

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071822\
 Data File : BF129268.D
 Acq On : 18 Jul 2022 15:23
 Operator : CG\JU
 Sample : PB146273BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146273BS

Quant Time: Jul 19 02:08:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	341972	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1386159	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	720703	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	1152665	20.000	ng	# 0.01
76) Chrysene-d12	14.086	240	756346	20.000	ng	# 0.01
86) Perylene-d12	15.580	264	612426	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2285283	106.726	ng	0.02
7) Phenol-d6	6.539	99	3005337	108.519	ng	0.01
23) Nitrobenzene-d5	7.475	82	1921597	74.103	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	766305	114.556	ng	0.01
45) 2-Fluorobiphenyl	9.263	172	3169129	74.499	ng	0.00
79) Terphenyl-d14	13.027	244	3058968	75.658	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.828	88	300986	30.854	ng	90
3) Pyridine	3.604	79	853713	34.030	ng	90
4) n-Nitrosodimethylamine	3.551	42	478664	40.393	ng	90
6) Aniline	6.569	93	1221038	37.528	ng	100
8) 2-Chlorophenol	6.692	128	1005474	44.595	ng	97
9) Benzaldehyde	6.457	77	540267	31.789	ng	98
10) Phenol	6.551	94	1212177	43.574	ng	98
11) bis(2-Chloroethyl)ether	6.639	93	962475	42.659	ng	95
12) 1,3-Dichlorobenzene	6.845	146	972357	40.553	ng	98
13) 1,4-Dichlorobenzene	6.922	146	991532	40.885	ng	100
14) 1,2-Dichlorobenzene	7.075	146	958974	42.424	ng	99
15) Benzyl Alcohol	7.051	79	863934	46.841	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1465808	40.773	ng	93
17) 2-Methylphenol	7.157	107	784302	41.382	ng	98
18) Hexachloroethane	7.416	117	383751	42.350	ng	91
19) n-Nitroso-di-n-propyla...	7.322	70	665138	40.833	ng	93
20) 3+4-Methylphenols	7.310	107	926957	39.794	ng	91
22) Acetophenone	7.316	105	1266246	39.584	ng	# 95
24) Nitrobenzene	7.492	77	1029687	41.742	ng	92
25) Isophorone	7.728	82	1943280	44.589	ng	99
26) 2-Nitrophenol	7.804	139	540398	43.612	ng	94
27) 2,4-Dimethylphenol	7.839	122	921786	47.841	ng	98
28) bis(2-Chloroethoxy)met...	7.933	93	1200653	41.358	ng	99
29) 2,4-Dichlorophenol	8.045	162	809614	42.267	ng	100
30) 1,2,4-Trichlorobenzene	8.128	180	791498	39.822	ng	97
31) Naphthalene	8.210	128	2678363	40.782	ng	99
32) Benzoic acid	7.975	122	643690	43.015	ng	94
33) 4-Chloroaniline	8.257	127	831179	30.519	ng	97
34) Hexachlorobutadiene	8.322	225	460209	41.157	ng	98
36) 4-Chloro-3-methylphenol	8.745	107	877466	41.992	ng	95
37) 2-Methylnaphthalene	8.904	142	1778642	41.552	ng	99
38) 1-Methylnaphthalene	9.004	142	1666030	40.246	ng	98
40) 1,2,4,5-Tetrachloroben...	9.069	216	733172	40.917	ng	# 97
41) Hexachlorocyclopentadiene	9.051	237	900704	99.890	ng	100
43) 2,4,6-Trichlorophenol	9.180	196	561373	42.546	ng	98
44) 2,4,5-Trichlorophenol	9.222	196	577871	41.404	ng	# 92

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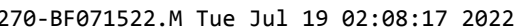
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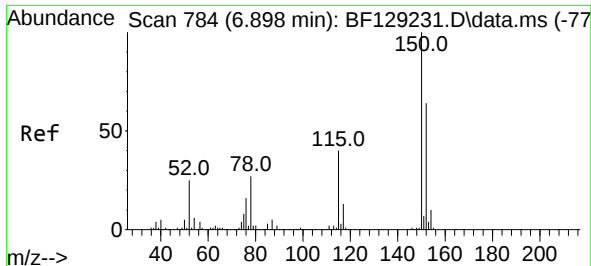
Quant Time: Jul 19 02:08:14 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.369	154	2068327	40.575	ng	100
47) 2-Chloronaphthalene	9.392	162	1649475	41.082	ng	99
48) 2-Nitroaniline	9.492	65	567505	42.070	ng	92
49) Acenaphthylene	9.810	152	2513368	41.590	ng	99
50) Dimethylphthalate	9.669	163	1956695	41.838	ng	99
51) 2,6-Dinitrotoluene	9.733	165	444132	43.886	ng	91
52) Acenaphthene	9.986	154	1504469	38.086	ng	99
53) 3-Nitroaniline	9.904	138	373361	30.895	ng	# 94
54) 2,4-Dinitrophenol	10.016	184	478457	88.212	ng	95
55) Dibenzofuran	10.157	168	2211641	39.441	ng	96
56) 4-Nitrophenol	10.075	139	759602	79.414	ng	99
57) 2,4-Dinitrotoluene	10.139	165	583131	43.941	ng	98
58) Fluorene	10.498	166	1724661	40.438	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.275	232	444592	41.237	ng	91
60) Diethylphthalate	10.369	149	1849269	40.888	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	789027	39.936	ng	90
62) 4-Nitroaniline	10.527	138	484567	40.501	ng	93
63) Azobenzene	10.651	77	1896092	39.274	ng	96
65) 4,6-Dinitro-2-methylph...	10.551	198	296201	40.671	ng	96
66) n-Nitrosodiphenylamine	10.610	169	1551753	42.194	ng	96
67) 4-Bromophenyl-phenylether	10.980	248	514907	42.436	ng	98
68) Hexachlorobenzene	11.045	284	554902	43.568	ng	93
69) Atrazine	11.139	200	511150	50.135	ng	98
70) Pentachlorophenol	11.245	266	610572	80.617	ng	99
71) Phenanthrene	11.469	178	2391128	40.859	ng	100
72) Anthracene	11.516	178	2426067	41.733	ng	99
73) Carbazole	11.674	167	2294631	39.572	ng	99
74) Di-n-butylphthalate	11.992	149	2702745	40.559	ng	99
75) Fluoranthene	12.657	202	2403008	41.229	ng	97
77) Benzidine	12.774	184	1217753	57.519	ng	99
78) Pyrene	12.886	202	2437359	39.787	ng	99
80) Butylbenzylphthalate	13.492	149	1166602	42.754	ng	99
81) Benzo(a)anthracene	14.074	228	2051038	42.992	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	572917	48.006	ng	# 98
83) Chrysene	14.115	228	1854899	40.733	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	1581317	43.553	ng	100
85) Di-n-octyl phthalate	14.662	149	2450676	47.060	ng	99
87) Indeno(1,2,3-cd)pyrene	17.103	276	1509689	39.533	ng	98
88) Benzo(b)fluoranthene	15.139	252	1869106	49.679	ng	98
89) Benzo(k)fluoranthene	15.174	252	1555868	42.327	ng	100
90) Benzo(a)pyrene	15.515	252	1456006	47.537	ng	# 97
91) Dibenzo(a,h)anthracene	17.121	278	1296436	41.970	ng	97
92) Benzo(g,h,i)perylene	17.568	276	1313302	41.592	ng	98

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

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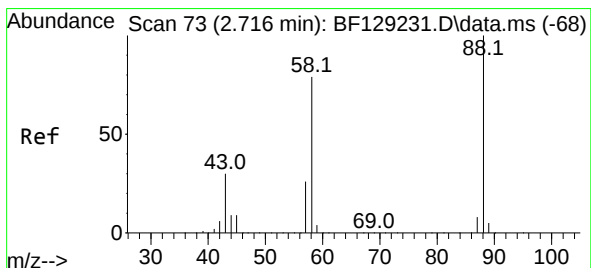
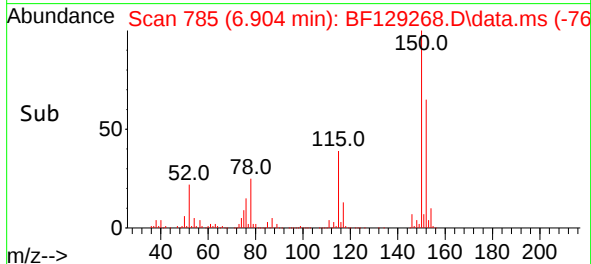
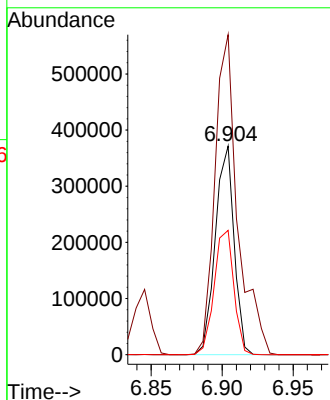
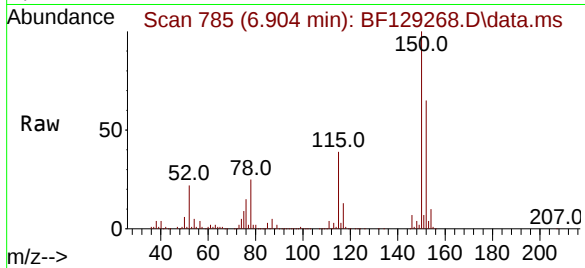




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: BF129268.D
 Acq: 18 Jul 2022 15:23

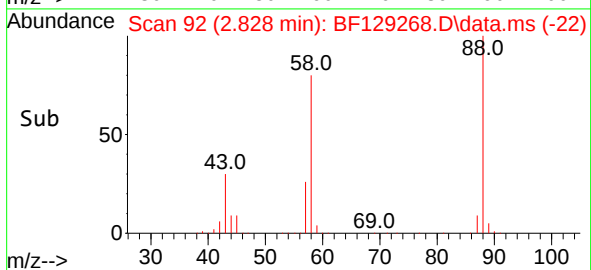
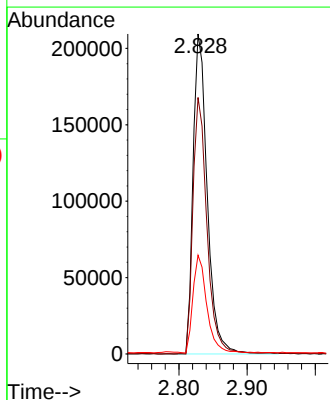
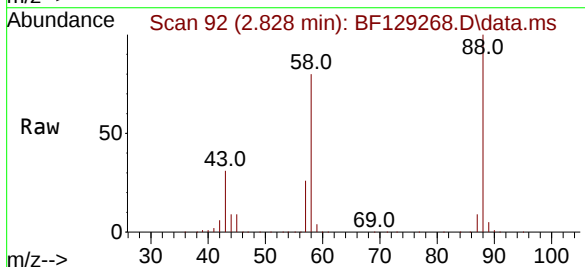
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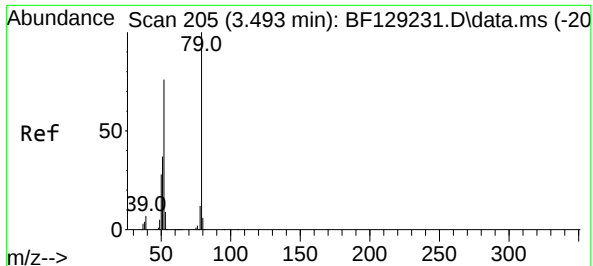
Tgt Ion:152 Resp: 341972
 Ion Ratio Lower Upper
 152 100
 150 153.4 123.7 185.5
 115 59.6 49.9 74.9



#2
 1,4-Dioxane
 Concen: 30.854 ng
 RT: 2.828 min Scan# 92
 Delta R.T. 0.112 min
 Lab File: BF129268.D
 Acq: 18 Jul 2022 15:23

Tgt Ion: 88 Resp: 300986
 Ion Ratio Lower Upper
 88 100
 58 79.1 71.8 107.8
 43 29.5 26.6 39.8

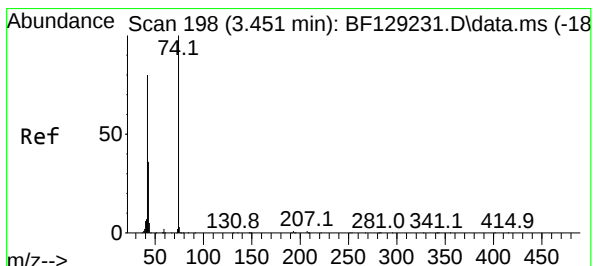
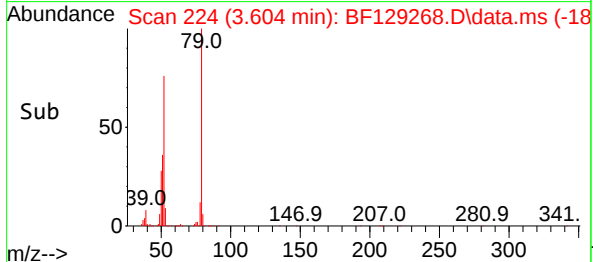
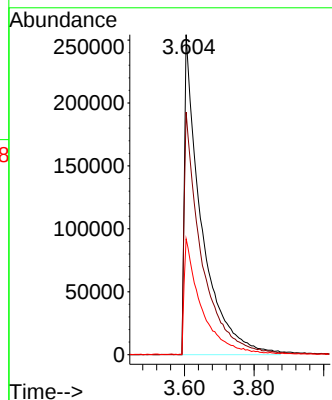
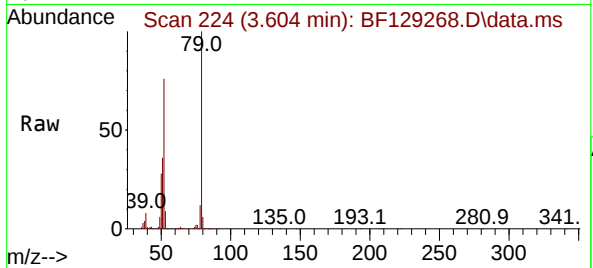




#3
Pyridine
Concen: 34.030 ng
RT: 3.604 min Scan# 215
Delta R.T. 0.112 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

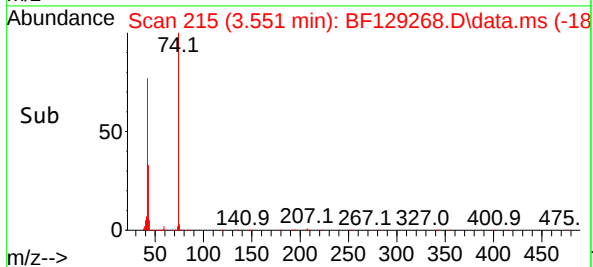
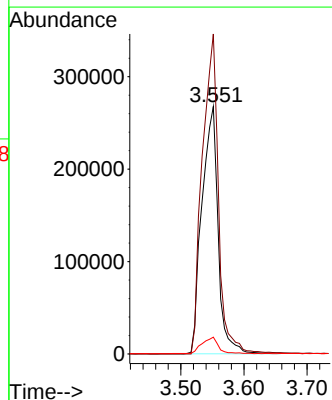
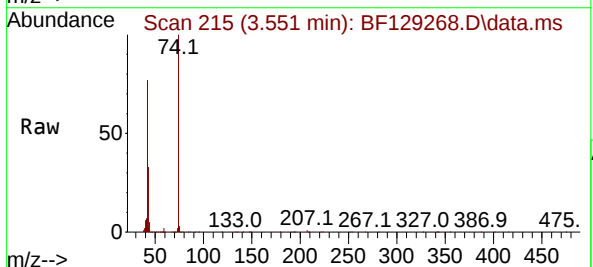
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ClientSampleId :
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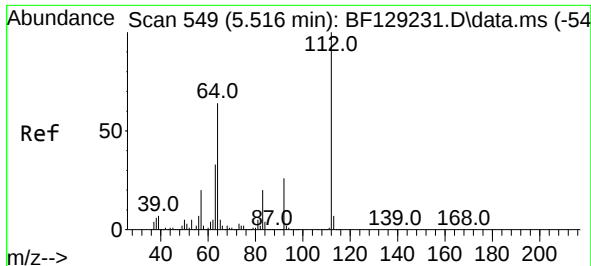
Tgt Ion: 79 Resp: 853713
Ion Ratio Lower Upper
79 100
52 75.8 68.6 102.8
51 36.2 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 40.393 ng
RT: 3.551 min Scan# 215
Delta R.T. 0.100 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Tgt Ion: 42 Resp: 478664
Ion Ratio Lower Upper
42 100
74 129.4 94.8 142.2
44 6.8 6.6 10.0

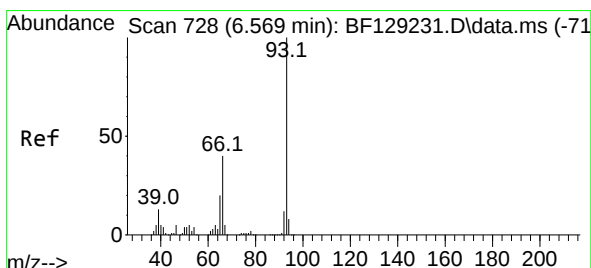
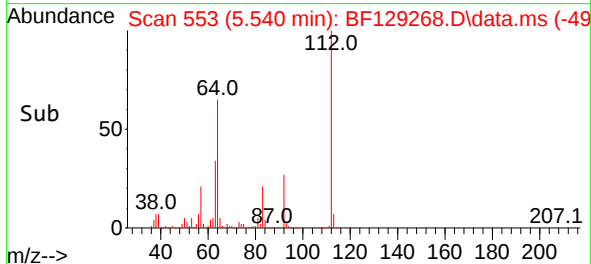
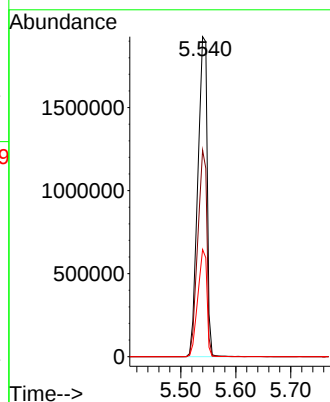
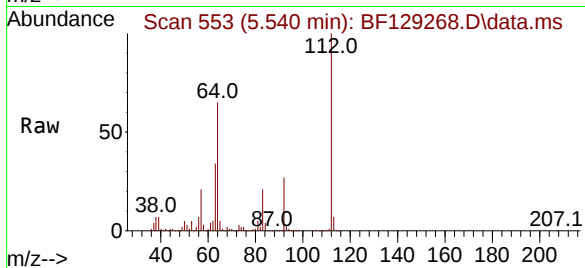




#5
2-Fluorophenol
Concen: 106.726 ng
RT: 5.540 min Scan# 511
Delta R.T. 0.023 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

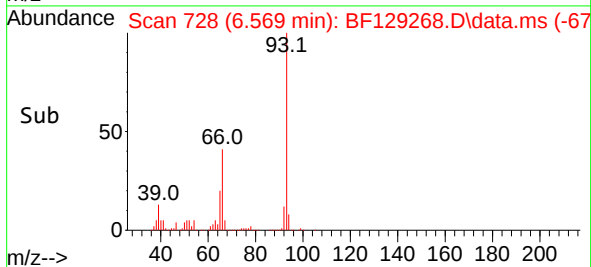
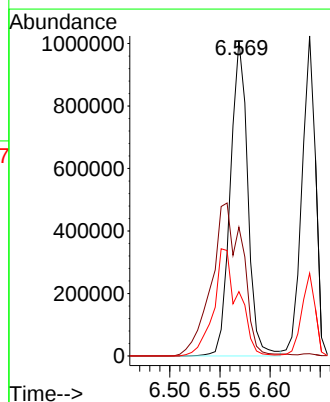
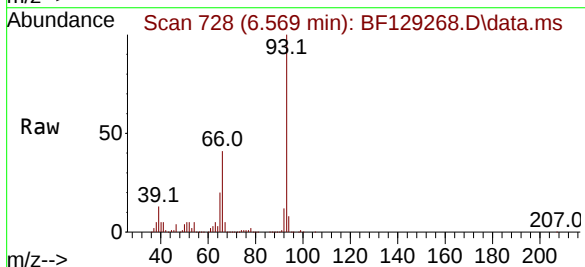
Instrument :
BNA_F
ClientSampleId :
PB146273BS

Tgt Ion:112 Resp: 2285283
Ion Ratio Lower Upper
112 100
64 64.6 53.3 79.9
63 33.5 28.0 42.0



#6
Aniline
Concen: 37.528 ng
RT: 6.569 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Tgt Ion: 93 Resp: 1221038
Ion Ratio Lower Upper
93 100
66 40.9 32.5 48.7
65 20.4 16.4 24.6

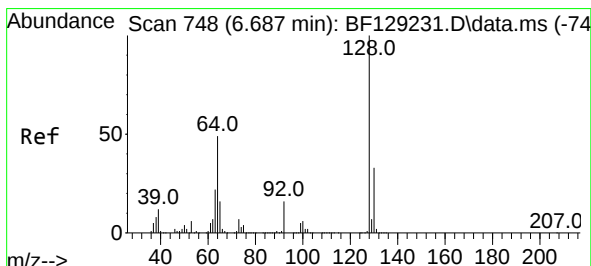
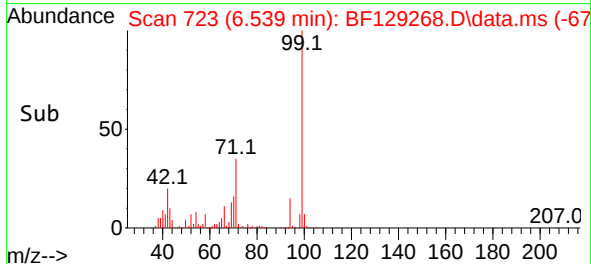
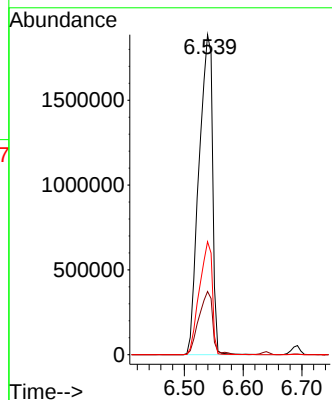
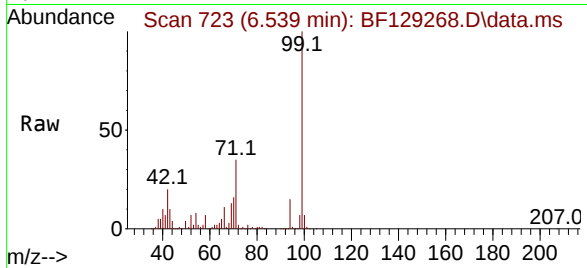




#7
Phenol-d6
Concen: 108.519 ng
RT: 6.539 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

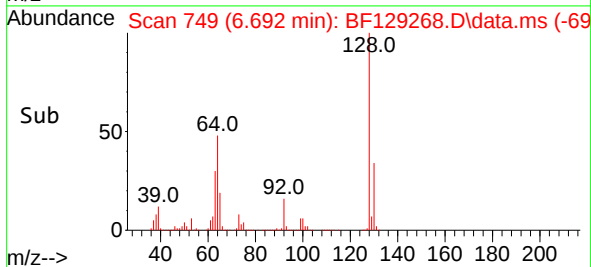
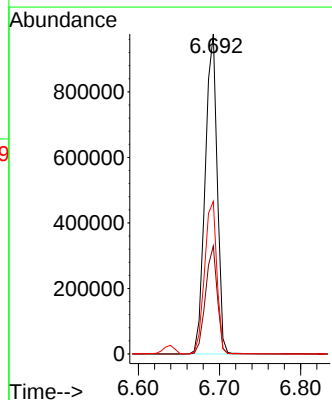
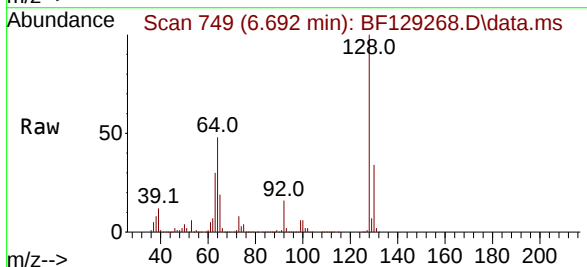
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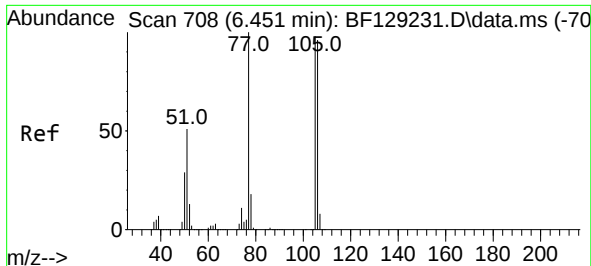
Tgt Ion: 99 Resp: 3005337
Ion Ratio Lower Upper
99 100
42 19.8 17.3 25.9
71 35.3 28.9 43.3



#8
2-Chlorophenol
Concen: 44.595 ng
RT: 6.692 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Tgt Ion: 128 Resp: 1005474
Ion Ratio Lower Upper
128 100
130 33.7 13.1 53.1
64 47.7 30.9 70.9

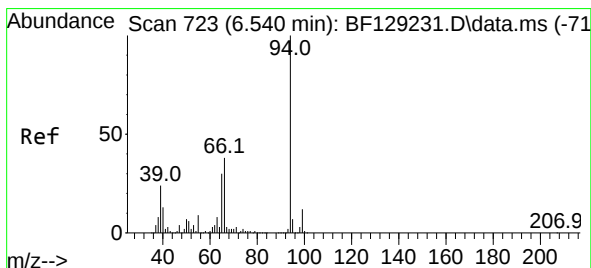
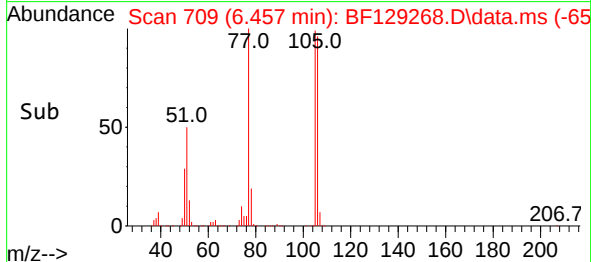
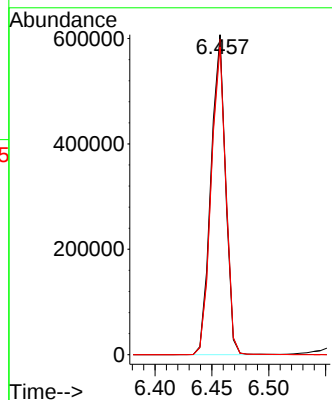
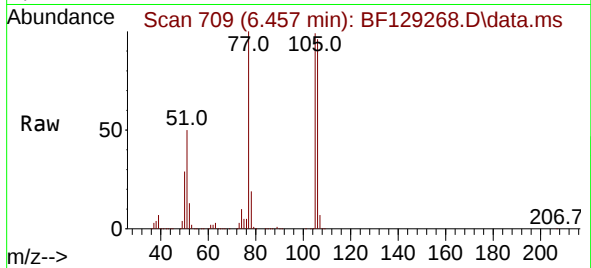




