

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082720\
 Data File : BF121449.D
 Acq On : 27 Aug 2020 21:44
 Operator : JU/CG
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082720

Quant Time: Aug 28 09:27:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	337528	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1261831	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	642638	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1226072	20.00	ng	0.00
76) Chrysene-d12	14.03	240	994860	20.00	ng	0.00
86) Perylene-d12	15.49	264	1033766	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1539921	76.54	ng	0.00
7) Phenol-d6	6.49	99	2124501	75.57	ng	0.00
23) Nitrobenzene-d5	7.43	82	1680918	91.07	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	565625	87.14	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2956869	74.24	ng	0.00
79) Terphenyl-d14	12.97	244	3244864	68.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	354146	36.912	ng	100
3) Pyridine	3.39	79	987308	37.789	ng	98
4) n-Nitrosodimethylamine	3.35	42	436303	37.779	ng	95
6) Aniline	6.52	93	1263668	37.882	ng	99
8) 2-Chlorophenol	6.65	128	817141	40.020	ng	99
9) Benzaldehyde	6.41	77	568085	41.615	ng	99
10) Phenol	6.50	94	1105647	40.202	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	814444	36.449	ng	99
12) 1,3-Dichlorobenzene	6.80	146	907504	36.914	ng	99
13) 1,4-Dichlorobenzene	6.88	146	914545	37.119	ng	100
14) 1,2-Dichlorobenzene	7.03	146	854140	37.232	ng	99
15) Benzyl Alcohol	7.00	79	721524	39.101	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1224259	36.984	ng	99
17) 2-Methylphenol	7.11	107	670304	37.731	ng	98
18) Hexachloroethane	7.37	117	338347	40.127	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	581703	37.024	ng	99
20) 3+4-Methylphenols	7.26	107	825736	38.410	ng	# 82
22) Acetophenone	7.27	105	1111233	35.730	ng	# 98
24) Nitrobenzene	7.45	77	858182	46.386	ng	98
25) Isophorone	7.69	82	1493258	35.970	ng	99
26) 2-Nitrophenol	7.76	139	355331	46.674	ng	94
27) 2,4-Dimethylphenol	7.79	122	652246	37.881	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	1031706	36.547	ng	100
29) 2,4-Dichlorophenol	8.00	162	674099	39.651	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	756206	36.310	ng	99
31) Naphthalene	8.17	128	2263213	36.128	ng	100
32) Benzoic acid	7.92	122	476664	45.613	ng	99
33) 4-Chloroaniline	8.22	127	1000081	35.843	ng	99
34) Hexachlorobutadiene	8.29	225	448989	36.252	ng	99
35) Caprolactam	8.59	113	219953	39.668	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	676874	37.762	ng	97
37) 2-Methylnaphthalene	8.86	142	1523418	36.704	ng	99
38) 1-Methylnaphthalene	8.96	142	1431109	36.516	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	694129	36.437	ng	100

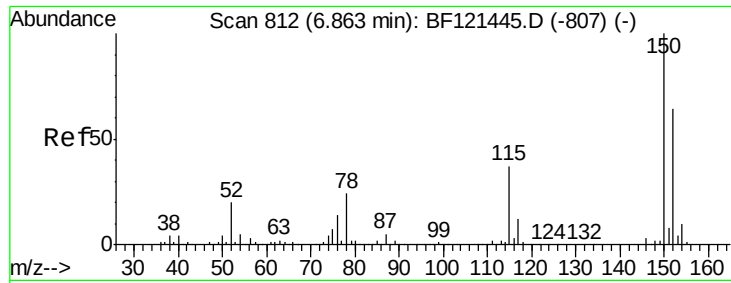
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082720\
 Data File : BF121449.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	341840	42.672	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	494804	41.095	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	505724	42.475	nq	98
46) 1,1'-Biphenyl	9.32	154	1784990	36.809	nq	99
47) 2-Chloronaphthalene	9.35	162	1455943	36.527	nq	98
48) 2-Nitroaniline	9.44	65	466542	42.574	nq	99
49) Acenaphthylene	9.76	152	2234915	37.381	nq	99
50) Dimethylphthalate	9.63	163	1640602	37.165	nq	99
51) 2,6-Dinitrotoluene	9.68	165	348845	42.946	nq	93
52) Acenaphthene	9.93	154	1410615	37.365	nq	99
53) 3-Nitroaniline	9.85	138	433532	41.909	nq	# 94
54) 2,4-Dinitrophenol	9.95	184	116834	47.597	nq	90
55) Dibenzofuran	10.10	168	2006247	36.584	nq	98
56) 4-Nitrophenol	10.00	139	323908	42.127	nq	98
57) 2,4-Dinitrotoluene	10.09	165	436400	43.630	nq	90
58) Fluorene	10.45	166	1488913	36.016	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	426387	43.014	nq	99
60) Diethylphthalate	10.32	149	1679808	37.876	nq	99
61) 4-Chlorophenyl-phenylether	10.44	204	744889	35.962	nq	100
62) 4-Nitroaniline	10.46	138	442823	41.708	nq	99
63) Azobenzene	10.60	77	1635768	37.297	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	160405	46.530	nq	86
66) n-Nitrosodiphenylamine	10.56	169	1392698	35.915	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	488856	36.244	nq	100
68) Hexachlorobenzene	11.00	284	569918	36.134	nq	97
69) Atrazine	11.09	200	430595	38.288	nq	99
70) Pentachlorophenol	11.19	266	324332	45.011	nq	97
71) Phenanthrene	11.41	178	2265350	36.004	nq	100
72) Anthracene	11.46	178	2238243	36.168	nq	99
73) Carbazole	11.62	167	2181708	36.560	nq	99
74) Di-n-butylphthalate	11.95	149	2530961	38.178	nq	99
75) Fluoranthene	12.60	202	2487333	36.680	nq	100
77) Benzidine	12.72	184	786456	36.247	nq	100
78) Pyrene	12.83	202	2554822	35.958	nq	100
80) Butylbenzylphthalate	13.45	149	1138713	41.601	nq	98
81) Benzo(a)anthracene	14.02	228	2156015	35.501	nq	100
82) 3,3'-Dichlorobenzidine	13.98	252	856854	38.520	nq	100
83) Chrysene	14.06	228	2182456	35.920	nq	100
84) Bis(2-ethylhexyl)phthalate	14.01	149	1403626	39.703	nq	100
85) Di-n-octyl phthalate	14.62	149	2558931	42.711	nq	100
87) Indeno(1,2,3-cd)pyrene	16.96	276	2256249	35.472	nq	99
88) Benzo(b)fluoranthene	15.06	252	2416095	35.929	nq	99
89) Benzo(k)fluoranthene	15.10	252	2121754	33.922	nq	99
90) Benzo(a)pyrene	15.43	252	2106254	34.833	nq	99
91) Dibenzo(a,h)anthracene	16.98	278	1845454	35.444	nq	99
92) Benzo(g,h,i)perylene	17.40	276	1764437	35.179	nq	99

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

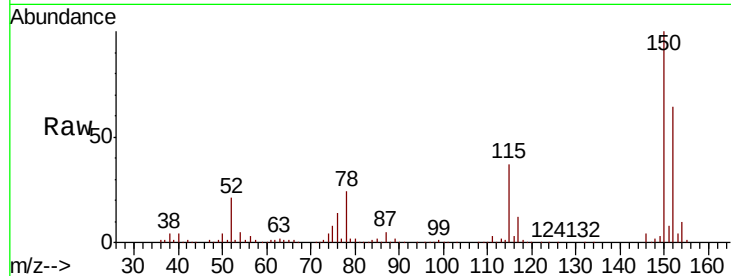


#1

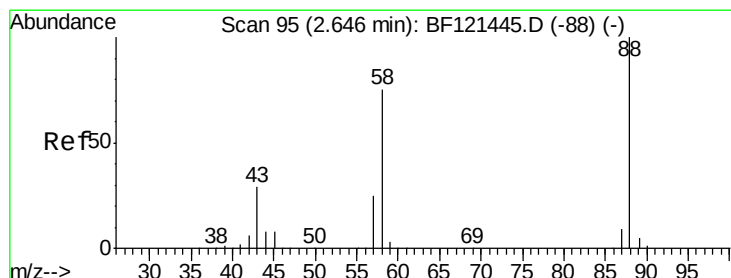
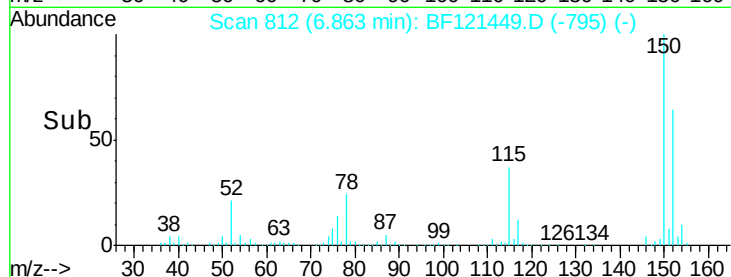
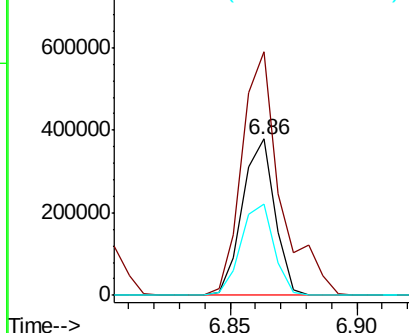
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

Instrument :
BNA_F
ClientSampleId :
ICVBF082720

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.8	188.6
115	58.2	46.6	69.8



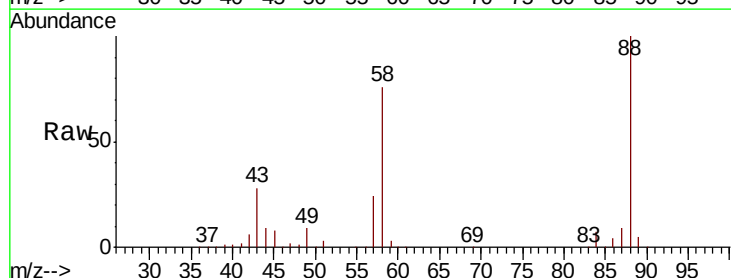
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



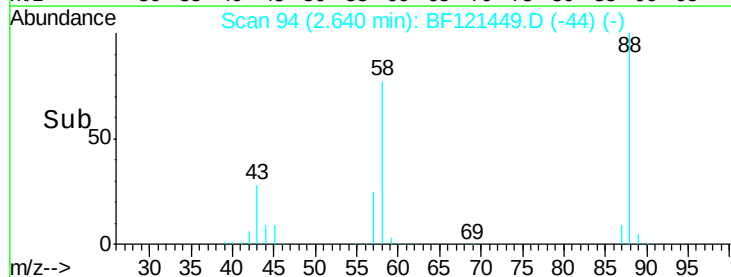
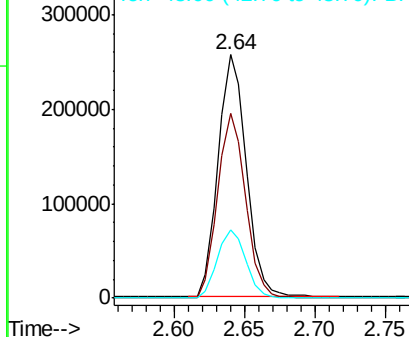
#2

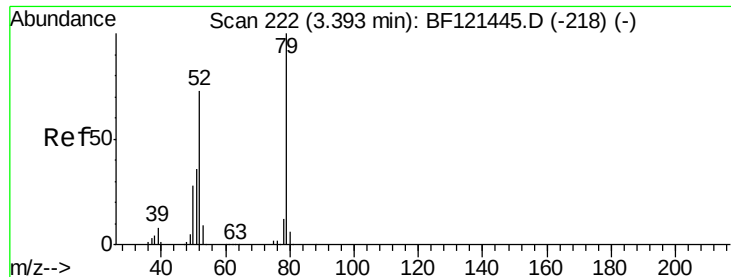
1,4-Dioxane
Concen: 36.912 ng
RT: 2.64 min Scan# 94
Delta R.T. -0.01 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.1	61.1	91.7
43	29.0	23.4	35.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.789 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Instrument :

BNA_F

ClientSampleId :

ICVBF082720

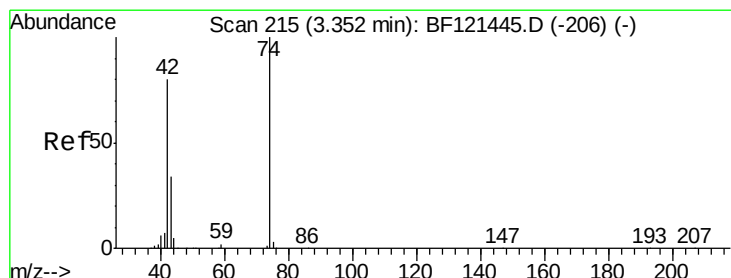
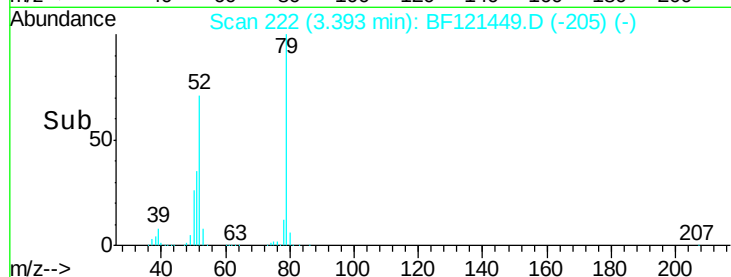
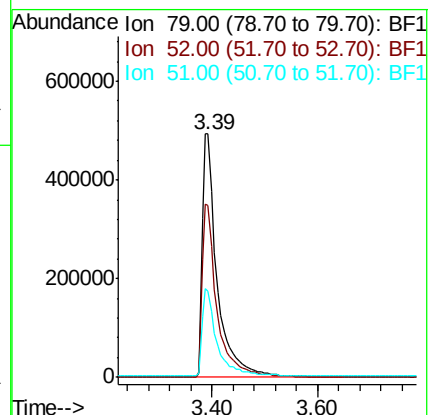
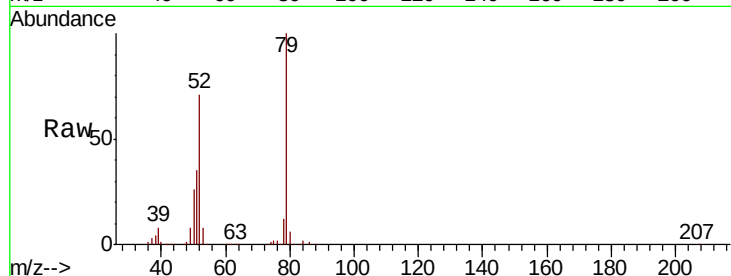
Tot Ion: 79 Resp: 987308

Ion Ratio Lower Upper

79 100

52 70.7 58.2 87.4

51 35.1 29.1 43.7



#4

n-Nitrosodimethylamine

Concen: 37.779 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

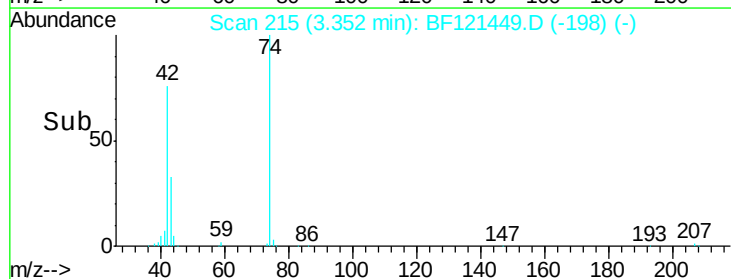
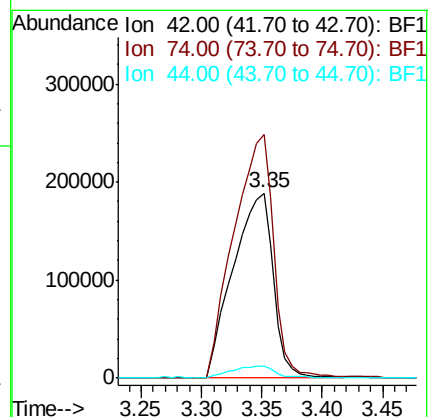
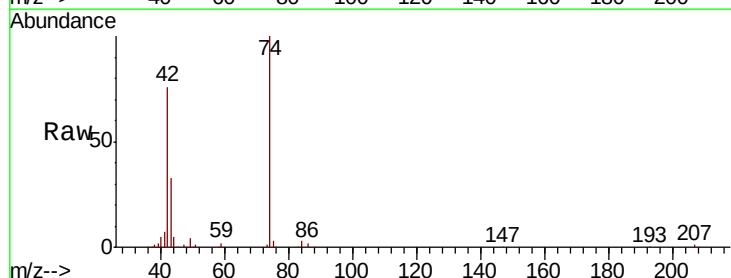
Tgt Ion: 42 Resp: 436303

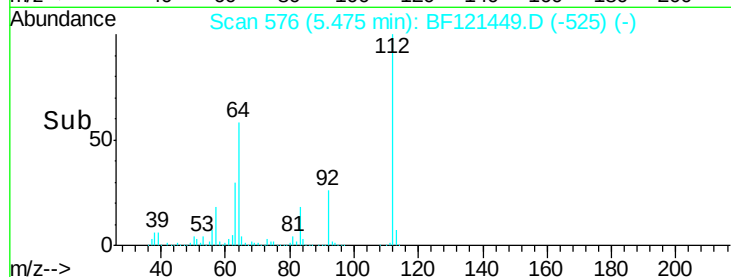
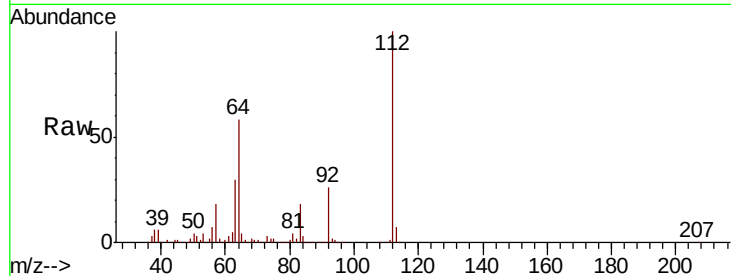
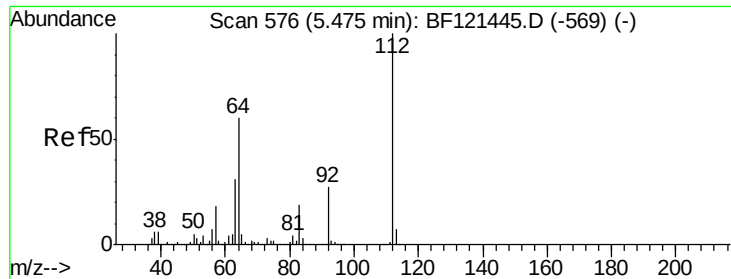
Ion Ratio Lower Upper

42 100

74 131.6 100.2 150.4

44 6.7 5.4 8.0





#5

2-Fluorophenol

Concen: 76.545 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Instrument :

BNA_F

ClientSampleId :

ICVBF082720

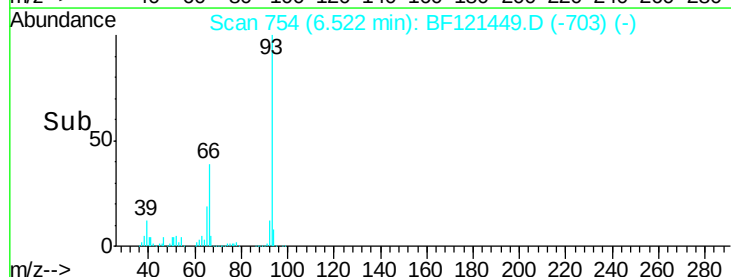
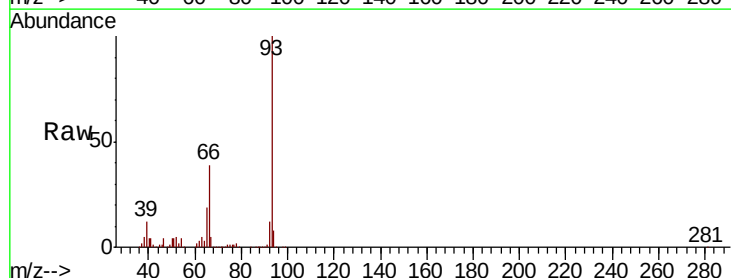
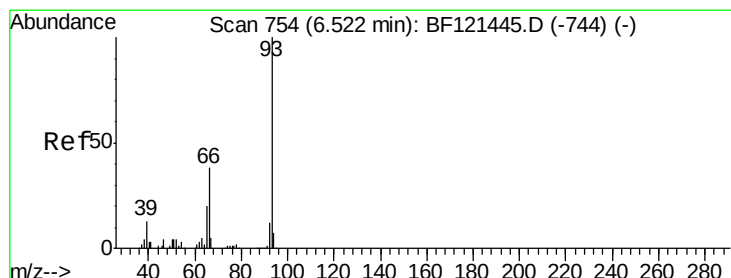
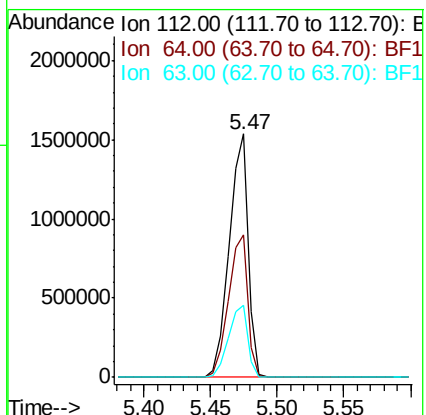
Tot Ion:112 Resp: 1539921

Ion Ratio Lower Upper

112 100

64 58.4 48.2 72.2

63 29.8 24.8 37.2



#6

Aniline

Concen: 37.882 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

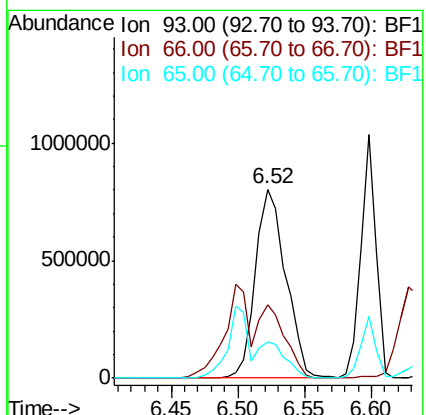
Tgt Ion: 93 Resp: 1263668

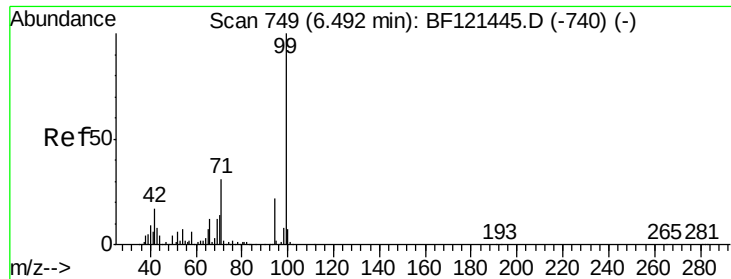
Ion Ratio Lower Upper

93 100

66 38.9 30.9 46.3

65 19.4 15.9 23.9





#7

Phenol-d6

Concen: 75.567 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Instrument :

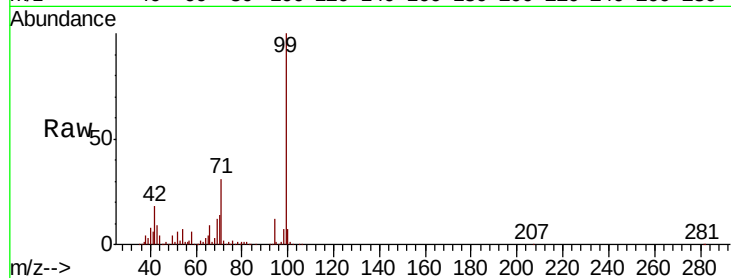
BNA_F

ClientSampleId :

ICVBF082720

Tot Ion: 99 Resp: 2124501

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.5	20.3
71	30.9	24.6	37.0

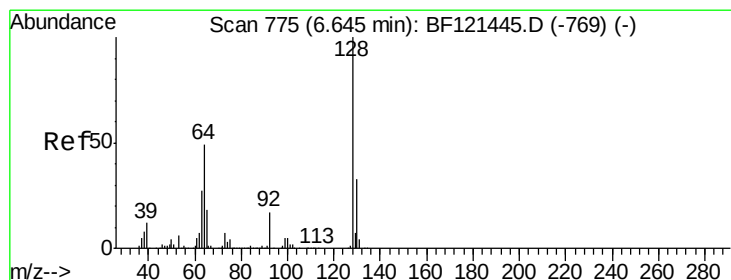
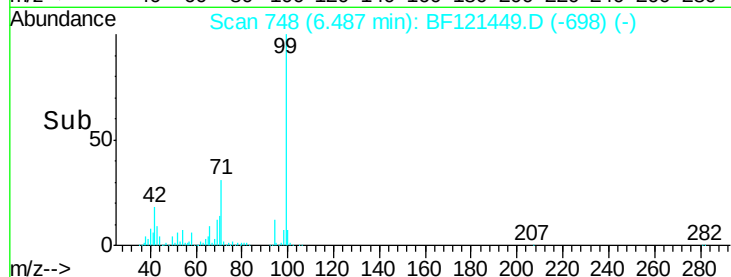
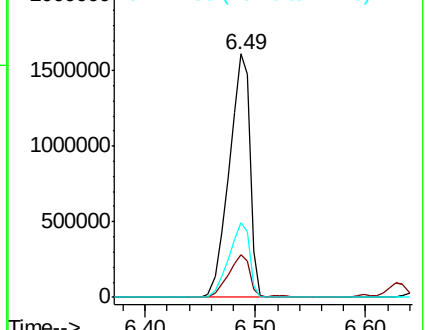


Abundance

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: 40.020 ng

RT: 6.65 min Scan# 775

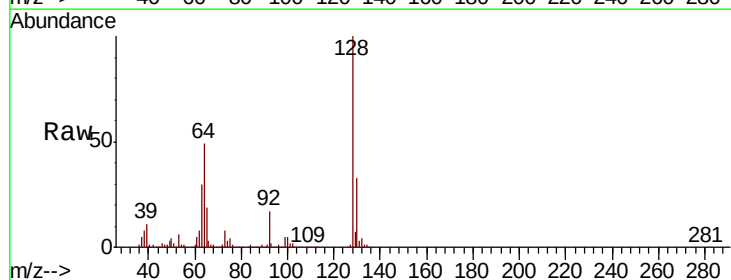
Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Tgt Ion: 128 Resp: 817141

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	48.8	29.5	69.5

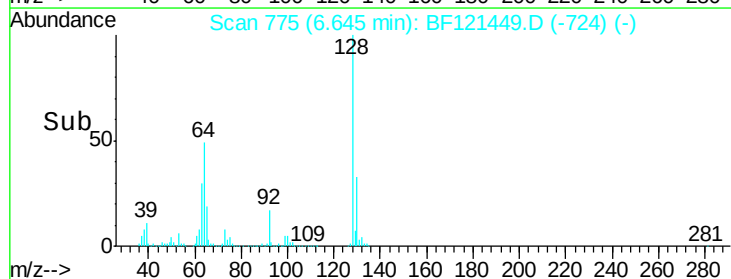
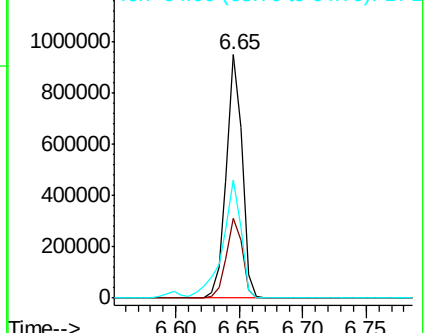


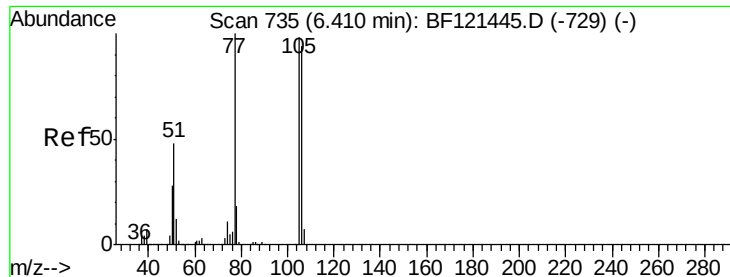
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.615 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Instrument :

BNA_F

ClientSampleId :

ICVBF082720

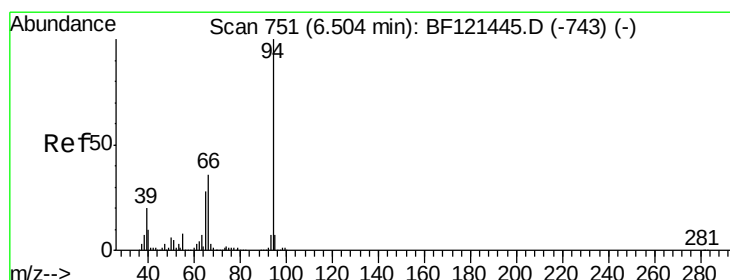
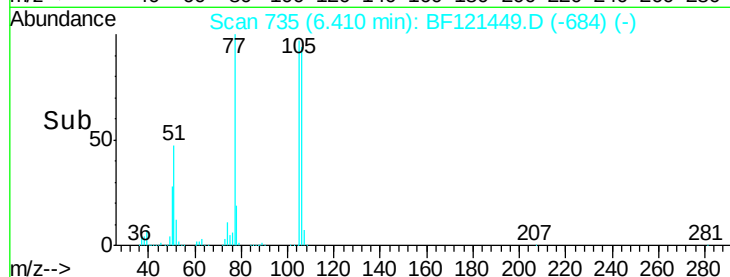
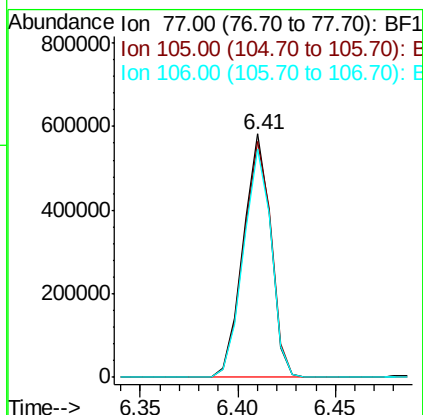
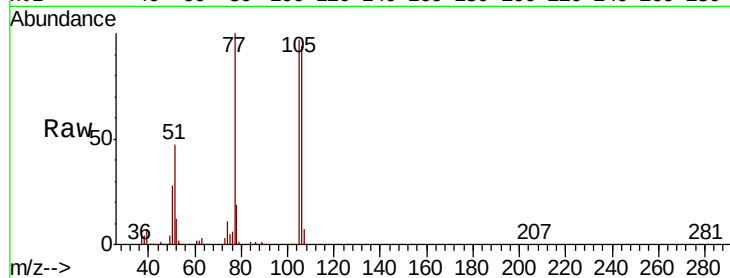
Tot Ion: 77 Resp: 568085

