

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129953.D
 Acq On : 23 Aug 2022 14:49
 Operator : CG\JU
 Sample : N4258-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-21153MSD

Quant Time: Aug 24 01:53:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	118657	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	431790	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	175211	20.000	ng	0.02
64) Phenanthrene-d10	11.316	188	6714	20.000	ng	# 0.01
76) Chrysene-d12	13.998	240	216311	20.000	ng	# 0.05
86) Perylene-d12	15.421	264	245118	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1020493	142.396	ng	0.01
7) Phenol-d6	6.440	99	1256974	140.060	ng	0.00
23) Nitrobenzene-d5	7.351	82	793726	98.403	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	221393	125.898	ng	0.06
45) 2-Fluorobiphenyl	9.139	172	1209482	104.843	ng	0.00
79) Terphenyl-d14	12.951	244	895565	68.890	ng	0.06
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.522	88	133089	45.013	ng	95
3) Pyridine	3.293	79	352917	45.612	ng	97
4) n-Nitrosodimethylamine	3.246	42	207933	58.313	ng	92
6) Aniline	6.451	93	231528	22.635	ng	# 20
8) 2-Chlorophenol	6.575	128	417367	52.314	ng	96
9) Benzaldehyde	6.334	77	238619	51.599	ng	95
10) Phenol	6.451	94	507166	51.518	ng	85
11) bis(2-Chloroethyl)ether	6.516	93	399249	53.407	ng	97
12) 1,3-Dichlorobenzene	6.716	146	435014	50.507	ng	99
13) 1,4-Dichlorobenzene	6.793	146	442514	50.283	ng	99
14) 1,2-Dichlorobenzene	6.945	146	414059	50.659	ng	98
15) Benzyl Alcohol	6.934	79	367086	54.181	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.051	45	532024	53.112	ng	99
17) 2-Methylphenol	7.057	107	331024	51.674	ng	97
18) Hexachloroethane	7.281	117	171617	51.930	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	303945	53.580	ng	97
20) 3+4-Methylphenols	7.210	107	436203	50.727	ng	97
22) Acetophenone	7.198	105	610007	57.973	ng	98
24) Nitrobenzene	7.369	77	443028	54.470	ng	94
25) Isophorone	7.610	82	794074	57.198	ng	99
26) 2-Nitrophenol	7.687	139	212142	53.026	ng	96
27) 2,4-Dimethylphenol	7.734	122	345898	60.287	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	473515	58.416	ng	98
29) 2,4-Dichlorophenol	7.939	162	331564	52.850	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	325005	49.106	ng	98
31) Naphthalene	8.087	128	1104909	48.940	ng	100
32) Benzoic acid	7.892	122	175290	62.000	ng	# 78
33) 4-Chloroaniline	8.151	127	137861	15.528	ng	97
34) Hexachlorobutadiene	8.192	225	203515	50.499	ng	100
35) Caprolactam	8.528	113	101588	52.071	ng	# 58
36) 4-Chloro-3-methylphenol	8.645	107	358459	52.962	ng	98
37) 2-Methylnaphthalene	8.775	142	662540	44.713	ng	99
38) 1-Methylnaphthalene	8.875	142	614408	42.665	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	286283	58.747	ng	98
41) Hexachlorocyclopentadiene	8.922	237	177664	98.487	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	174291	55.047	ng	96

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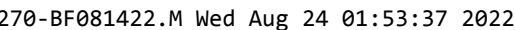
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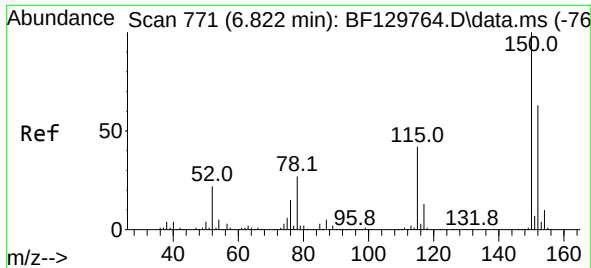
Quant Time: Aug 24 01:53:15 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	177242	52.032	ng	# 71
46) 1,1'-Biphenyl	9.245	154	751670	56.471	ng	99
47) 2-Chloronaphthalene	9.275	162	569320	54.057	ng	98
48) 2-Nitroaniline	9.381	65	205445	61.727	ng	91
49) Acenaphthylene	9.698	152	823717	51.577	ng	# 92
50) Dimethylphthalate	9.551	163	656101	52.236	ng	# 94
51) 2,6-Dinitrotoluene	9.622	165	150224	55.136	ng	90
52) Acenaphthene	9.875	154	430643	44.445	ng	95
53) 3-Nitroaniline	9.792	138	116486	38.660	ng	# 89
54) 2,4-Dinitrophenol	9.933	184	98718	80.128	ng	# 84
55) Dibenzofuran	10.045	168	666936	45.816	ng	89
56) 4-Nitrophenol	9.986	139	144219	107.588	ng	# 11
57) 2,4-Dinitrotoluene	10.045	165	211356	59.757	ng	# 71
58) Fluorene	10.416	166	499233	41.074	ng	# 71
59) 2,3,4,6-Tetrachlorophenol	10.192	232	86275	34.512	ng	# 1
60) Diethylphthalate	10.269	149	565272	45.135	ng	# 81
61) 4-Chlorophenyl-phenyle...	10.404	204	209896	38.481	ng	# 48
62) 4-Nitroaniline	10.422	138	82374	27.099	ng	79
65) 4,6-Dinitro-2-methylph...	10.475	198	48460	1229.479	ng	# 1
66) n-Nitrosodiphenylamine	10.516	169	427506	1886.514	ng	97
67) 4-Bromophenyl-phenylether	10.845	248	4712	59.920	ng	# 1
68) Hexachlorobenzene	10.998	284	137122	1609.719	ng	# 30
69) Atrazine	10.998	200	10192	146.536	ng	# 1
70) Pentachlorophenol	11.192	266	52297	1920.653	ng	92
71) Phenanthrene	11.410	178	470524	1254.814	ng	# 75
72) Anthracene	11.410	178	470524	1261.816	ng	# 75
73) Carbazole	11.604	167	430188	1270.870	ng	# 73
74) Di-n-butylphthalate	11.869	149	40346	92.611	ng	# 14
75) Fluoranthene	12.598	202	590689	1539.425	ng	91
77) Benzidine	12.692	184	141869	24.938	ng	# 24
78) Pyrene	12.827	202	613735	32.650	ng	# 95
80) Butylbenzylphthalate	13.398	149	298985	37.589	ng	88
81) Benzo(a)anthracene	13.986	228	723798	48.642	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	98193	21.307	ng	# 94
83) Chrysene	14.021	228	685339	49.202	ng	98
84) Bis(2-ethylhexyl)phtha...	13.939	149	507435	53.773	ng	# 98
85) Di-n-octyl phthalate	14.533	149	875465	67.205	ng	# 51
87) Indeno(1,2,3-cd)pyrene	16.880	276	942438	56.005	ng	98
88) Benzo(b)fluoranthene	15.010	252	821754	48.959	ng	98
89) Benzo(k)fluoranthene	15.033	252	744853	46.274	ng	96
90) Benzo(a)pyrene	15.368	252	700985	53.034	ng	100
91) Dibenzo(a,h)anthracene	16.880	278	819527	59.024	ng	100
92) Benzo(g,h,i)perylene	17.315	276	828750	59.828	ng	98

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

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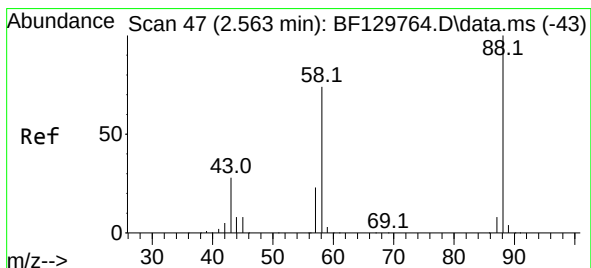
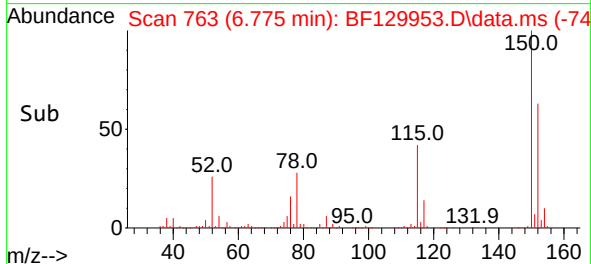
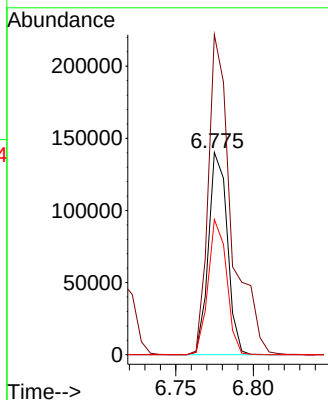
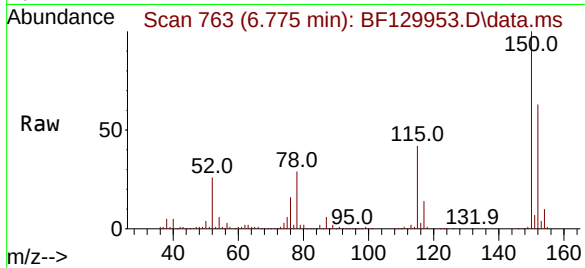




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BF129953.D
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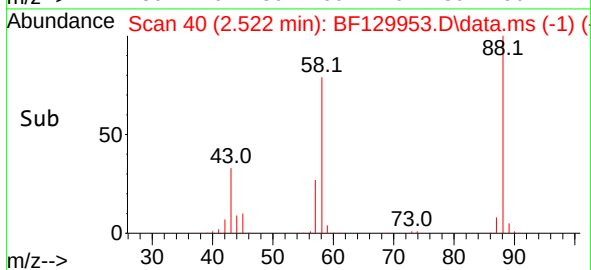
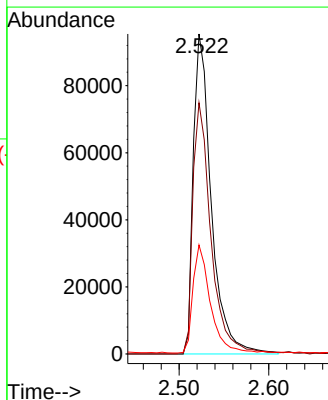
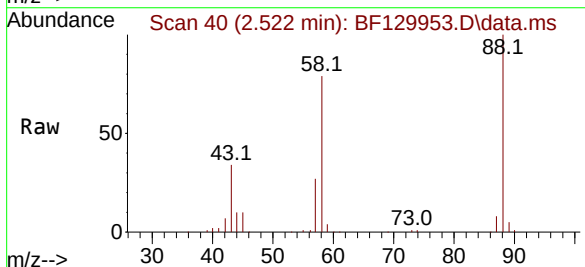
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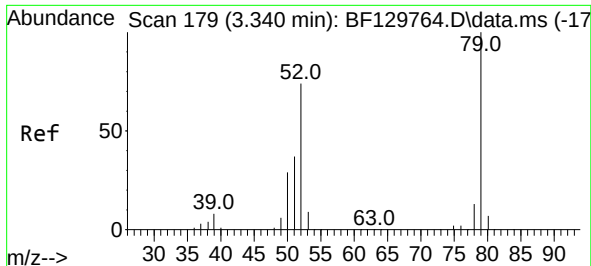
Tgt Ion:152 Resp: 118657
 Ion Ratio Lower Upper
 152 100
 150 158.2 126.9 190.3
 115 66.9 53.4 80.0



#2
 1,4-Dioxane
 Concen: 45.013 ng
 RT: 2.522 min Scan# 40
 Delta R.T. 0.041 min
 Lab File: BF129953.D
 Acq: 23 Aug 2022 14:49

Tgt Ion: 88 Resp: 133089
 Ion Ratio Lower Upper
 88 100
 58 79.8 60.9 91.3
 43 32.8 23.6 35.4

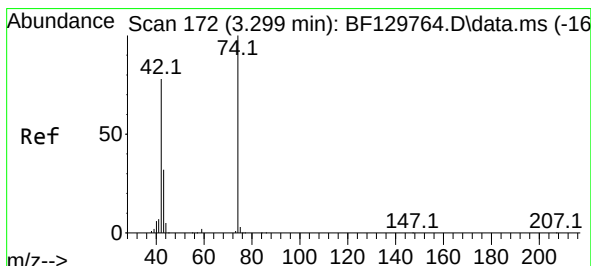
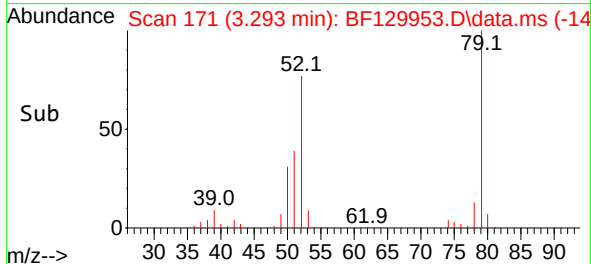
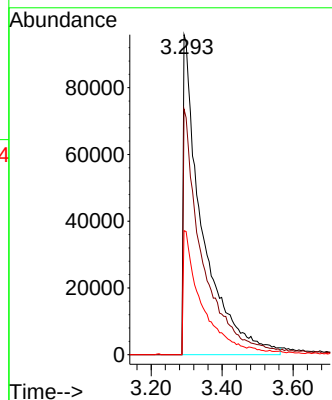
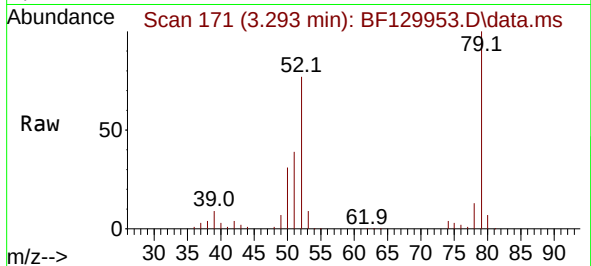




#3
Pyridine
Concen: 45.612 ng
RT: 3.293 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

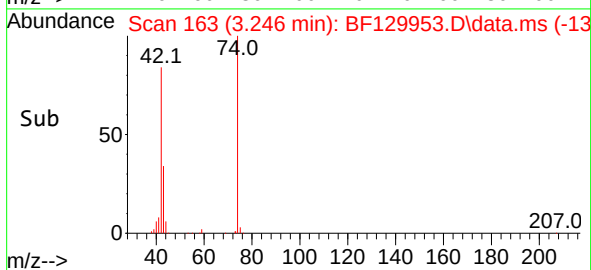
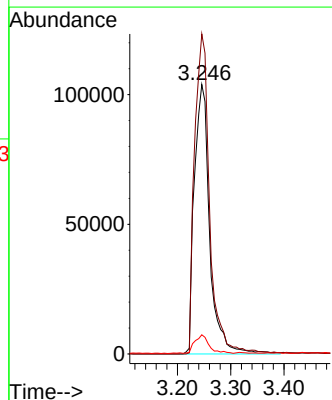
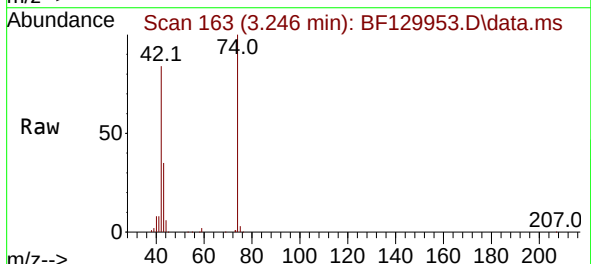
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ClientSampleId :
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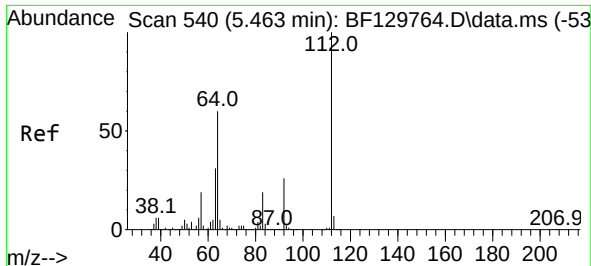
Tgt Ion: 79 Resp: 352917
Ion Ratio Lower Upper
79 100
52 76.7 59.4 89.2
51 38.8 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 58.313 ng
RT: 3.246 min Scan# 163
Delta R.T. 0.041 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion: 42 Resp: 207933
Ion Ratio Lower Upper
42 100
74 118.8 103.1 154.7
44 7.1 5.4 8.2

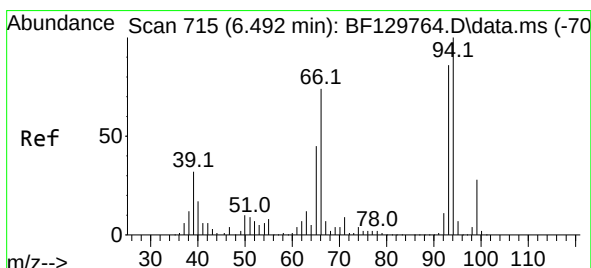
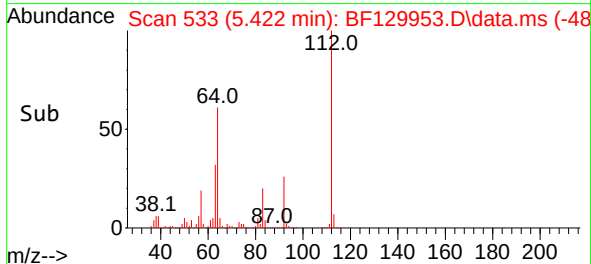
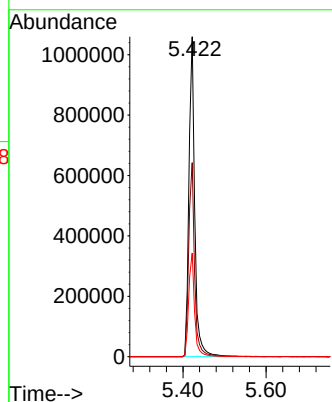
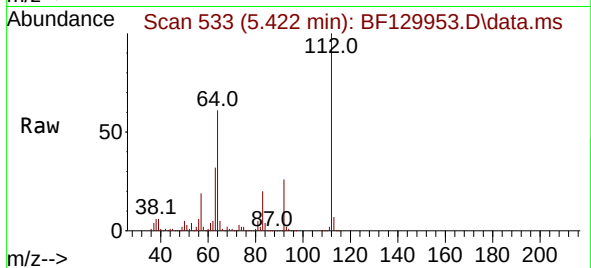




#5
2-Fluorophenol
Concen: 142.396 ng
RT: 5.422 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

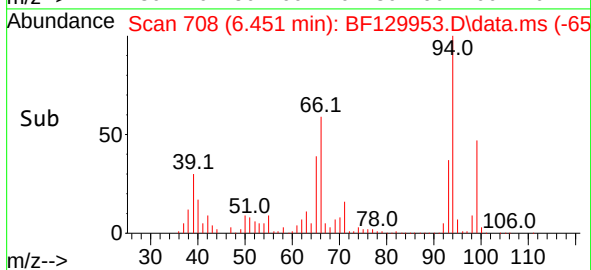
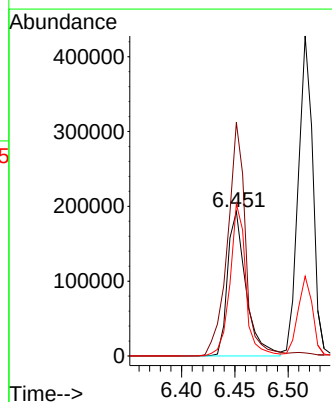
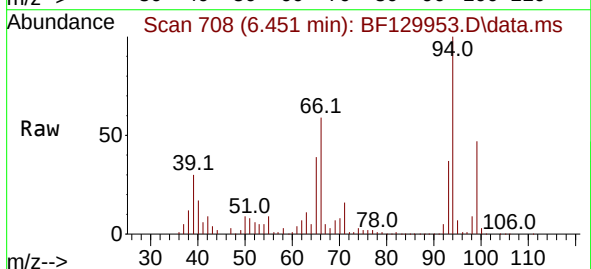
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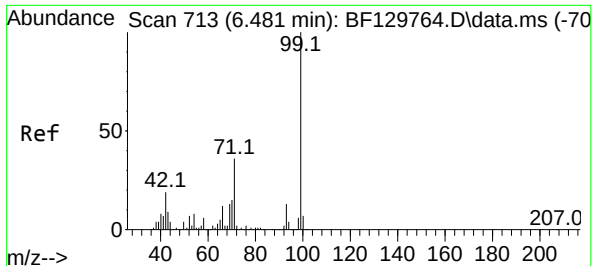
Tgt Ion:112 Resp: 1020493
Ion Ratio Lower Upper
112 100
64 60.6 47.6 71.4
63 32.4 24.6 37.0



#6
Aniline
Concen: 22.635 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.006 min
Lab File: BF129953.D
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Tgt Ion: 93 Resp: 231528
Ion Ratio Lower Upper
93 100
66 161.6 68.7 103.1#
65 105.3 41.6 62.4#

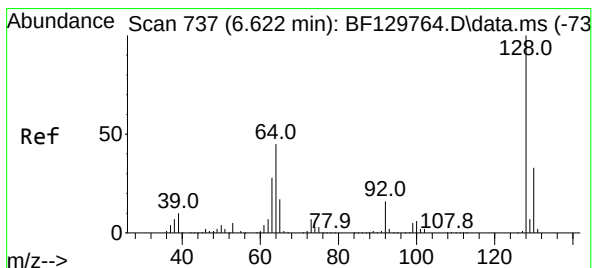
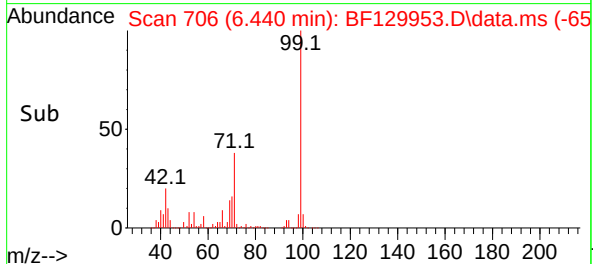
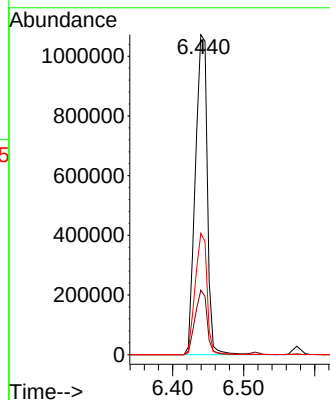
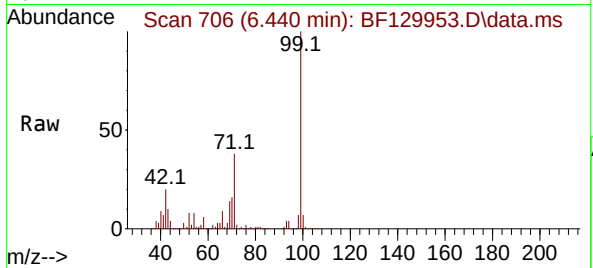




#7
Phenol-d6
Concen: 140.060 ng
RT: 6.440 min Scan# 706
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