#9
Benzaldehyde
Concen: 31.789 ng
RT: 6.457 min Scan# 709
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

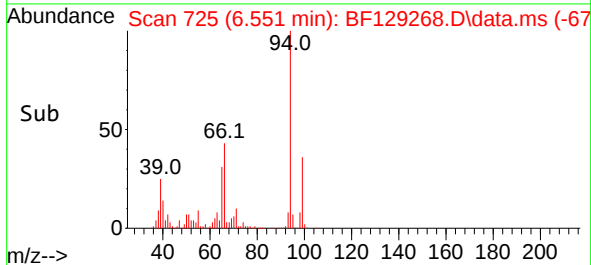
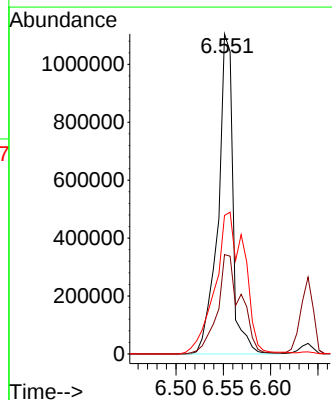
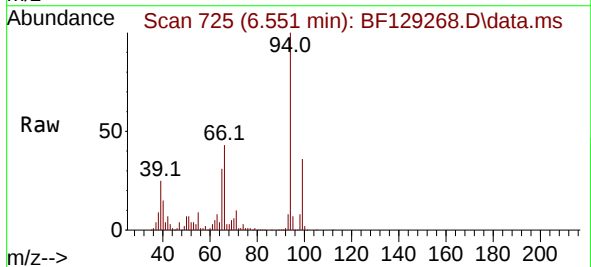
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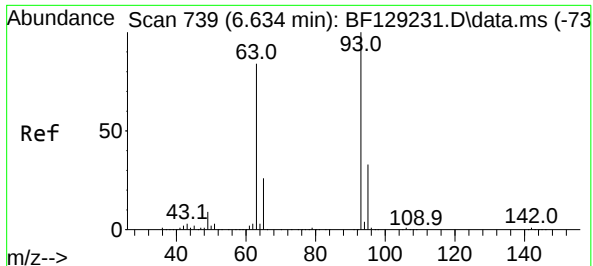
Tgt Ion: 77 Resp: 540267
Ion Ratio Lower Upper
77 100
105 98.6 81.6 121.6
106 96.1 76.1 116.1



#10
Phenol
Concen: 43.574 ng
RT: 6.551 min Scan# 725
Delta R.T. 0.012 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Tgt Ion: 94 Resp: 1212177
Ion Ratio Lower Upper
94 100
65 31.1 11.4 51.4
66 43.3 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 42.659 ng

RT: 6.639 min Scan# 740

Delta R.T. 0.006 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

Instrument :

BNA_F

ClientSampleId :

PB146273BS

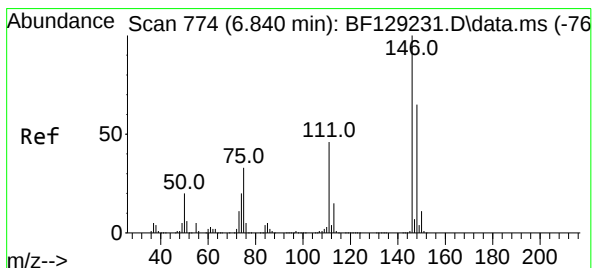
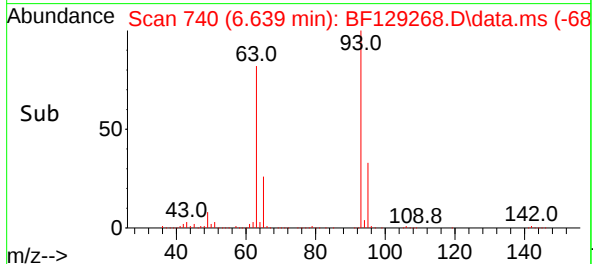
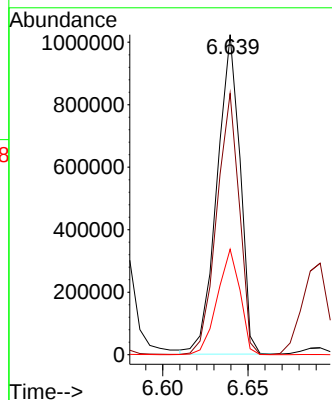
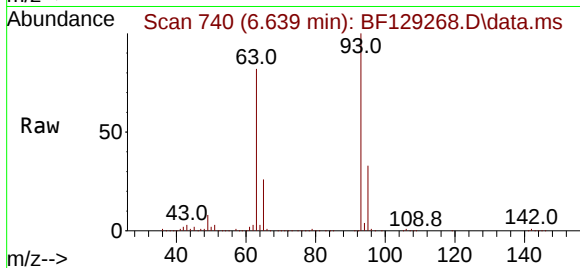
Tgt Ion: 93 Resp: 962475

Ion Ratio Lower Upper

93 100

63 81.6 67.4 107.4

95 32.9 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 40.553 ng

RT: 6.845 min Scan# 775

Delta R.T. 0.006 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

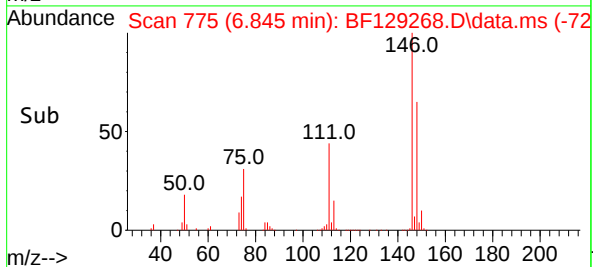
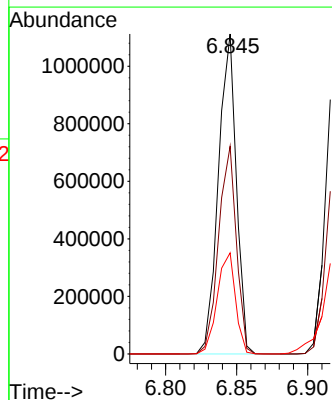
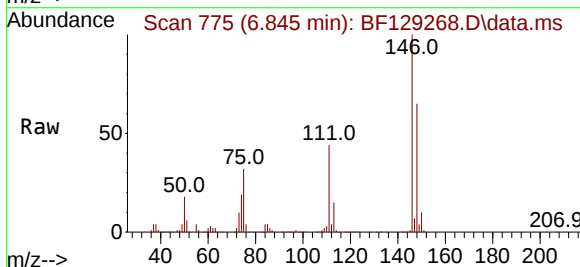
Tgt Ion:146 Resp: 972357

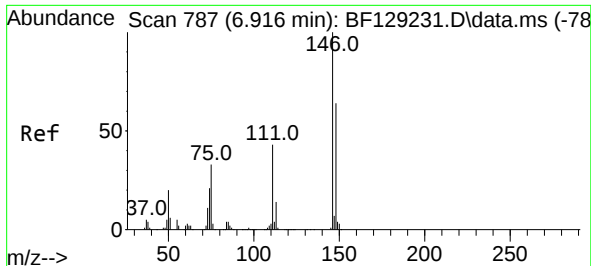
Ion Ratio Lower Upper

146 100

148 64.9 50.6 75.8

75 31.6 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 40.885 ng

RT: 6.922 min Scan# 788

Delta R.T. 0.006 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

Instrument :

BNA_F

ClientSampleId :

PB146273BS

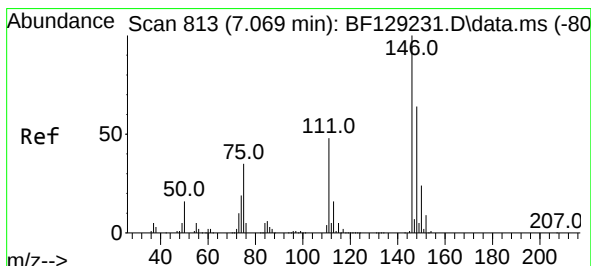
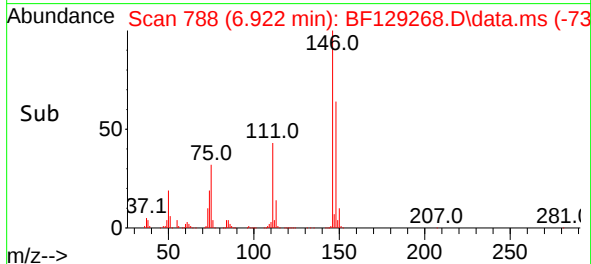
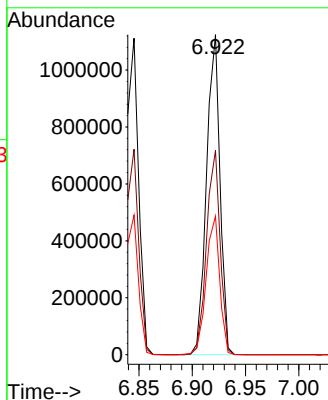
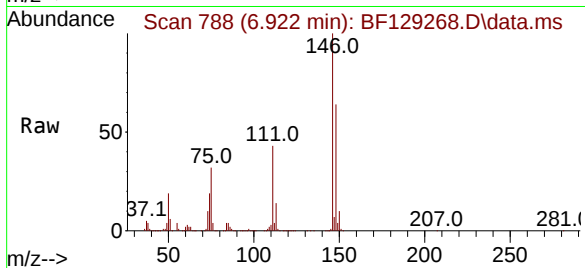
Tgt Ion:146 Resp: 991532

Ion Ratio Lower Upper

146 100

148 63.8 51.1 76.7

111 43.3 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 42.424 ng

RT: 7.075 min Scan# 814

Delta R.T. 0.006 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

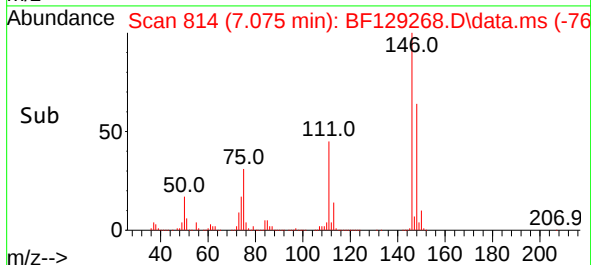
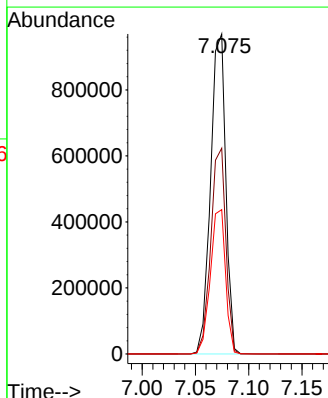
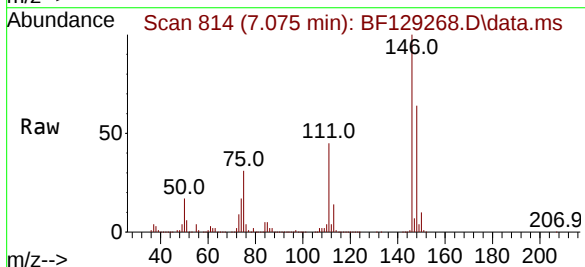
Tgt Ion:146 Resp: 958974

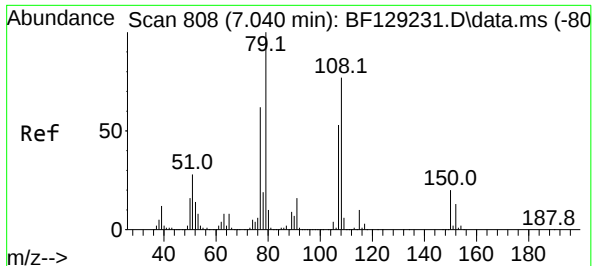
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

111 45.1 35.1 52.7

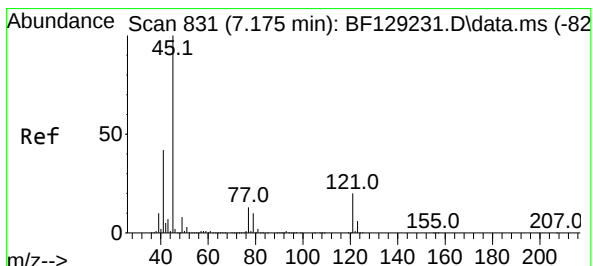
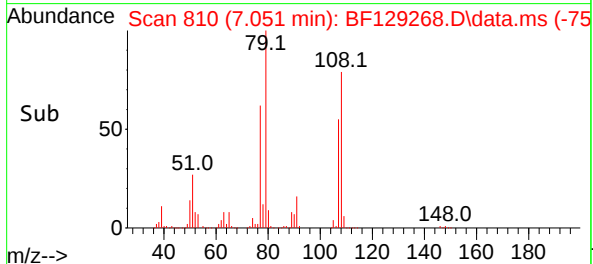
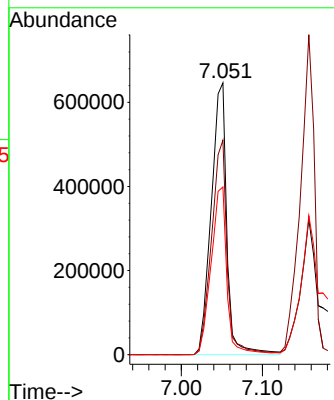
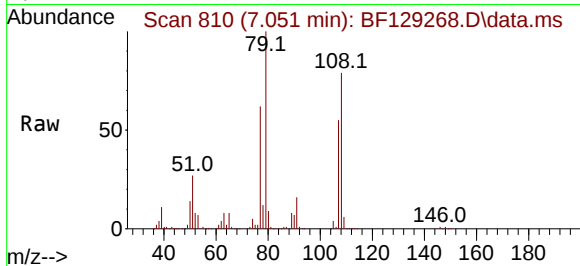




#15
Benzyl Alcohol
Concen: 46.841 ng
RT: 7.051 min Scan# 810
Delta R.T. 0.012 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

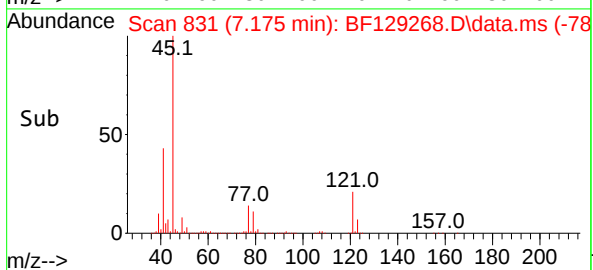
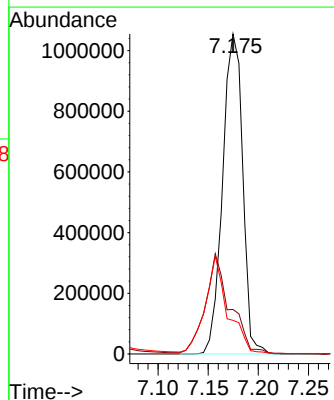
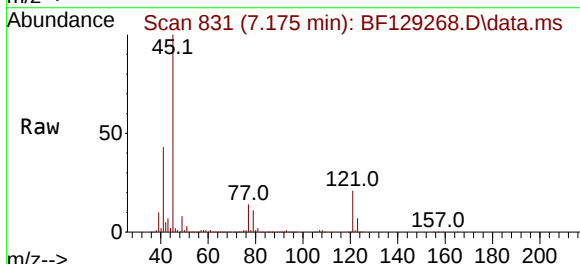
Instrument :
BNA_F
ClientSampleId :
PB146273BS

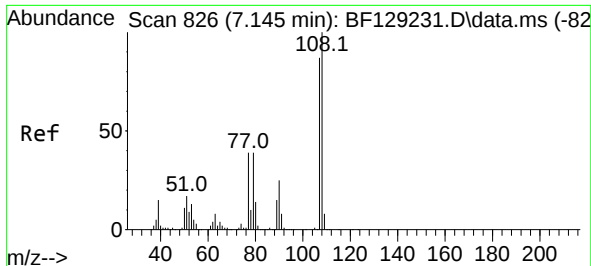
Tgt Ion: 79 Resp: 863934
Ion Ratio Lower Upper
79 100
108 78.9 61.8 92.6
77 61.7 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.773 ng
RT: 7.175 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Tgt Ion: 45 Resp: 1465808
Ion Ratio Lower Upper
45 100
77 13.9 0.0 31.3
79 10.5 0.0 28.3





#17

2-Methylphenol

Concen: 41.382 ng

RT: 7.157 min Scan# 81

Delta R.T. 0.012 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

Instrument :

BNA_F

ClientSampleId :

PB146273BS

Tgt Ion:107 Resp: 784302

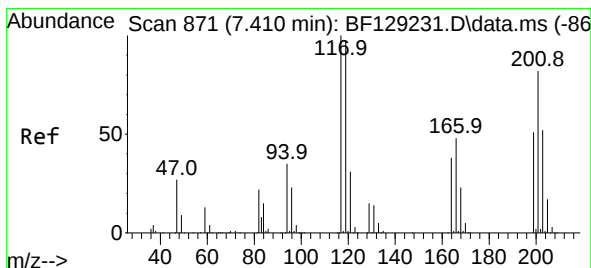
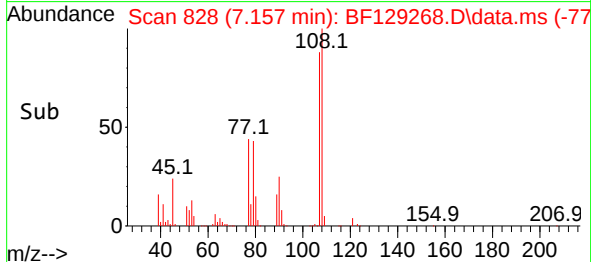
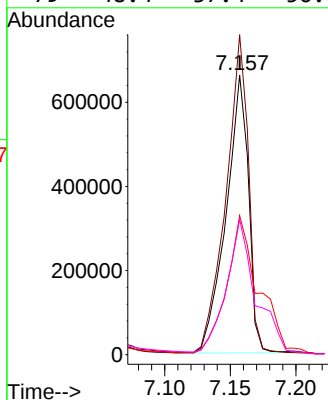
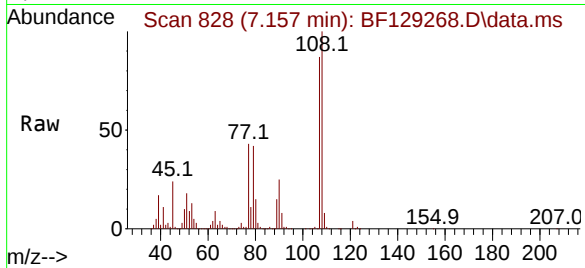
Ion Ratio Lower Upper

107 100

108 114.4 91.9 137.9

77 49.7 37.8 56.8

79 48.4 37.4 56.0



#18

Hexachloroethane

Concen: 42.350 ng

RT: 7.416 min Scan# 872

Delta R.T. 0.006 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

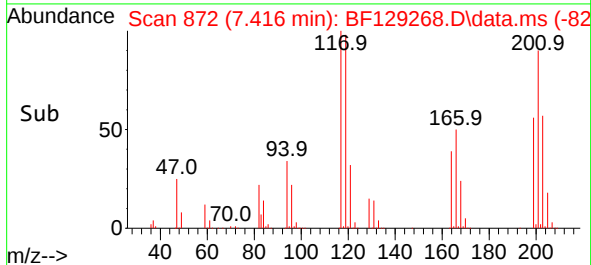
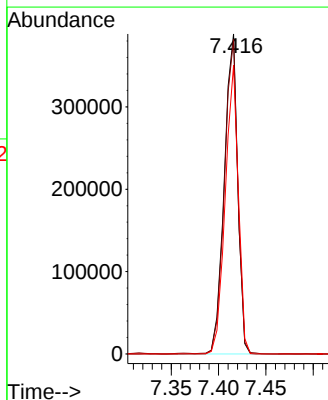
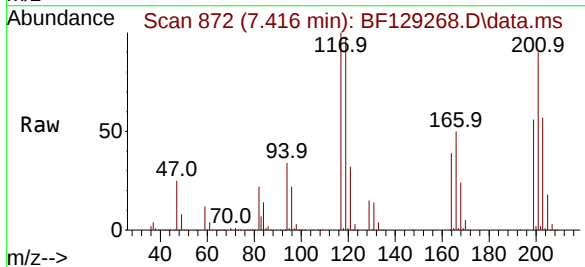
Tgt Ion:117 Resp: 383751

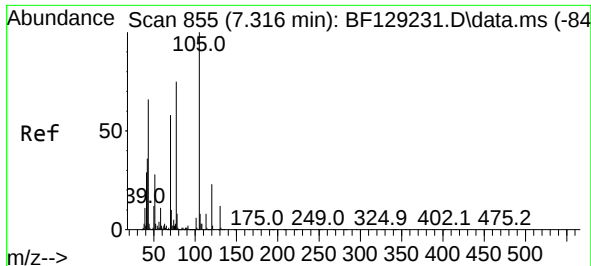
Ion Ratio Lower Upper

117 100

119 98.3 77.4 116.2

201 90.2 84.6 127.0

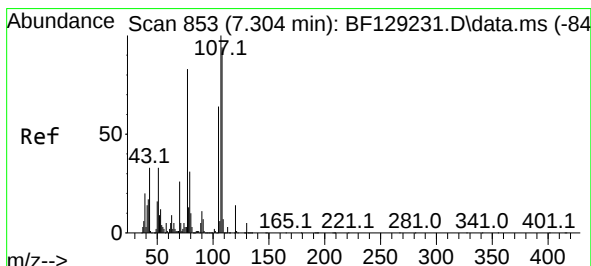
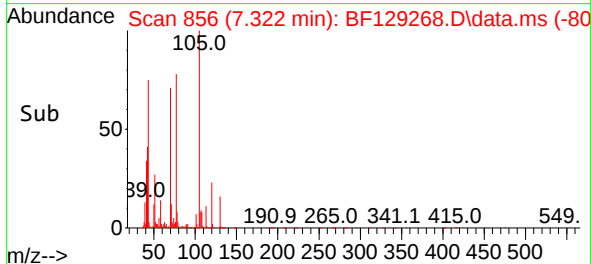
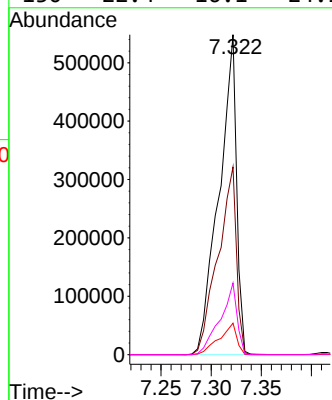
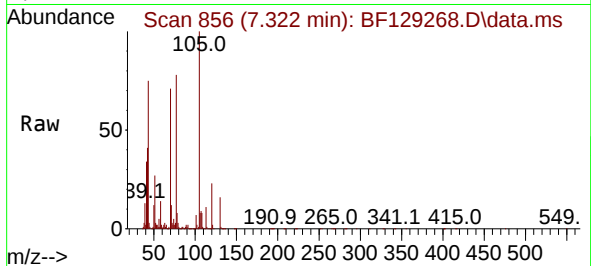




#19
n-Nitroso-di-n-propylamine
Concen: 40.833 ng
RT: 7.322 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

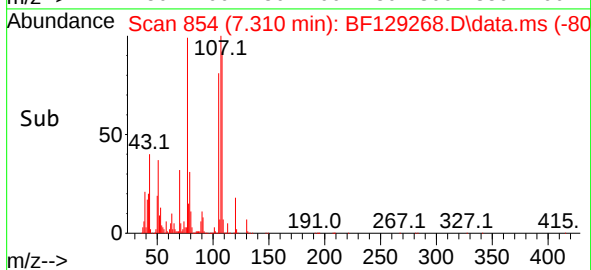
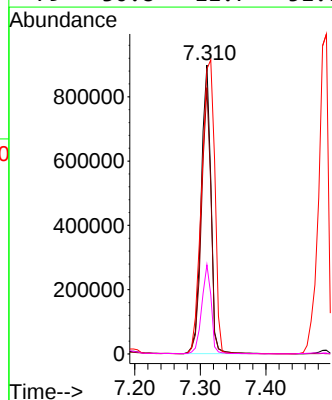
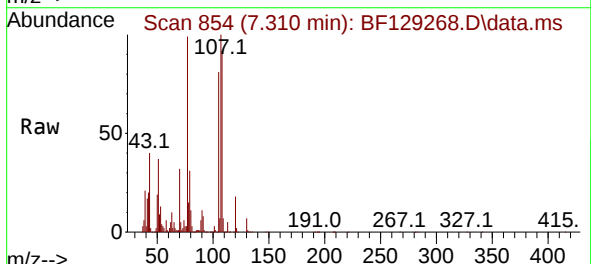
Instrument :
BNA_F
ClientSampleId :
PB146273BS

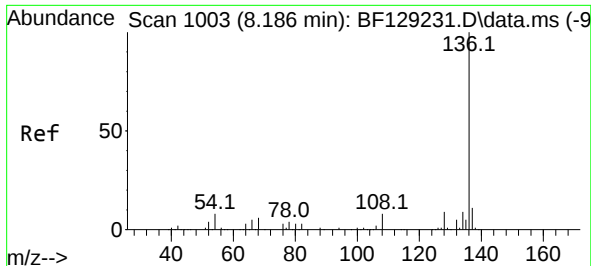
Tgt Ion:	70	Resp:	665138
Ion	Ratio	Lower	Upper
70	100		
42	58.7	52.3	78.5
101	9.9	7.5	11.3
130	22.4	16.1	24.1



#20
3+4-Methylphenols
Concen: 39.794 ng
RT: 7.310 min Scan# 854
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

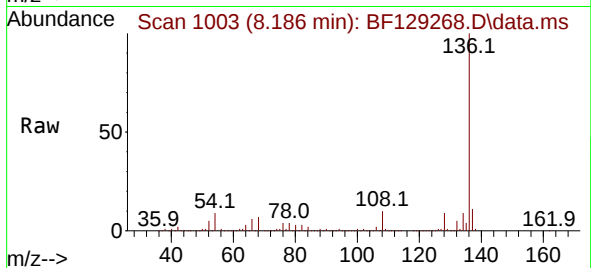
Tgt Ion:	107	Resp:	926957
Ion	Ratio	Lower	Upper
107	100		
108	92.2	71.8	111.8
77	98.6	59.3	99.3
79	30.8	11.7	51.7



