

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128591.D
 Acq On : 31 May 2022 13:03
 Operator : CG\JU
 Sample : PB145191BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145191BS

Quant Time: Jun 01 00:56:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	165633	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	646322	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	357252	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	653043	20.000	ng	0.00
76) Chrysene-d12	14.016	240	422398	20.000	ng	# 0.00
86) Perylene-d12	15.480	264	324170	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1139793	113.984	ng	0.03
7) Phenol-d6	6.481	99	1399148	109.739	ng	0.01
23) Nitrobenzene-d5	7.410	82	1004565	89.664	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	454529	133.668	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1839357	83.647	ng	0.00
79) Terphenyl-d14	12.963	244	1997567	91.365	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	115673	25.943	ng	# 95
3) Pyridine	3.475	79	316080	27.381	ng	95
4) n-Nitrosodimethylamine	3.434	42	258156	42.676	ng	# 83
6) Aniline	6.504	93	514346	34.571	ng	92
8) 2-Chlorophenol	6.628	128	446307	43.044	ng	98
9) Benzaldehyde	6.393	77	253211	47.704	ng	93
10) Phenol	6.498	94	532139	42.120	ng	# 71
11) bis(2-Chloroethyl)ether	6.581	93	414825	40.110	ng	100
12) 1,3-Dichlorobenzene	6.787	146	484480	41.126	ng	98
13) 1,4-Dichlorobenzene	6.863	146	483869	40.608	ng	98
14) 1,2-Dichlorobenzene	7.010	146	466038	42.495	ng	97
15) Benzyl Alcohol	6.987	79	415091	42.687	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.116	45	682779	37.302	ng	96
17) 2-Methylphenol	7.098	107	359806	40.772	ng	93
18) Hexachloroethane	7.351	117	187290	44.560	ng	94
19) n-Nitroso-di-n-propyla...	7.263	70	323500	41.382	ng	98
20) 3+4-Methylphenols	7.251	107	425026	39.867	ng	# 82
22) Acetophenone	7.257	105	608219	40.812	ng	# 90
24) Nitrobenzene	7.428	77	495486	44.734	ng	95
25) Isophorone	7.669	82	883299	42.738	ng	98
26) 2-Nitrophenol	7.739	139	229652	49.608	ng	# 88
27) 2,4-Dimethylphenol	7.781	122	386252	41.977	ng	95
28) bis(2-Chloroethoxy)met...	7.875	93	511813	38.157	ng	99
29) 2,4-Dichlorophenol	7.987	162	379710	39.874	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	416147	40.344	ng	99
31) Naphthalene	8.151	128	1269576	40.134	ng	99
32) Benzoic acid	7.922	122	263069	40.444	ng	97
33) 4-Chloroaniline	8.192	127	363196	28.836	ng	96
34) Hexachlorobutadiene	8.263	225	283979	43.604	ng	97
35) Caprolactam	8.586	113	70650	24.060	ng	92
36) 4-Chloro-3-methylphenol	8.681	107	414452	42.366	ng	94
37) 2-Methylnaphthalene	8.839	142	802946	40.213	ng	100
38) 1-Methylnaphthalene	8.939	142	764787	39.382	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	410935	41.888	ng	98
41) Hexachlorocyclopentadiene	8.992	237	525452	95.284	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	290297	40.127	ng	95

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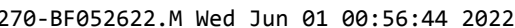
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 ClientSampleId :
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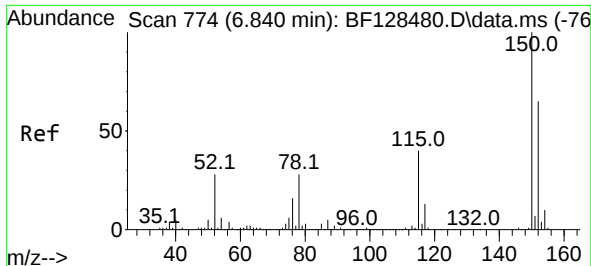
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	300782	40.351	ng	95
46) 1,1'-Biphenyl	9.304	154	1014399	40.438	ng	99
47) 2-Chloronaphthalene	9.334	162	776760	39.445	ng	99
48) 2-Nitroaniline	9.428	65	280013	51.136	ng	94
49) Acenaphthylene	9.751	152	1273656	42.102	ng	99
50) Dimethylphthalate	9.616	163	964171	41.606	ng	99
51) 2,6-Dinitrotoluene	9.675	165	208132	49.006	ng	94
52) Acenaphthene	9.922	154	716985	38.414	ng	99
53) 3-Nitroaniline	9.839	138	171618	34.990	ng	96
54) 2,4-Dinitrophenol	9.951	184	220512	100.459	ng	90
55) Dibenzofuran	10.092	168	1092193	39.440	ng	93
56) 4-Nitrophenol	10.010	139	325803	81.860	ng	# 68
57) 2,4-Dinitrotoluene	10.075	165	280875	55.279	ng	91
58) Fluorene	10.433	166	848525	42.562	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	250280	41.432	ng	98
60) Diethylphthalate	10.316	149	944528	41.958	ng	100
61) 4-Chlorophenyl-phenyle...	10.428	204	430839	42.594	ng	95
62) 4-Nitroaniline	10.463	138	208515	44.403	ng	87
63) Azobenzene	10.586	77	905121	39.495	ng	97
65) 4,6-Dinitro-2-methylph...	10.486	198	142833	47.406	ng	96
66) n-Nitrosodiphenylamine	10.551	169	785713	40.187	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	284667	42.191	ng	93
68) Hexachlorobenzene	10.980	284	316271	42.448	ng	98
69) Atrazine	11.080	200	273911	45.140	ng	97
70) Pentachlorophenol	11.180	266	356224	78.455	ng	98
71) Phenanthrene	11.398	178	1269532	41.038	ng	99
72) Anthracene	11.451	178	1274201	41.235	ng	99
73) Carbazole	11.604	167	1126374	38.035	ng	99
74) Di-n-butylphthalate	11.933	149	1468501	42.132	ng	99
75) Fluoranthene	12.586	202	1339685	40.506	ng	98
77) Benzidine	12.704	184	441427	45.308	ng	98
78) Pyrene	12.816	202	1332143	41.863	ng	100
80) Butylbenzylphthalate	13.433	149	566791	42.228	ng	99
81) Benzo(a)anthracene	14.004	228	1040871	41.459	ng	99
82) 3,3'-Dichlorobenzidine	13.969	252	329900	51.316	ng	100
83) Chrysene	14.045	228	1005880	39.122	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	743291	45.786	ng	98
85) Di-n-octyl phthalate	14.610	149	1144355	40.046	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	819229	42.847	ng	# 94
88) Benzo(b)fluoranthene	15.057	252	904993	44.878	ng	# 97
89) Benzo(k)fluoranthene	15.086	252	835180	44.701	ng	# 97
90) Benzo(a)pyrene	15.421	252	823805	50.918	ng	# 97
91) Dibenzo(a,h)anthracene	16.968	278	724245	45.685	ng	# 95
92) Benzo(g,h,i)perylene	17.392	276	708260	45.043	ng	# 93

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

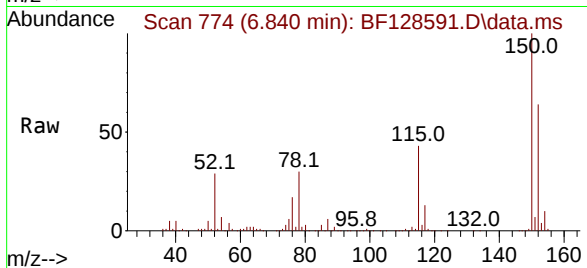
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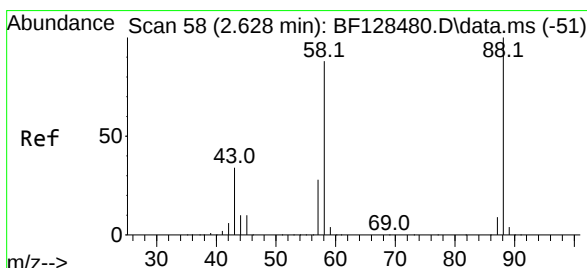
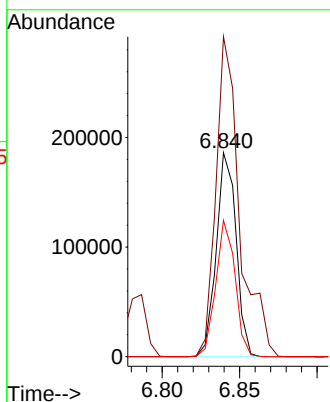
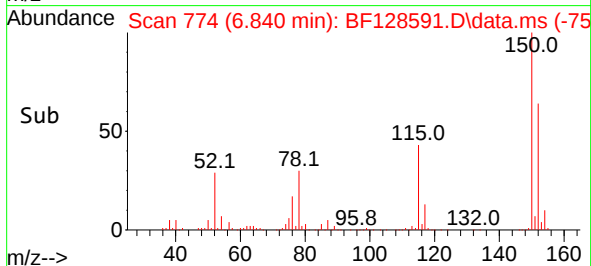


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF128591.D
 Acq: 31 May 2022 13:03

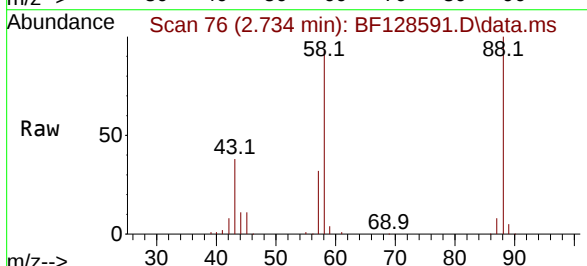
Instrument :
 BNA_F
 ClientSampleId :
 PB145191BS



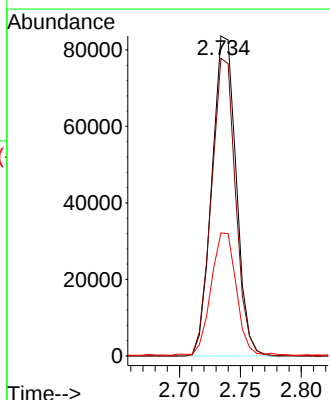
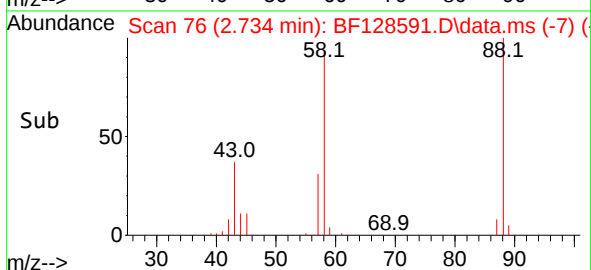
Tgt Ion:152 Resp: 165633
 Ion Ratio Lower Upper
 152 100
 150 156.8 123.7 185.5
 115 66.8 49.9 74.9

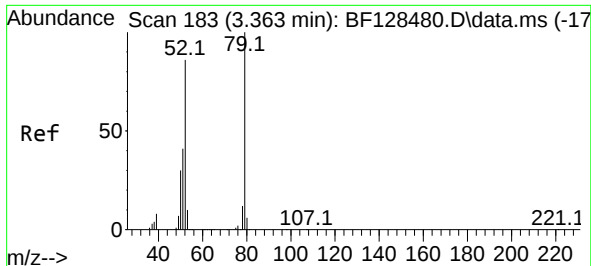


#2
 1,4-Dioxane
 Concen: 25.943 ng
 RT: 2.734 min Scan# 76
 Delta R.T. 0.106 min
 Lab File: BF128591.D
 Acq: 31 May 2022 13:03



Tgt Ion: 88 Resp: 115673
 Ion Ratio Lower Upper
 88 100
 58 92.6 71.8 107.8
 43 40.0 26.6 39.8





#3

Pyridine

Concen: 27.381 ng

RT: 3.475 min Scan# 20

Delta R.T. 0.112 min

Lab File: BF128591.D

Acq: 31 May 2022 13:03

Instrument :

BNA_F

ClientSampleId :

PB145191BS

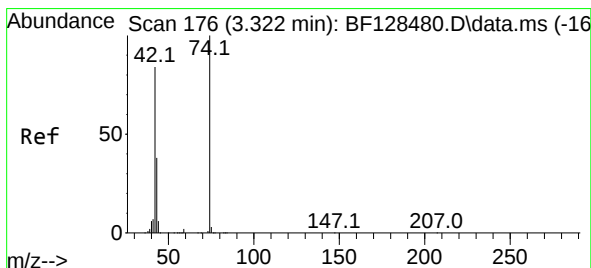
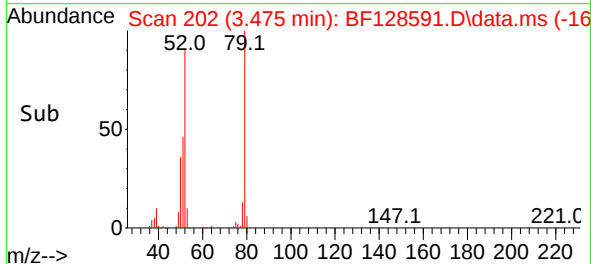
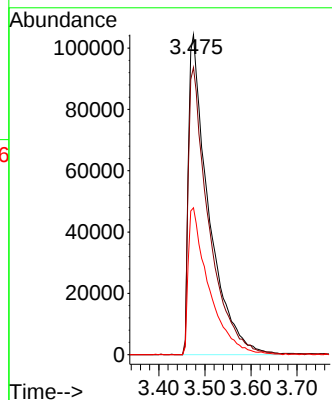
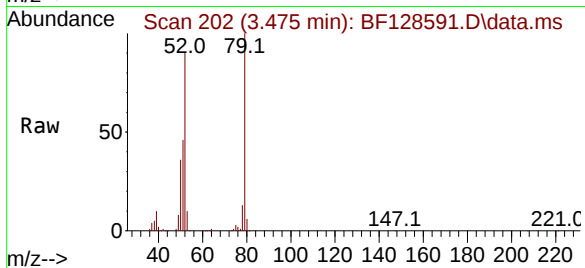
Tgt Ion: 79 Resp: 316080

Ion Ratio Lower Upper

79 100

52 89.8 68.6 102.8

51 45.9 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 42.676 ng

RT: 3.434 min Scan# 195

Delta R.T. 0.112 min

Lab File: BF128591.D

Acq: 31 May 2022 13:03

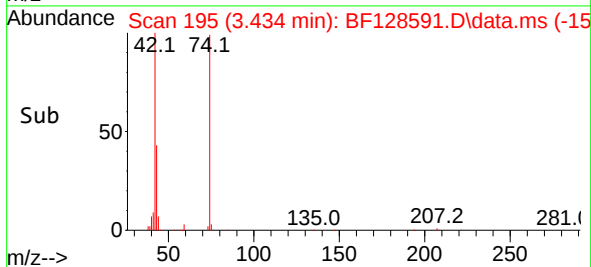
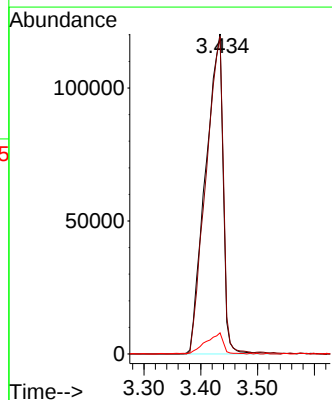
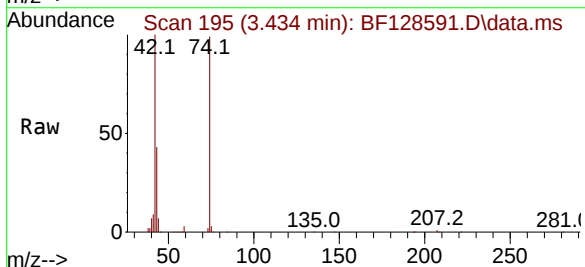
Tgt Ion: 42 Resp: 258156

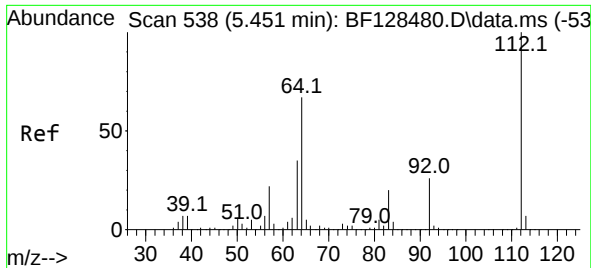
Ion Ratio Lower Upper

42 100

74 99.2 94.8 142.2

44 6.6 6.6 10.0#

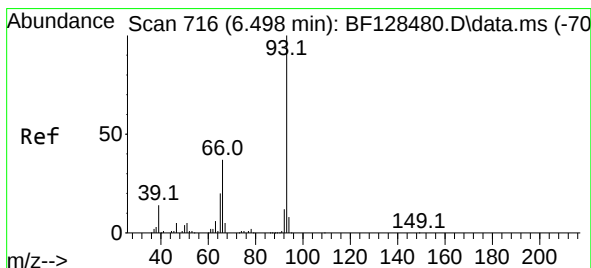
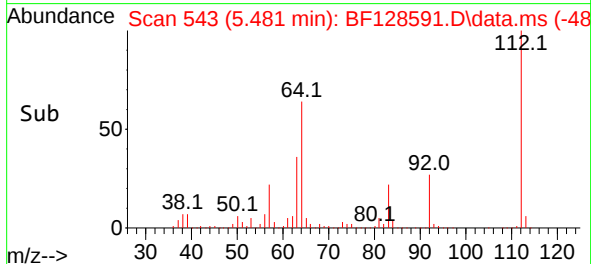
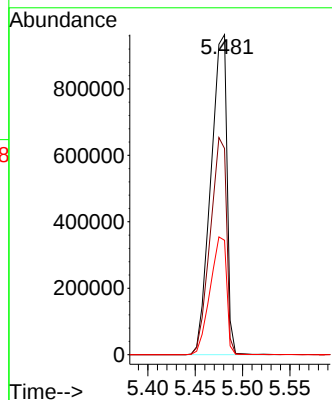
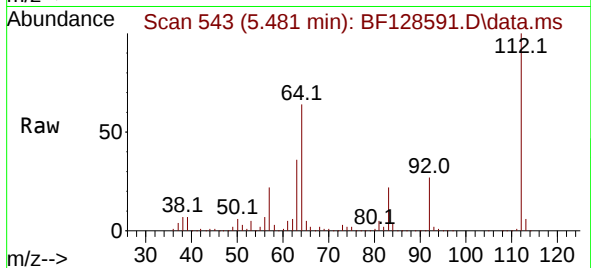




#5
2-Fluorophenol
Concen: 113.984 ng
RT: 5.481 min Scan# 54
Delta R.T. 0.029 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

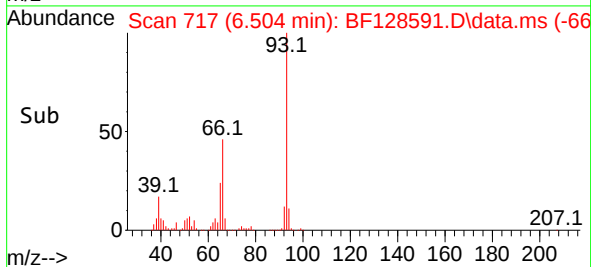
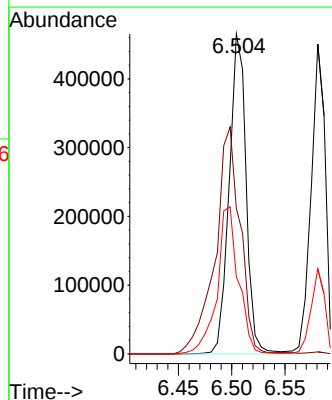
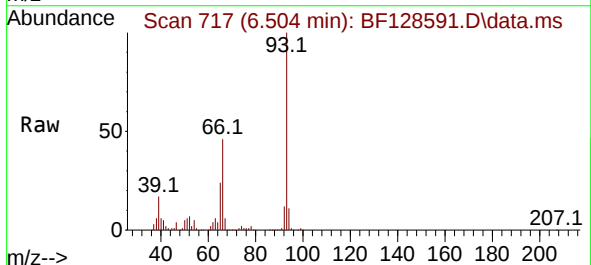
Instrument :
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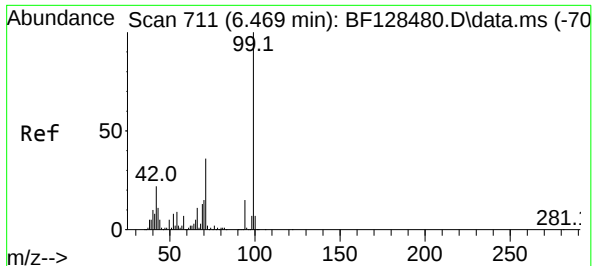
Tgt Ion:112 Resp: 1139793
Ion Ratio Lower Upper
112 100
64 64.5 53.3 79.9
63 35.7 28.0 42.0



#6
Aniline
Concen: 34.571 ng
RT: 6.504 min Scan# 717
Delta R.T. 0.006 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion: 93 Resp: 514346
Ion Ratio Lower Upper
93 100
66 45.5 32.5 48.7
65 24.1 16.4 24.6

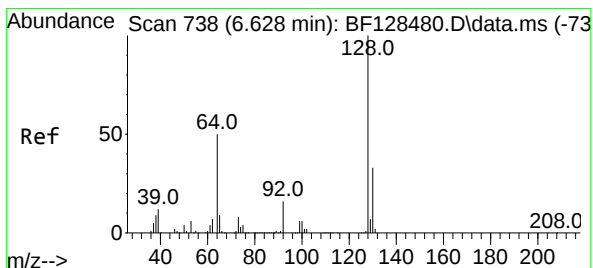
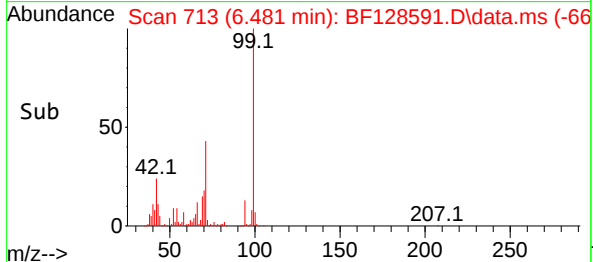
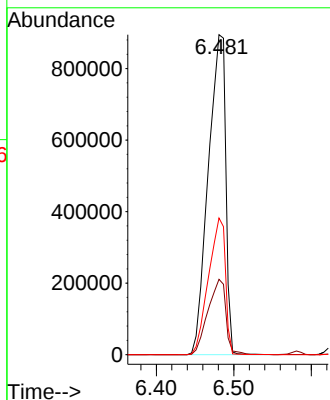
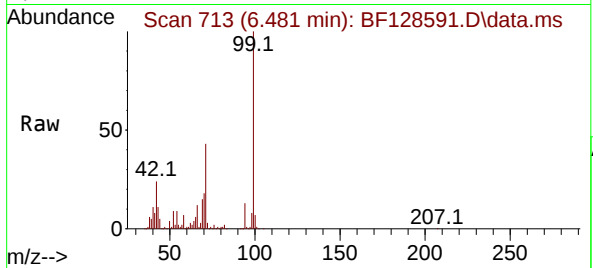




#7
Phenol-d6
Concen: 109.739 ng
RT: 6.481 min Scan# 711
Delta R.T. 0.012 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

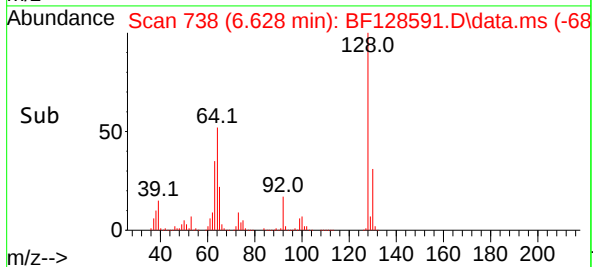
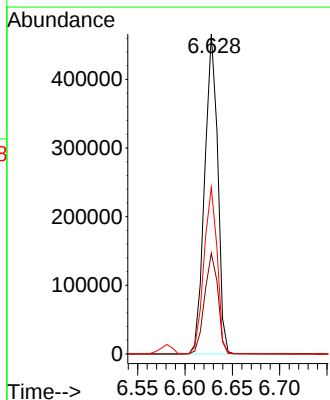
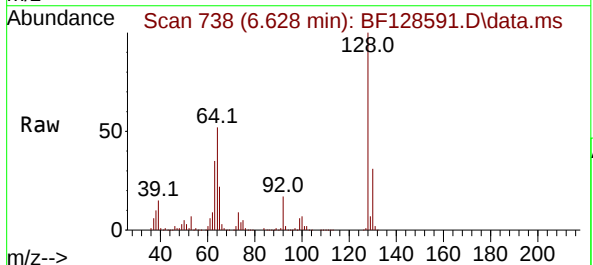
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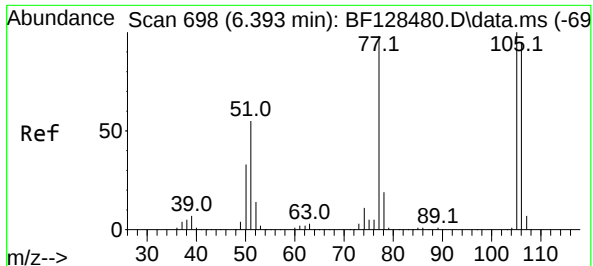
Tgt Ion: 99 Resp: 1399148
Ion Ratio Lower Upper
99 100
42 23.5 17.3 25.9
71 42.7 28.9 43.3



#8
2-Chlorophenol
Concen: 43.044 ng
RT: 6.628 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion: 128 Resp: 446307
Ion Ratio Lower Upper
128 100
130 31.5 13.1 53.1
64 52.1 30.9 70.9



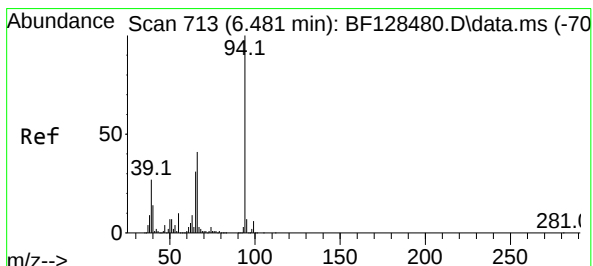
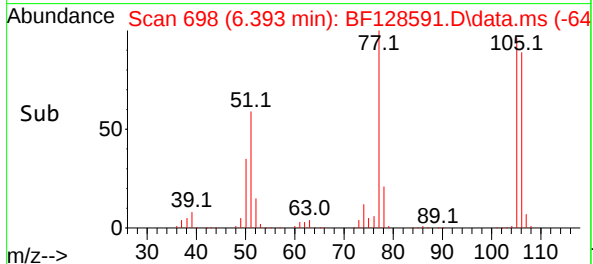
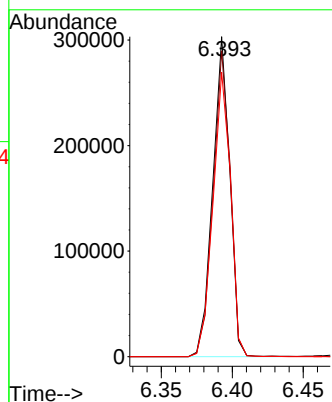
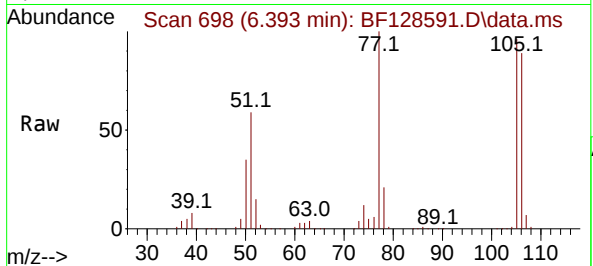