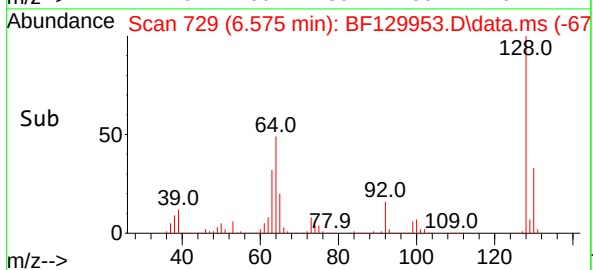
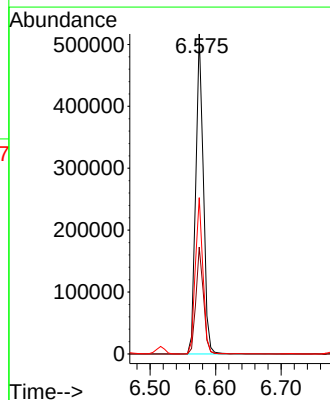
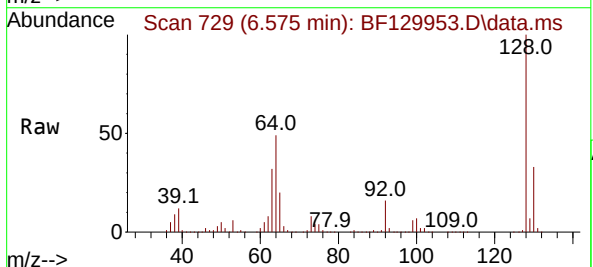
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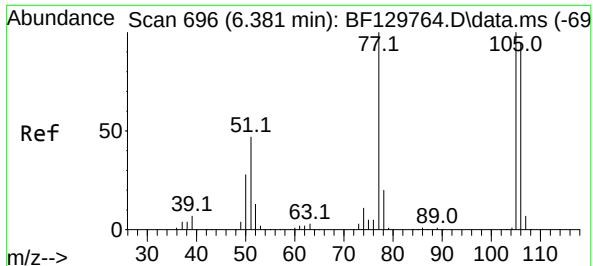
Tgt Ion: 99 Resp: 1256974
Ion Ratio Lower Upper
99 100
42 20.2 15.0 22.4
71 37.9 28.8 43.2



#8
2-Chlorophenol
Concen: 52.314 ng
RT: 6.575 min Scan# 729
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion: 128 Resp: 417367
Ion Ratio Lower Upper
128 100
130 33.4 12.5 52.5
64 48.9 24.9 64.9

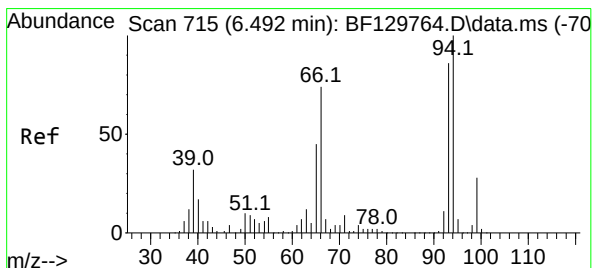
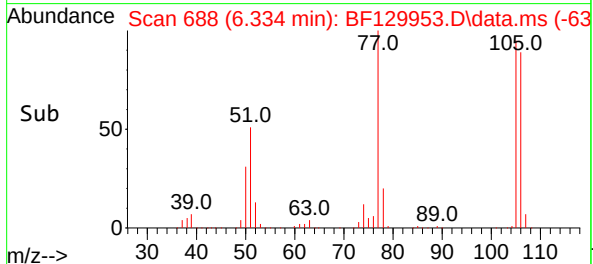
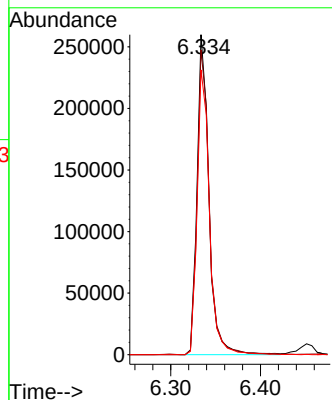
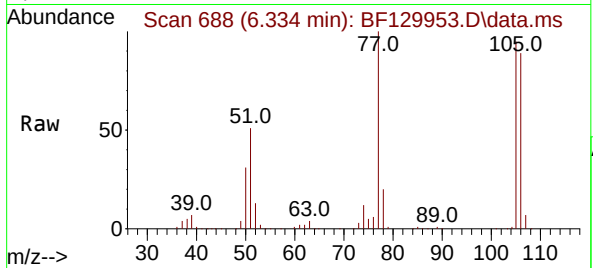




#9
Benzaldehyde
Concen: 51.599 ng
RT: 6.334 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

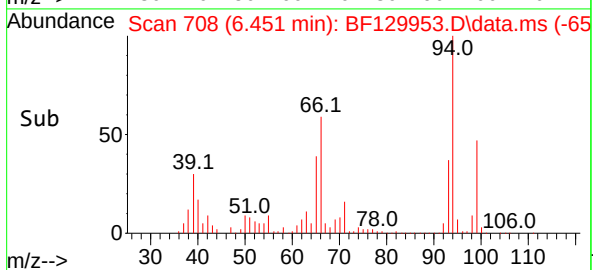
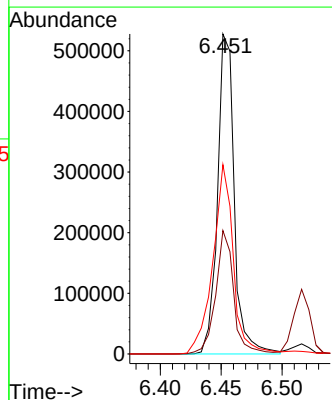
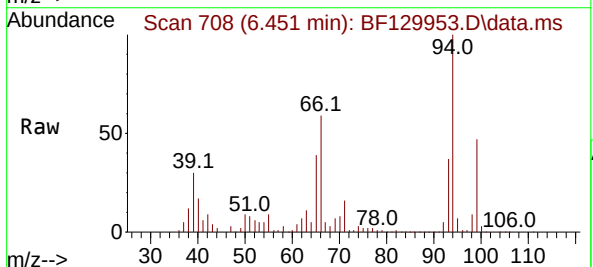
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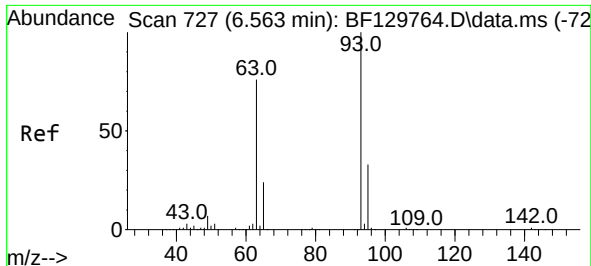
Tgt Ion: 77 Resp: 238619
Ion Ratio Lower Upper
77 100
105 95.2 80.3 120.3
106 89.0 74.3 114.3



#10
Phenol
Concen: 51.518 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion: 94 Resp: 507166
Ion Ratio Lower Upper
94 100
65 38.6 24.9 64.9
66 59.2 54.2 94.2

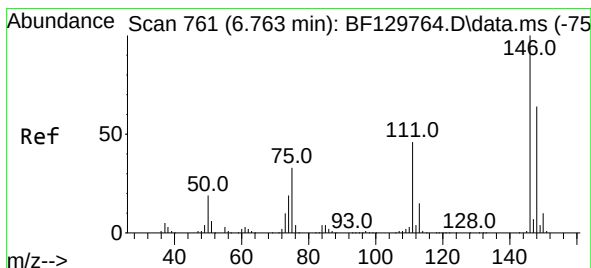
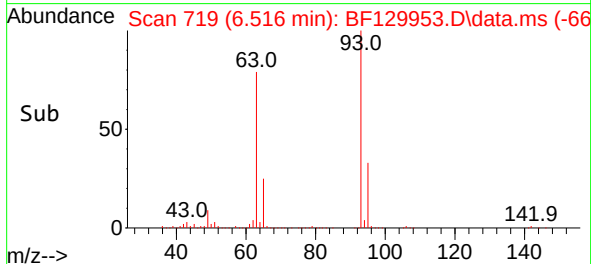
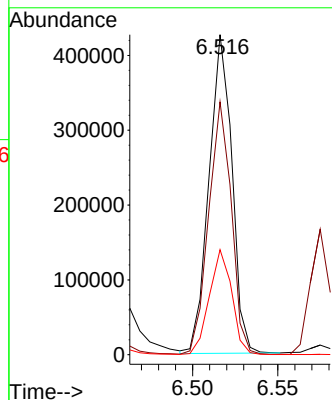
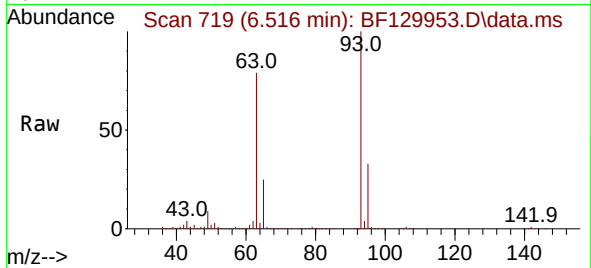




#11
bis(2-Chloroethyl)ether
Concen: 53.407 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

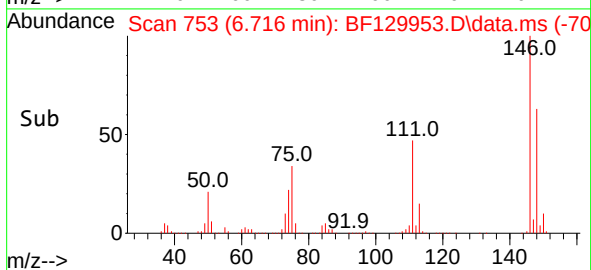
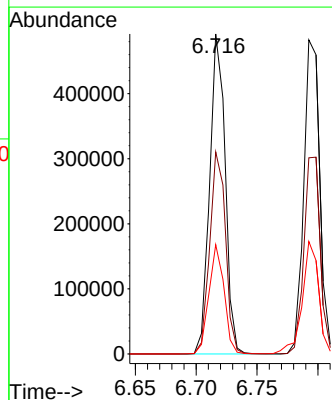
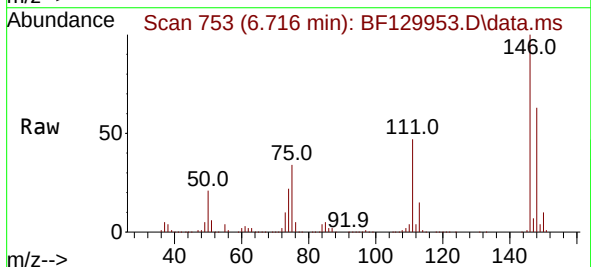
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

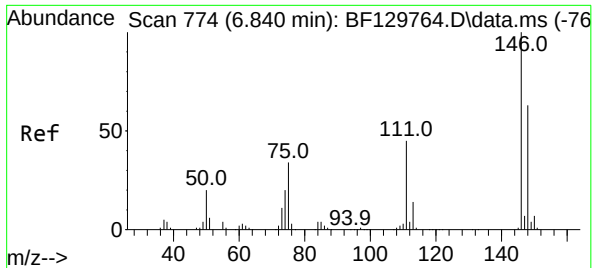
Tgt Ion: 93 Resp: 399249
Ion Ratio Lower Upper
93 100
63 79.0 55.9 95.9
95 32.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 50.507 ng
RT: 6.716 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion: 146 Resp: 435014
Ion Ratio Lower Upper
146 100
148 63.2 51.2 76.8
75 34.2 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 50.283 ng

RT: 6.793 min Scan# 7

Delta R.T. 0.000 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-21153MSD

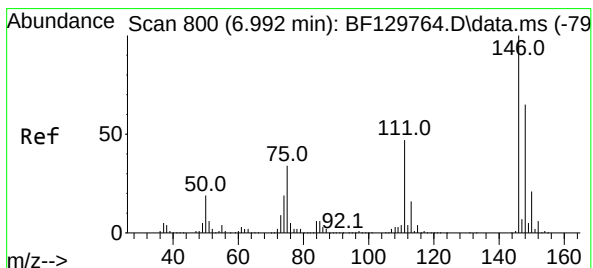
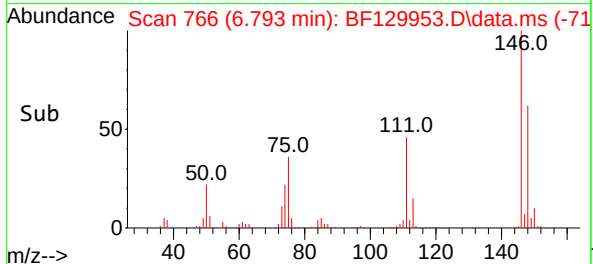
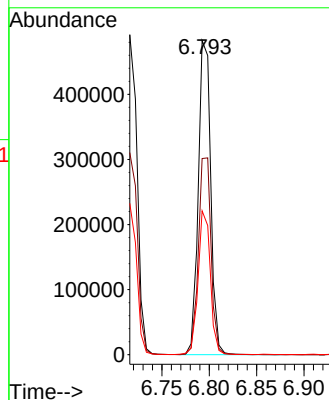
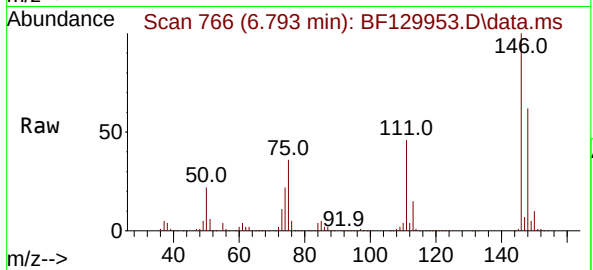
Tgt Ion:146 Resp: 442514

Ion Ratio Lower Upper

146 100

148 62.5 50.6 75.8

111 45.8 36.2 54.4



#14

1,2-Dichlorobenzene

Concen: 50.659 ng

RT: 6.945 min Scan# 792

Delta R.T. 0.000 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

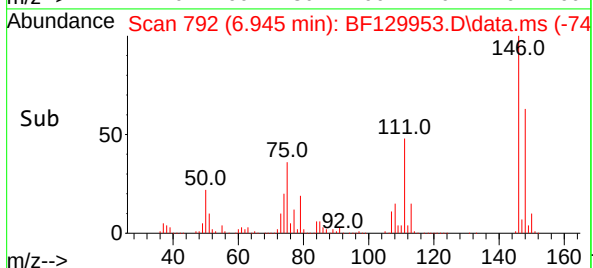
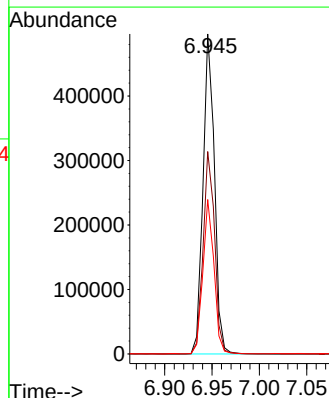
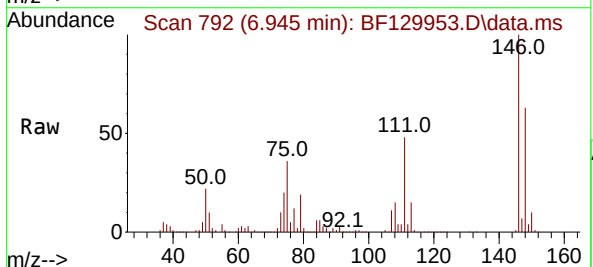
Tgt Ion:146 Resp: 414059

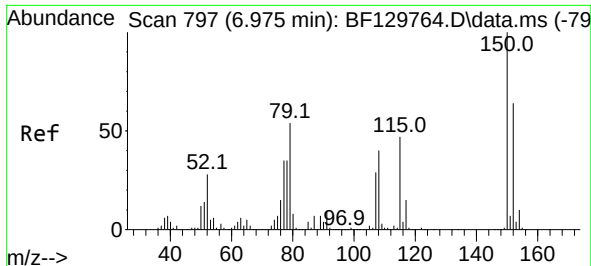
Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.6

111 48.3 37.2 55.8

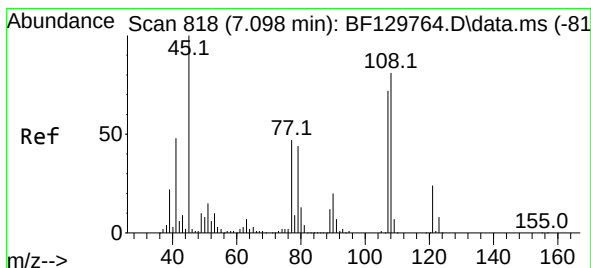
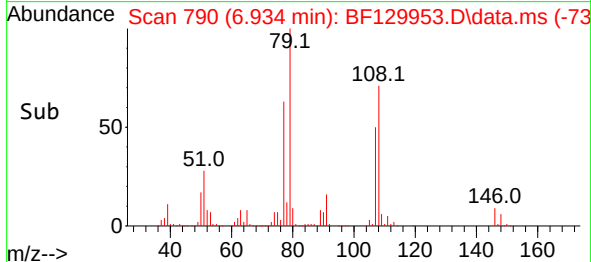
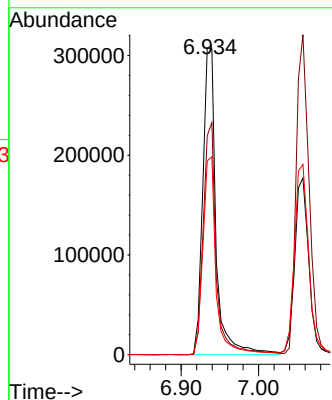
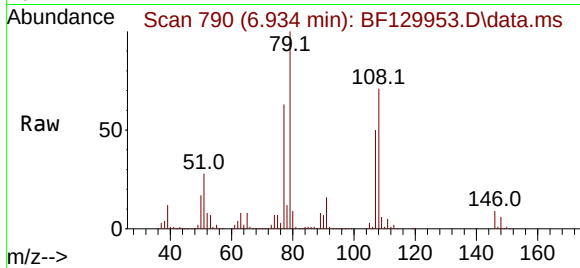




#15
Benzyl Alcohol
Concen: 54.181 ng
RT: 6.934 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

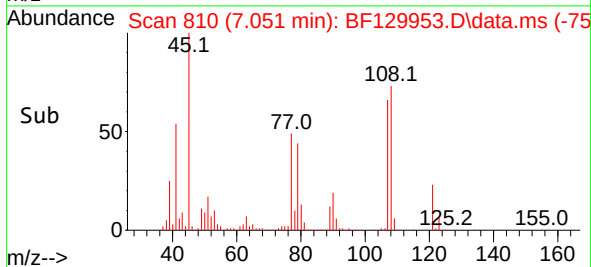
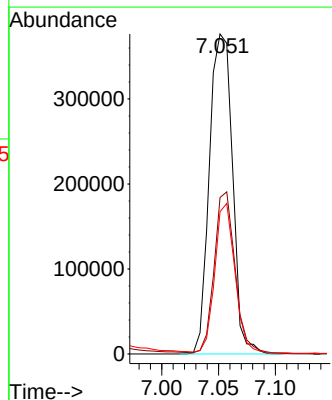
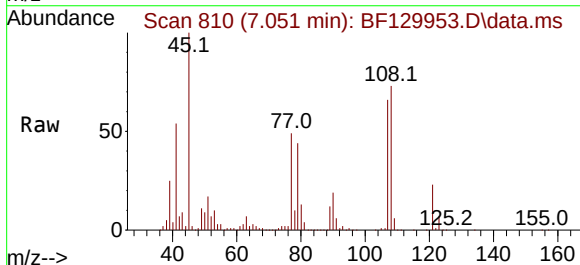
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

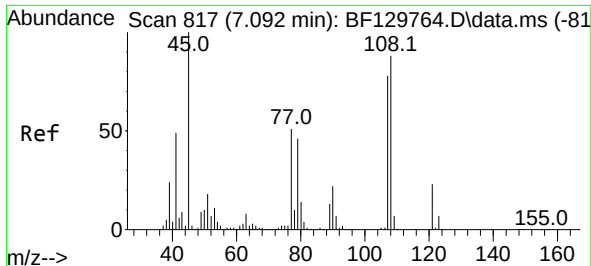
Tgt Ion: 79 Resp: 367086
Ion Ratio Lower Upper
79 100
108 71.4 59.2 88.8
77 63.2 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.112 ng
RT: 7.051 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion: 45 Resp: 532024
Ion Ratio Lower Upper
45 100
77 48.9 27.4 67.4
79 44.4 24.4 64.4

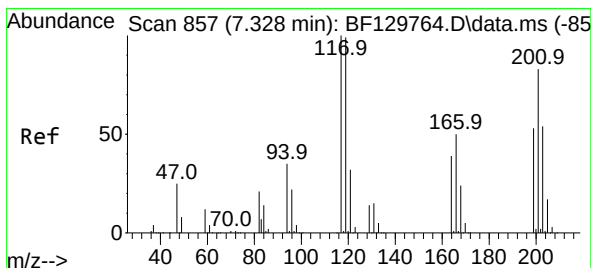
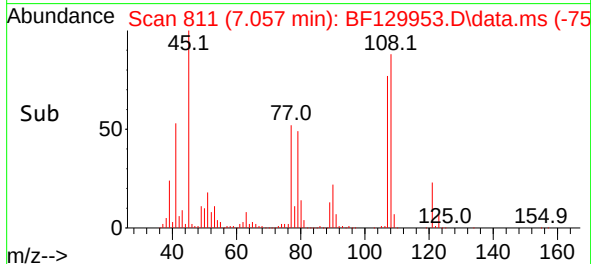
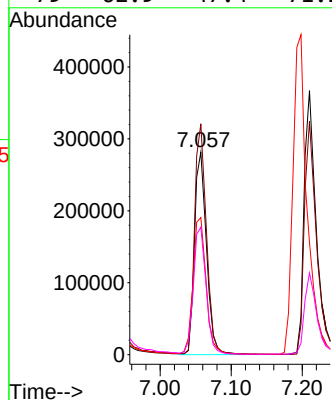
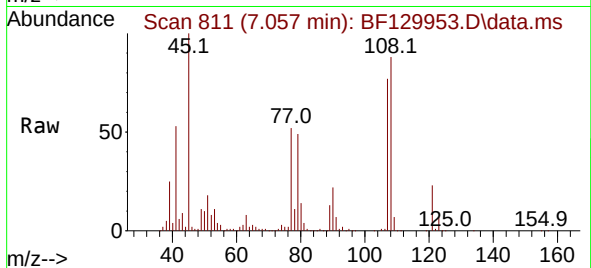




#17
2-Methylphenol
Concen: 51.674 ng
RT: 7.057 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

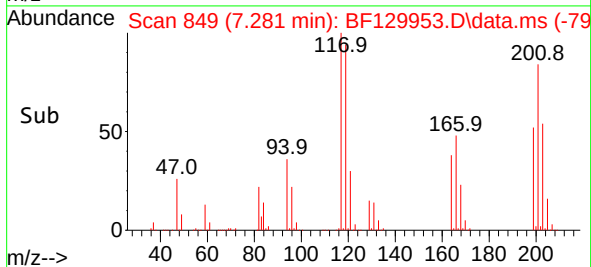
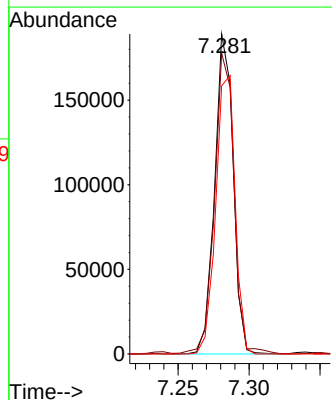
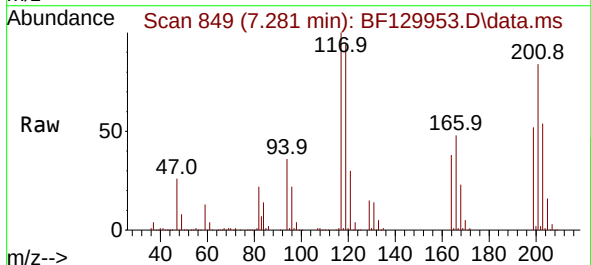
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

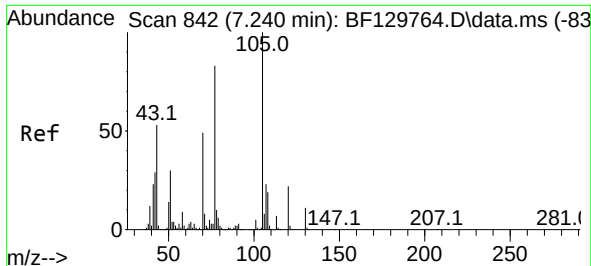
Tgt Ion:107 Resp: 331024
Ion Ratio Lower Upper
107 100
108 114.0 90.2 135.2
77 67.7 51.8 77.8
79 62.9 47.4 71.2