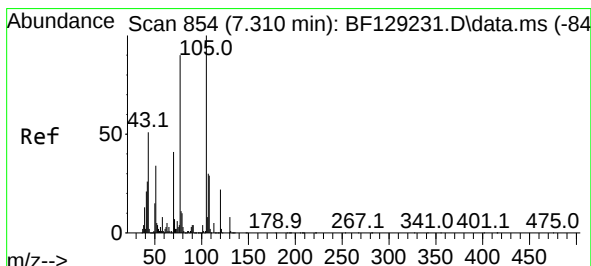
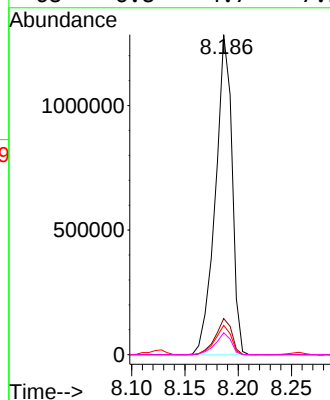
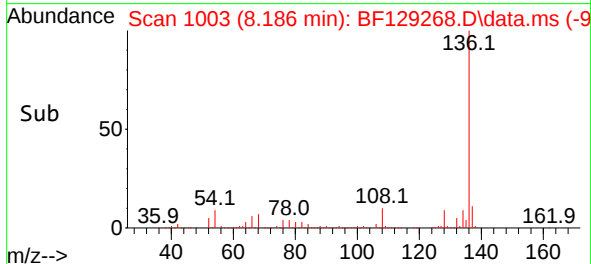


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

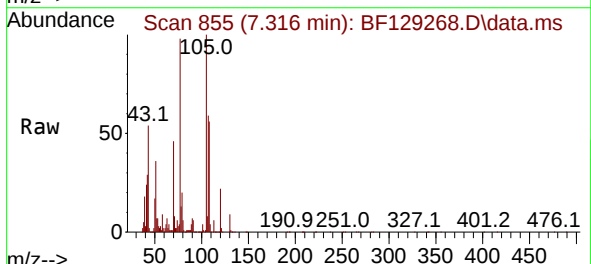
Instrument :
BNA_F
ClientSampleId :
PB146273BS



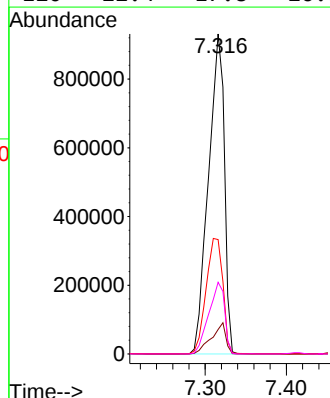
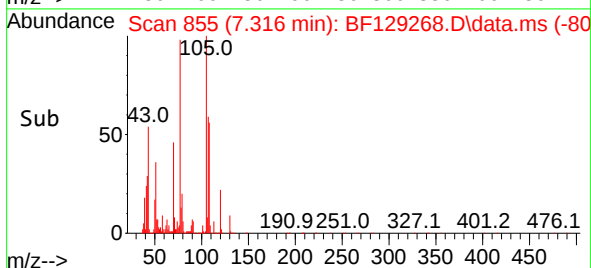
Tgt Ion:136 Resp: 1386159
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.1 7.5 11.3
68 6.8 4.7 7.1

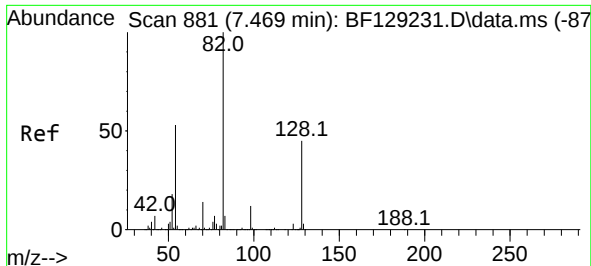


#22
Acetophenone
Concen: 39.584 ng
RT: 7.316 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23



Tgt Ion:105 Resp: 1266246
Ion Ratio Lower Upper
105 100
71 7.7 5.0 7.4#
51 35.7 25.0 37.4
120 22.4 17.8 26.8





#23

Nitrobenzene-d5

Concen: 74.103 ng

RT: 7.475 min Scan# 881

Delta R.T. 0.006 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

Instrument :

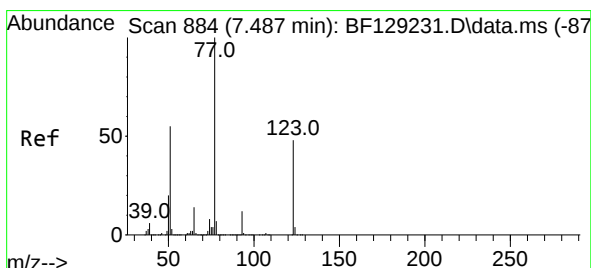
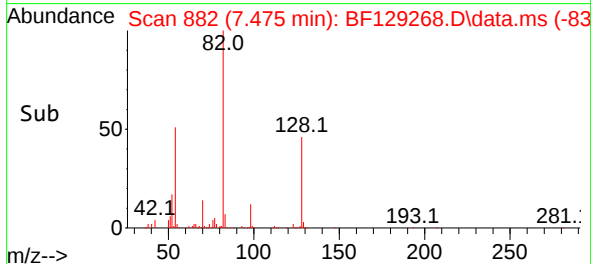
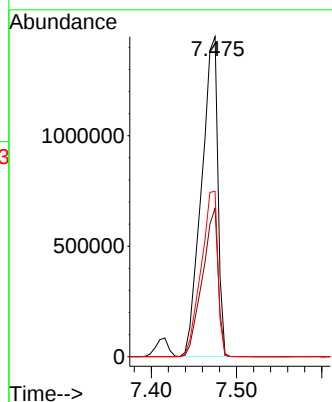
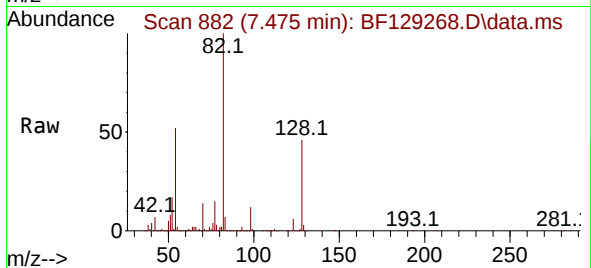
BNA_F

ClientSampleId :

PB146273BS

Tgt Ion: 82 Resp: 1921597

Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	51.7	46.9	70.3



#24

Nitrobenzene

Concen: 41.742 ng

RT: 7.492 min Scan# 885

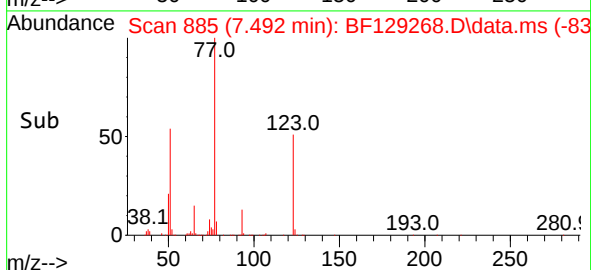
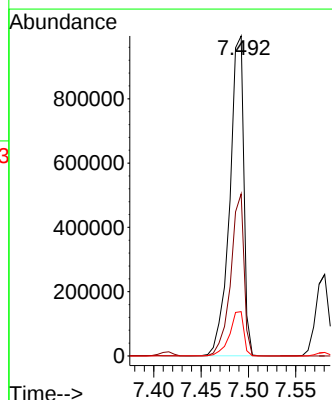
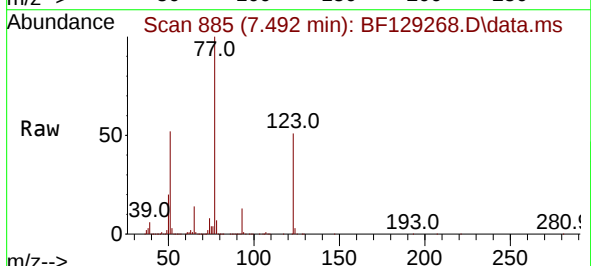
Delta R.T. 0.006 min

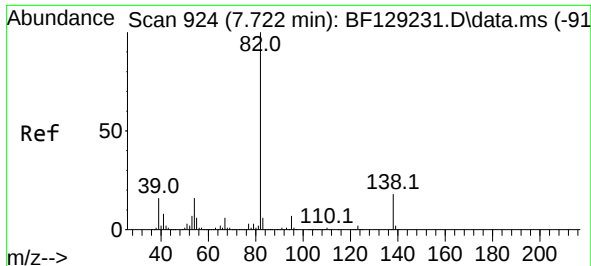
Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

Tgt Ion: 77 Resp: 1029687

Ion	Ratio	Lower	Upper
77	100		
123	50.7	35.4	53.2
65	13.8	11.8	17.8

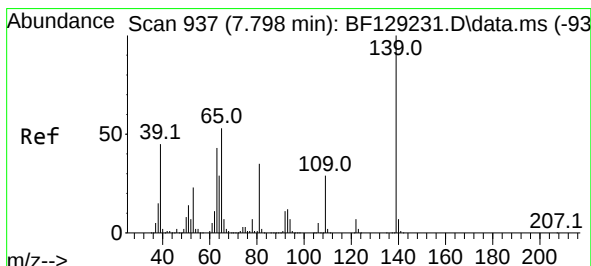
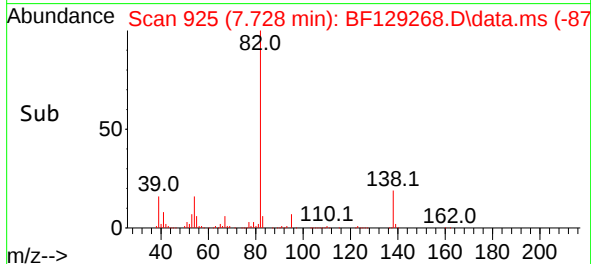
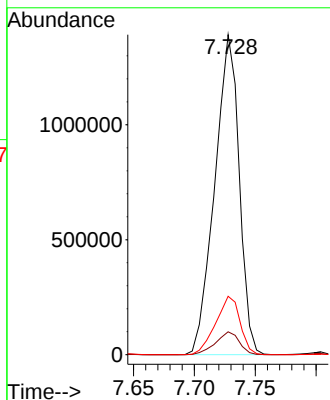
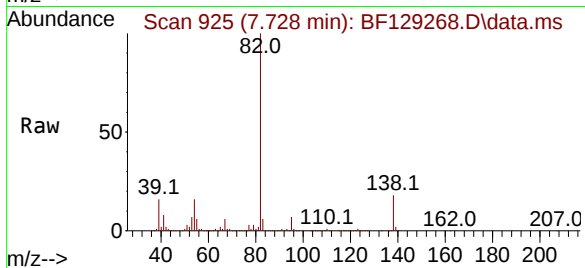




#25
Isophorone
Concen: 44.589 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

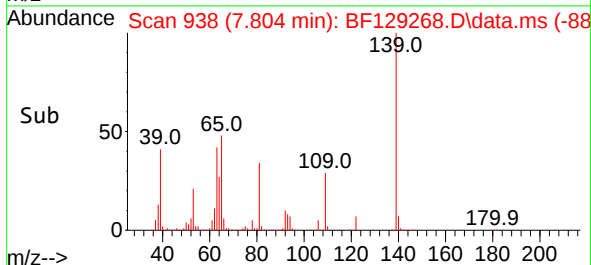
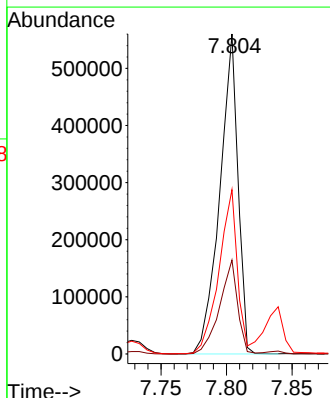
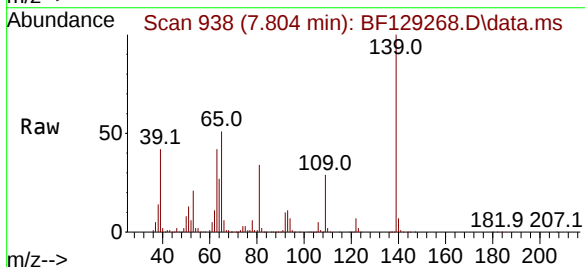
Instrument :
BNA_F
ClientSampleId :
PB146273BS

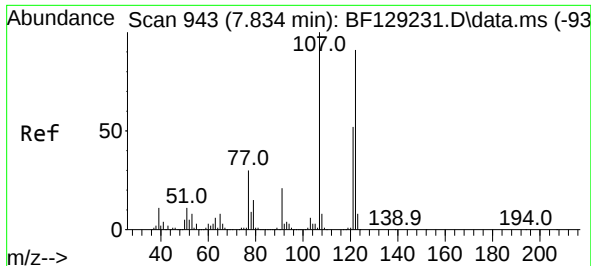
Tgt Ion: 82 Resp: 1943280
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 18.2 14.2 21.2



#26
2-Nitrophenol
Concen: 43.612 ng
RT: 7.804 min Scan# 938
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Tgt Ion:139 Resp: 540398
Ion Ratio Lower Upper
139 100
109 29.4 25.0 37.4
65 51.4 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 47.841 ng

RT: 7.839 min Scan# 94

Delta R.T. 0.006 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

Instrument :

BNA_F

ClientSampleId :

PB146273BS

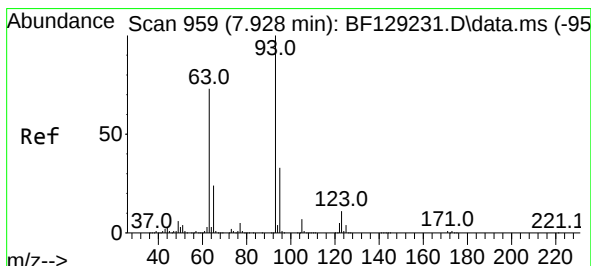
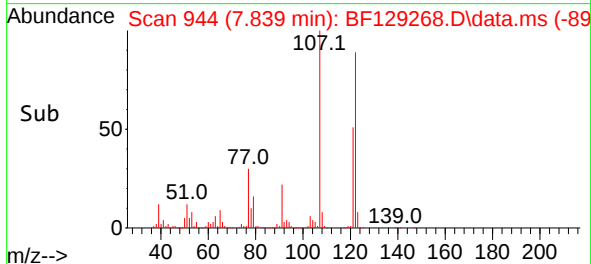
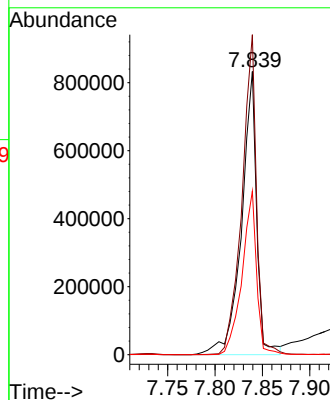
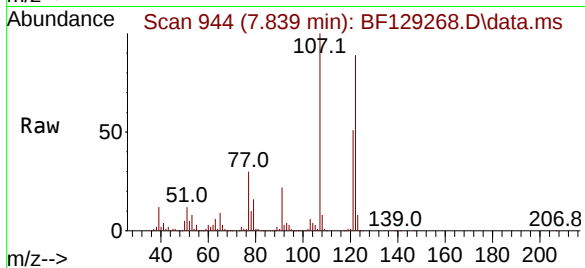
Tgt Ion:122 Resp: 921786

Ion Ratio Lower Upper

122 100

107 113.0 93.0 139.6

121 57.7 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.358 ng

RT: 7.933 min Scan# 960

Delta R.T. 0.006 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

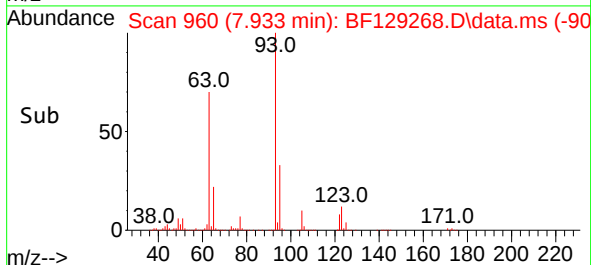
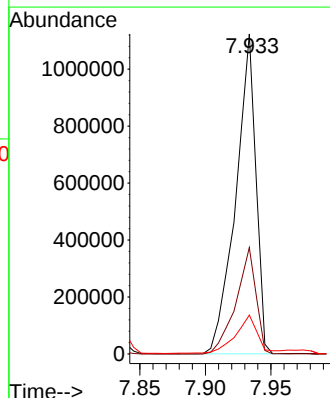
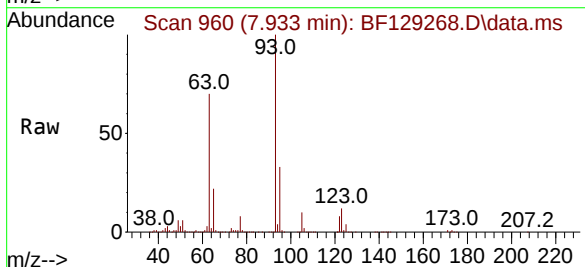
Tgt Ion: 93 Resp: 1200653

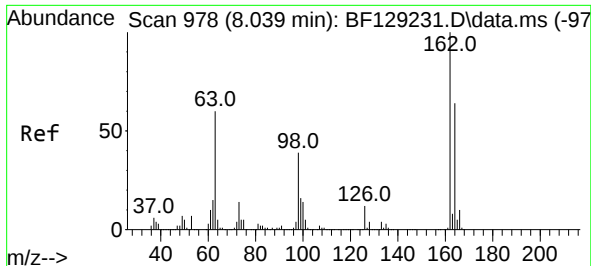
Ion Ratio Lower Upper

93 100

95 33.3 26.8 40.2

123 12.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 42.267 ng

RT: 8.045 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

Instrument :

BNA_F

ClientSampleId :

PB146273BS

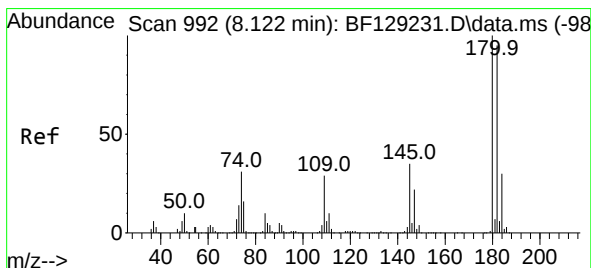
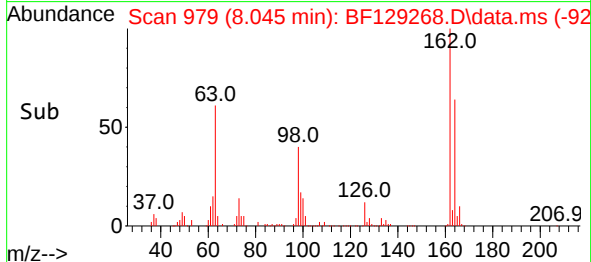
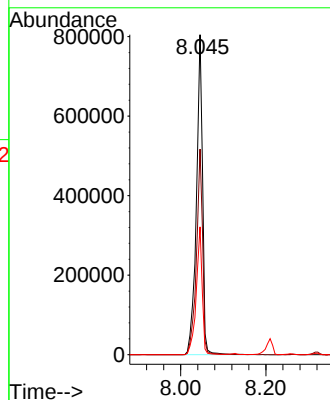
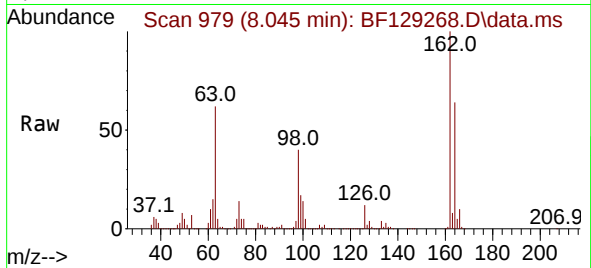
Tgt Ion:162 Resp: 809614

Ion Ratio Lower Upper

162 100

164 64.3 44.2 84.2

98 40.0 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 39.822 ng

RT: 8.128 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

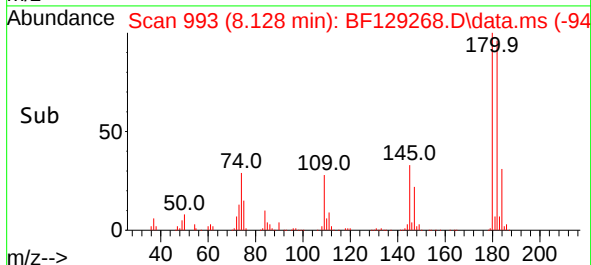
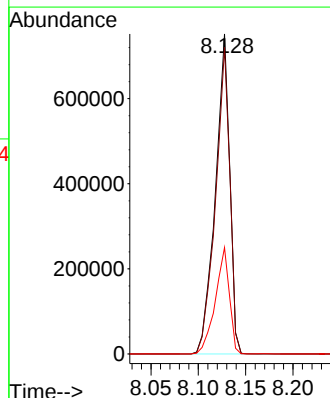
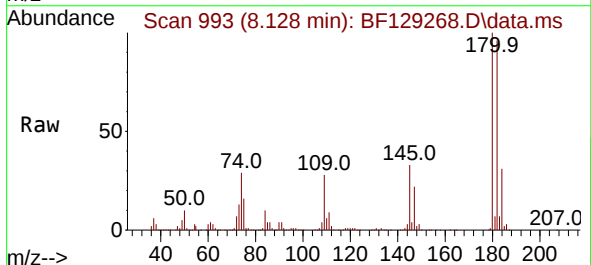
Tgt Ion:180 Resp: 791498

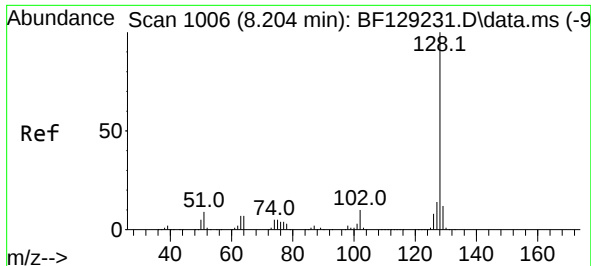
Ion Ratio Lower Upper

180 100

182 95.8 79.2 118.8

145 33.2 26.2 39.2

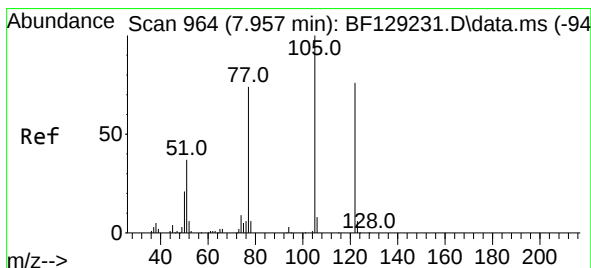
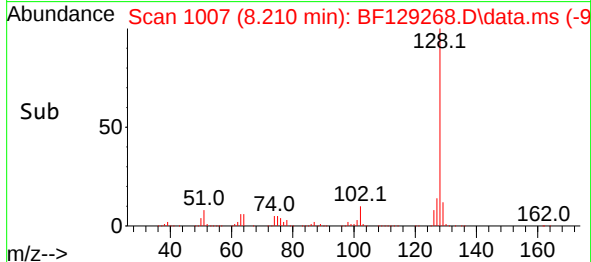
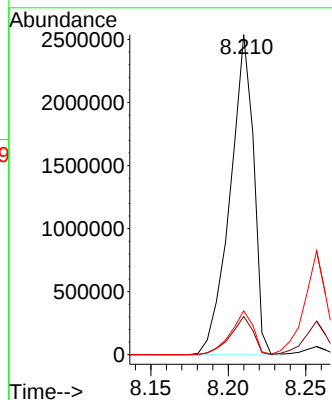
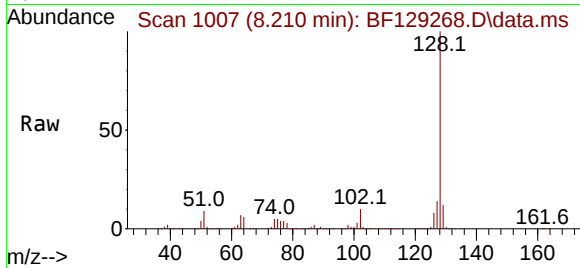




#31
Naphthalene
Concen: 40.782 ng
RT: 8.210 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

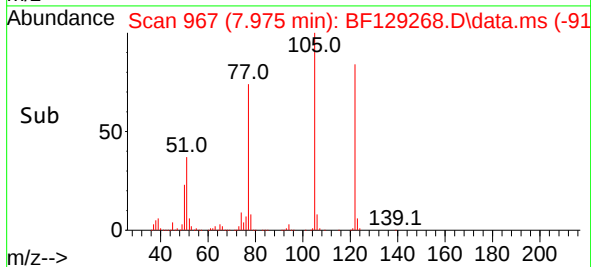
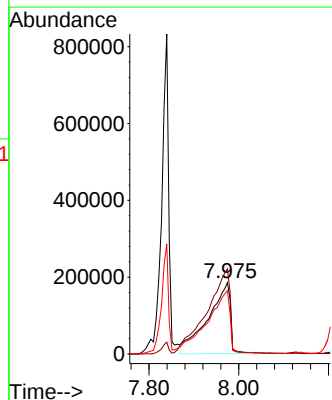
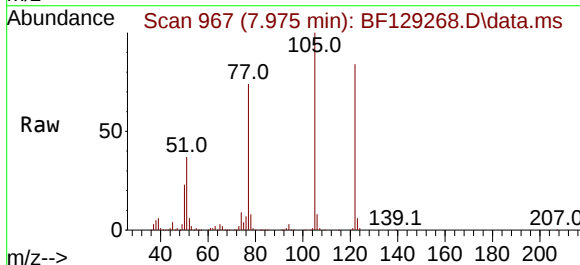
Instrument :
BNA_F
ClientSampleId :
PB146273BS

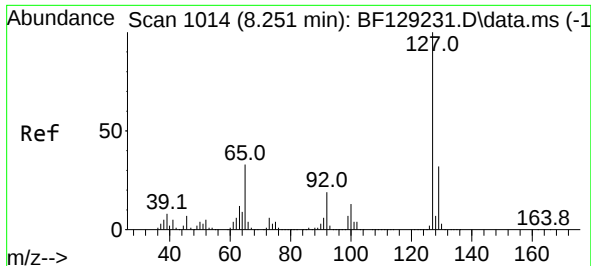
Tgt Ion:128 Resp: 2678363
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.7 10.5 15.7



#32
Benzoic acid
Concen: 43.015 ng
RT: 7.975 min Scan# 967
Delta R.T. 0.018 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Tgt Ion:122 Resp: 643690
Ion Ratio Lower Upper
122 100
105 119.3 107.1 147.1
77 88.6 74.2 114.2