#9
Benzaldehyde
Concen: 47.704 ng
RT: 6.393 min Scan# 69
Delta R.T. -0.000 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Instrument :
BNA_F
ClientSampleId :
PB145191BS

Tgt Ion: 77 Resp: 253211

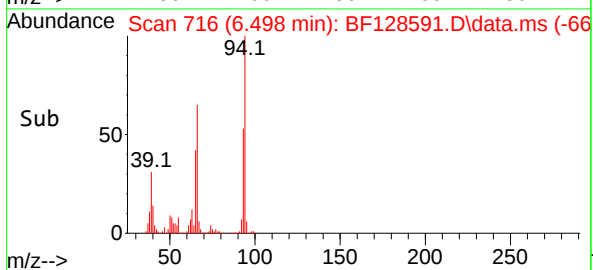
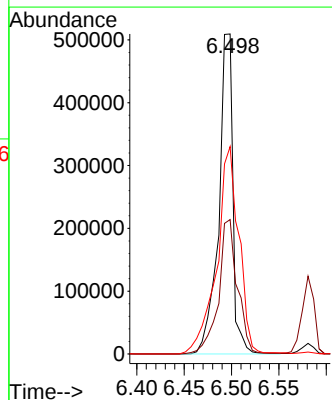
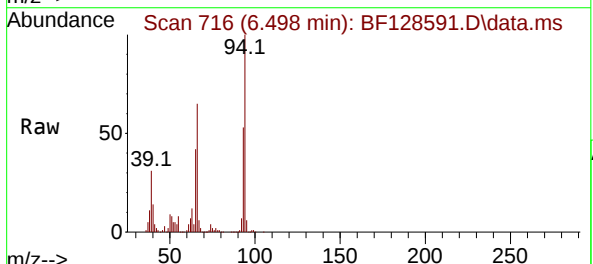
Ion	Ratio	Lower	Upper
77	100		
105	95.6	81.6	121.6
106	88.9	76.1	116.1

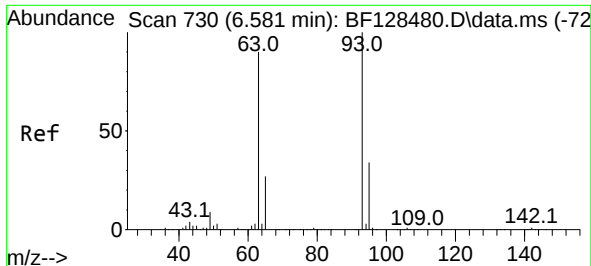


#10
Phenol
Concen: 42.120 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.018 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion: 94 Resp: 532139

Ion	Ratio	Lower	Upper
94	100		
65	42.0	11.4	51.4
66	64.8	21.4	61.4

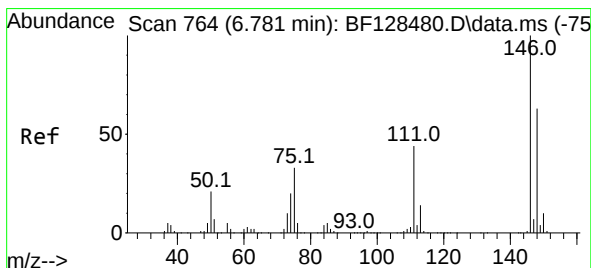
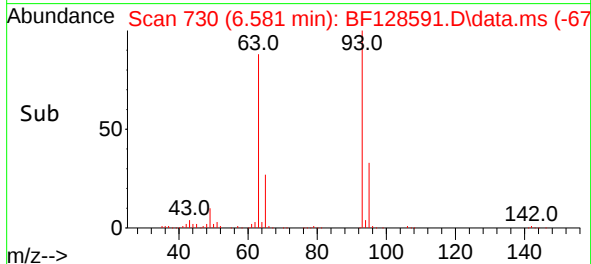
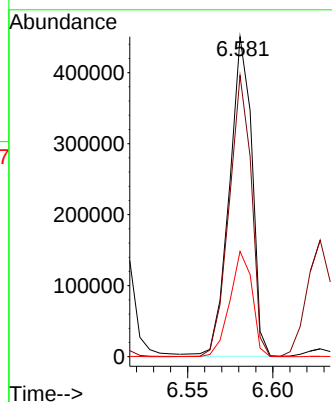
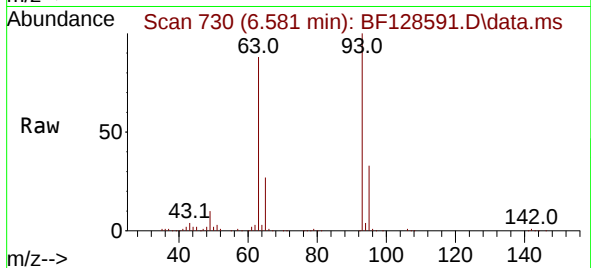




#11
bis(2-Chloroethyl)ether
Concen: 40.110 ng
RT: 6.581 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

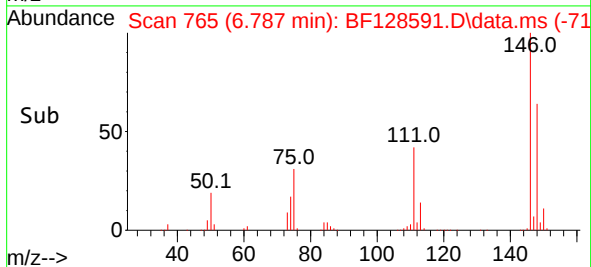
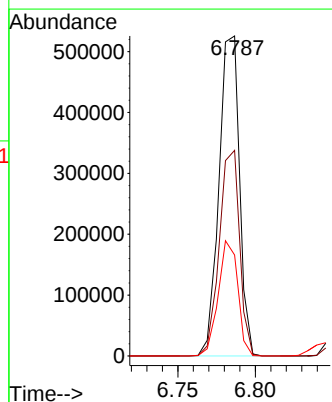
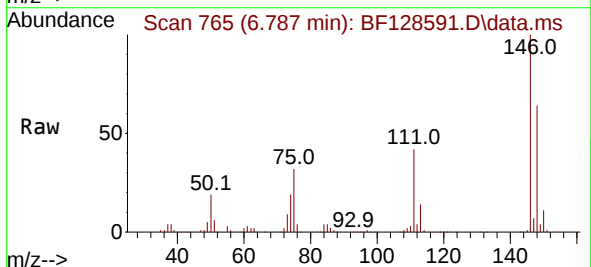
Instrument :
BNA_F
ClientSampleId :
PB145191BS

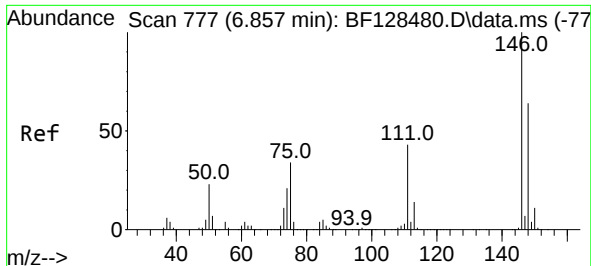
Tgt Ion: 93 Resp: 414825
Ion Ratio Lower Upper
93 100
63 87.9 67.4 107.4
95 32.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 41.126 ng
RT: 6.787 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion:146 Resp: 484480
Ion Ratio Lower Upper
146 100
148 64.2 50.6 75.8
75 31.6 26.3 39.5

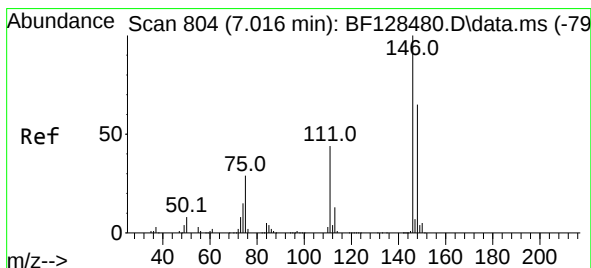
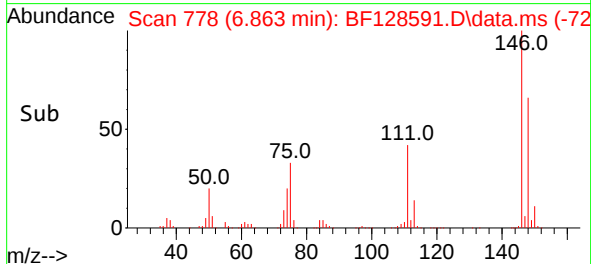
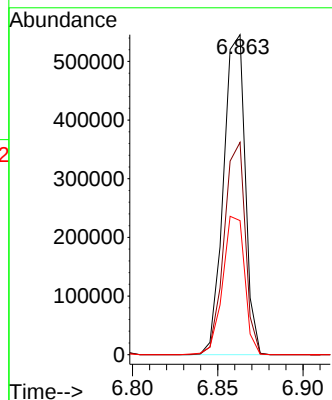
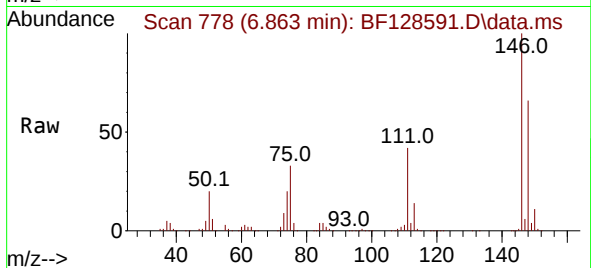




#13
1,4-Dichlorobenzene
Concen: 40.608 ng
RT: 6.863 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

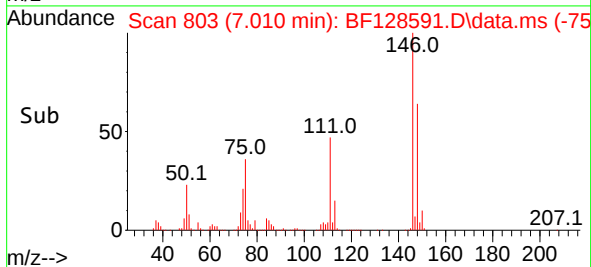
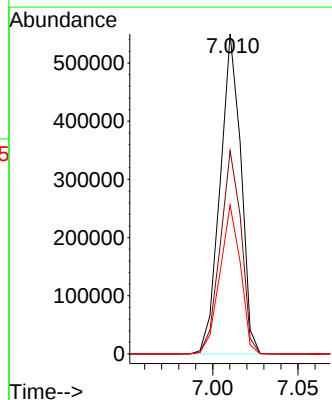
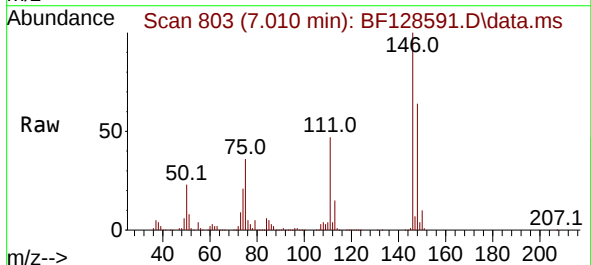
Instrument :
BNA_F
ClientSampleId :
PB145191BS

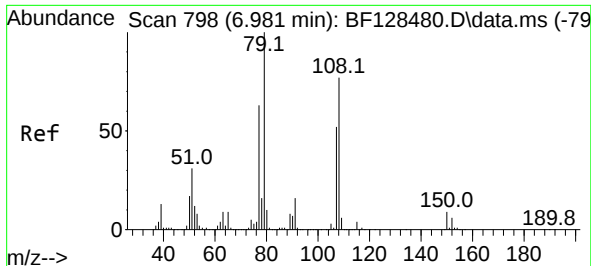
Tgt Ion:146 Resp: 483869
Ion Ratio Lower Upper
146 100
148 66.3 51.1 76.7
111 41.9 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 42.495 ng
RT: 7.010 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion:146 Resp: 466038
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
111 46.6 35.1 52.7





#15

Benzyl Alcohol

Concen: 42.687 ng

RT: 6.987 min Scan# 798

Delta R.T. 0.006 min

Lab File: BF128591.D

Acq: 31 May 2022 13:03

Instrument :

BNA_F

ClientSampleId :

PB145191BS

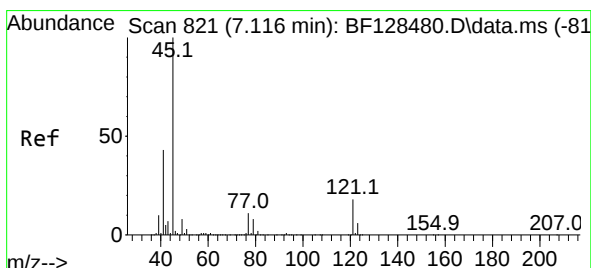
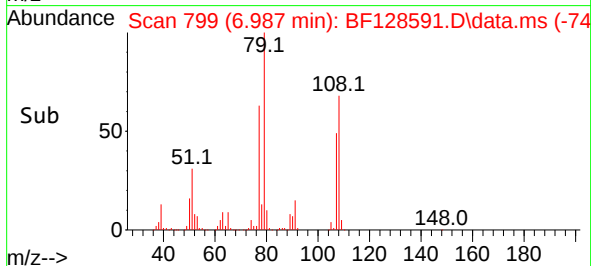
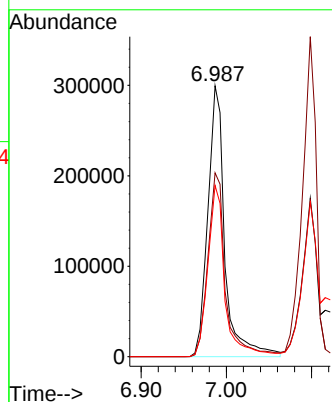
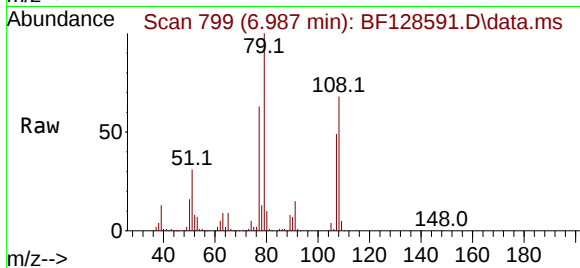
Tgt Ion: 79 Resp: 415091

Ion Ratio Lower Upper

79 100

108 67.9 61.8 92.6

77 63.2 50.2 75.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.302 ng

RT: 7.116 min Scan# 821

Delta R.T. -0.000 min

Lab File: BF128591.D

Acq: 31 May 2022 13:03

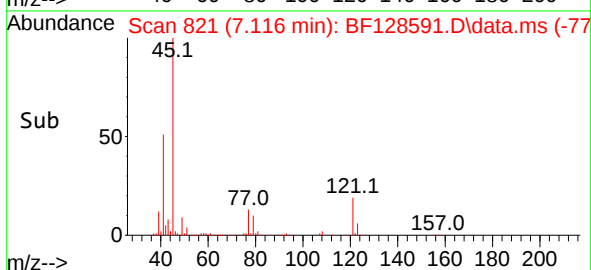
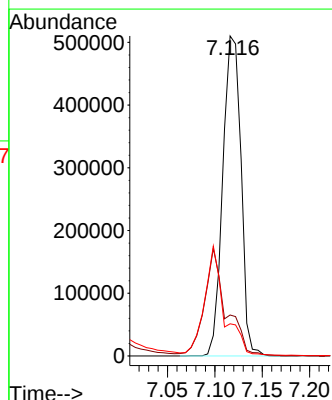
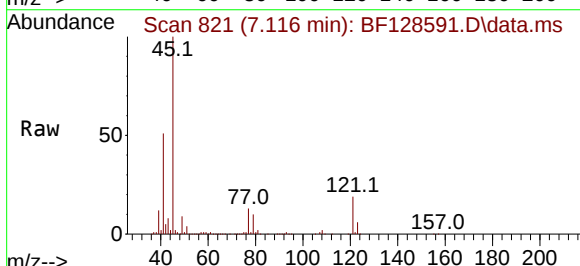
Tgt Ion: 45 Resp: 682779

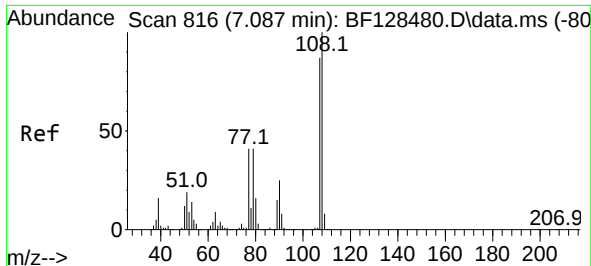
Ion Ratio Lower Upper

45 100

77 12.8 0.0 31.3

79 10.1 0.0 28.3

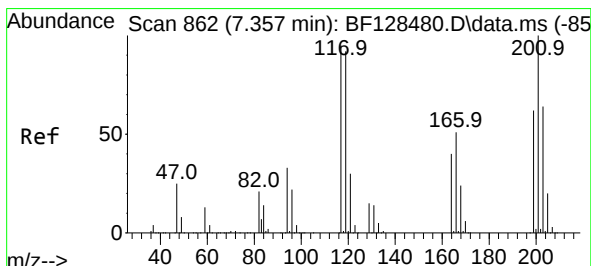
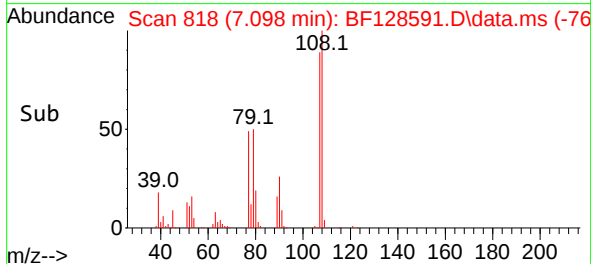
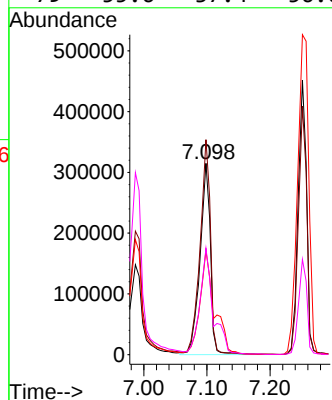
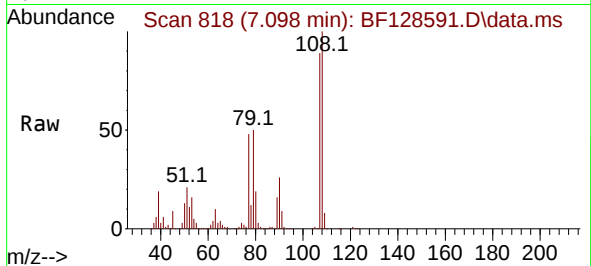




#17
2-Methylphenol
Concen: 40.772 ng
RT: 7.098 min Scan# 816
Delta R.T. 0.012 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

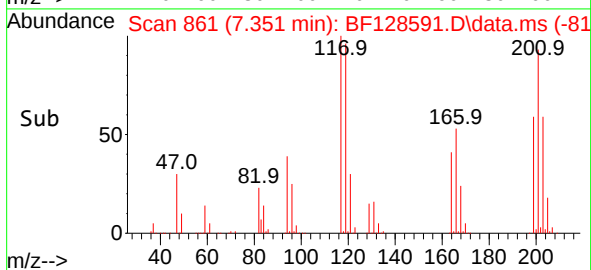
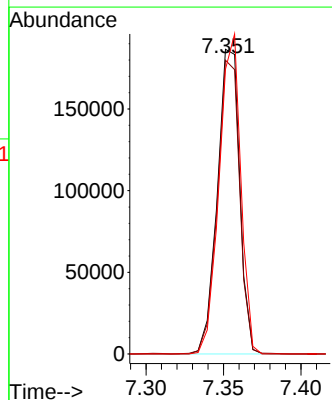
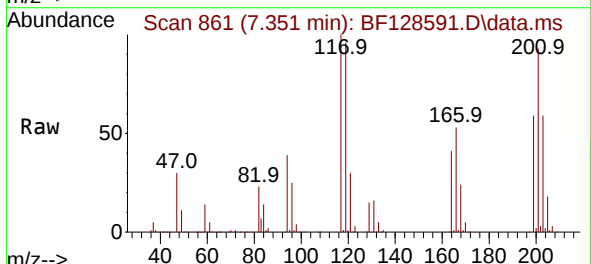
Instrument :
BNA_F
ClientSampleId :
PB145191BS

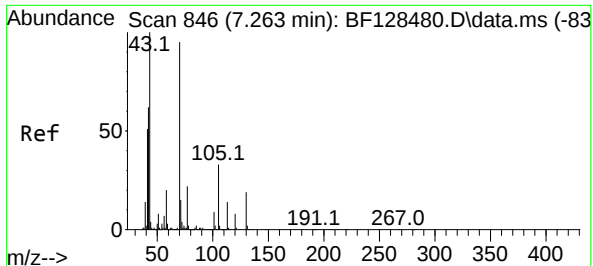
Tgt Ion:	107	Resp:	359806
Ion	Ratio	Lower	Upper
107	100		
108	112.4	91.9	137.9
77	54.5	37.8	56.8
79	55.6	37.4	56.0



#18
Hexachloroethane
Concen: 44.560 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion:	117	Resp:	187290
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.4	116.2
201	93.5	84.6	127.0

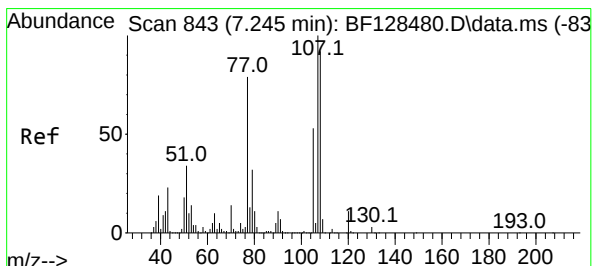
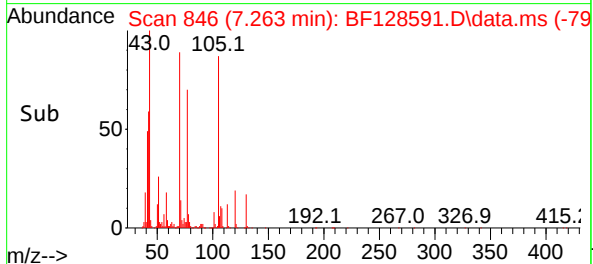
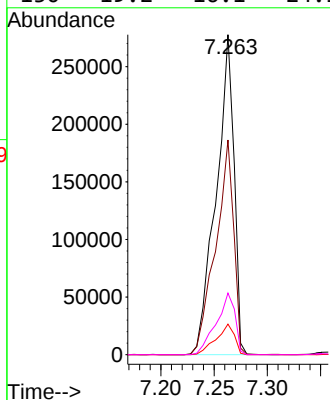
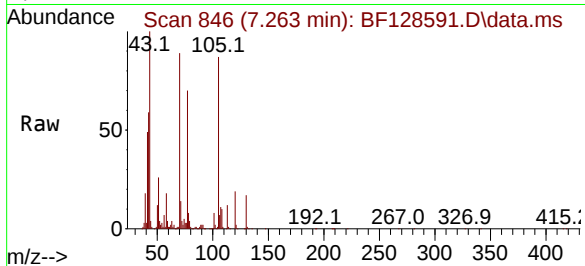




#19
n-Nitroso-di-n-propylamine
Concen: 41.382 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

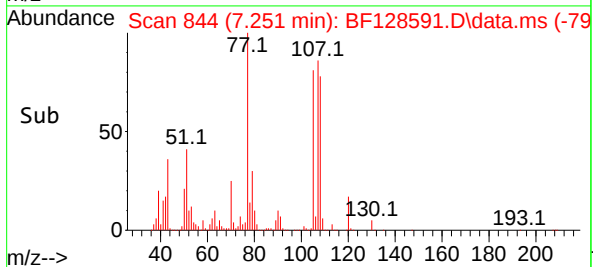
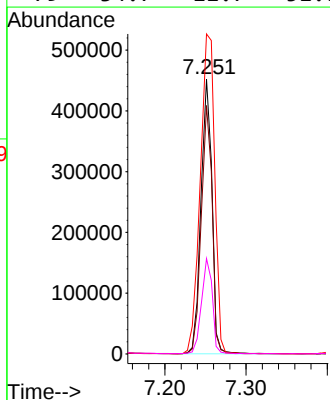
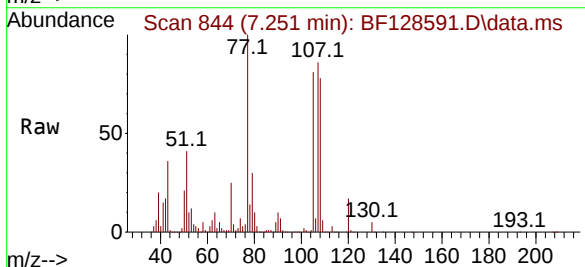
Instrument :
BNA_F
ClientSampleId :
PB145191BS

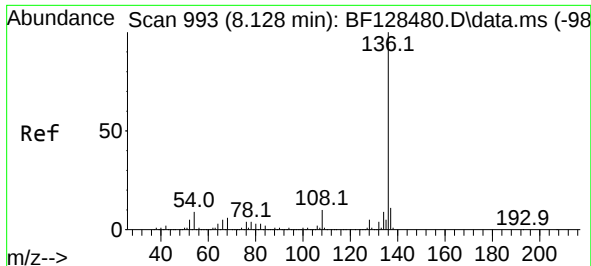
Tgt Ion: 70 Resp: 323500
Ion Ratio Lower Upper
70 100
42 67.1 52.3 78.5
101 9.6 7.5 11.3
130 19.2 16.1 24.1



#20
3+4-Methylphenols
Concen: 39.867 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion: 107 Resp: 425026
Ion Ratio Lower Upper
107 100
108 90.4 71.8 111.8
77 116.5 59.3 99.3#
79 34.7 11.7 51.7