Ion Ratio Lower Upper

77 100

105 96.7 78.1 118.1

106 93.7 74.3 114.3



#10

Phenol

Concen: 40.202 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

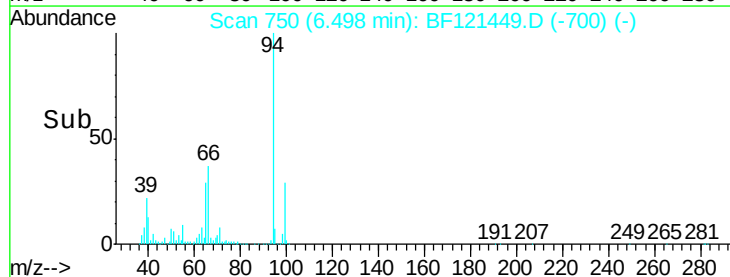
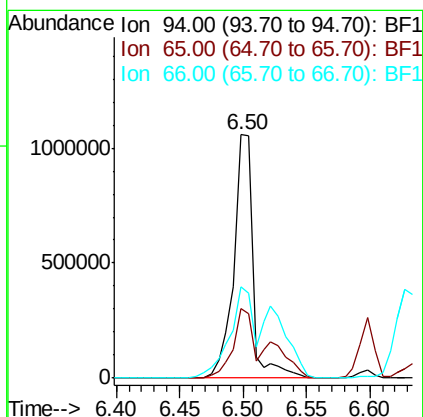
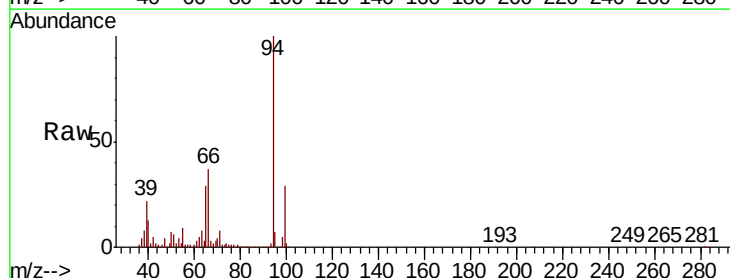
Tgt Ion: 94 Resp: 1105647

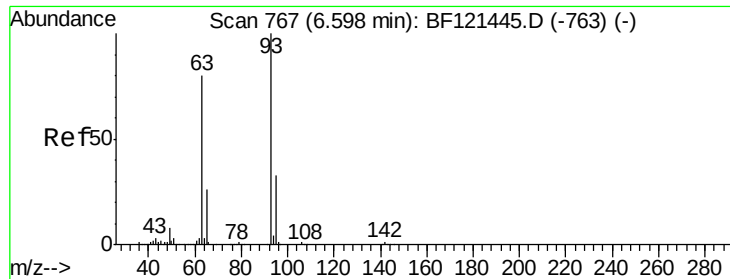
Ion Ratio Lower Upper

94 100

65 28.8 7.9 47.9

66 37.5 16.0 56.0

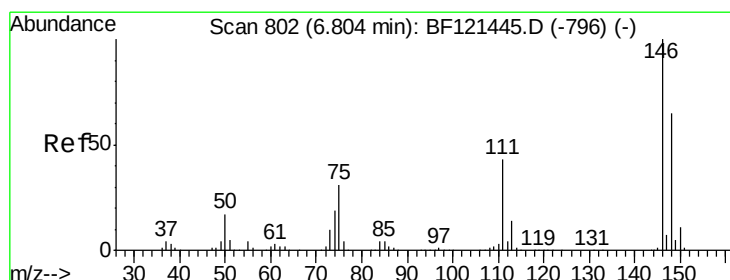
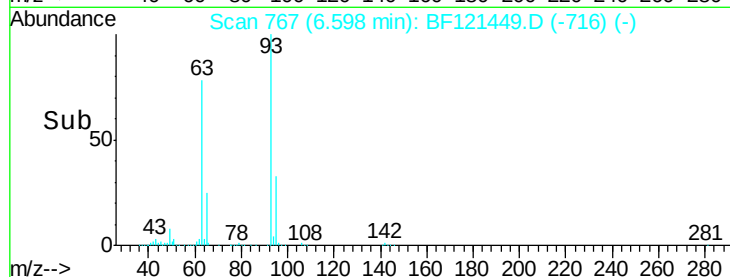
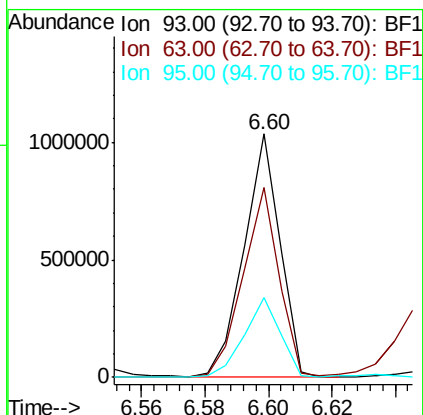
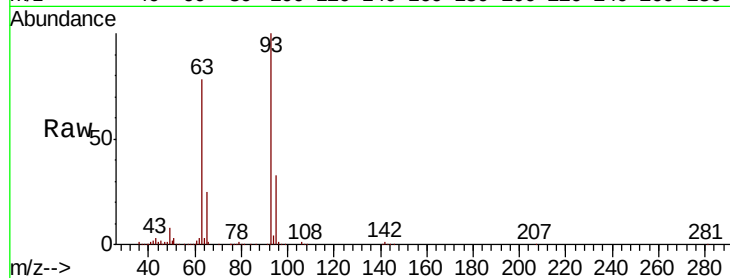




#11
bis(2-Chloroethyl)ether
Concen: 36.449 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

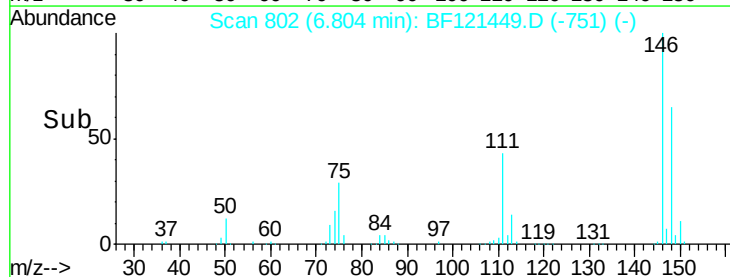
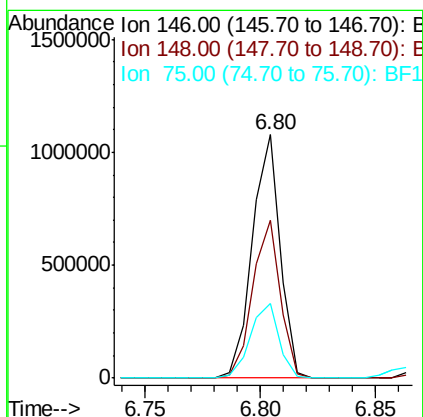
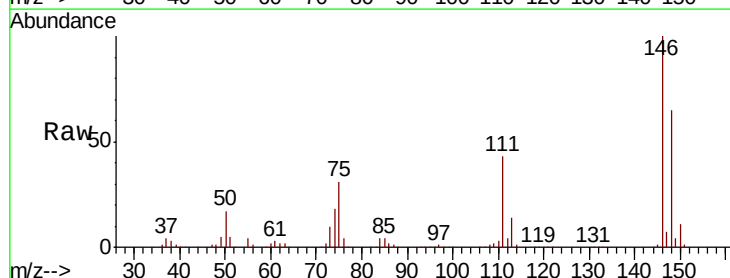
Instrument :
BNA_F
ClientSampleId :
ICVBF082720

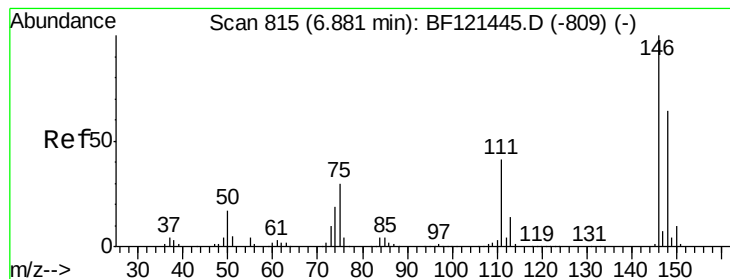
Tot Ion: 93 Resp: 814444
Ion Ratio Lower Upper
93 100
63 78.2 59.3 99.3
95 32.8 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 36.914 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

Tgt Ion: 146 Resp: 907504
Ion Ratio Lower Upper
146 100
148 64.9 52.1 78.1
75 30.5 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 37.119 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Instrument :

BNA_F

ClientSampleId :

ICVBF082720

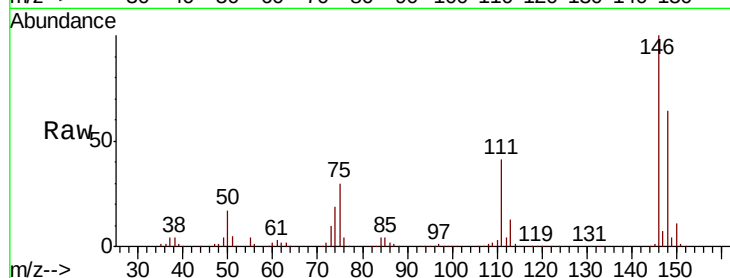
Tot Ion:146 Resp: 914545

Ion Ratio Lower Upper

146 100

148 64.3 51.2 76.8

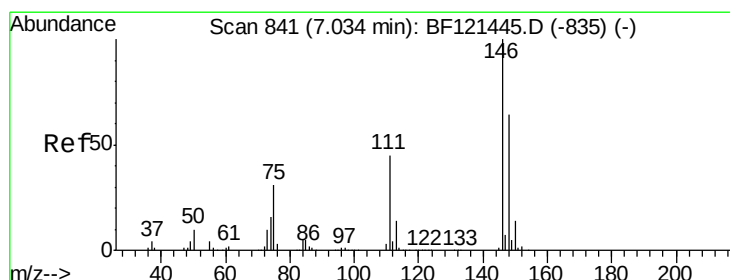
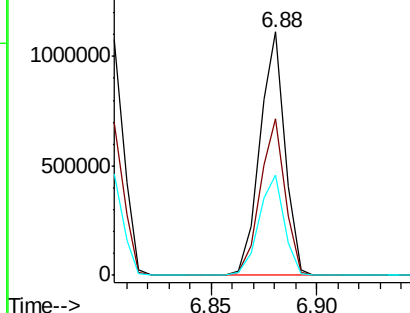
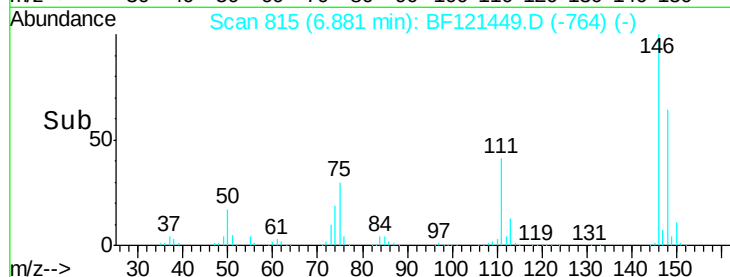
111 41.4 33.0 49.6



Abundance Ion 146.00 (145.70 to 146.70): E

1500000 Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.232 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

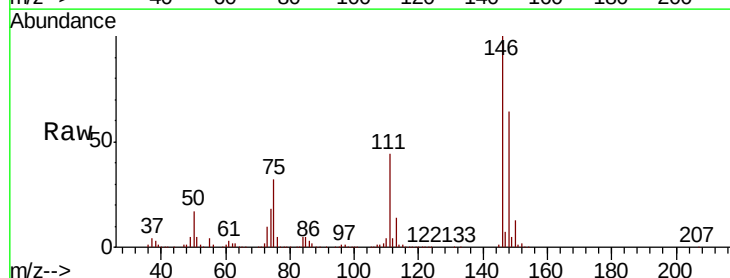
Tgt Ion:146 Resp: 854140

Ion Ratio Lower Upper

146 100

148 64.4 51.1 76.7

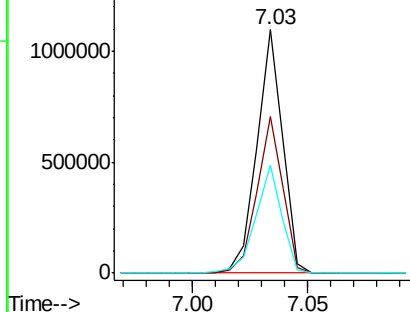
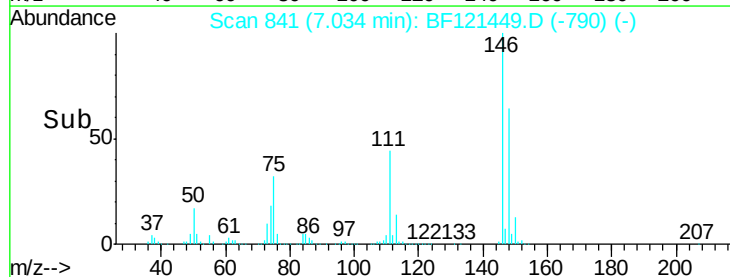
111 44.2 36.2 54.2

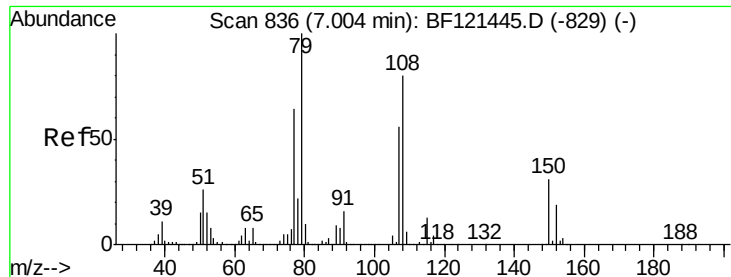


Abundance Ion 146.00 (145.70 to 146.70): E

1500000 Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.101 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Instrument :

BNA_F

ClientSampleId :

ICVBF082720

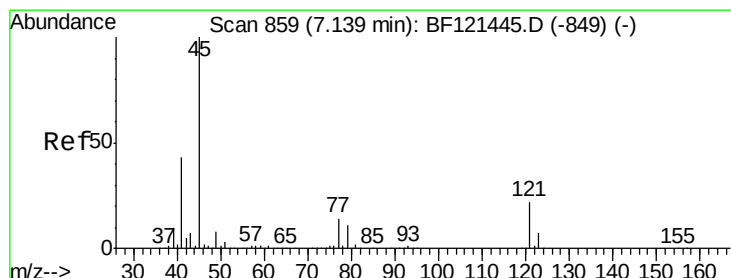
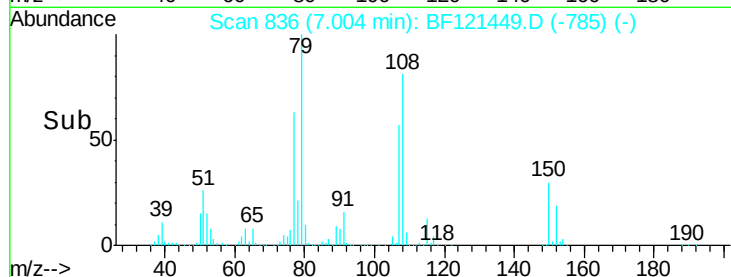
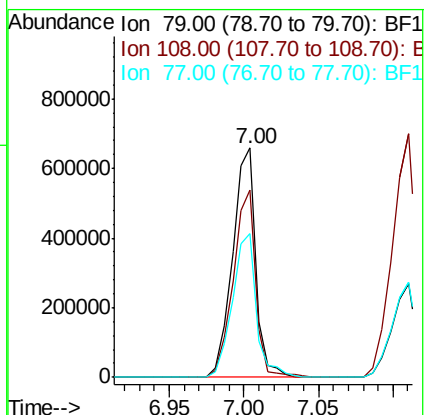
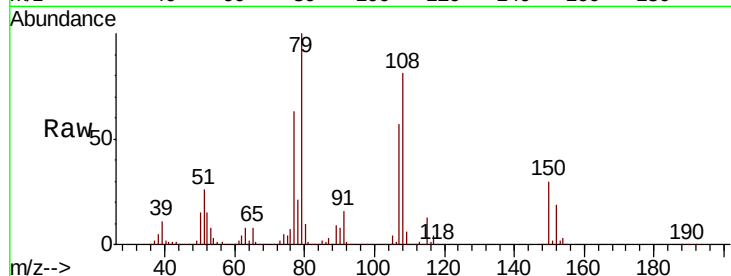
Tot Ion: 79 Resp: 721524

Ion Ratio Lower Upper

79 100

108 81.4 64.0 96.0

77 62.8 50.8 76.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.984 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

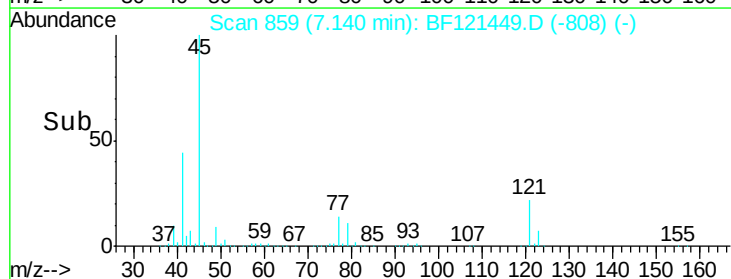
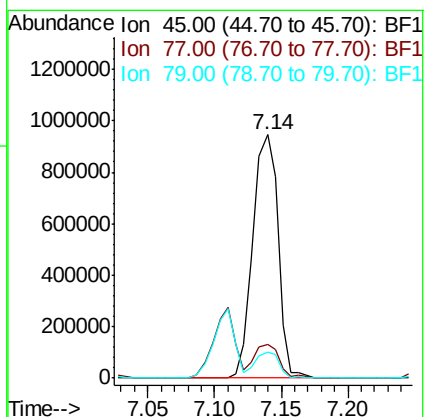
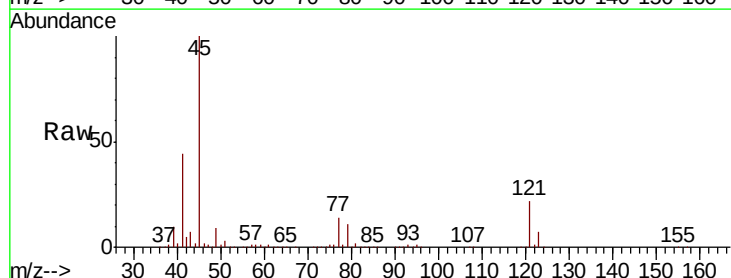
Tgt Ion: 45 Resp: 1224259

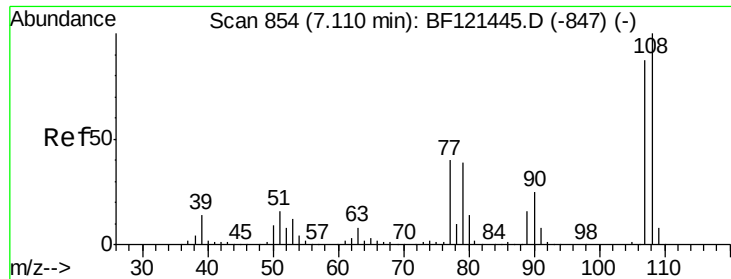
Ion Ratio Lower Upper

45 100

77 13.9 0.0 33.8

79 10.6 0.0 31.1

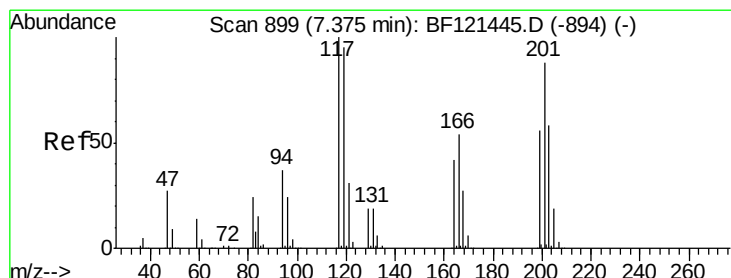
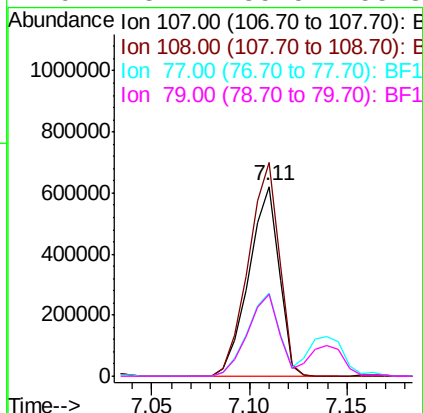
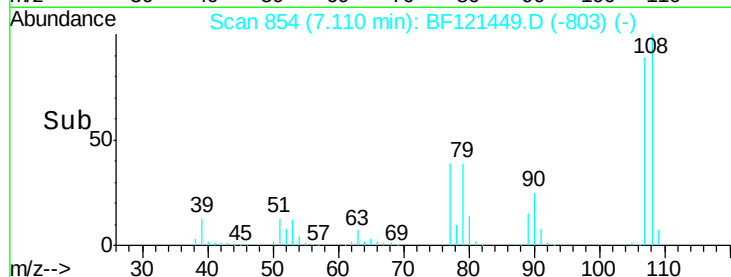
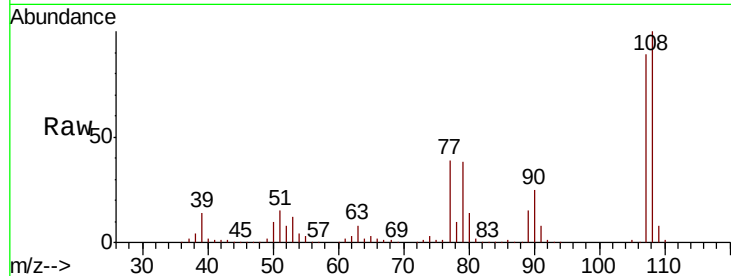




#17
2-Methylphenol
Concen: 37.731 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

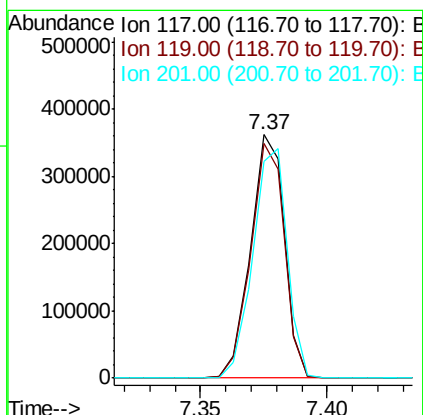
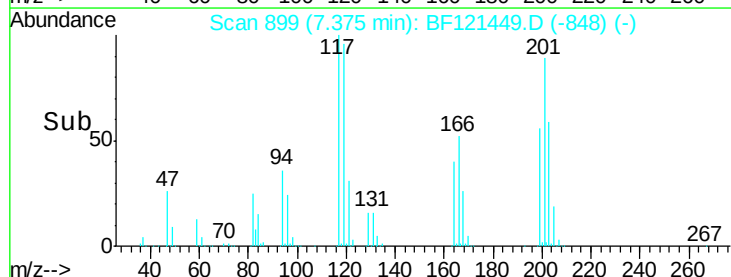
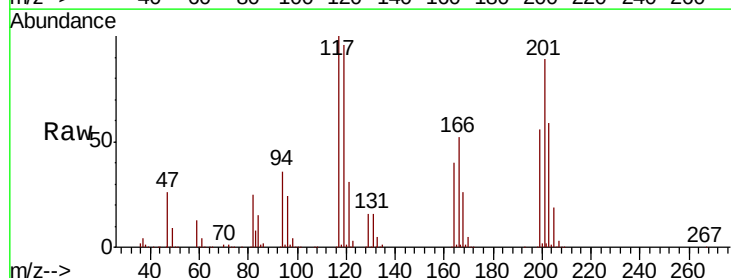
Instrument :
BNA_F
ClientSampleId :
ICVBF082720

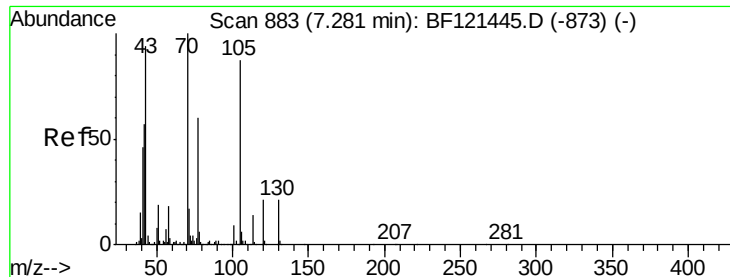
Tot Ion:107 Resp: 670304
Ion Ratio Lower Upper
107 100
108 112.7 91.7 137.5
77 44.1 36.4 54.6
79 43.2 35.5 53.3



#18
Hexachloroethane
Concen: 40.127 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

Tgt Ion:117 Resp: 338347
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.8
201 88.8 70.4 105.6

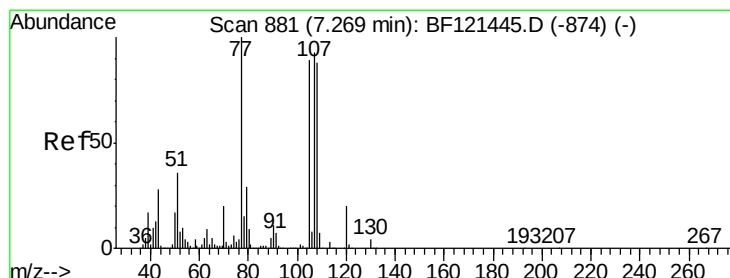
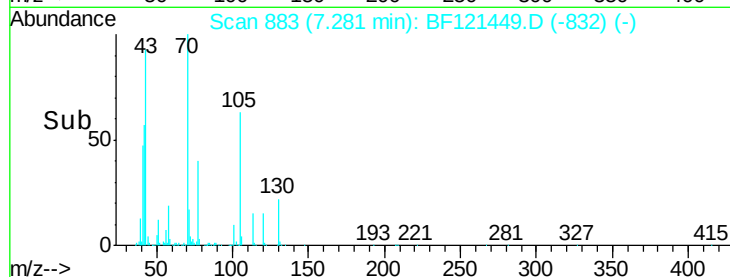
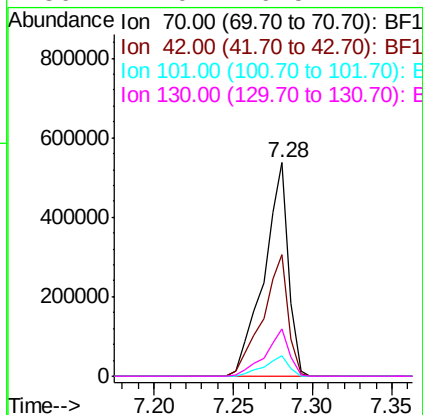
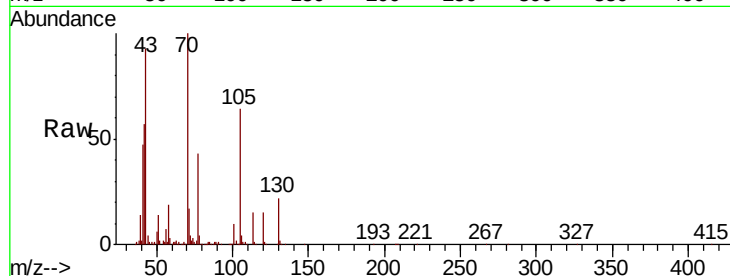




#19
n-Nitroso-di-n-propylamine
Concen: 37.024 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

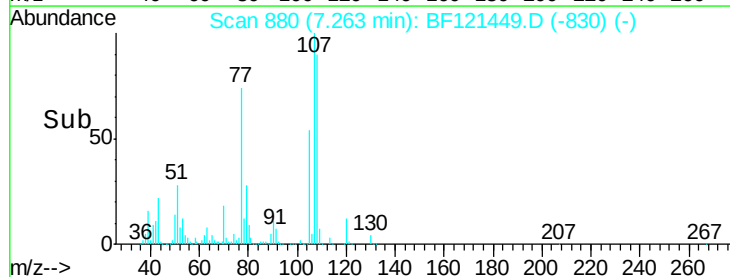
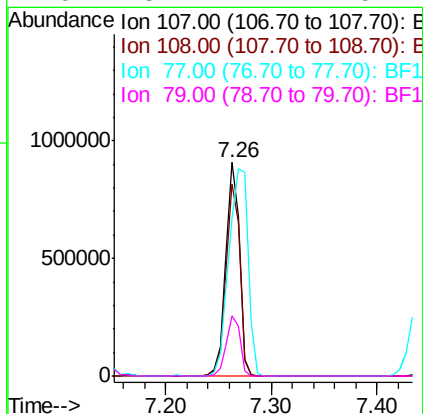
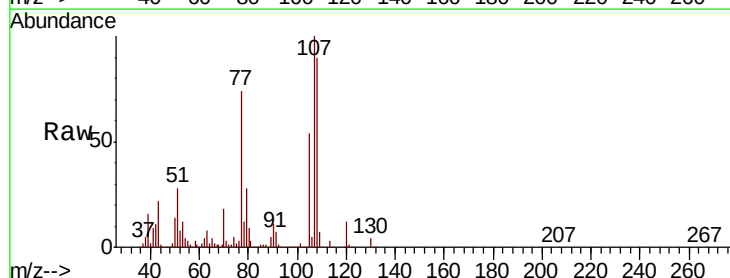
Instrument :
BNA_F
ClientSampleId :
ICVBF082720

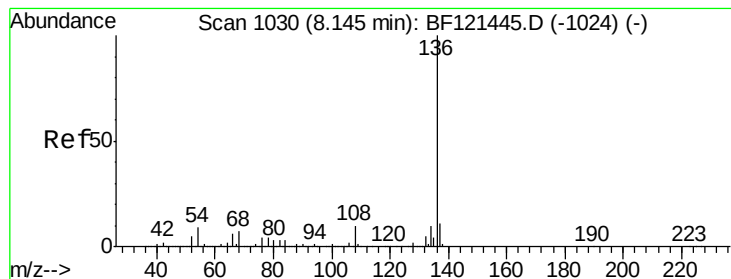
Tot Ion:	70	Resp:	581703
Ion	Ratio	Lower	Upper
70	100		
42	56.9	45.8	68.6
101	9.7	7.5	11.3
130	22.0	16.5	24.7



#20
3+4-Methylphenols
Concen: 38.410 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

Tgt Ion:	107	Resp:	825736
Ion	Ratio	Lower	Upper
107	100		
108	89.6	75.0	115.0
77	73.9	87.5	127.5#
79	28.4	11.1	51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Instrument :

BNA_F

ClientSampleId :

ICVBF082720

Tot Ion:136 Resp: 1261831

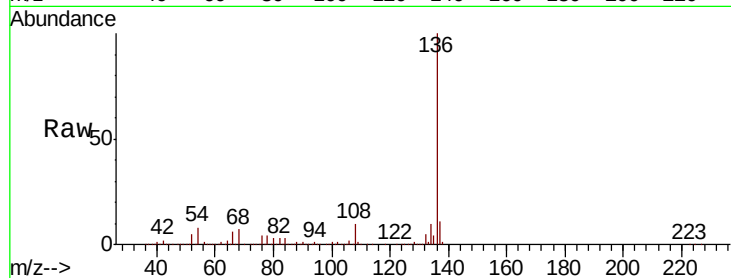
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.5 7.0 10.4

68 6.7 5.5 8.3

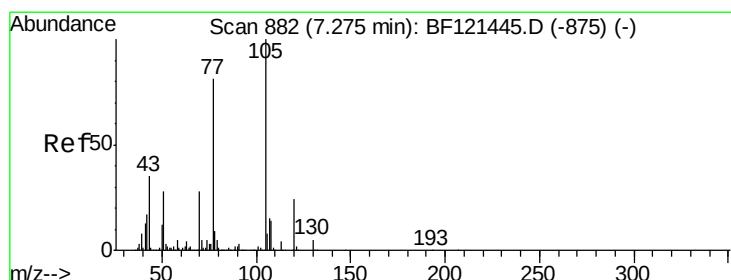
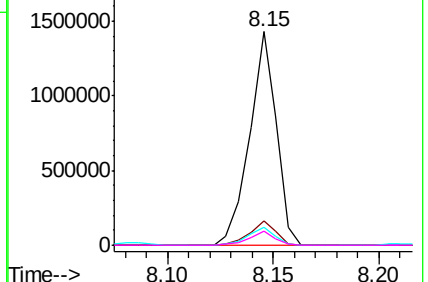
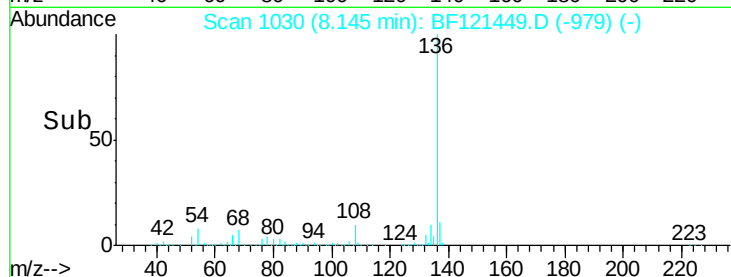