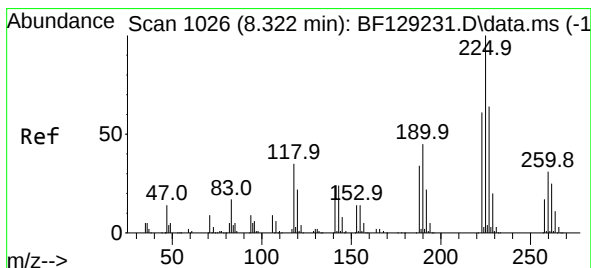
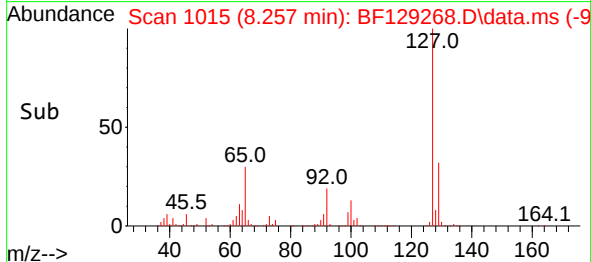
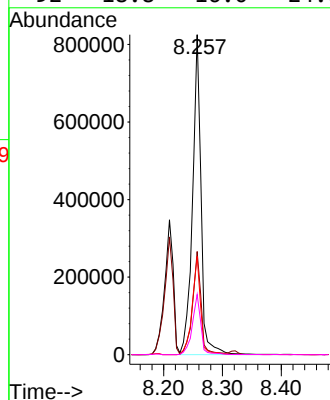
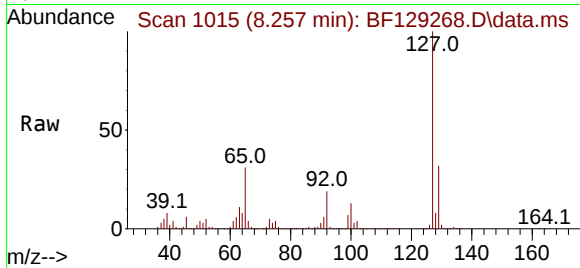


#33
4-Chloroaniline
Concen: 30.519 ng
RT: 8.257 min Scan# 1015
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Instrument :
BNA_F
ClientSampleId :
PB146273BS

Tgt Ion:127 Resp: 831179

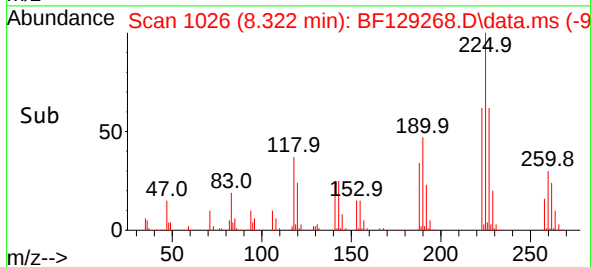
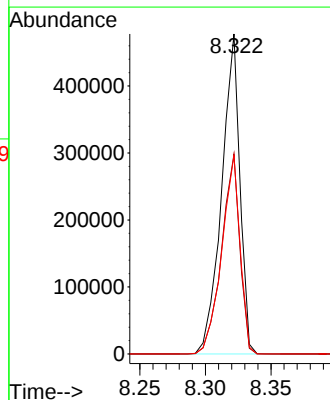
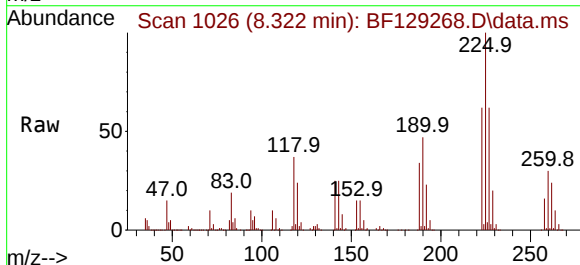
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.4	39.6
65	30.7	26.4	39.6
92	18.8	16.0	24.0

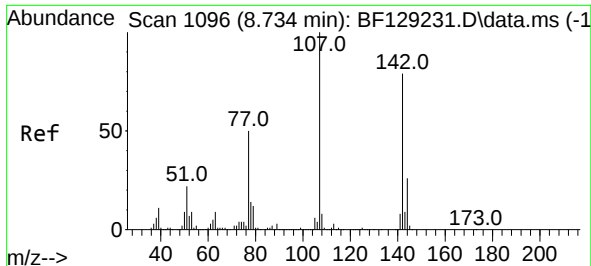


#34
Hexachlorobutadiene
Concen: 41.157 ng
RT: 8.322 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Tgt Ion:225 Resp: 460209

Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.0	76.6
227	62.0	51.1	76.7

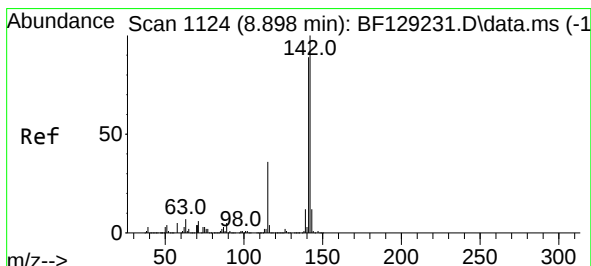
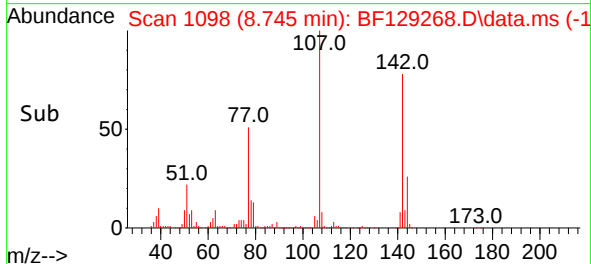
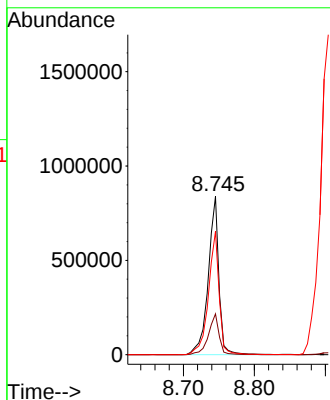
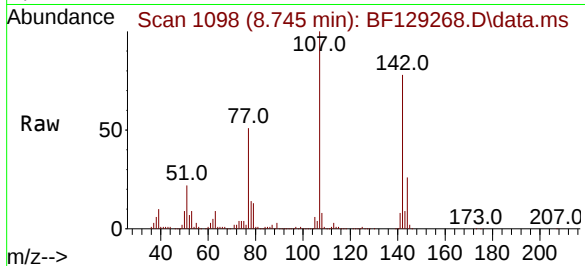




#36
4-Chloro-3-methylphenol
Concen: 41.992 ng
RT: 8.745 min Scan# 1096
Delta R.T. 0.012 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

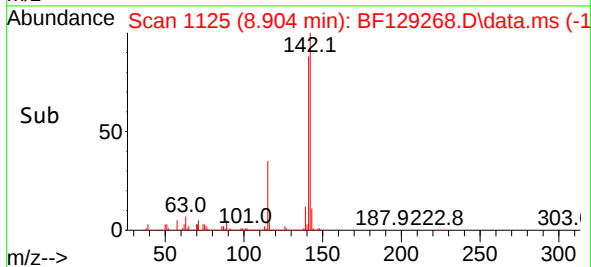
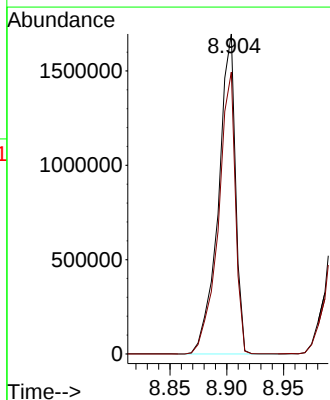
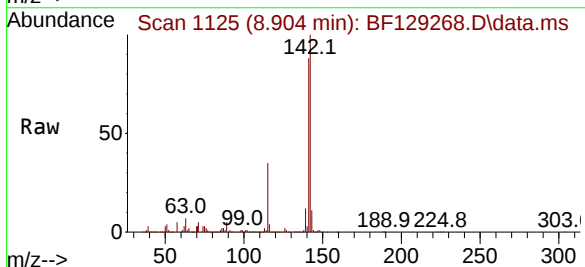
Instrument :
BNA_F
ClientSampleId :
PB146273BS

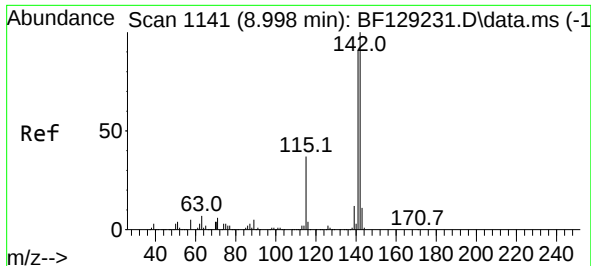
Tgt Ion:107 Resp: 877466
Ion Ratio Lower Upper
107 100
144 25.8 19.5 29.3
142 77.9 58.2 87.4



#37
2-Methylnaphthalene
Concen: 41.552 ng
RT: 8.904 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Tgt Ion:142 Resp: 1778642
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.4

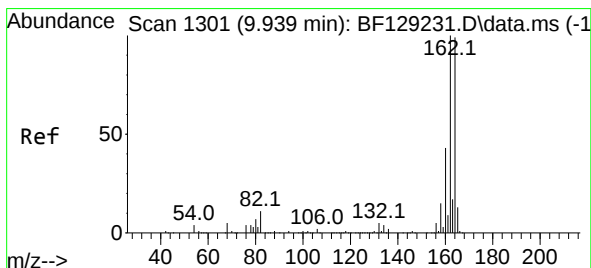
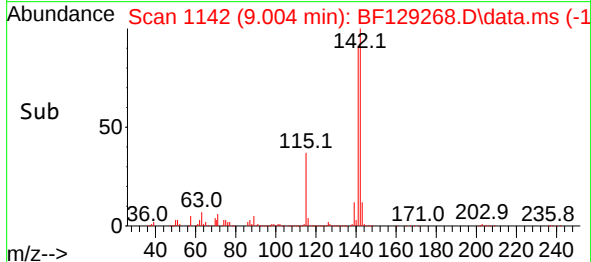
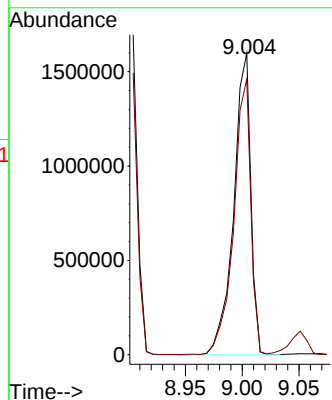
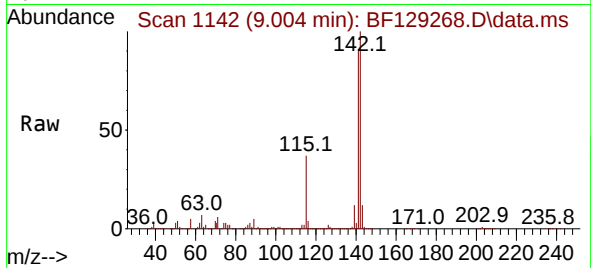




#38
1-Methylnaphthalene
Concen: 40.246 ng
RT: 9.004 min Scan# 1141
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

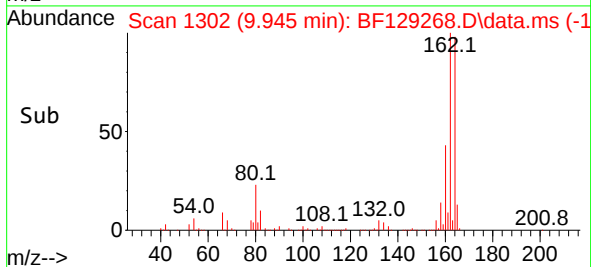
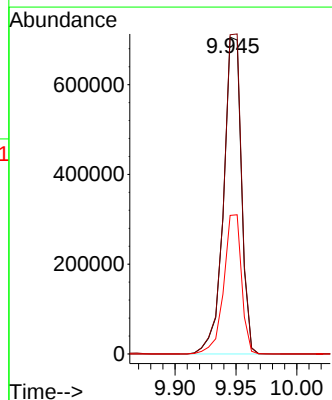
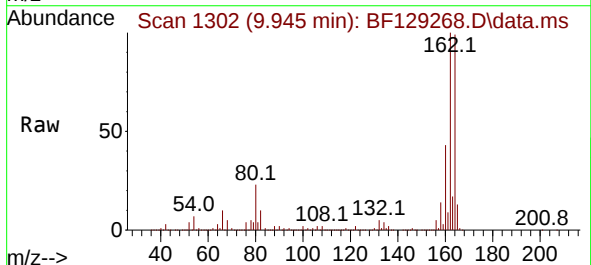
Instrument :
BNA_F
ClientSampleId :
PB146273BS

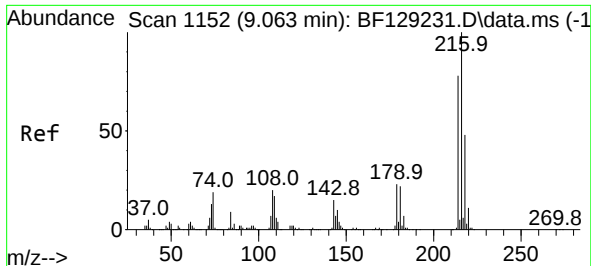
Tgt Ion:142 Resp: 1666030
Ion Ratio Lower Upper
142 100
141 91.3 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Tgt Ion:164 Resp: 720703
Ion Ratio Lower Upper
164 100
162 100.7 79.5 119.3
160 43.7 34.2 51.4

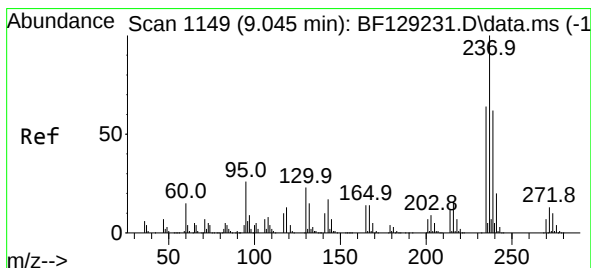
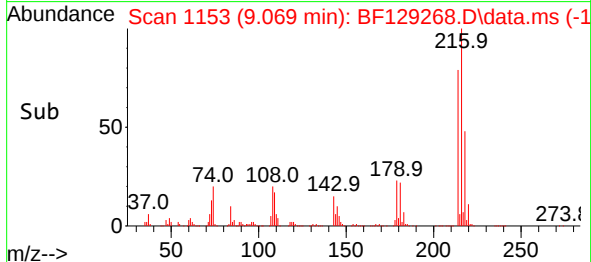
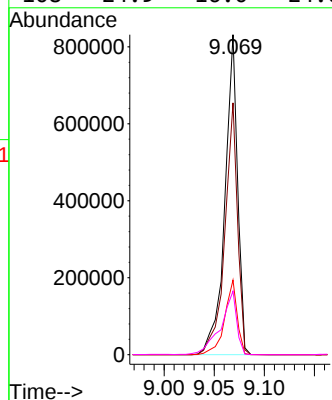
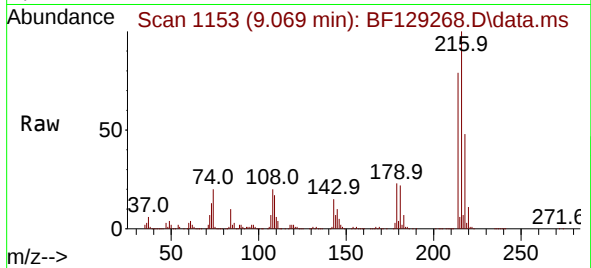




#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.917 ng
RT: 9.069 min Scan# 1152
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

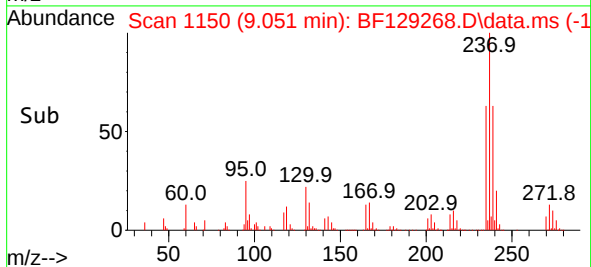
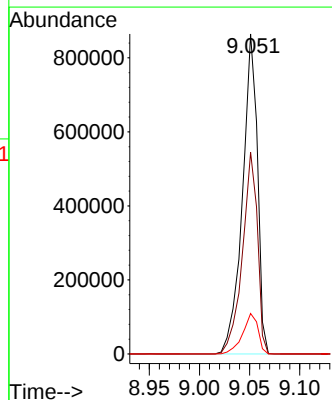
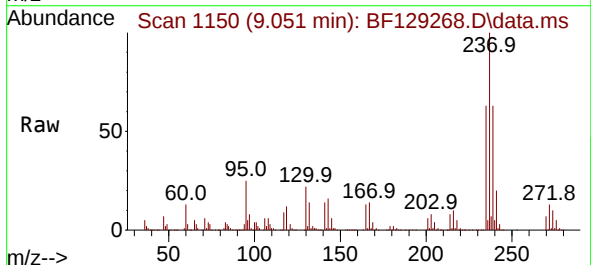
Instrument :
BNA_F
ClientSampleId :
PB146273BS

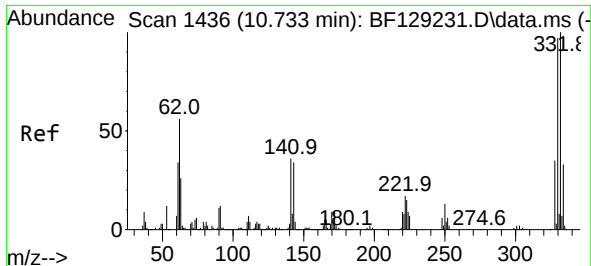
Tgt Ion:	216	Resp:	733172
Ion Ratio	Lower	Upper	
216	100		
214	78.6	63.6	95.4
179	23.0	17.0	25.6
108	24.9	16.0	24.0



#41
Hexachlorocyclopentadiene
Concen: 99.890 ng
RT: 9.051 min Scan# 1150
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Tgt Ion:	237	Resp:	900704
Ion Ratio	Lower	Upper	
237	100		
235	63.0	43.2	83.2
272	12.7	0.0	31.9





#42

2,4,6-Tribromophenol

Concen: 114.556 ng

RT: 10.745 min Scan# 1438

Delta R.T. 0.012 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

Instrument :

BNA_F

ClientSampleId :

PB146273BS

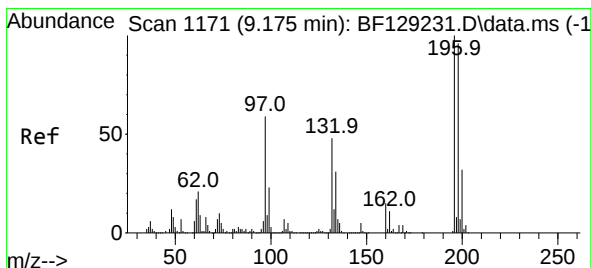
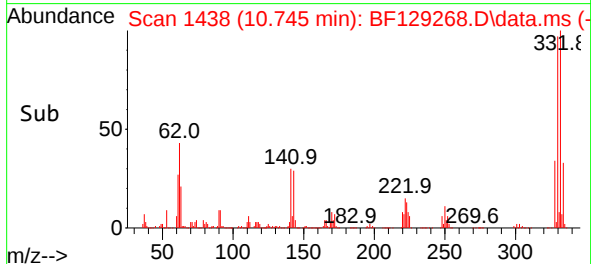
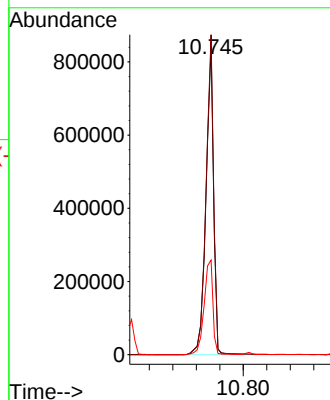
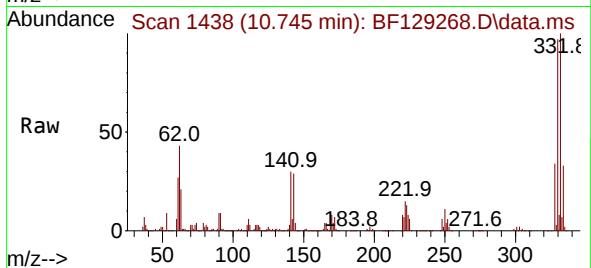
Tgt Ion:330 Resp: 766305

Ion Ratio Lower Upper

330 100

332 103.4 76.8 115.2

141 35.4 28.0 42.0



#43

2,4,6-Trichlorophenol

Concen: 42.546 ng

RT: 9.180 min Scan# 1172

Delta R.T. 0.006 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

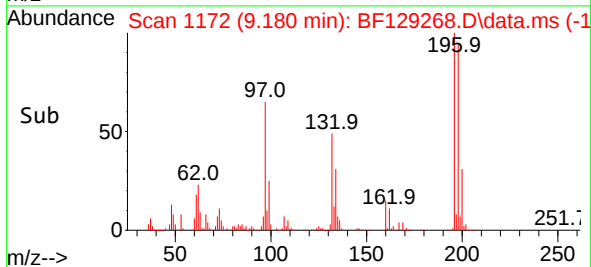
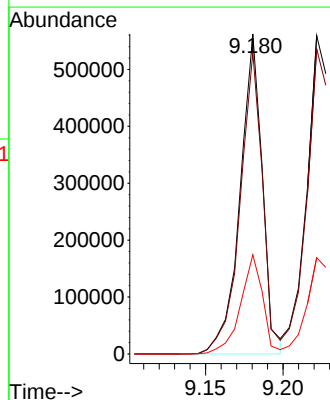
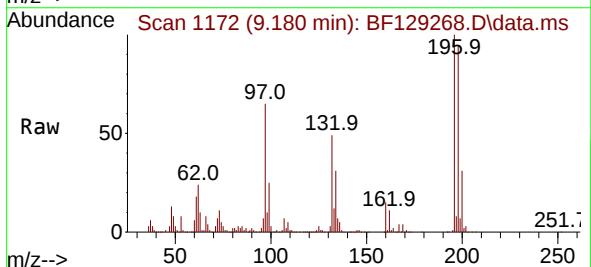
Tgt Ion:196 Resp: 561373

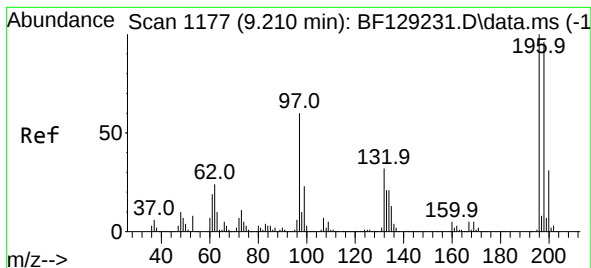
Ion Ratio Lower Upper

196 100

198 94.2 74.0 111.0

200 31.0 24.1 36.1





#44

2,4,5-Trichlorophenol

Concen: 41.404 ng

RT: 9.222 min Scan# 1179

Delta R.T. 0.012 min

Lab File: BF129268.D

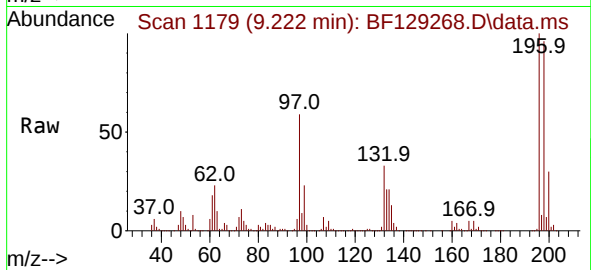
Acq: 18 Jul 2022 15:23

Instrument :

BNA_F

ClientSampleId :

PB146273BS



Tgt Ion:196 Resp: 577871

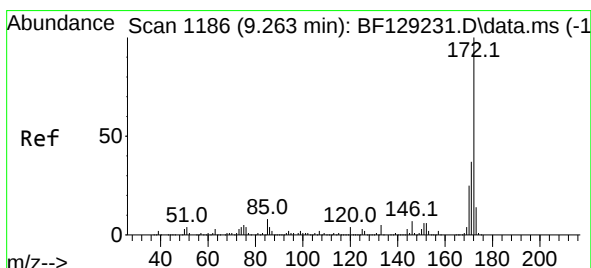
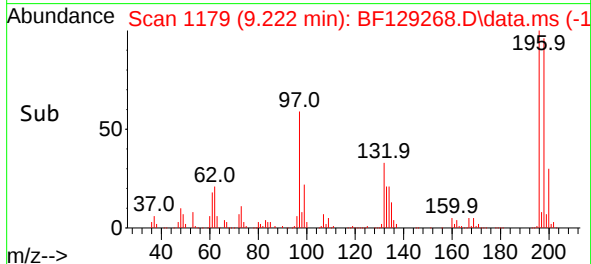
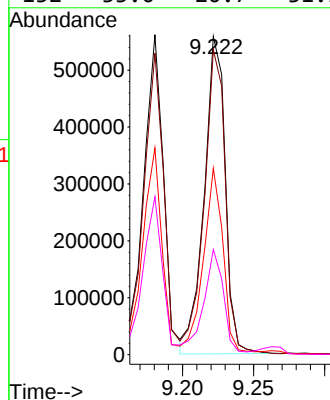
Ion Ratio Lower Upper

196 100

198 95.8 75.7 113.5

97 58.6 36.4 54.6#

132 33.0 20.7 31.1#



#45

2-Fluorobiphenyl

Concen: 74.499 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

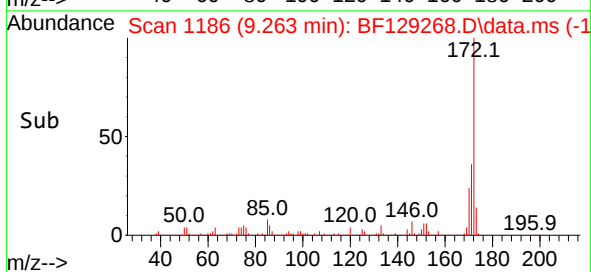
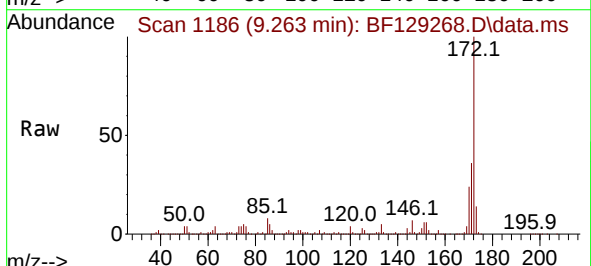
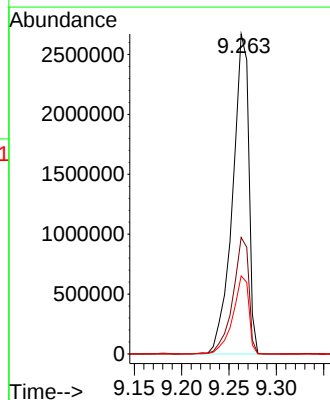
Tgt Ion:172 Resp: 3169129