#18
Hexachloroethane
Concen: 51.930 ng
RT: 7.281 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion:117 Resp: 171617
Ion Ratio Lower Upper
117 100
119 94.0 79.1 118.7
201 83.8 66.6 100.0

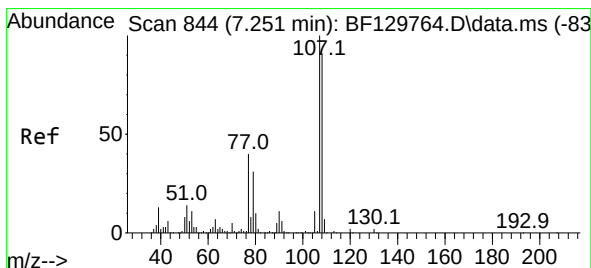
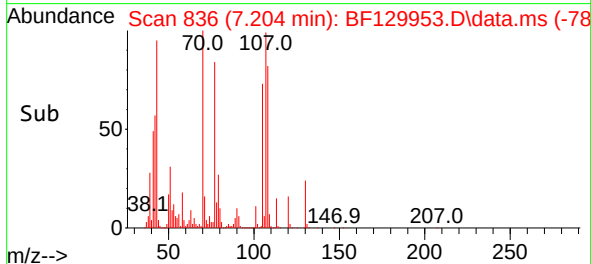
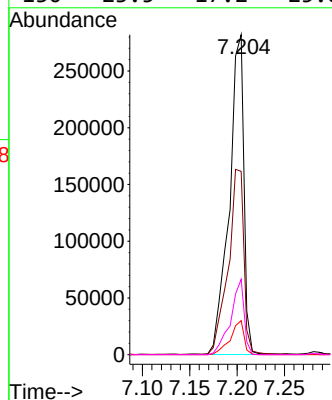
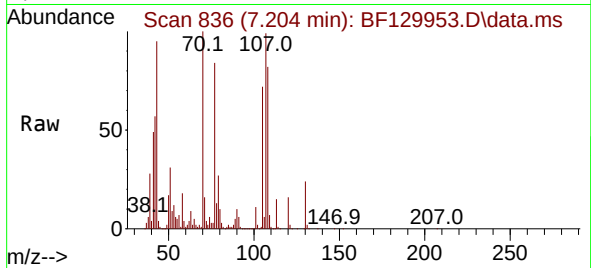




#19
n-Nitroso-di-n-propylamine
Concen: 53.580 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

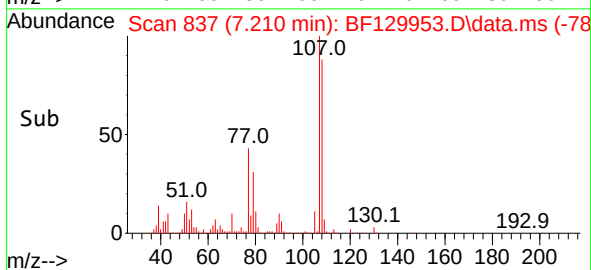
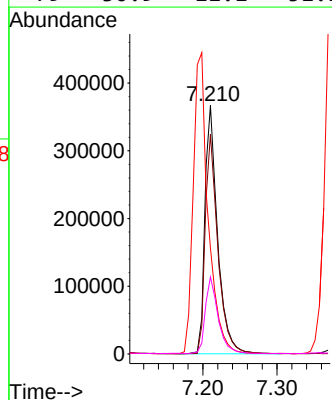
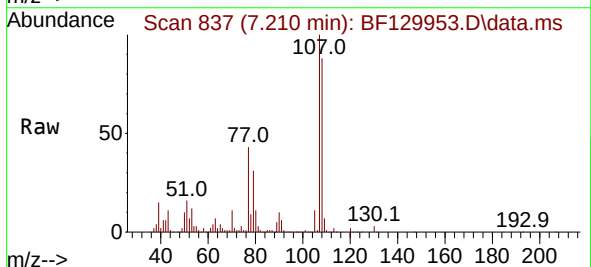
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

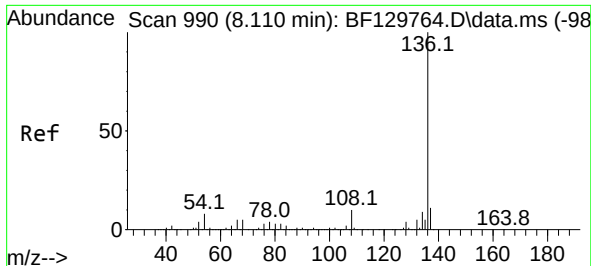
Tgt Ion: 70 Resp: 303945
Ion Ratio Lower Upper
70 100
42 57.3 47.6 71.4
101 10.6 8.1 12.1
130 23.5 17.2 25.8



#20
3+4-Methylphenols
Concen: 50.727 ng
RT: 7.210 min Scan# 837
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion: 107 Resp: 436203
Ion Ratio Lower Upper
107 100
108 88.4 71.3 111.3
77 42.6 20.4 60.4
79 30.9 11.1 51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF129953.D

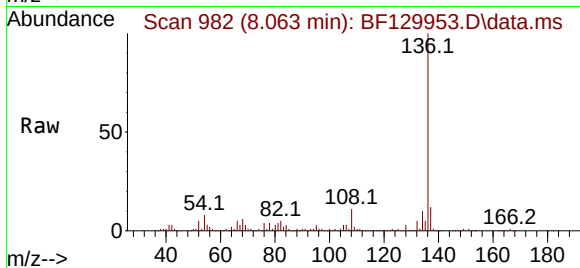
Acq: 23 Aug 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-21153MSD



Tgt Ion:136 Resp: 431790

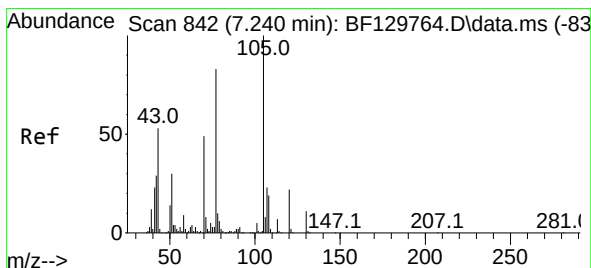
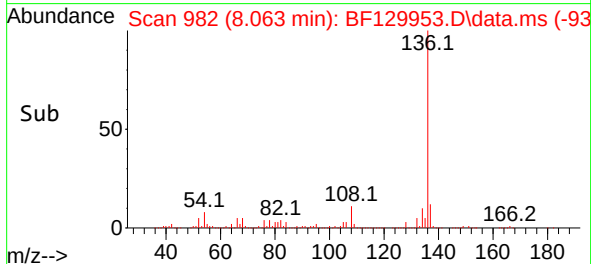
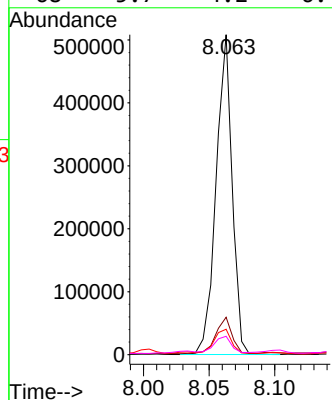
Ion Ratio Lower Upper

136 100

137 11.7 8.4 12.6

54 8.0 6.2 9.2

68 5.7 4.2 6.4



#22

Acetophenone

Concen: 57.973 ng

RT: 7.198 min Scan# 835

Delta R.T. 0.006 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Tgt Ion:105 Resp: 610007

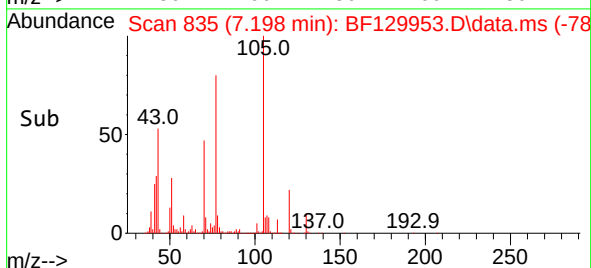
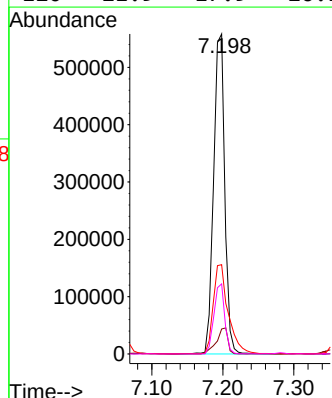
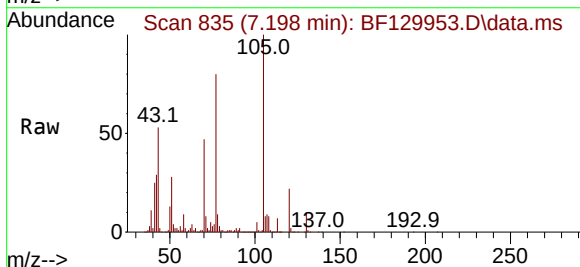
Ion Ratio Lower Upper

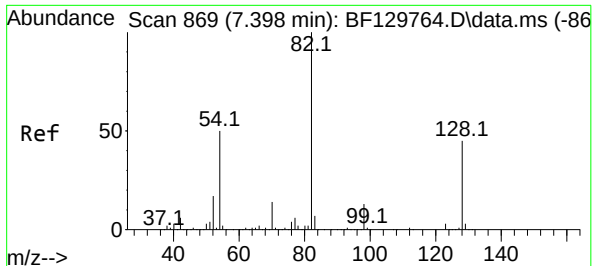
105 100

71 7.8 6.6 9.8

51 27.9 23.8 35.8

120 21.9 17.9 26.9





#23

Nitrobenzene-d5

Concen: 98.403 ng

RT: 7.351 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-21153MSD

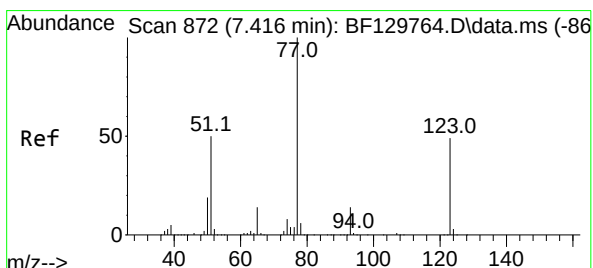
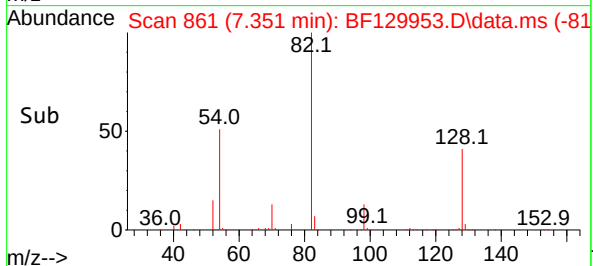
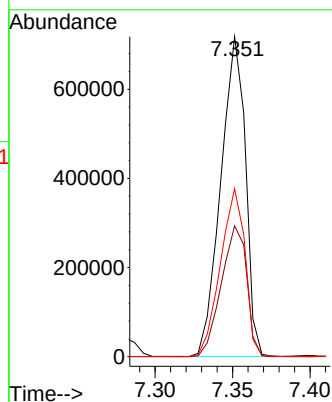
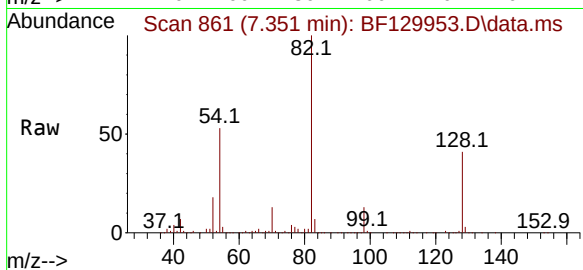
Tgt Ion: 82 Resp: 793726

Ion Ratio Lower Upper

82 100

128 40.9 36.1 54.1

54 52.5 40.0 60.0



#24

Nitrobenzene

Concen: 54.470 ng

RT: 7.369 min Scan# 864

Delta R.T. 0.000 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

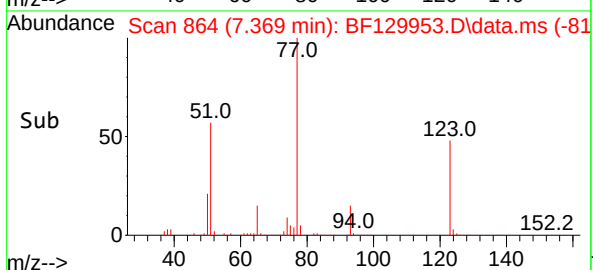
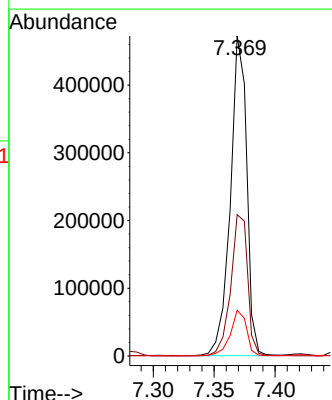
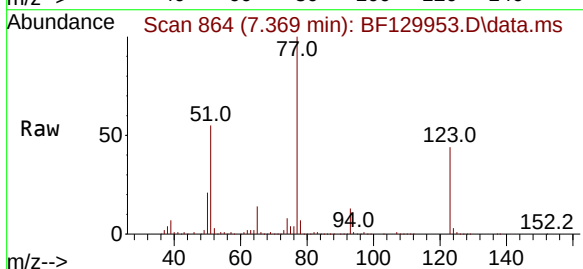
Tgt Ion: 77 Resp: 443028

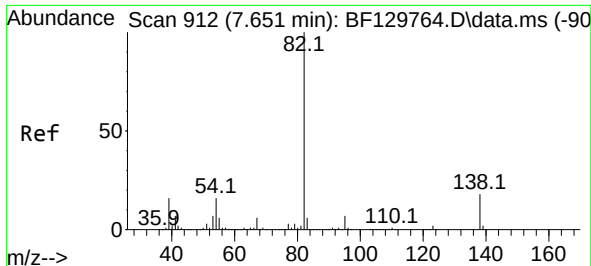
Ion Ratio Lower Upper

77 100

123 44.2 39.2 58.8

65 14.3 11.1 16.7

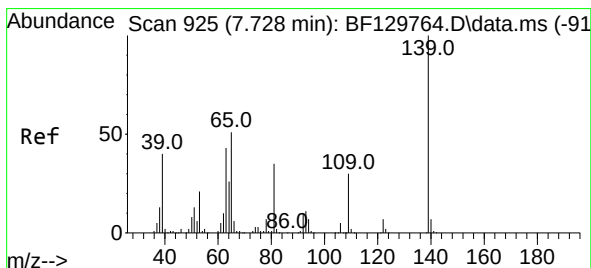
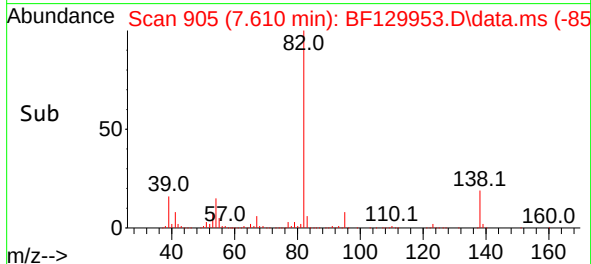
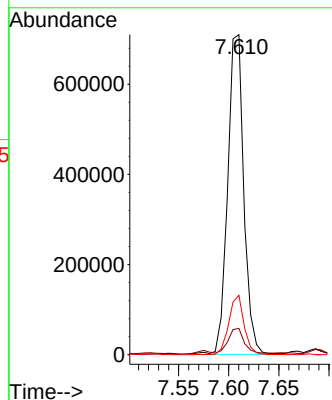
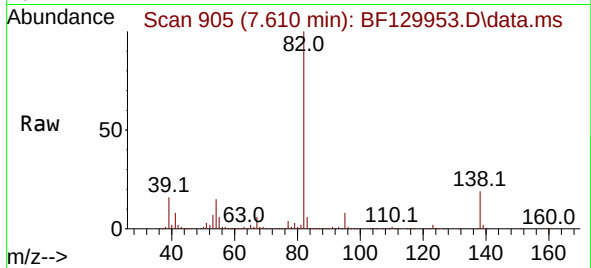




#25
Isophorone
Concen: 57.198 ng
RT: 7.610 min Scan# 905
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

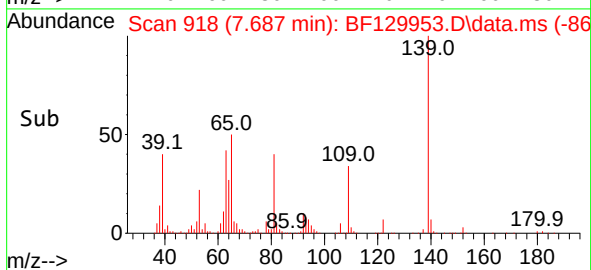
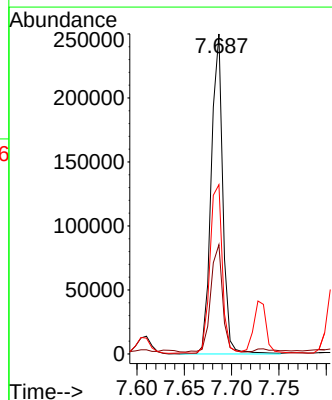
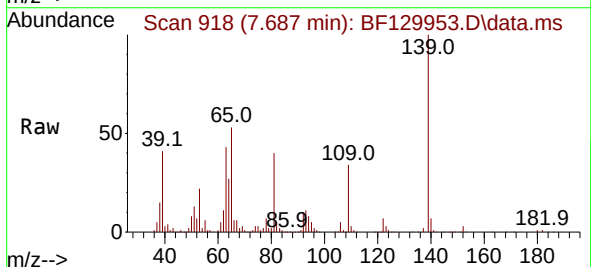
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

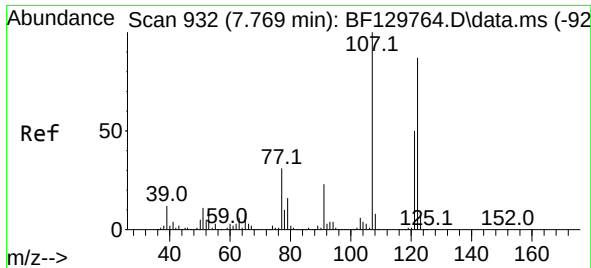
Tgt Ion: 82 Resp: 794074
Ion Ratio Lower Upper
82 100
95 8.2 5.9 8.9
138 18.5 14.6 21.8



#26
2-Nitrophenol
Concen: 53.026 ng
RT: 7.687 min Scan# 918
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion: 139 Resp: 212142
Ion Ratio Lower Upper
139 100
109 34.1 24.4 36.6
65 52.9 40.9 61.3

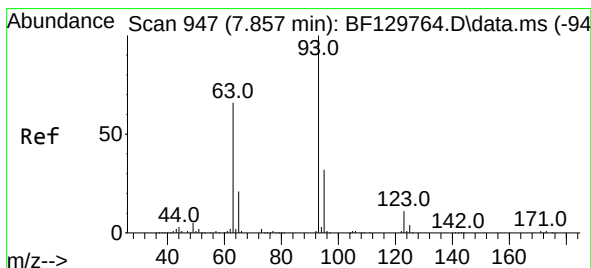
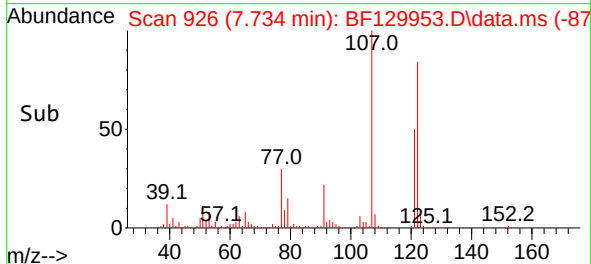
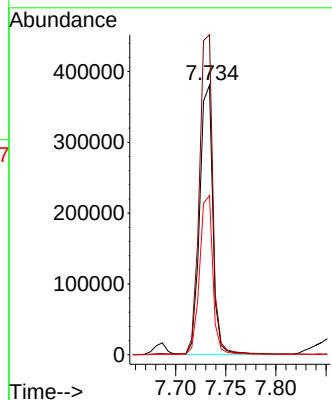
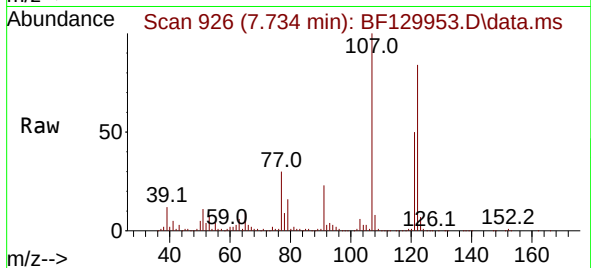




#27
2,4-Dimethylphenol
Concen: 60.287 ng
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

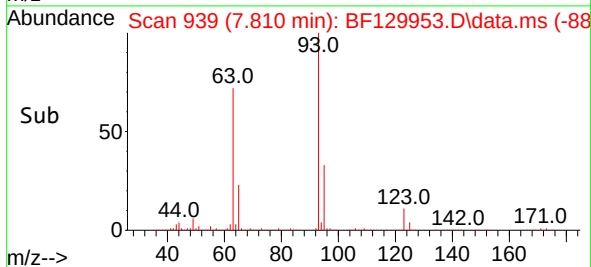
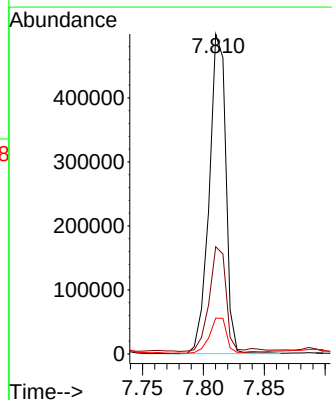
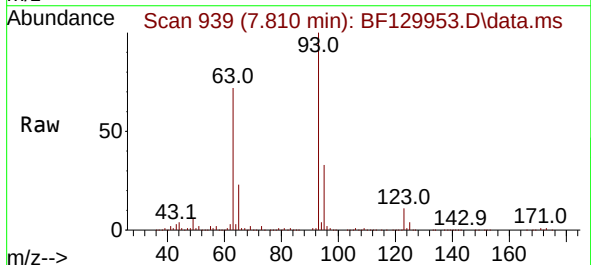
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

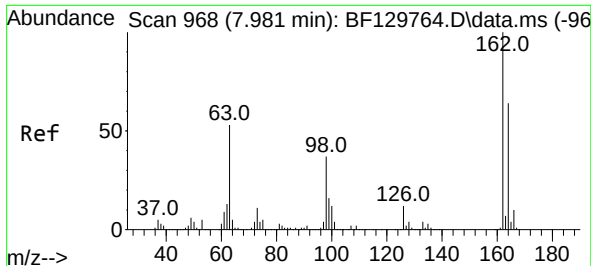
Tgt Ion:122 Resp: 345898
Ion Ratio Lower Upper
122 100
107 118.7 92.2 138.4
121 59.1 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 58.416 ng
RT: 7.810 min Scan# 939
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion: 93 Resp: 473515
Ion Ratio Lower Upper
93 100
95 33.5 25.6 38.4
123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 52.850 ng