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.730 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Tgt Ion:105 Resp: 1111233

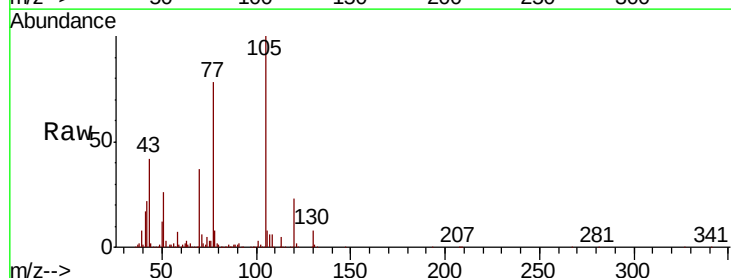
Ion Ratio Lower Upper

105 100

71 6.4 3.8 5.6#

51 26.3 22.6 33.8

120 23.3 18.9 28.3

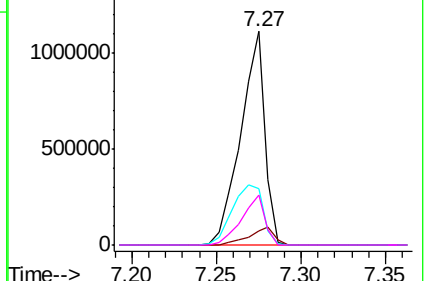
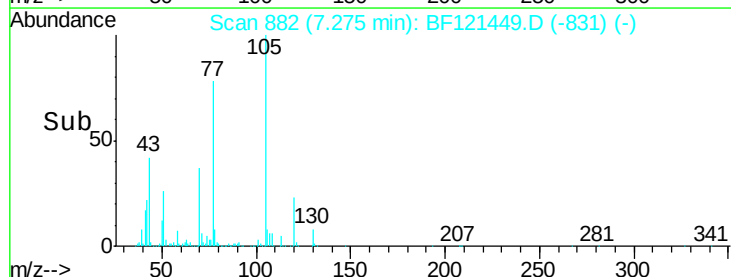


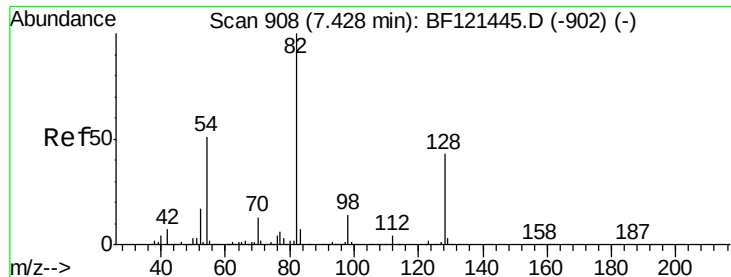
Abundance Ion 105.00 (104.70 to 105.70): E

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: 91.072 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Instrument :

BNA_F

ClientSampleId :

ICVBF082720

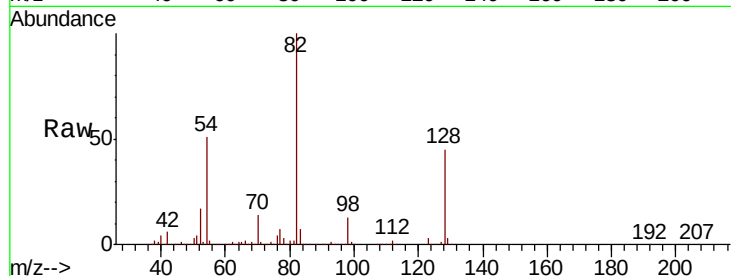
Tot Ion: 82 Resp: 1680918

Ion Ratio Lower Upper

82 100

128 44.8 34.1 51.1

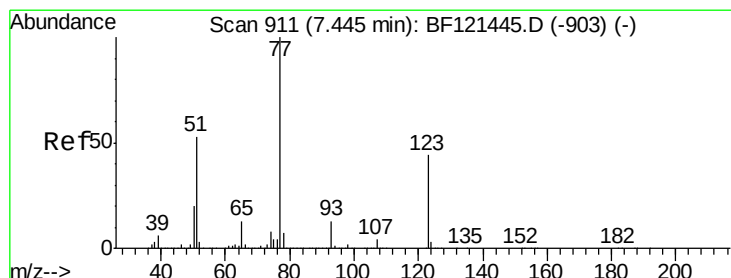
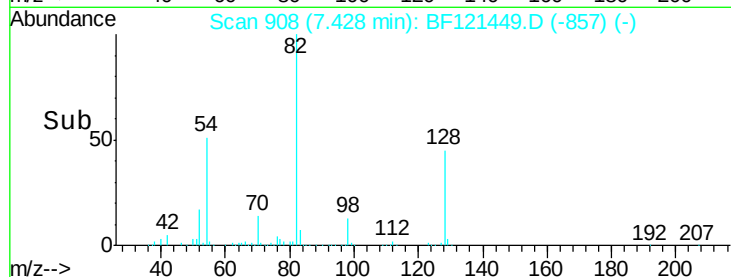
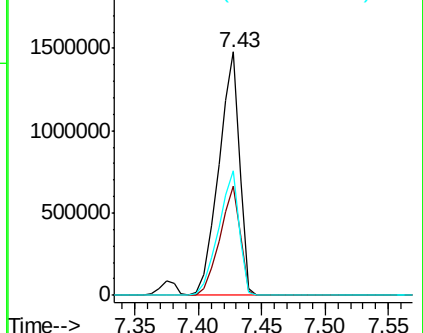
54 51.1 41.0 61.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 46.386 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

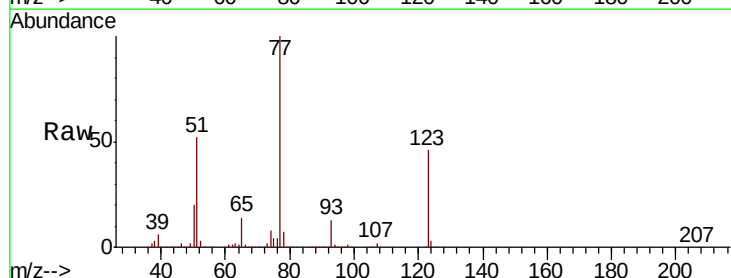
Tgt Ion: 77 Resp: 858182

Ion Ratio Lower Upper

77 100

123 45.8 35.5 53.3

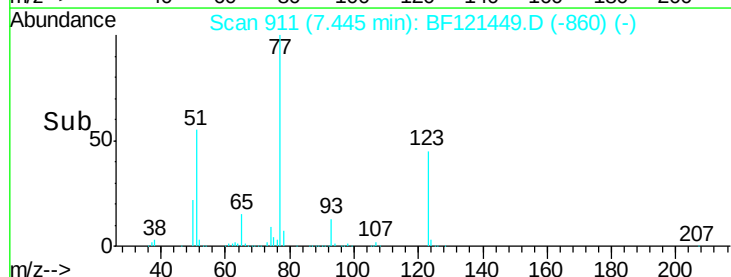
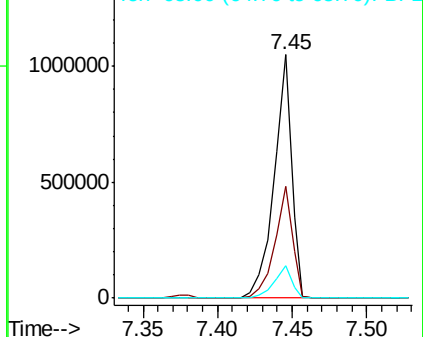
65 13.6 10.6 16.0

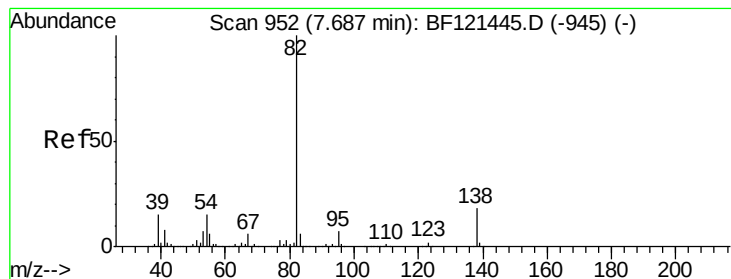


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.970 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Instrument :

BNA_F

ClientSampleId :

ICVBF082720

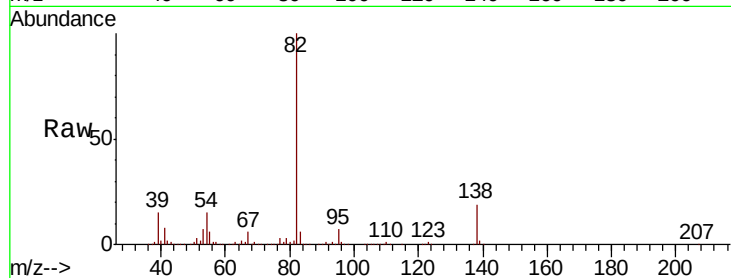
Tot Ion: 82 Resp: 1493258

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

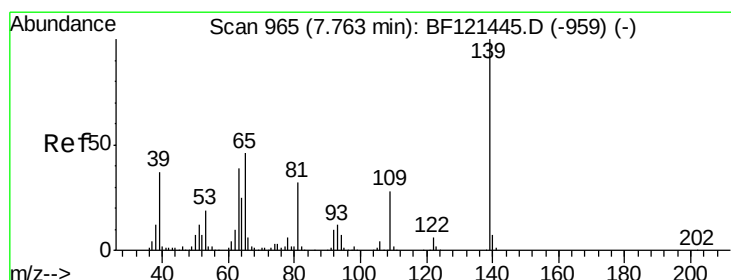
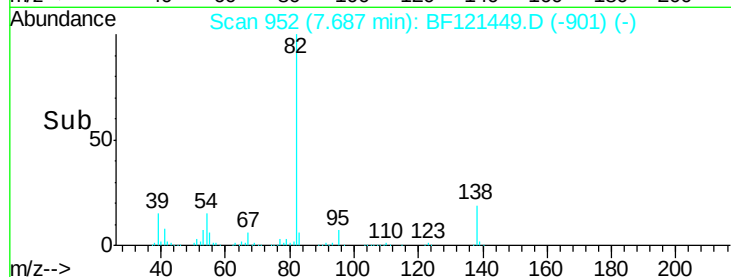
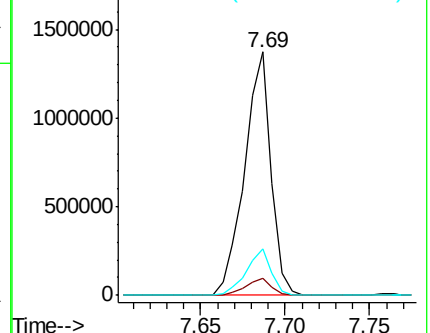
138 18.9 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.674 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

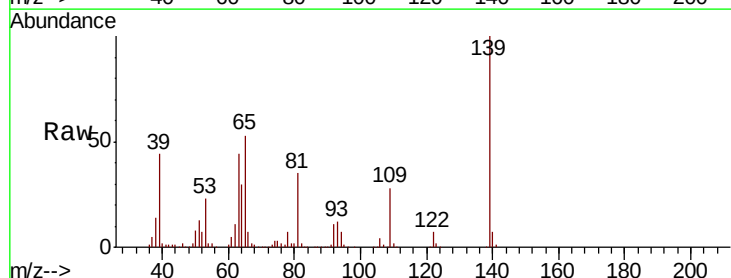
Tgt Ion: 139 Resp: 355331

Ion Ratio Lower Upper

139 100

109 28.3 22.1 33.1

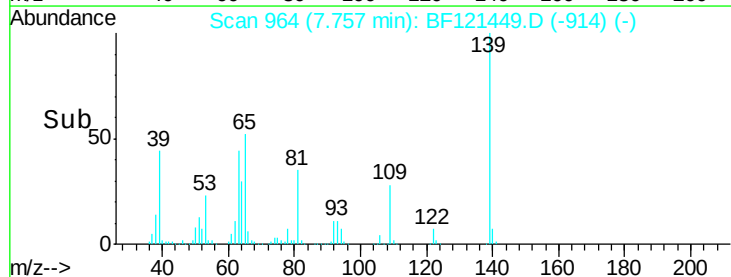
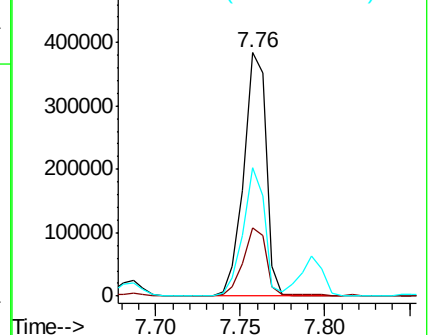
65 52.6 37.2 55.8

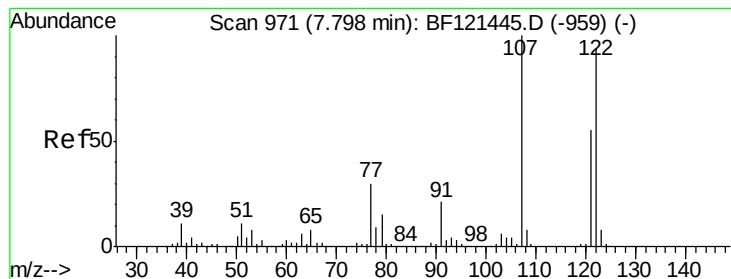


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.881 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Instrument :

BNA_F

ClientSampleId :

ICVBF082720

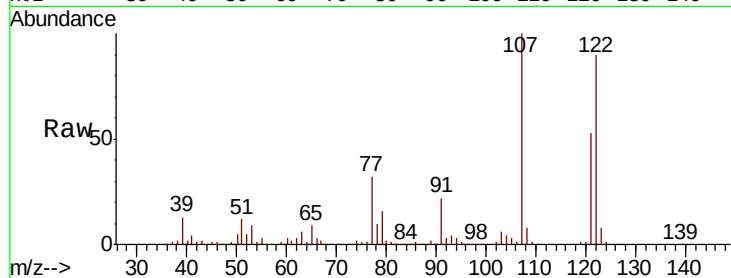
Tot Ion:122 Resp: 652246

Ion Ratio Lower Upper

122 100

107 111.0 84.9 127.3

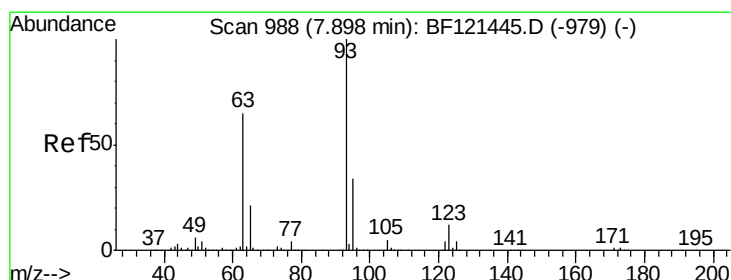
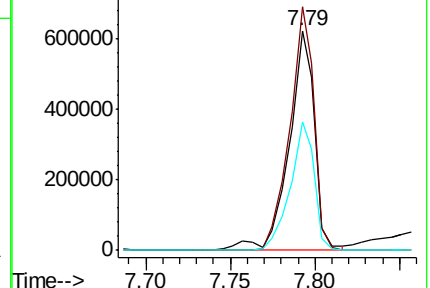
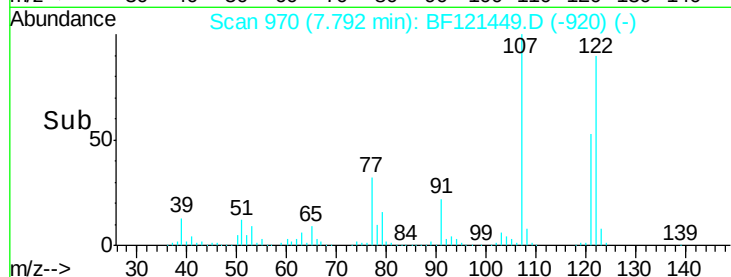
121 58.4 46.4 69.6



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: 36.547 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

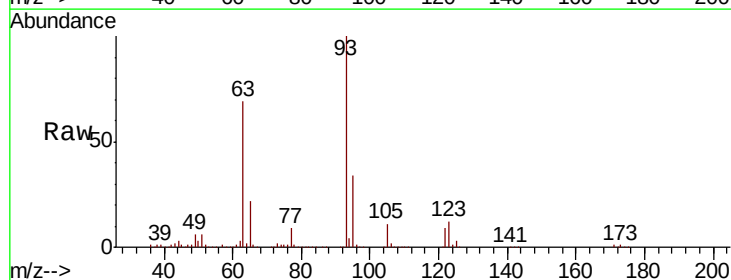
Tgt Ion: 93 Resp: 1031706

Ion Ratio Lower Upper

93 100

95 33.6 26.8 40.2

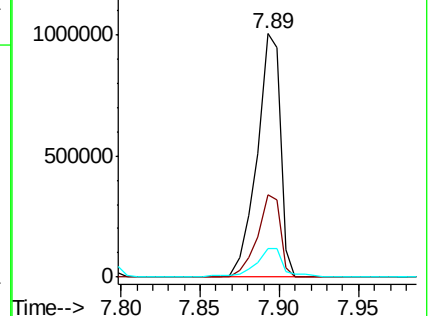
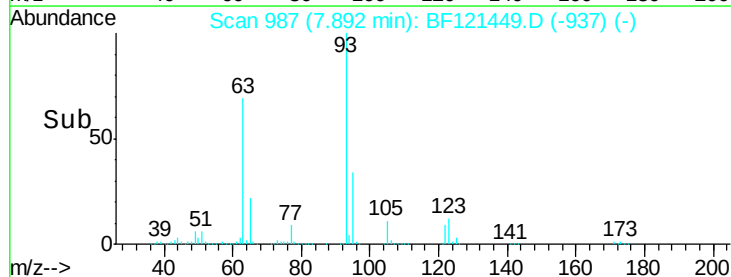
123 11.8 9.6 14.4

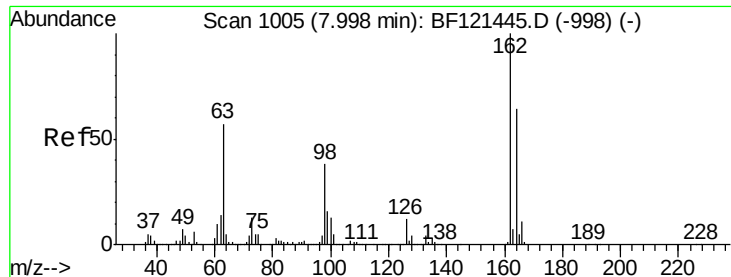


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

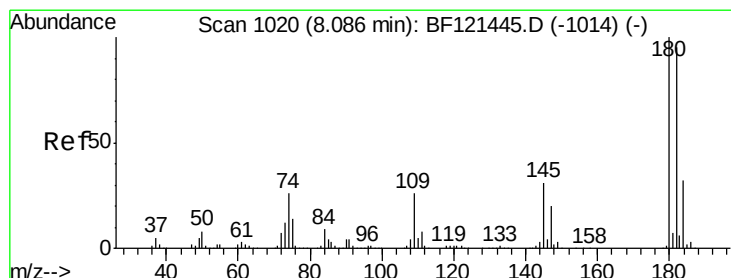
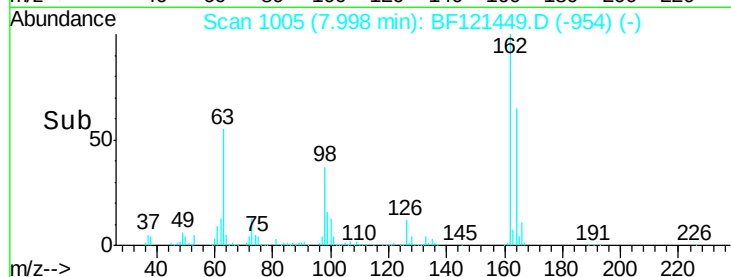
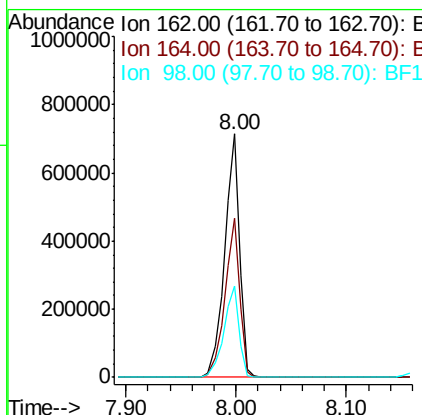
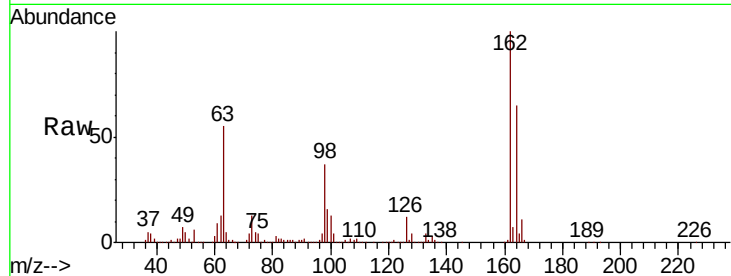




#29
 2,4-Dichlorophenol
 Concen: 39.651 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF121449.D
 Acq: 27 Aug 2020 21:44

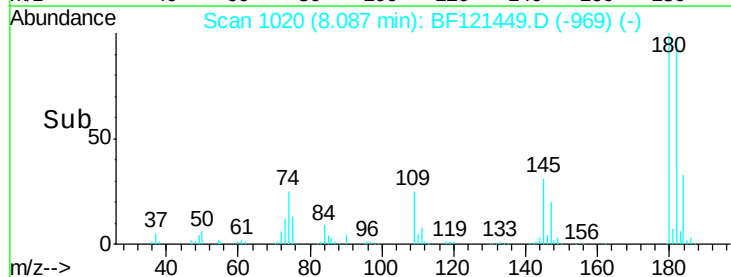
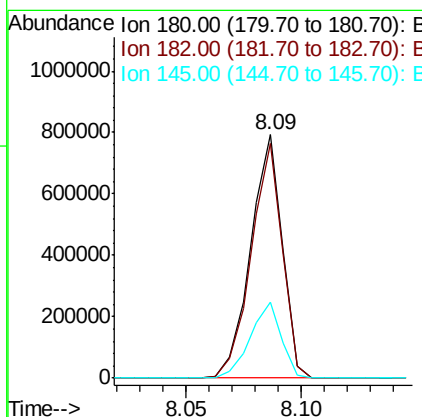
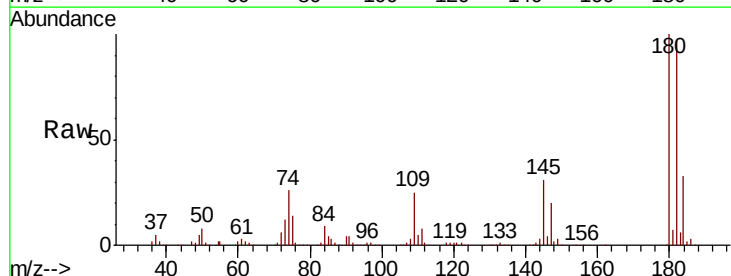
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082720

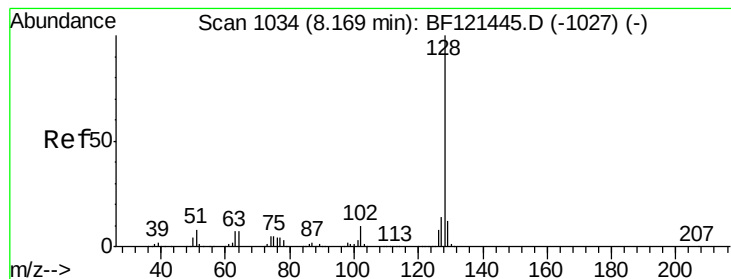
Tot Ion:162	Resp:	674099
Ion	Ratio	Lower Upper
162	100	
164	65.4	44.0 84.0
98	37.4	18.4 58.4



#30
 1,2,4-Trichlorobenzene
 Concen: 36.310 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF121449.D
 Acq: 27 Aug 2020 21:44

Tgt Ion:180	Resp:	756206
Ion	Ratio	Lower Upper
180	100	
182	96.6	76.2 114.4
145	31.1	25.2 37.8





#31

Naphthalene

Concen: 36.128 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Instrument :

BNA_F

ClientSampleId :

ICVBF082720

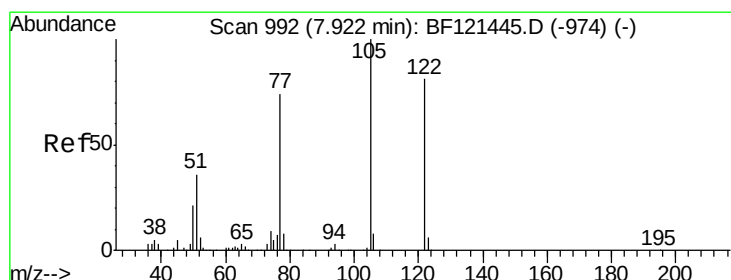
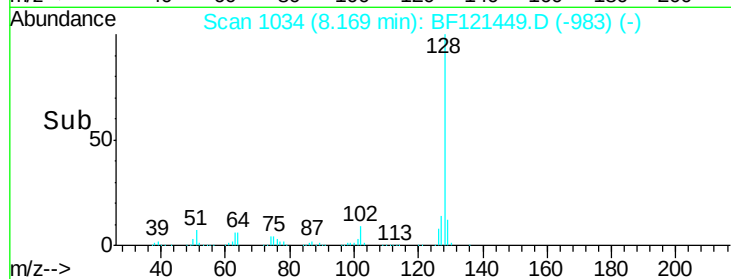
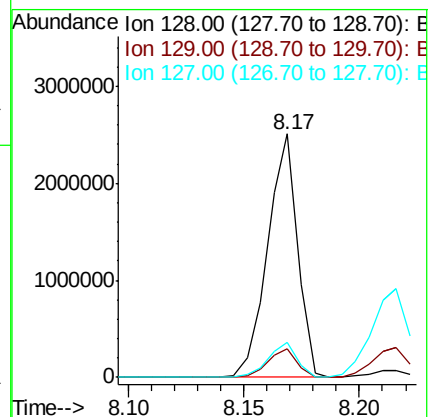
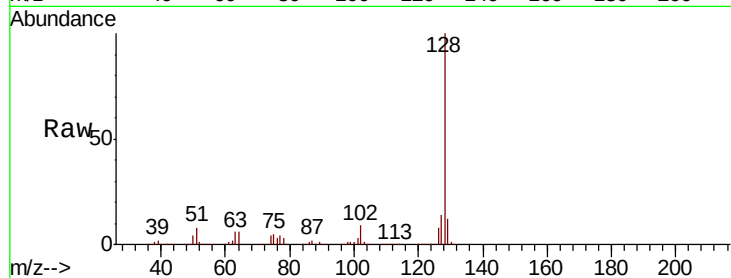
Tot Ion:128 Resp: 2263213

Ion Ratio Lower Upper

128 100

129 11.9 9.6 14.4

127 14.2 11.4 17.2



#32

Benzoic acid

Concen: 45.613 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

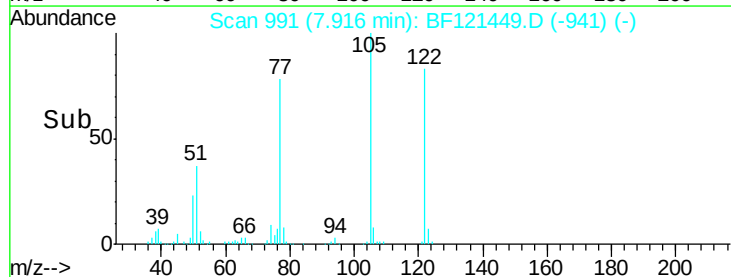
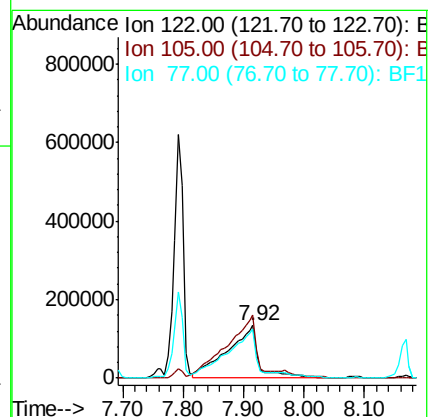
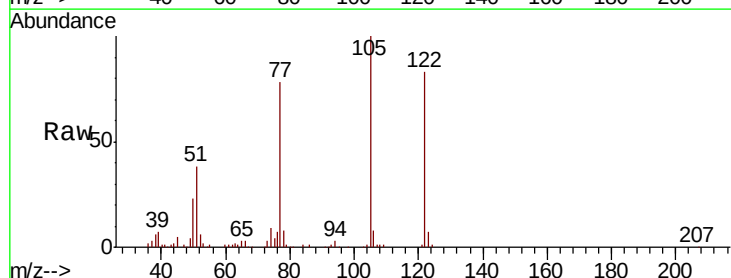
Tgt Ion:122 Resp: 476664

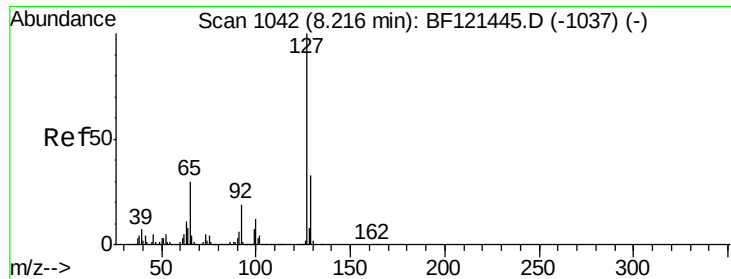
Ion Ratio Lower Upper

122 100

105 120.1 100.8 140.8

77 93.4 71.5 111.5

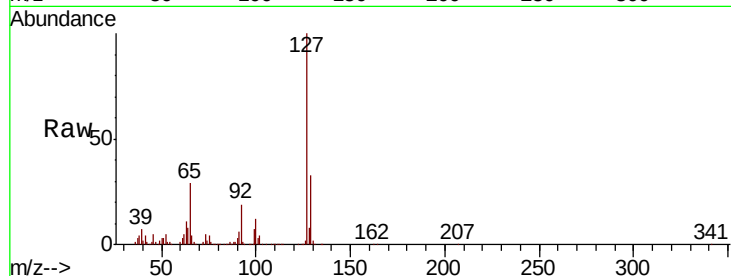




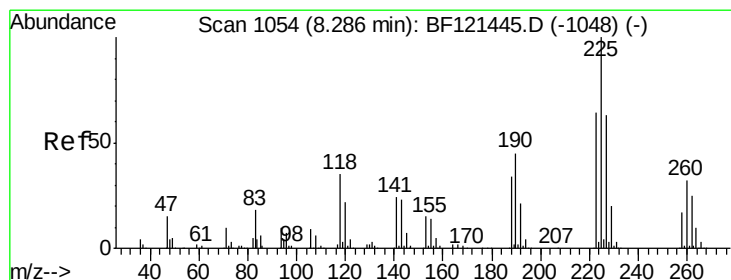
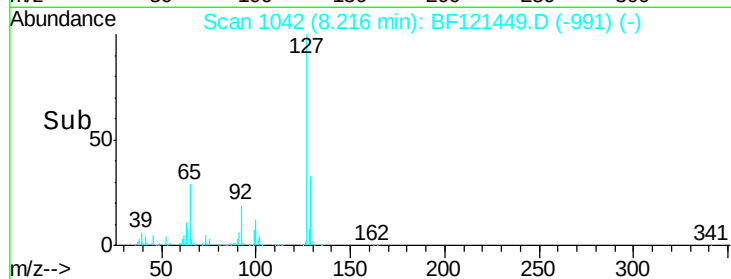
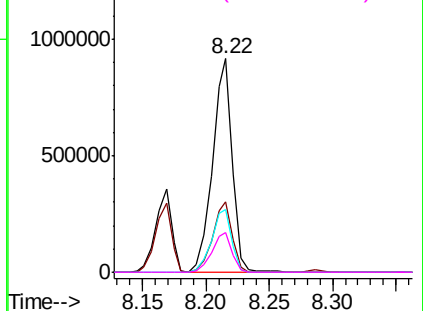
#33
4-Chloroaniline
Concen: 35.843 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