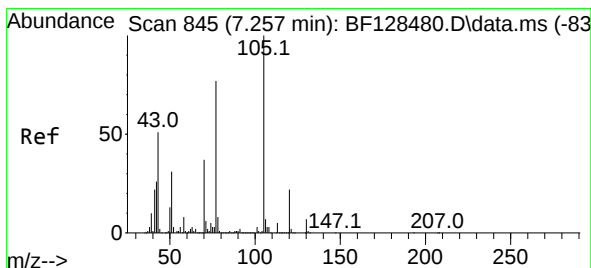
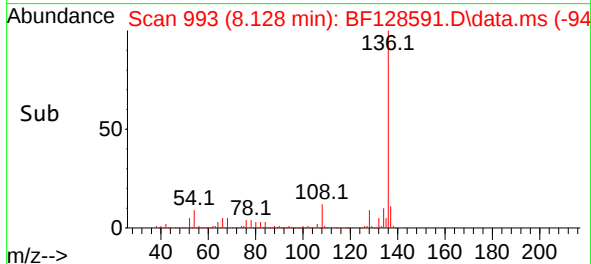
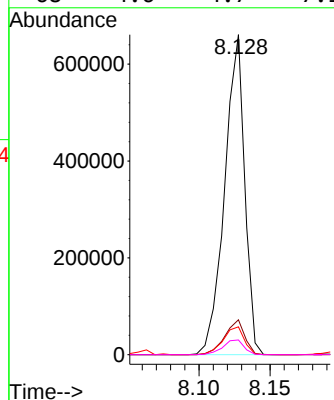
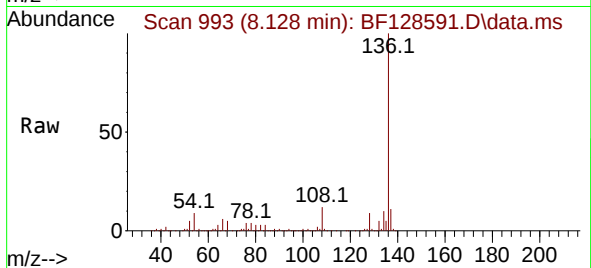




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

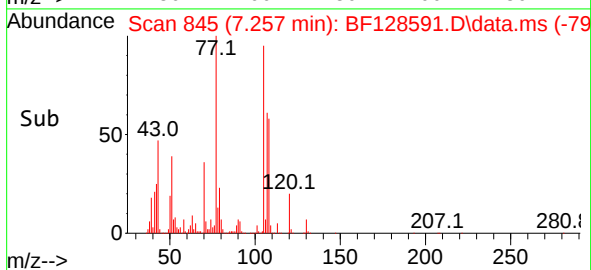
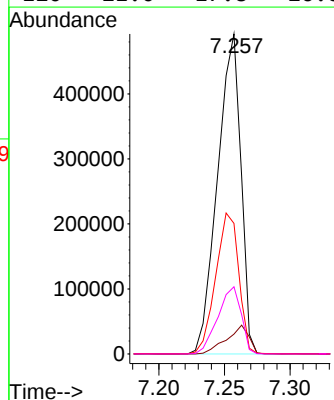
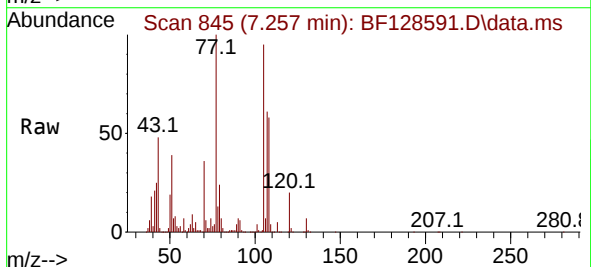
Instrument :
BNA_F
ClientSampleId :
PB145191BS

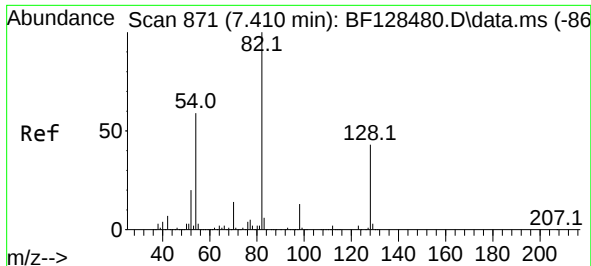
Tgt Ion:136 Resp: 646322
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.7 7.5 11.3
68 4.6 4.7 7.1#



#22
Acetophenone
Concen: 40.812 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion:105 Resp: 608219
Ion Ratio Lower Upper
105 100
71 6.2 5.0 7.4
51 40.8 25.0 37.4#
120 21.0 17.8 26.8

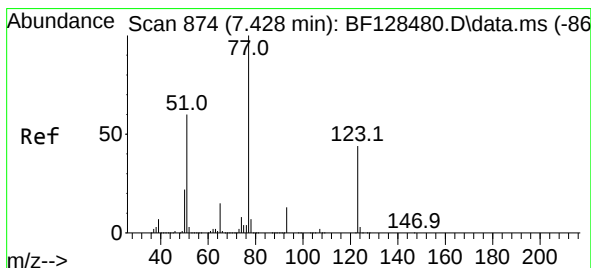
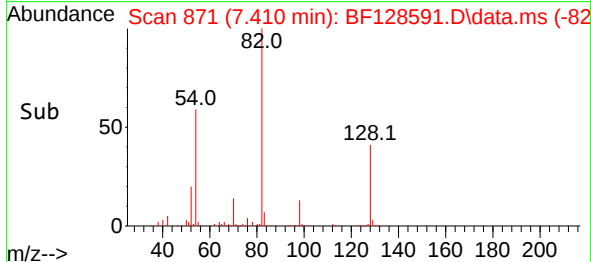
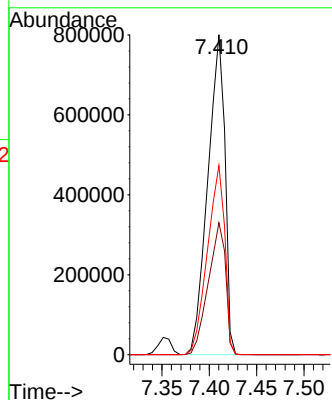
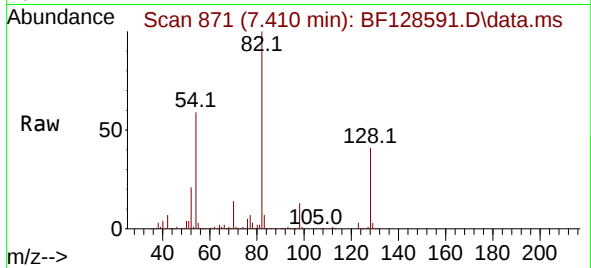




#23
Nitrobenzene-d5
Concen: 89.664 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

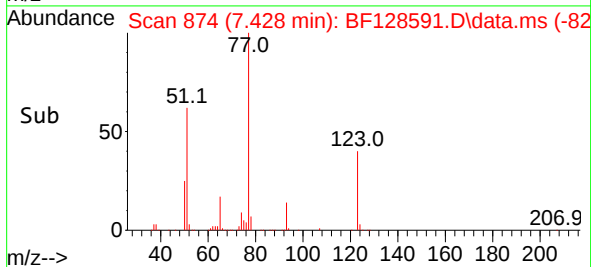
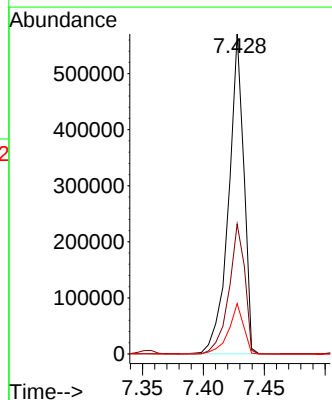
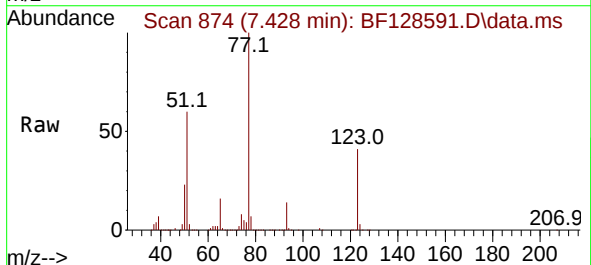
Instrument :
BNA_F
ClientSampleId :
PB145191BS

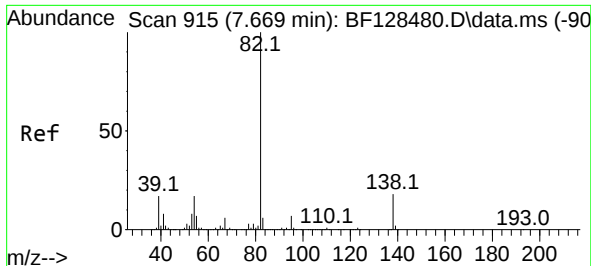
Tgt Ion: 82 Resp: 1004565
Ion Ratio Lower Upper
82 100
128 41.3 34.0 51.0
54 59.1 46.9 70.3



#24
Nitrobenzene
Concen: 44.734 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion: 77 Resp: 495486
Ion Ratio Lower Upper
77 100
123 40.6 35.4 53.2
65 15.8 11.8 17.8

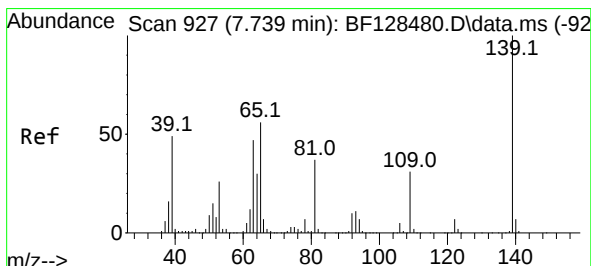
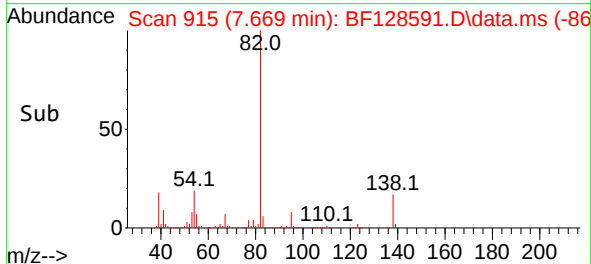
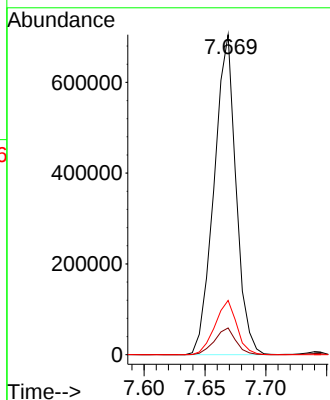
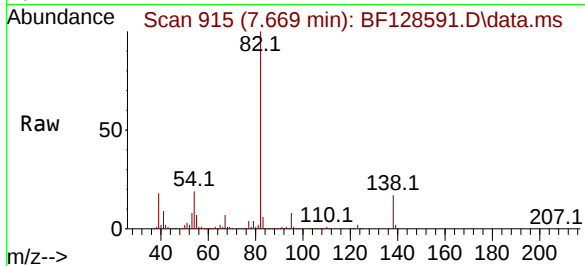




#25
Isophorone
Concen: 42.738 ng
RT: 7.669 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

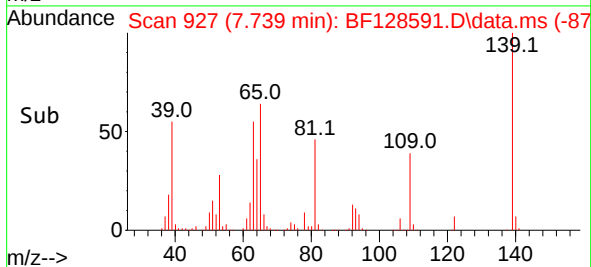
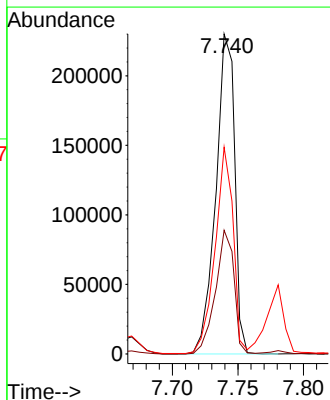
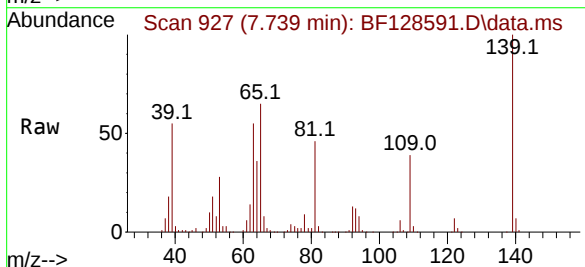
Instrument :
BNA_F
ClientSampleId :
PB145191BS

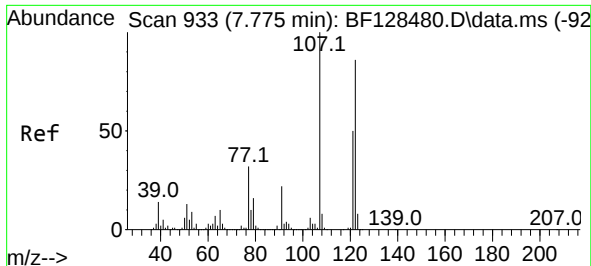
Tgt Ion: 82 Resp: 883299
Ion Ratio Lower Upper
82 100
95 8.4 5.7 8.5
138 17.0 14.2 21.2



#26
2-Nitrophenol
Concen: 49.608 ng
RT: 7.739 min Scan# 927
Delta R.T. 0.000 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion:139 Resp: 229652
Ion Ratio Lower Upper
139 100
109 38.6 25.0 37.4#
65 64.6 45.1 67.7

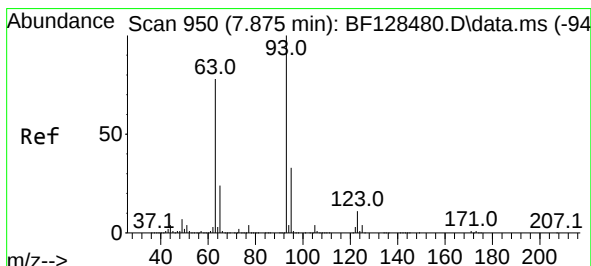
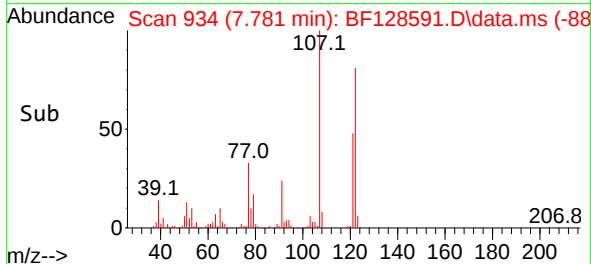
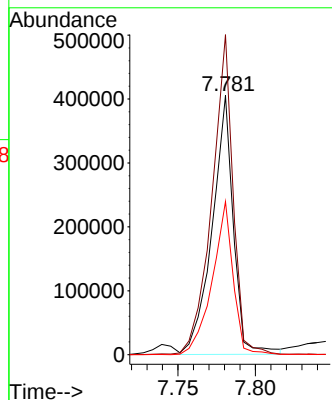
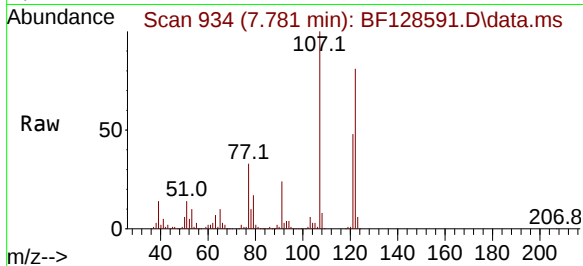




#27
2,4-Dimethylphenol
Concen: 41.977 ng
RT: 7.781 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

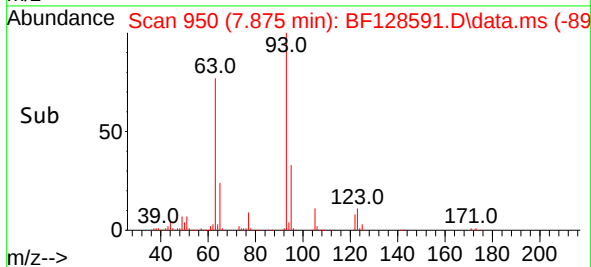
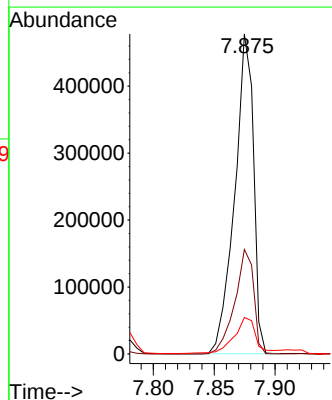
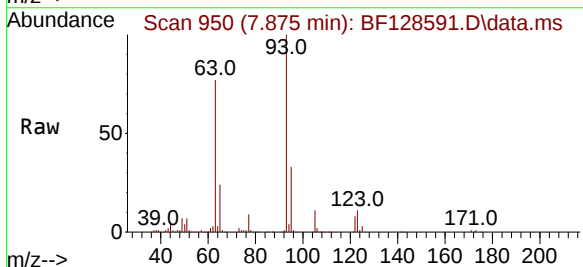
Instrument :
BNA_F
ClientSampleId :
PB145191BS

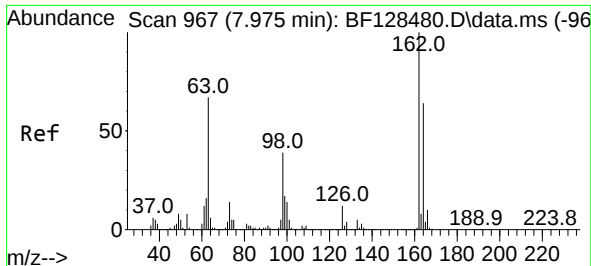
Tgt Ion:122 Resp: 386252
Ion Ratio Lower Upper
122 100
107 123.4 93.0 139.6
121 59.1 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 38.157 ng
RT: 7.875 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion: 93 Resp: 511813
Ion Ratio Lower Upper
93 100
95 32.7 26.8 40.2
123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.874 ng

RT: 7.987 min Scan# 90

Delta R.T. 0.012 min

Lab File: BF128591.D

Acq: 31 May 2022 13:03

Instrument :

BNA_F

ClientSampleId :

PB145191BS

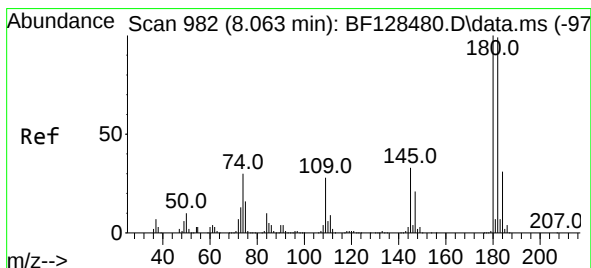
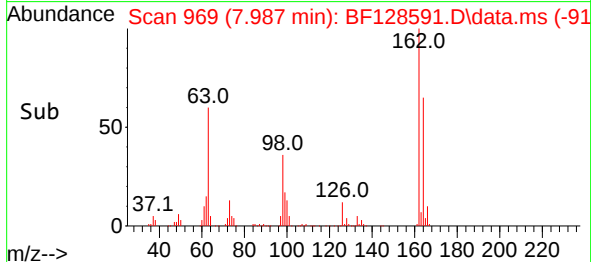
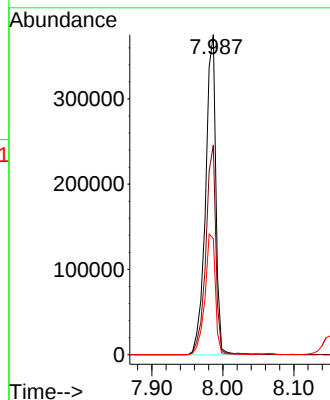
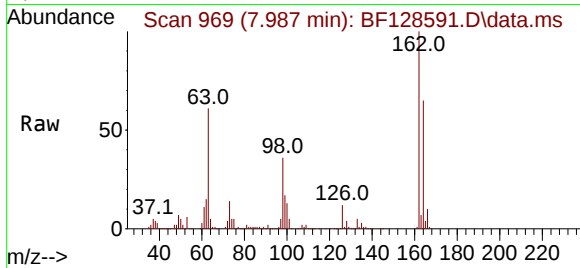
Tgt Ion:162 Resp: 379710

Ion Ratio Lower Upper

162 100

164 65.4 44.2 84.2

98 36.3 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 40.344 ng

RT: 8.069 min Scan# 983

Delta R.T. 0.006 min

Lab File: BF128591.D

Acq: 31 May 2022 13:03

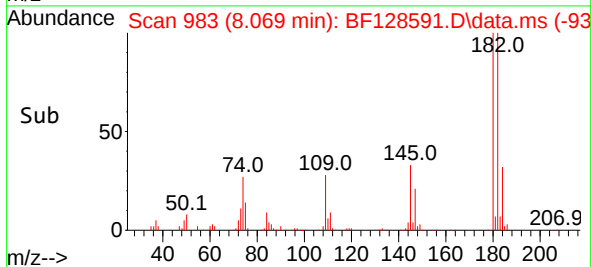
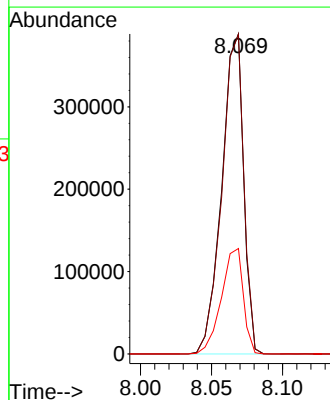
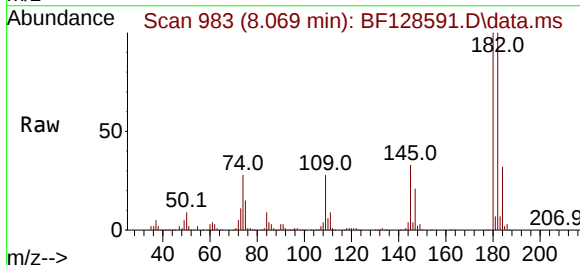
Tgt Ion:180 Resp: 416147

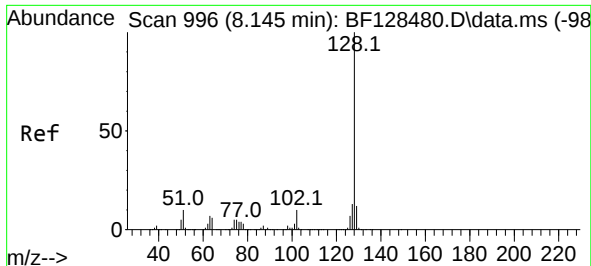
Ion Ratio Lower Upper

180 100

182 99.9 79.2 118.8

145 33.0 26.2 39.2

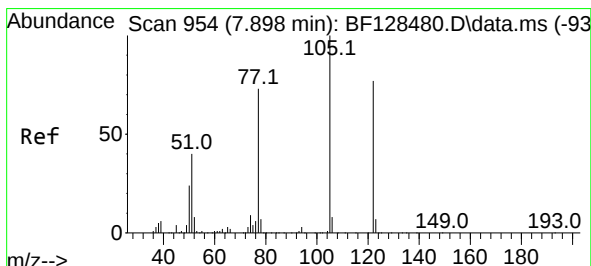
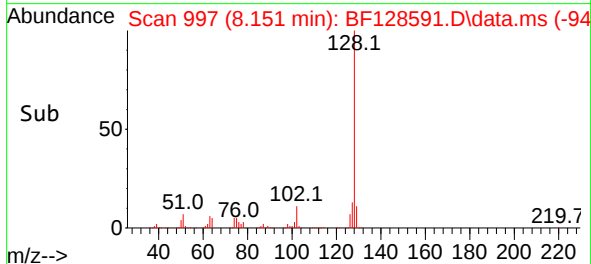
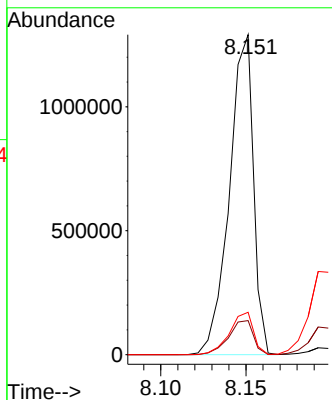
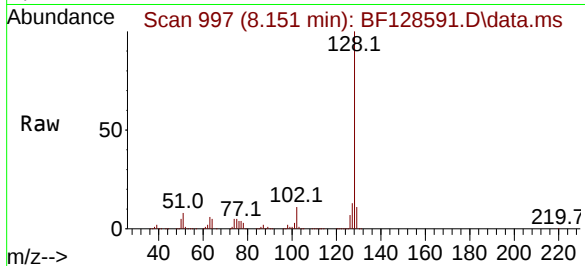




#31
Naphthalene
Concen: 40.134 ng
RT: 8.151 min Scan# 996
Delta R.T. 0.006 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

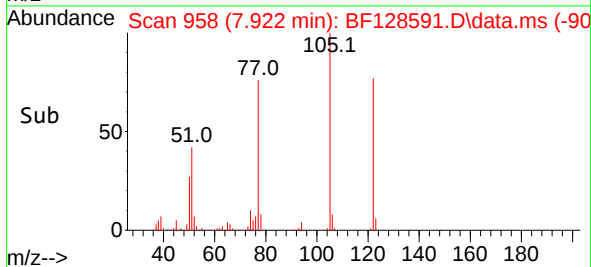
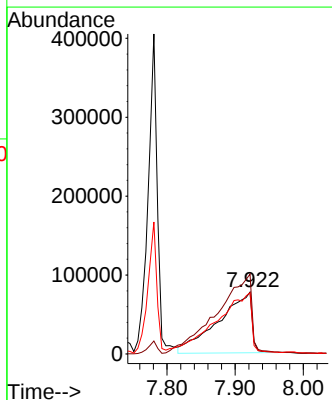
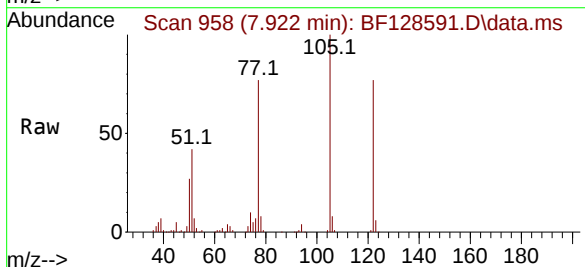
Instrument :
BNA_F
ClientSampleId :
PB145191BS

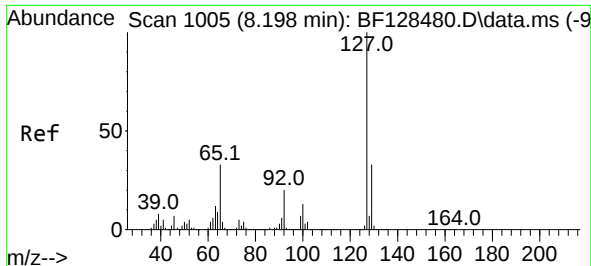
Tgt Ion:128 Resp: 1269576
Ion Ratio Lower Upper
128 100
129 10.7 9.2 13.8
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 40.444 ng
RT: 7.922 min Scan# 958
Delta R.T. 0.024 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion:122 Resp: 263069
Ion Ratio Lower Upper
122 100
105 129.1 107.1 147.1
77 99.1 74.2 114.2