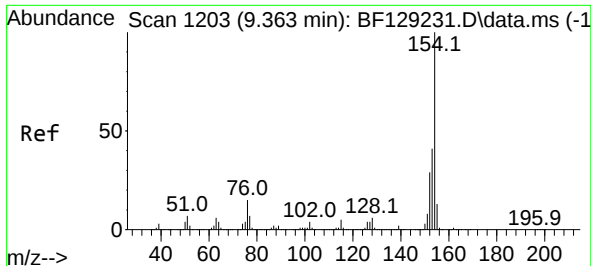
Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.4 19.8 29.8

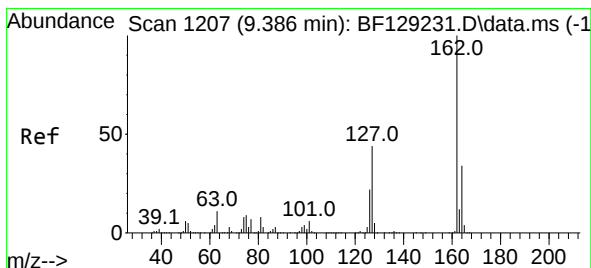
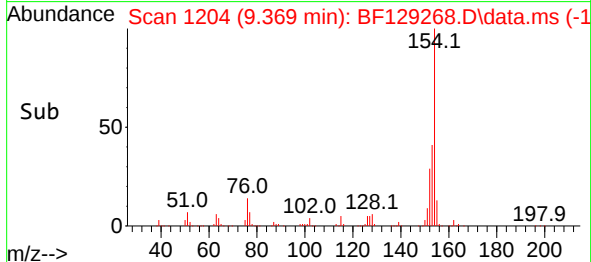
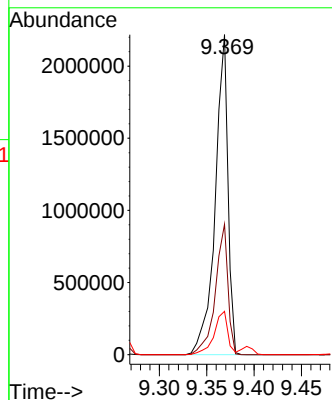
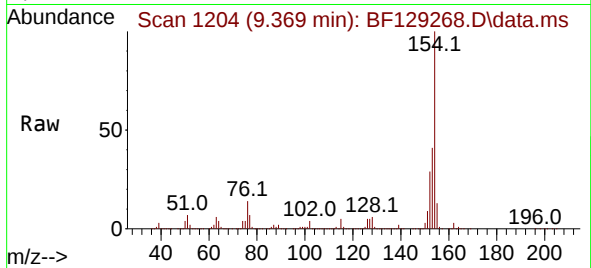




#46
1,1'-Biphenyl
Concen: 40.575 ng
RT: 9.369 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

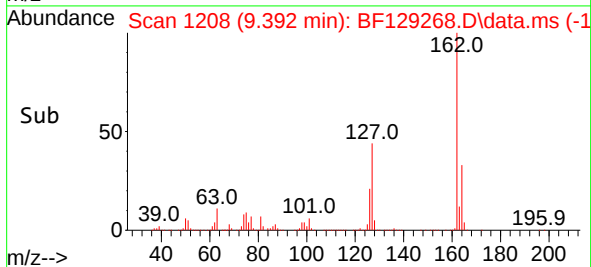
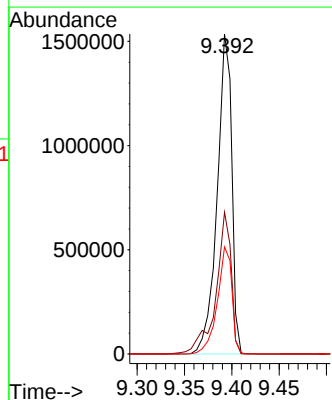
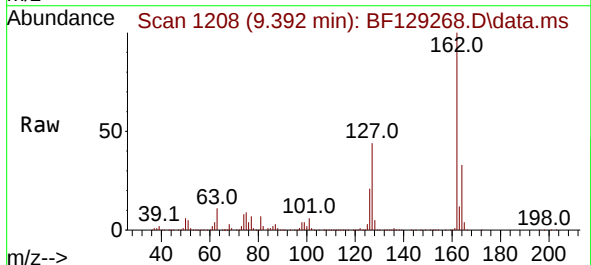
Instrument :
BNA_F
ClientSampleId :
PB146273BS

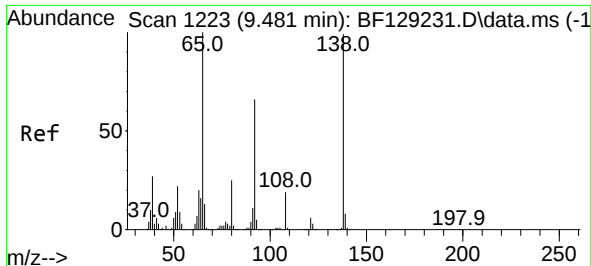
Tgt Ion:154 Resp: 2068327
Ion Ratio Lower Upper
154 100
153 40.8 20.6 60.6
76 13.6 0.0 33.3



#47
2-Chloronaphthalene
Concen: 41.082 ng
RT: 9.392 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Tgt Ion:162 Resp: 1649475
Ion Ratio Lower Upper
162 100
127 44.3 34.5 51.7
164 33.5 26.5 39.7

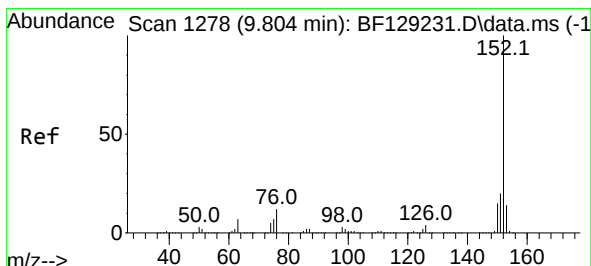
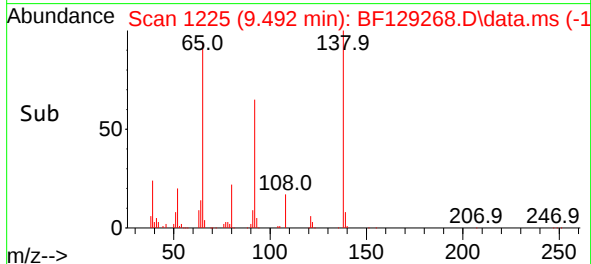
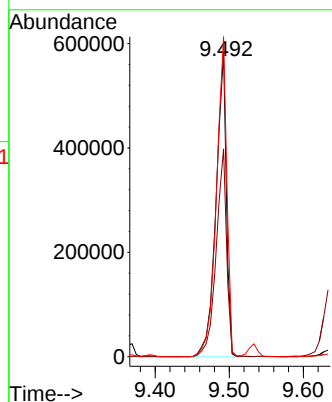
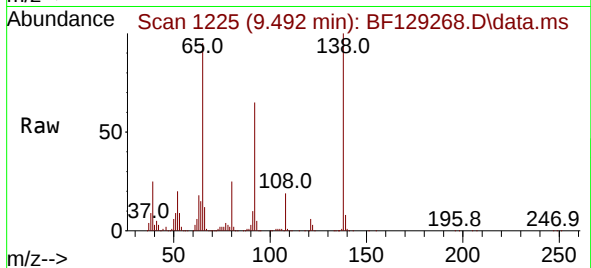




#48
2-Nitroaniline
Concen: 42.070 ng
RT: 9.492 min Scan# 1225
Delta R.T. 0.012 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

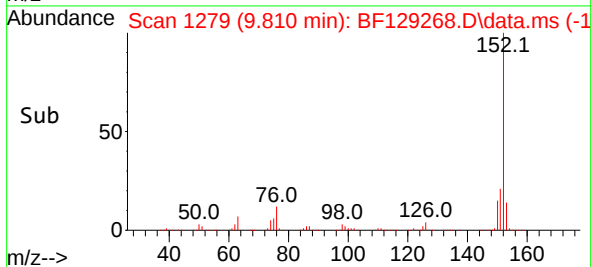
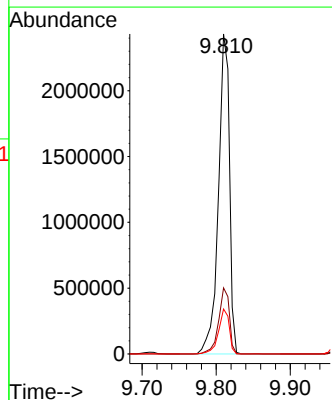
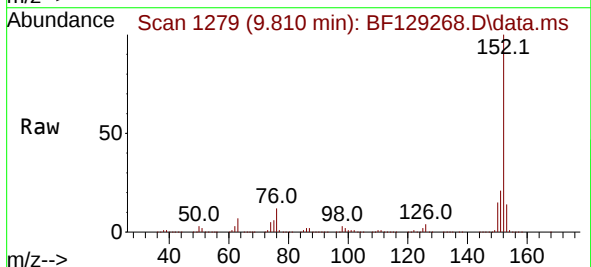
Instrument :
BNA_F
ClientSampleId :
PB146273BS

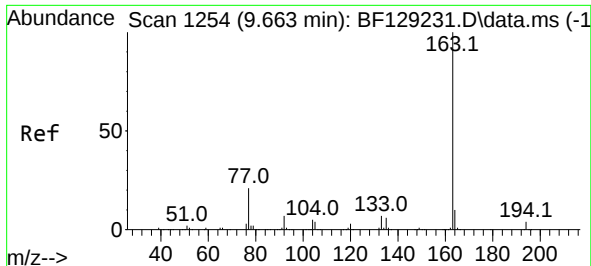
Tgt Ion: 65 Resp: 567505
Ion Ratio Lower Upper
65 100
92 68.4 51.9 77.9
138 105.3 76.4 114.6



#49
Acenaphthylene
Concen: 41.590 ng
RT: 9.810 min Scan# 1279
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Tgt Ion: 152 Resp: 2513368
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 14.1 10.7 16.1

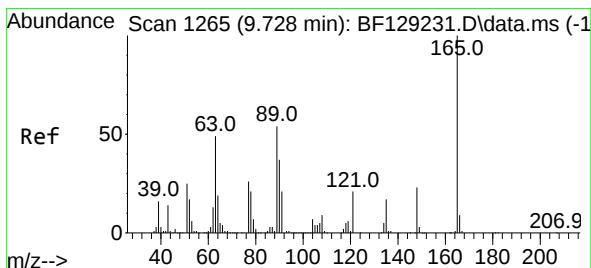
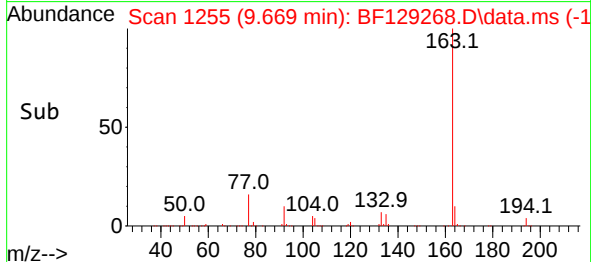
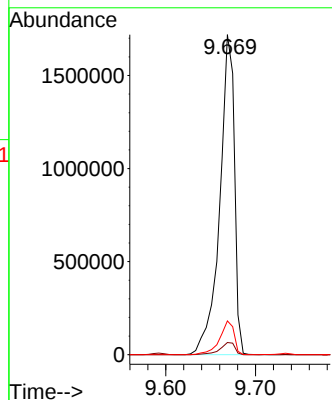
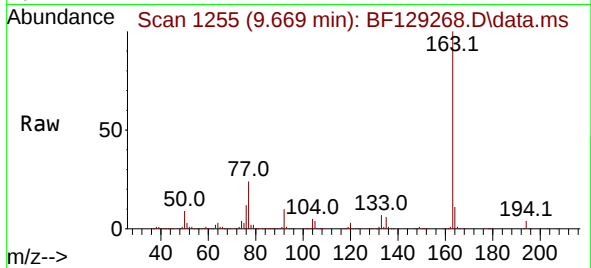




#50
Dimethylphthalate
Concen: 41.838 ng
RT: 9.669 min Scan# 1255
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

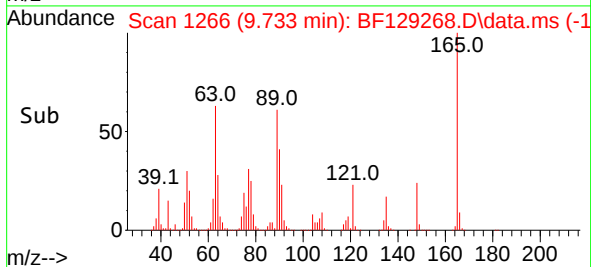
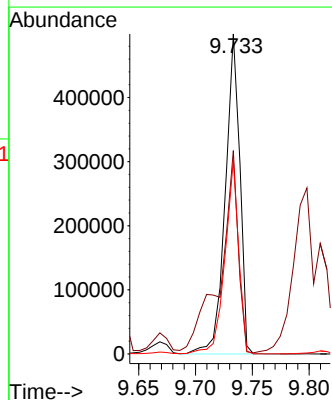
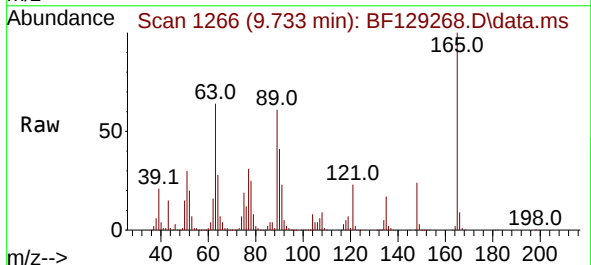
Instrument :
BNA_F
ClientSampleId :
PB146273BS

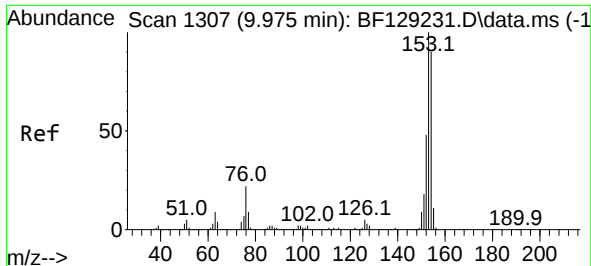
Tgt Ion:163 Resp: 1956695
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.6 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 43.886 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Tgt Ion:165 Resp: 444132
Ion Ratio Lower Upper
165 100
63 63.5 44.9 67.3
89 60.6 43.6 65.4





#52

Acenaphthene

Concen: 38.086 ng

RT: 9.986 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

Instrument :

BNA_F

ClientSampleId :

PB146273BS

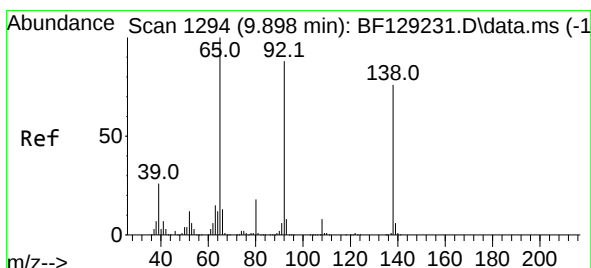
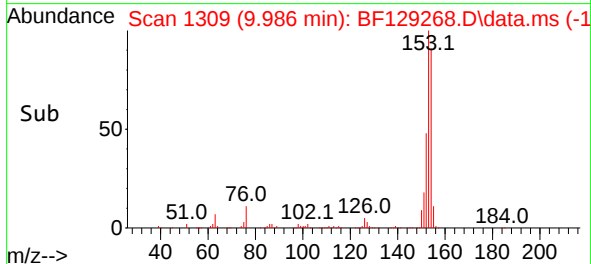
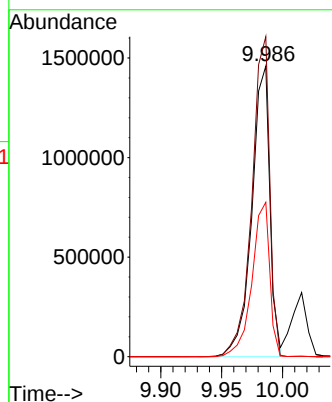
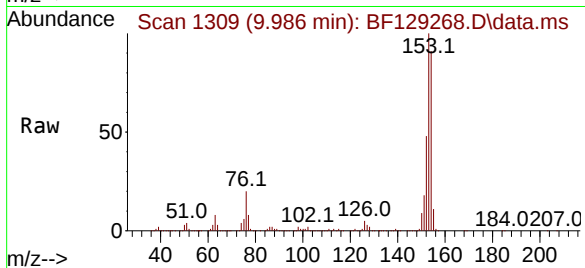
Tgt Ion:154 Resp: 1504469

Ion Ratio Lower Upper

154 100

153 110.1 89.6 134.4

152 53.1 42.4 63.6



#53

3-Nitroaniline

Concen: 30.895 ng

RT: 9.904 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

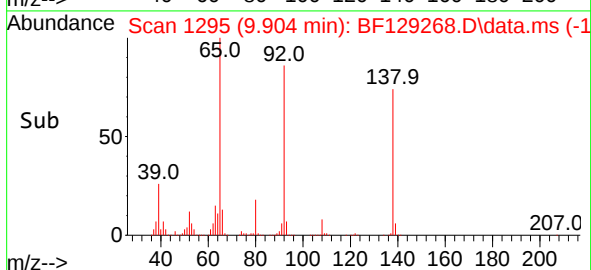
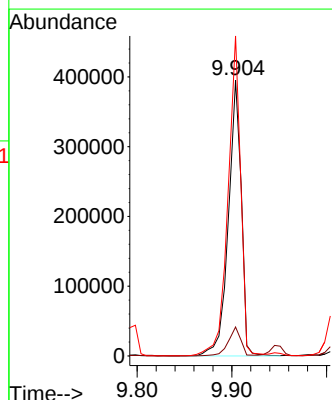
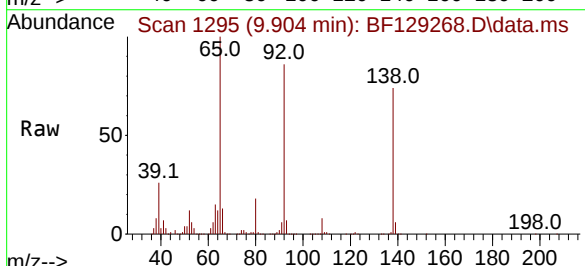
Tgt Ion:138 Resp: 373361

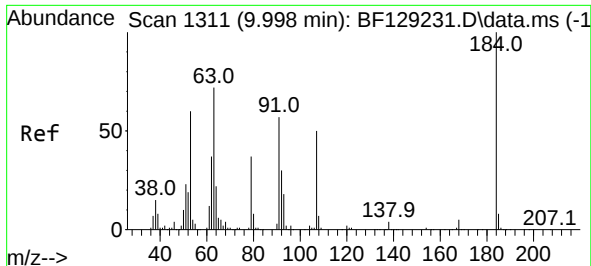
Ion Ratio Lower Upper

138 100

108 10.5 10.9 16.3#

92 116.0 98.2 147.2

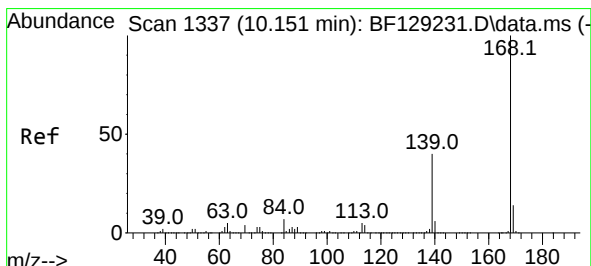
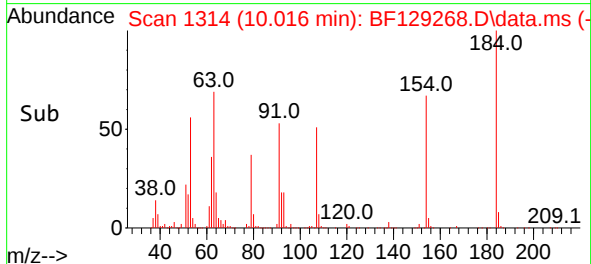
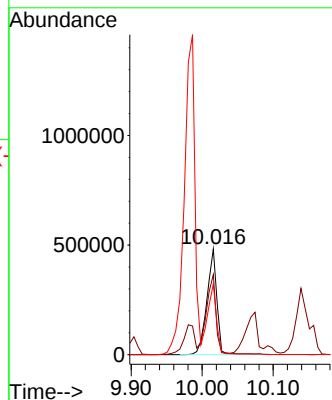
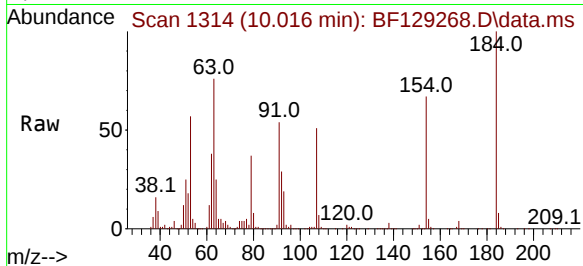




#54
2,4-Dinitrophenol
Concen: 88.212 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

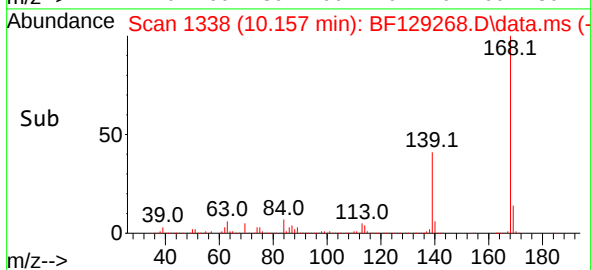
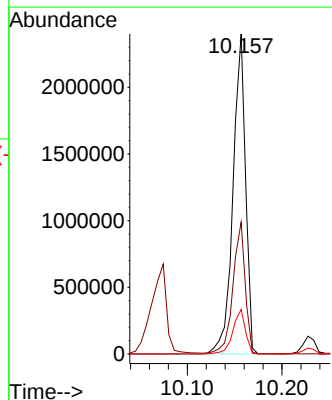
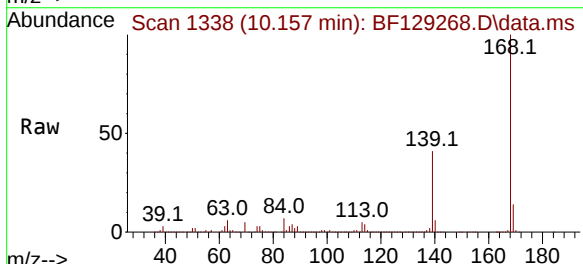
Instrument :
BNA_F
ClientSampleId :
PB146273BS

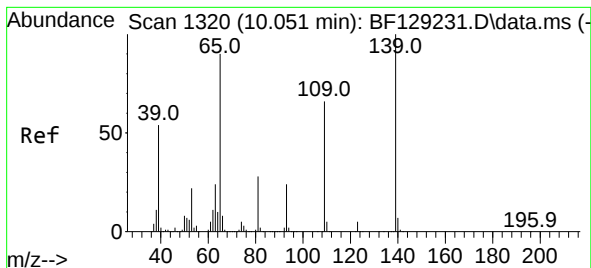
Tgt Ion:184 Resp: 478457
Ion Ratio Lower Upper
184 100
63 75.8 64.5 96.7
154 66.8 50.6 75.8



#55
Dibenzofuran
Concen: 39.441 ng
RT: 10.157 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Tgt Ion:168 Resp: 2211641
Ion Ratio Lower Upper
168 100
139 41.2 30.6 46.0
169 13.9 11.0 16.6

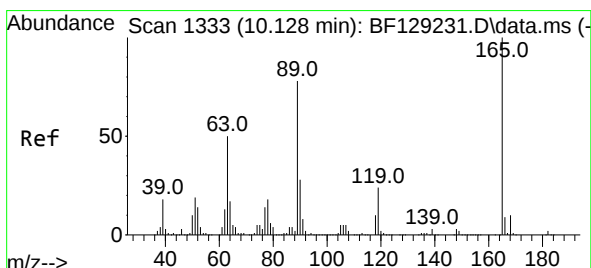
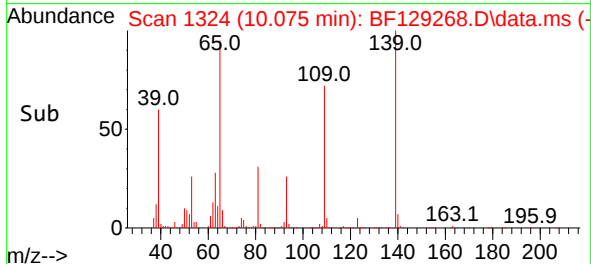
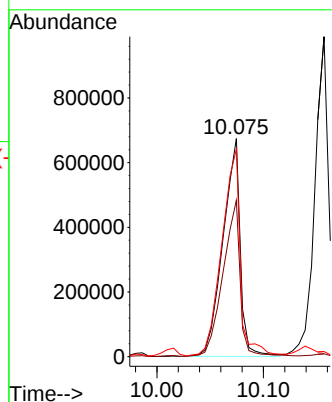
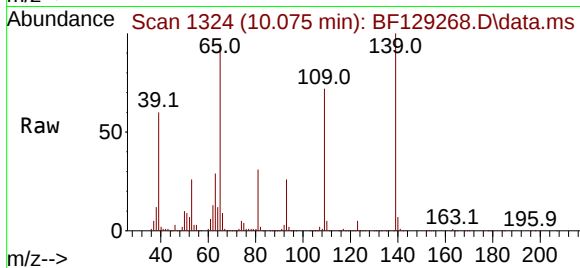




#56
4-Nitrophenol
Concen: 79.414 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.023 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

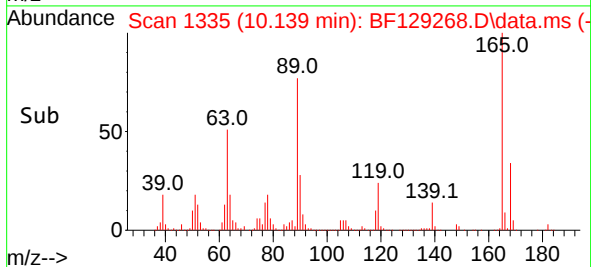
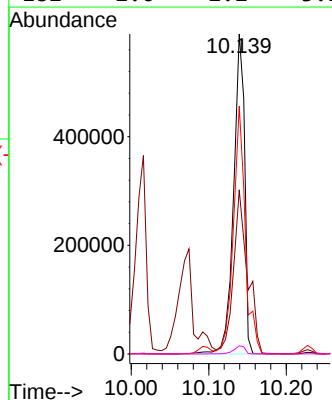
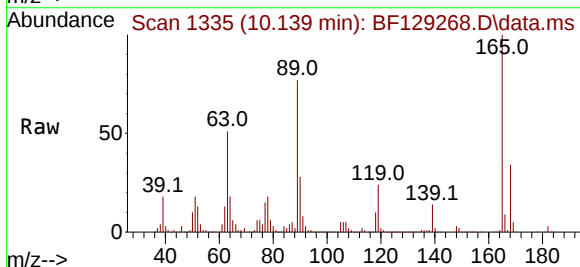
Instrument :
BNA_F
ClientSampleId :
PB146273BS