Instrument :
BNA_F
ClientSampleId :
ICVBF082720

Tot Ion:127 Resp: 1000081
Ion Ratio Lower Upper
127 100
129 33.2 26.1 39.1
65 29.3 23.7 35.5
92 18.6 15.0 22.6

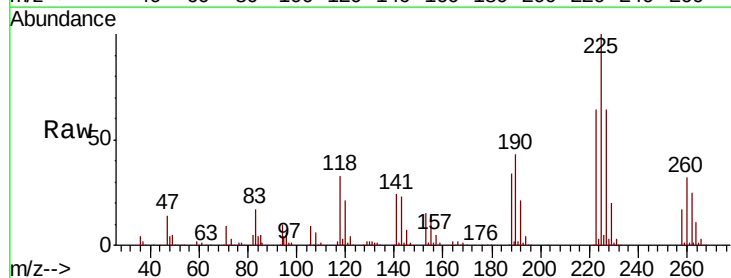


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

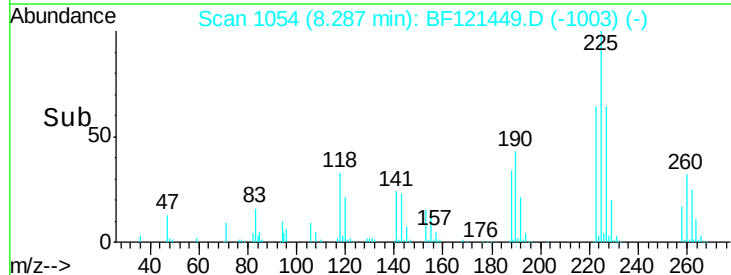
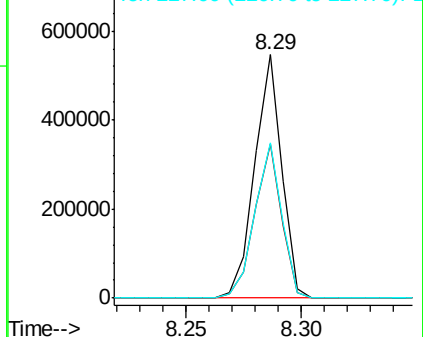


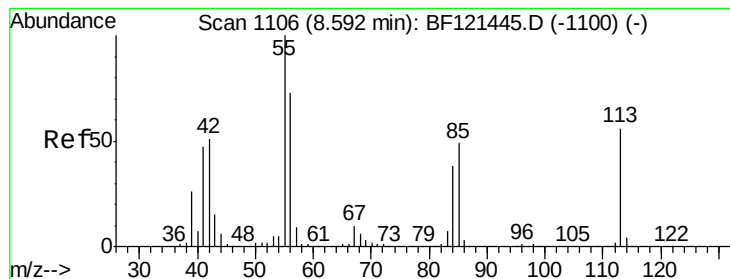
#34
Hexachlorobutadiene
Concen: 36.252 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

Tgt Ion:225 Resp: 448989
Ion Ratio Lower Upper
225 100
223 63.5 51.0 76.4
227 63.9 50.0 75.0



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: 39.668 ng

RT: 8.59 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Instrument :

BNA_F

ClientSampleId :

ICVBF082720

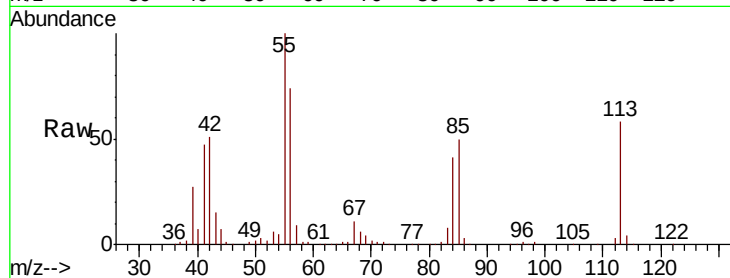
Tot Ion:113 Resp: 219953

Ion Ratio Lower Upper

113 100

55 172.8 159.9 199.9

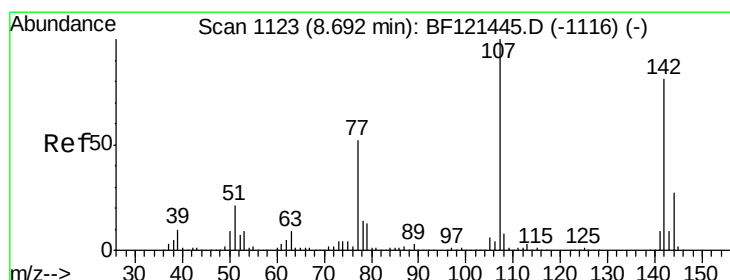
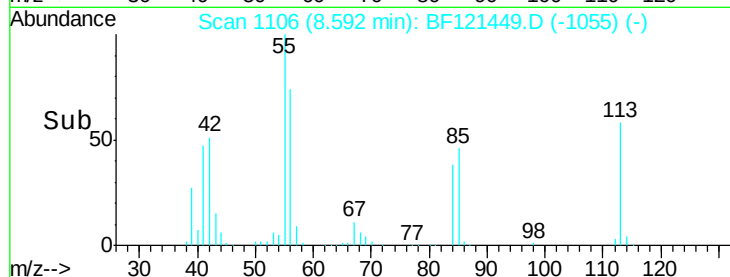
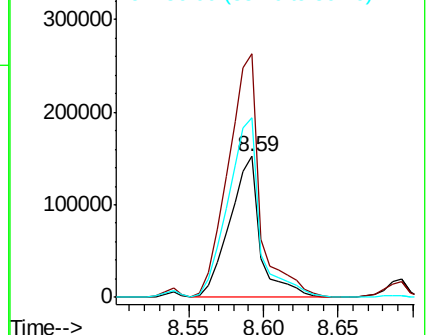
56 127.9 111.4 151.4



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: 37.762 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

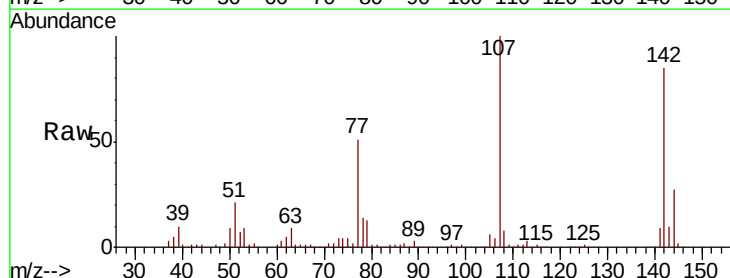
Tgt Ion:107 Resp: 676874

Ion Ratio Lower Upper

107 100

144 27.4 21.4 32.2

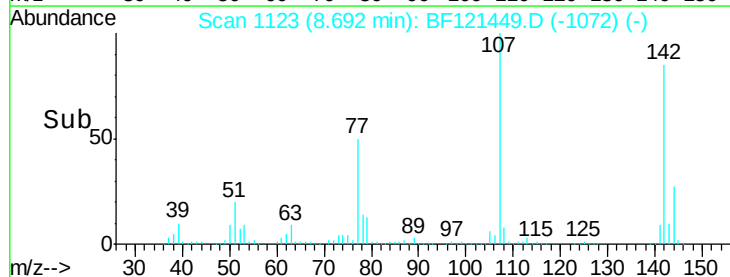
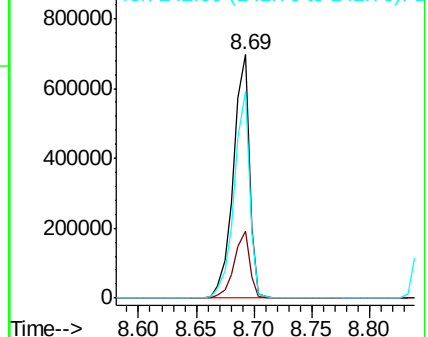
142 84.6 65.0 97.4

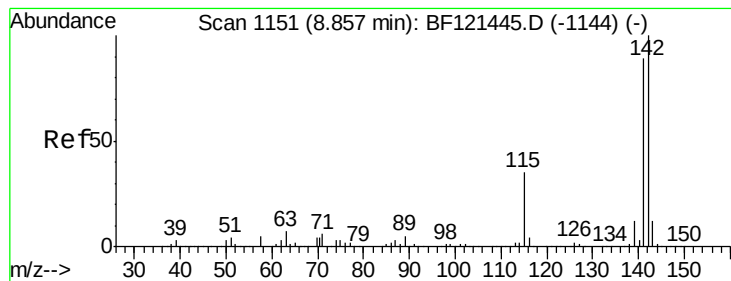


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

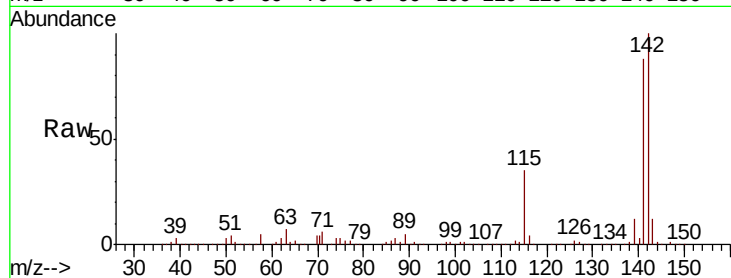




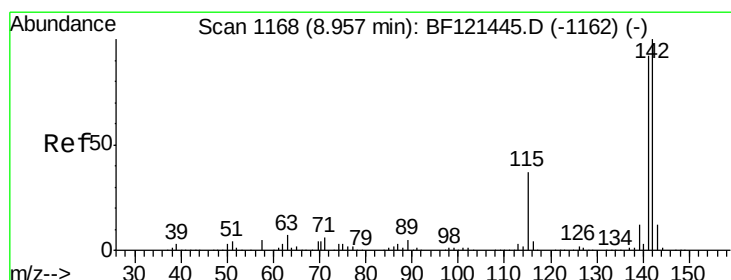
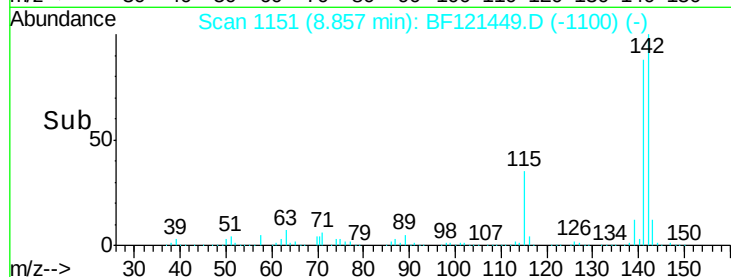
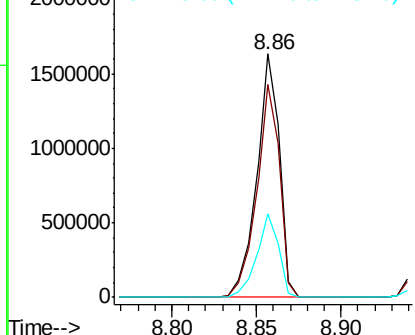
#37
2-Methylnaphthalene
Concen: 36.704 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

Instrument :
BNA_F
ClientSampleId :
ICVBF082720

Tot Ion:142 Resp: 1523418
Ion Ratio Lower Upper
142 100
141 87.7 70.8 106.2
115 34.6 28.2 42.4

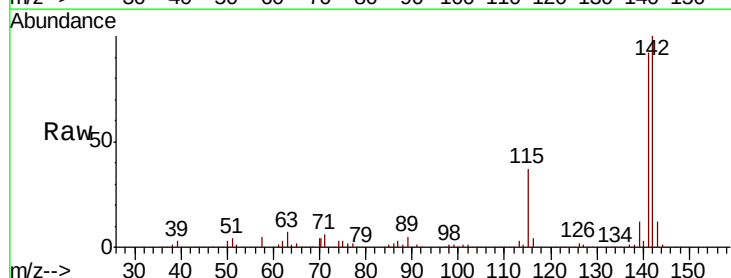


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

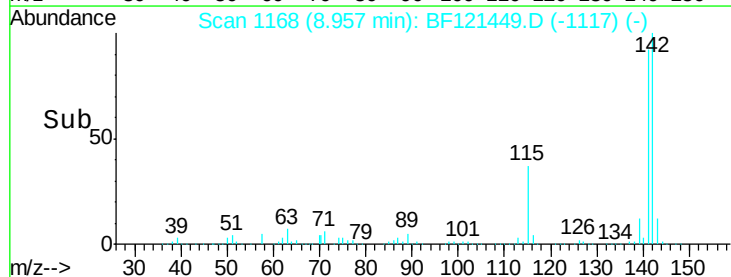
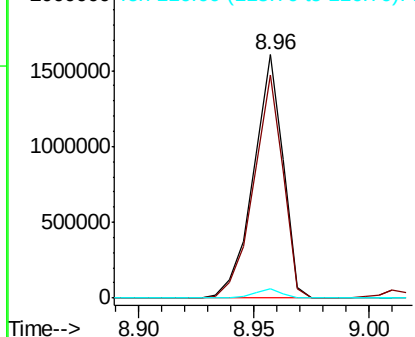


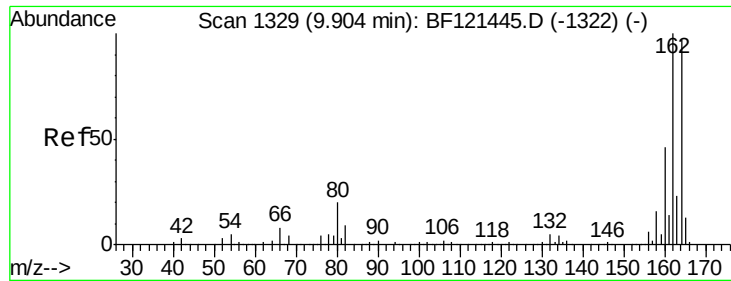
#38
1-Methylnaphthalene
Concen: 36.516 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

Tgt Ion:142 Resp: 1431109
Ion Ratio Lower Upper
142 100
141 91.9 73.7 110.5
116 3.8 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Instrument :

BNA_F

ClientSampleId :

ICVBF082720

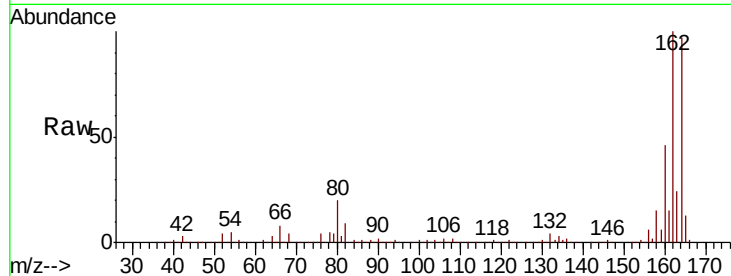
Tot Ion:164 Resp: 642638

Ion Ratio Lower Upper

164 100

162 102.7 82.4 123.6

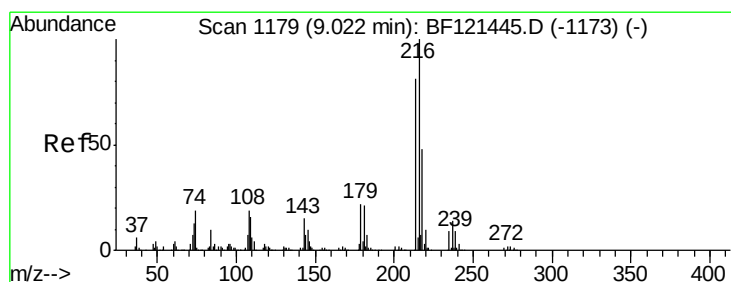
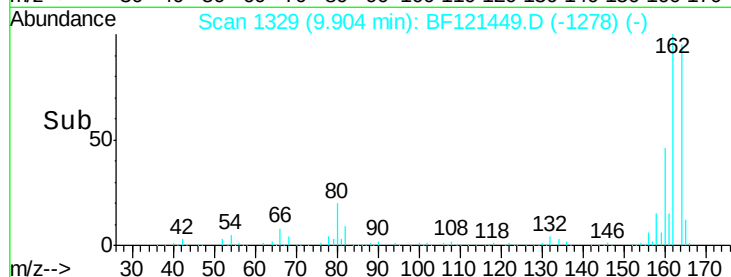
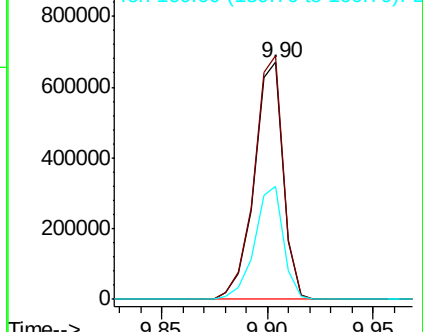
160 47.5 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.437 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Tgt Ion:216 Resp: 694129

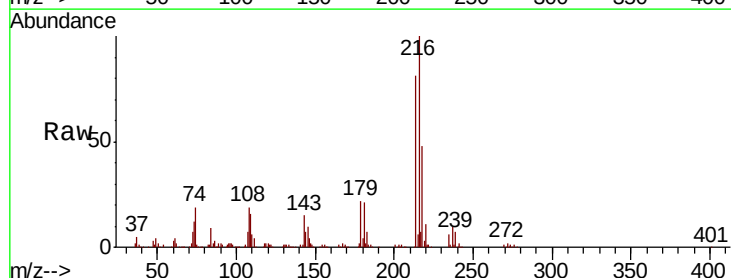
Ion Ratio Lower Upper

216 100

214 80.0 64.2 96.4

179 21.2 17.0 25.4

108 19.3 15.3 22.9

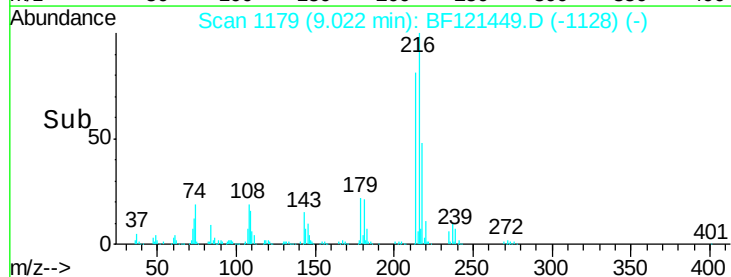
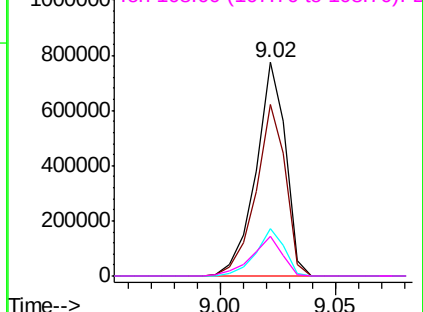


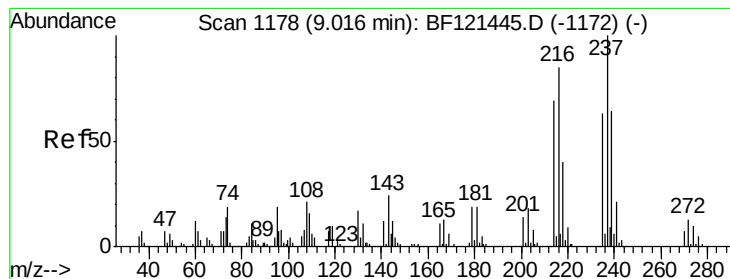
Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.672 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Instrument :

BNA_F

ClientSampleId :

ICVBF082720

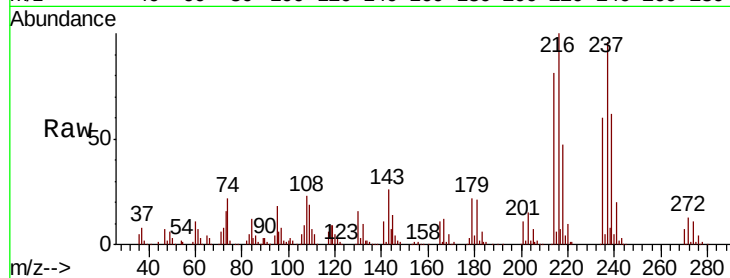
Tot Ion:237 Resp: 341840

Ion Ratio Lower Upper

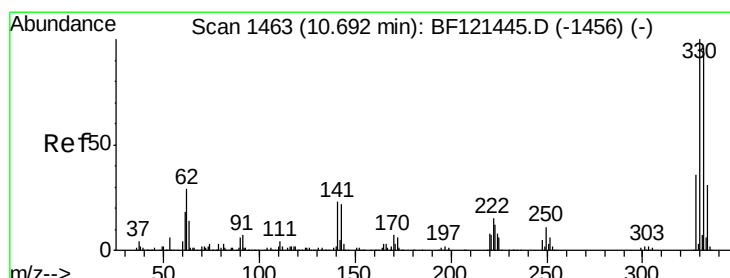
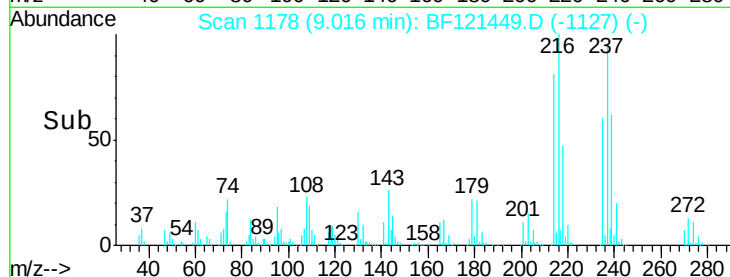
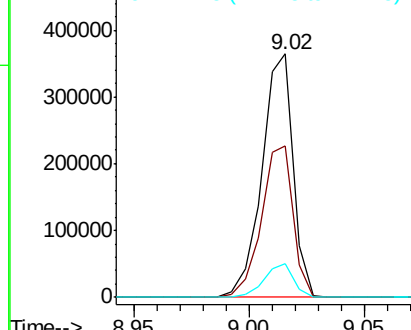
237 100

235 62.4 42.9 82.9

272 13.7 0.0 33.1



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: 87.140 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

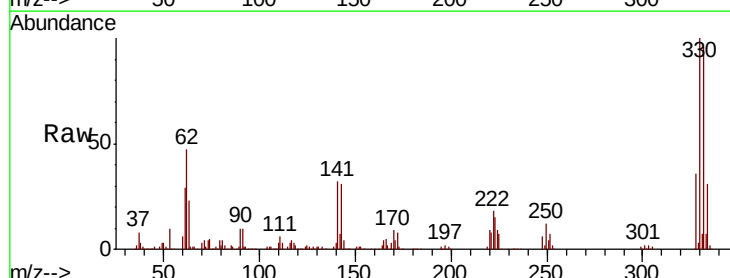
Tgt Ion:330 Resp: 565625

Ion Ratio Lower Upper

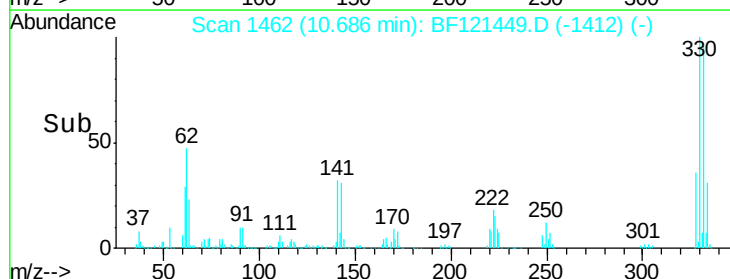
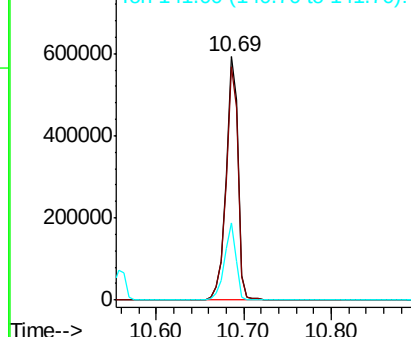
330 100

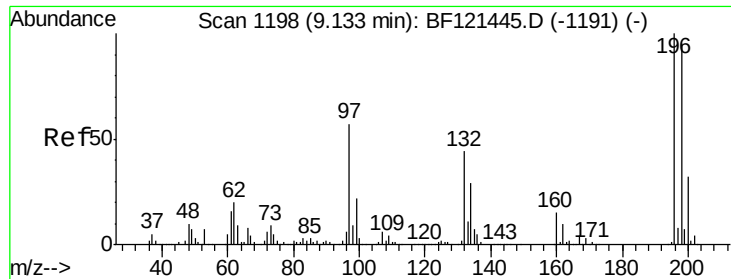
332 96.3 76.2 114.2

141 30.8 24.6 36.8



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

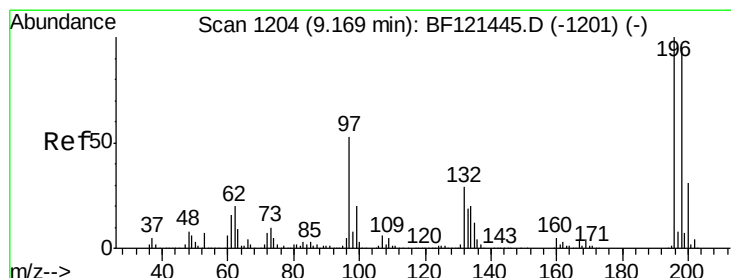
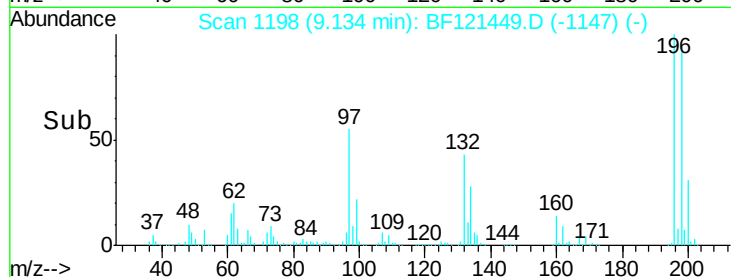
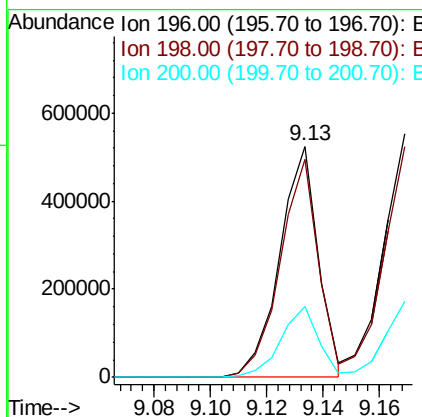
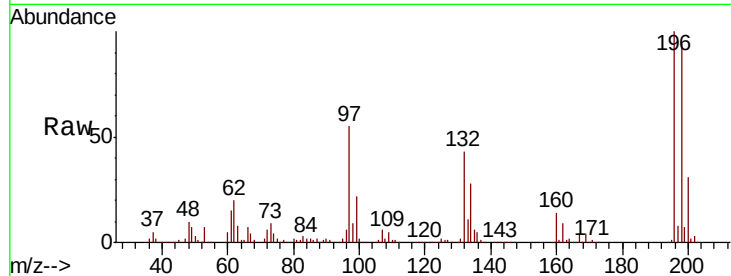




#43
 2,4,6-Trichlorophenol
 Concen: 41.095 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF121449.D
 Acq: 27 Aug 2020 21:44

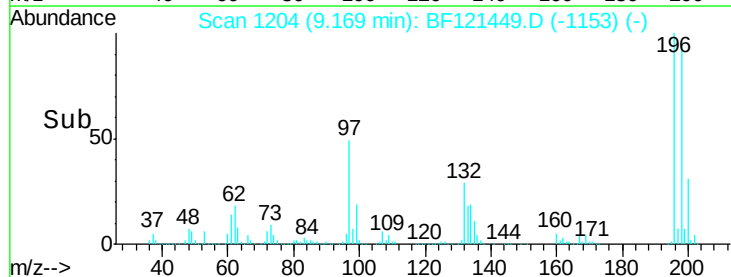
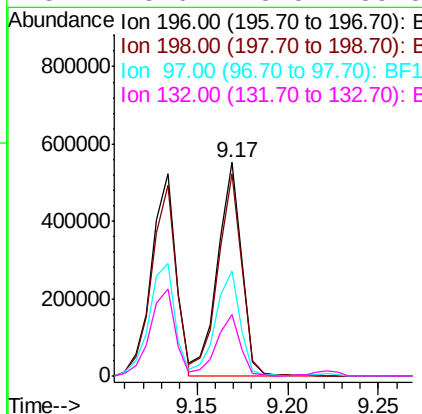
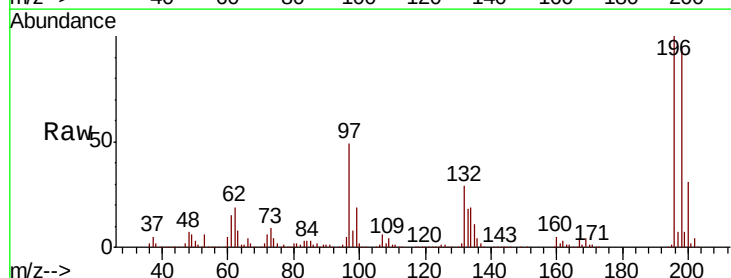
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082720

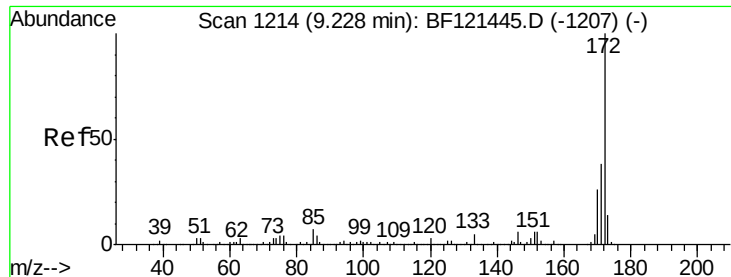
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.8	113.6
200	30.9	25.3	37.9



#44
 2,4,5-Trichlorophenol
 Concen: 42.475 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF121449.D
 Acq: 27 Aug 2020 21:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.2	114.2
97	48.9	42.6	64.0
132	28.6	23.5	35.3