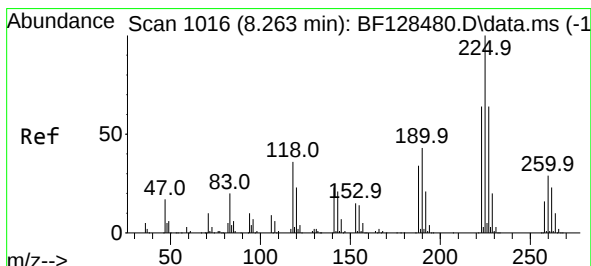
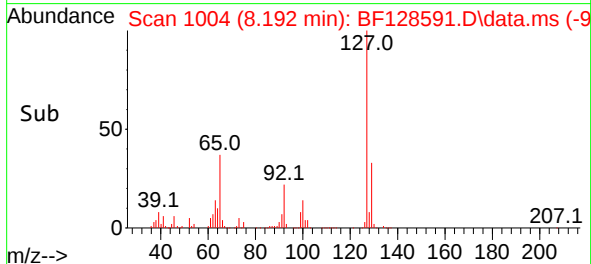
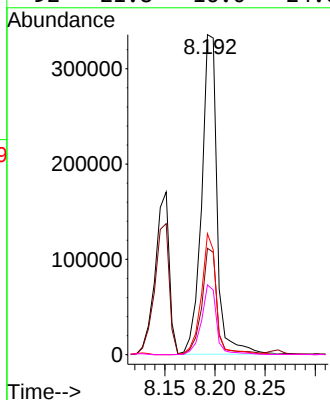
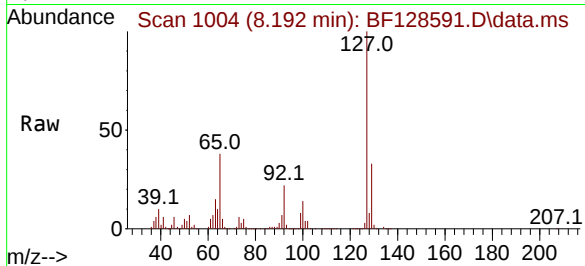




#33
4-Chloroaniline
Concen: 28.836 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

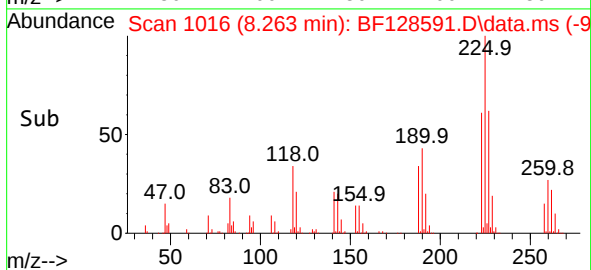
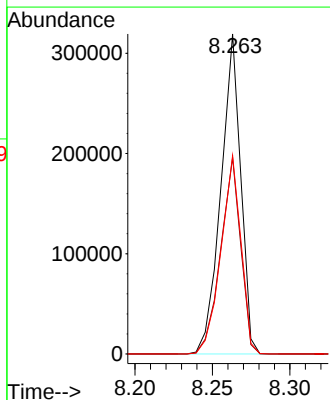
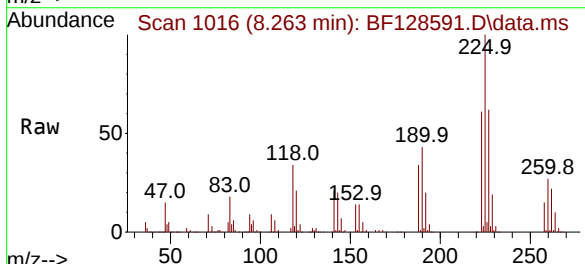
Instrument :
BNA_F
ClientSampleId :
PB145191BS

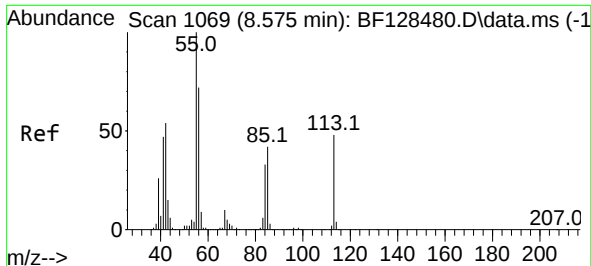
Tgt Ion:	127	Resp:	363196
Ion Ratio	Lower	Upper	
127	100		
129	33.3	26.4	39.6
65	37.8	26.4	39.6
92	21.8	16.0	24.0



#34
Hexachlorobutadiene
Concen: 43.604 ng
RT: 8.263 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion:	225	Resp:	283979
Ion Ratio	Lower	Upper	
225	100		
223	61.3	51.0	76.6
227	62.0	51.1	76.7

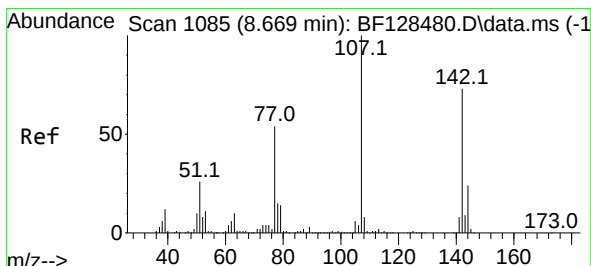
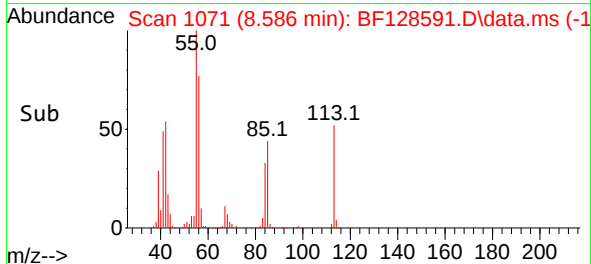
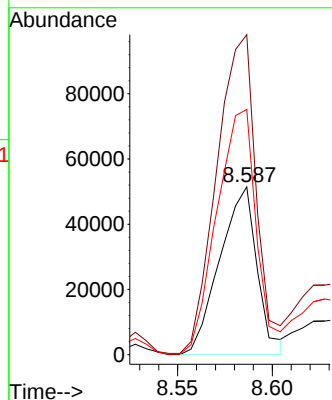
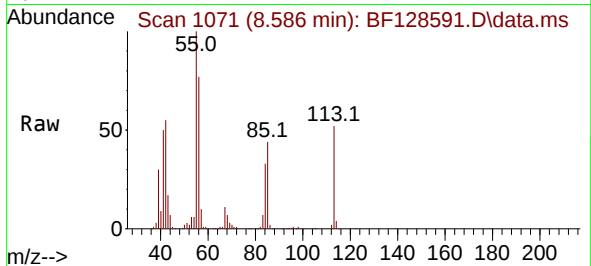




#35
 Caprolactam
 Concen: 24.060 ng
 RT: 8.586 min Scan# 1069
 Delta R.T. 0.012 min
 Lab File: BF128591.D
 Acq: 31 May 2022 13:03

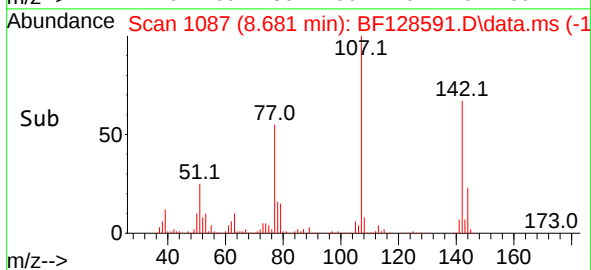
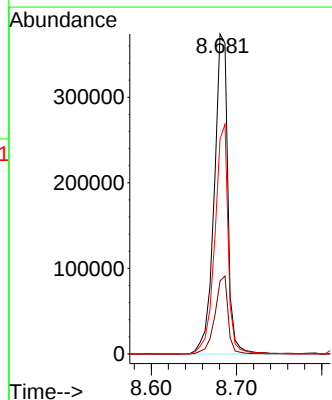
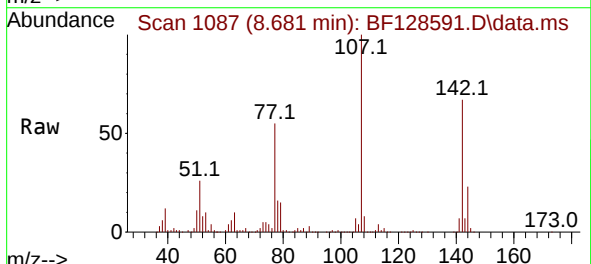
Instrument :
 BNA_F
 ClientSampleId :
 PB145191BS

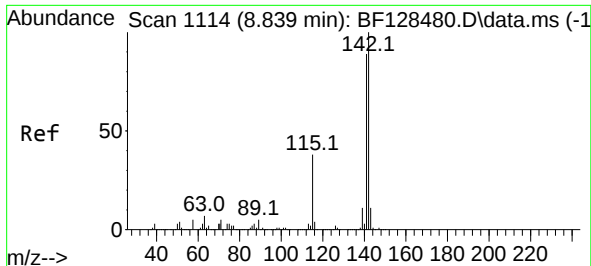
Tgt Ion:113 Resp: 70650
 Ion Ratio Lower Upper
 113 100
 55 190.7 188.5 228.5
 56 146.2 130.6 170.6



#36
 4-Chloro-3-methylphenol
 Concen: 42.366 ng
 RT: 8.681 min Scan# 1087
 Delta R.T. 0.012 min
 Lab File: BF128591.D
 Acq: 31 May 2022 13:03

Tgt Ion:107 Resp: 414452
 Ion Ratio Lower Upper
 107 100
 144 22.8 19.5 29.3
 142 67.2 58.2 87.4

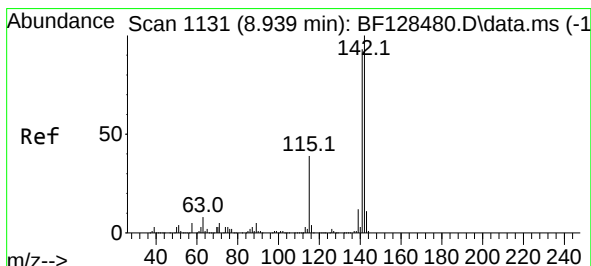
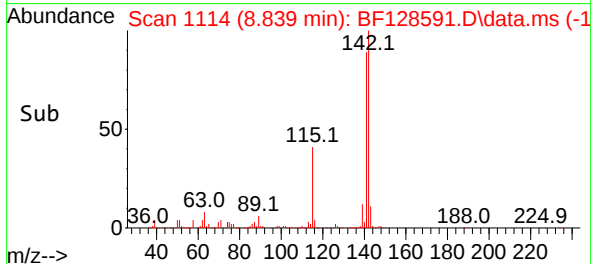
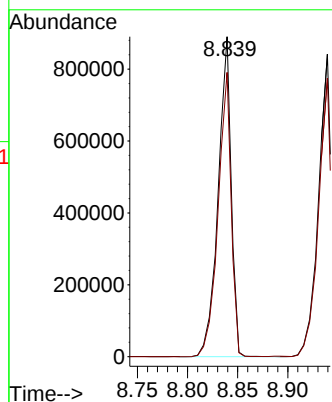
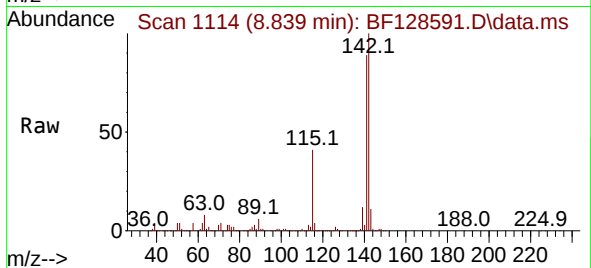




#37
2-Methylnaphthalene
Concen: 40.213 ng
RT: 8.839 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

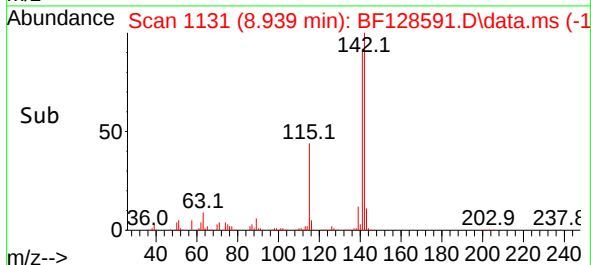
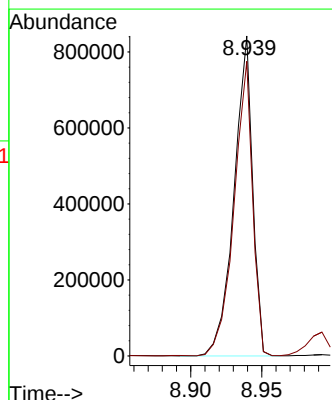
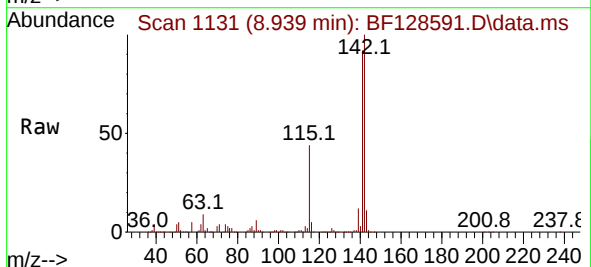
Instrument :
BNA_F
ClientSampleId :
PB145191BS

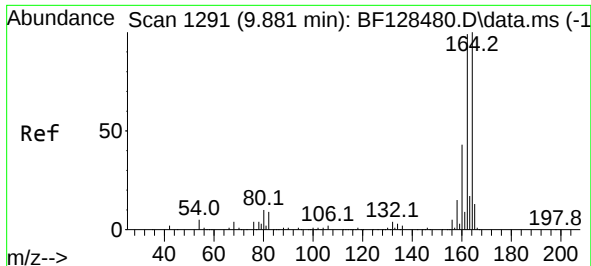
Tgt Ion:142 Resp: 802946
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.4



#38
1-Methylnaphthalene
Concen: 39.382 ng
RT: 8.939 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion:142 Resp: 764787
Ion Ratio Lower Upper
142 100
141 92.0 74.2 111.4

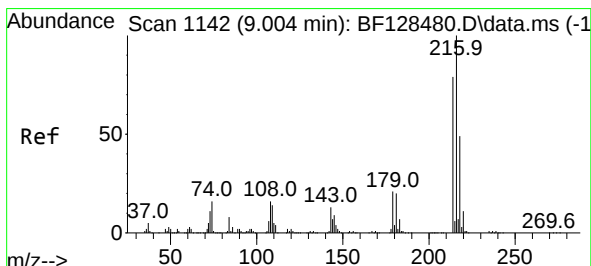
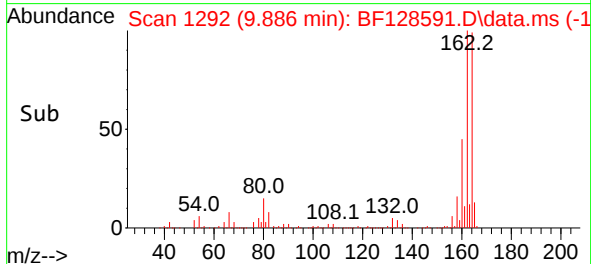
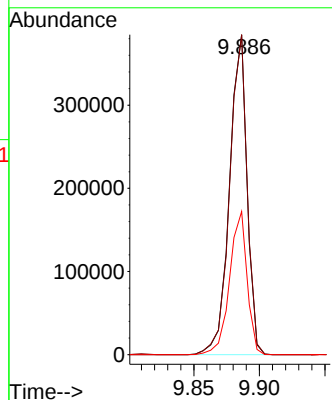
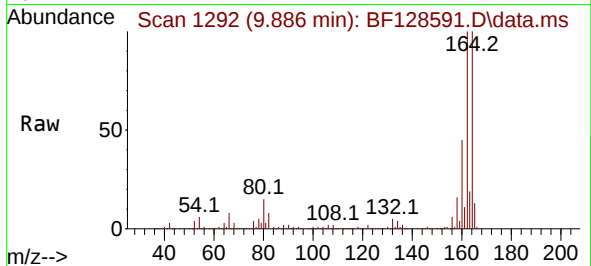




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1129
Delta R.T. 0.005 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

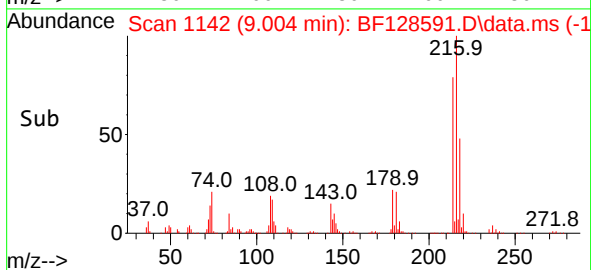
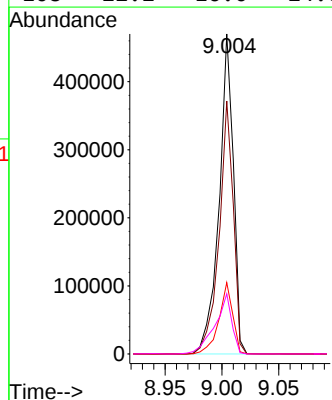
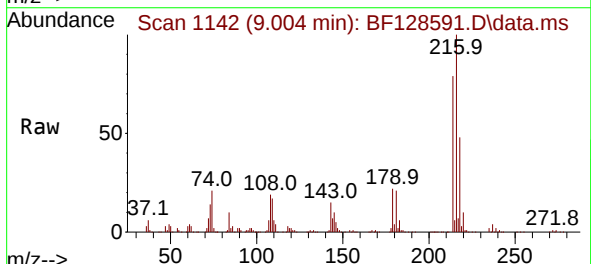
Instrument :
BNA_F
ClientSampleId :
PB145191BS

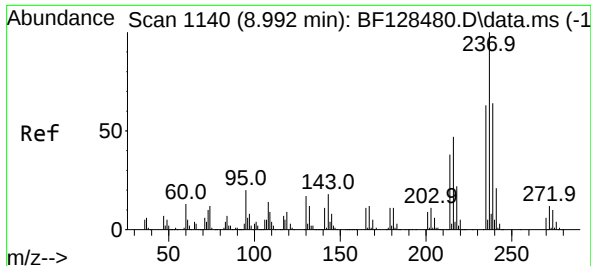
Tgt Ion:164 Resp: 357252
Ion Ratio Lower Upper
164 100
162 100.1 79.5 119.3
160 44.8 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.888 ng
RT: 9.004 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion:216 Resp: 410935
Ion Ratio Lower Upper
216 100
214 78.4 63.6 95.4
179 21.7 17.0 25.6
108 22.2 16.0 24.0

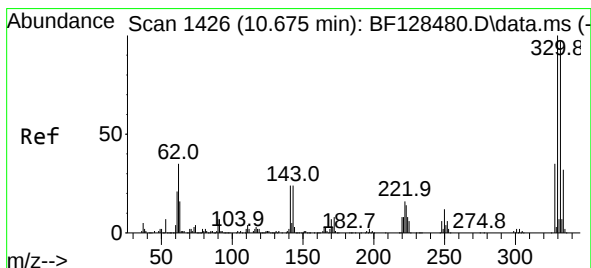
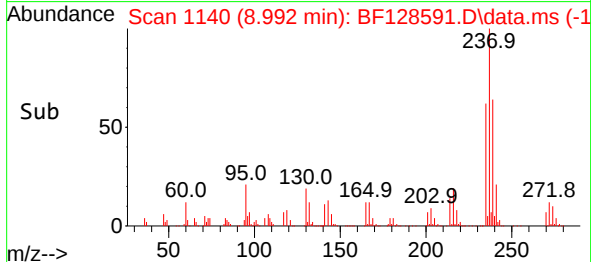
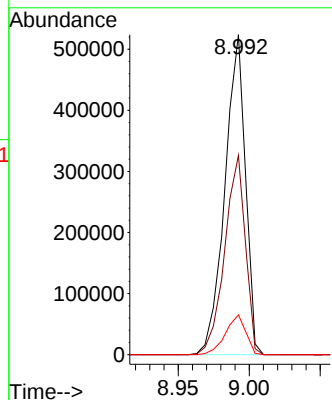
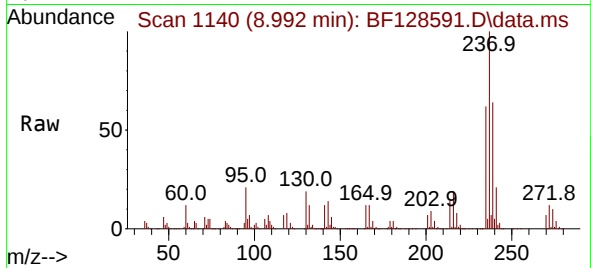




#41
Hexachlorocyclopentadiene
Concen: 95.284 ng
RT: 8.992 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

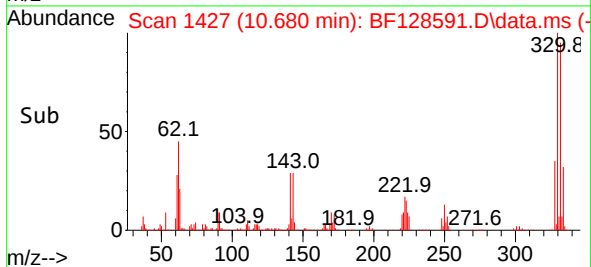
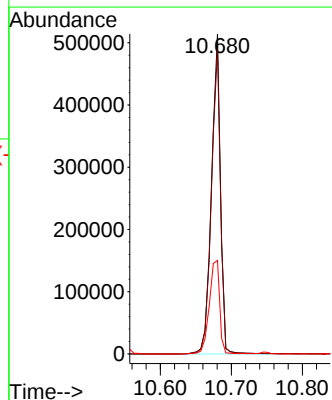
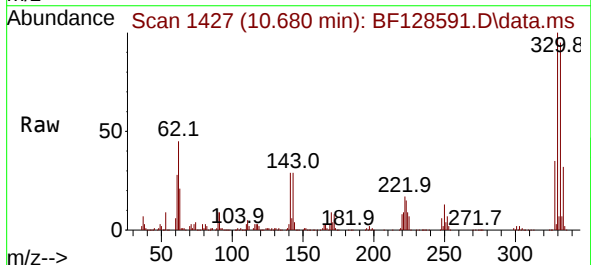
Instrument :
BNA_F
ClientSampleId :
PB145191BS

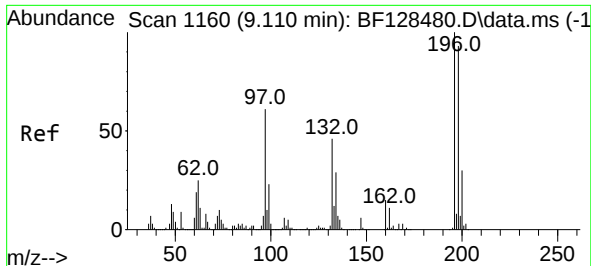
Tgt Ion:237 Resp: 525452
Ion Ratio Lower Upper
237 100
235 62.3 43.2 83.2
272 12.5 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 133.668 ng
RT: 10.680 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion:330 Resp: 454529
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 33.6 28.0 42.0

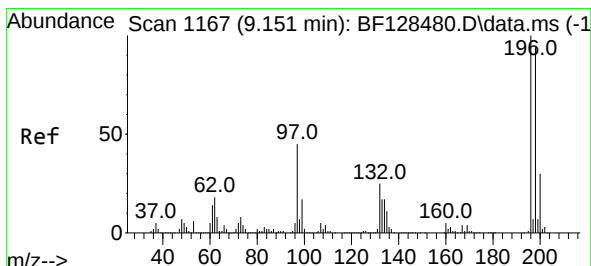
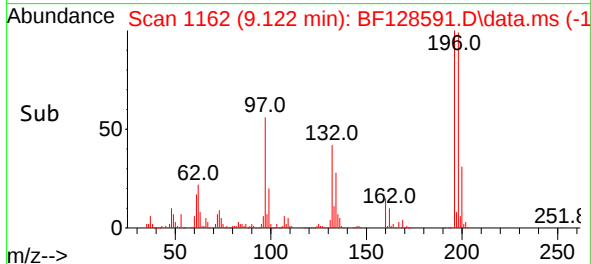
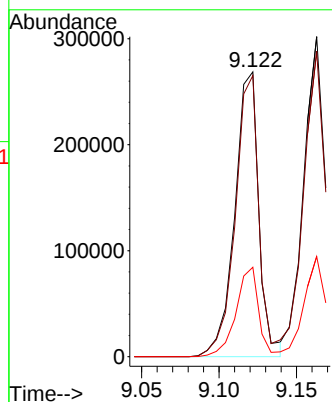
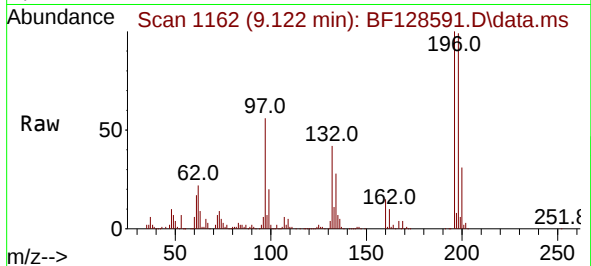




#43
2,4,6-Trichlorophenol
Concen: 40.127 ng
RT: 9.122 min Scan# 1160
Delta R.T. 0.012 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

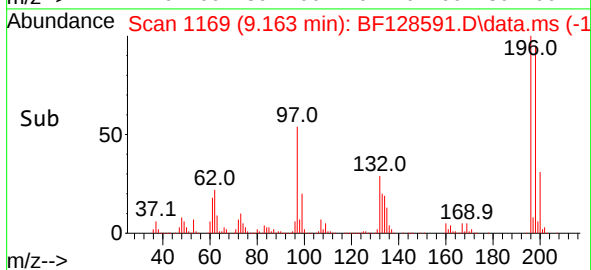
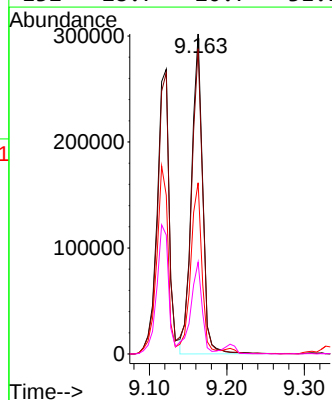
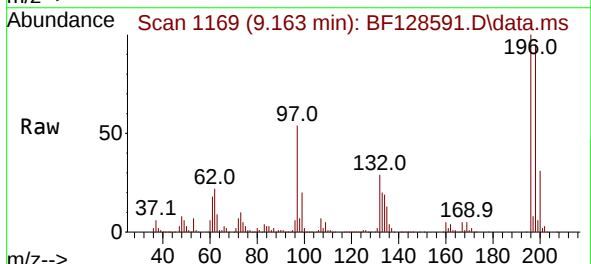
Instrument :
BNA_F
ClientSampleId :
PB145191BS

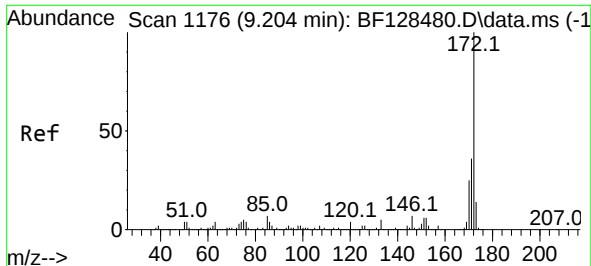
Tgt Ion:196 Resp: 290297
Ion Ratio Lower Upper
196 100
198 98.7 74.0 111.0
200 31.4 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 40.351 ng
RT: 9.163 min Scan# 1169
Delta R.T. 0.012 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion:196 Resp: 300782
Ion Ratio Lower Upper
196 100
198 95.4 75.7 113.5
97 53.5 36.4 54.6
132 28.7 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 83.647 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF128591.D