RT: 7.939 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-21153MSD

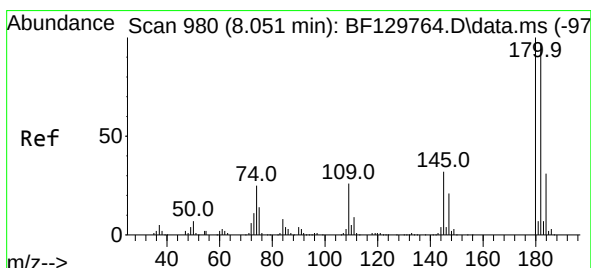
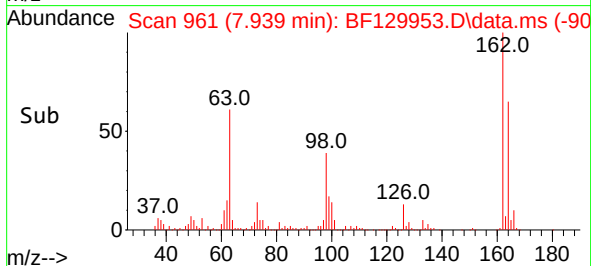
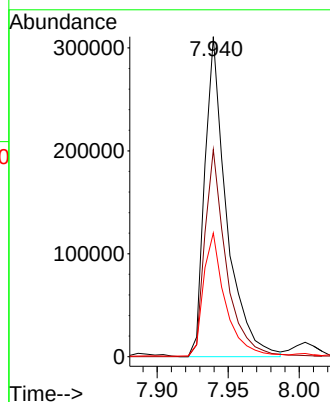
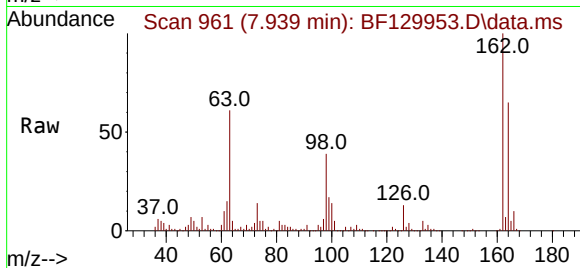
Tgt Ion:162 Resp: 331564

Ion Ratio Lower Upper

162 100

164 64.7 43.7 83.7

98 38.7 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 49.106 ng

RT: 8.004 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

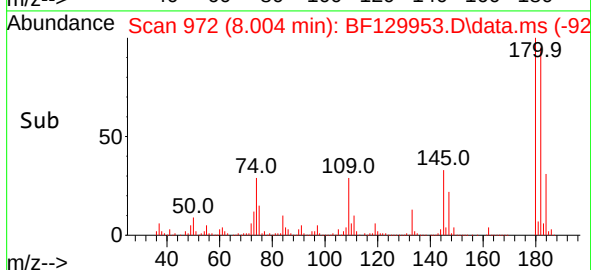
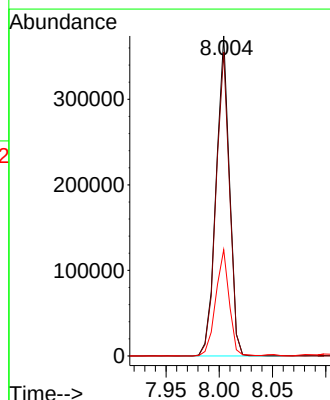
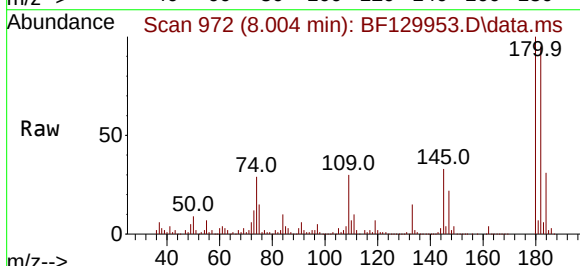
Tgt Ion:180 Resp: 325005

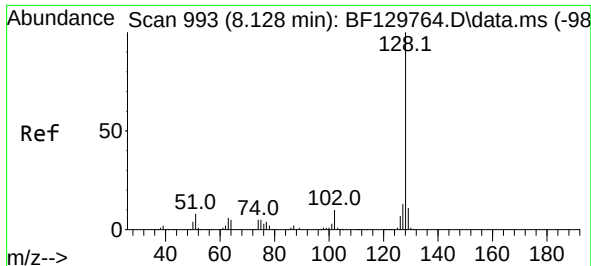
Ion Ratio Lower Upper

180 100

182 95.0 77.6 116.4

145 33.2 25.6 38.4

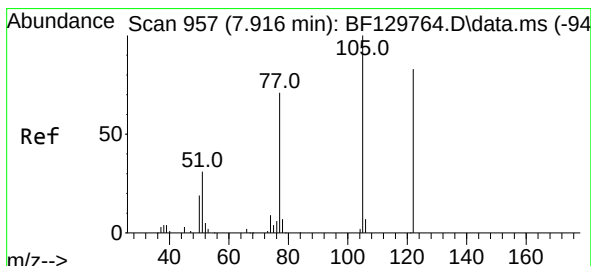
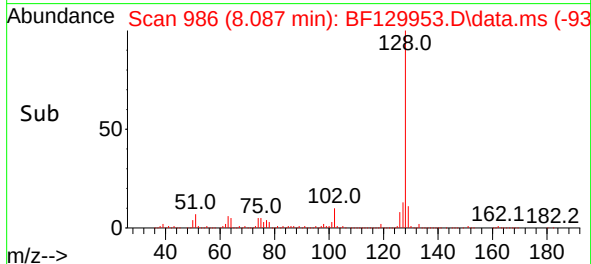
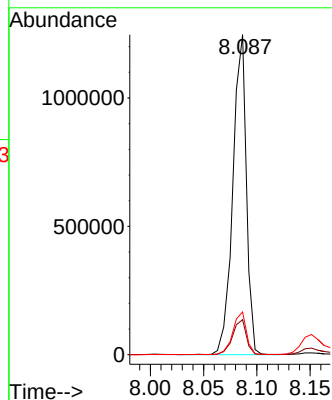
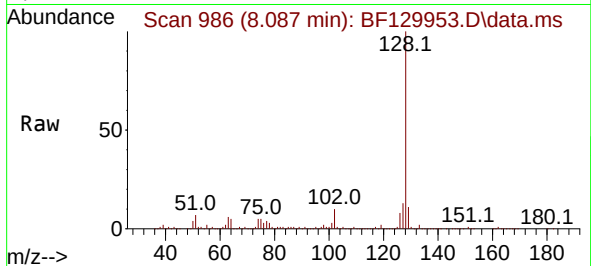




#31
Naphthalene
Concen: 48.940 ng
RT: 8.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

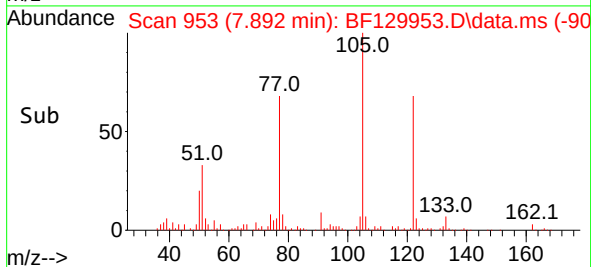
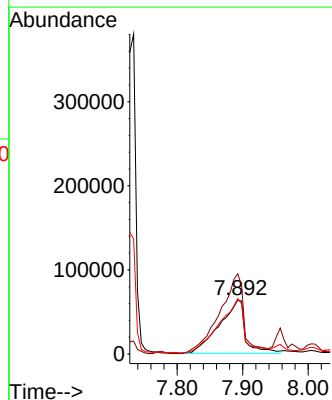
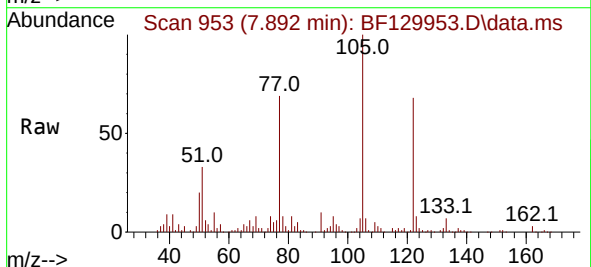
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

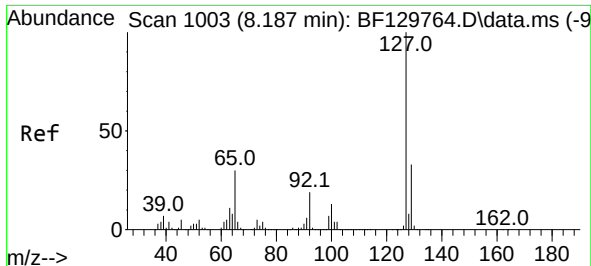
Tgt Ion:128 Resp: 1104909
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 62.000 ng
RT: 7.892 min Scan# 953
Delta R.T. 0.012 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion:122 Resp: 175290
Ion Ratio Lower Upper
122 100
105 148.0 99.9 139.9#
77 102.1 65.9 105.9





#33

4-Chloroaniline

Concen: 15.528 ng

RT: 8.151 min Scan# 94

Delta R.T. 0.006 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-21153MSD

Tgt Ion:127 Resp: 137861

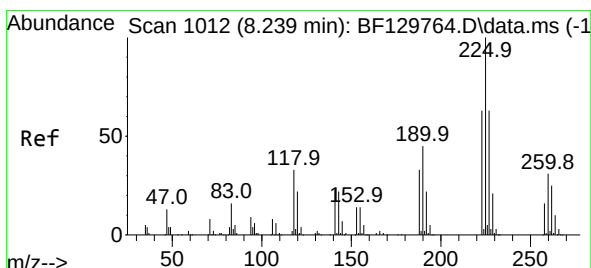
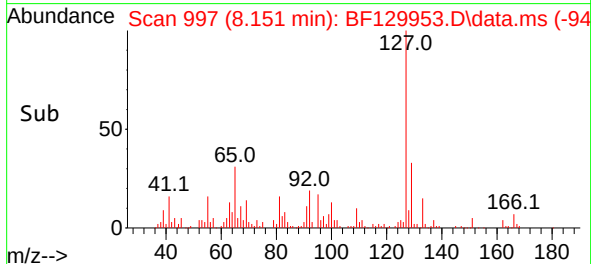
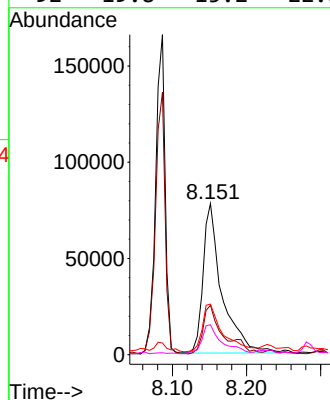
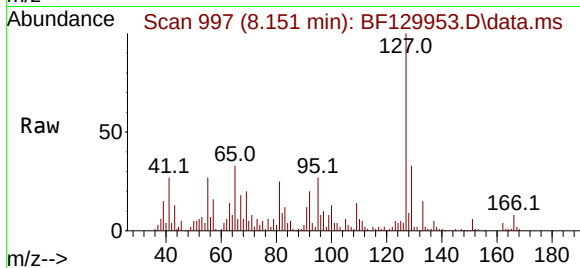
Ion Ratio Lower Upper

127 100

129 32.7 26.7 40.1

65 33.5 24.2 36.2

92 19.8 15.2 22.8



#34

Hexachlorobutadiene

Concen: 50.499 ng

RT: 8.192 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

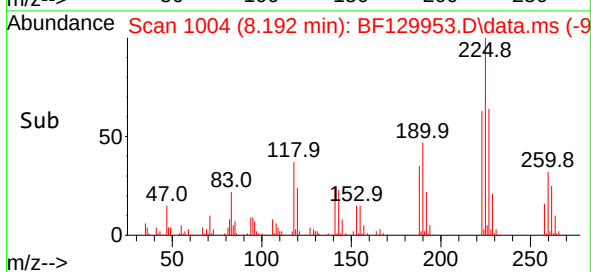
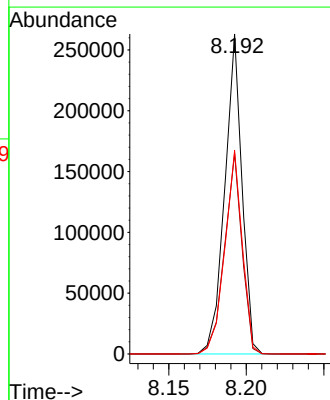
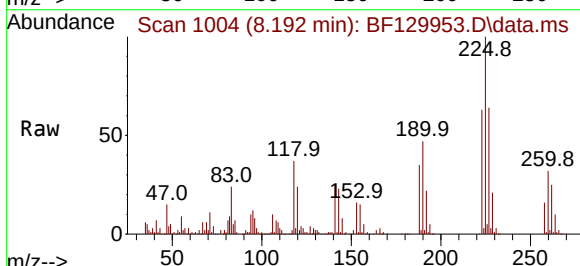
Tgt Ion:225 Resp: 203515

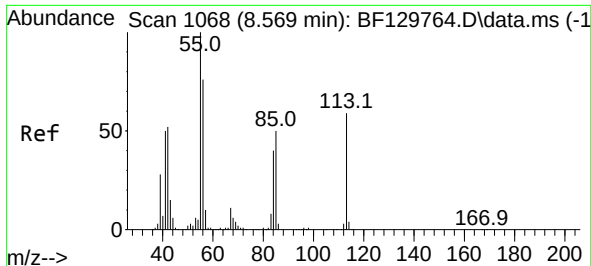
Ion Ratio Lower Upper

225 100

223 62.7 50.2 75.2

227 63.6 50.6 75.8

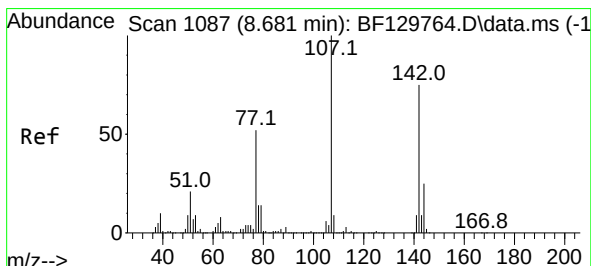
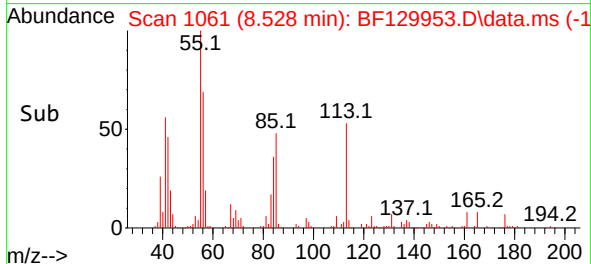
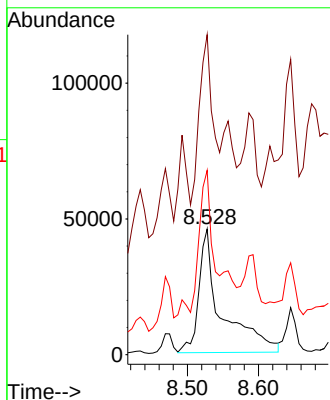
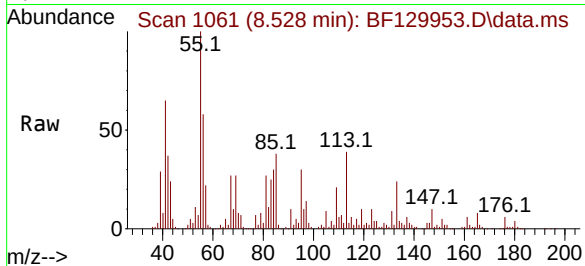




#35
Caprolactam
Concen: 52.071 ng
RT: 8.528 min Scan# 1061
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

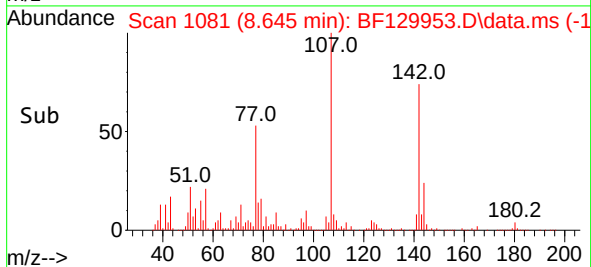
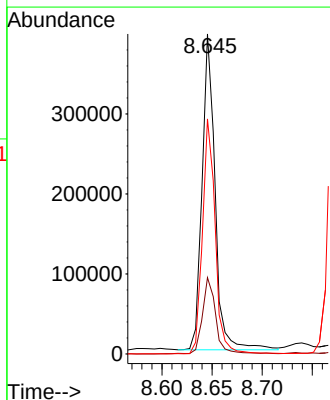
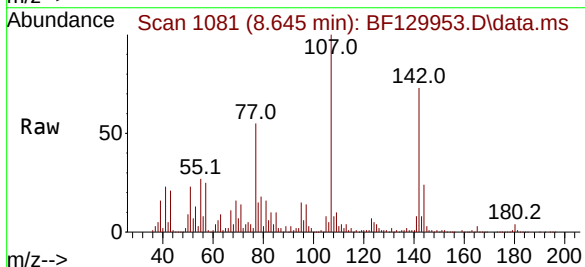
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

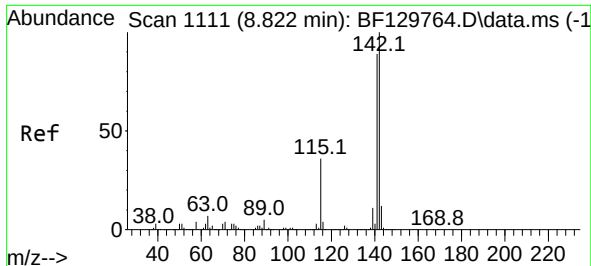
Tgt Ion:113 Resp: 101588
Ion Ratio Lower Upper
113 100
55 254.5 148.8 188.8#
56 146.6 109.1 149.1



#36
4-Chloro-3-methylphenol
Concen: 52.962 ng
RT: 8.645 min Scan# 1081
Delta R.T. 0.012 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion:107 Resp: 358459
Ion Ratio Lower Upper
107 100
144 23.8 19.9 29.9
142 73.5 60.2 90.4

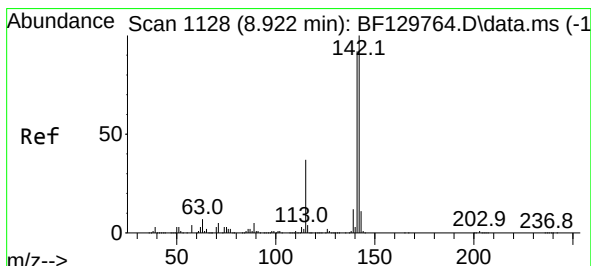
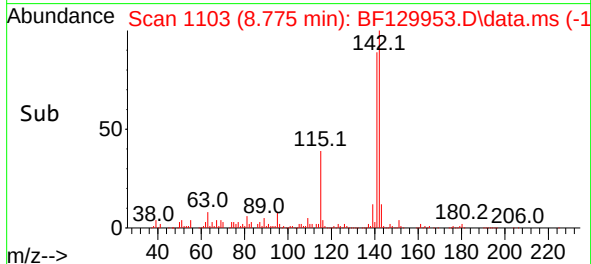
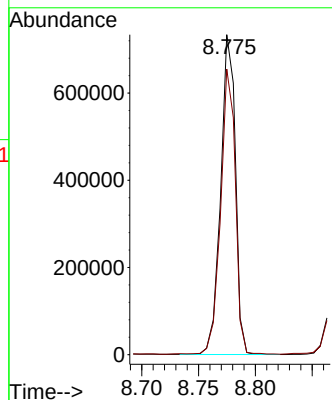
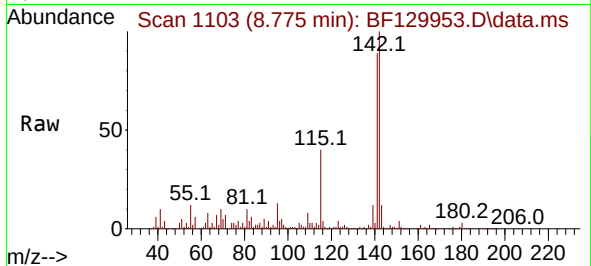




#37
2-Methylnaphthalene
Concen: 44.713 ng
RT: 8.775 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

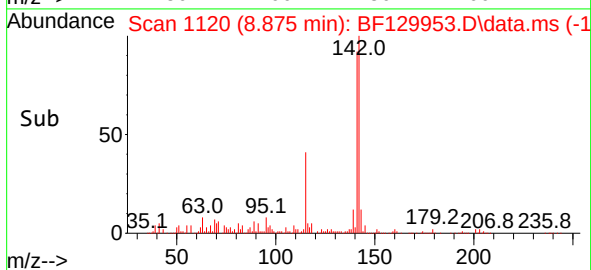
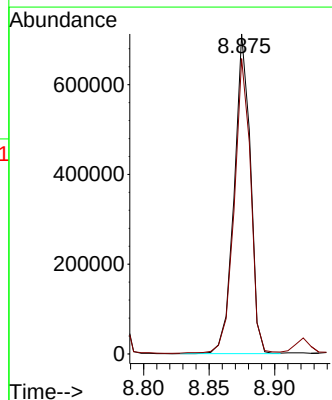
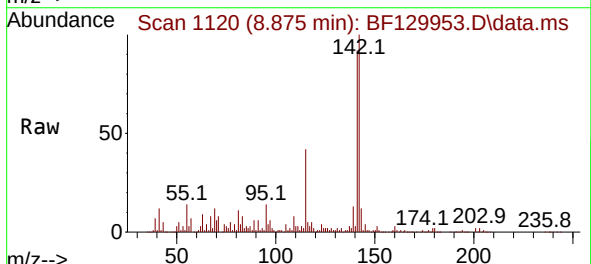
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

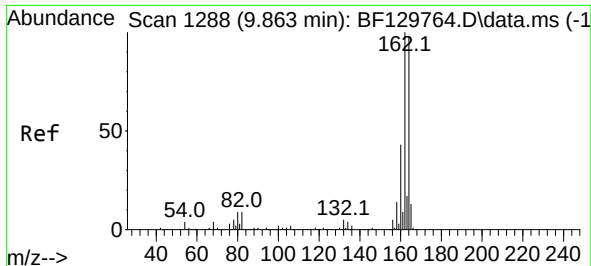
Tgt Ion:142 Resp: 662540
Ion Ratio Lower Upper
142 100
141 89.3 70.9 106.3



#38
1-Methylnaphthalene
Concen: 42.665 ng
RT: 8.875 min Scan# 1120
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion:142 Resp: 614408
Ion Ratio Lower Upper
142 100
141 92.3 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1132

Delta R.T. 0.018 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-21153MSD

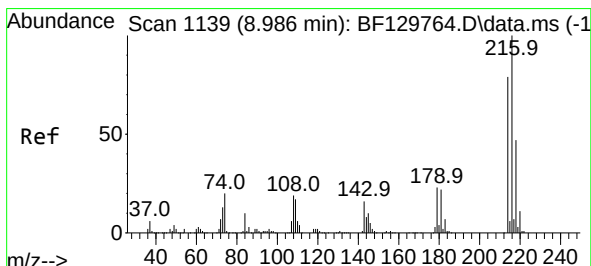
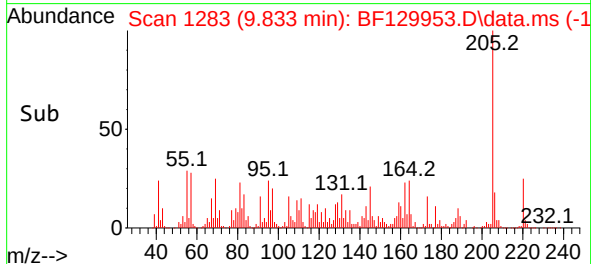
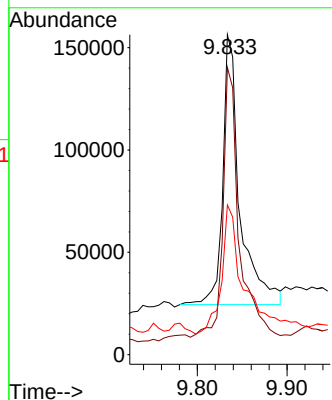
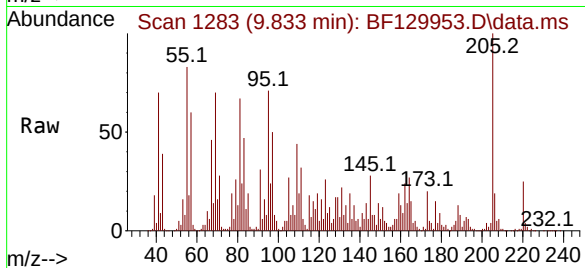
Tgt Ion:164 Resp: 175211