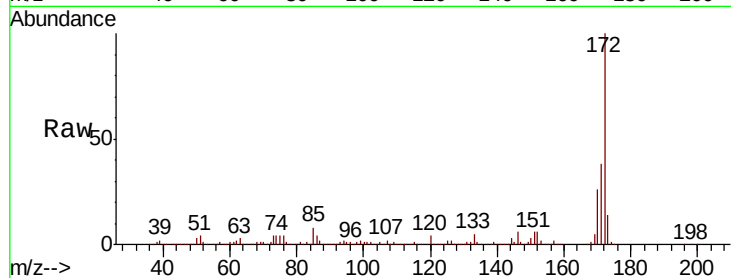




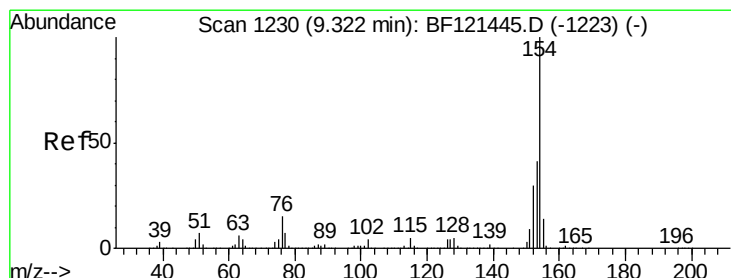
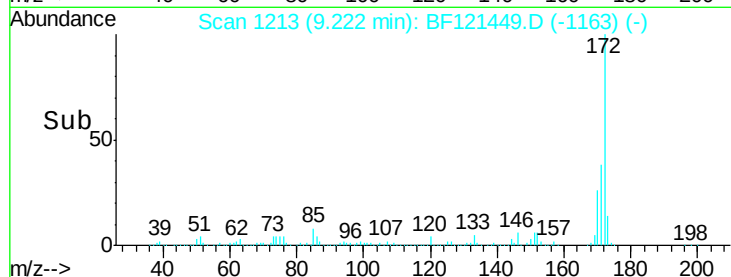
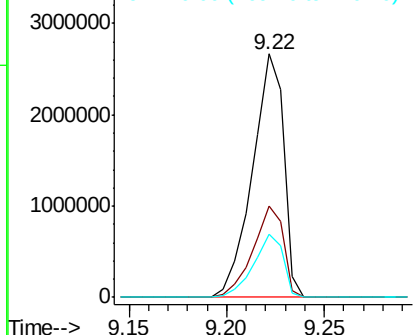
#45
2-Fluorobiphenyl
Concen: 74.241 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

Instrument :
BNA_F
ClientSampleId :
ICVBF082720

Tot Ion:172 Resp: 2956869
Ion Ratio Lower Upper
172 100
171 37.6 30.6 45.8
170 25.7 20.6 31.0

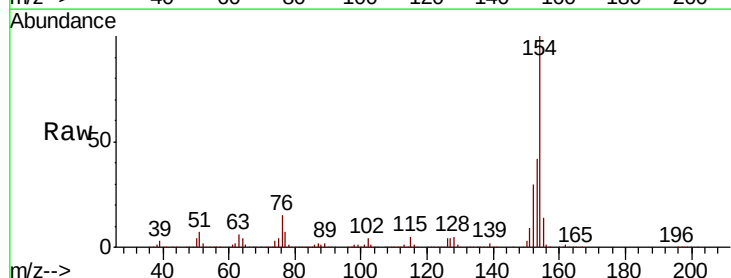


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

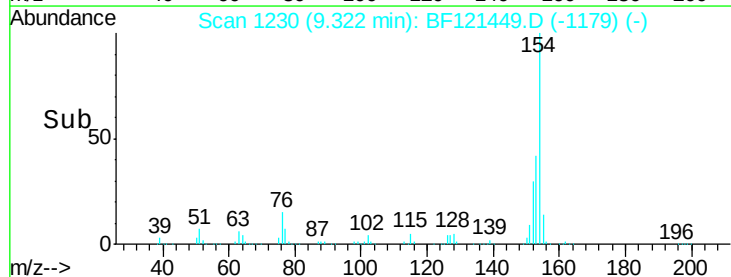
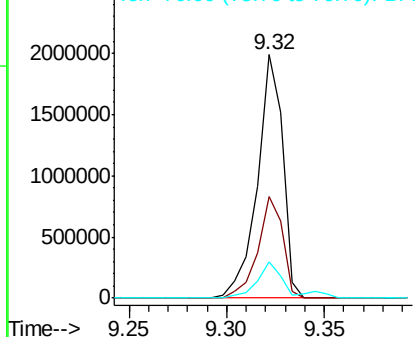


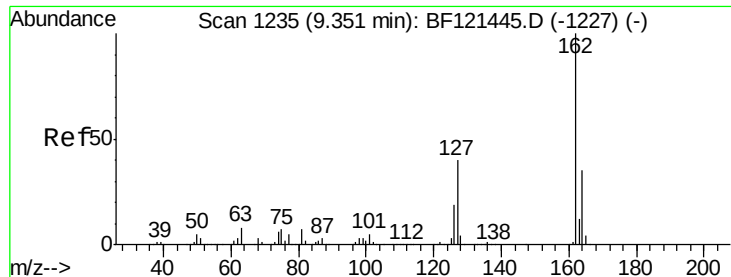
#46
1,1'-Biphenyl
Concen: 36.809 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

Tgt Ion:154 Resp: 1784990
Ion Ratio Lower Upper
154 100
153 41.9 21.2 61.2
76 15.1 0.0 35.2



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

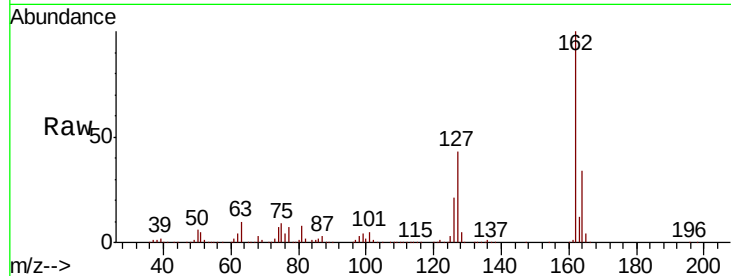




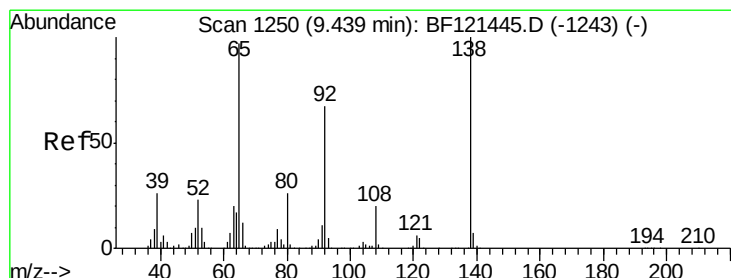
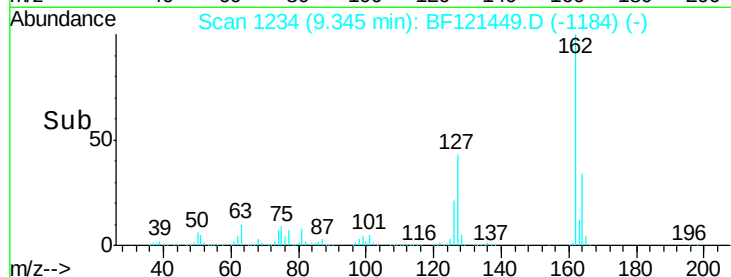
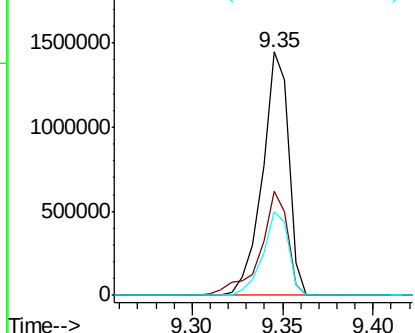
#47
 2-Chloronaphthalene
 Concen: 36.527 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF121449.D
 Acq: 27 Aug 2020 21:44

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082720

Tot Ion:162 Resp: 1455943
 Ion Ratio Lower Upper
 162 100
 127 42.6 32.6 48.8
 164 34.2 27.8 41.6

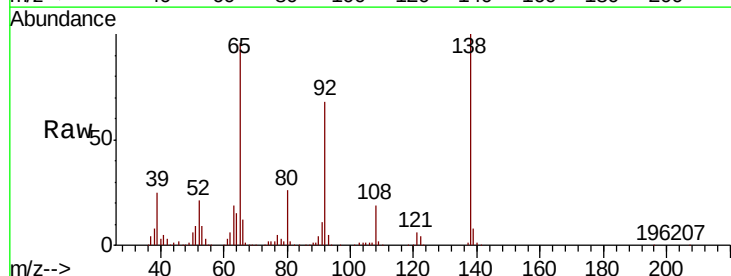


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

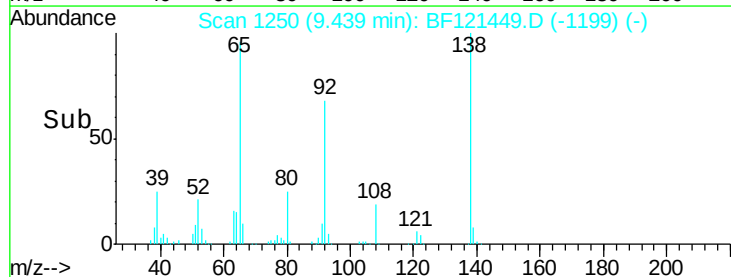
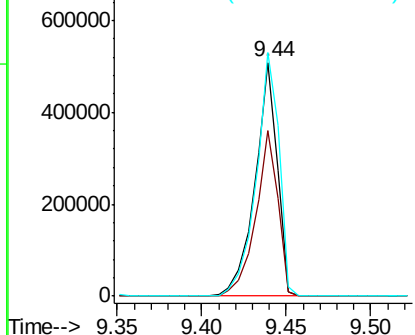


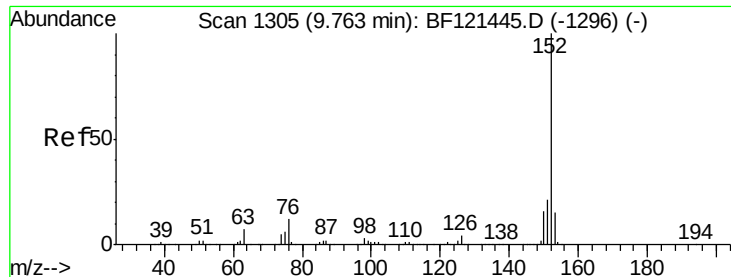
#48
 2-Nitroaniline
 Concen: 42.574 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF121449.D
 Acq: 27 Aug 2020 21:44

Tgt Ion: 65 Resp: 466542
 Ion Ratio Lower Upper
 65 100
 92 70.8 55.6 83.4
 138 104.2 82.9 124.3



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





#49

Acenaphthylene

Concen: 37.381 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Instrument :

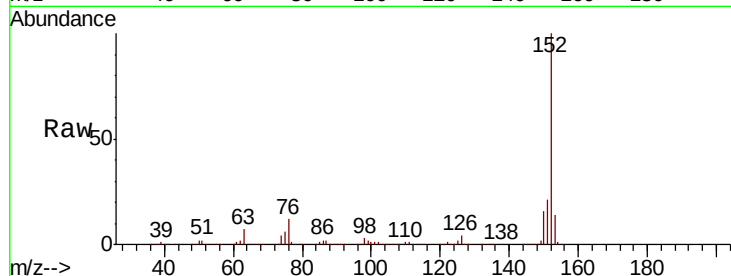
BNA_F

ClientSampleId :

ICVBF082720

Tot Ion:152 Resp: 2234915

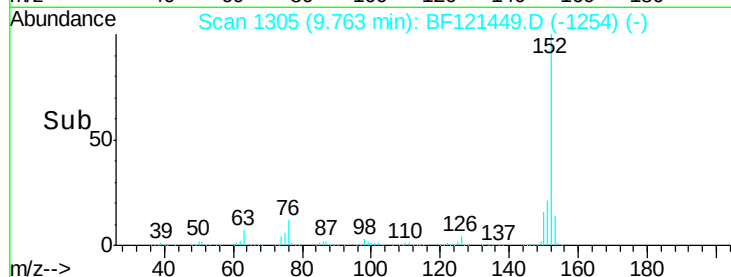
Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.2	25.8
153	14.2	11.6	17.4



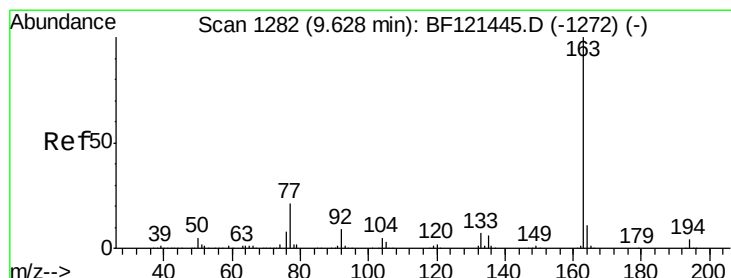
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 37.165 ng

RT: 9.63 min Scan# 1282

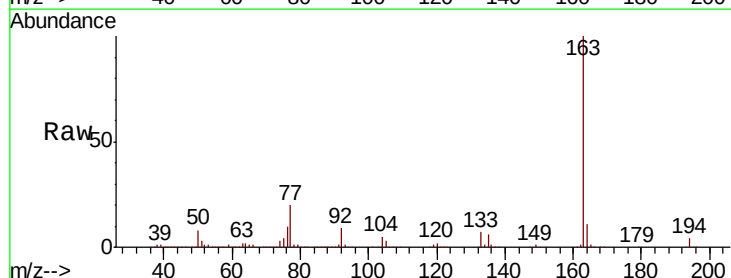
Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Tgt Ion:163 Resp: 1640602

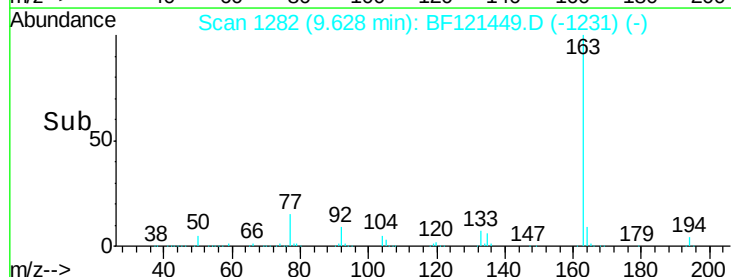
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.5	8.6	12.8



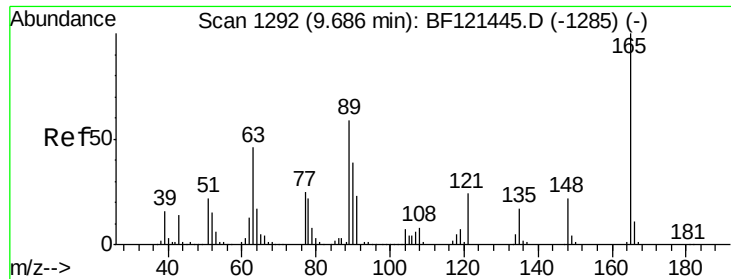
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



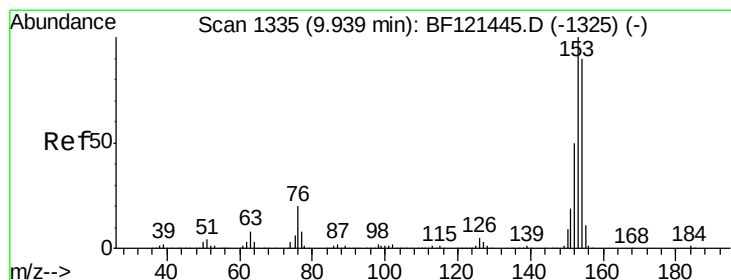
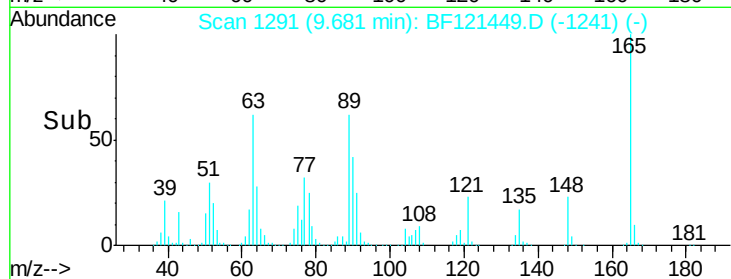
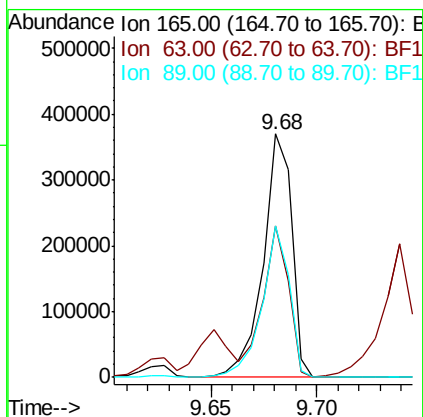
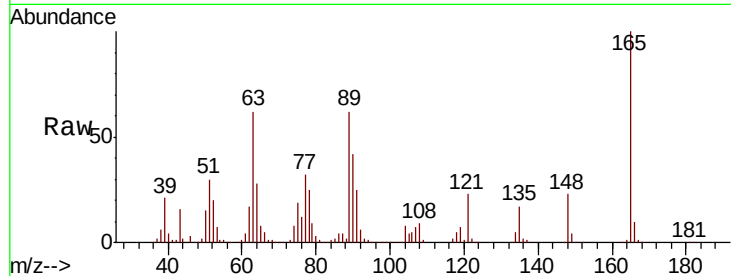
Time-->



#51
 2,6-Dinitrotoluene
 Concen: 42.946 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF121449.D
 Acq: 27 Aug 2020 21:44

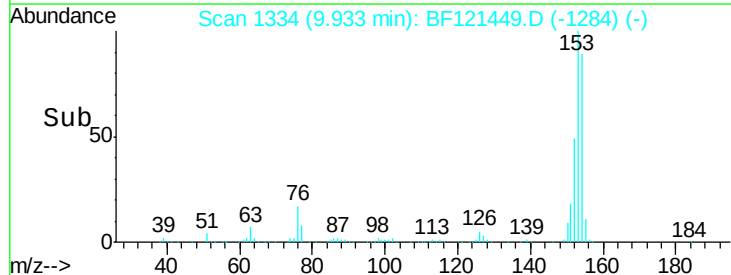
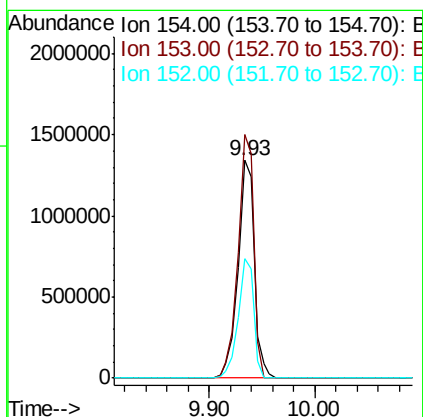
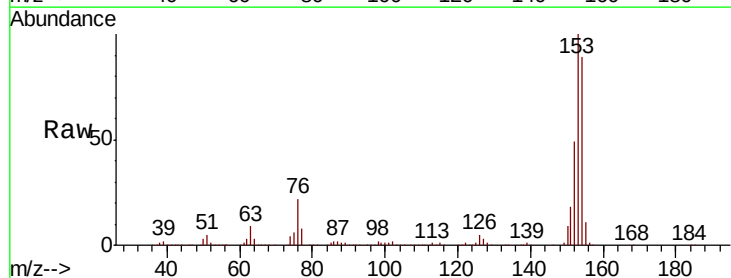
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082720

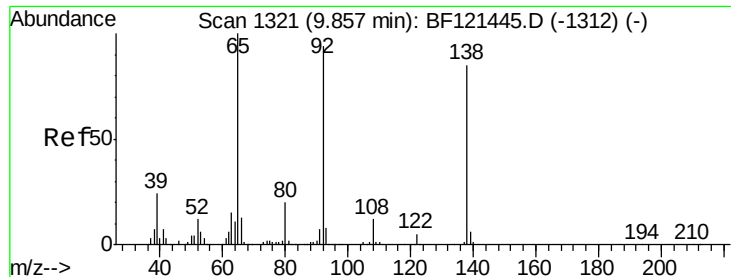
Tot Ion	Ratio	Lower	Upper
165	100		
63	62.3	43.6	65.4
89	62.1	47.4	71.2



#52
 Acenaphthene
 Concen: 37.365 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF121449.D
 Acq: 27 Aug 2020 21:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	88.9	133.3
152	55.0	44.1	66.1

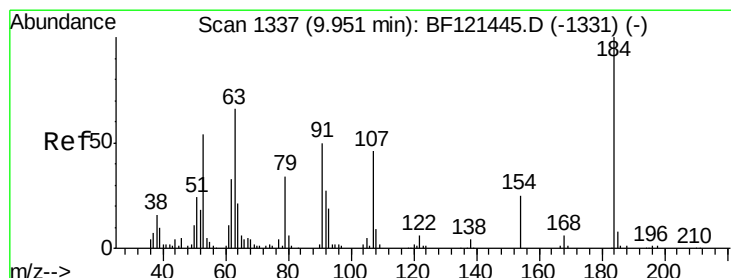
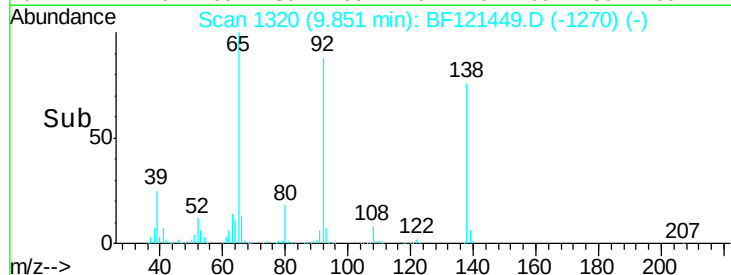
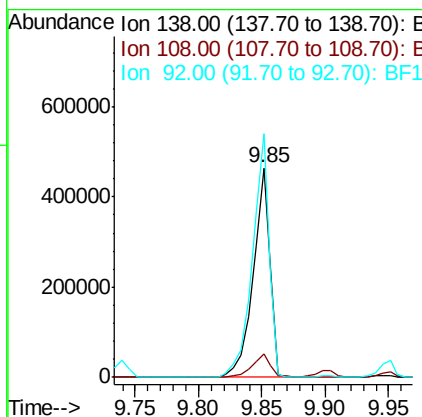
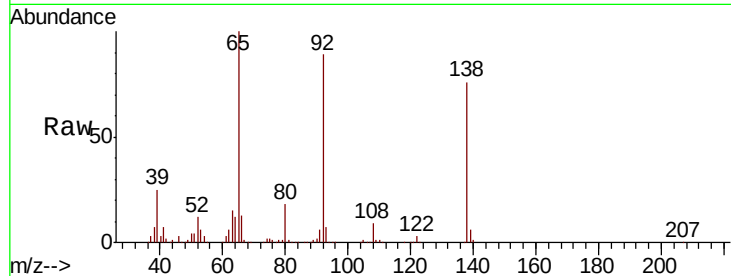




#53
3-Nitroaniline
Concen: 41.909 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

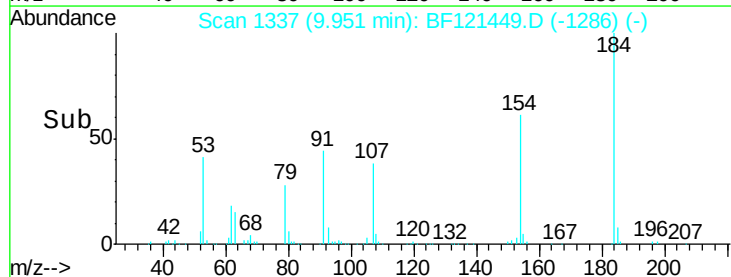
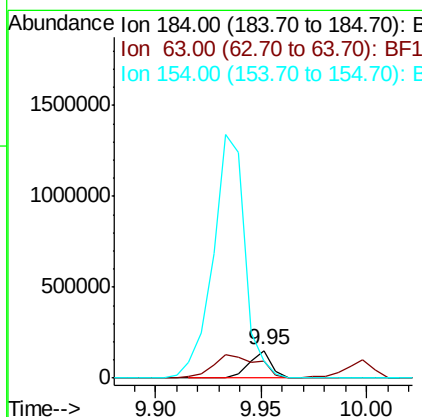
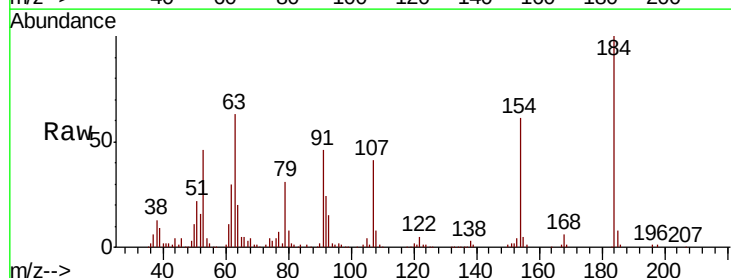
Instrument :
BNA_F
ClientSampleId :
ICVBF082720

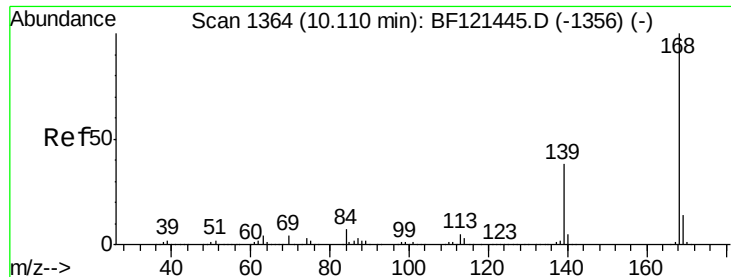
Tot Ion:138 Resp: 433532
Ion Ratio Lower Upper
138 100
108 11.5 11.6 17.4#
92 116.3 88.6 132.8



#54
2,4-Dinitrophenol
Concen: 47.597 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

Tgt Ion:184 Resp: 116834
Ion Ratio Lower Upper
184 100
63 63.2 56.8 85.2
154 61.1 55.9 83.9

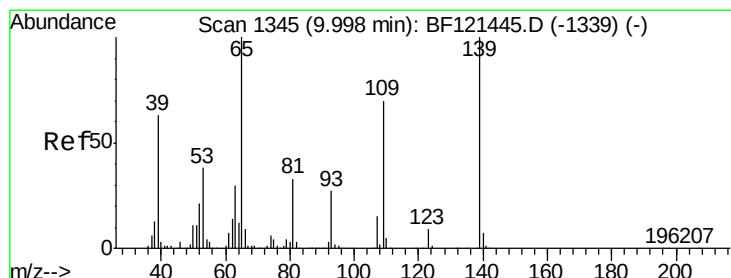
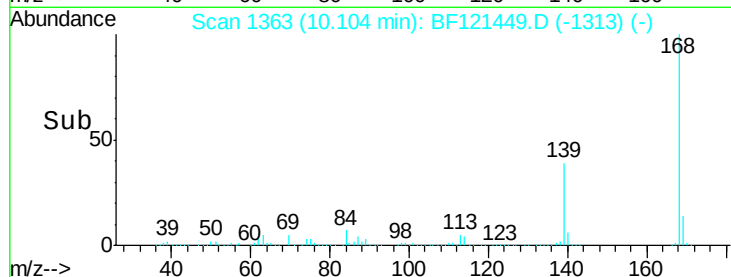
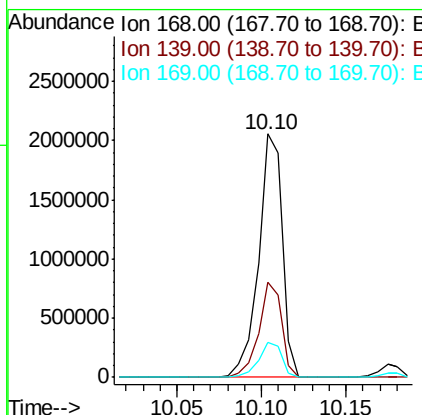
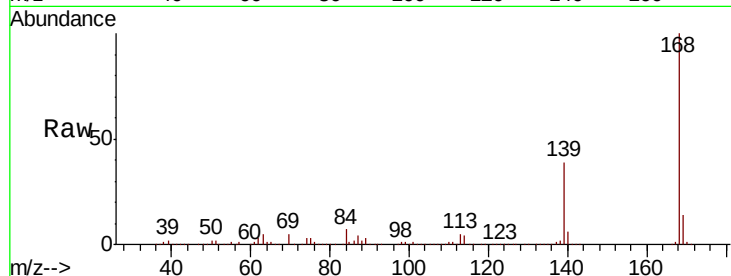




#55
Dibenzofuran
Concen: 36.584 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

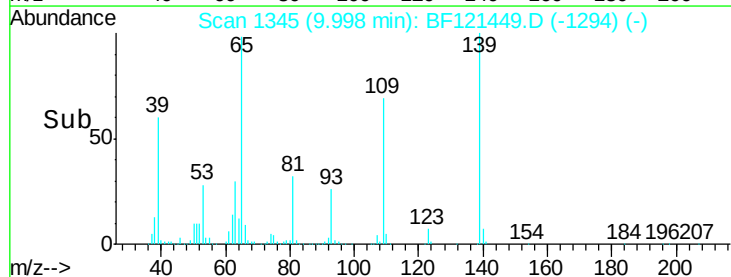
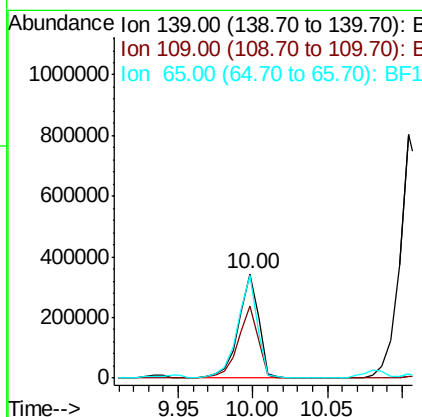
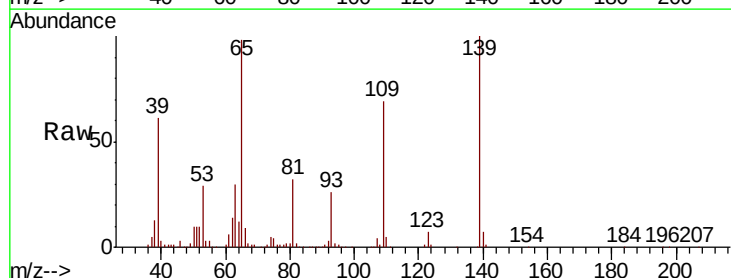
Instrument :
BNA_F
ClientSampleId :
ICVBF082720

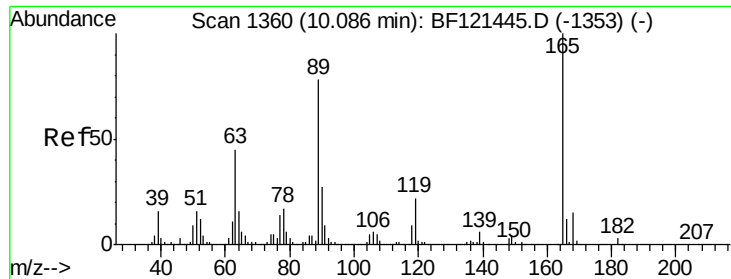
Tot Ion:168 Resp: 2006247
Ion Ratio Lower Upper
168 100
139 39.0 30.1 45.1
169 14.4 11.2 16.8



#56
4-Nitrophenol
Concen: 42.127 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

Tgt Ion:139 Resp: 323908
Ion Ratio Lower Upper
139 100
109 69.0 50.5 90.5
65 98.3 80.2 120.2





#57

2,4-Dinitrotoluene

Concen: 43.630 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Instrument :

BNA_F

ClientSampleId :