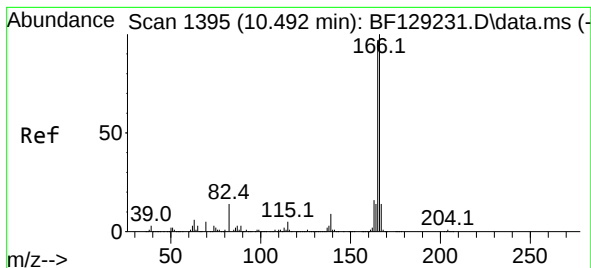
Tgt Ion:139 Resp: 759602
Ion Ratio Lower Upper
139 100
109 71.7 50.7 90.7
65 95.1 74.5 114.5



#57
2,4-Dinitrotoluene
Concen: 43.941 ng
RT: 10.139 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Tgt Ion:165 Resp: 583131
Ion Ratio Lower Upper
165 100
63 51.3 39.8 59.6
89 77.4 60.2 90.2
182 2.6 2.2 3.2





#58

Fluorene

Concen: 40.438 ng

RT: 10.498 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

Instrument :

BNA_F

ClientSampleId :

PB146273BS

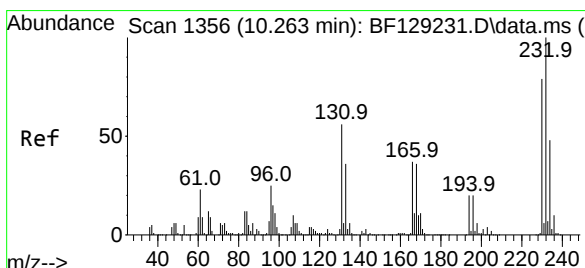
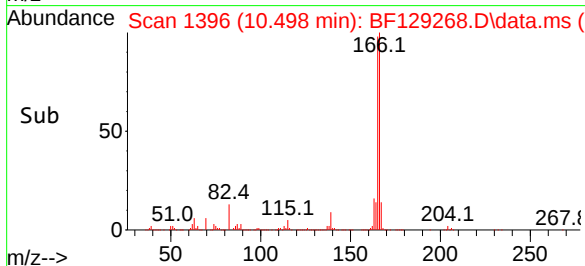
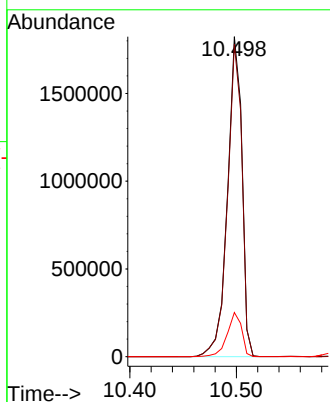
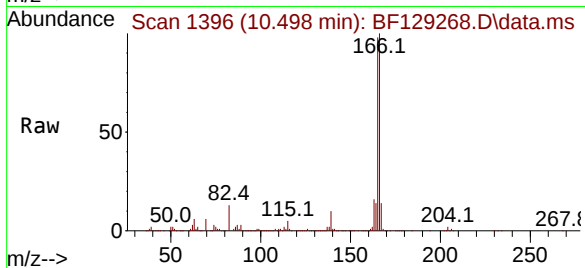
Tgt Ion:166 Resp: 1724661

Ion Ratio Lower Upper

166 100

165 97.6 78.1 117.1

167 13.8 10.5 15.7



#59

2,3,4,6-Tetrachlorophenol

Concen: 41.237 ng

RT: 10.275 min Scan# 1358

Delta R.T. 0.012 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

Tgt Ion:232 Resp: 444592

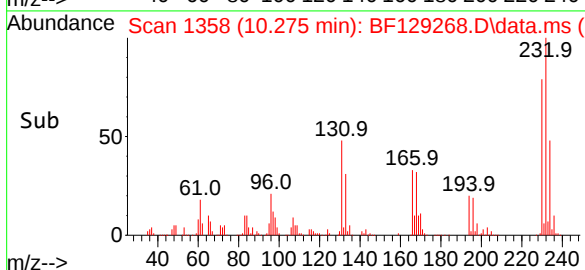
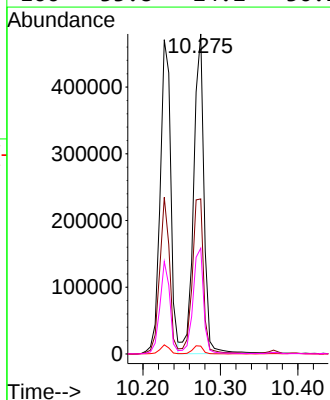
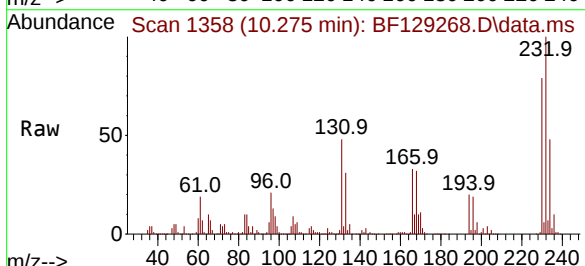
Ion Ratio Lower Upper

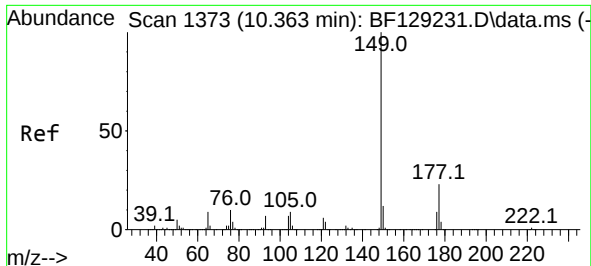
232 100

131 52.1 36.1 54.1

130 2.7 1.8 2.8

166 33.8 24.2 36.2

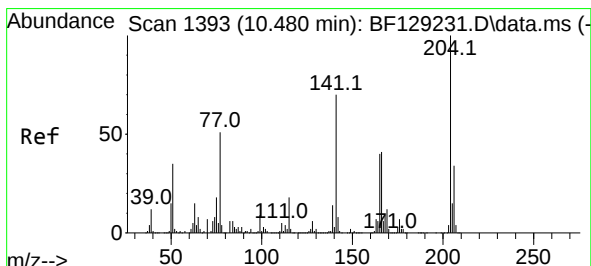
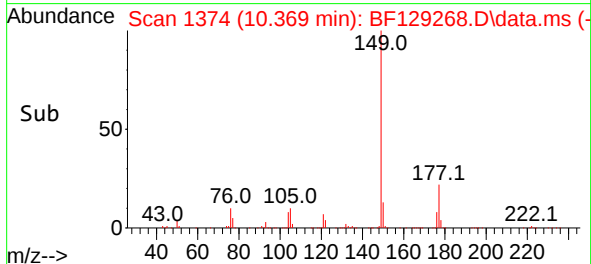
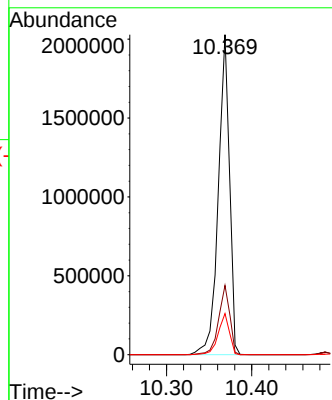
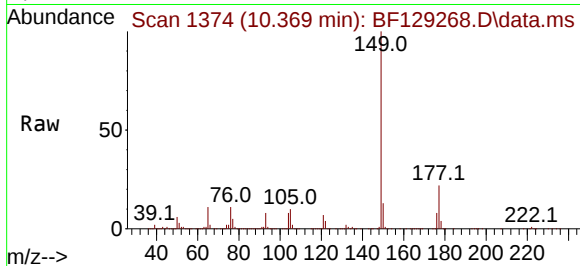




#60
Diethylphthalate
Concen: 40.888 ng
RT: 10.369 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

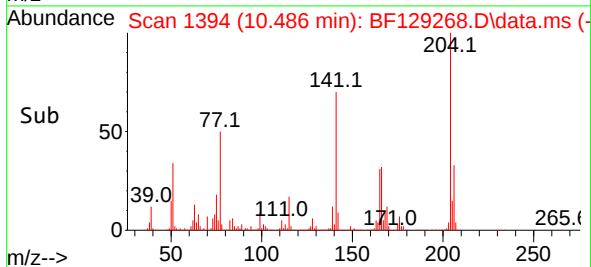
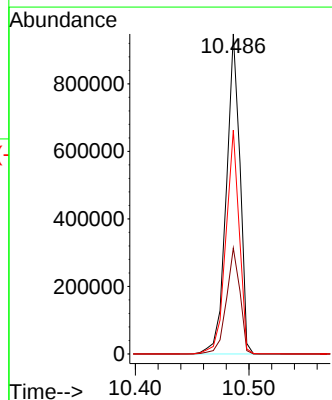
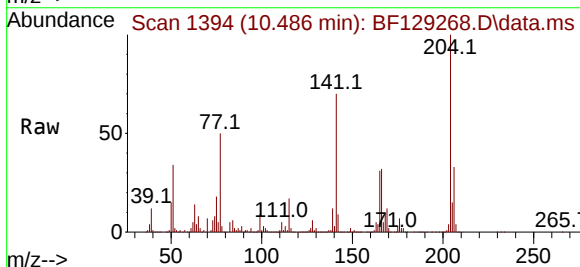
Instrument :
BNA_F
ClientSampleId :
PB146273BS

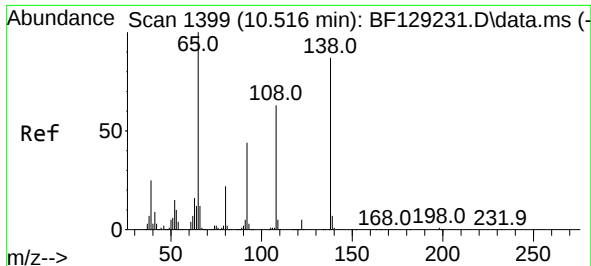
Tgt Ion:149 Resp: 1849269
Ion Ratio Lower Upper
149 100
177 21.7 17.3 25.9
150 12.9 10.2 15.2



#61
4-Chlorophenyl-phenylether
Concen: 39.936 ng
RT: 10.486 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Tgt Ion:204 Resp: 789027
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 70.0 47.0 70.4

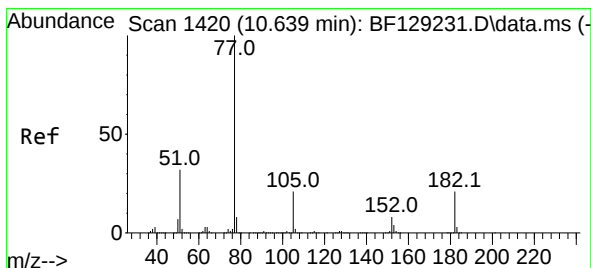
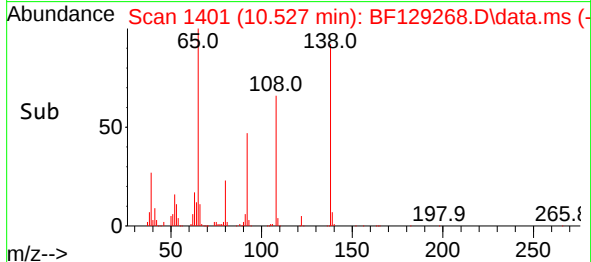
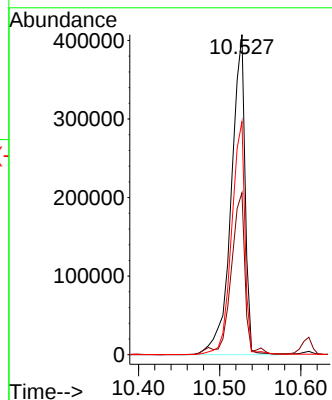
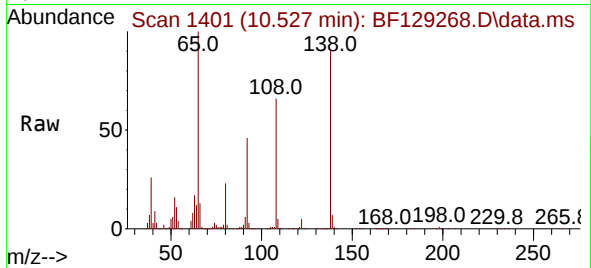




#62
4-Nitroaniline
Concen: 40.501 ng
RT: 10.527 min Scan# 1401
Delta R.T. 0.012 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

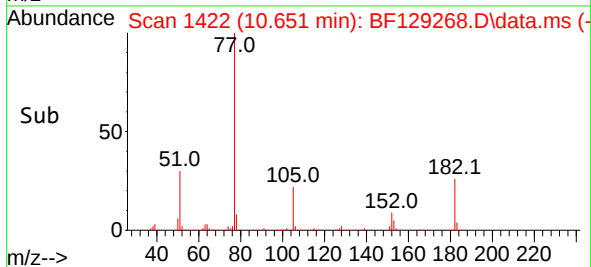
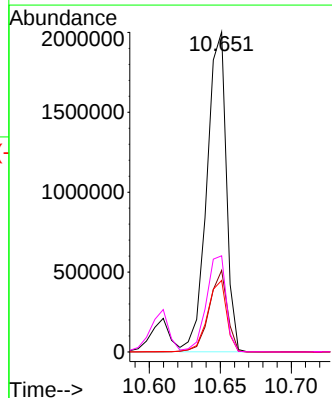
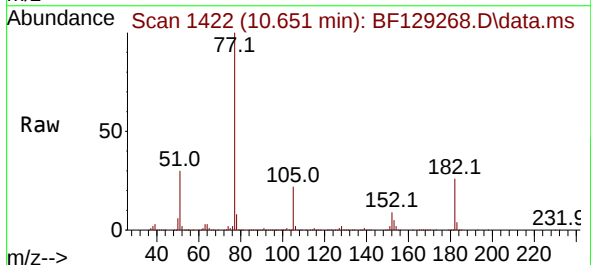
Instrument :
BNA_F
ClientSampleId :
PB146273BS

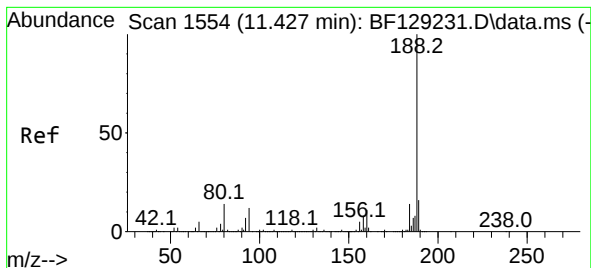
Tgt Ion:138 Resp: 484567
Ion Ratio Lower Upper
138 100
92 50.6 33.5 73.5
108 72.8 61.0 101.0



#63
Azobenzene
Concen: 39.274 ng
RT: 10.651 min Scan# 1422
Delta R.T. 0.012 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Tgt Ion: 77 Resp: 1896092
Ion Ratio Lower Upper
77 100
182 25.5 5.6 45.6
105 22.3 1.6 41.6
51 30.1 15.1 55.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

Instrument :

BNA_F

ClientSampleId :

PB146273BS

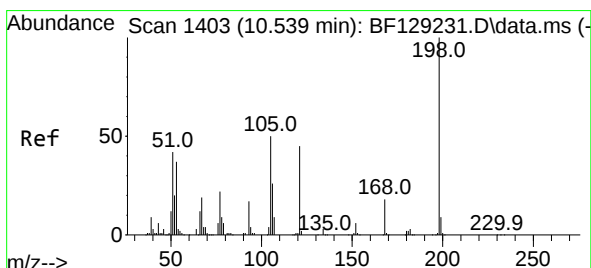
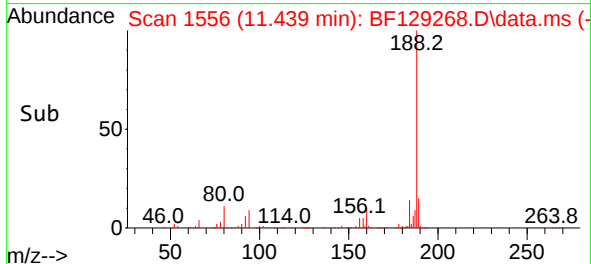
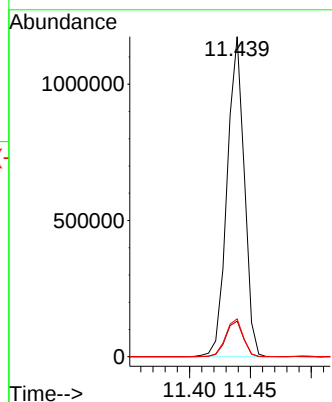
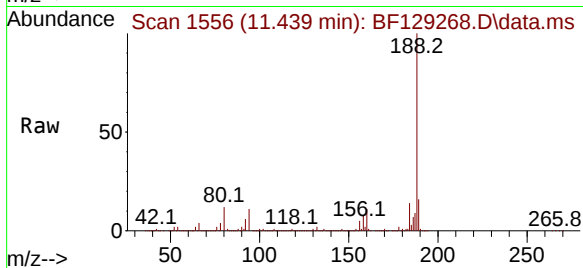
Tgt Ion:188 Resp: 1152665

Ion Ratio Lower Upper

188 100

94 11.1 7.0 10.6#

80 11.8 7.6 11.4#



#65

4,6-Dinitro-2-methylphenol

Concen: 40.671 ng

RT: 10.551 min Scan# 1405

Delta R.T. 0.012 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

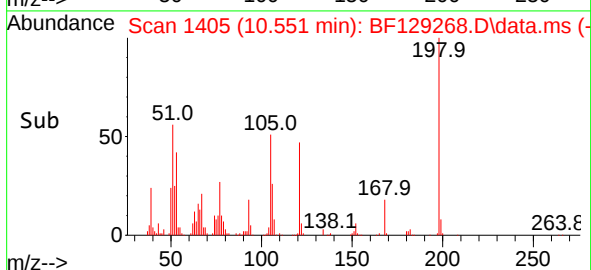
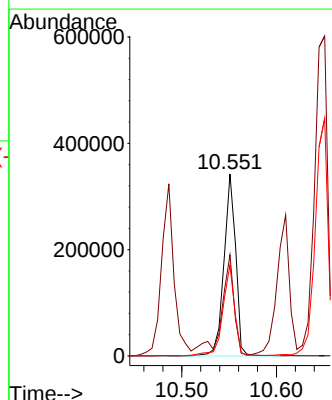
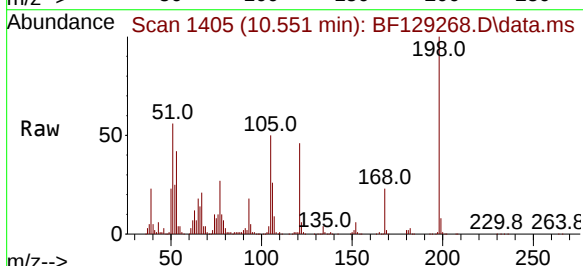
Tgt Ion:198 Resp: 296201

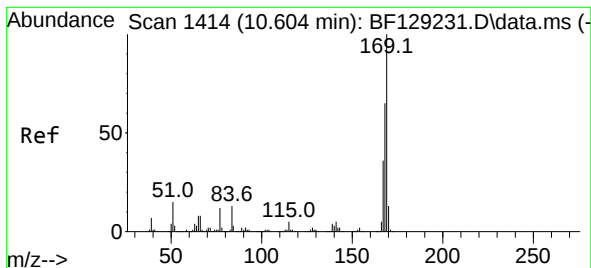
Ion Ratio Lower Upper

198 100

51 55.6 37.6 77.6

105 50.0 27.0 67.0

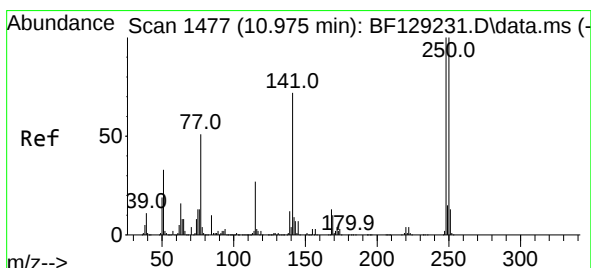
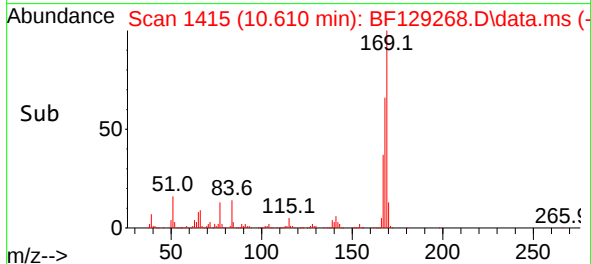
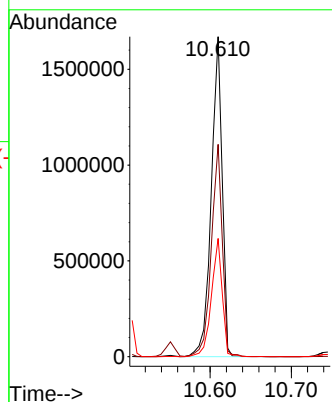
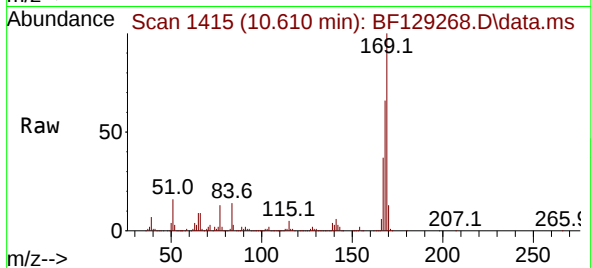




#66
n-Nitrosodiphenylamine
Concen: 42.194 ng
RT: 10.610 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

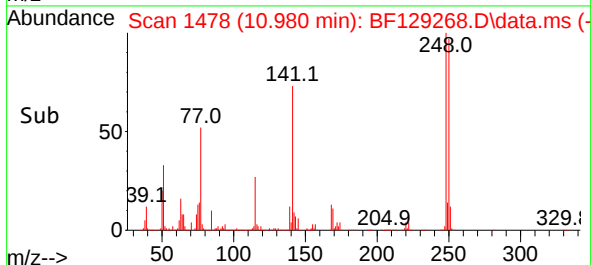
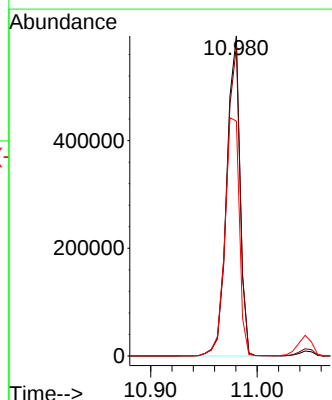
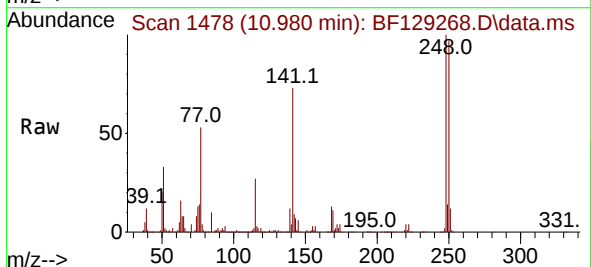
Instrument :
BNA_F
ClientSampleId :
PB146273BS

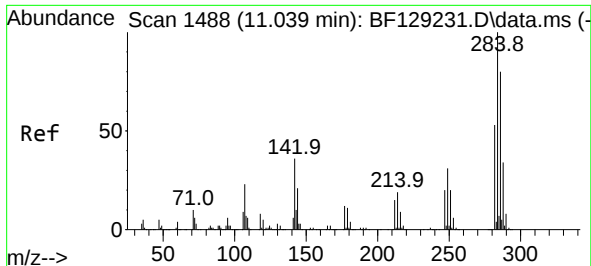
Tgt Ion:169 Resp: 1551753
Ion Ratio Lower Upper
169 100
168 66.3 50.1 75.1
167 37.0 27.9 41.9



#67
4-Bromophenyl-phenylether
Concen: 42.436 ng
RT: 10.980 min Scan# 1478
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Tgt Ion:248 Resp: 514907
Ion Ratio Lower Upper
248 100
250 96.6 80.6 120.8
141 73.4 58.9 88.3

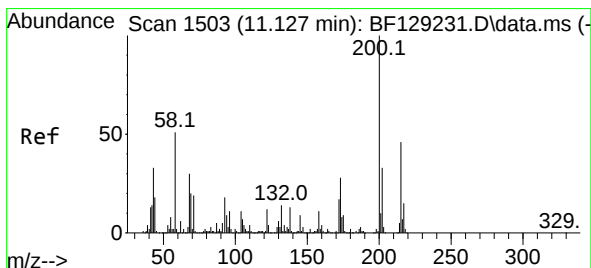
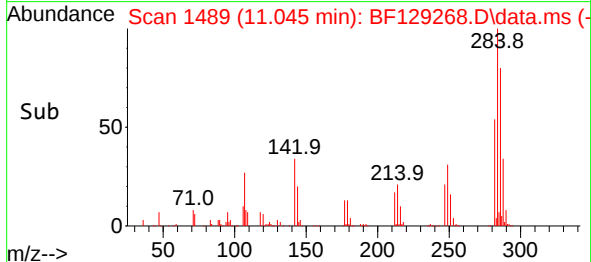
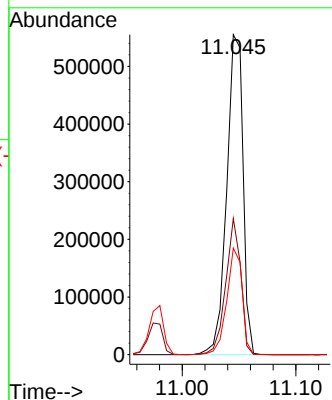
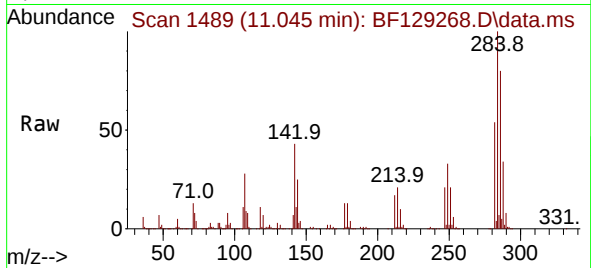




#68
Hexachlorobenzene
Concen: 43.568 ng
RT: 11.045 min Scan# 1488
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