Ion Ratio Lower Upper

164 100

162 89.8 82.0 123.0

160 46.8 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 58.747 ng

RT: 8.945 min Scan# 1132

Delta R.T. 0.006 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Tgt Ion:216 Resp: 286283

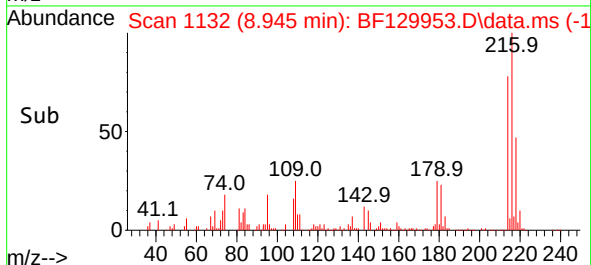
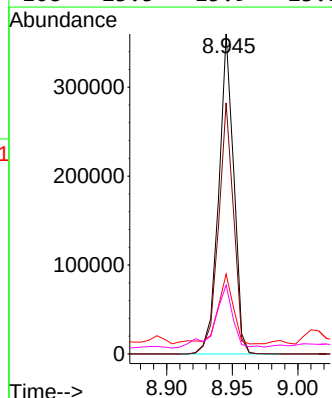
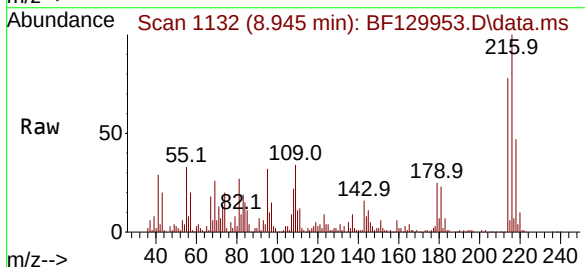
Ion Ratio Lower Upper

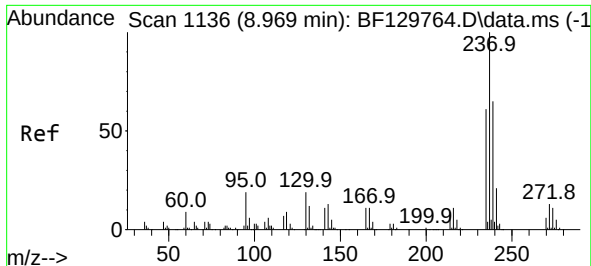
216 100

214 79.0 63.1 94.7

179 21.3 18.1 27.1

108 23.5 15.9 23.9

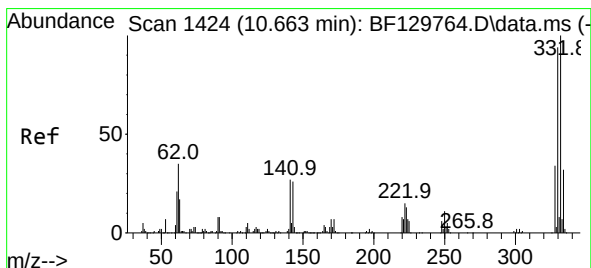
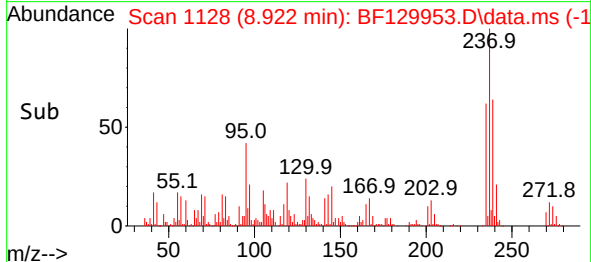
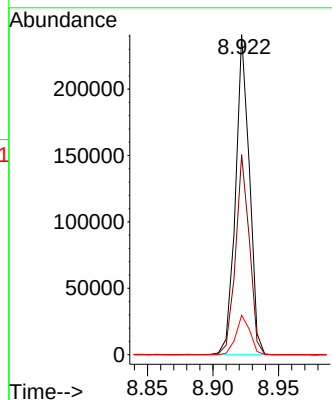
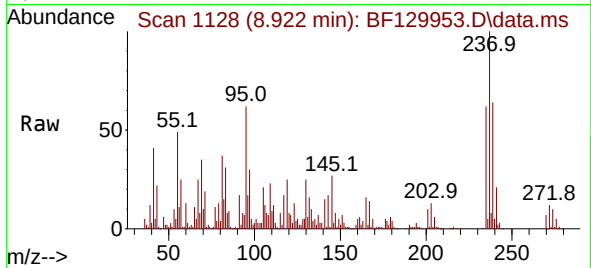




#41
Hexachlorocyclopentadiene
Concen: 98.487 ng
RT: 8.922 min Scan# 1136
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

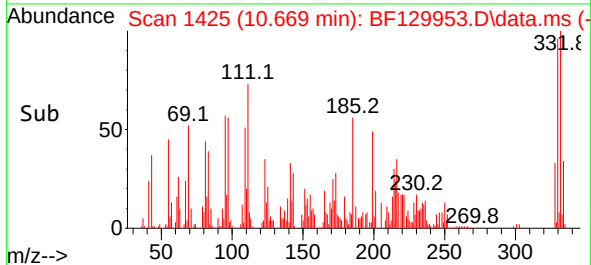
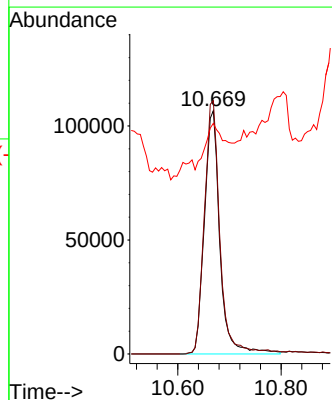
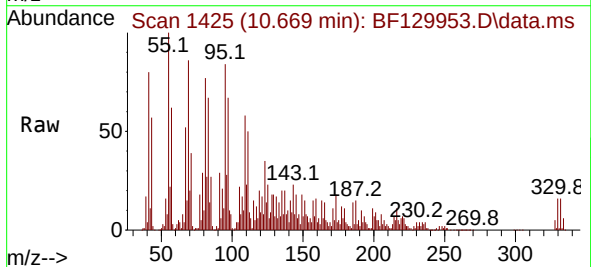
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BNA_F
ClientSampleId :
RBR-21153MSD

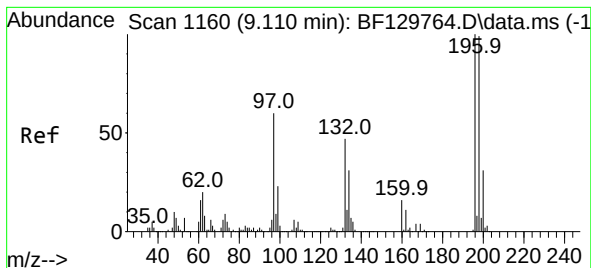
Tgt Ion:237 Resp: 177664
Ion Ratio Lower Upper
237 100
235 62.5 41.5 81.5
272 12.3 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 125.898 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.059 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion:330 Resp: 221393
Ion Ratio Lower Upper
330 100
332 103.4 82.6 124.0
141 24.3 27.6 41.4#

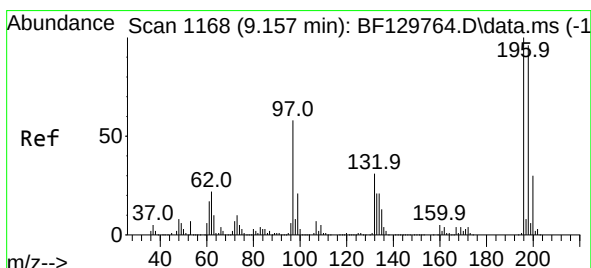
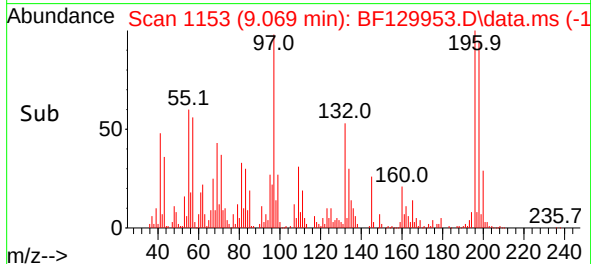
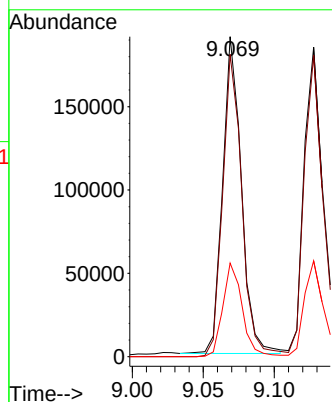
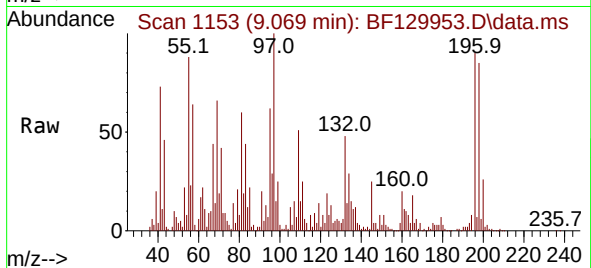




#43
2,4,6-Trichlorophenol
Concen: 55.047 ng
RT: 9.069 min Scan# 1153
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

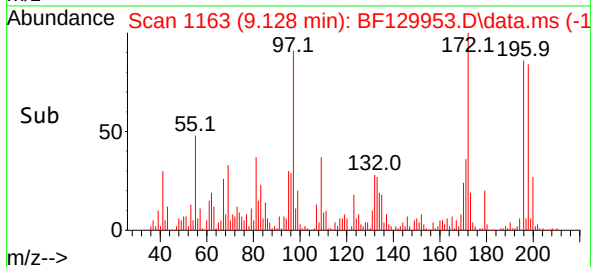
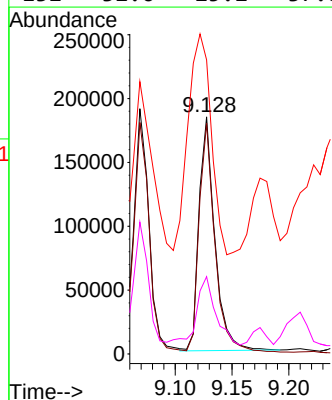
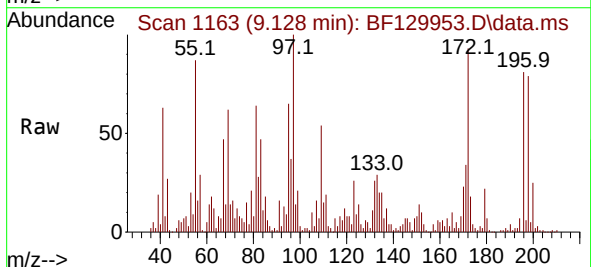
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

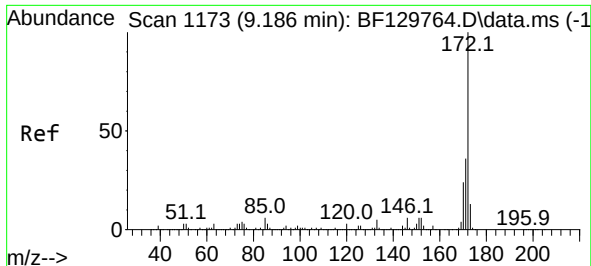
Tgt Ion:196 Resp: 174291
Ion Ratio Lower Upper
196 100
198 94.4 79.0 118.4
200 29.3 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 52.032 ng
RT: 9.128 min Scan# 1163
Delta R.T. 0.018 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion:196 Resp: 177242
Ion Ratio Lower Upper
196 100
198 97.3 76.4 114.6
97 124.0 46.5 69.7#
132 32.6 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 104.843 ng

RT: 9.139 min Scan# 1173

Delta R.T. 0.006 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-21153MSD

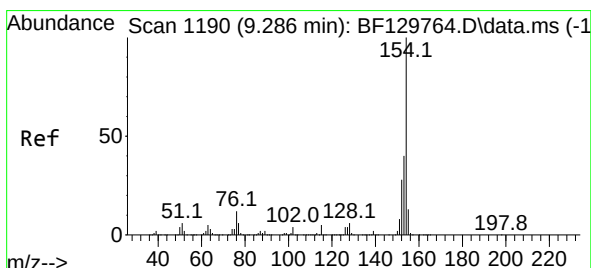
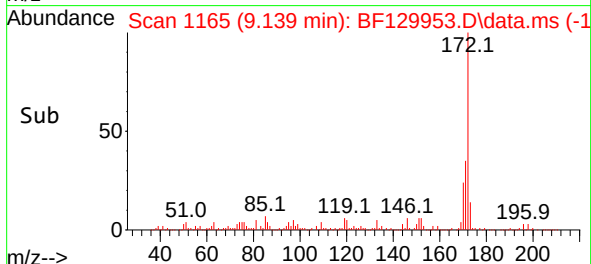
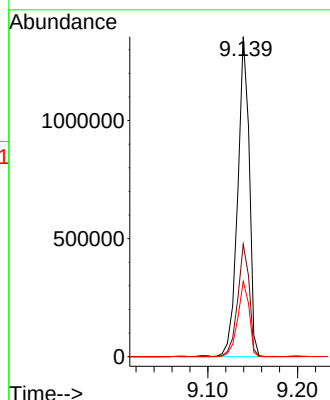
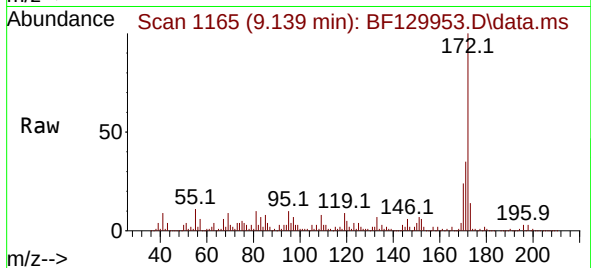
Tgt Ion:172 Resp: 1209482

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.6 19.1 28.7



#46

1,1'-Biphenyl

Concen: 56.471 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.012 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

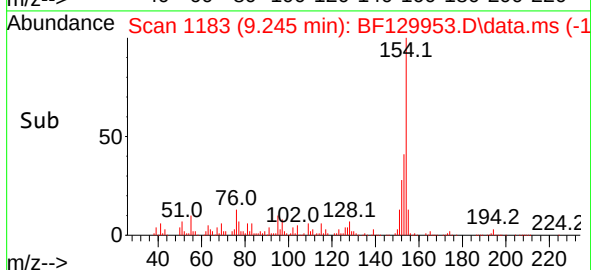
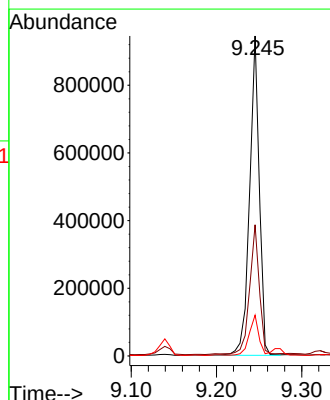
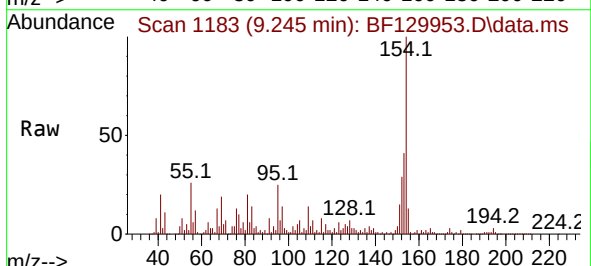
Tgt Ion:154 Resp: 751670

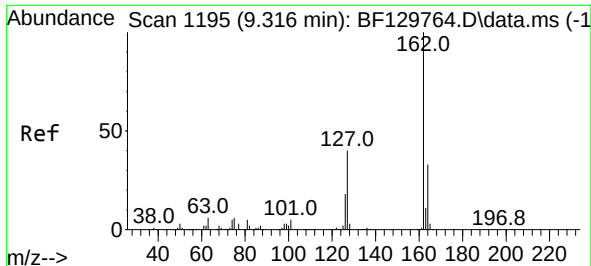
Ion Ratio Lower Upper

154 100

153 41.0 20.2 60.2

76 12.8 0.0 32.1

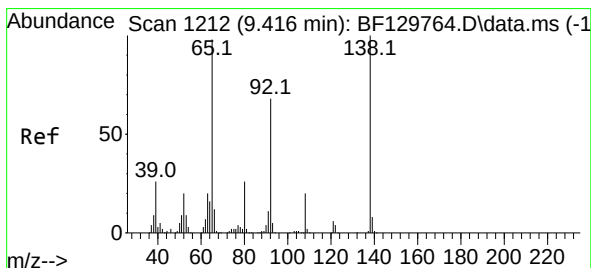
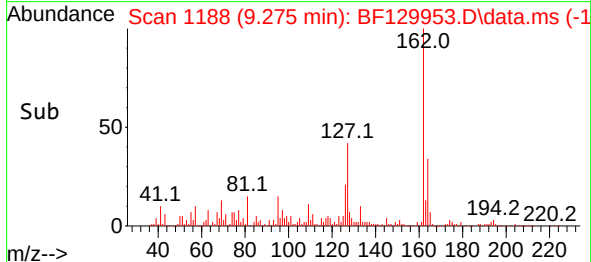
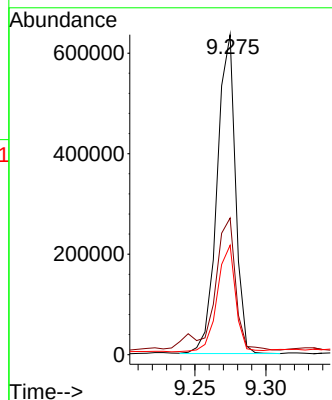
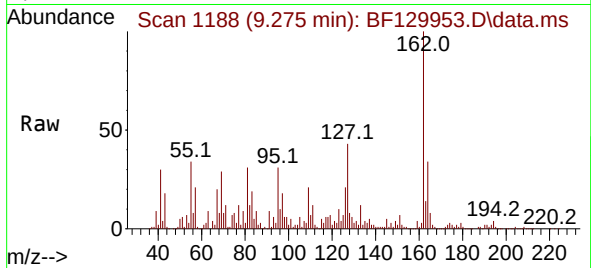




#47
2-Chloronaphthalene
Concen: 54.057 ng
RT: 9.275 min Scan# 1195
Delta R.T. 0.012 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

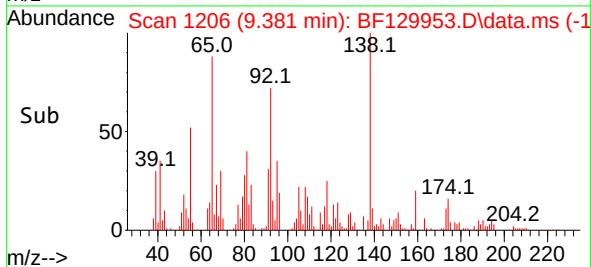
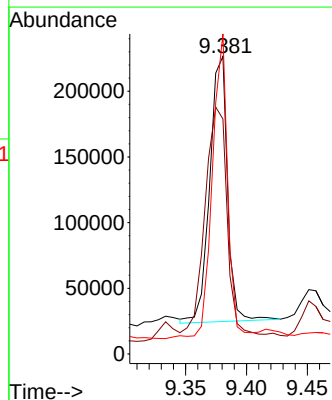
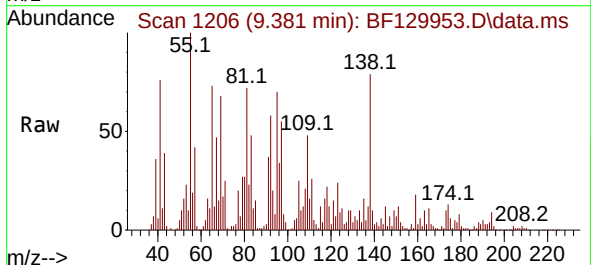
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

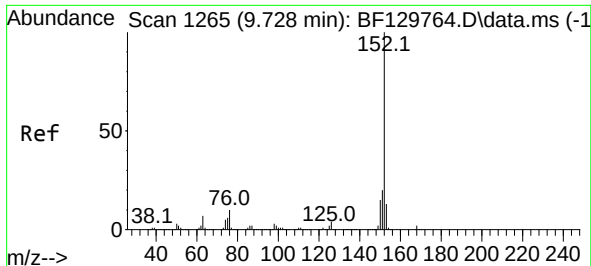
Tgt Ion:162 Resp: 569320
Ion Ratio Lower Upper
162 100
127 42.7 33.1 49.7
164 34.2 26.7 40.1



#48
2-Nitroaniline
Concen: 61.727 ng
RT: 9.381 min Scan# 1206
Delta R.T. 0.012 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion: 65 Resp: 205445
Ion Ratio Lower Upper
65 100
92 79.0 55.0 82.4
138 107.5 81.3 121.9

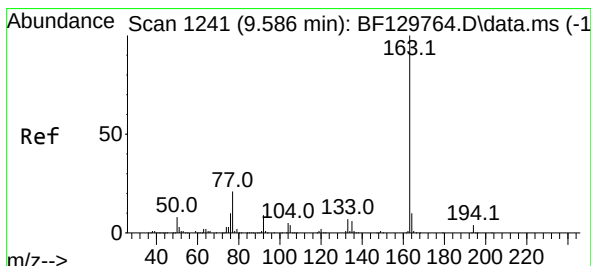
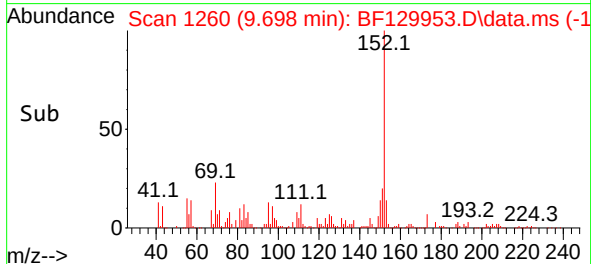
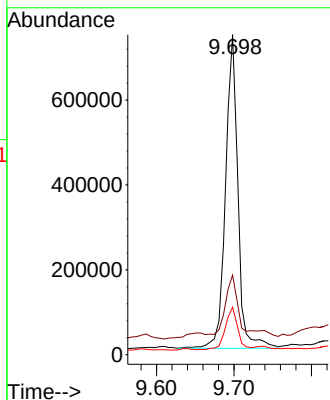
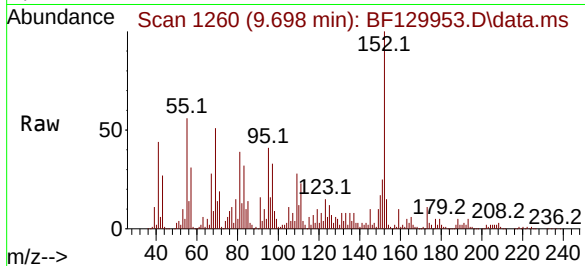




#49
Acenaphthylene
Concen: 51.577 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

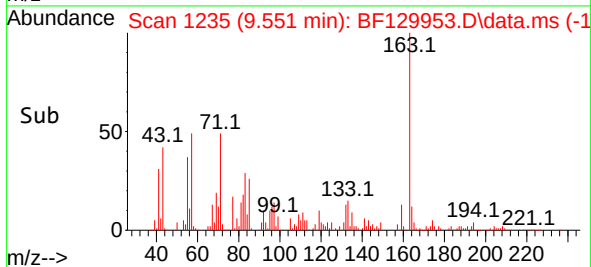
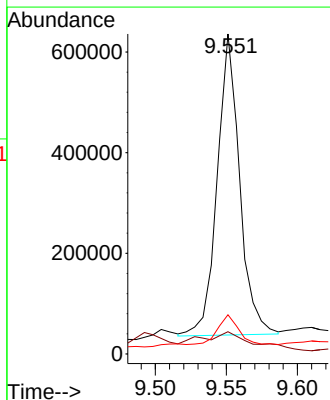
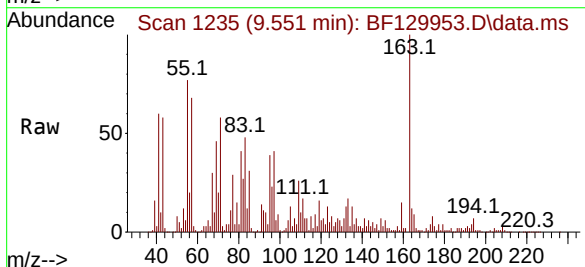
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