ICVBF082720

Tot Ion:165 Resp: 436400

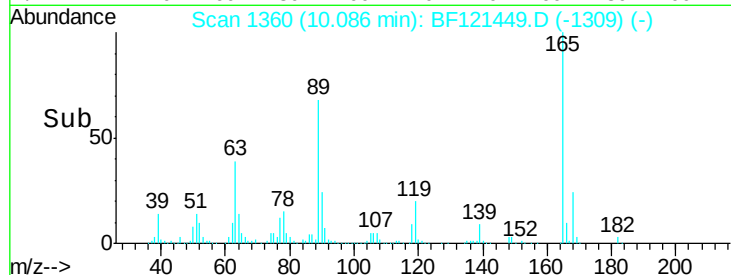
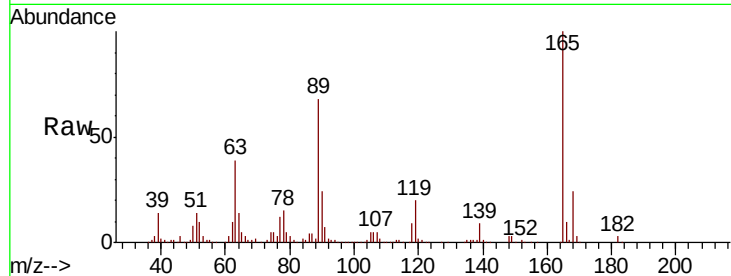
Ion Ratio Lower Upper

165 100

63 39.3 36.0 54.0

89 68.5 62.6 93.8

182 2.7 2.2 3.2

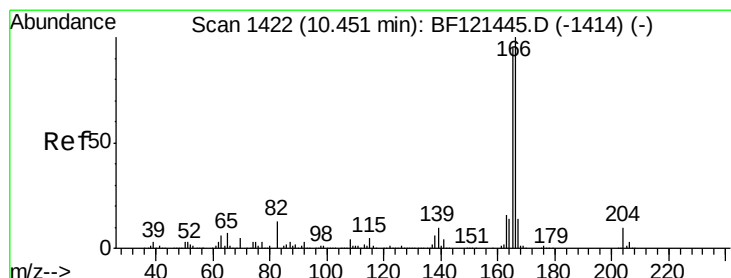
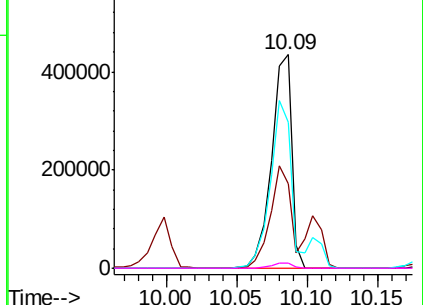


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 36.016 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

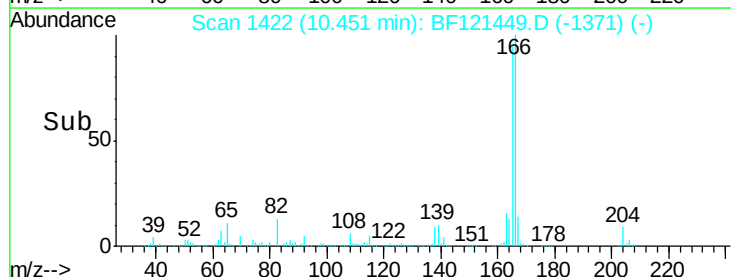
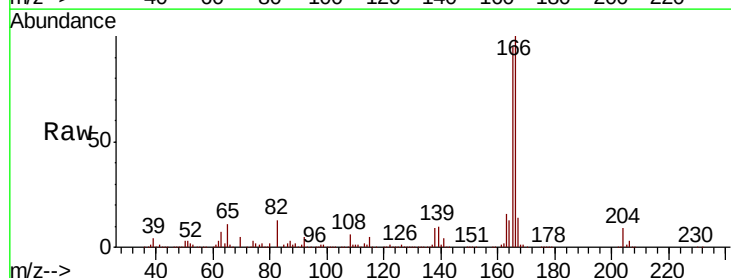
Tgt Ion:166 Resp: 1488913

Ion Ratio Lower Upper

166 100

165 95.1 75.7 113.5

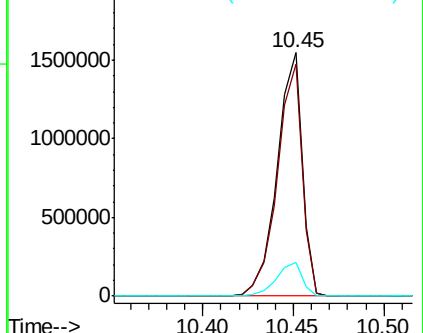
167 13.8 11.1 16.7

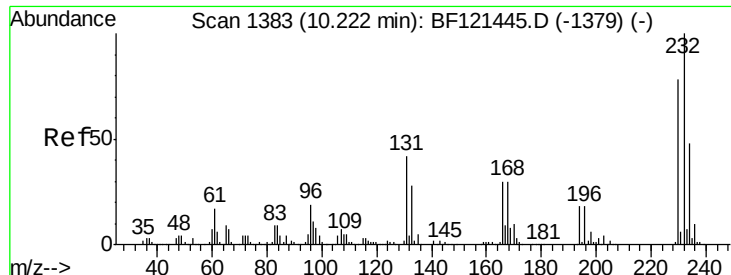


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

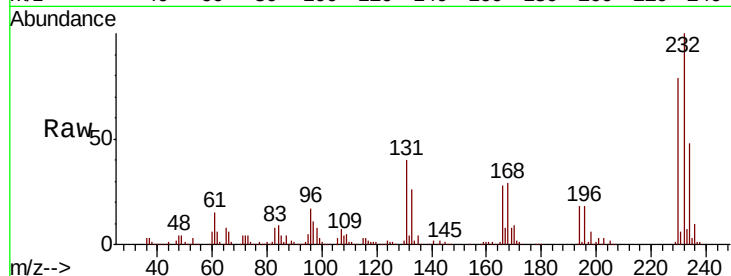




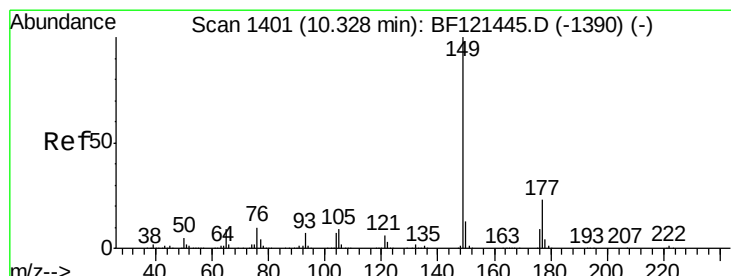
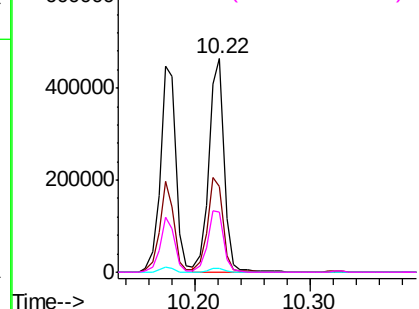
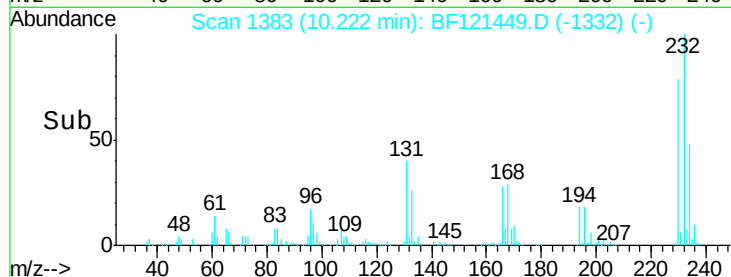
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.014 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF121449.D
 Acq: 27 Aug 2020 21:44

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082720

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.4	35.7	53.5
130	2.2	1.8	2.6
166	30.7	24.1	36.1

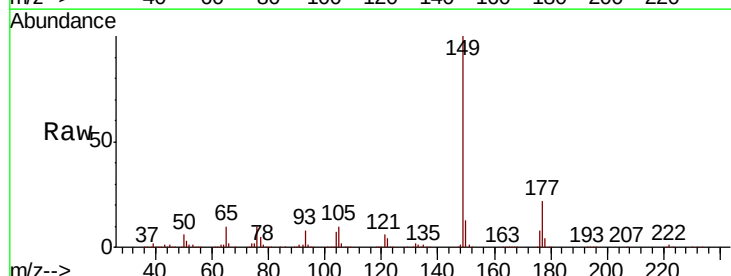


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

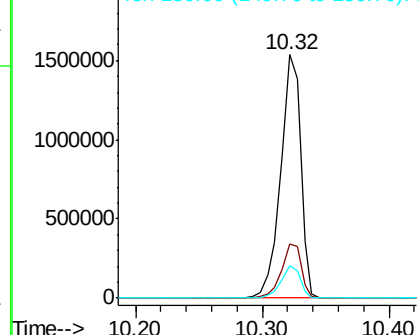
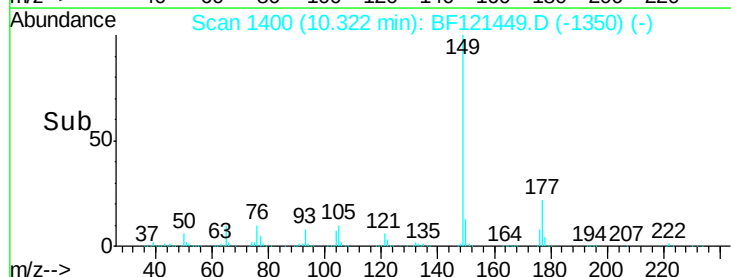


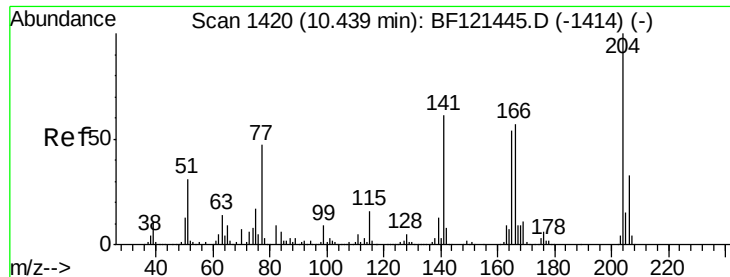
#60
 Diethylphthalate
 Concen: 37.876 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF121449.D
 Acq: 27 Aug 2020 21:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.3	27.5
150	13.1	10.4	15.6



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

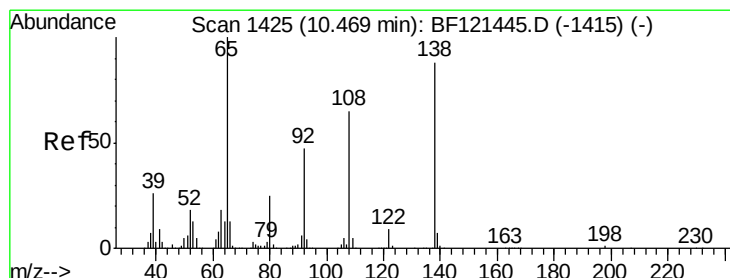
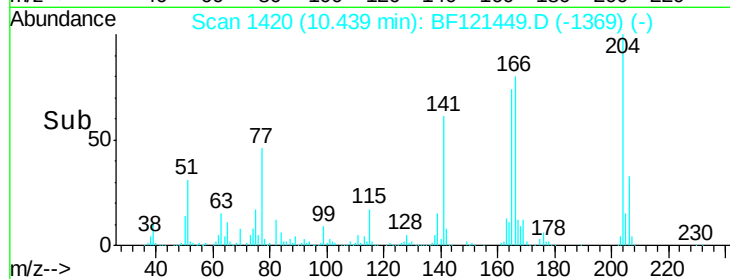
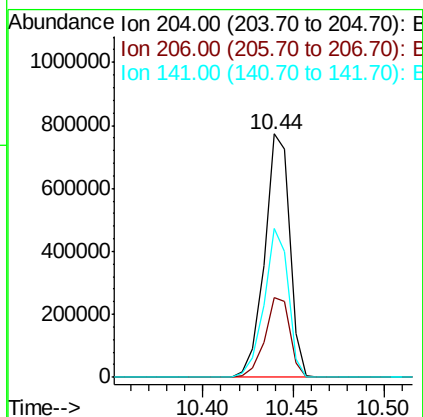
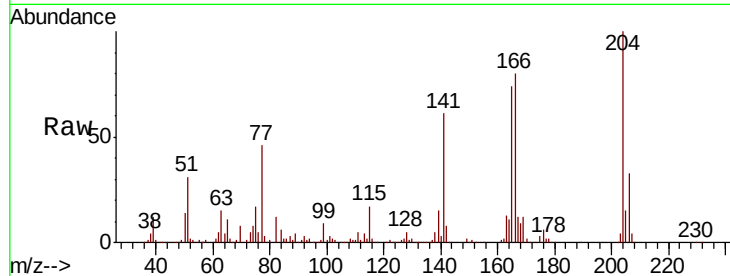




#61
 4-Chlorophenyl-phenylether
 Concen: 35.962 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF121449.D
 Acq: 27 Aug 2020 21:44

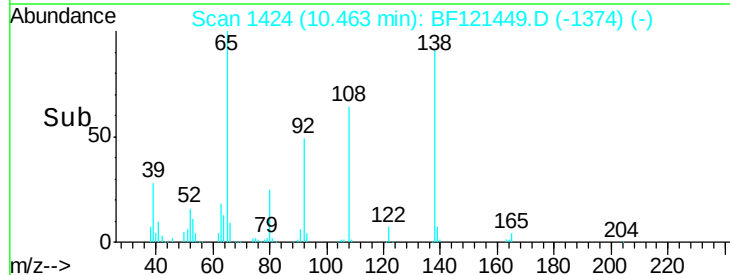
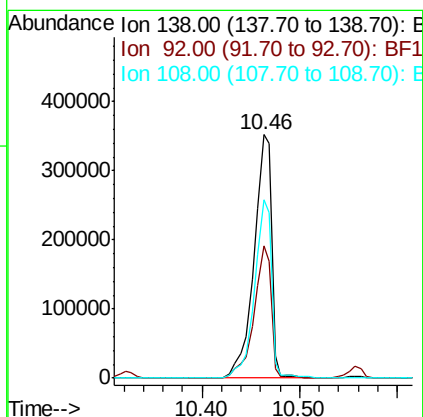
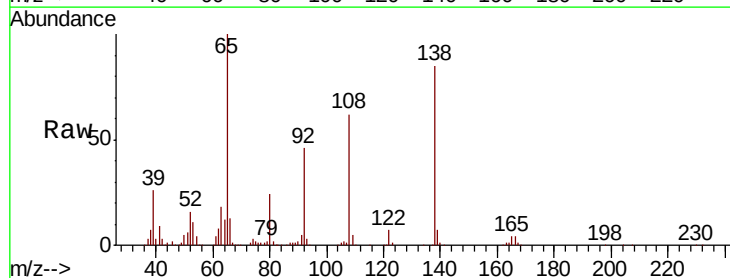
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082720

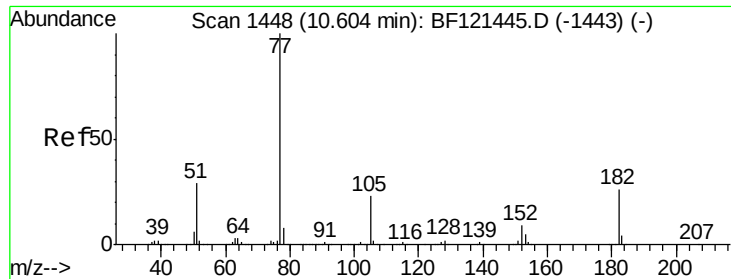
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	61.1	48.7	73.1



#62
 4-Nitroaniline
 Concen: 41.708 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF121449.D
 Acq: 27 Aug 2020 21:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.5	33.2	73.2
108	73.2	53.6	93.6

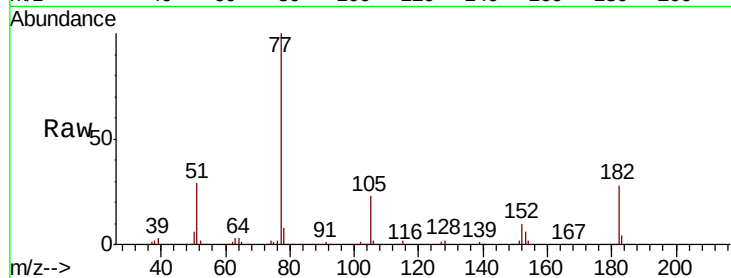




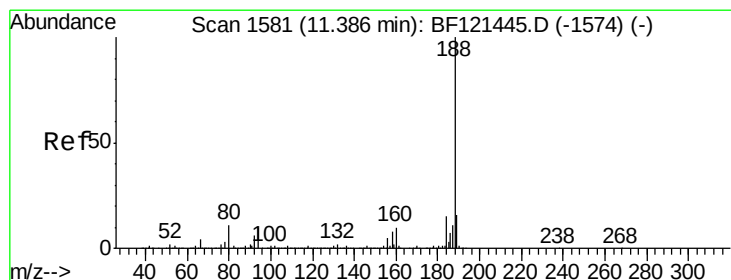
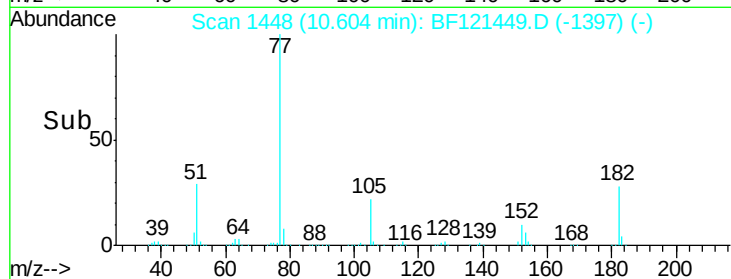
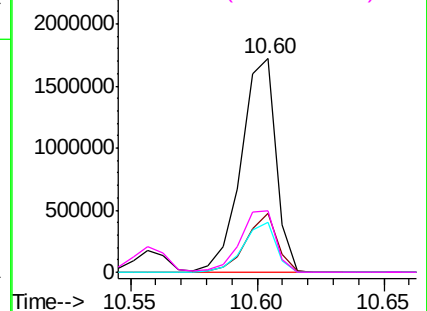
#63
Azobenzene
Concen: 37.297 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

Instrument :
BNA_F
ClientSampleId :
ICVBF082720

Tot Ion: 77 Resp: 1635768
Ion Ratio Lower Upper
77 100
182 27.9 6.2 46.2
105 23.2 3.3 43.3
51 29.0 9.5 49.5

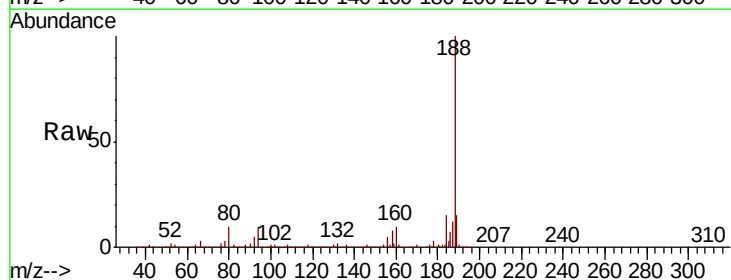


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

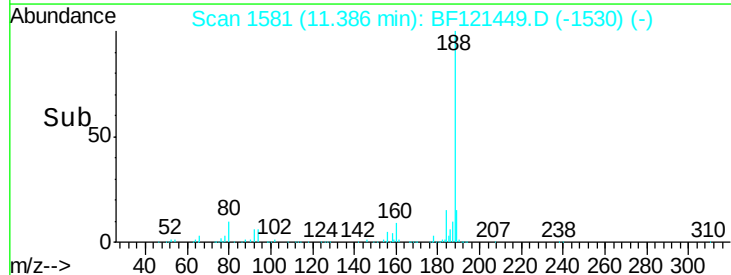
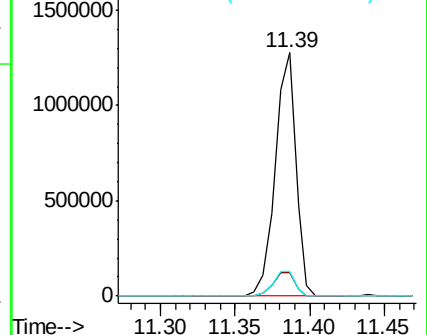


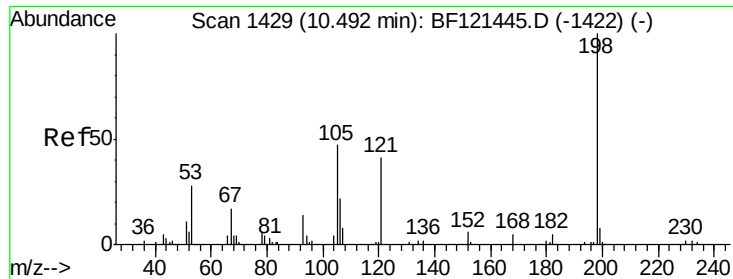
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

Tgt Ion: 188 Resp: 1226072
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 10.3 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

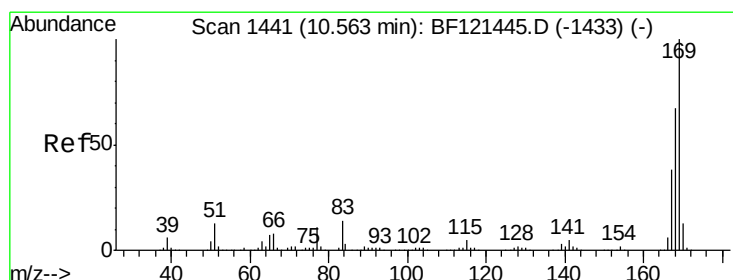
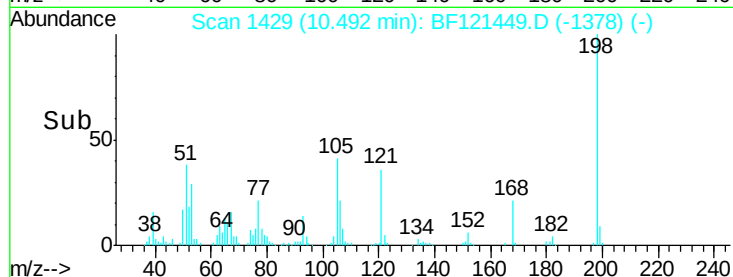
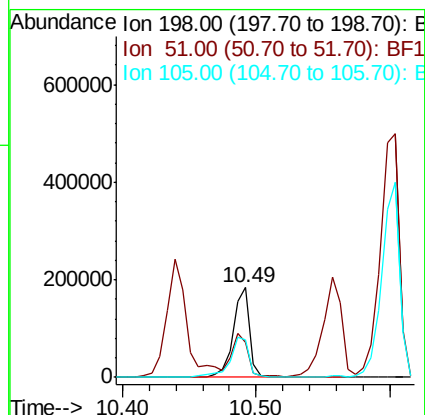
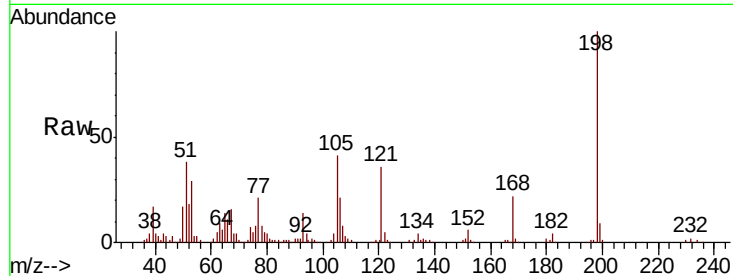




#65
4,6-Dinitro-2-methylphenol
Concen: 46.530 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

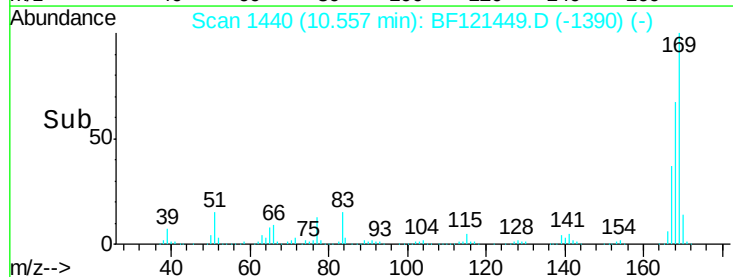
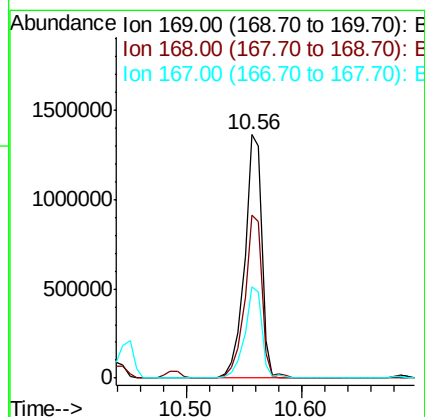
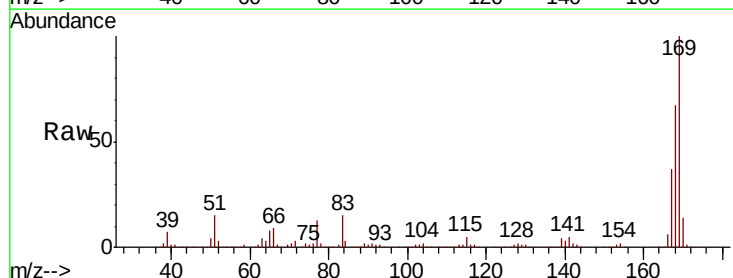
Instrument :
BNA_F
ClientSampleId :
ICVBF082720

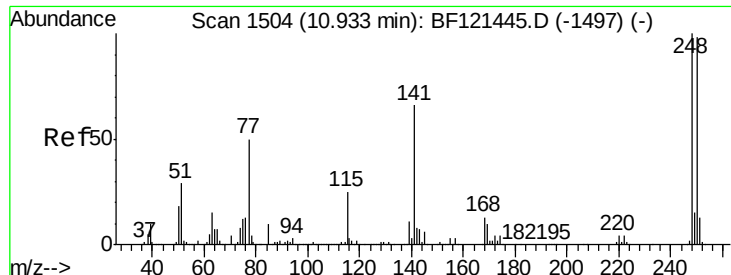
Tot Ion:198 Resp: 160405
Ion Ratio Lower Upper
198 100
51 38.3 29.0 69.0
105 41.2 29.1 69.1



#66
n-Nitrosodiphenylamine
Concen: 35.915 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

Tgt Ion:169 Resp: 1392698
Ion Ratio Lower Upper
169 100
168 66.9 54.0 81.0
167 37.3 30.2 45.2

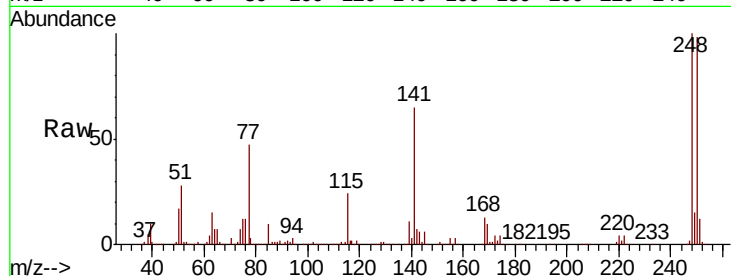




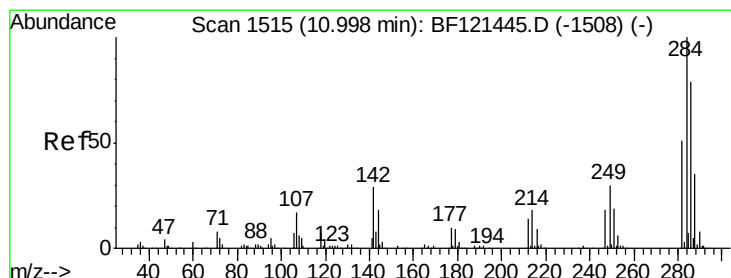
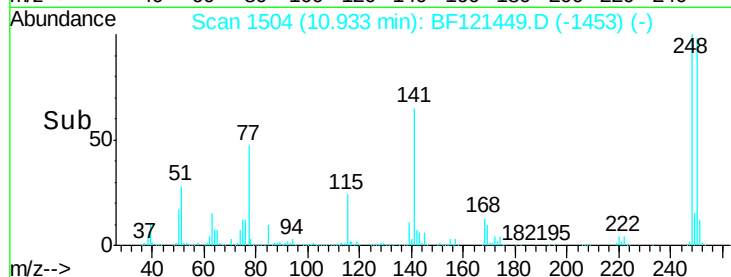
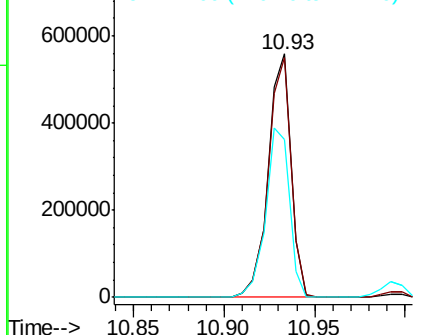
#67
4-Bromophenyl-phenylether
Concen: 36.244 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

Instrument :
BNA_F
ClientSampleId :
ICVBF082720

Tot Ion:248 Resp: 488856
Ion Ratio Lower Upper
248 100
250 98.4 78.7 118.1
141 65.1 52.6 78.8

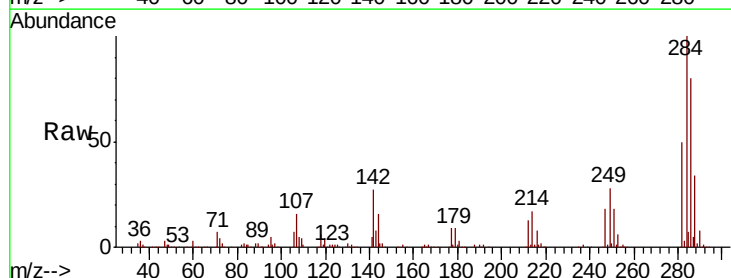


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

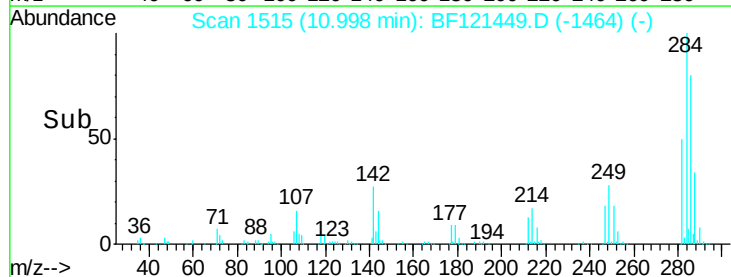
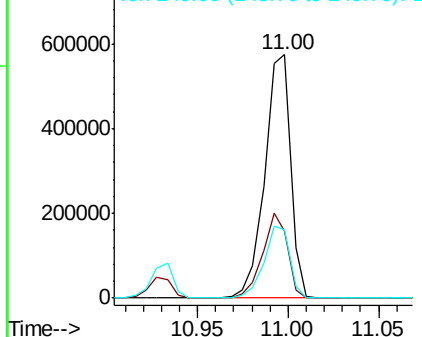


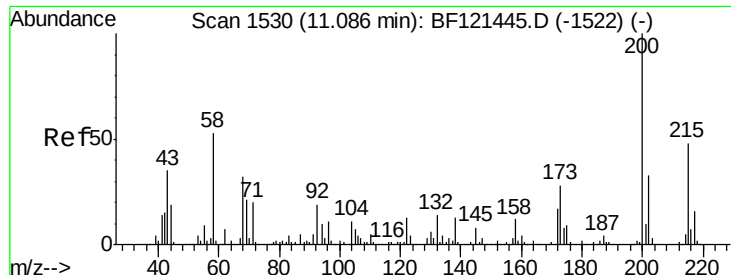
#68
Hexachlorobenzene
Concen: 36.134 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