Acq: 31 May 2022 13:03

Instrument :

BNA_F

ClientSampleId :

PB145191BS

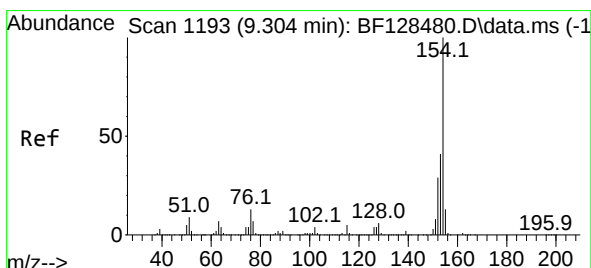
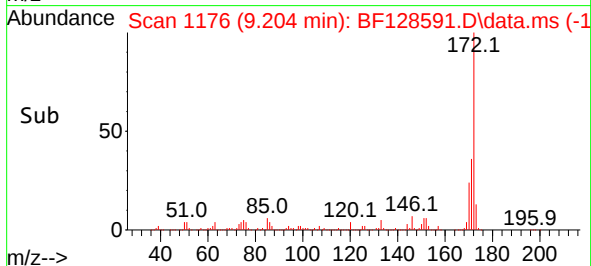
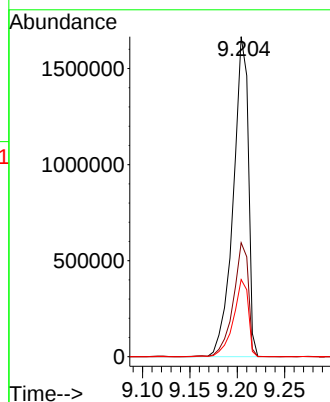
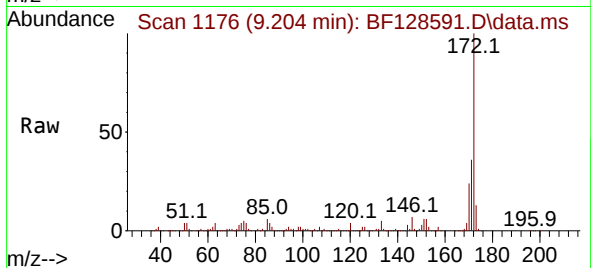
Tgt Ion:172 Resp: 1839357

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.1 19.8 29.8



#46

1,1'-Biphenyl

Concen: 40.438 ng

RT: 9.304 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF128591.D

Acq: 31 May 2022 13:03

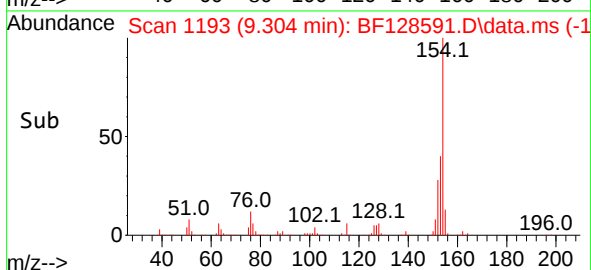
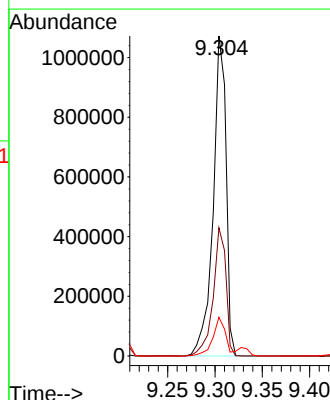
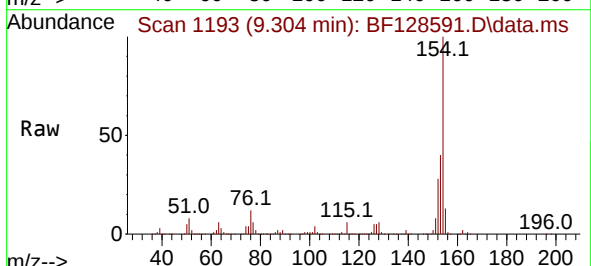
Tgt Ion:154 Resp: 1014399

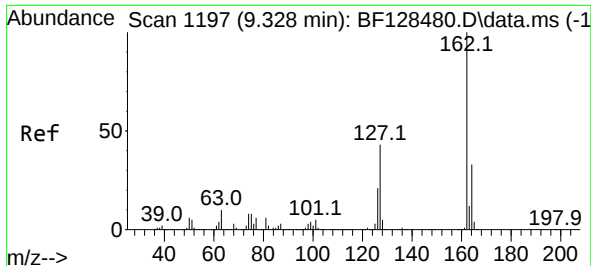
Ion Ratio Lower Upper

154 100

153 40.0 20.6 60.6

76 12.1 0.0 33.3

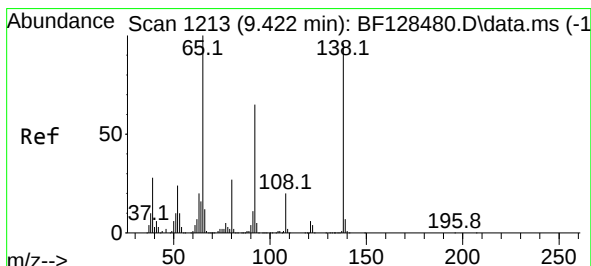
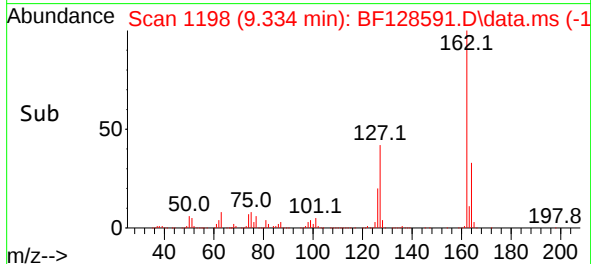
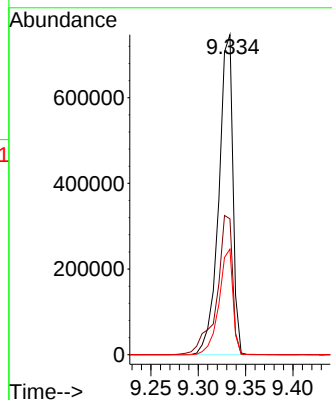
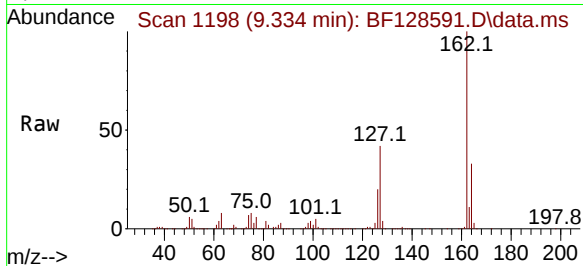




#47
2-Chloronaphthalene
Concen: 39.445 ng
RT: 9.334 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

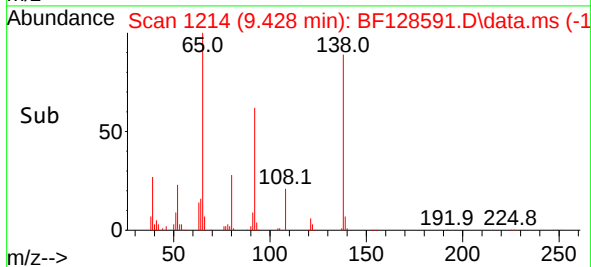
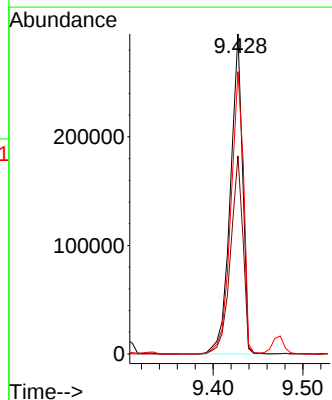
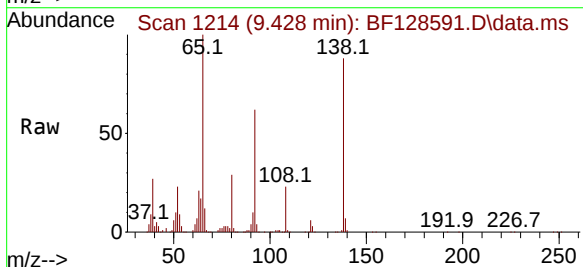
Instrument :
BNA_F
ClientSampleId :
PB145191BS

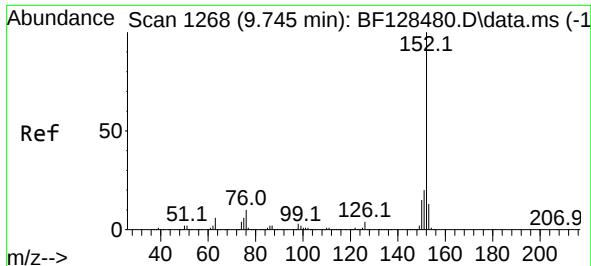
Tgt Ion:162 Resp: 776760
Ion Ratio Lower Upper
162 100
127 42.4 34.5 51.7
164 33.0 26.5 39.7



#48
2-Nitroaniline
Concen: 51.136 ng
RT: 9.428 min Scan# 1214
Delta R.T. 0.006 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion: 65 Resp: 280013
Ion Ratio Lower Upper
65 100
92 61.9 51.9 77.9
138 88.3 76.4 114.6





#49

Acenaphthylene

Concen: 42.102 ng

RT: 9.751 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF128591.D

Acq: 31 May 2022 13:03

Instrument :

BNA_F

ClientSampleId :

PB145191BS

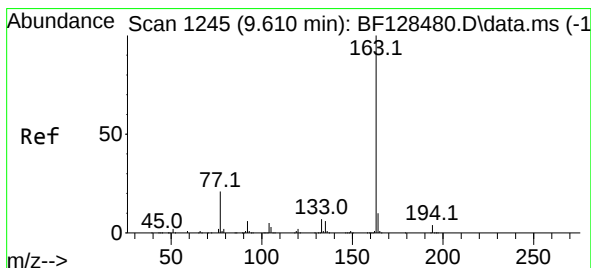
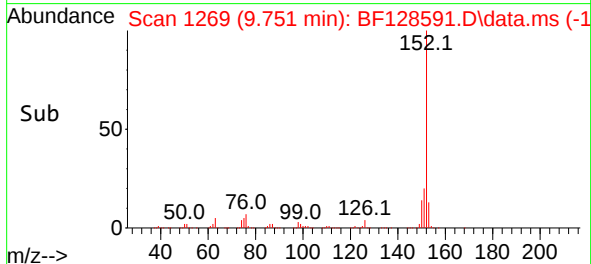
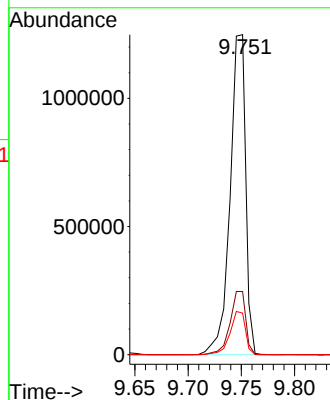
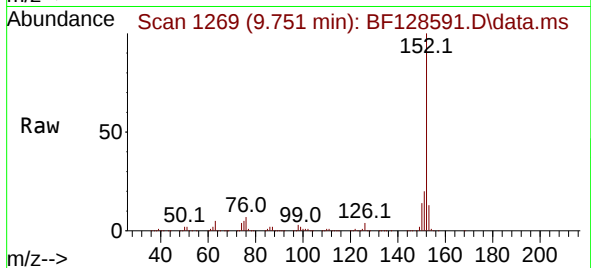
Tgt Ion:152 Resp: 1273656

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.4

153 13.0 10.7 16.1



#50

Dimethylphthalate

Concen: 41.606 ng

RT: 9.616 min Scan# 1246

Delta R.T. 0.006 min

Lab File: BF128591.D

Acq: 31 May 2022 13:03

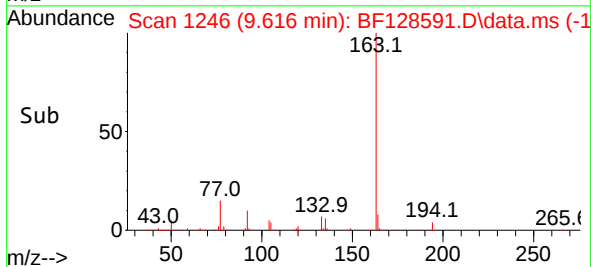
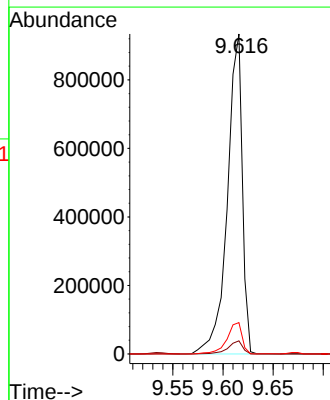
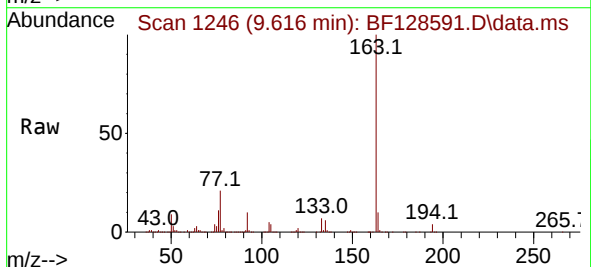
Tgt Ion:163 Resp: 964171

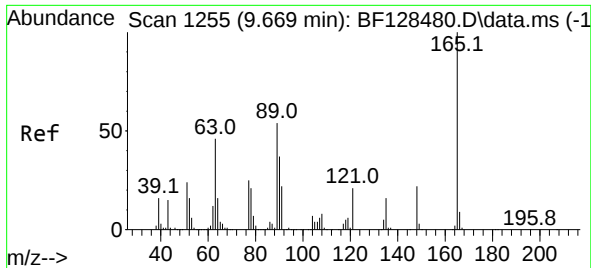
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 9.8 8.2 12.2

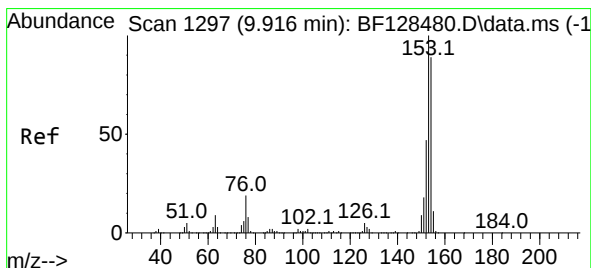
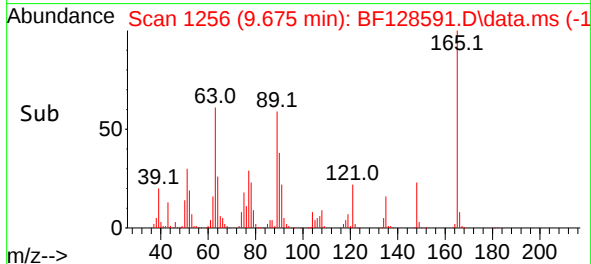
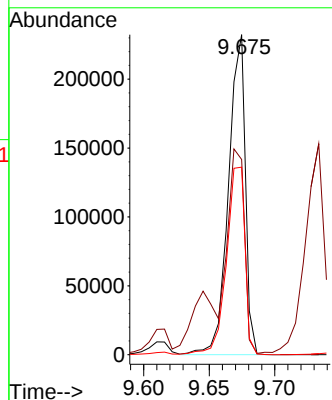
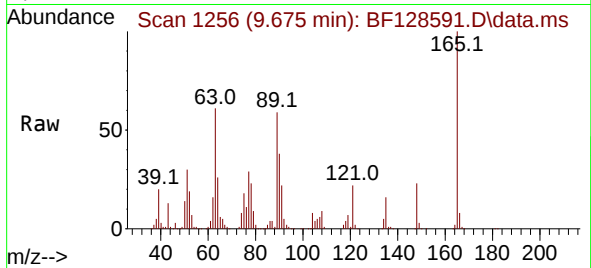




#51
2,6-Dinitrotoluene
Concen: 49.006 ng
RT: 9.675 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

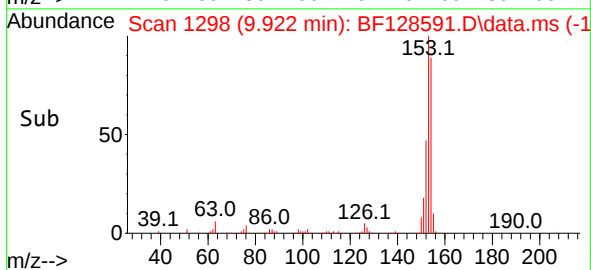
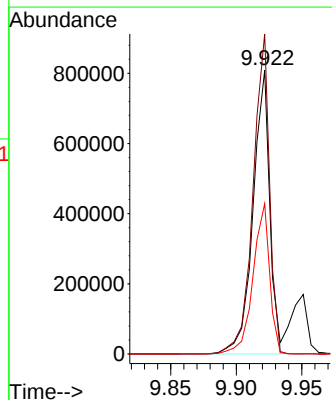
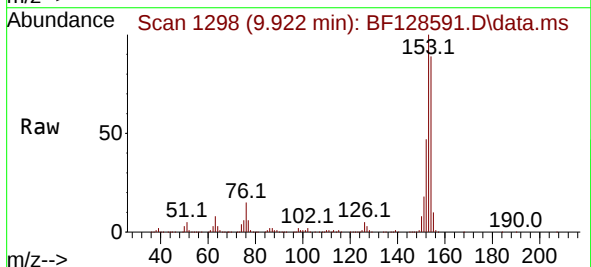
Instrument :
BNA_F
ClientSampleId :
PB145191BS

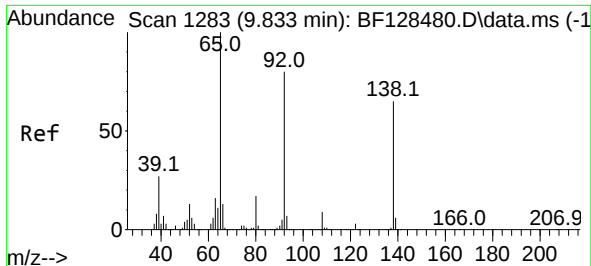
Tgt Ion:165 Resp: 208132
Ion Ratio Lower Upper
165 100
63 61.0 44.9 67.3
89 58.6 43.6 65.4



#52
Acenaphthene
Concen: 38.414 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion:154 Resp: 716985
Ion Ratio Lower Upper
154 100
153 112.8 89.6 134.4
152 53.0 42.4 63.6

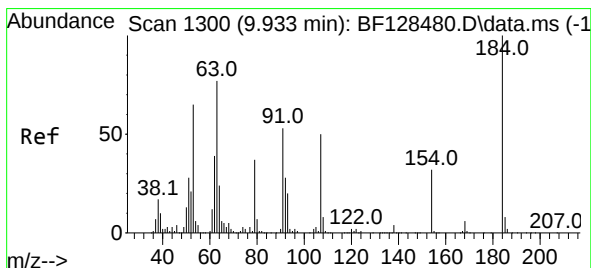
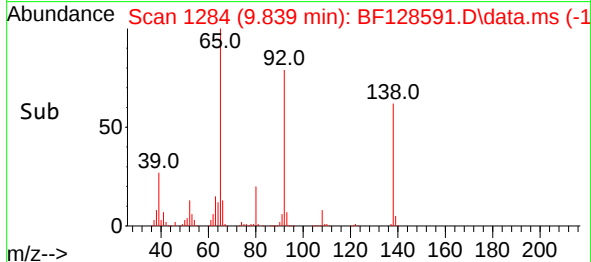
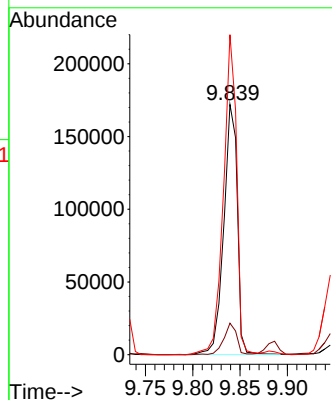
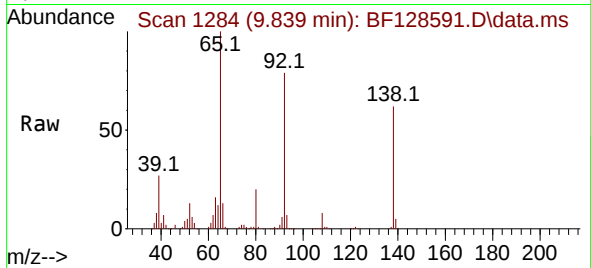




#53
3-Nitroaniline
Concen: 34.990 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

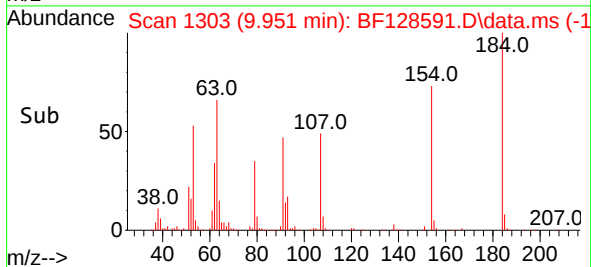
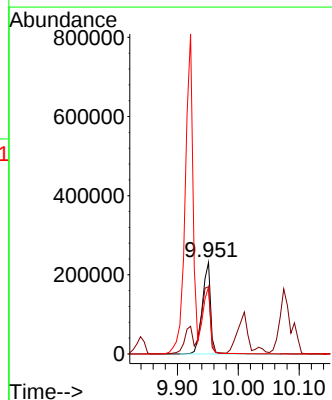
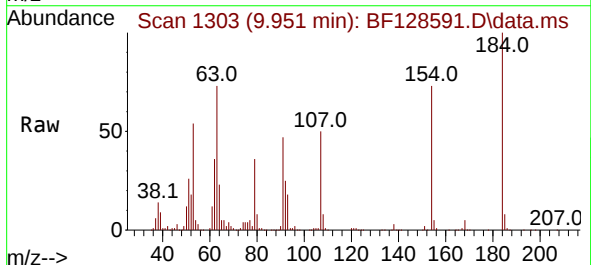
Instrument :
BNA_F
ClientSampleId :
PB145191BS

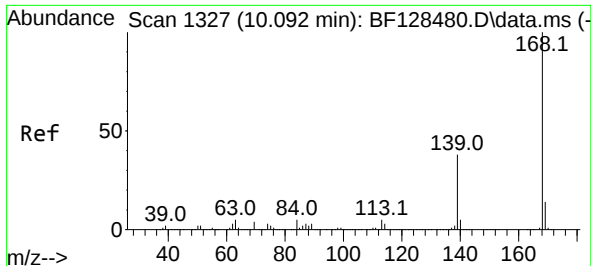
Tgt Ion:138 Resp: 171618
Ion Ratio Lower Upper
138 100
108 12.6 10.9 16.3
92 127.9 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 100.459 ng
RT: 9.951 min Scan# 1303
Delta R.T. 0.018 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion:184 Resp: 220512
Ion Ratio Lower Upper
184 100
63 73.5 64.5 96.7
154 73.4 50.6 75.8

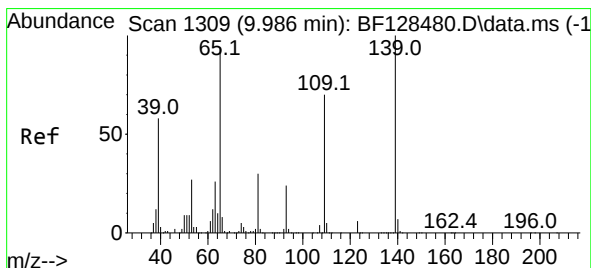
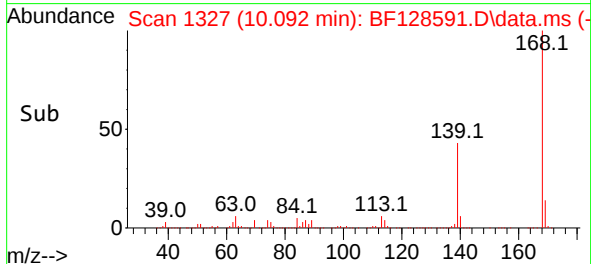
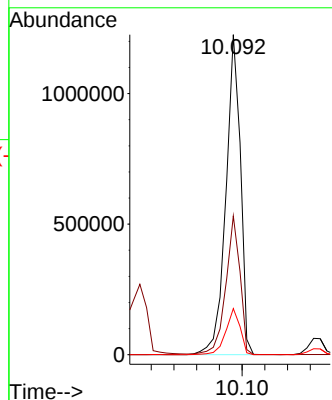
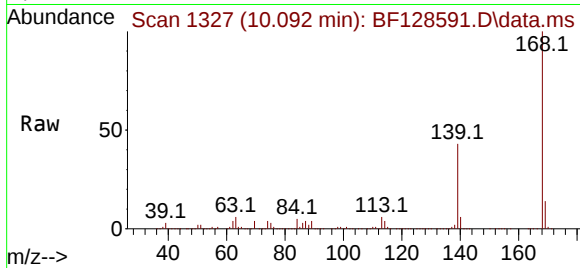




#55
Dibenzofuran
Concen: 39.440 ng
RT: 10.092 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

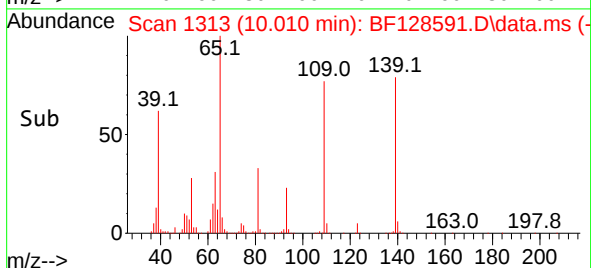
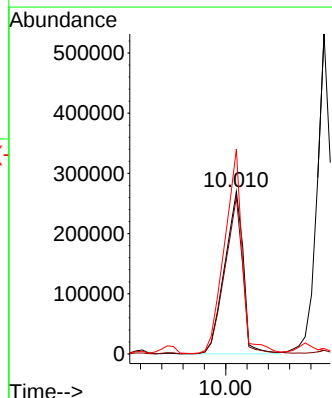
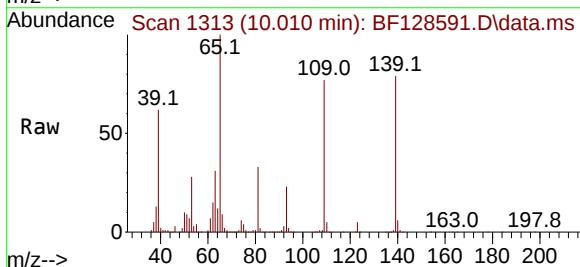
Instrument :
BNA_F
ClientSampleId :
PB145191BS