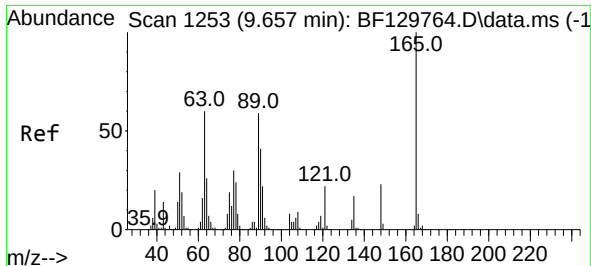
Tgt Ion:152 Resp: 823717
Ion Ratio Lower Upper
152 100
151 24.8 16.1 24.1#
153 14.8 10.6 16.0



#50
Dimethylphthalate
Concen: 52.236 ng
RT: 9.551 min Scan# 1235
Delta R.T. 0.012 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion:163 Resp: 656101
Ion Ratio Lower Upper
163 100
194 7.0 3.3 4.9#
164 12.3 8.2 12.2#

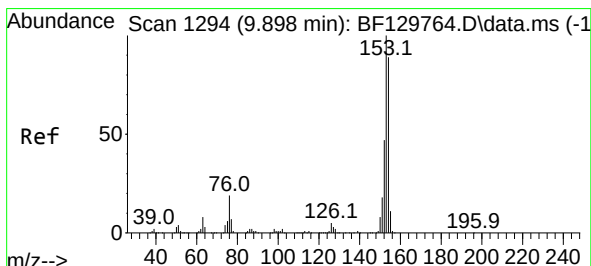
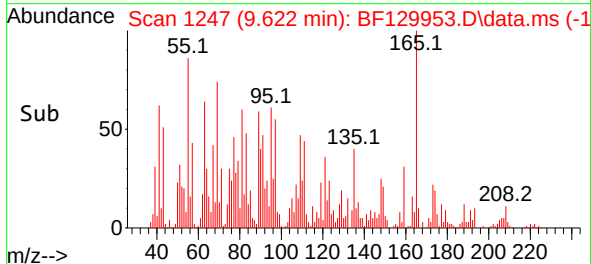
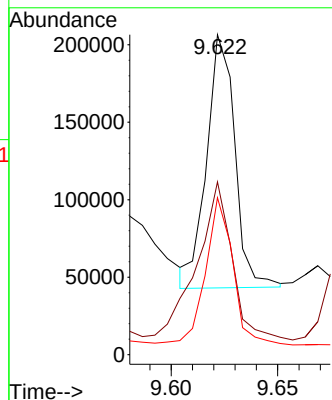
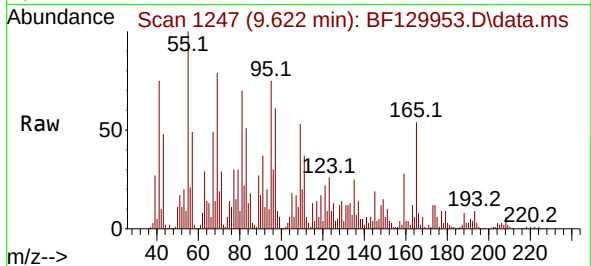




#51
2,6-Dinitrotoluene
Concen: 55.136 ng
RT: 9.622 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

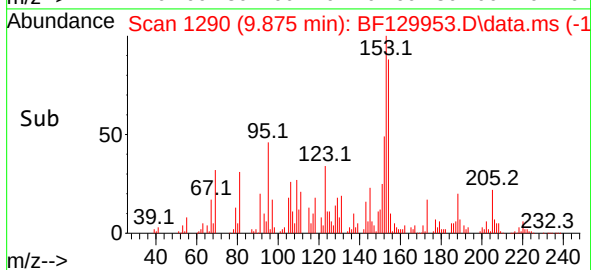
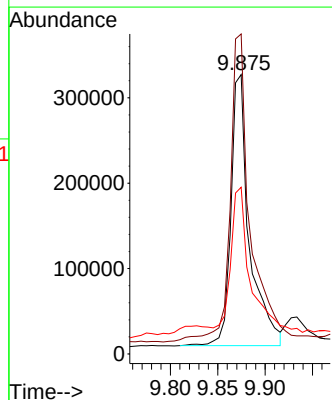
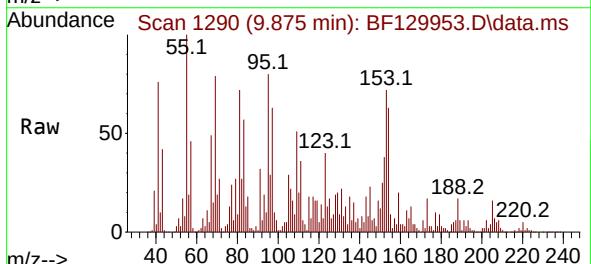
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

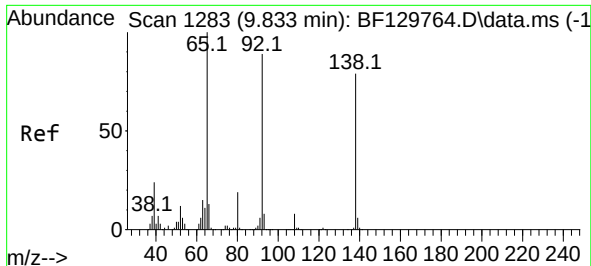
Tgt Ion:165 Resp: 150224
Ion Ratio Lower Upper
165 100
63 54.0 47.8 71.8
89 49.0 47.2 70.8



#52
Acenaphthene
Concen: 44.445 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.024 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion:154 Resp: 430643
Ion Ratio Lower Upper
154 100
153 114.6 89.8 134.6
152 59.7 42.1 63.1

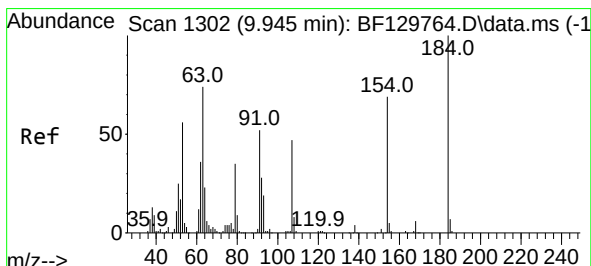
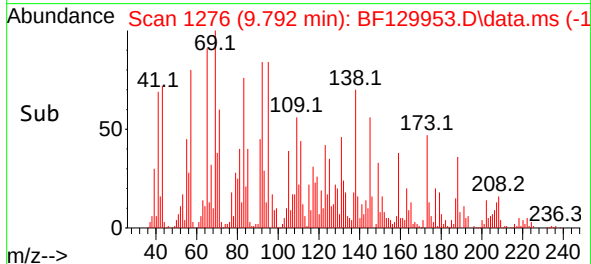
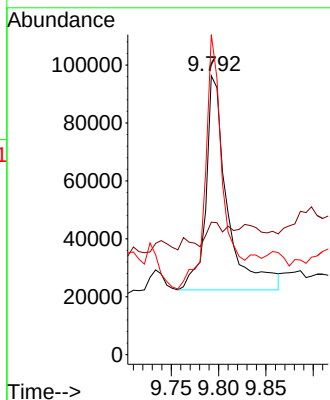
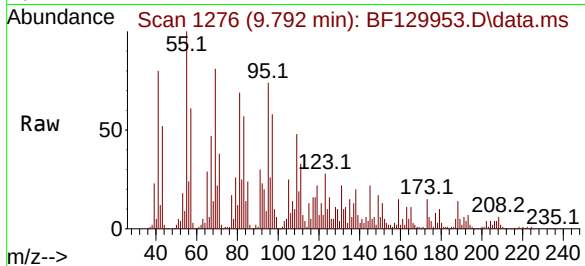




#53
3-Nitroaniline
Concen: 38.660 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

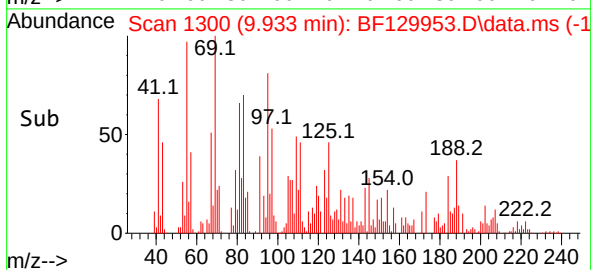
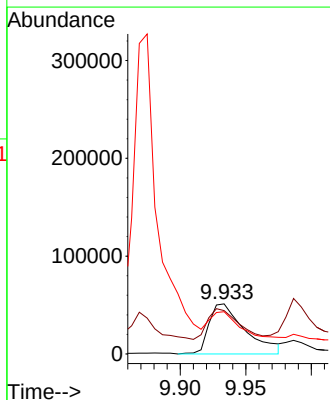
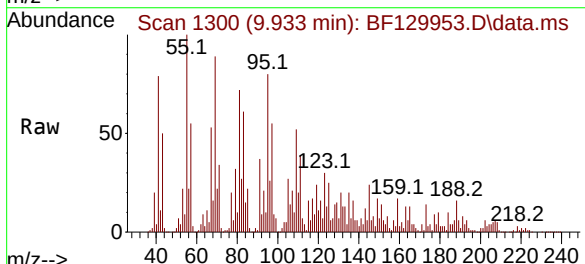
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

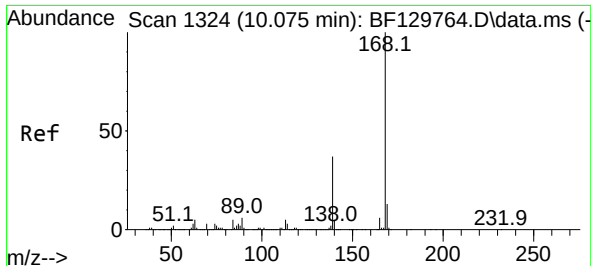
Tgt Ion:138 Resp: 116486
Ion Ratio Lower Upper
138 100
108 47.5 8.4 12.6#
92 114.7 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 80.128 ng
RT: 9.933 min Scan# 1300
Delta R.T. 0.030 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion:184 Resp: 98718
Ion Ratio Lower Upper
184 100
63 86.5 59.6 89.4
154 84.3 55.3 82.9#

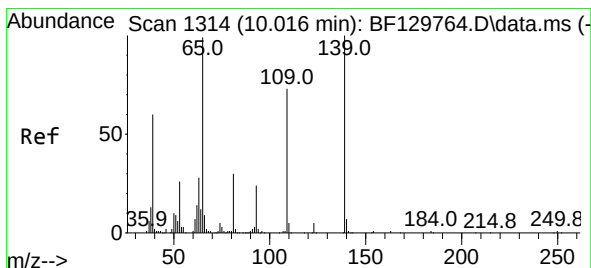
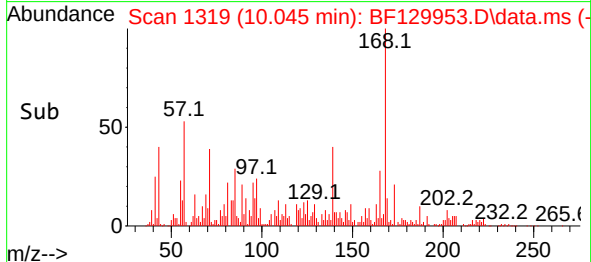
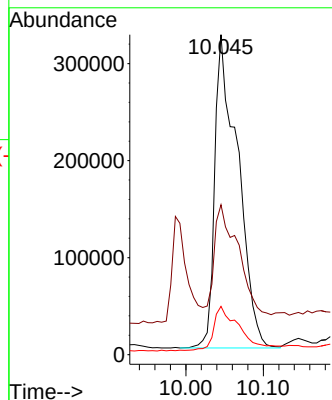
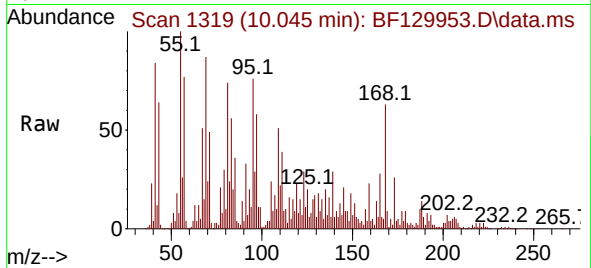




#55
Dibenzofuran
Concen: 45.816 ng
RT: 10.045 min Scan# 1319
Delta R.T. 0.024 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

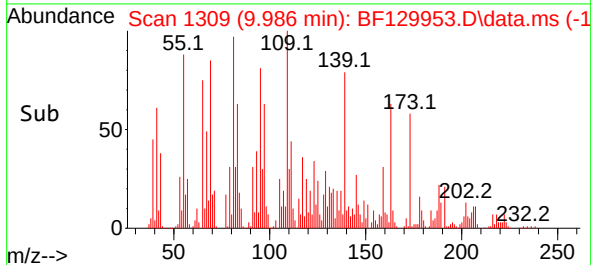
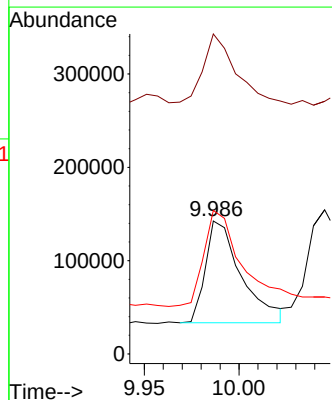
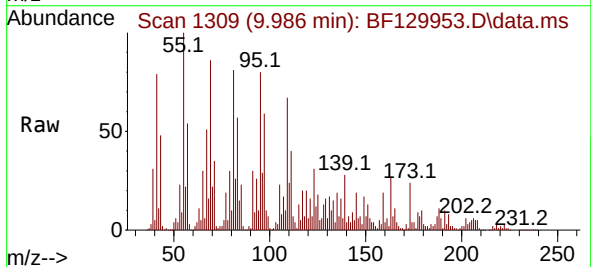
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

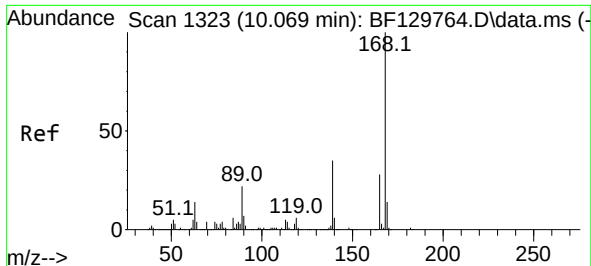
Tgt Ion:168 Resp: 666936
Ion Ratio Lower Upper
168 100
139 46.9 31.3 46.9
169 15.1 10.7 16.1



#56
4-Nitrophenol
Concen: 107.588 ng
RT: 9.986 min Scan# 1309
Delta R.T. 0.012 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion:139 Resp: 144219
Ion Ratio Lower Upper
139 100
109 240.7 52.9 92.9#
65 107.9 79.5 119.5

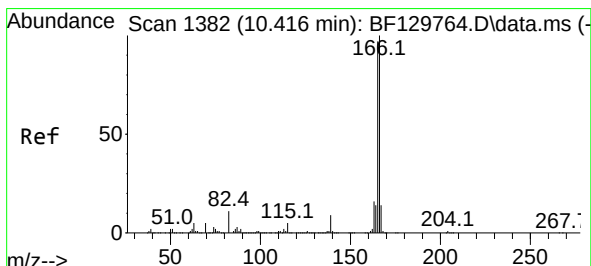
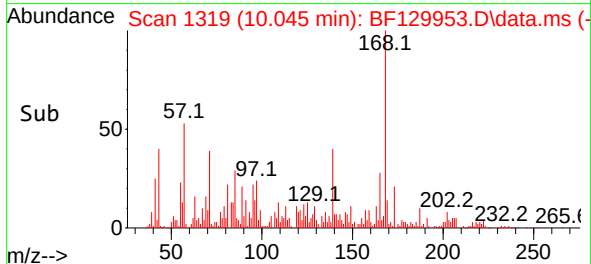
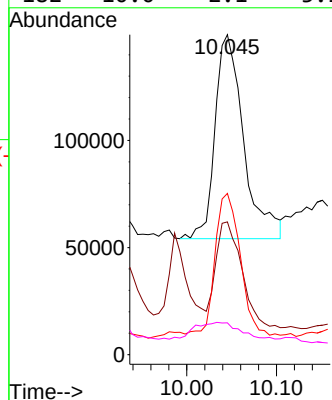
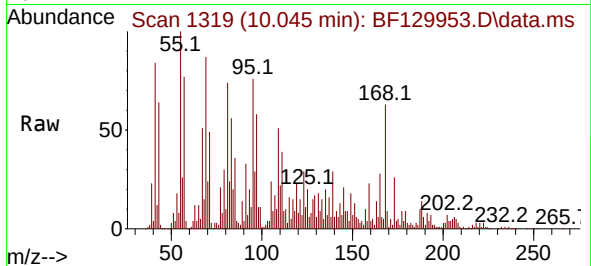




#57
2,4-Dinitrotoluene
Concen: 59.757 ng
RT: 10.045 min Scan# 1319
Delta R.T. 0.024 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

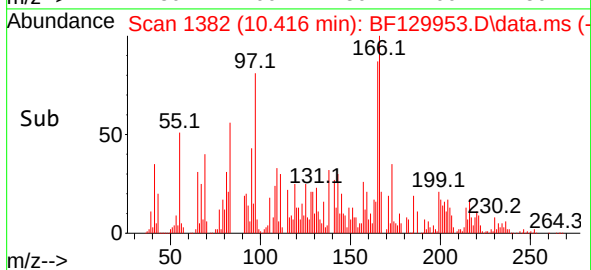
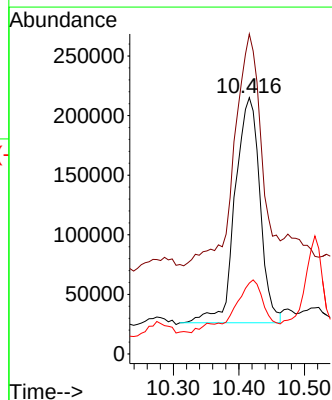
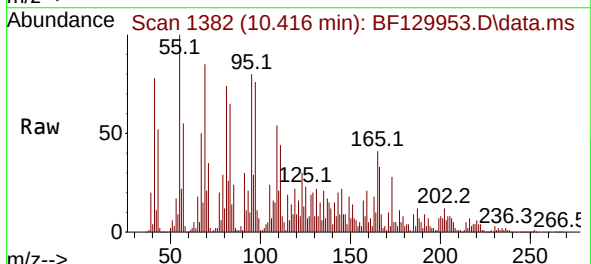
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

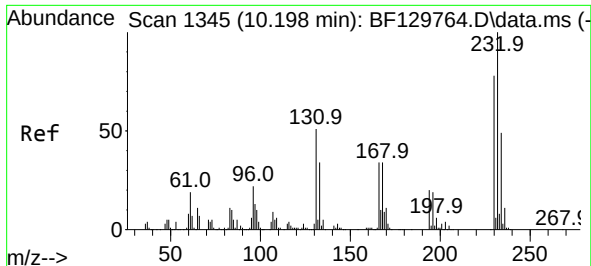
Tgt Ion:165 Resp: 211356
Ion Ratio Lower Upper
165 100
63 41.5 48.4 72.6#
89 50.4 62.3 93.5#
182 10.0 2.1 3.1#



#58
Fluorene
Concen: 41.074 ng
RT: 10.416 min Scan# 1382
Delta R.T. 0.053 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

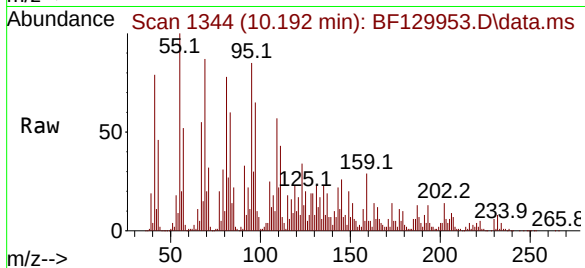
Tgt Ion:166 Resp: 499233
Ion Ratio Lower Upper
166 100
165 124.9 77.9 116.9#
167 27.6 11.0 16.4#



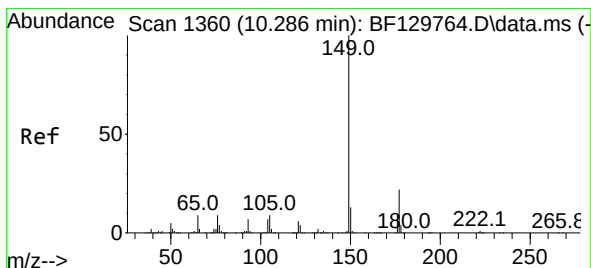
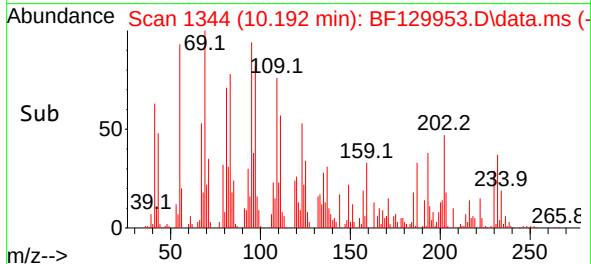
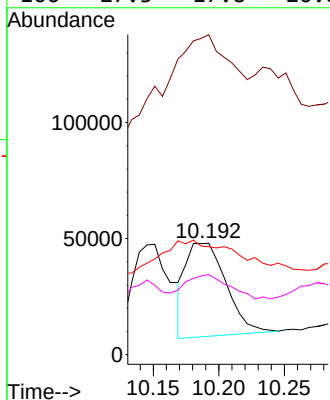


#59
2,3,4,6-Tetrachlorophenol
Concen: 34.512 ng
RT: 10.192 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

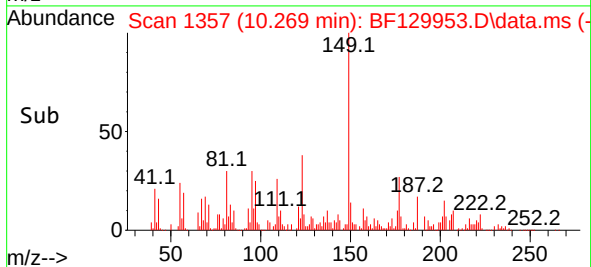
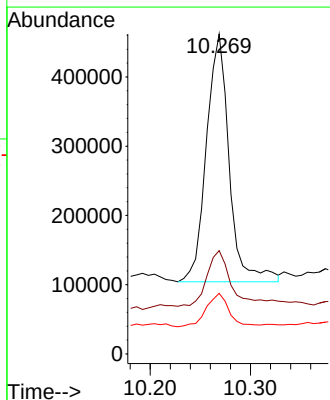
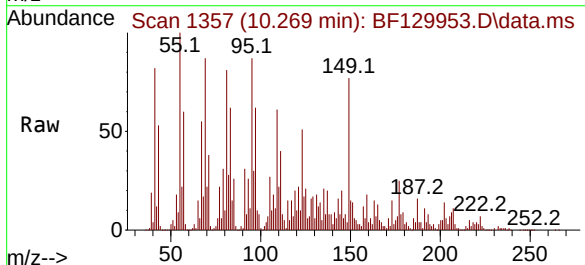