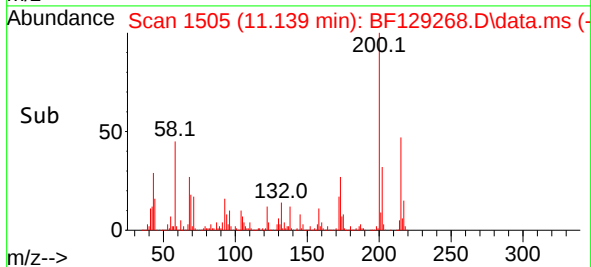
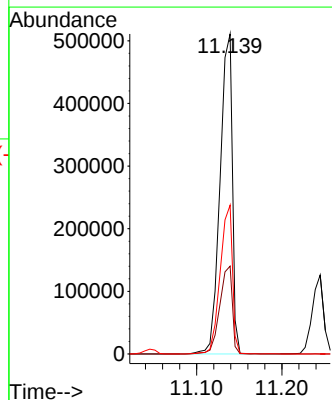
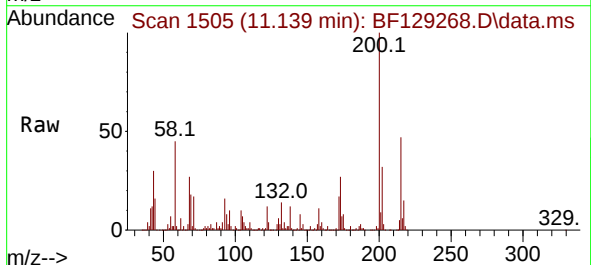
Instrument :
BNA_F
ClientSampleId :
PB146273BS

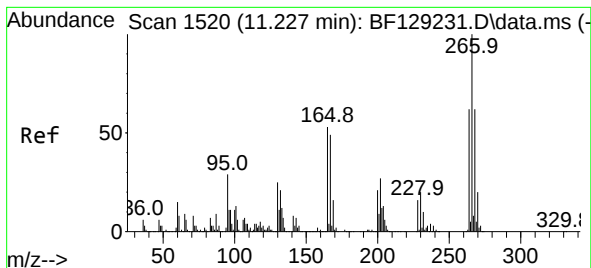
Tgt Ion:284 Resp: 554902
Ion Ratio Lower Upper
284 100
142 42.6 29.0 43.4
249 33.3 25.0 37.6



#69
Atrazine
Concen: 50.135 ng
RT: 11.139 min Scan# 1505
Delta R.T. 0.012 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Tgt Ion:200 Resp: 511150
Ion Ratio Lower Upper
200 100
173 27.4 6.3 46.3
215 46.5 28.3 68.3





#70

Pentachlorophenol

Concen: 80.617 ng

RT: 11.245 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

Instrument :

BNA_F

ClientSampleId :

PB146273BS

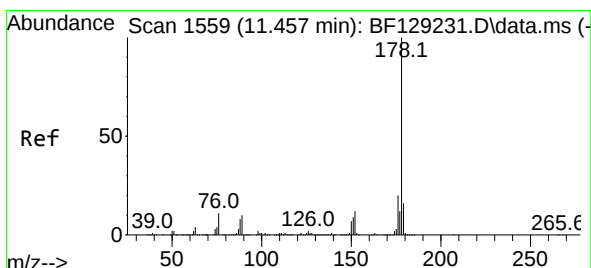
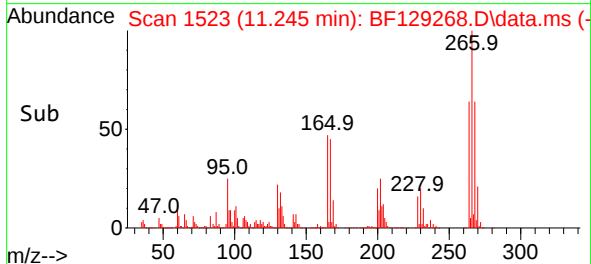
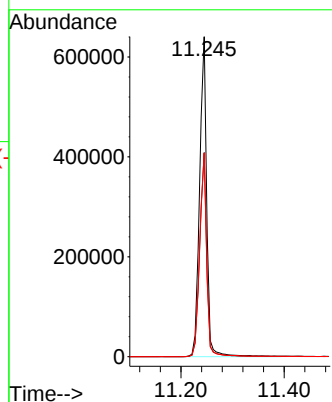
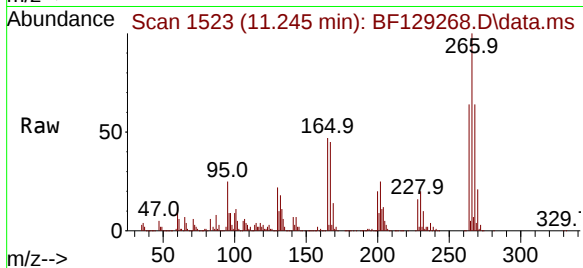
Tgt Ion:266 Resp: 610572

Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.4

264 63.6 49.4 74.2



#71

Phenanthrene

Concen: 40.859 ng

RT: 11.469 min Scan# 1561

Delta R.T. 0.012 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

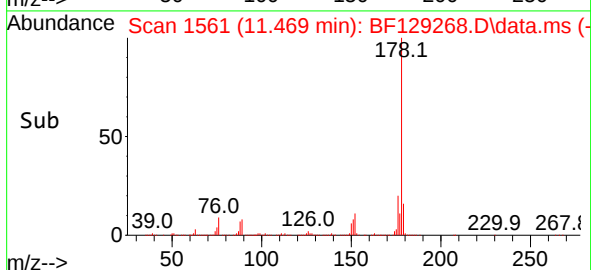
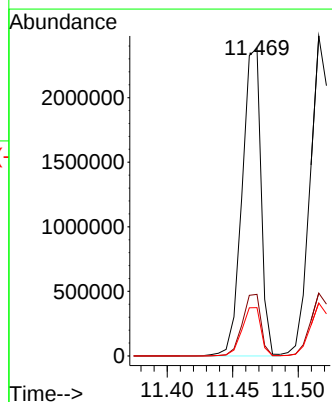
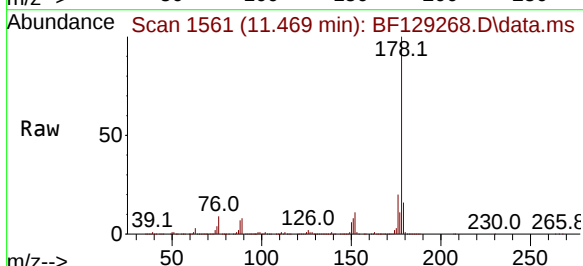
Tgt Ion:178 Resp: 2391128

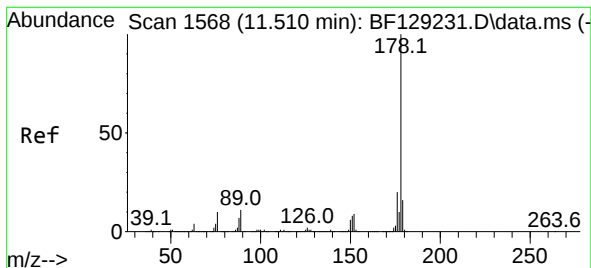
Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

179 15.7 12.6 19.0





#72

Anthracene

Concen: 41.733 ng

RT: 11.516 min Scan# 1568

Delta R.T. 0.006 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

Instrument :

BNA_F

ClientSampleId :

PB146273BS

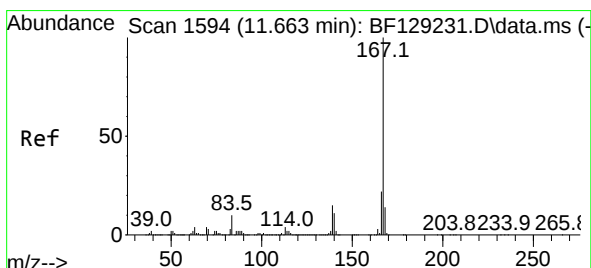
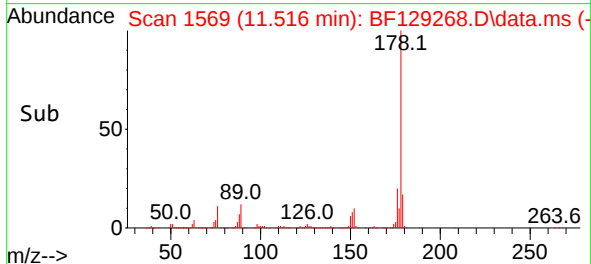
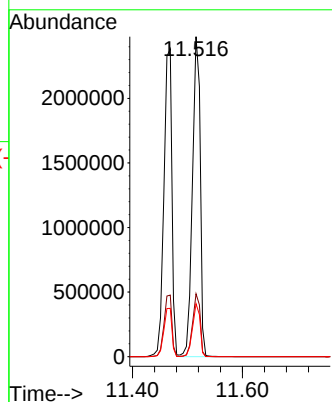
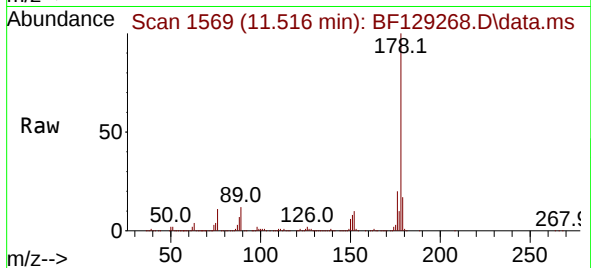
Tgt Ion:178 Resp: 2426067

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

179 16.6 12.6 19.0



#73

Carbazole

Concen: 39.572 ng

RT: 11.674 min Scan# 1596

Delta R.T. 0.012 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

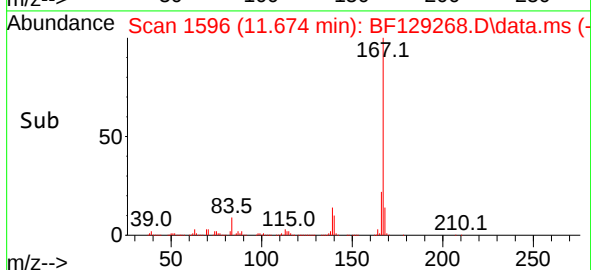
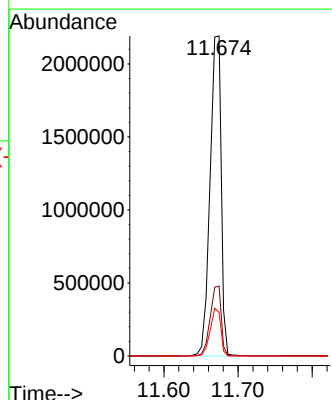
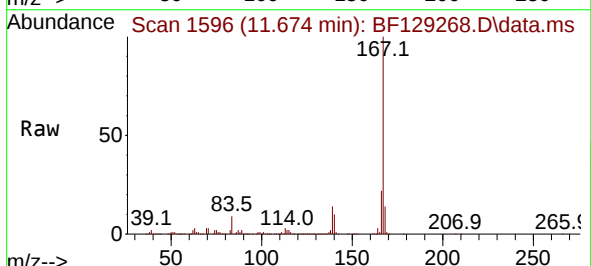
Tgt Ion:167 Resp: 2294631

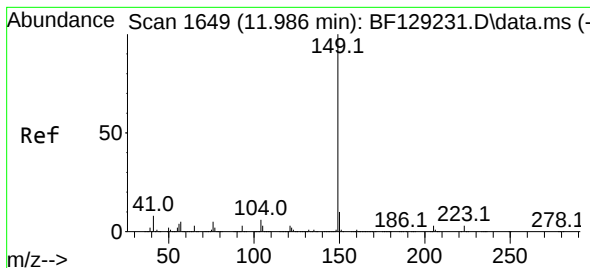
Ion Ratio Lower Upper

167 100

166 21.8 17.7 26.5

139 13.6 11.2 16.8

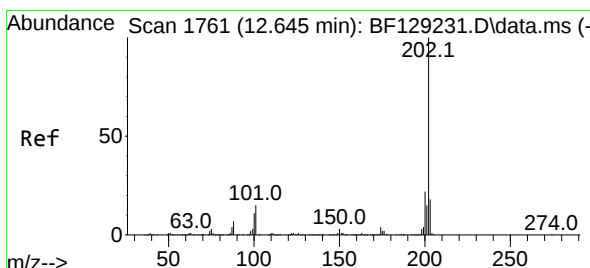
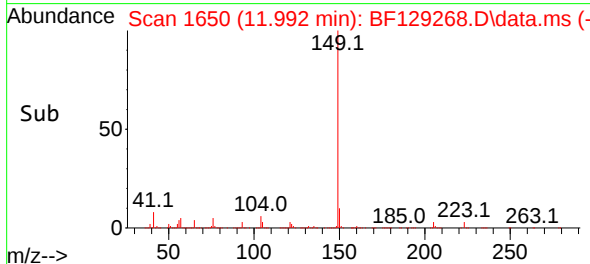
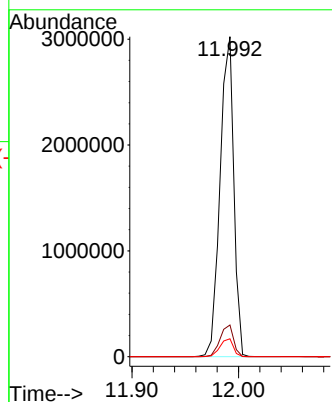
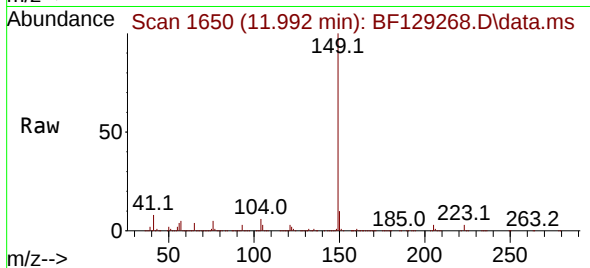




#74
Di-n-butylphthalate
Concen: 40.559 ng
RT: 11.992 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

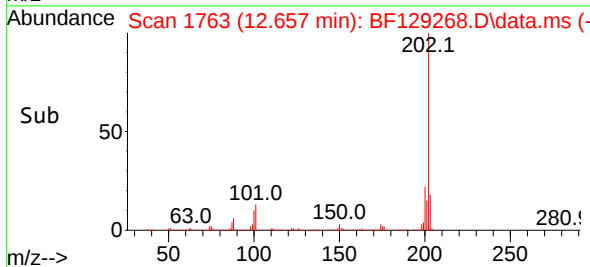
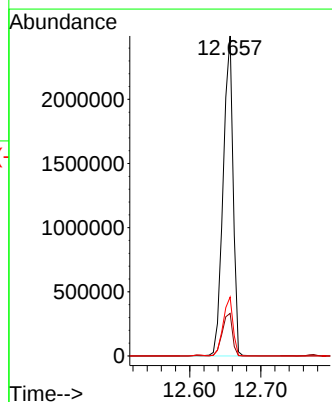
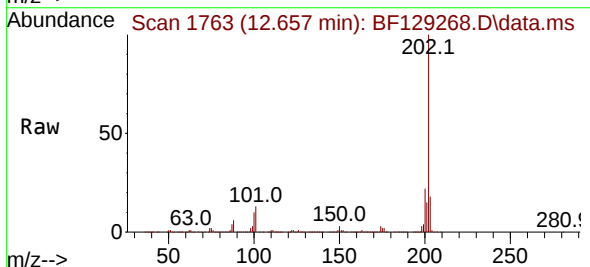
Instrument :
BNA_F
ClientSampleId :
PB146273BS

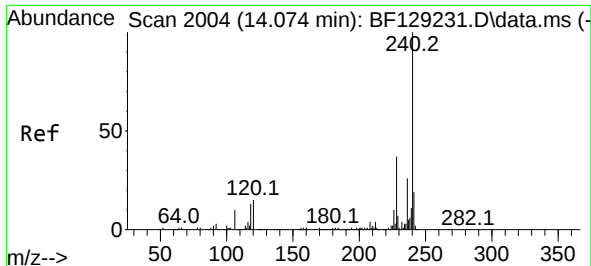
Tgt Ion:149 Resp: 2702745
Ion Ratio Lower Upper
149 100
150 9.9 7.5 11.3
104 5.6 4.4 6.6



#75
Fluoranthene
Concen: 41.229 ng
RT: 12.657 min Scan# 1763
Delta R.T. 0.012 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Tgt Ion:202 Resp: 2403008
Ion Ratio Lower Upper
202 100
101 13.3 0.0 31.4
203 18.4 0.0 38.0

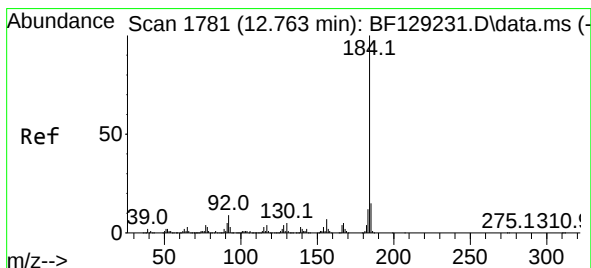
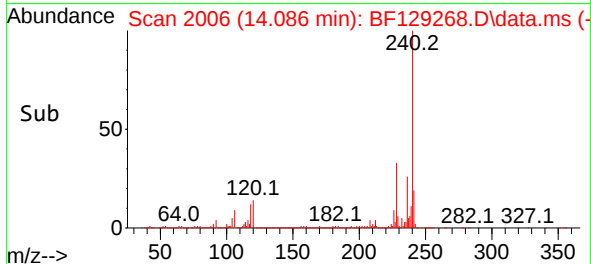
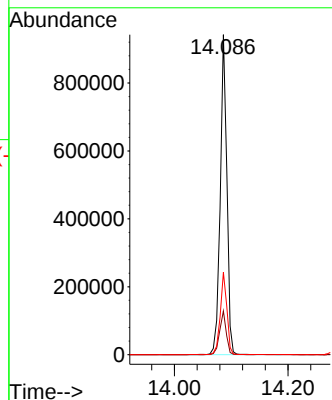
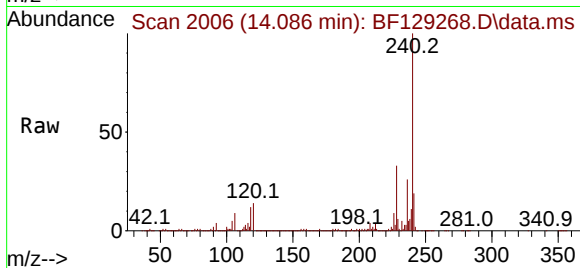




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

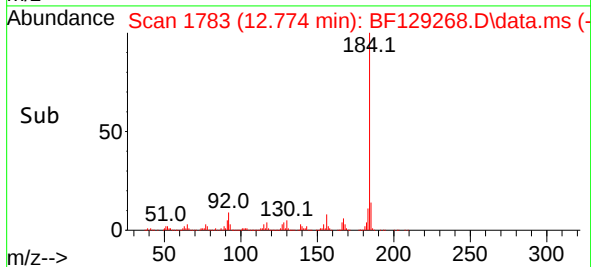
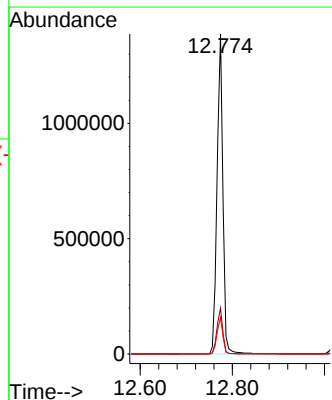
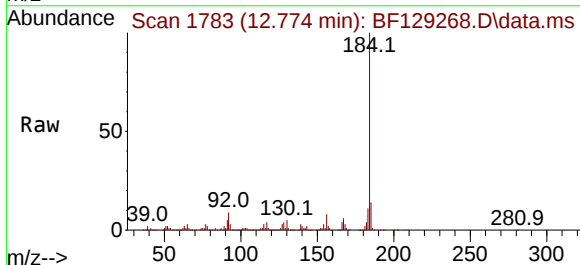
Instrument :
BNA_F
ClientSampleId :
PB146273BS

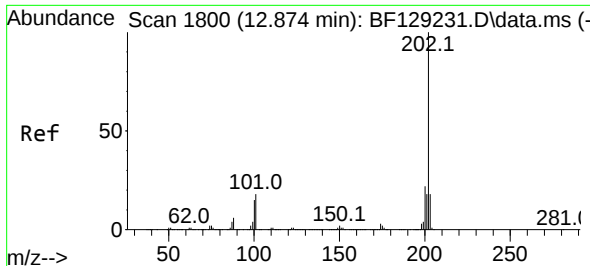
Tgt Ion:240 Resp: 756346
Ion Ratio Lower Upper
240 100
120 13.6 8.9 13.3#
236 25.8 20.8 31.2



#77
Benzidine
Concen: 57.519 ng
RT: 12.774 min Scan# 1783
Delta R.T. 0.012 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Tgt Ion:184 Resp: 1217753
Ion Ratio Lower Upper
184 100
185 14.3 11.9 17.9
183 11.3 9.3 13.9

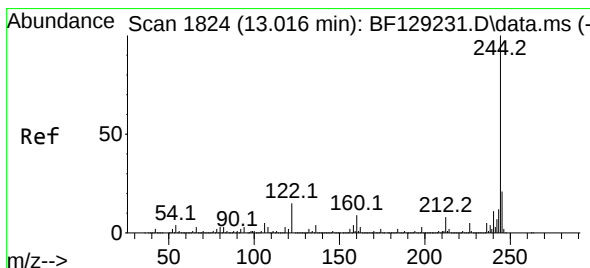
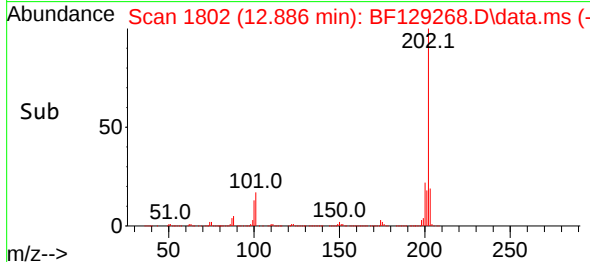
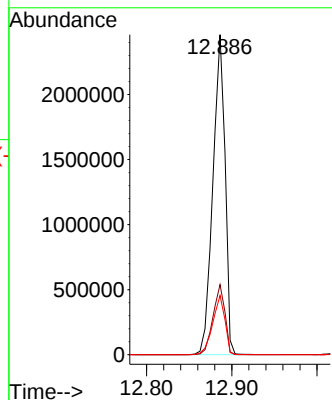
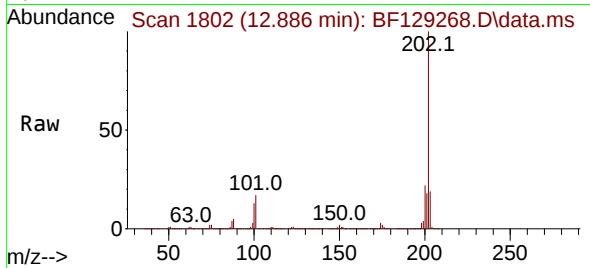




#78
Pyrene
Concen: 39.787 ng
RT: 12.886 min Scan# 1802
Delta R.T. 0.012 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

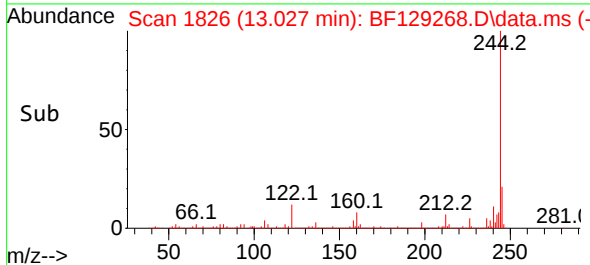
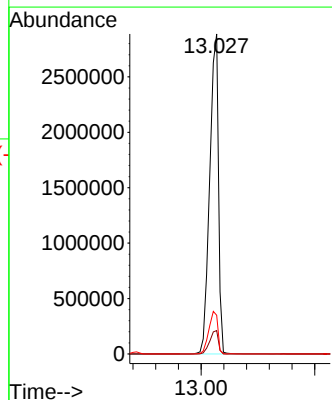
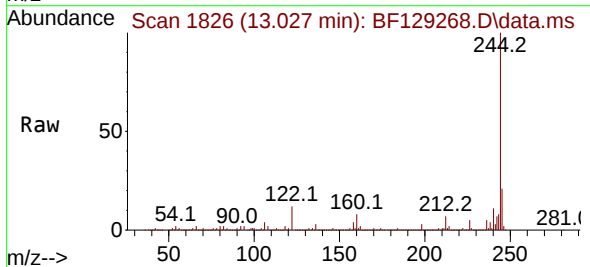
Instrument :
BNA_F
ClientSampleId :
PB146273BS

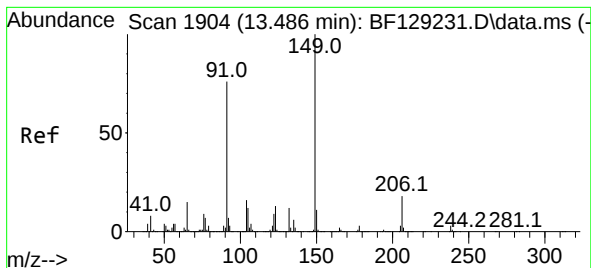
Tgt Ion:202 Resp: 2437359
Ion Ratio Lower Upper
202 100
200 21.9 17.7 26.5
203 18.5 14.6 21.8



#79
Terphenyl-d14
Concen: 75.658 ng
RT: 13.027 min Scan# 1826
Delta R.T. 0.012 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Tgt Ion:244 Resp: 3058968
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 12.1 8.8 13.2

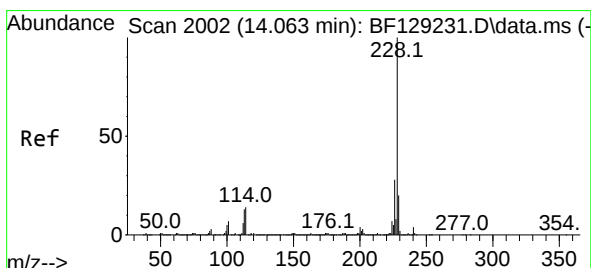
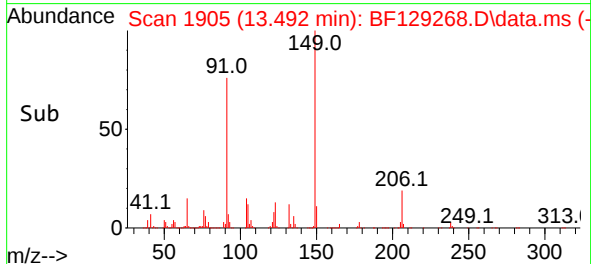
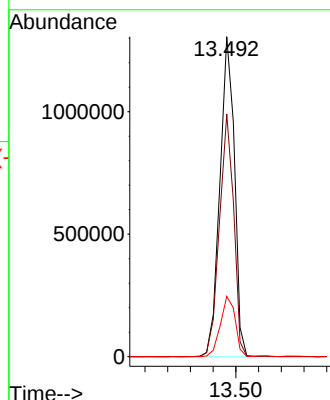
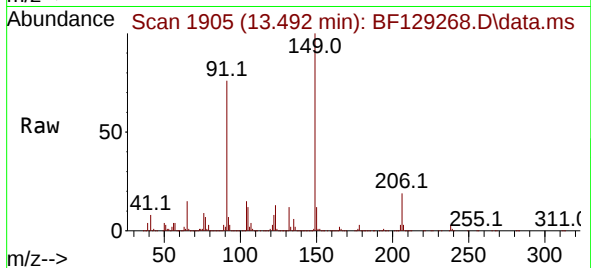