Tgt Ion:284 Resp: 569918
Ion Ratio Lower Upper
284 100
142 27.3 23.4 35.0
249 28.0 23.8 35.6



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

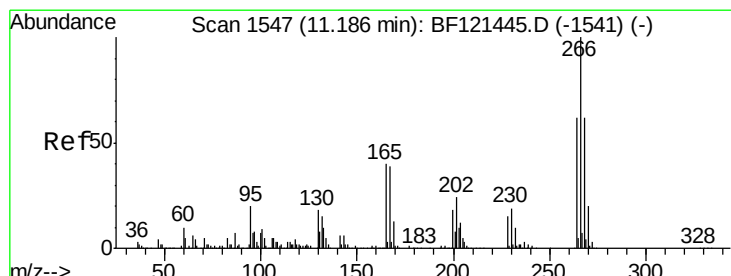
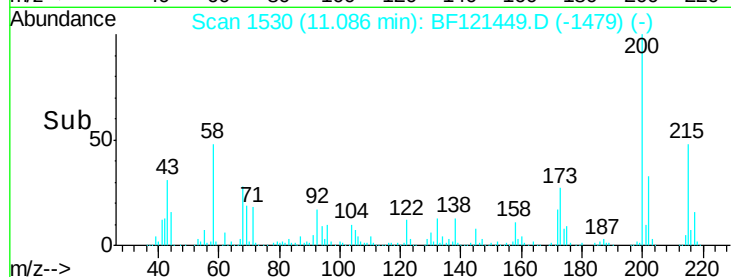
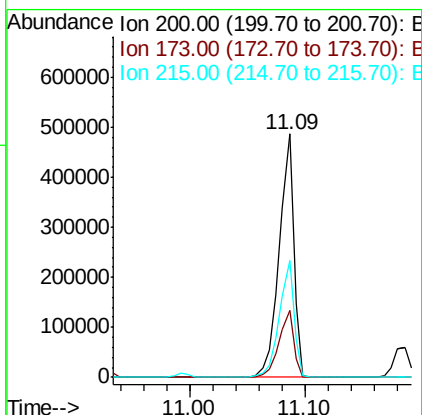
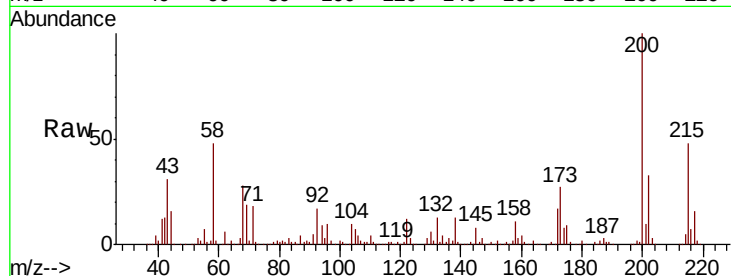




#69
 Atrazine
 Concen: 38.288 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: BF121449.D
 Acq: 27 Aug 2020 21:44

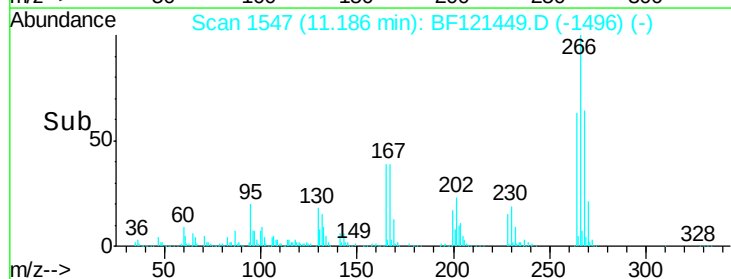
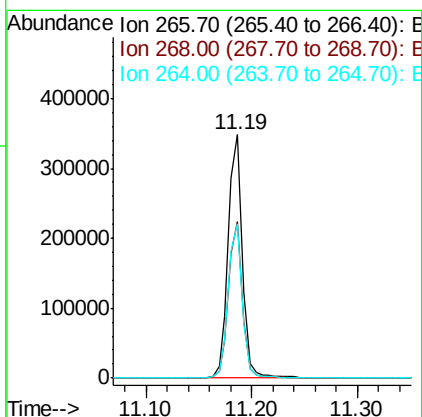
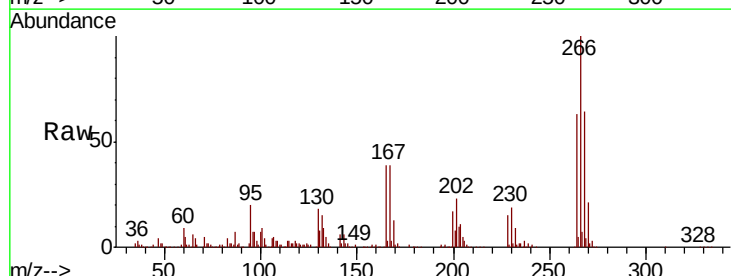
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082720

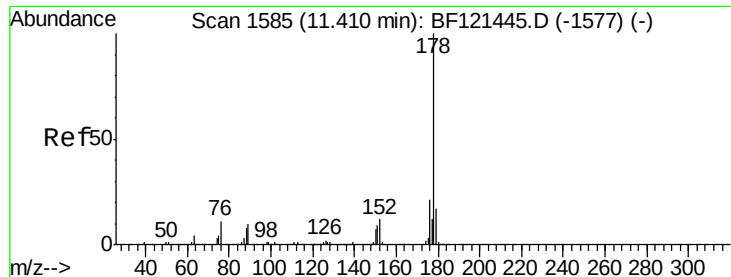
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	8.1	48.1
215	47.8	28.5	68.5



#70
 Pentachlorophenol
 Concen: 45.011 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BF121449.D
 Acq: 27 Aug 2020 21:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	49.7	74.5
264	63.4	49.4	74.0

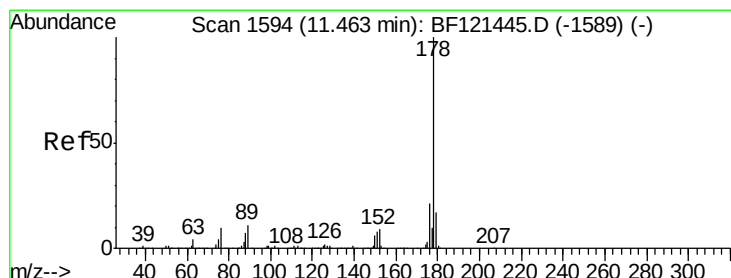
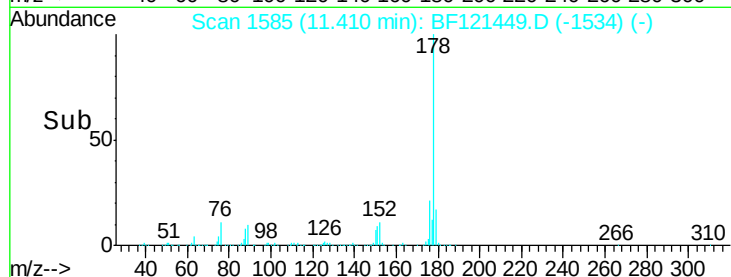
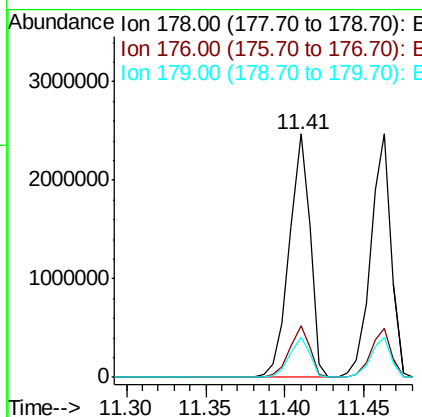
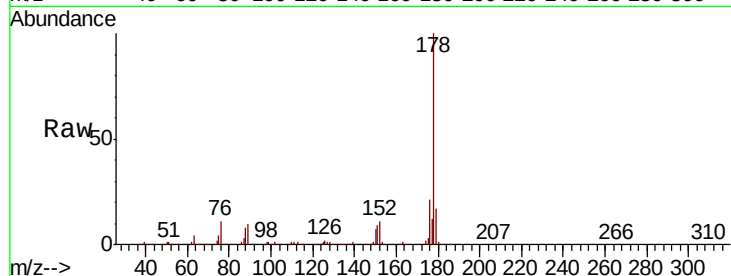




#71
Phenanthrene
Concen: 36.004 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

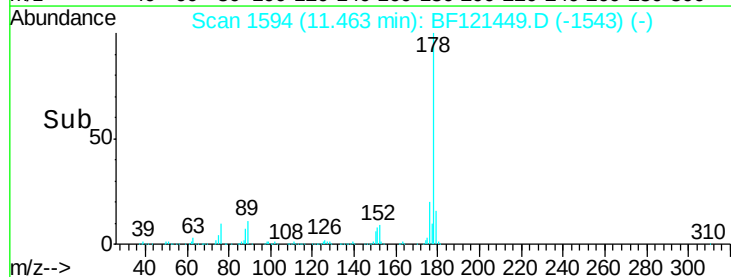
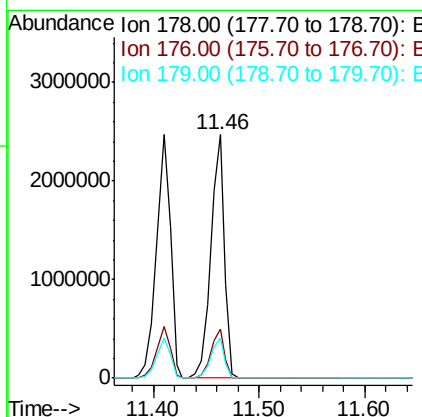
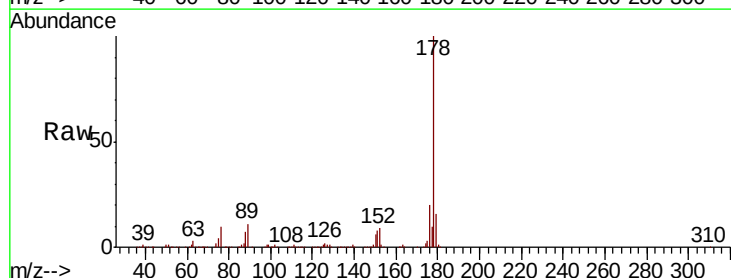
Instrument :
BNA_F
ClientSampleId :
ICVBF082720

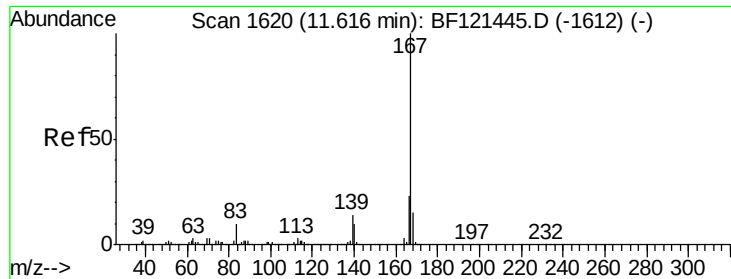
Tot Ion:178 Resp: 2265350
Ion Ratio Lower Upper
178 100
176 21.4 16.9 25.3
179 16.6 13.4 20.0



#72
Anthracene
Concen: 36.168 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

Tgt Ion:178 Resp: 2238243
Ion Ratio Lower Upper
178 100
176 20.4 16.7 25.1
179 16.5 13.4 20.2



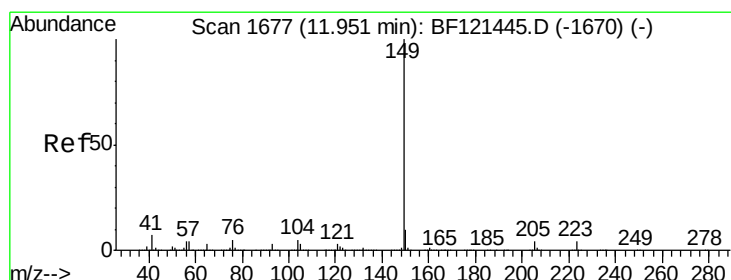
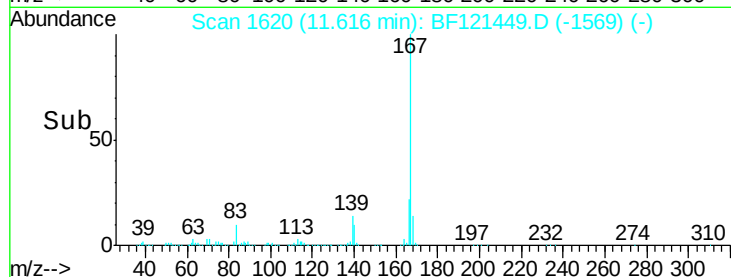
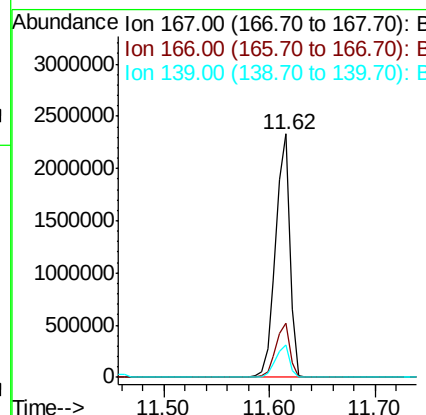
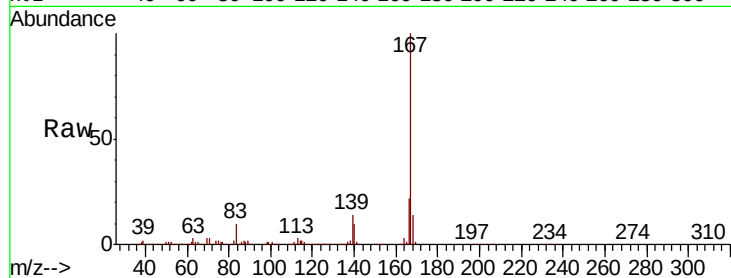


#73
 Carbazole
 Concen: 36.560 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF121449.D
 Acq: 27 Aug 2020 21:44

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082720

Tot Ion:167 Resp: 2181708

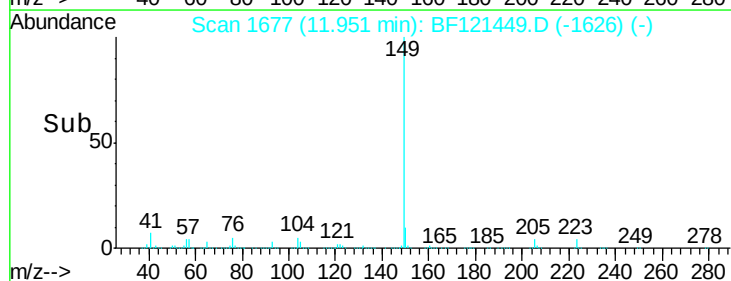
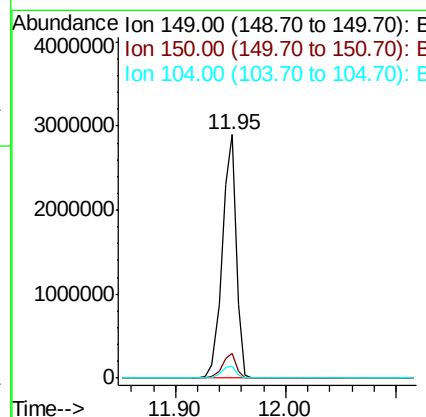
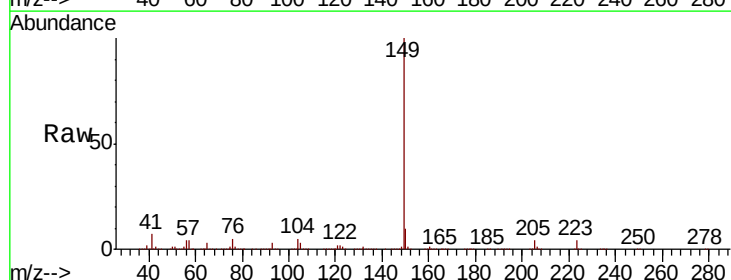
Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.4	27.6
139	13.5	11.0	16.6

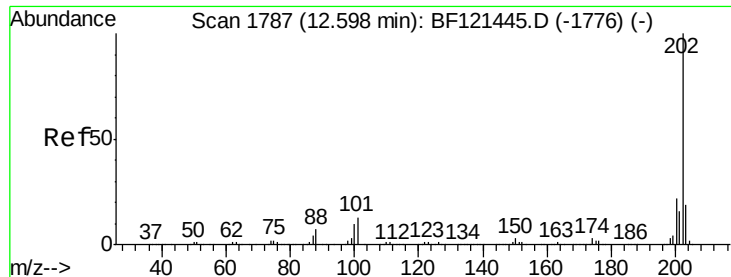


#74
 Di-n-butylphthalate
 Concen: 38.178 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BF121449.D
 Acq: 27 Aug 2020 21:44

Tgt Ion:149 Resp: 2530961

Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.2	12.2
104	5.1	4.2	6.4





#75

Fluoranthene

Concen: 36.680 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Instrument :

BNA_F

ClientSampleId :

ICVBF082720

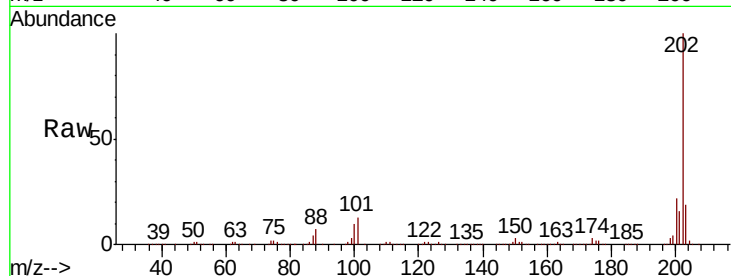
Tot Ion:202 Resp: 2487333

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.3

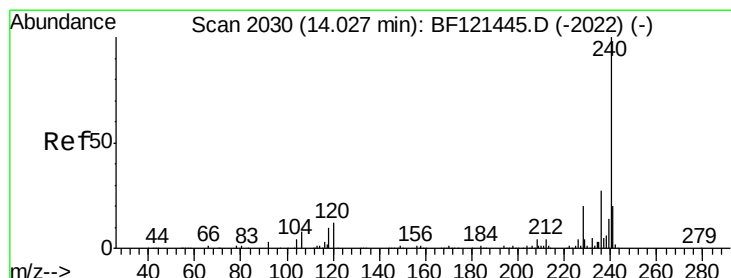
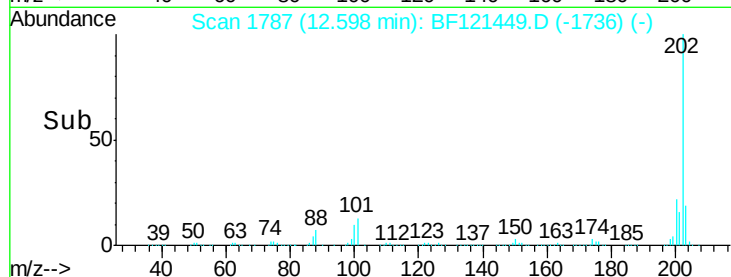
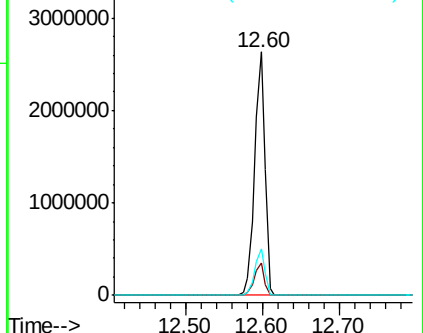
203 19.3 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

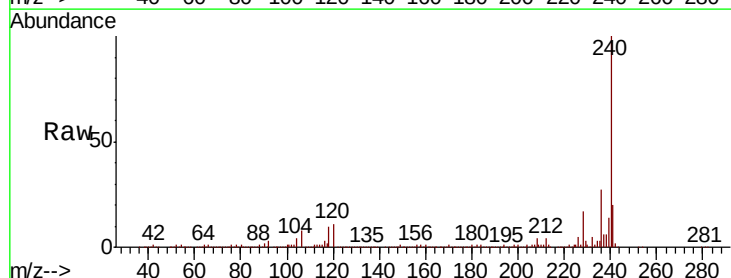
Tgt Ion:240 Resp: 994860

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

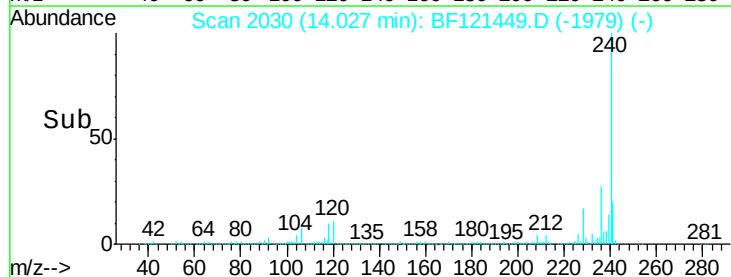
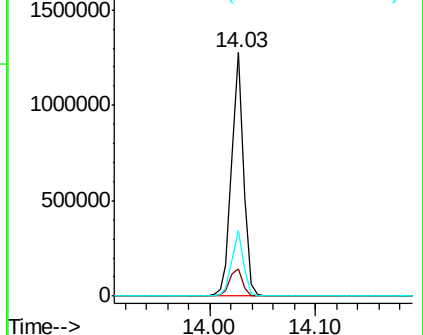
236 27.2 21.8 32.6

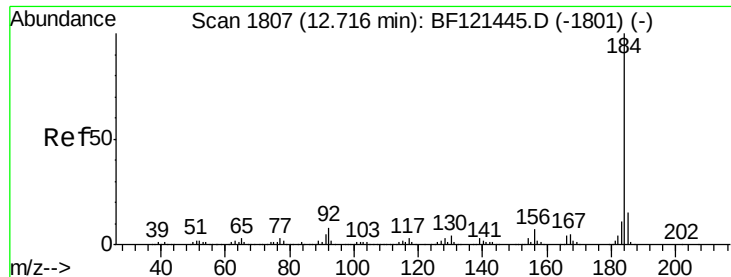


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.247 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Instrument :

BNA_F

ClientSampleId :

ICVBF082720

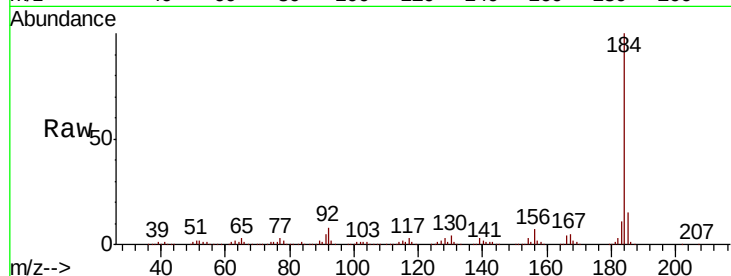
Tot Ion:184 Resp: 786456

Ion Ratio Lower Upper

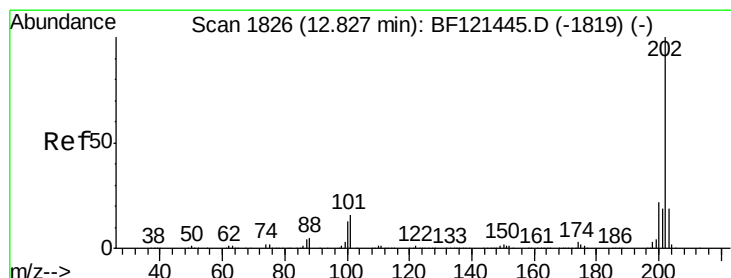
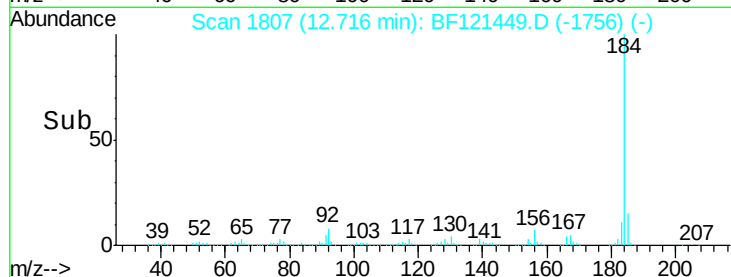
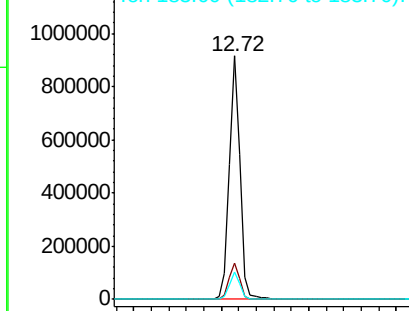
184 100

185 14.8 12.1 18.1

183 11.2 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.958 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

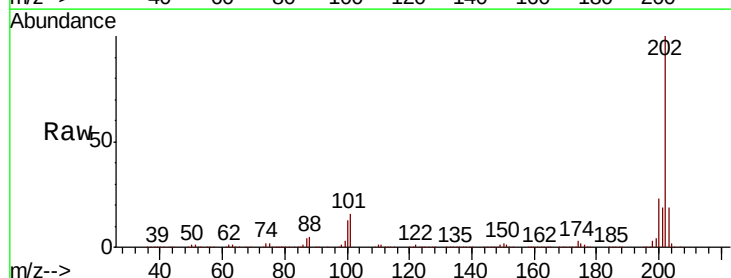
Tgt Ion:202 Resp: 2554822

Ion Ratio Lower Upper

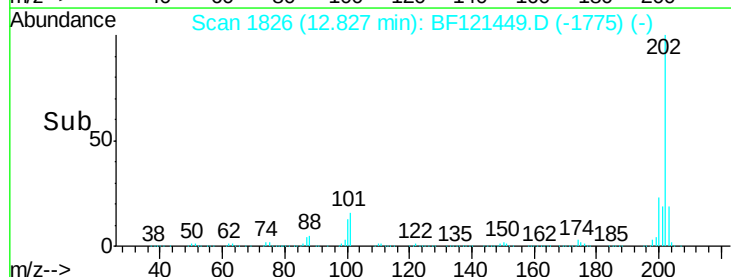
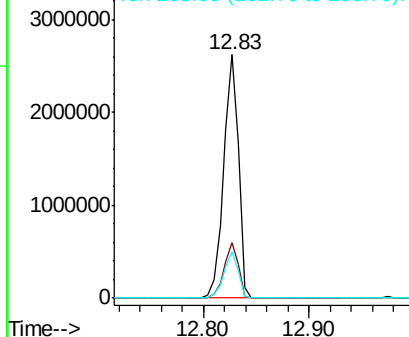
202 100

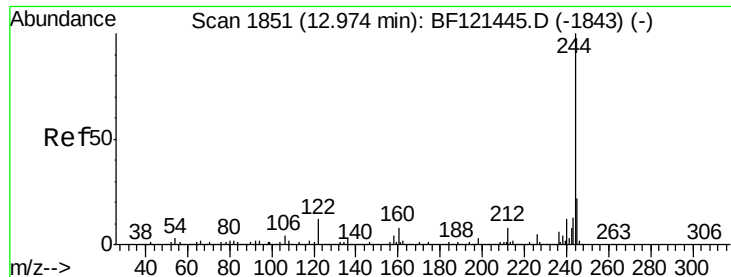
200 22.7 18.0 27.0

203 19.1 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

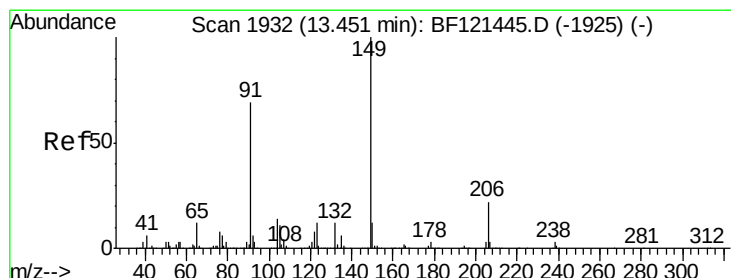
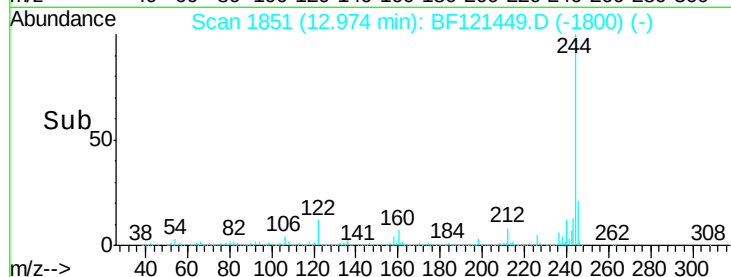
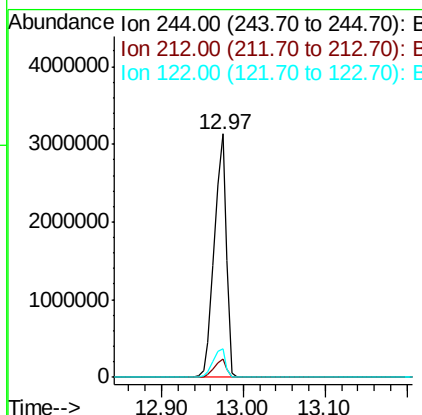
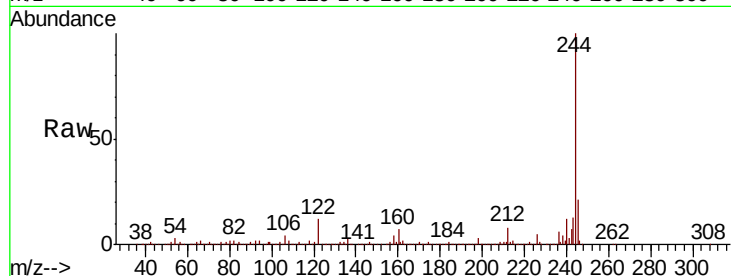




#79
 Terphenyl-d14
 Concen: 68.656 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: BF121449.D
 Acq: 27 Aug 2020 21:44

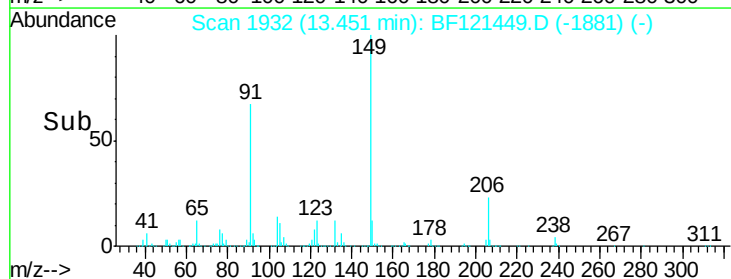
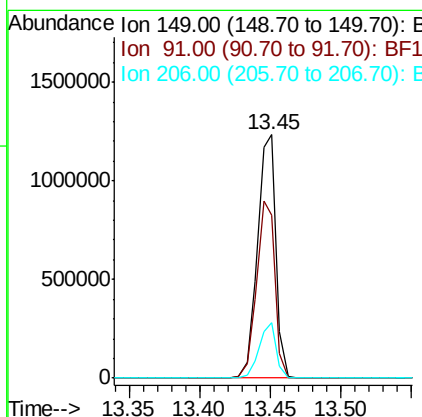
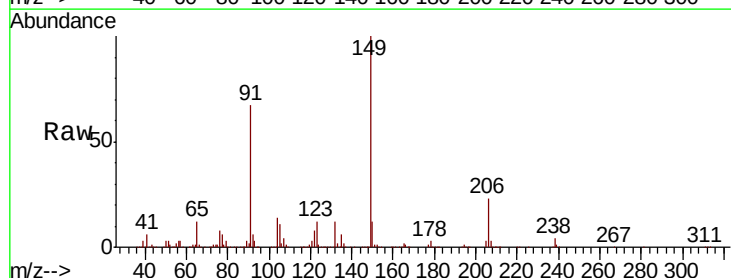
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082720