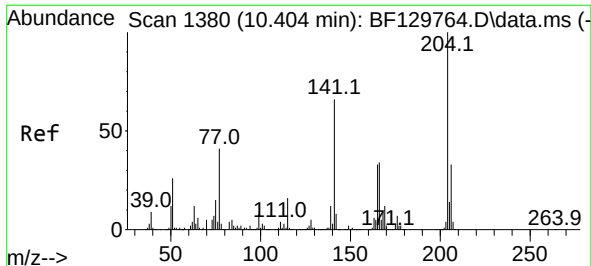
Tgt Ion:232 Resp: 86275
Ion Ratio Lower Upper
232 100
131 215.0 29.9 44.9#
130 68.4 1.5 2.3#
166 27.3 17.8 26.8#



#60
Diethylphthalate
Concen: 45.135 ng
RT: 10.269 min Scan# 1357
Delta R.T. 0.030 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion:149 Resp: 565272
Ion Ratio Lower Upper
149 100
177 32.3 17.7 26.5#
150 19.0 10.1 15.1#

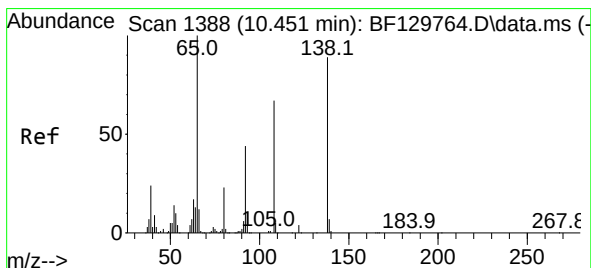
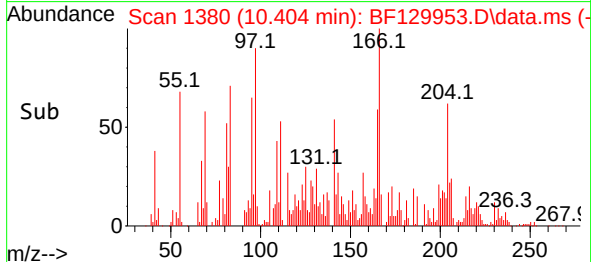
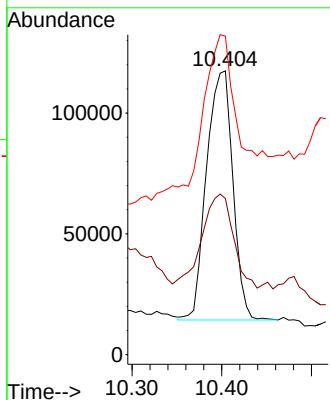
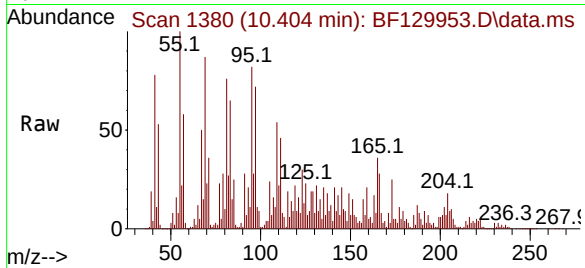




#61
4-Chlorophenyl-phenylether
Concen: 38.481 ng
RT: 10.404 min Scan# 1380
Delta R.T. 0.053 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

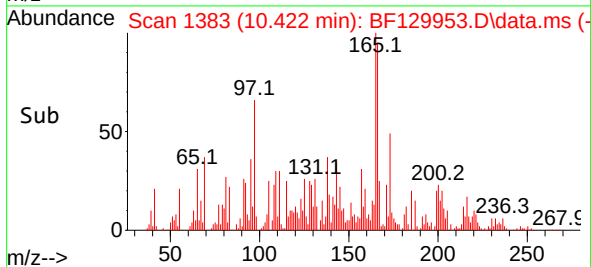
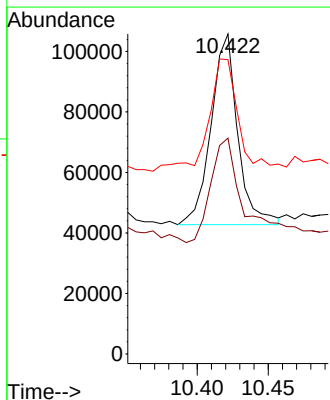
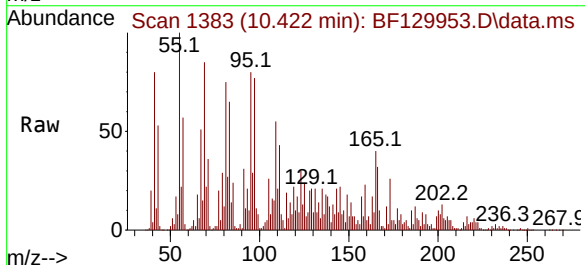
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

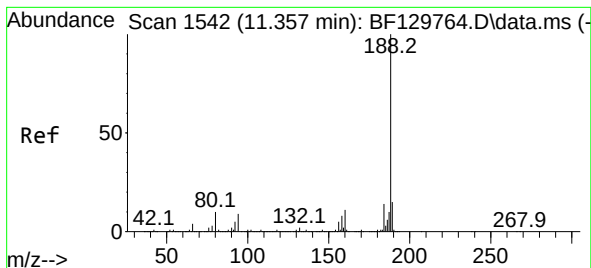
Tgt Ion:204 Resp: 209896
Ion Ratio Lower Upper
204 100
206 55.0 26.5 39.7#
141 112.3 52.6 79.0#



#62
4-Nitroaniline
Concen: 27.099 ng
RT: 10.422 min Scan# 1383
Delta R.T. 0.018 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion:138 Resp: 82374
Ion Ratio Lower Upper
138 100
92 67.4 30.3 70.3
108 91.9 55.7 95.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-21153MSD

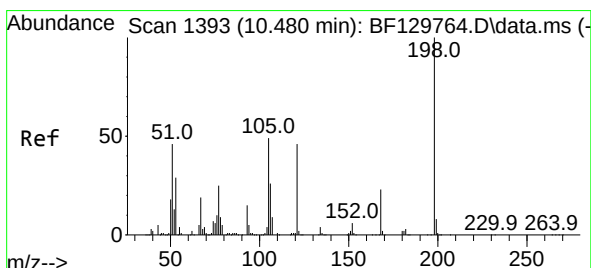
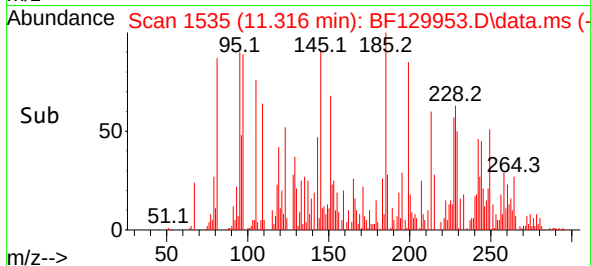
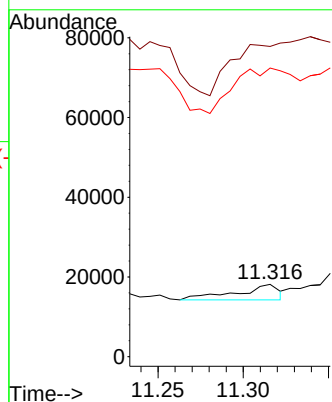
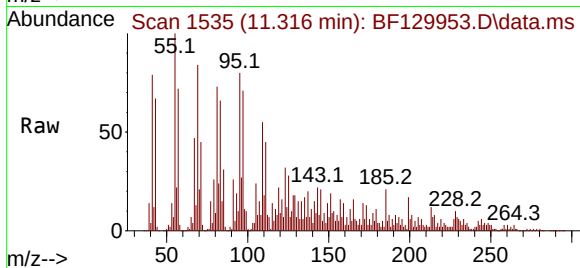
Tgt Ion:188 Resp: 6714

Ion Ratio Lower Upper

188 100

94 428.5 7.4 11.2#

80 398.9 7.9 11.9#



#65

4,6-Dinitro-2-methylphenol

Concen: 1229.479 ng

RT: 10.475 min Scan# 1392

Delta R.T. 0.035 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

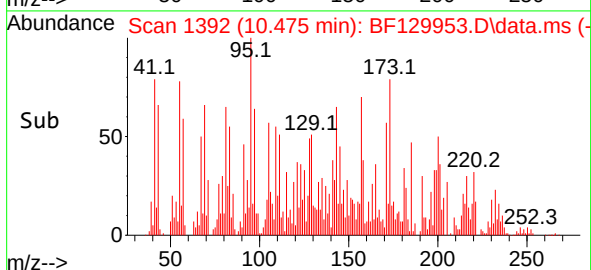
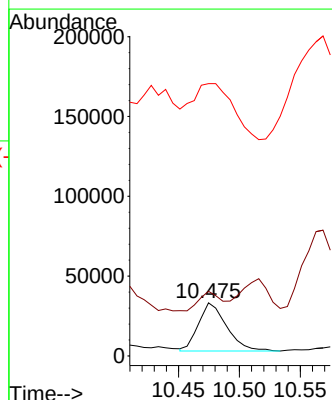
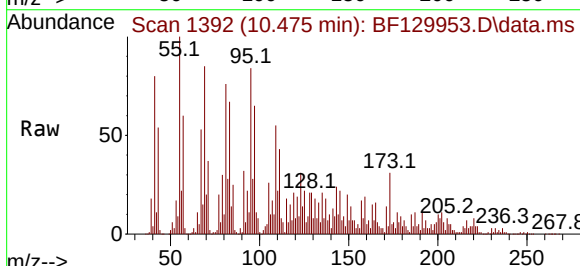
Tgt Ion:198 Resp: 48460

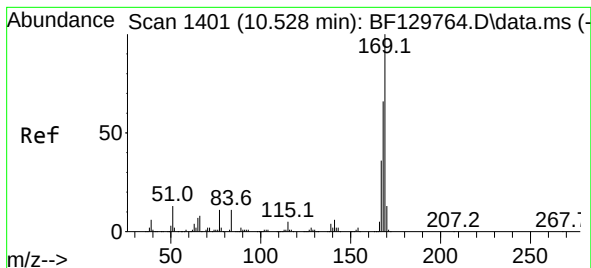
Ion Ratio Lower Upper

198 100

51 122.0 29.4 69.4#

105 513.2 29.2 69.2#

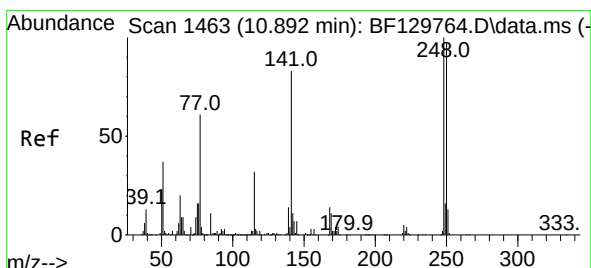
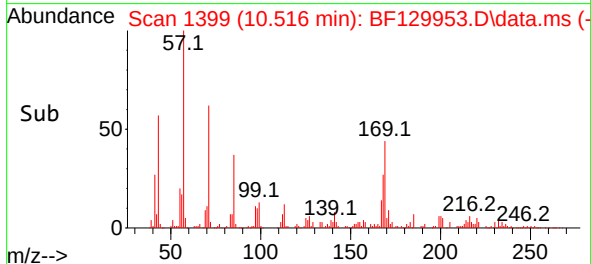
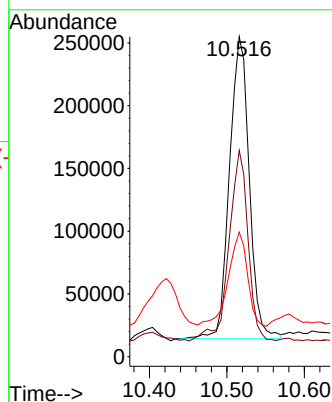
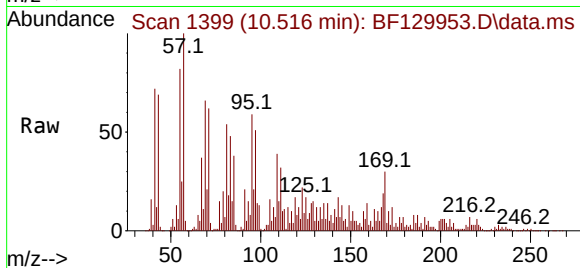




#66
n-Nitrosodiphenylamine
Concen: 1886.514 ng
RT: 10.516 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

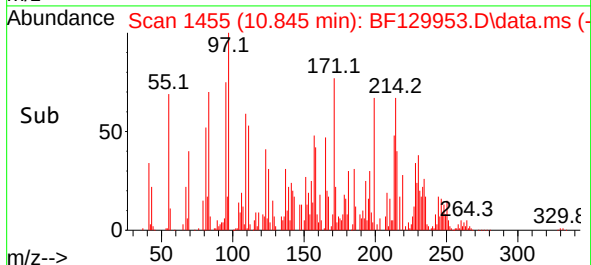
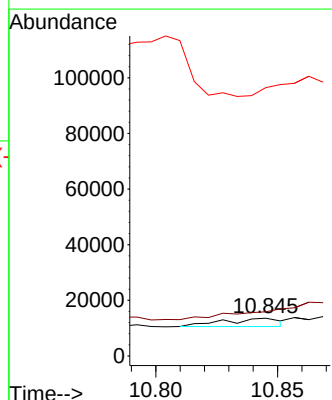
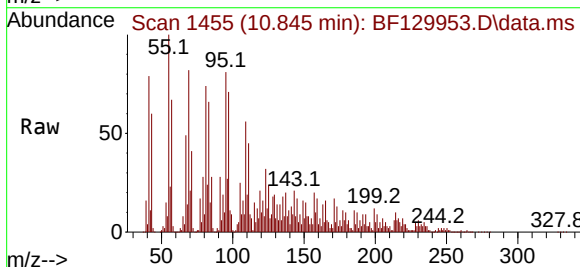
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

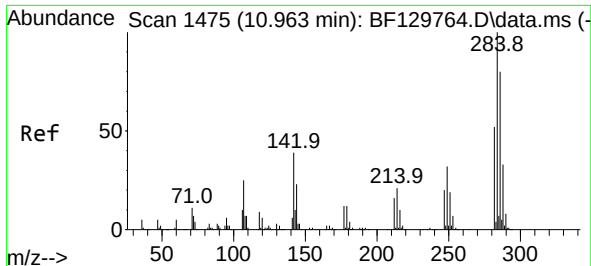
Tgt Ion:169 Resp: 427506
Ion Ratio Lower Upper
169 100
168 64.4 53.4 80.2
167 38.9 29.1 43.7



#67
4-Bromophenyl-phenylether
Concen: 59.920 ng
RT: 10.845 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion:248 Resp: 4712
Ion Ratio Lower Upper
248 100
250 117.1 77.8 116.6#
141 710.3 66.2 99.2#

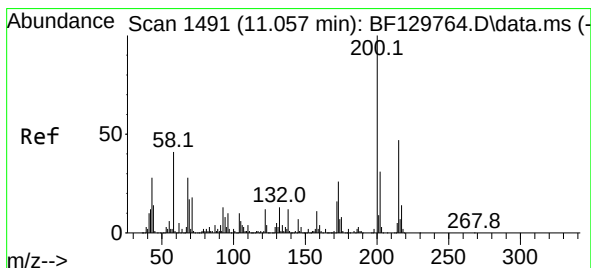
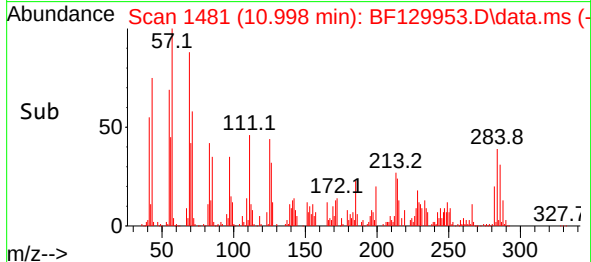
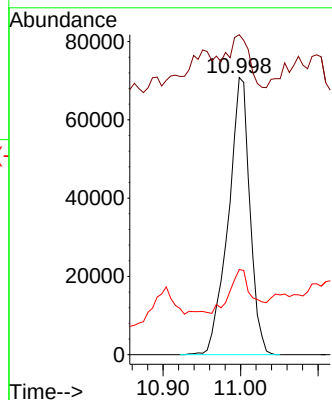
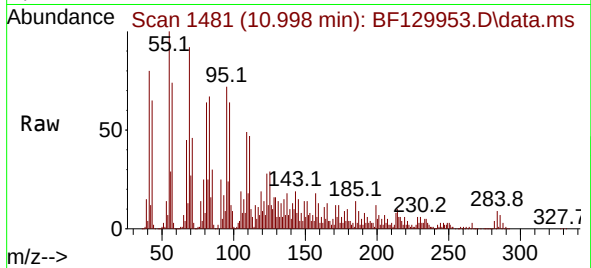




#68
Hexachlorobenzene
Concen: 1609.719 ng
RT: 10.998 min Scan# 1475
Delta R.T. 0.082 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

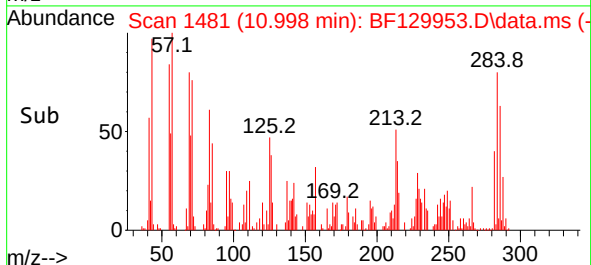
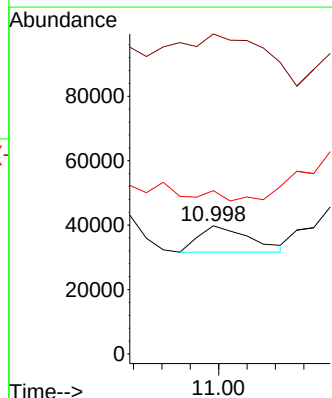
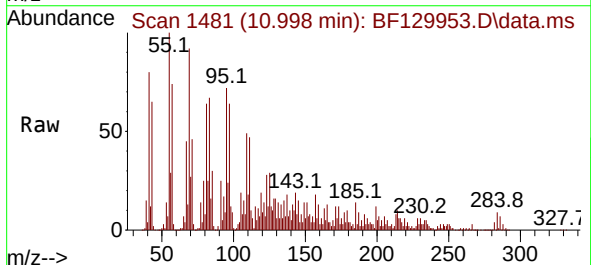
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

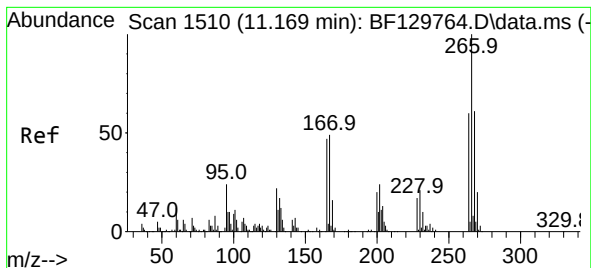
Tgt Ion:284 Resp: 137122
Ion Ratio Lower Upper
284 100
142 115.5 31.4 47.0#
249 30.7 25.7 38.5



#69
Atrazine
Concen: 146.536 ng
RT: 10.998 min Scan# 1481
Delta R.T. -0.012 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion:200 Resp: 10192
Ion Ratio Lower Upper
200 100
173 249.7 6.4 46.4#
215 127.5 27.1 67.1#





#70

Pentachlorophenol

Concen: 1920.653 ng

RT: 11.192 min Scan# 1514

Delta R.T. 0.071 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-21153MSD

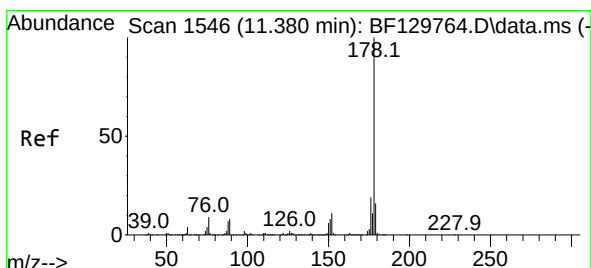
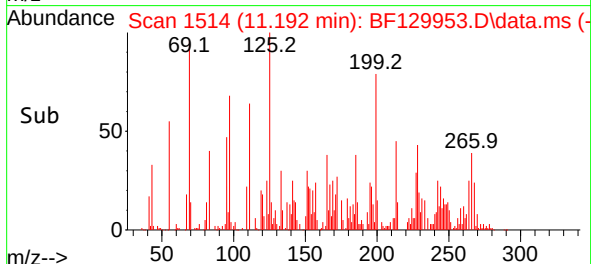
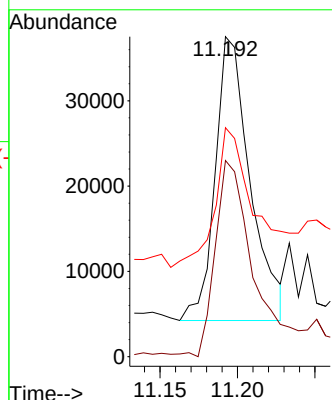
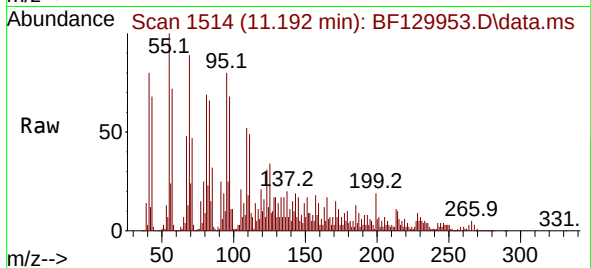
Tgt Ion:266 Resp: 52297

Ion Ratio Lower Upper

266 100

268 61.3 49.0 73.4

264 71.5 47.9 71.9



#71

Phenanthrene

Concen: 1254.814 ng

RT: 11.410 min Scan# 1551

Delta R.T. 0.082 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

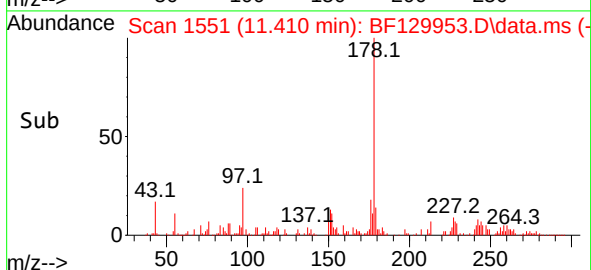
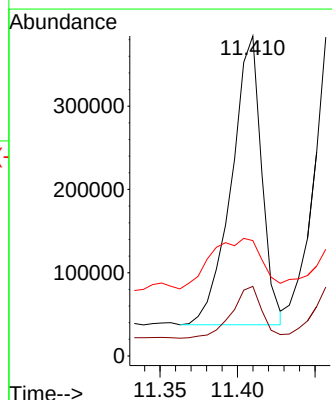
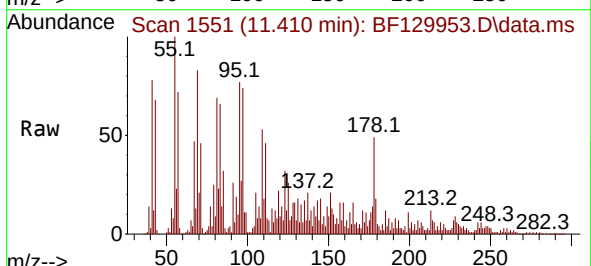
Tgt Ion:178 Resp: 470524