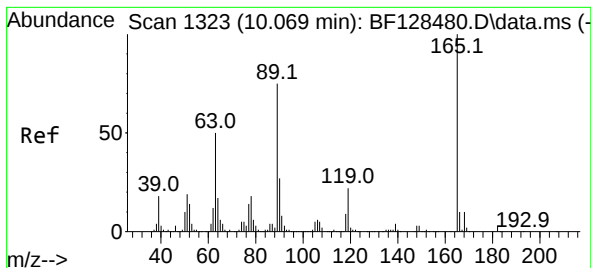
Tgt Ion:168 Resp: 1092193
Ion Ratio Lower Upper
168 100
139 43.4 30.6 46.0
169 14.4 11.0 16.6



#56
4-Nitrophenol
Concen: 81.860 ng
RT: 10.010 min Scan# 1313
Delta R.T. 0.024 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion:139 Resp: 325803
Ion Ratio Lower Upper
139 100
109 96.7 50.7 90.7#
65 126.2 74.5 114.5#

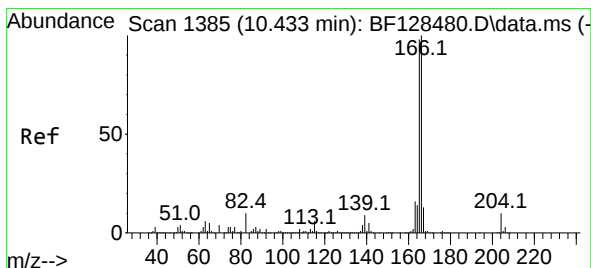
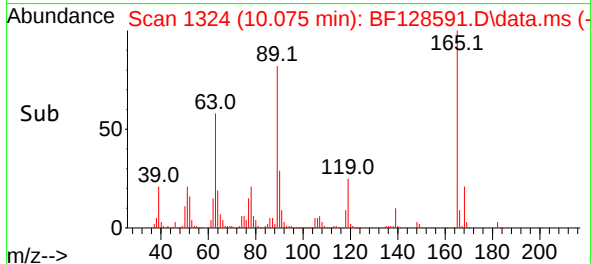
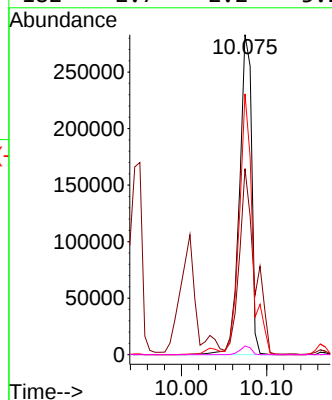
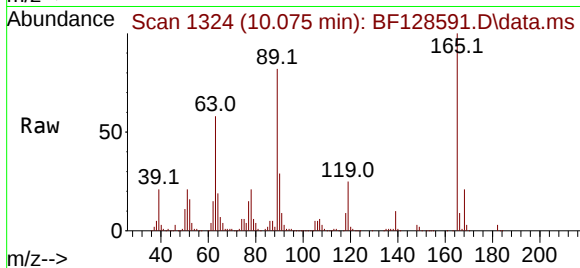




#57
2,4-Dinitrotoluene
Concen: 55.279 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

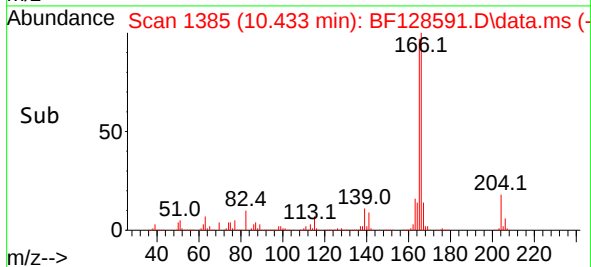
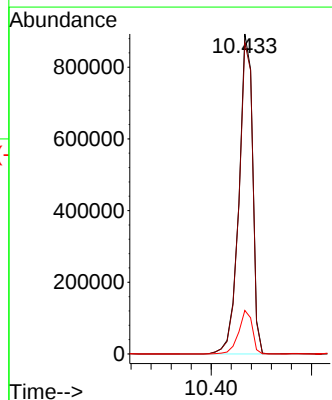
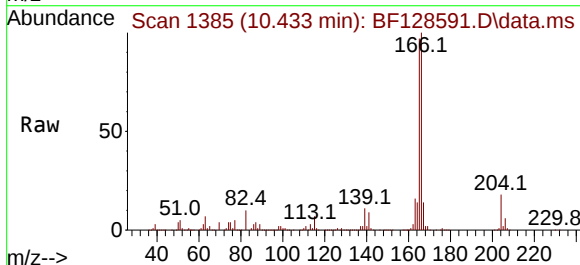
Instrument :
BNA_F
ClientSampleId :
PB145191BS

Tgt Ion:165 Resp: 280875
Ion Ratio Lower Upper
165 100
63 58.2 39.8 59.6
89 81.5 60.2 90.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 42.562 ng
RT: 10.433 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion:166 Resp: 848525
Ion Ratio Lower Upper
166 100
165 97.2 78.1 117.1
167 13.6 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.432 ng

RT: 10.210 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF128591.D

Acq: 31 May 2022 13:03

Instrument :

BNA_F

ClientSampleId :

PB145191BS

Tgt Ion:232 Resp: 250280

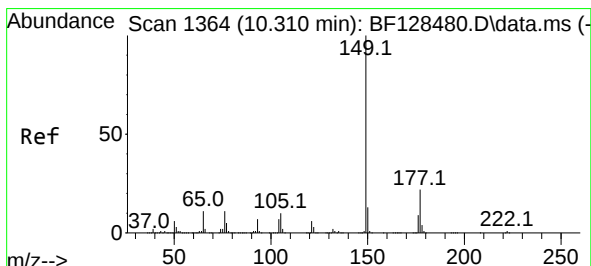
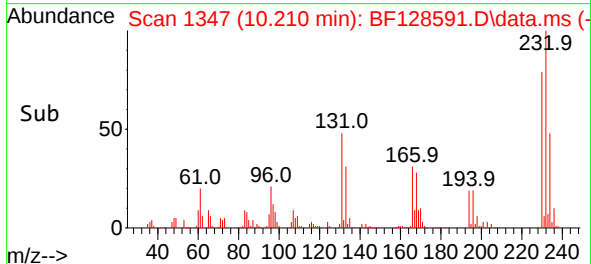
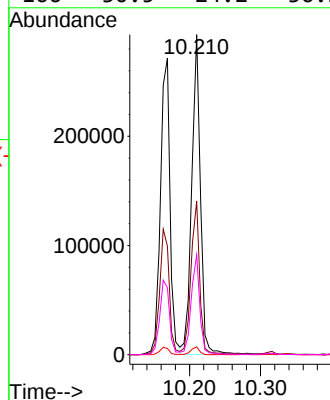
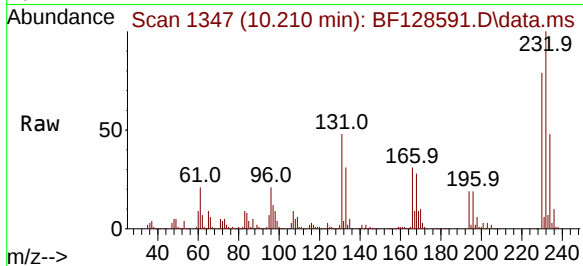
Ion Ratio Lower Upper

232 100

131 47.6 36.1 54.1

130 2.4 1.8 2.8

166 30.5 24.2 36.2



#60

Diethylphthalate

Concen: 41.958 ng

RT: 10.316 min Scan# 1365

Delta R.T. 0.006 min

Lab File: BF128591.D

Acq: 31 May 2022 13:03

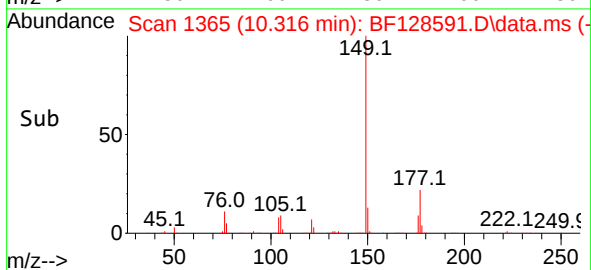
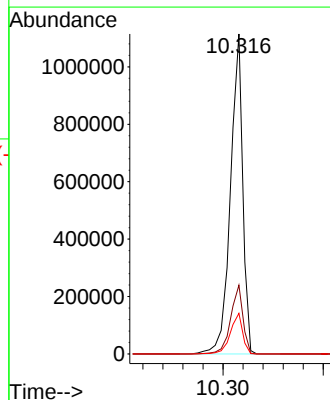
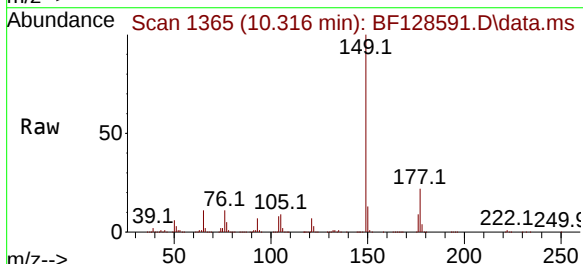
Tgt Ion:149 Resp: 944528

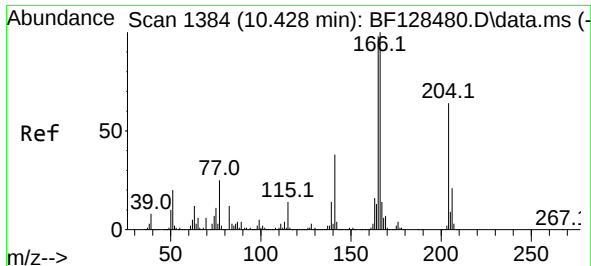
Ion Ratio Lower Upper

149 100

177 21.5 17.3 25.9

150 12.7 10.2 15.2

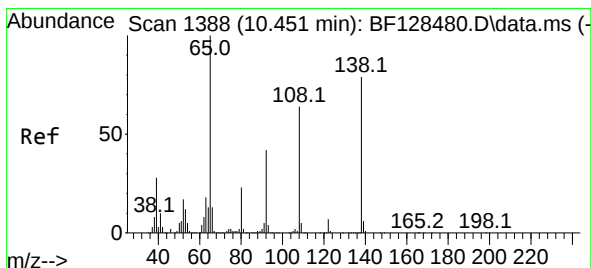
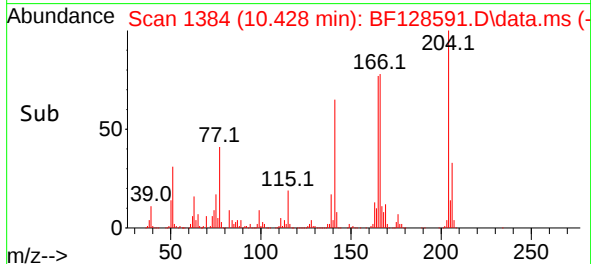
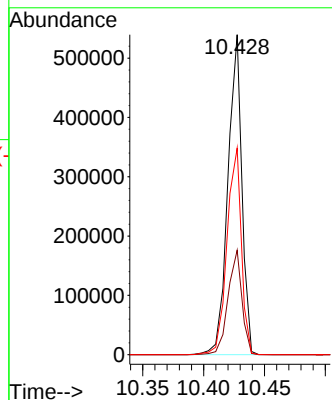
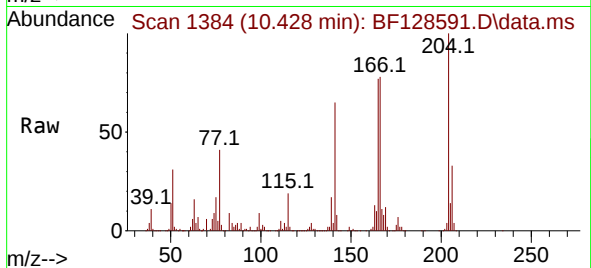




#61
4-Chlorophenyl-phenylether
Concen: 42.594 ng
RT: 10.428 min Scan# 111
Delta R.T. -0.000 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

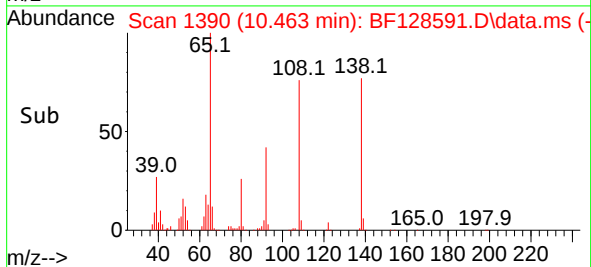
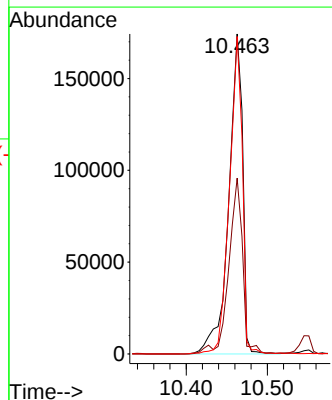
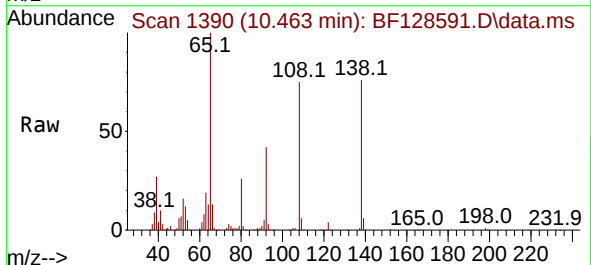
Instrument :
BNA_F
ClientSampleId :
PB145191BS

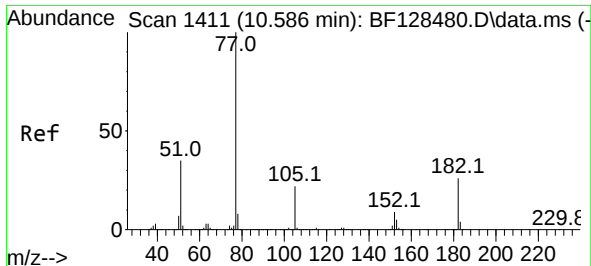
Tgt Ion:204 Resp: 430839
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 64.5 47.0 70.4



#62
4-Nitroaniline
Concen: 44.403 ng
RT: 10.463 min Scan# 1390
Delta R.T. 0.012 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion:138 Resp: 208515
Ion Ratio Lower Upper
138 100
92 55.0 33.5 73.5
108 99.2 61.0 101.0

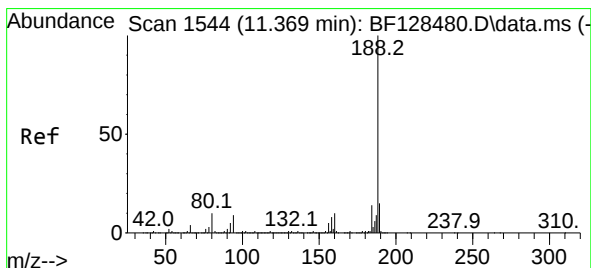
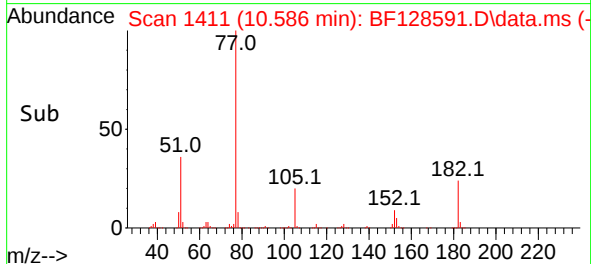
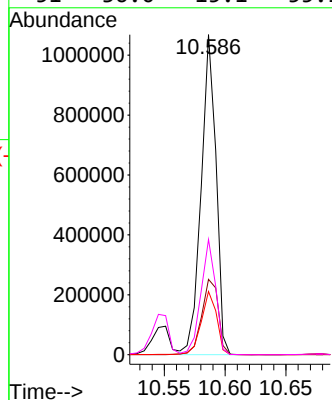
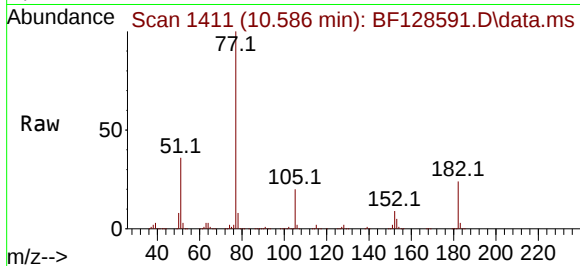




#63
Azobenzene
Concen: 39.495 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

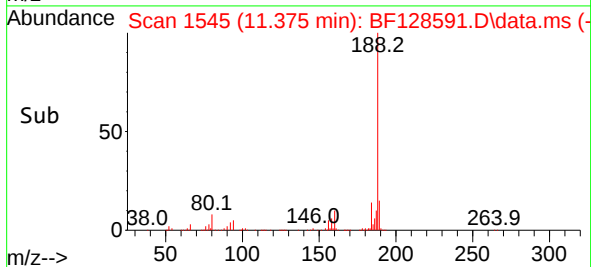
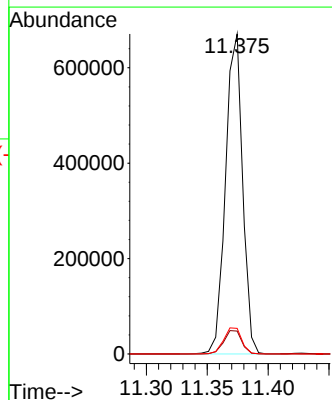
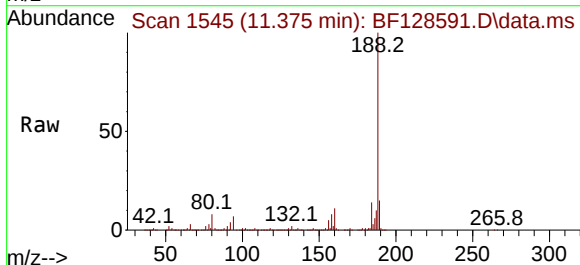
Instrument :
BNA_F
ClientSampleId :
PB145191BS

Tgt Ion: 77	Resp: 905121
Ion Ratio	Lower Upper
77 100	
182 23.5	5.6 45.6
105 19.8	1.6 41.6
51 36.0	15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. 0.006 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion:188	Resp: 653043		
Ion Ratio	Lower	Upper	
188 100			
94 7.2	7.0	10.6	
80 8.0	7.6	11.4	

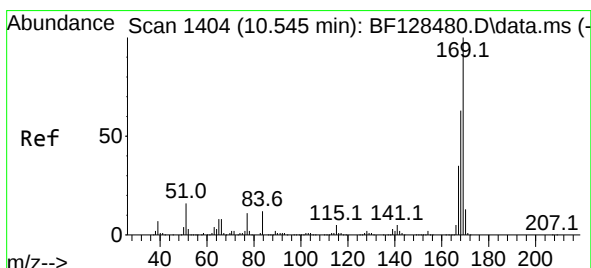
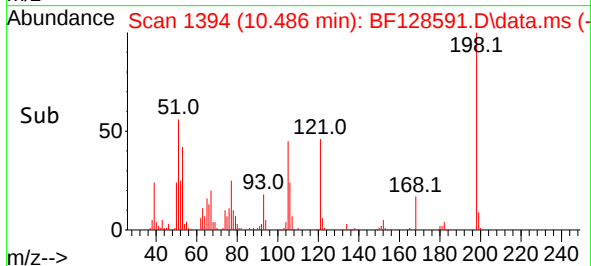
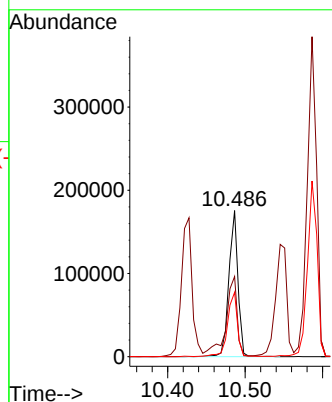
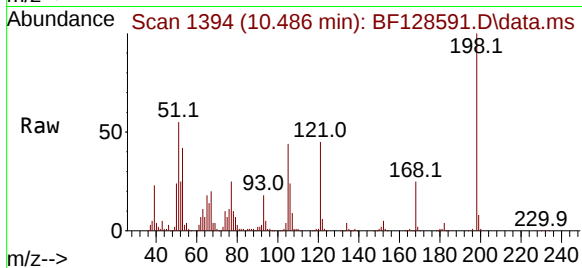




#65
4,6-Dinitro-2-methylphenol
Concen: 47.406 ng
RT: 10.486 min Scan# 11
Delta R.T. 0.011 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

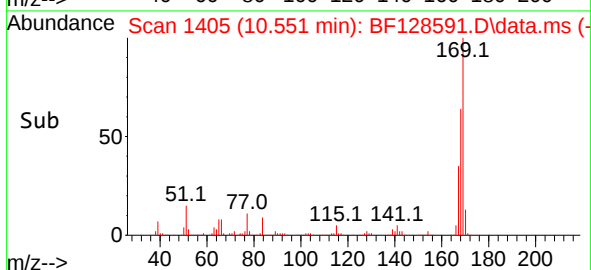
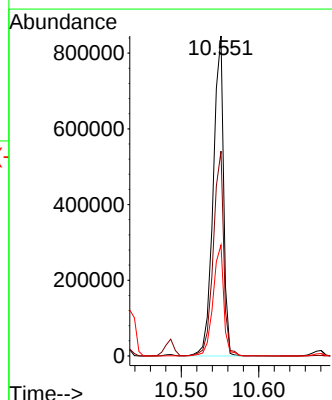
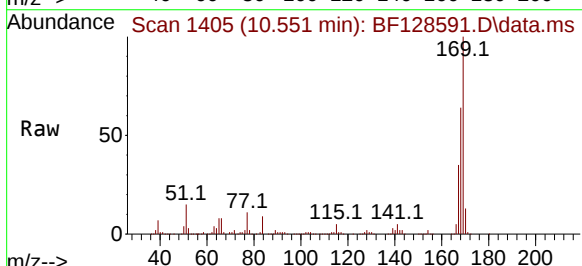
Instrument :
BNA_F
ClientSampleId :
PB145191BS

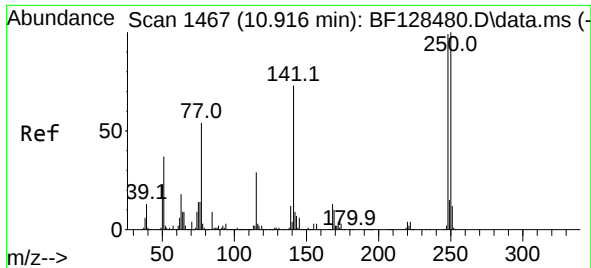
Tgt Ion:198 Resp: 142833
Ion Ratio Lower Upper
198 100
51 54.9 37.6 77.6
105 44.1 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 40.187 ng
RT: 10.551 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

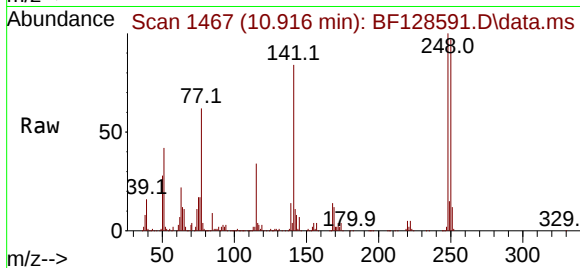
Tgt Ion:169 Resp: 785713
Ion Ratio Lower Upper
169 100
168 64.0 50.1 75.1
167 34.6 27.9 41.9



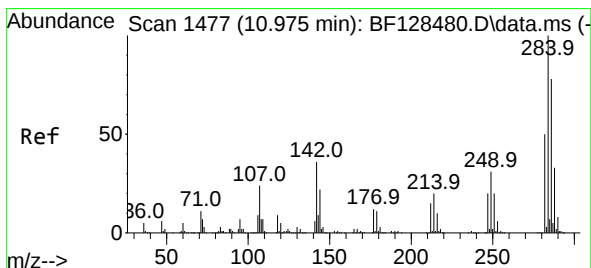
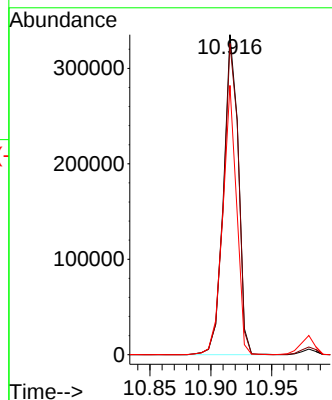
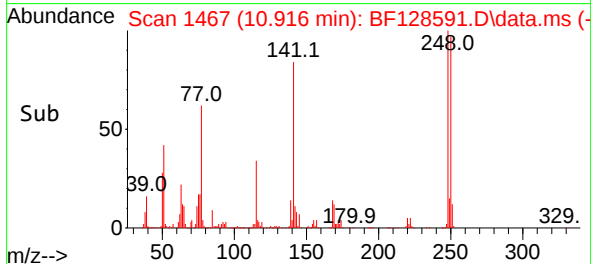


#67
4-Bromophenyl-phenylether
Concen: 42.191 ng
RT: 10.916 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

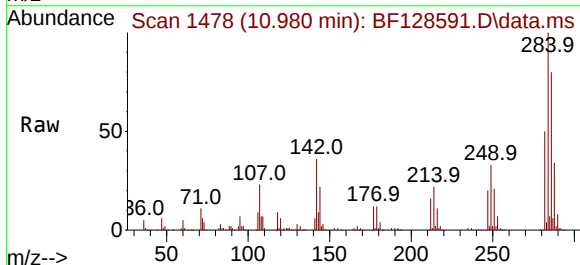
Instrument :
BNA_F
ClientSampleId :
PB145191BS



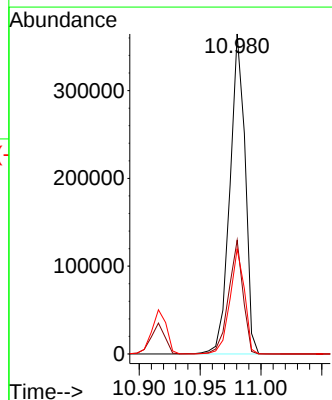
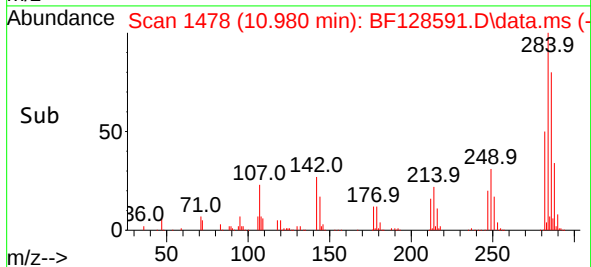
Tgt Ion:248	Resp:	284667
Ion	Ratio	Lower Upper
248	100	
250	97.2	80.6 120.8
141	84.1	58.9 88.3