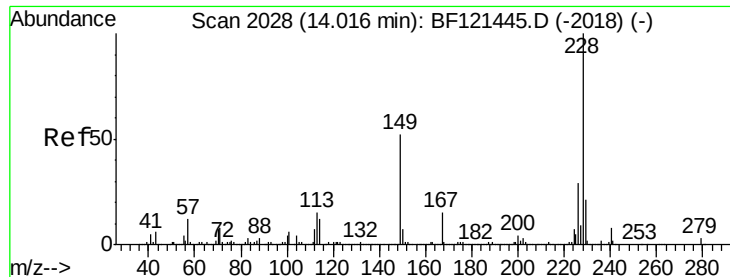
Tot Ion:244 Resp: 3244864
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 11.9 9.5 14.3



#80
 Butylbenzylphthalate
 Concen: 41.601 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: BF121449.D
 Acq: 27 Aug 2020 21:44

Tgt Ion:149 Resp: 1138713
 Ion Ratio Lower Upper
 149 100
 91 67.0 55.0 82.4
 206 22.7 17.8 26.6





#81

Benzo(a)anthracene

Concen: 35.501 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Instrument :

BNA_F

ClientSampleId :

ICVBF082720

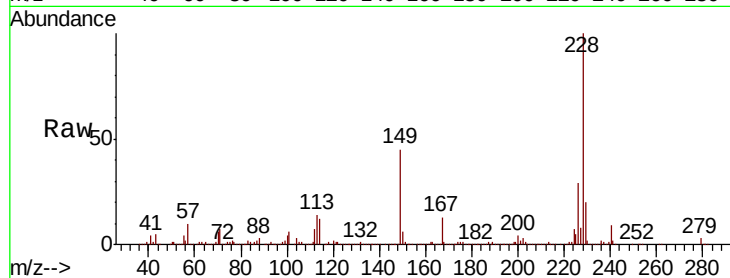
Tot Ion:228 Resp: 2156015

Ion Ratio Lower Upper

228 100

226 28.6 23.0 34.4

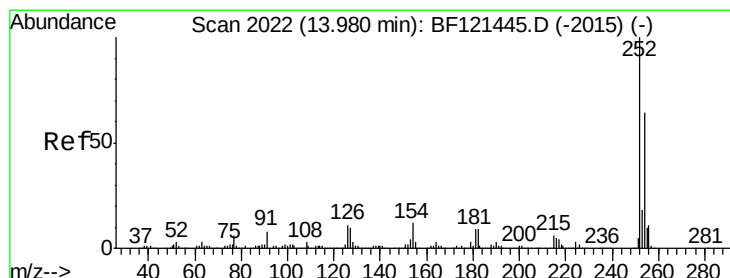
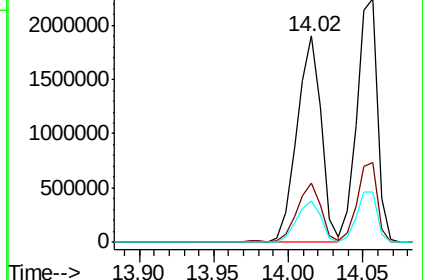
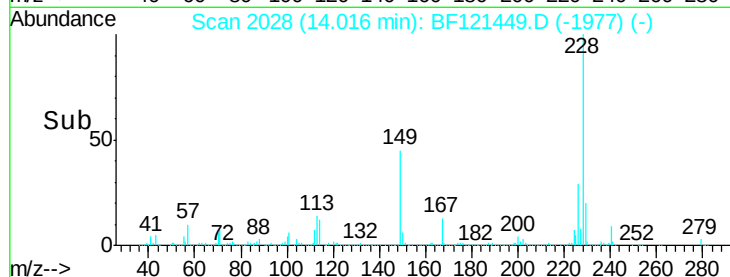
229 20.4 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.520 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

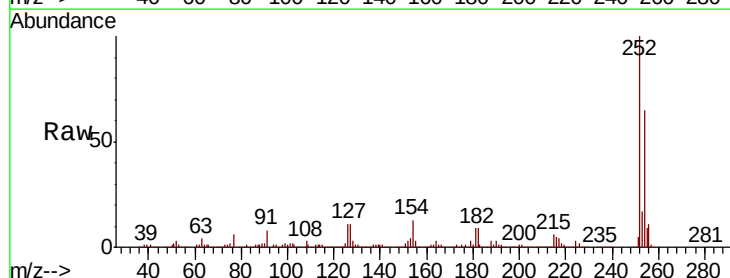
Tgt Ion:252 Resp: 856854

Ion Ratio Lower Upper

252 100

254 64.6 51.4 77.2

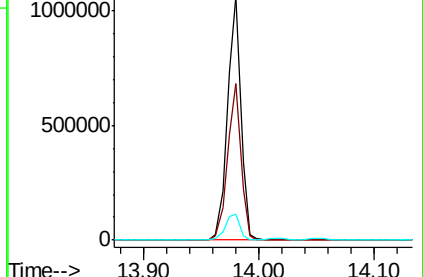
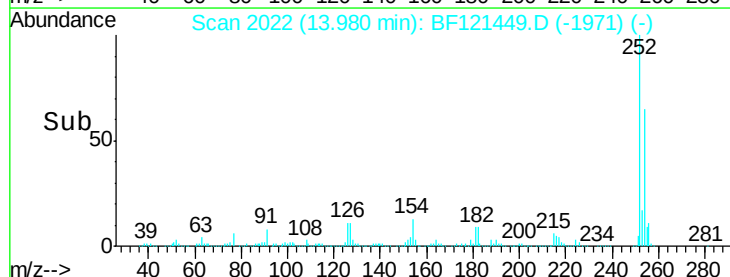
126 10.8 8.5 12.7

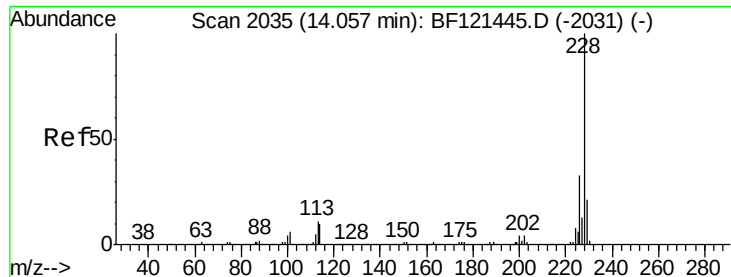


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 35.920 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Instrument :

BNA_F

ClientSampleId :

ICVBF082720

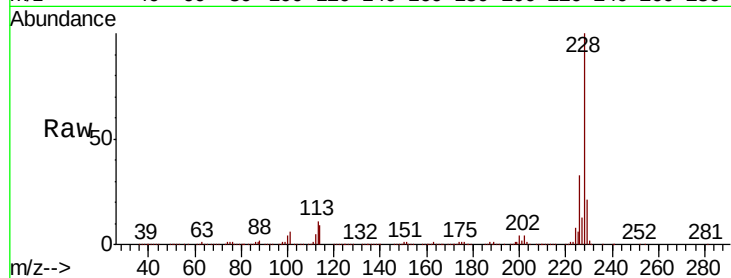
Tot Ion:228 Resp: 2182456

Ion Ratio Lower Upper

228 100

226 32.9 26.2 39.2

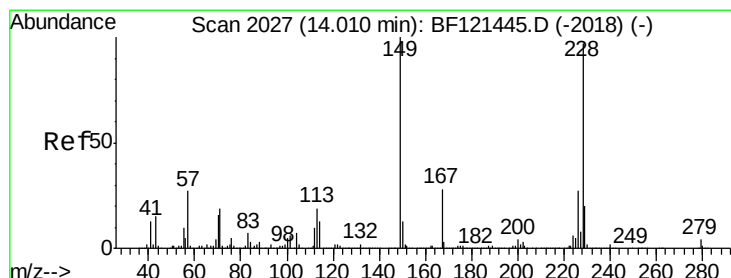
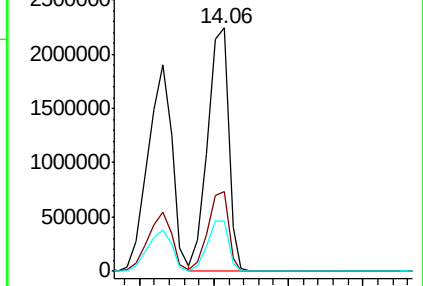
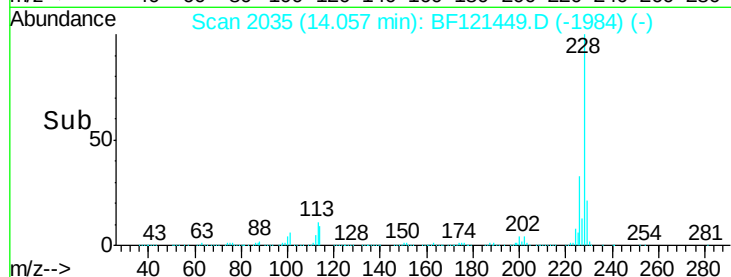
229 20.6 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.703 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

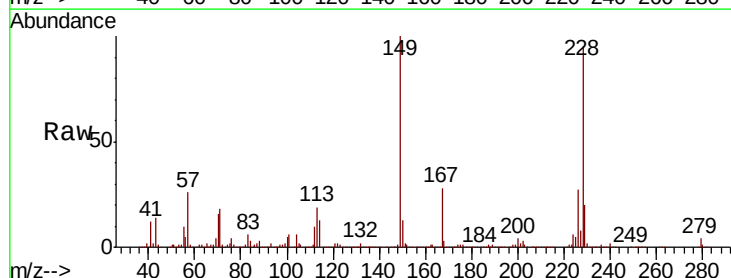
Tgt Ion:149 Resp: 1403626

Ion Ratio Lower Upper

149 100

167 28.1 22.6 34.0

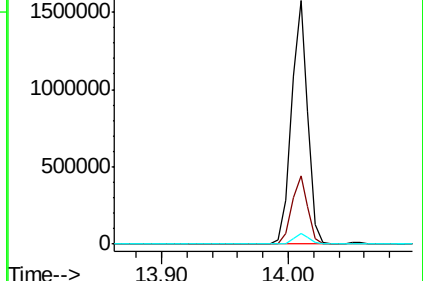
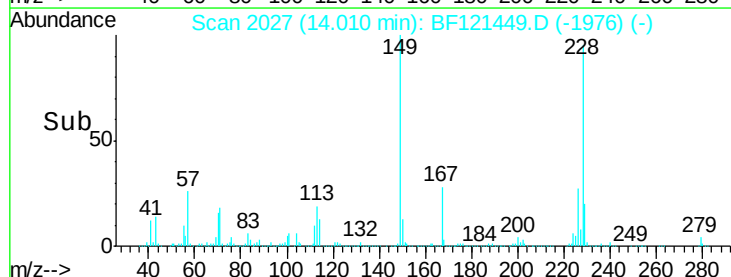
279 4.4 3.3 4.9

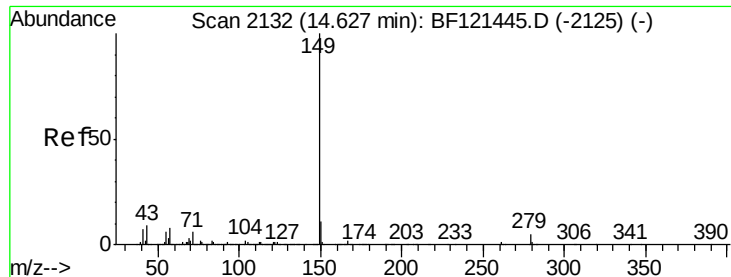


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

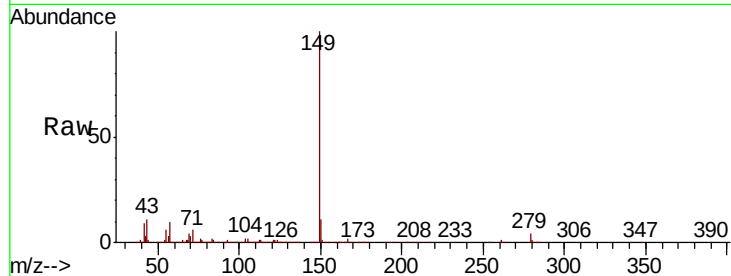




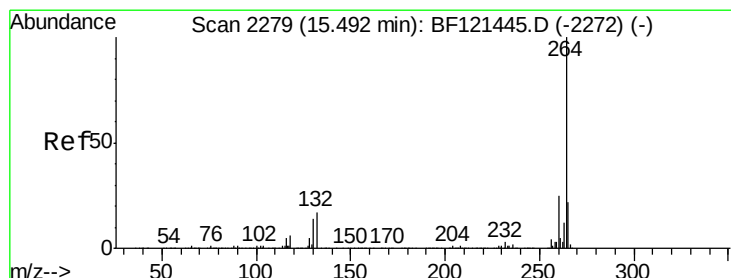
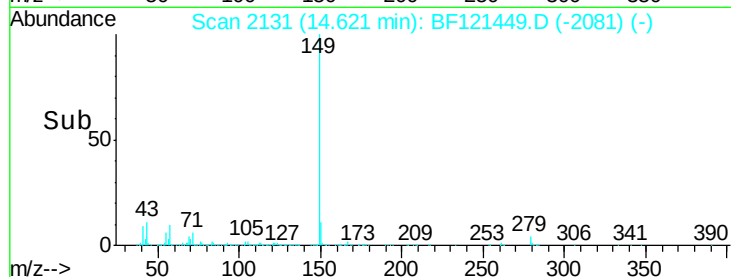
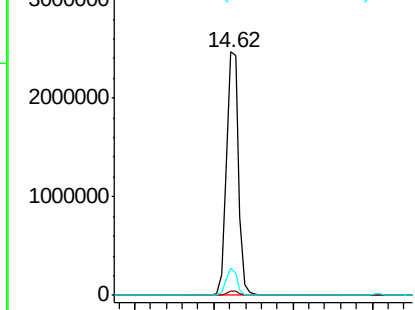
#85
Di-n-octyl phthalate
Concen: 42.711 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

Instrument :
BNA_F
ClientSampleId :
ICVBF082720

Tot Ion:149 Resp: 2558931
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.4 8.3 12.5

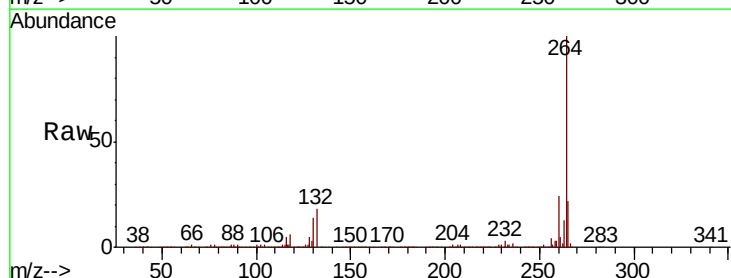


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

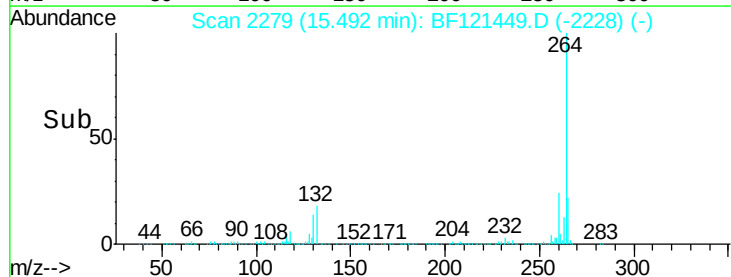
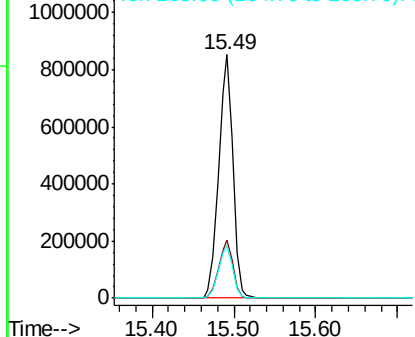


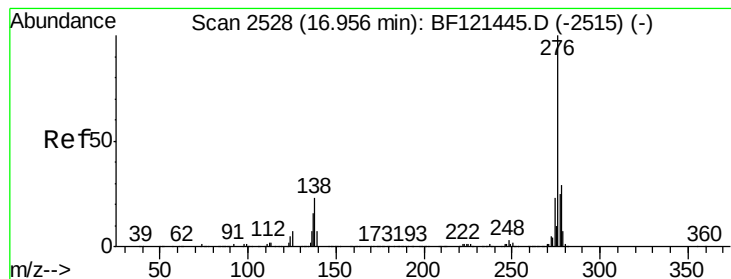
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

Tgt Ion:264 Resp: 1033766
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 21.9 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.472 ng

RT: 16.96 min Scan# 2528

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

Instrument :

BNA_F

ClientSampleId :

ICVBF082720

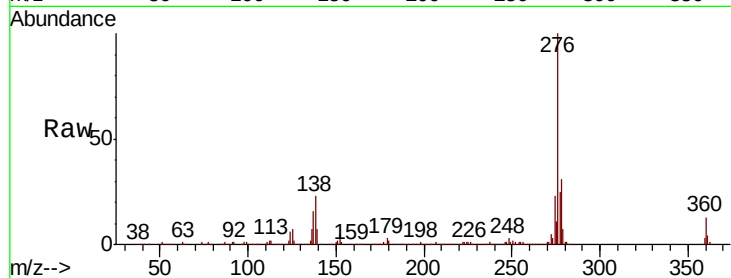
Tot Ion:276 Resp: 2256249

Ion Ratio Lower Upper

276 100

138 26.0 20.6 31.0

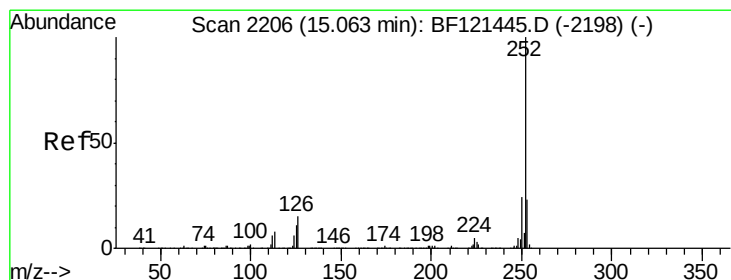
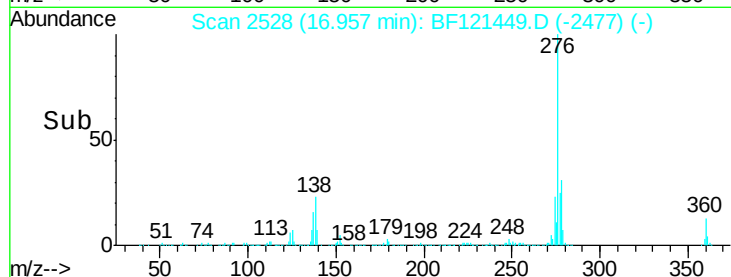
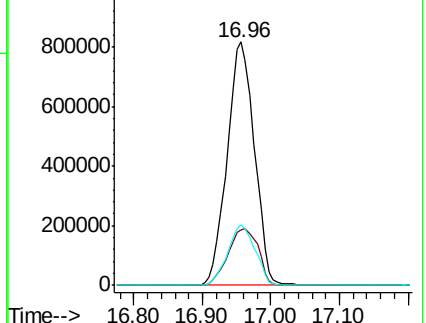
277 25.2 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 35.929 ng

RT: 15.06 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BF121449.D

Acq: 27 Aug 2020 21:44

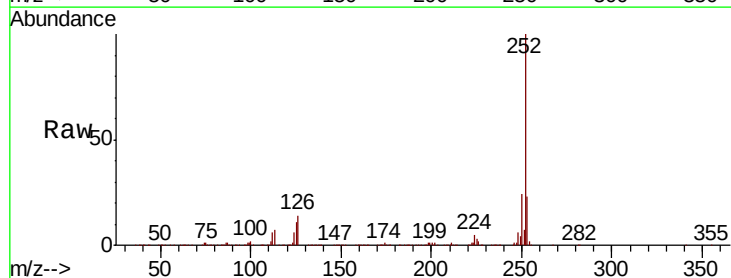
Tgt Ion:252 Resp: 2416095

Ion Ratio Lower Upper

252 100

253 22.9 18.3 27.5

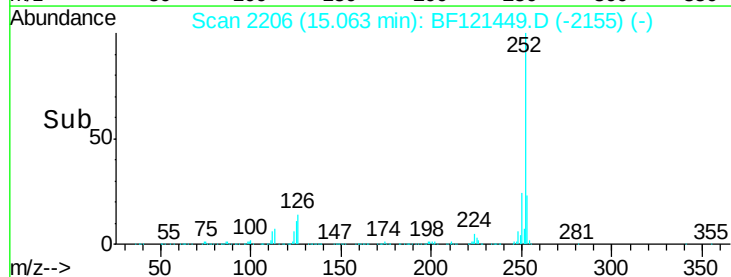
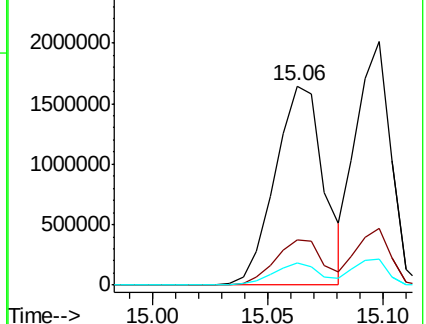
125 10.9 9.2 13.8

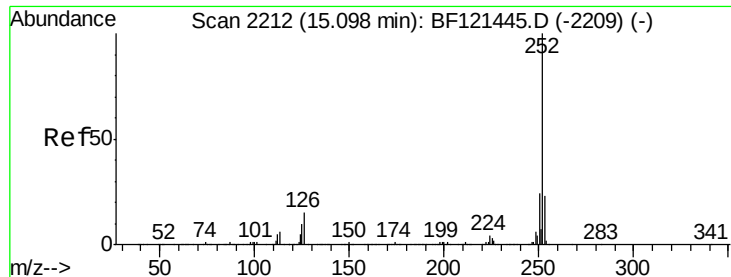


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

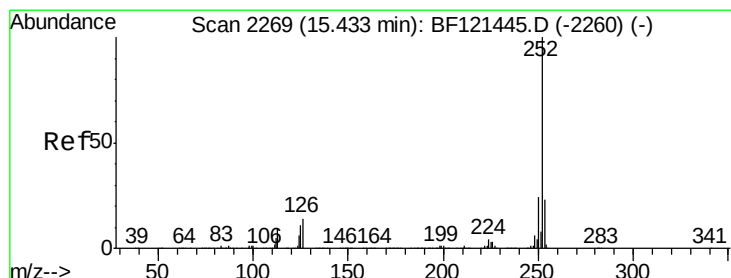
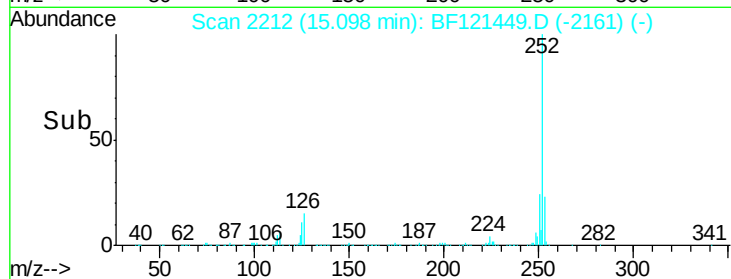
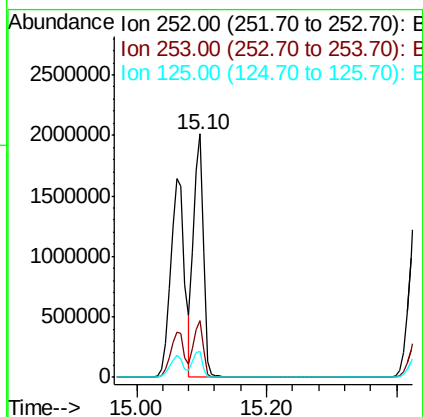
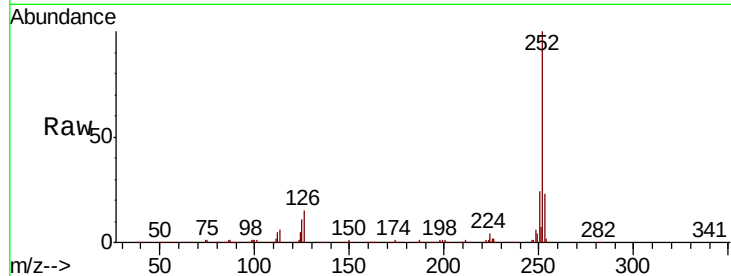




#89
Benzo(k)fluoranthene
Concen: 33.922 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

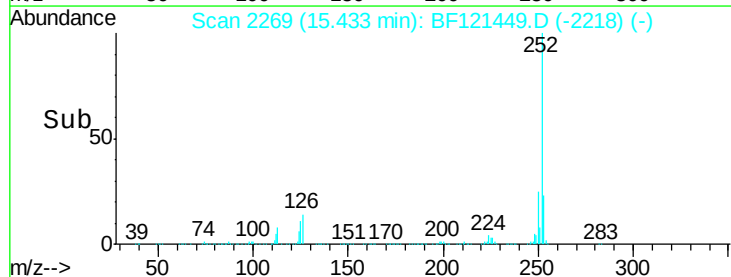
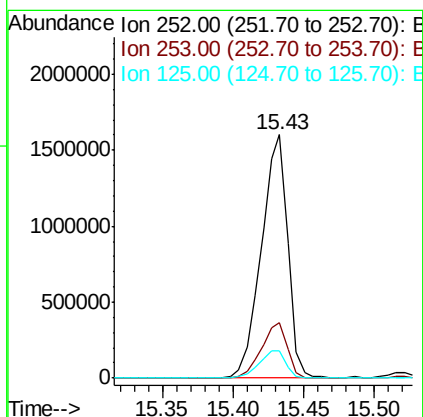
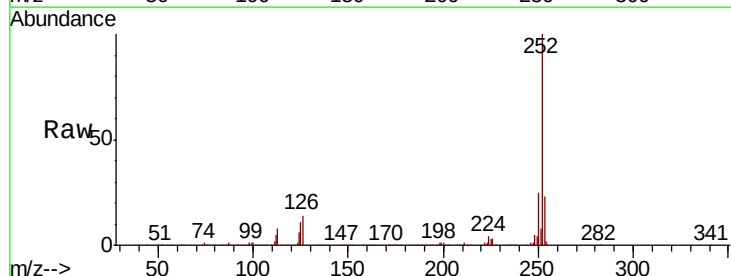
Instrument :
BNA_F
ClientSampleId :
ICVBF082720

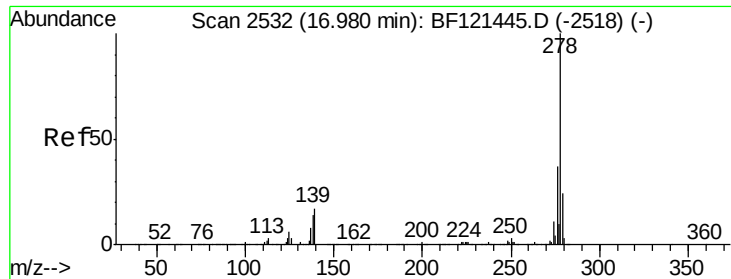
Tot Ion:252 Resp: 2121754
Ion Ratio Lower Upper
252 100
253 23.4 18.3 27.5
125 10.7 8.5 12.7



#90
Benzo(a)pyrene
Concen: 34.833 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

Tgt Ion:252 Resp: 2106254
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 11.3 9.0 13.4

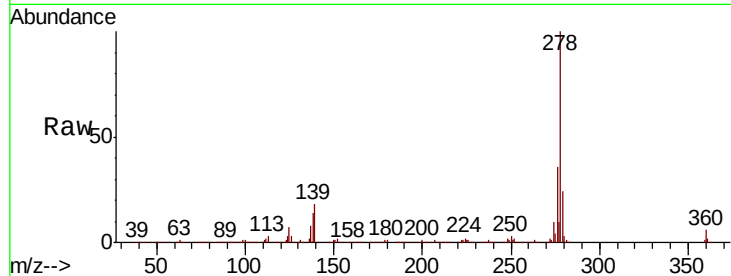




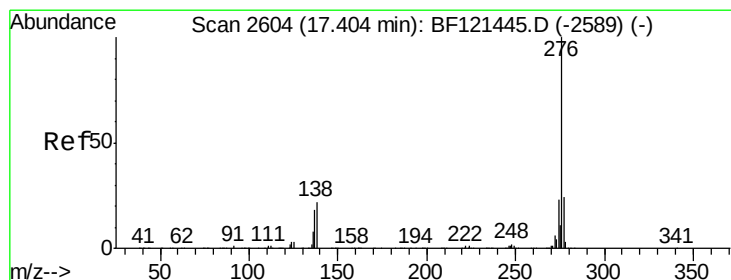
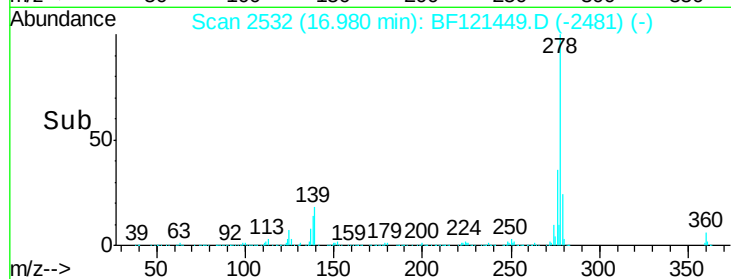
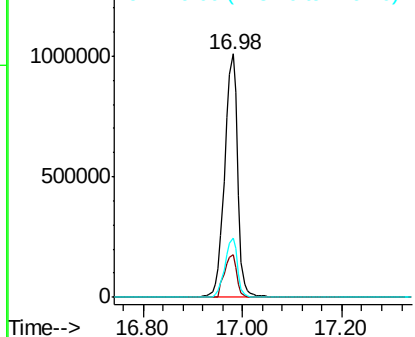
#91
Dibenzo(a,h)anthracene
Concen: 35.444 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

Instrument :
BNA_F
ClientSampleId :
ICVBF082720

Tot Ion:278 Resp: 1845454
Ion Ratio Lower Upper
278 100
139 17.7 13.3 19.9
279 24.3 19.4 29.0

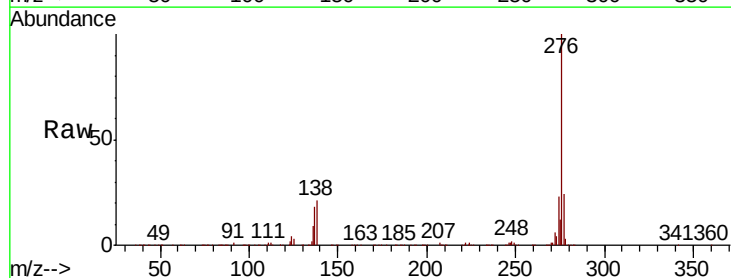


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 35.179 ng
RT: 17.40 min Scan# 2604
Delta R.T. 0.00 min
Lab File: BF121449.D
Acq: 27 Aug 2020 21:44

Tgt Ion:276 Resp: 1764437
Ion Ratio Lower Upper
276 100
277 24.0 18.9 28.3
138 21.3 17.4 26.0



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