#80
Butylbenzylphthalate
Concen: 42.754 ng
RT: 13.492 min Scan# 1905
Delta R.T. 0.006 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

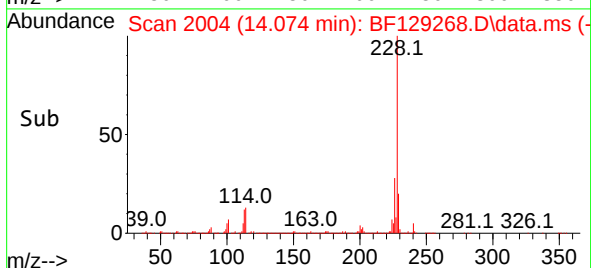
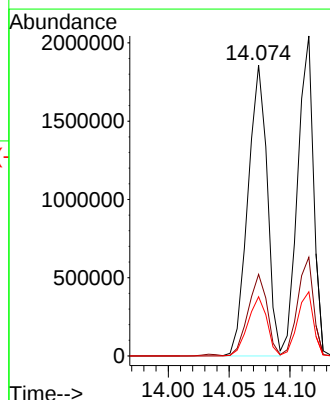
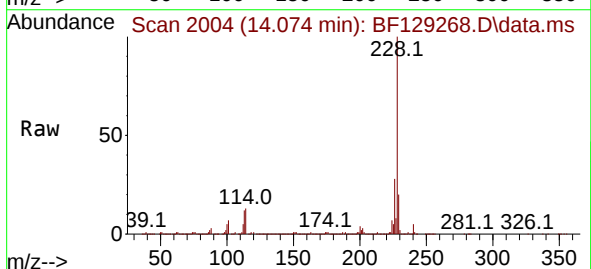
Instrument :
BNA_F
ClientSampleId :
PB146273BS

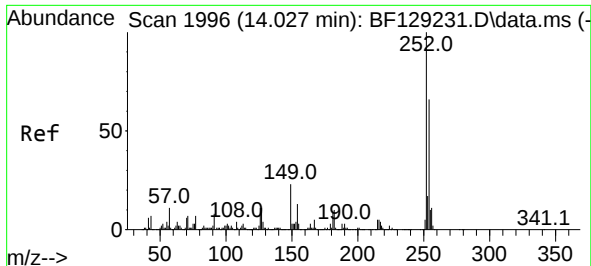
Tgt Ion:149 Resp: 1166602
Ion Ratio Lower Upper
149 100
91 75.8 61.2 91.8
206 18.9 15.7 23.5



#81
Benzo(a)anthracene
Concen: 42.992 ng
RT: 14.074 min Scan# 2004
Delta R.T. 0.012 min
Lab File: BF129268.D
Acq: 18 Jul 2022 15:23

Tgt Ion:228 Resp: 2051038
Ion Ratio Lower Upper
228 100
226 28.1 22.1 33.1
229 20.3 15.8 23.8

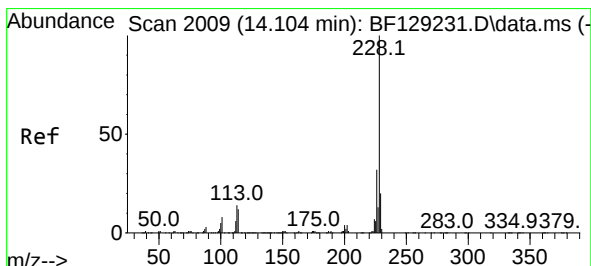
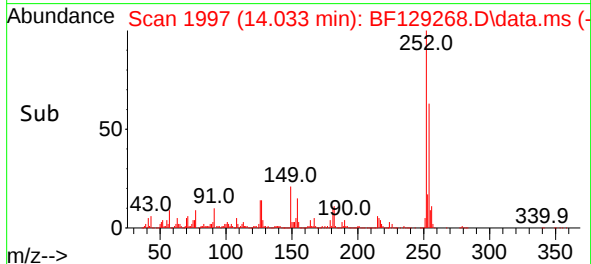
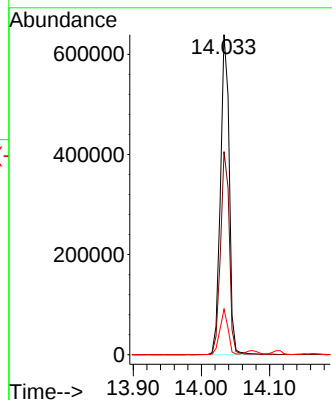
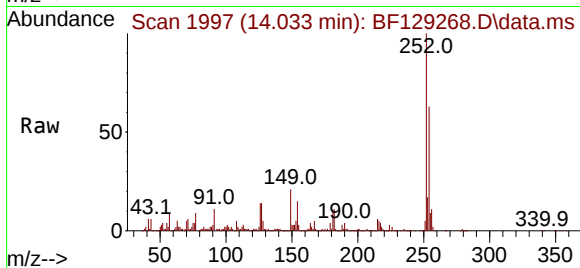




#82
 3,3'-Dichlorobenzidine
 Concen: 48.006 ng
 RT: 14.033 min Scan# 1996
 Delta R.T. 0.006 min
 Lab File: BF129268.D
 Acq: 18 Jul 2022 15:23

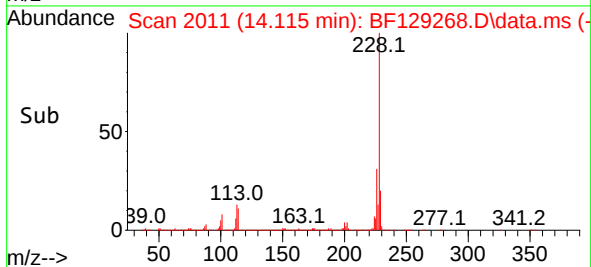
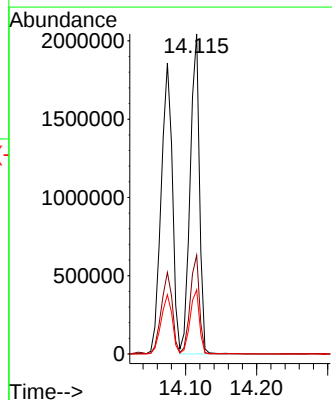
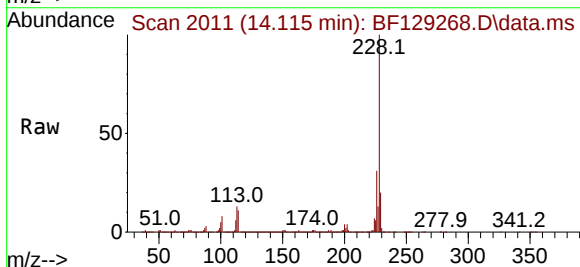
Instrument :
 BNA_F
 ClientSampleId :
 PB146273BS

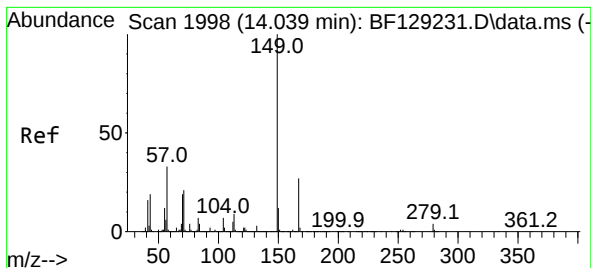
Tgt Ion:252 Resp: 572917
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.2 75.4
 126 14.2 8.2 12.4#



#83
 Chrysene
 Concen: 40.733 ng
 RT: 14.115 min Scan# 2011
 Delta R.T. 0.012 min
 Lab File: BF129268.D
 Acq: 18 Jul 2022 15:23

Tgt Ion:228 Resp: 1854899
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.3 36.5
 229 20.1 15.9 23.9

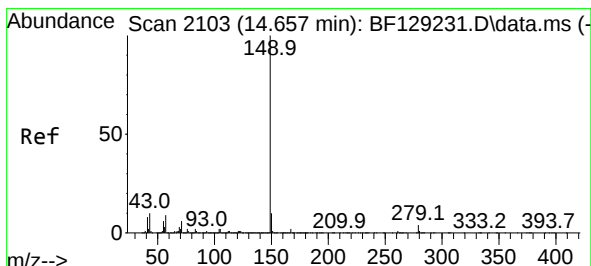
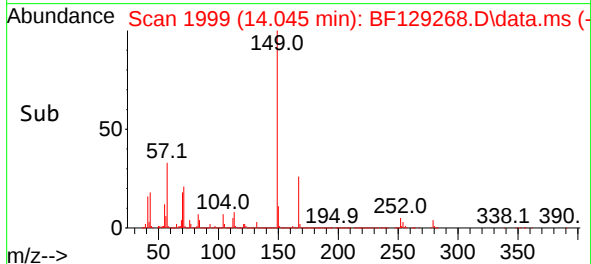
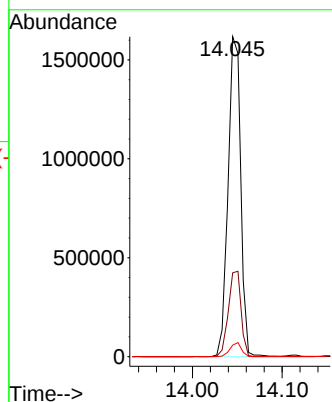
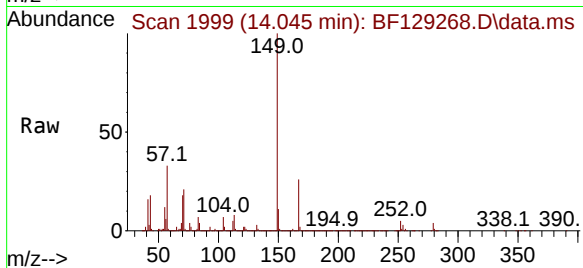




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.553 ng
 RT: 14.045 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: BF129268.D
 Acq: 18 Jul 2022 15:23

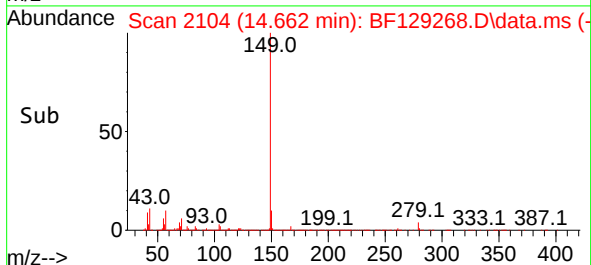
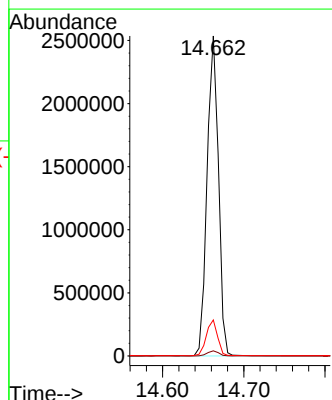
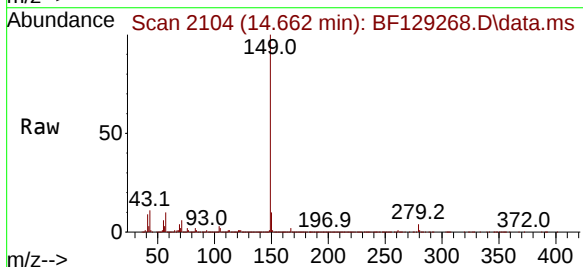
Instrument :
 BNA_F
 ClientSampleId :
 PB146273BS

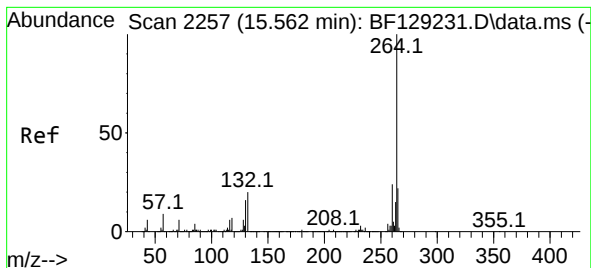
Tgt Ion:149 Resp: 1581317
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.0 31.4
 279 3.6 3.1 4.7



#85
 Di-n-octyl phthalate
 Concen: 47.060 ng
 RT: 14.662 min Scan# 2104
 Delta R.T. 0.006 min
 Lab File: BF129268.D
 Acq: 18 Jul 2022 15:23

Tgt Ion:149 Resp: 2450676
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.0 9.2 13.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

Instrument :

BNA_F

ClientSampleId :

PB146273BS

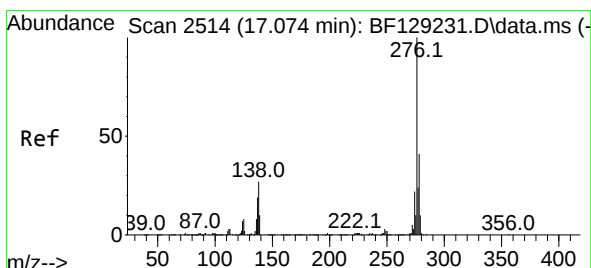
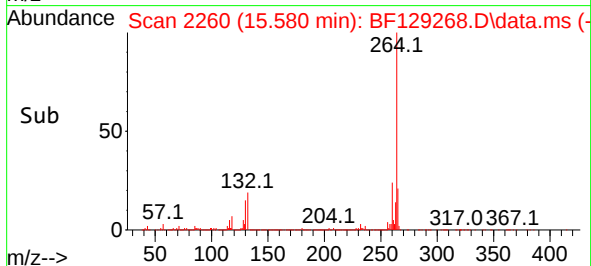
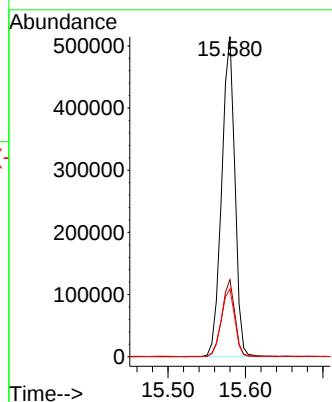
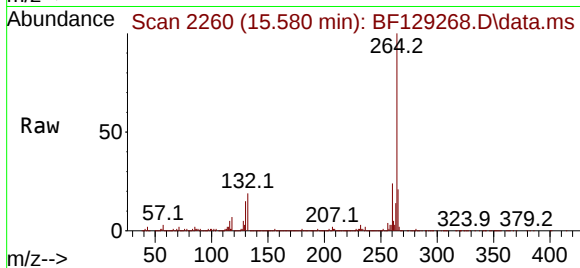
Tgt Ion:264 Resp: 612426

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 21.2 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 39.533 ng

RT: 17.103 min Scan# 2519

Delta R.T. 0.029 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

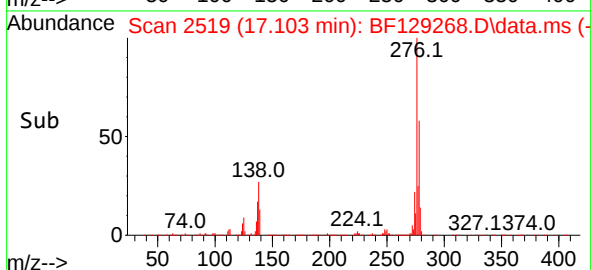
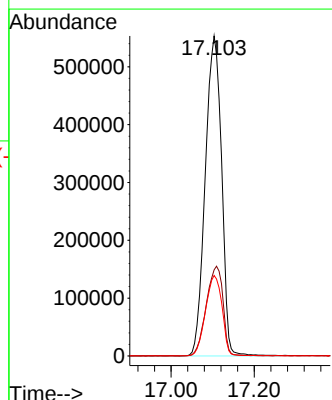
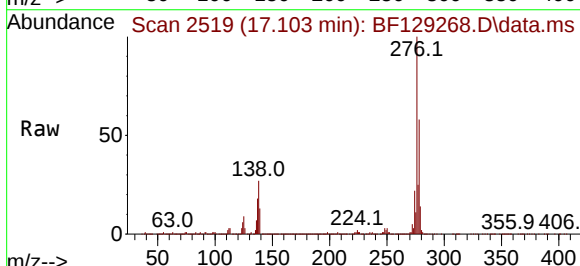
Tgt Ion:276 Resp: 1509689

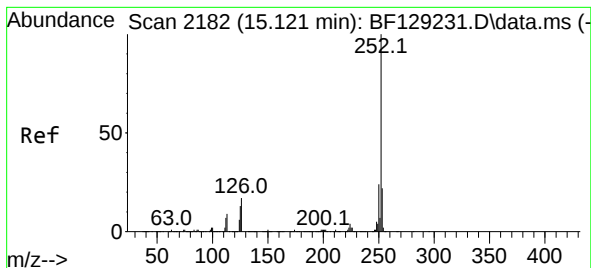
Ion Ratio Lower Upper

276 100

138 28.9 21.1 31.7

277 25.4 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 49.679 ng

RT: 15.139 min Scan# 2185

Delta R.T. 0.018 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

Instrument :

BNA_F

ClientSampleId :

PB146273BS

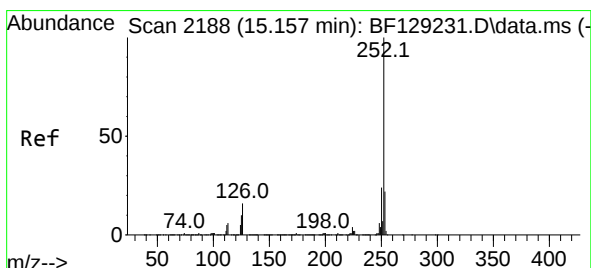
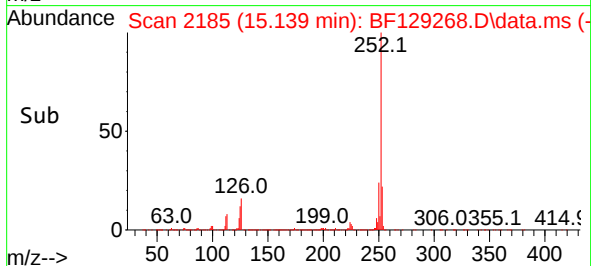
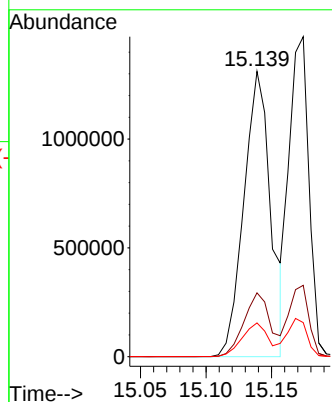
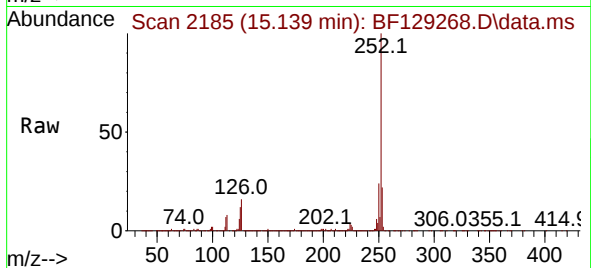
Tgt Ion:252 Resp: 1869106

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 11.8 8.0 12.0



#89

Benzo(k)fluoranthene

Concen: 42.327 ng

RT: 15.174 min Scan# 2191

Delta R.T. 0.018 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

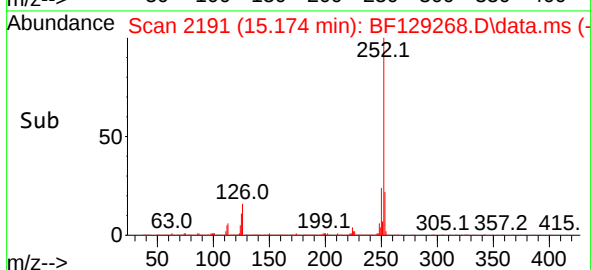
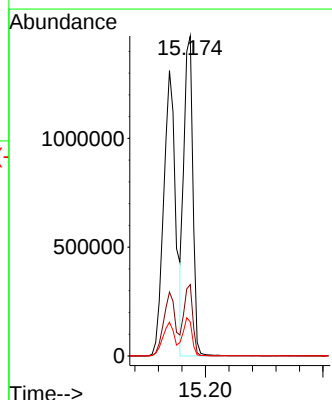
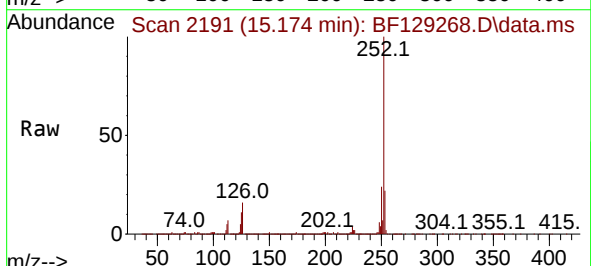
Tgt Ion:252 Resp: 1555868

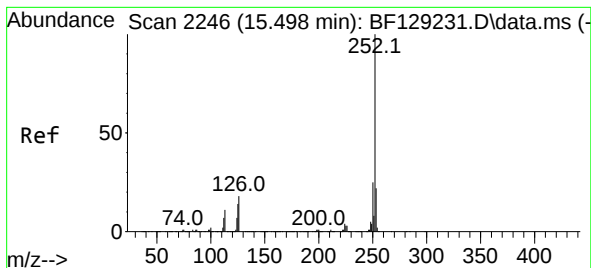
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 10.6 8.3 12.5





#90

Benzo(a)pyrene

Concen: 47.537 ng

RT: 15.515 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

Instrument :

BNA_F

ClientSampleId :

PB146273BS

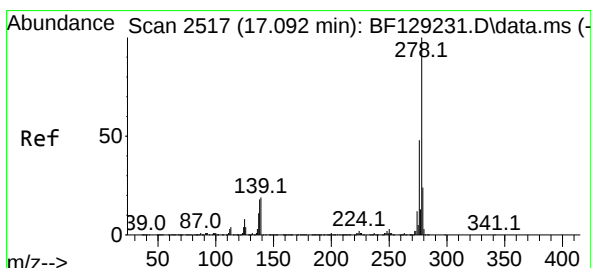
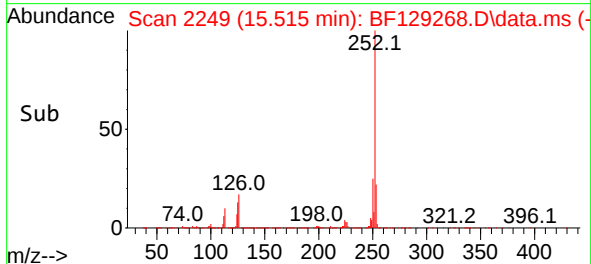
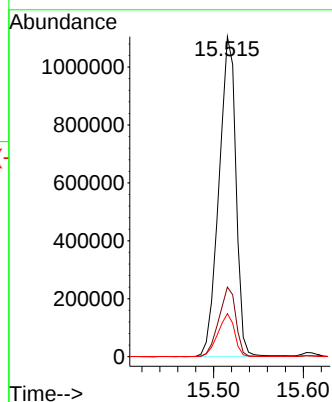
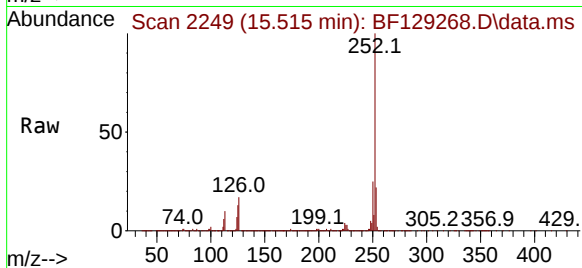
Tgt Ion:252 Resp: 1456006

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 13.5 8.8 13.2#



#91

Dibenzo(a,h)anthracene

Concen: 41.970 ng

RT: 17.121 min Scan# 2522

Delta R.T. 0.029 min

Lab File: BF129268.D

Acq: 18 Jul 2022 15:23

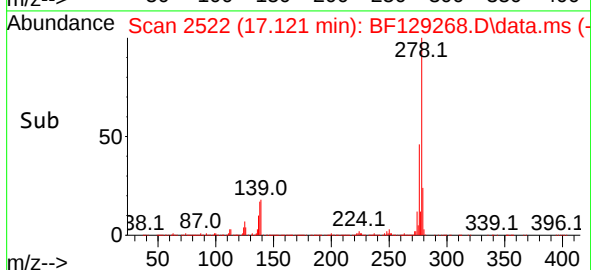
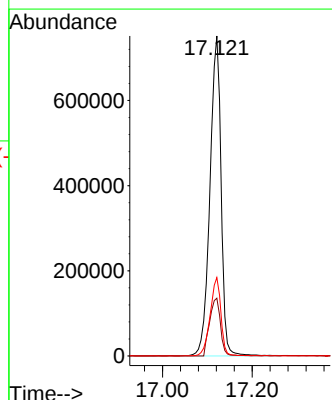
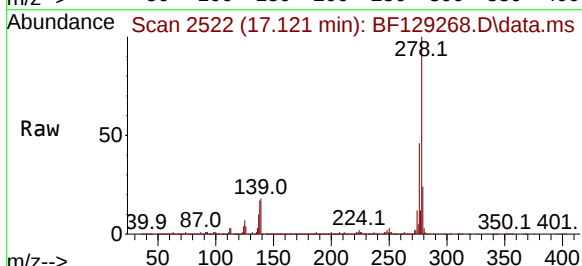
Tgt Ion:278 Resp: 1296436

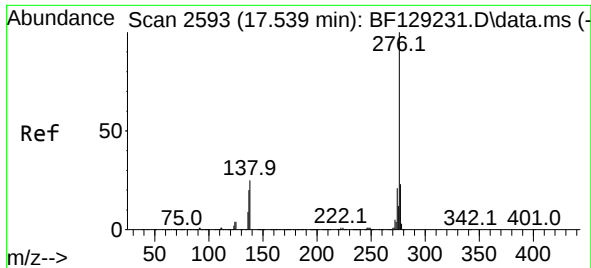
Ion Ratio Lower Upper

278 100

139 18.1 12.8 19.2

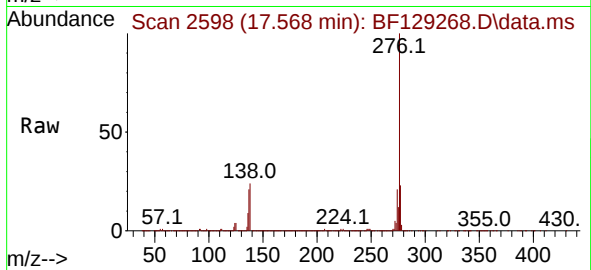
279 24.5 18.6 28.0





#92
 Benzo(g,h,i)perylene
 Concen: 41.592 ng
 RT: 17.568 min Scan# 21
 Delta R.T. 0.029 min
 Lab File: BF129268.D
 Acq: 18 Jul 2022 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB146273BS



Tgt Ion: 276 Resp: 1313302

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	24.3	18.0	27.0