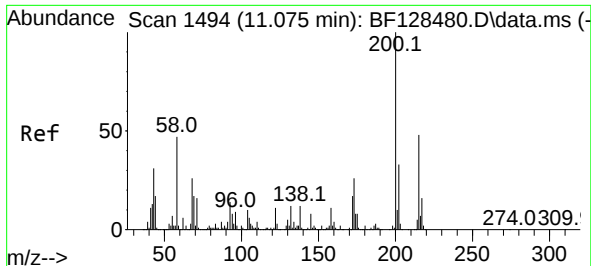


#68
Hexachlorobenzene
Concen: 42.448 ng
RT: 10.980 min Scan# 1478
Delta R.T. 0.006 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03



Tgt Ion:284	Resp:	316271
Ion	Ratio	Lower Upper
284	100	
142	35.6	29.0 43.4
249	32.8	25.0 37.6

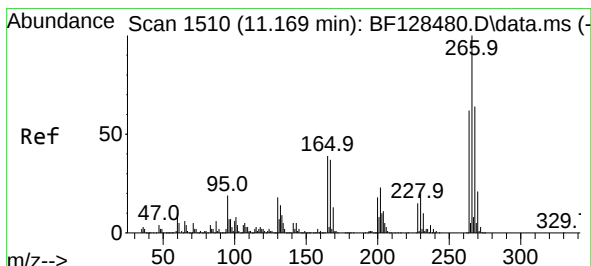
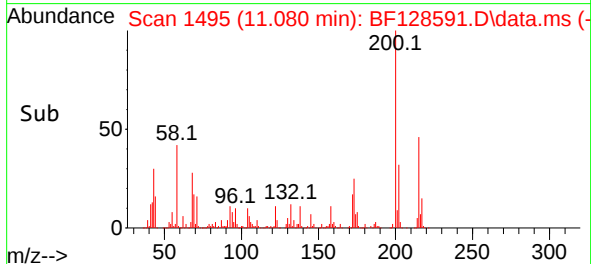
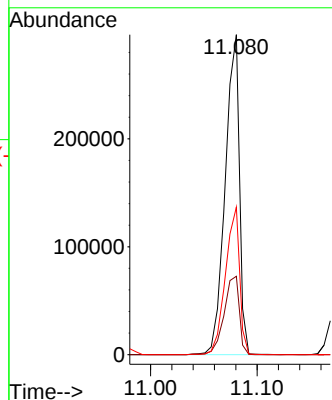
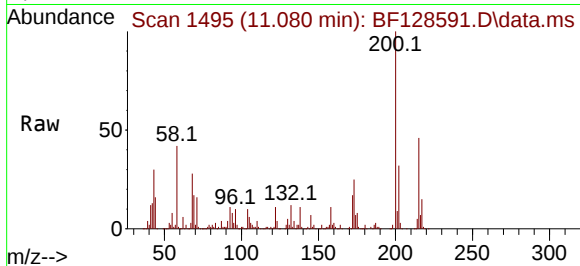




#69
 Atrazine
 Concen: 45.140 ng
 RT: 11.080 min Scan# 1494
 Delta R.T. 0.006 min
 Lab File: BF128591.D
 Acq: 31 May 2022 13:03

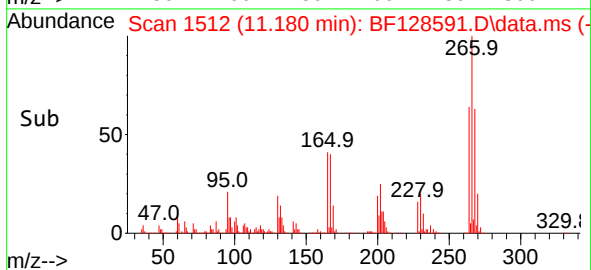
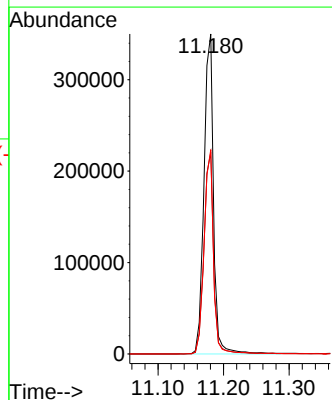
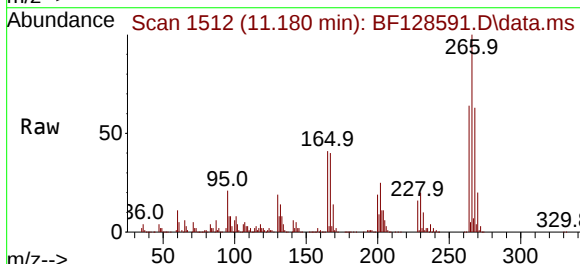
Instrument :
 BNA_F
 ClientSampleId :
 PB145191BS

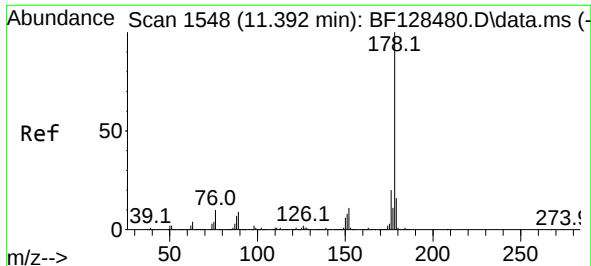
Tgt Ion:200 Resp: 273911
 Ion Ratio Lower Upper
 200 100
 173 24.5 6.3 46.3
 215 46.1 28.3 68.3



#70
 Pentachlorophenol
 Concen: 78.455 ng
 RT: 11.180 min Scan# 1512
 Delta R.T. 0.011 min
 Lab File: BF128591.D
 Acq: 31 May 2022 13:03

Tgt Ion:266 Resp: 356224
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.0 76.4
 264 63.9 49.4 74.2

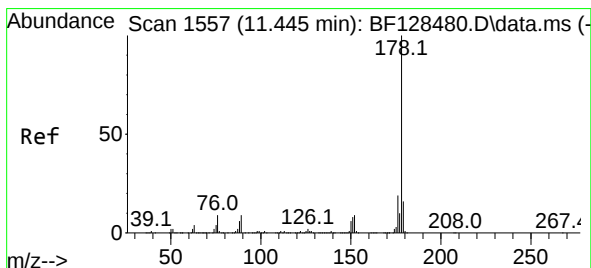
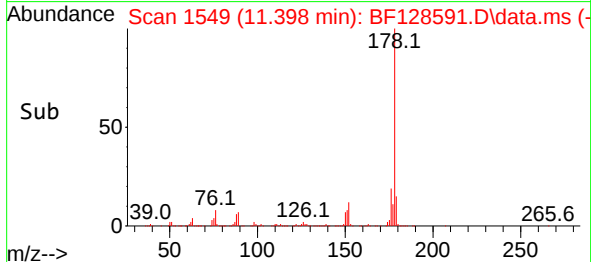
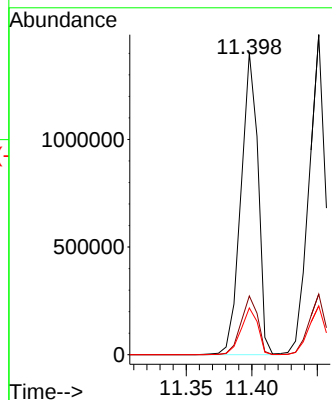
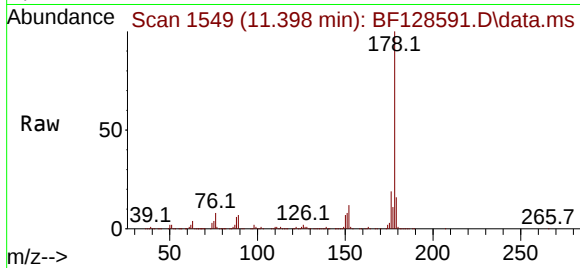




#71
Phenanthrene
Concen: 41.038 ng
RT: 11.398 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

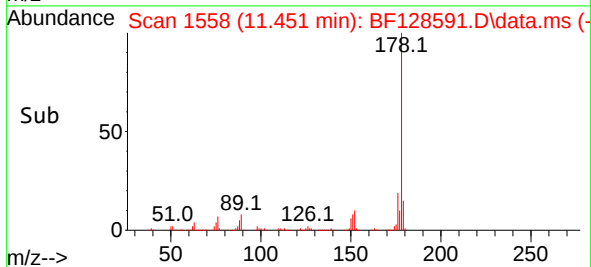
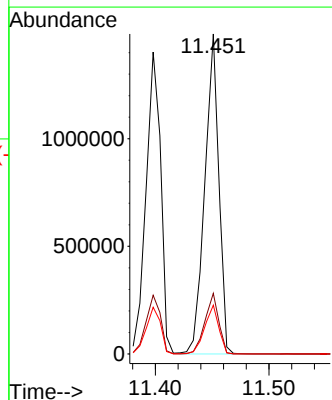
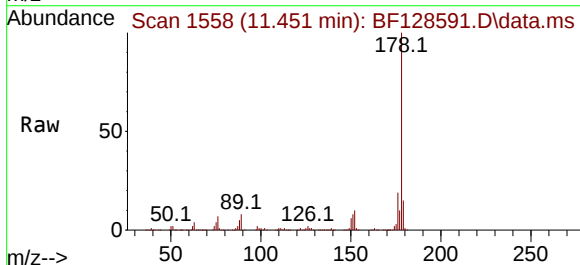
Instrument :
BNA_F
ClientSampleId :
PB145191BS

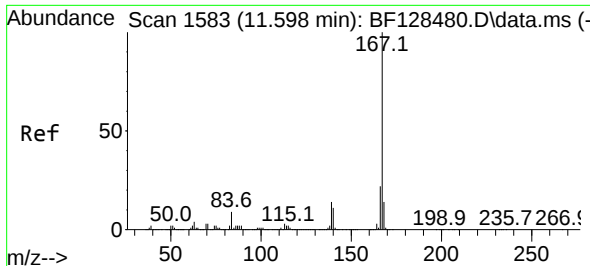
Tgt Ion:178 Resp: 1269532
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.5 12.6 19.0



#72
Anthracene
Concen: 41.235 ng
RT: 11.451 min Scan# 1558
Delta R.T. 0.006 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion:178 Resp: 1274201
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.2 12.6 19.0

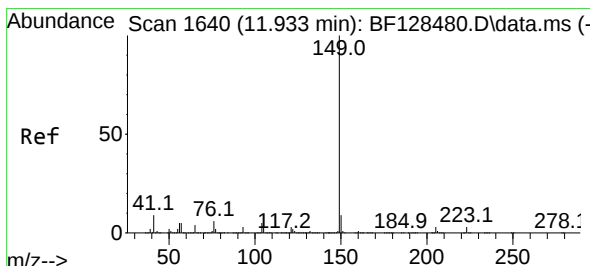
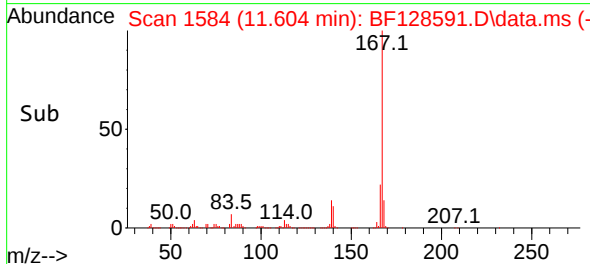
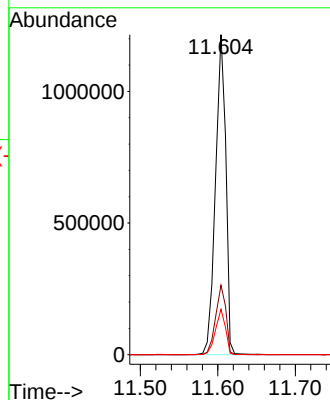
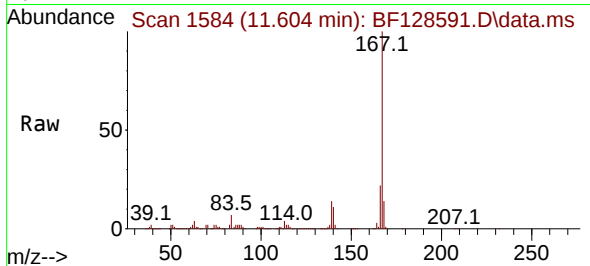




#73
 Carbazole
 Concen: 38.035 ng
 RT: 11.604 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF128591.D
 Acq: 31 May 2022 13:03

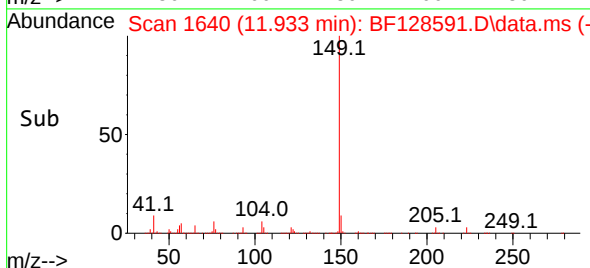
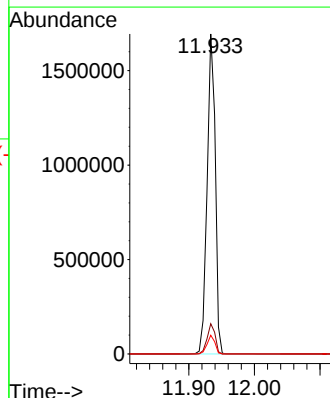
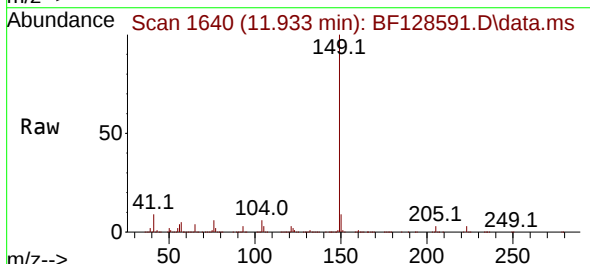
Instrument :
 BNA_F
 ClientSampleId :
 PB145191BS

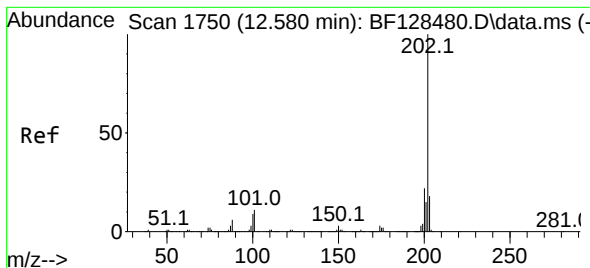
Tgt Ion:167 Resp: 1126374
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 14.2 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 42.132 ng
 RT: 11.933 min Scan# 1640
 Delta R.T. -0.000 min
 Lab File: BF128591.D
 Acq: 31 May 2022 13:03

Tgt Ion:149 Resp: 1468501
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.9 4.4 6.6





#75

Fluoranthene

Concen: 40.506 ng

RT: 12.586 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF128591.D

Acq: 31 May 2022 13:03

Instrument :

BNA_F

ClientSampleId :

PB145191BS

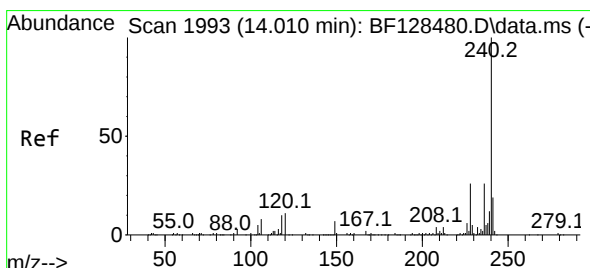
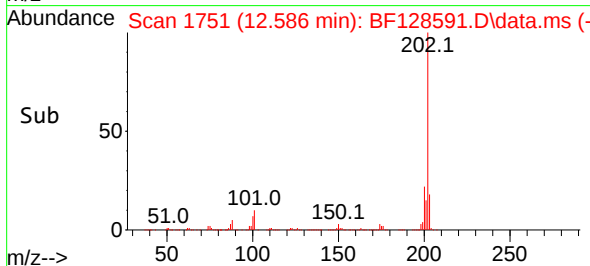
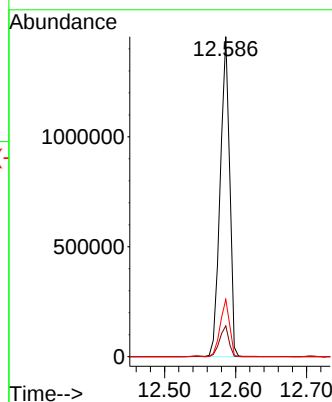
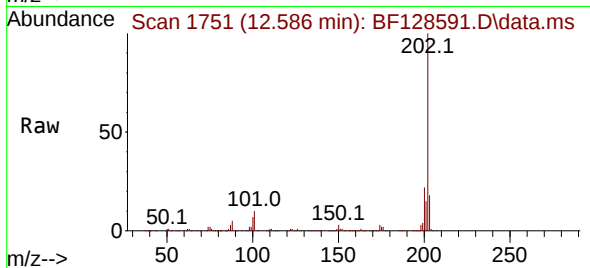
Tgt Ion:202 Resp: 1339685

Ion Ratio Lower Upper

202 100

101 9.7 0.0 31.4

203 17.9 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 1994

Delta R.T. 0.006 min

Lab File: BF128591.D

Acq: 31 May 2022 13:03

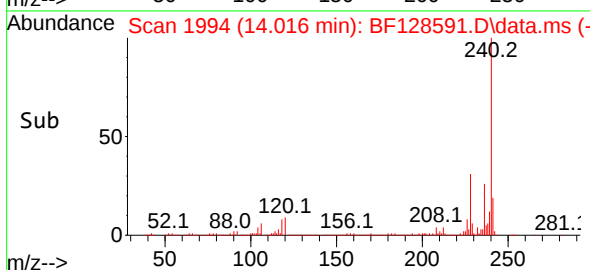
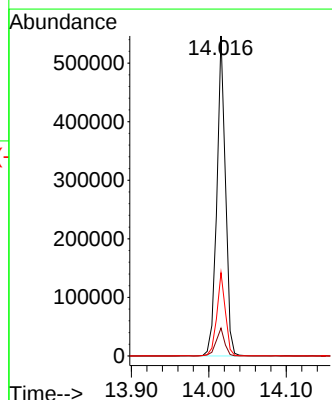
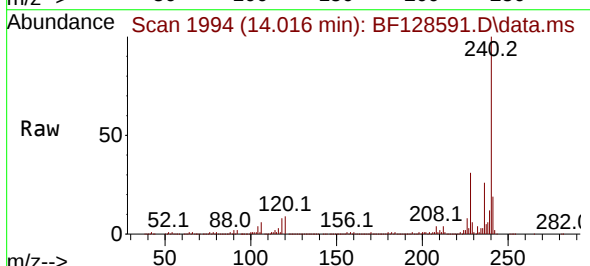
Tgt Ion:240 Resp: 422398

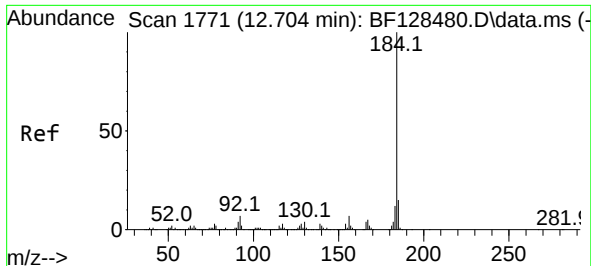
Ion Ratio Lower Upper

240 100

120 8.7 8.9 13.3#

236 26.1 20.8 31.2

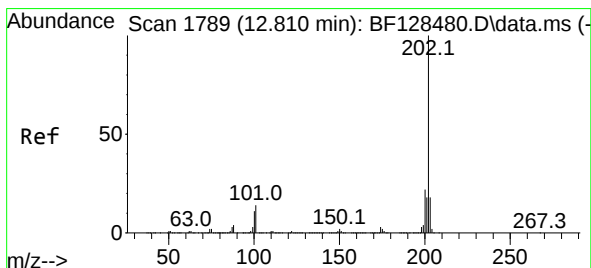
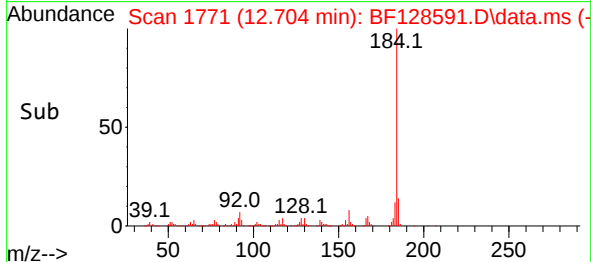
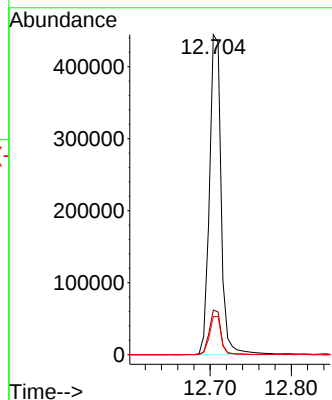
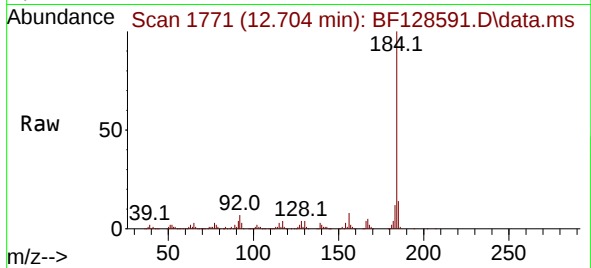




#77
Benzidine
Concen: 45.308 ng
RT: 12.704 min Scan# 1771
Delta R.T. 0.000 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

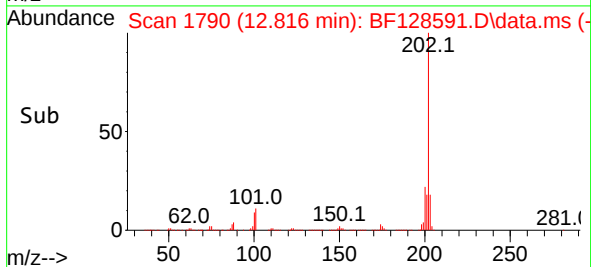
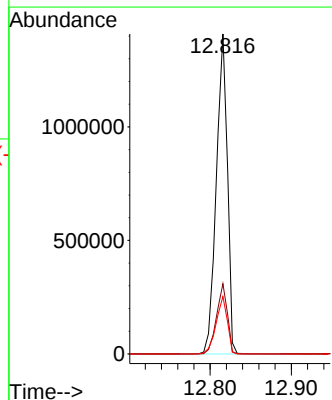
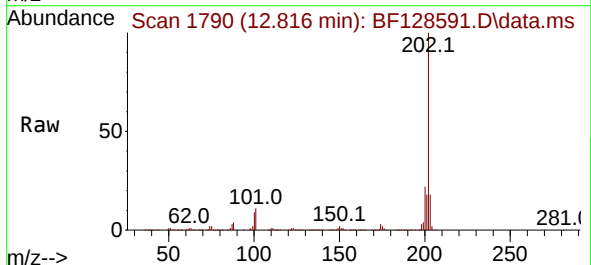
Instrument :
BNA_F
ClientSampleId :
PB145191BS

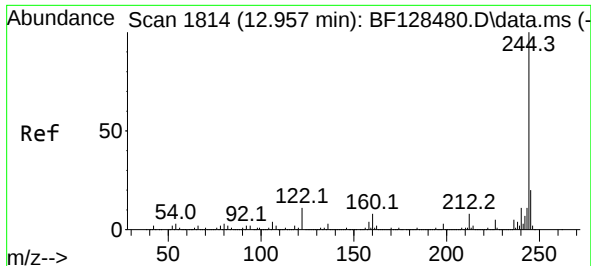
Tgt Ion:184 Resp: 441427
Ion Ratio Lower Upper
184 100
185 13.9 11.9 17.9
183 11.9 9.3 13.9



#78
Pyrene
Concen: 41.863 ng
RT: 12.816 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

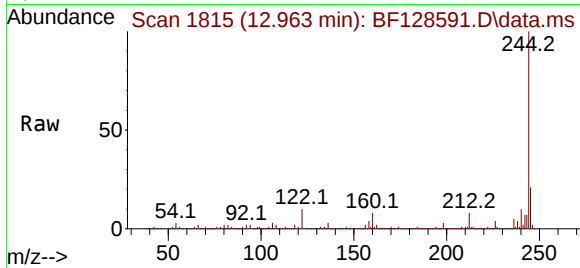
Tgt Ion:202 Resp: 1332143
Ion Ratio Lower Upper
202 100
200 21.9 17.7 26.5
203 17.9 14.6 21.8



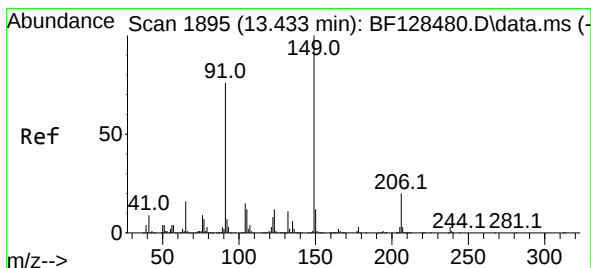
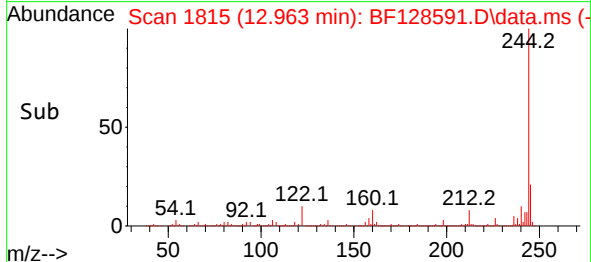
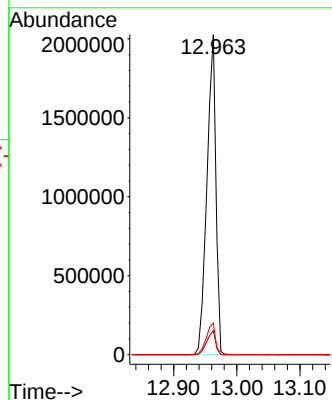


#79
 Terphenyl-d14
 Concen: 91.365 ng
 RT: 12.963 min Scan# 1815
 Delta R.T. 0.006 min
 Lab File: BF128591.D
 Acq: 31 May 2022 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB145191BS

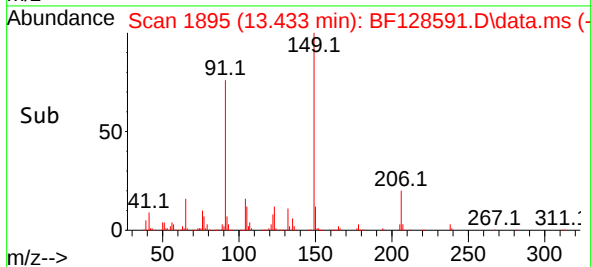
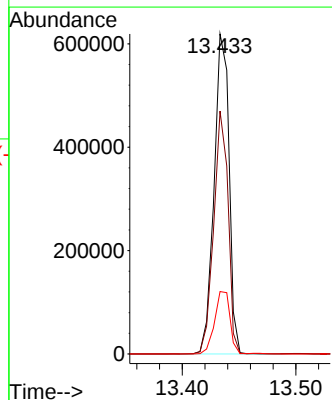
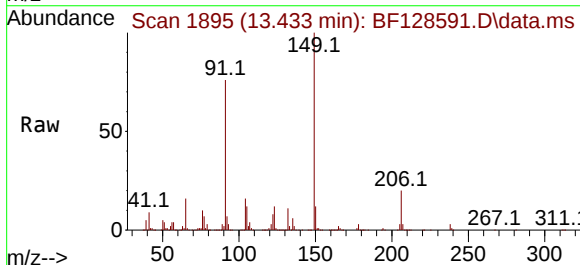


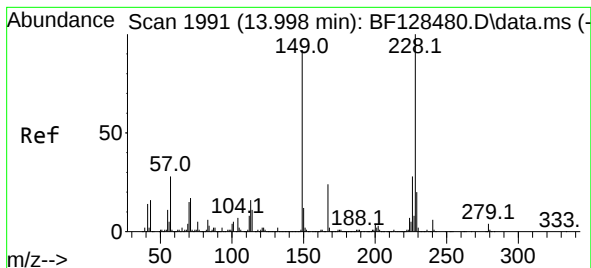
Tgt Ion:244 Resp: 1997567
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 9.9 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 42.228 ng
 RT: 13.433 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: BF128591.D
 Acq: 31 May 2022 13:03

Tgt Ion:149 Resp: 566791
 Ion Ratio Lower Upper
 149 100
 91 75.9 61.2 91.8
 206 19.5 15.7 23.5





#81

Benzo(a)anthracene

Concen: 41.459 ng

RT: 14.004 min Scan# 1992

Delta R.T. 0.006 min

Lab File: BF128591.D

Acq: 31 May 2022 13:03

Instrument :

BNA_F

ClientSampleId :

PB145191BS

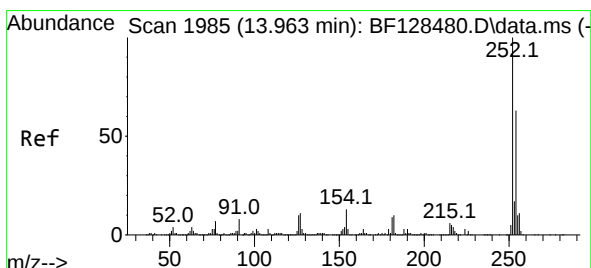
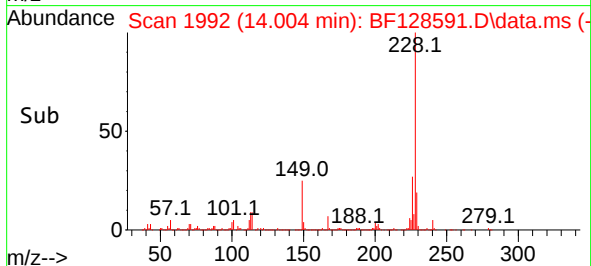
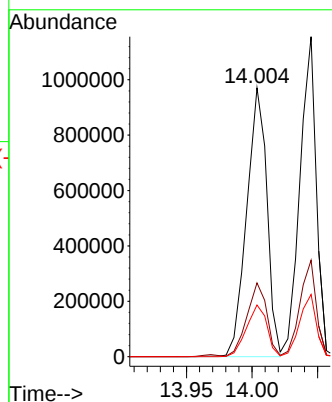
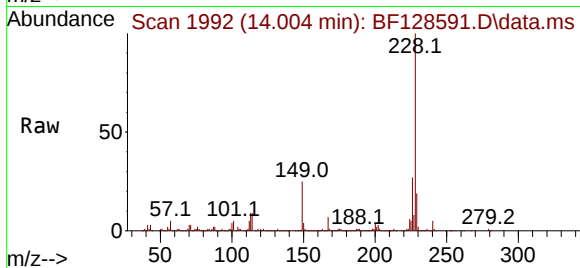
Tgt Ion:228 Resp: 1040871

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 19.3 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 51.316 ng

RT: 13.969 min Scan# 1986

Delta R.T. 0.006 min

Lab File: BF128591.D

Acq: 31 May 2022 13:03

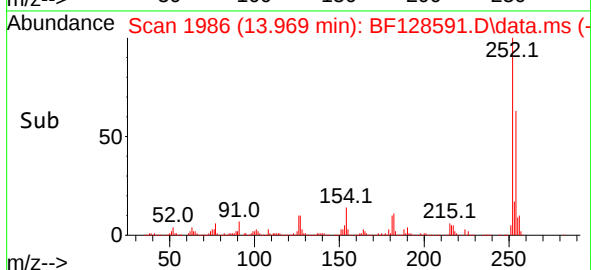
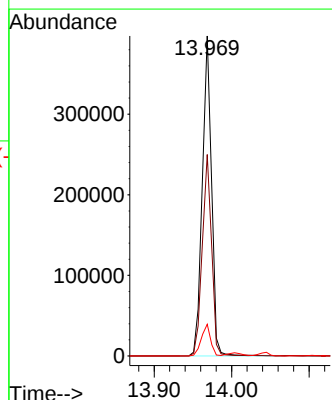
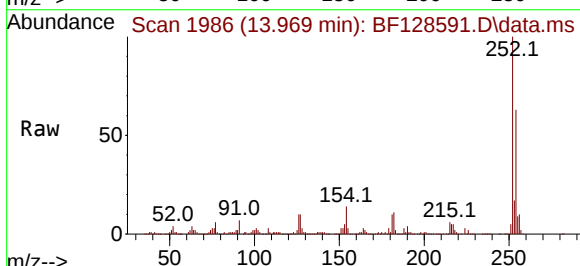
Tgt Ion:252 Resp: 329900

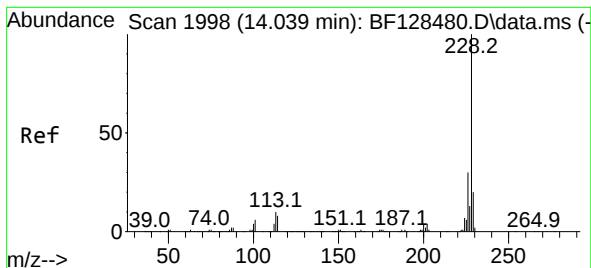
Ion Ratio Lower Upper

252 100

254 62.9 50.2 75.4

126 9.9 8.2 12.4





#83

Chrysene

Concen: 39.122 ng

RT: 14.045 min Scan# 1999

Delta R.T. 0.006 min

Lab File: BF128591.D

Acq: 31 May 2022 13:03

Instrument :

BNA_F

ClientSampleId :

PB145191BS

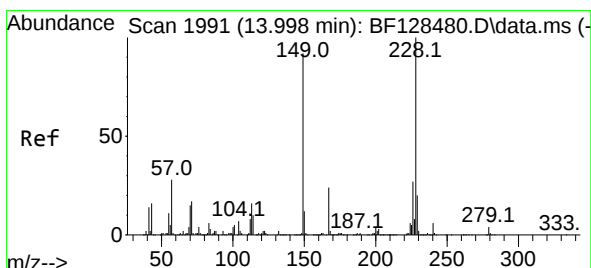
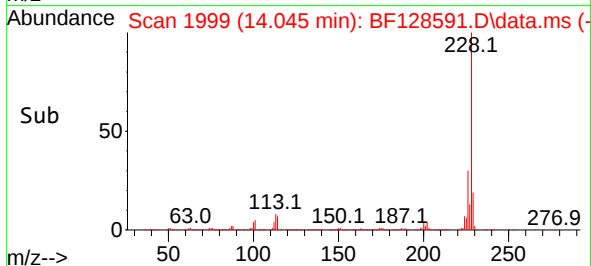
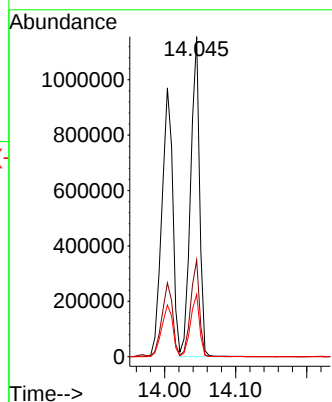
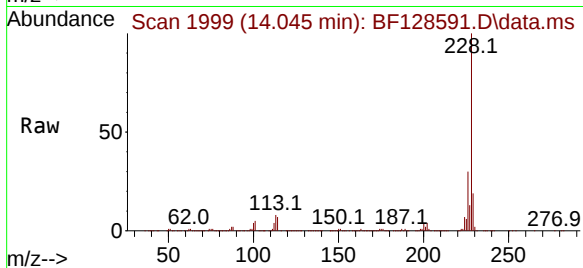
Tgt Ion:228 Resp: 1005880

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

229 19.4 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.786 ng

RT: 13.998 min Scan# 1991

Delta R.T. 0.000 min

Lab File: BF128591.D

Acq: 31 May 2022 13:03

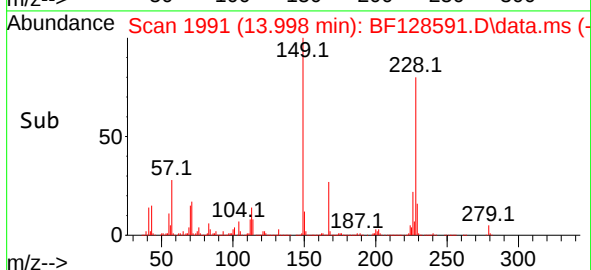
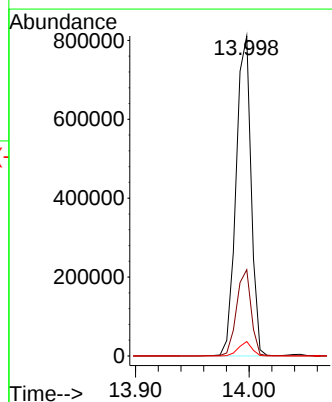
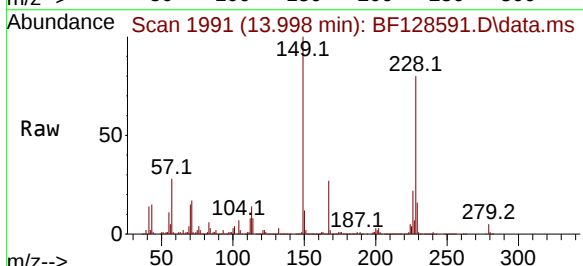
Tgt Ion:149 Resp: 743291

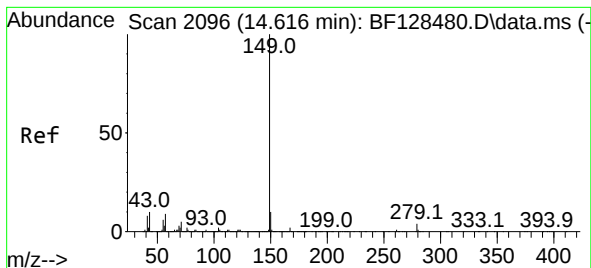
Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.4

279 4.5 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 40.046 ng

RT: 14.610 min Scan# 2096

Delta R.T. -0.006 min

Lab File: BF128591.D

Acq: 31 May 2022 13:03

Instrument :

BNA_F

ClientSampleId :

PB145191BS

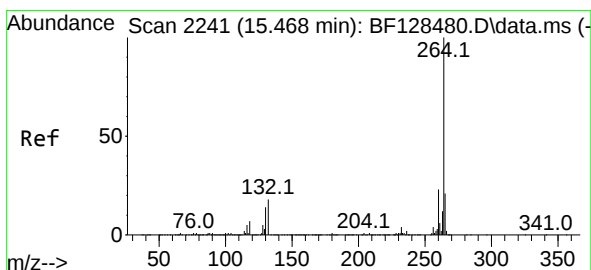
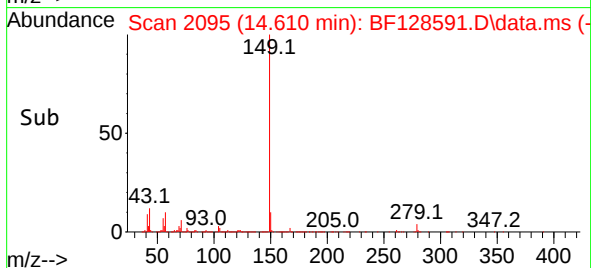
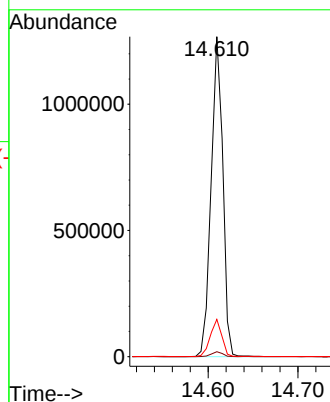
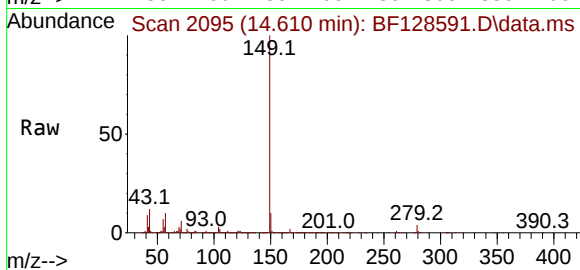
Tgt Ion:149 Resp: 1144355

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.5 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2243

Delta R.T. 0.012 min

Lab File: BF128591.D

Acq: 31 May 2022 13:03

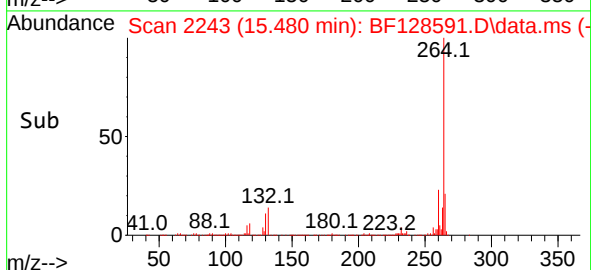
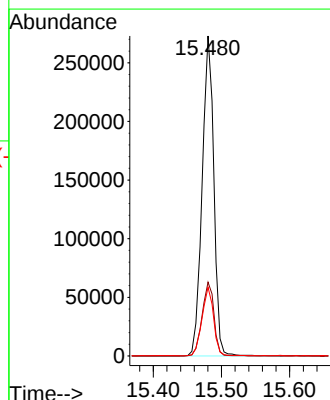
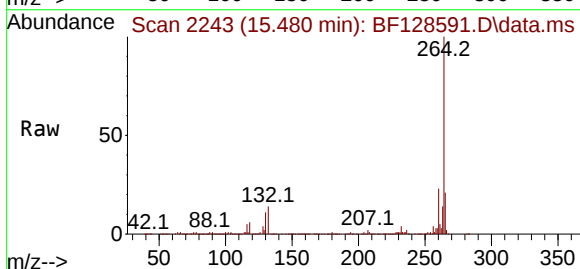
Tgt Ion:264 Resp: 324170

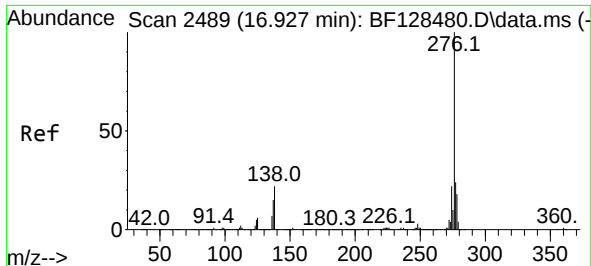
Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 21.4 17.2 25.8

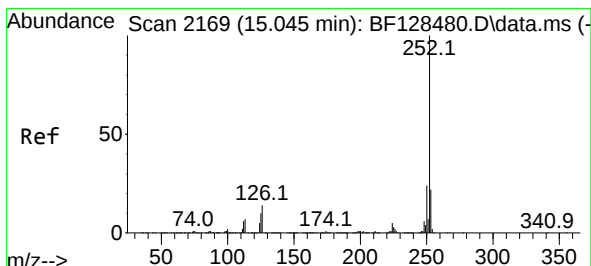
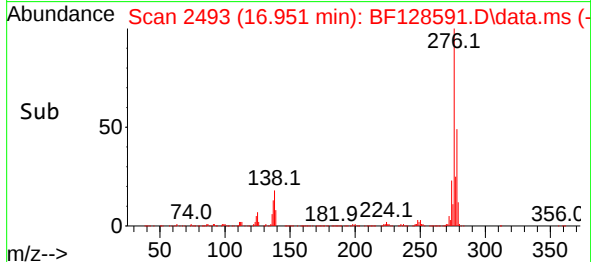
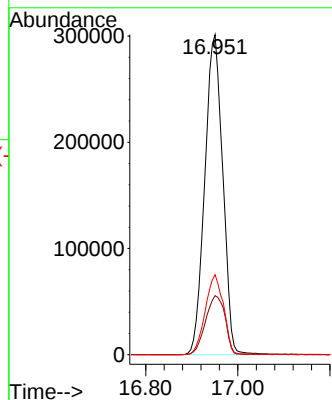
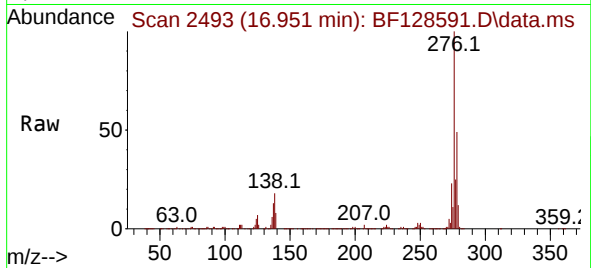




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.847 ng
 RT: 16.951 min Scan# 2489
 Delta R.T. 0.024 min
 Lab File: BF128591.D
 Acq: 31 May 2022 13:03

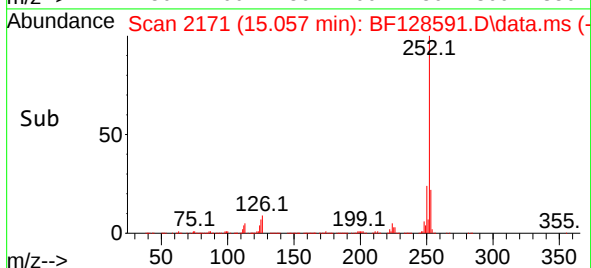
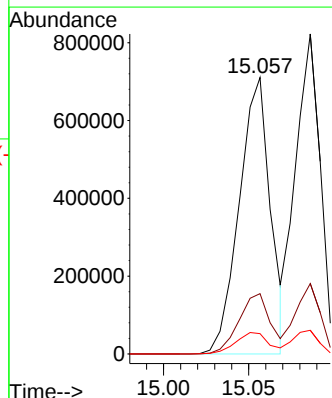
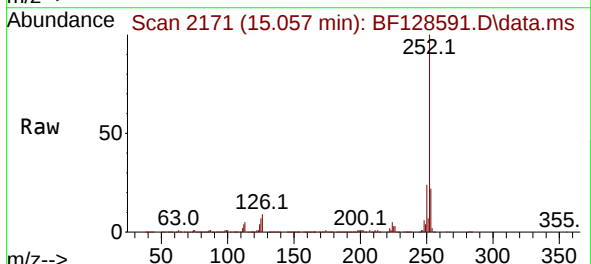
Instrument :
 BNA_F
 ClientSampleId :
 PB145191BS

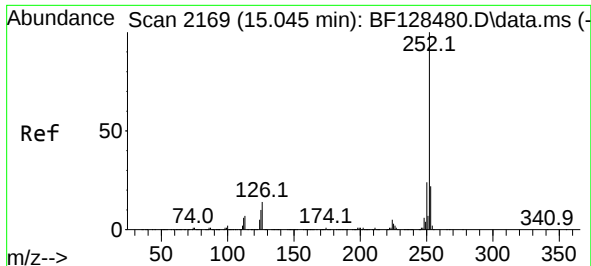
Tgt Ion:276 Resp: 819229
 Ion Ratio Lower Upper
 276 100
 138 20.0 21.1 31.7#
 277 25.5 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 44.878 ng
 RT: 15.057 min Scan# 2171
 Delta R.T. 0.012 min
 Lab File: BF128591.D
 Acq: 31 May 2022 13:03

Tgt Ion:252 Resp: 904993
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.7 26.5
 125 7.4 8.0 12.0#

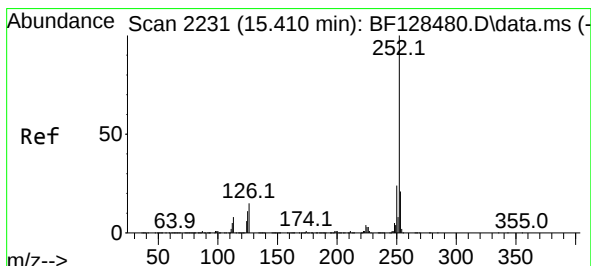
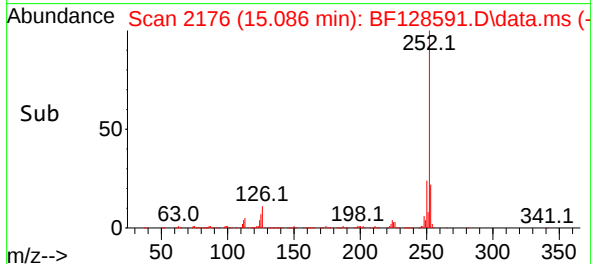
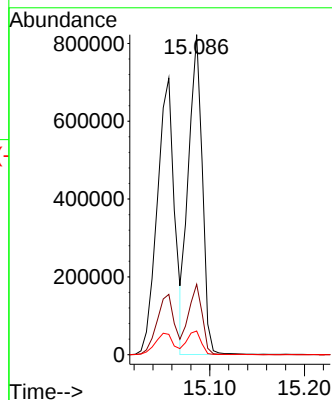
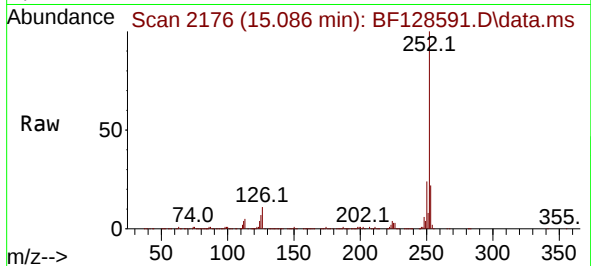




#89
Benzo(k)fluoranthene
Concen: 44.701 ng
RT: 15.086 min Scan# 2169
Delta R.T. 0.012 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

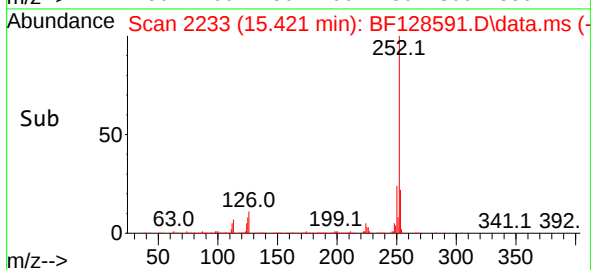
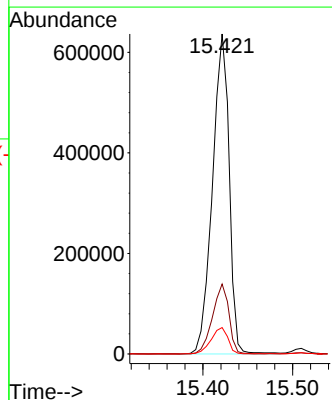
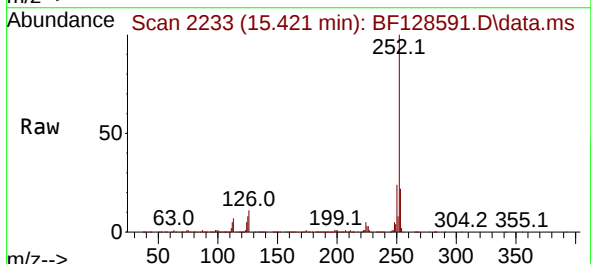
Instrument :
BNA_F
ClientSampleId :
PB145191BS

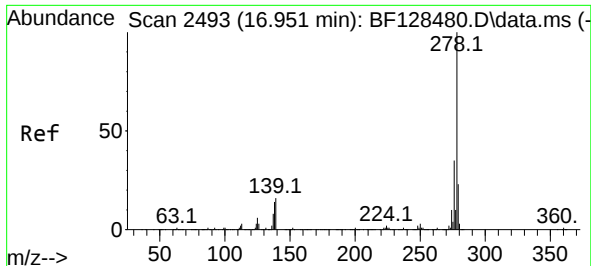
Tgt Ion:252 Resp: 835180
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 7.4 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 50.918 ng
RT: 15.421 min Scan# 2233
Delta R.T. 0.012 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion:252 Resp: 823805
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 8.3 8.8 13.2#

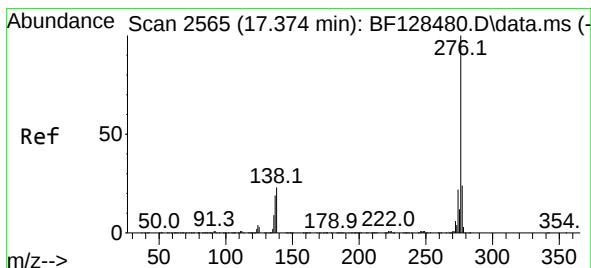
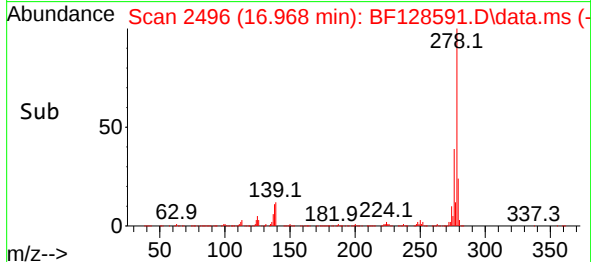
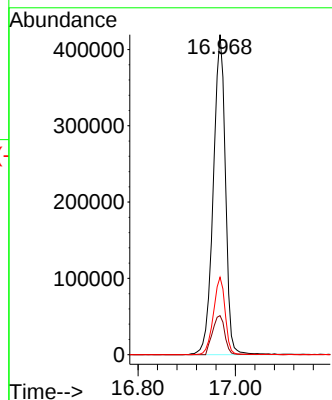
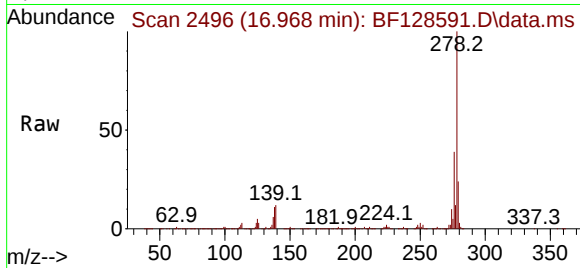




#91
Dibenzo(a,h)anthracene
Concen: 45.685 ng
RT: 16.968 min Scan# 2493
Delta R.T. 0.018 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Instrument :
BNA_F
ClientSampleId :
PB145191BS

Tgt Ion:278 Resp: 724245
Ion Ratio Lower Upper
278 100
139 12.2 12.8 19.2#
279 24.2 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 45.043 ng
RT: 17.392 min Scan# 2568
Delta R.T. 0.018 min
Lab File: BF128591.D
Acq: 31 May 2022 13:03

Tgt Ion:276 Resp: 708260
Ion Ratio Lower Upper
276 100
277 23.0 19.1 28.7
138 17.0 18.0 27.0#