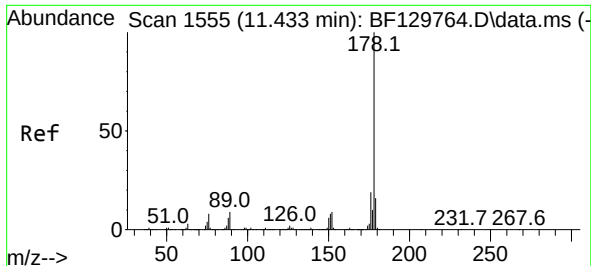
Ion Ratio Lower Upper

178 100

176 21.8 15.5 23.3

179 36.0 12.5 18.7#

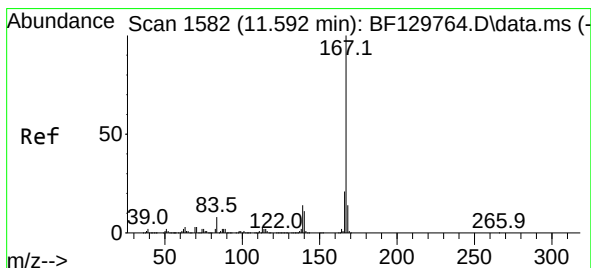
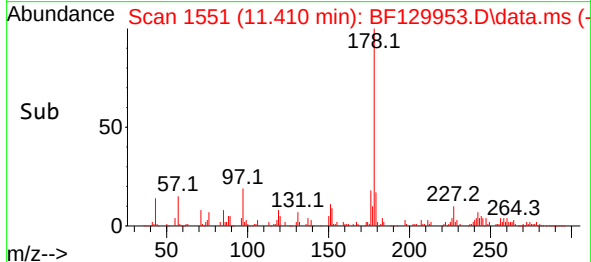
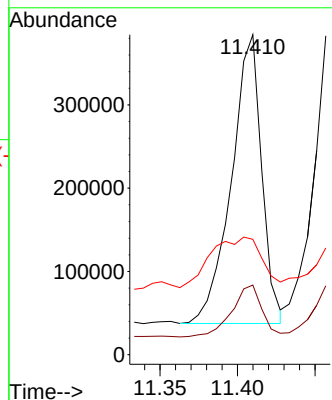
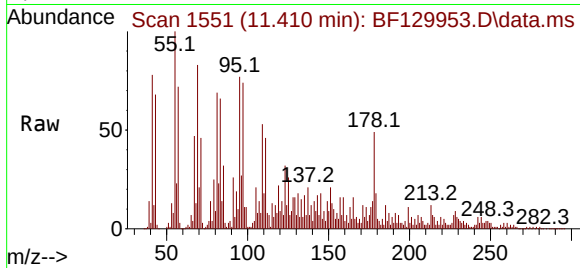




#72
 Anthracene
 Concen: 1261.816 ng
 RT: 11.410 min Scan# 1551
 Delta R.T. 0.030 min
 Lab File: BF129953.D
 Acq: 23 Aug 2022 14:49

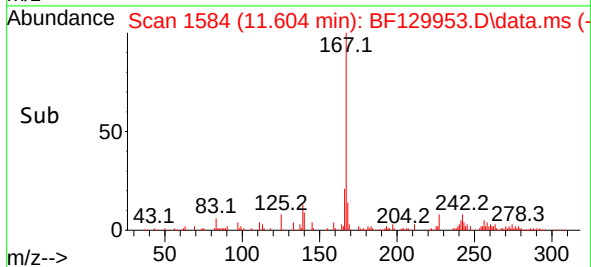
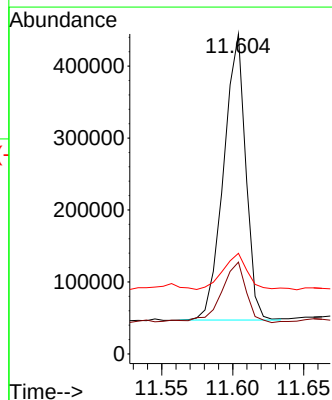
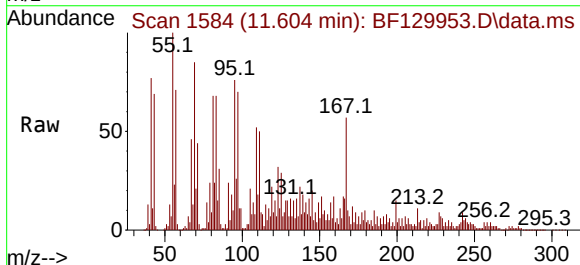
Instrument :
 BNA_F
 ClientSampleId :
 RBR-21153MSD

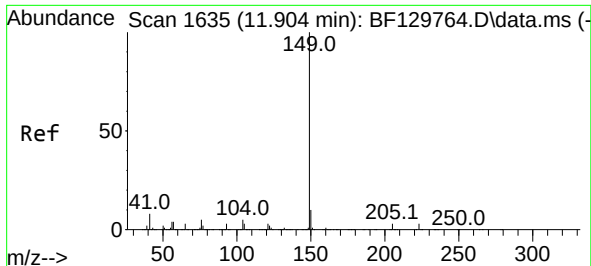
Tgt Ion:178 Resp: 470524
 Ion Ratio Lower Upper
 178 100
 176 21.8 15.1 22.7
 179 36.0 12.6 18.8#



#73
 Carbazole
 Concen: 1270.870 ng
 RT: 11.604 min Scan# 1584
 Delta R.T. 0.059 min
 Lab File: BF129953.D
 Acq: 23 Aug 2022 14:49

Tgt Ion:167 Resp: 430188
 Ion Ratio Lower Upper
 167 100
 166 28.7 17.1 25.7#
 139 31.5 11.0 16.6#

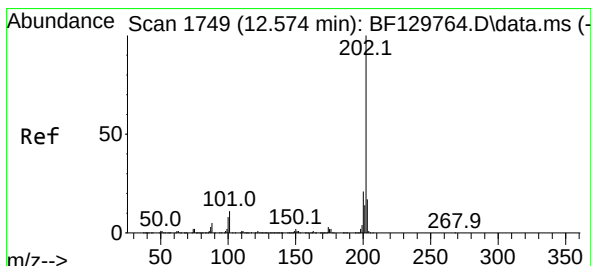
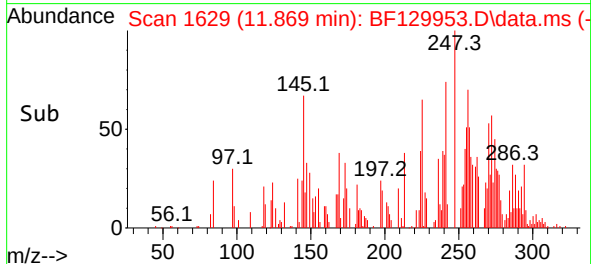
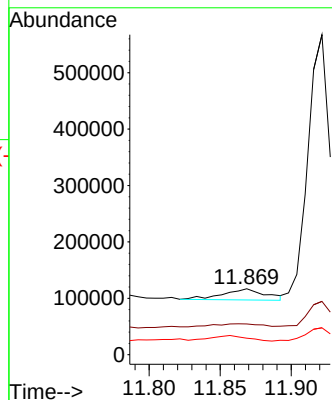
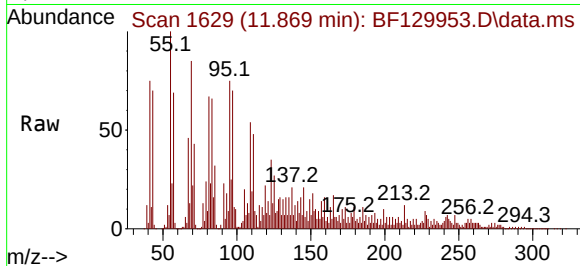




#74
Di-n-butylphthalate
Concen: 92.611 ng
RT: 11.869 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

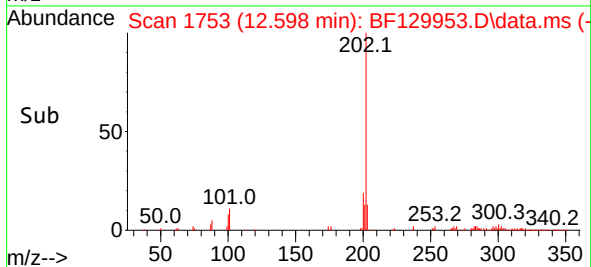
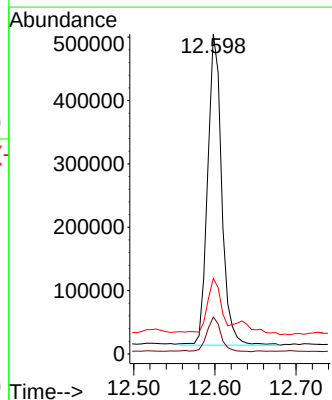
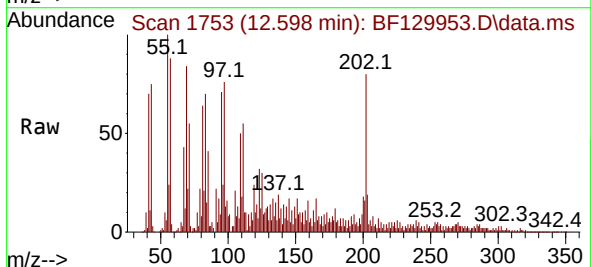
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

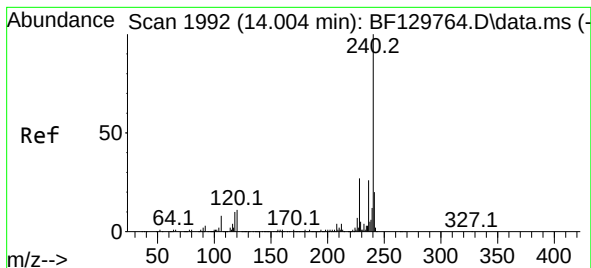
Tgt Ion:149 Resp: 40346
Ion Ratio Lower Upper
149 100
150 46.5 7.8 11.6#
104 25.1 4.2 6.4#



#75
Fluoranthene
Concen: 1539.425 ng
RT: 12.598 min Scan# 1753
Delta R.T. 0.077 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion:202 Resp: 590689
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.7
203 23.6 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 1991

Delta R.T. 0.047 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-21153MSD

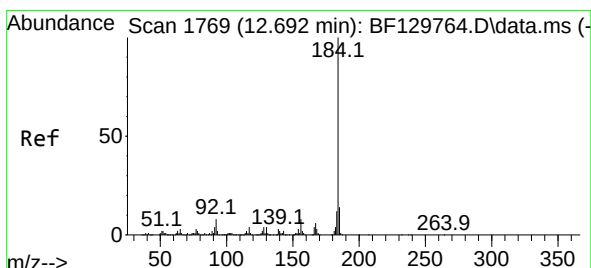
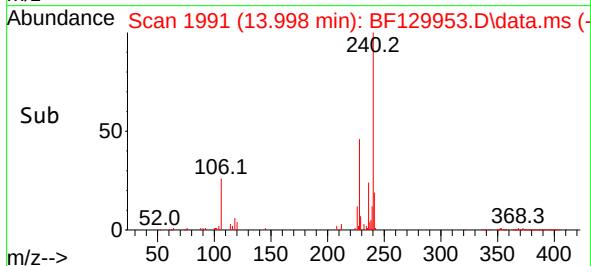
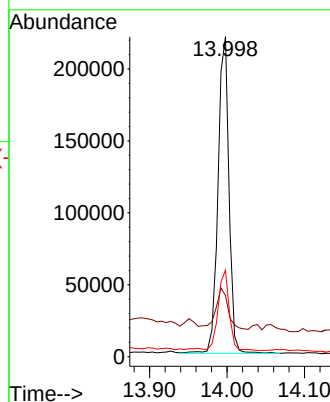
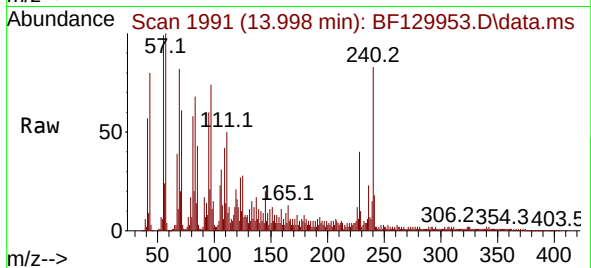
Tgt Ion:240 Resp: 216311

Ion Ratio Lower Upper

240 100

120 19.1 9.2 13.8#

236 27.1 20.7 31.1



#77

Benzidine

Concen: 24.938 ng

RT: 12.692 min Scan# 1769

Delta R.T. 0.047 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

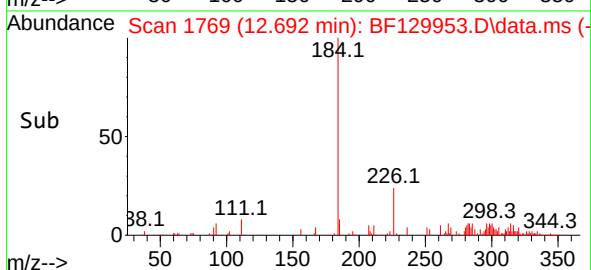
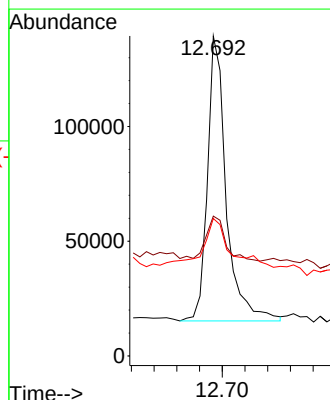
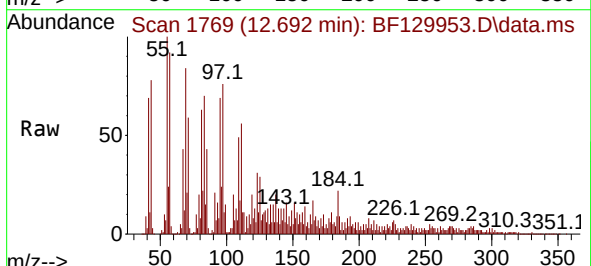
Tgt Ion:184 Resp: 141869

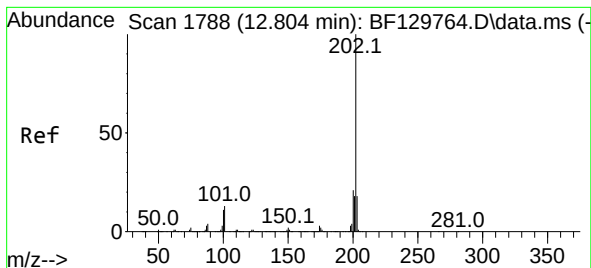
Ion Ratio Lower Upper

184 100

185 43.7 11.4 17.2#

183 42.9 9.4 14.2#





#78

Pyrene

Concen: 32.650 ng

RT: 12.827 min Scan# 1

Delta R.T. 0.077 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-21153MSD

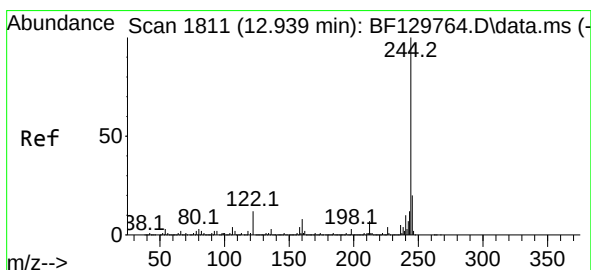
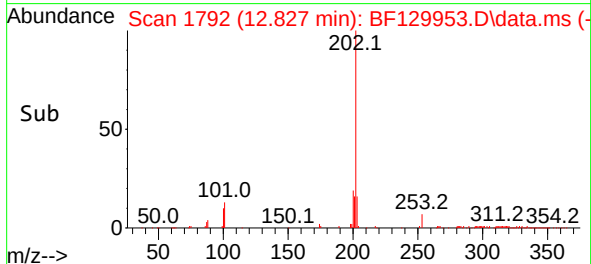
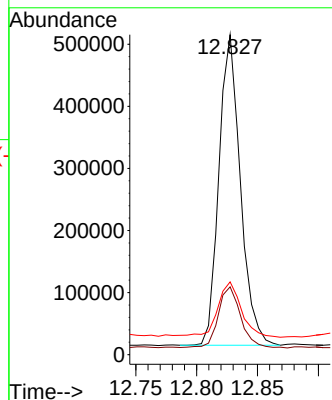
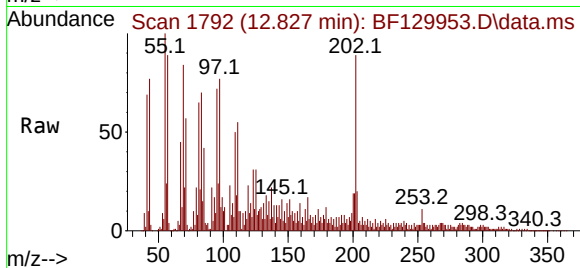
Tgt Ion:202 Resp: 613735

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

203 22.7 14.1 21.1#



#79

Terphenyl-d14

Concen: 68.890 ng

RT: 12.951 min Scan# 1813

Delta R.T. 0.065 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

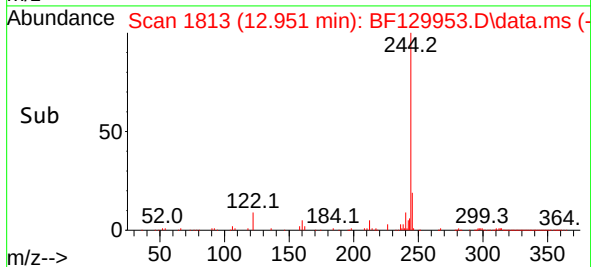
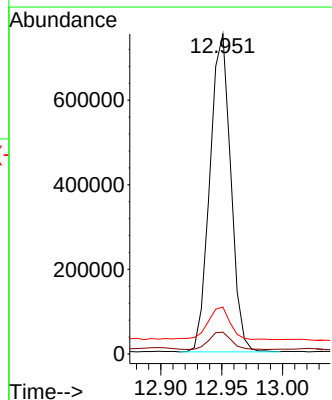
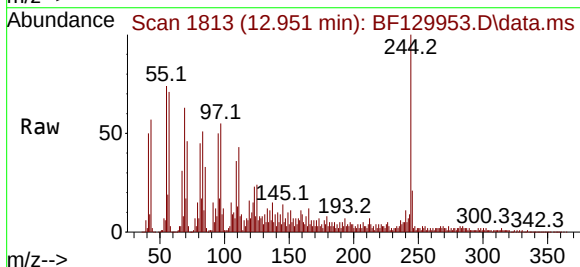
Tgt Ion:244 Resp: 895565

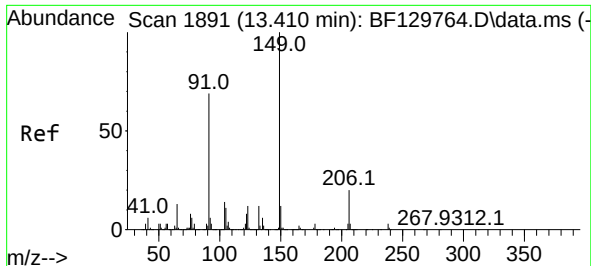
Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 14.6 9.9 14.9

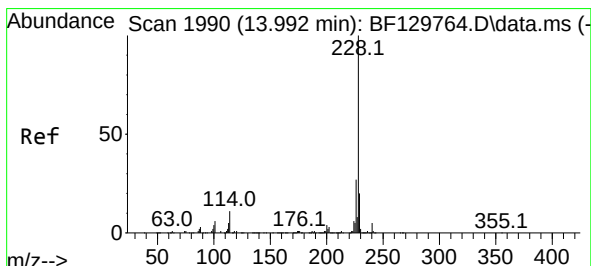
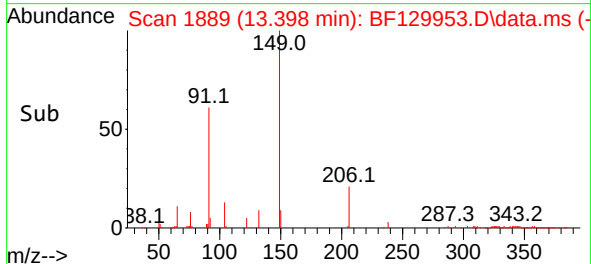
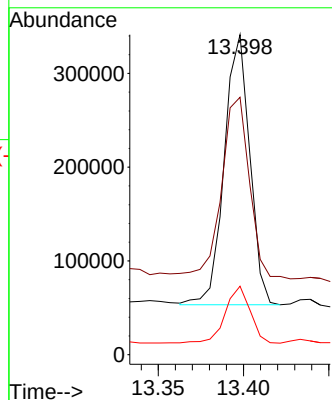
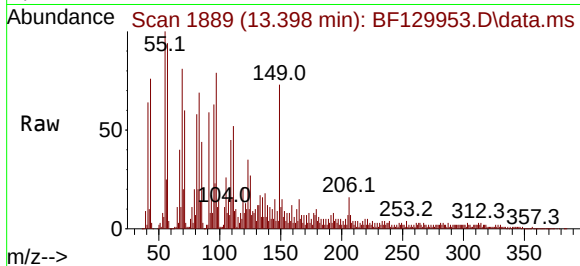




#80
Butylbenzylphthalate
Concen: 37.589 ng
RT: 13.398 min Scan# 1889
Delta R.T. 0.041 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

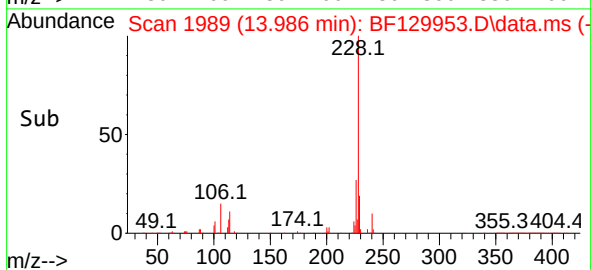
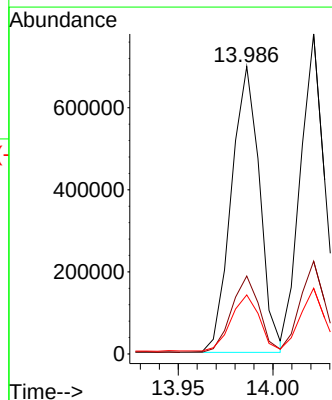
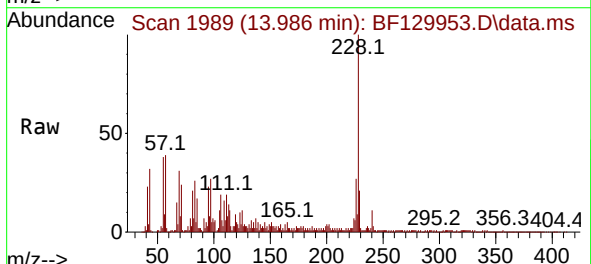
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

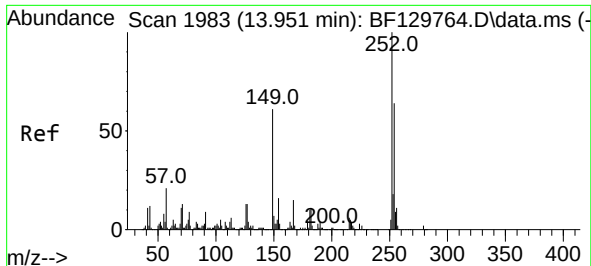
Tgt Ion:149 Resp: 298985
Ion Ratio Lower Upper
149 100
91 80.5 55.4 83.0
206 21.4 15.8 23.6



#81
Benzo(a)anthracene
Concen: 48.642 ng
RT: 13.986 min Scan# 1989
Delta R.T. 0.047 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion:228 Resp: 723798
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.0
229 20.6 16.1 24.1

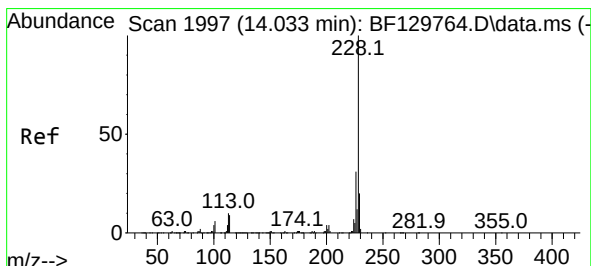
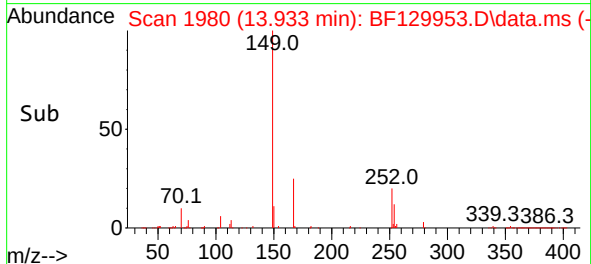
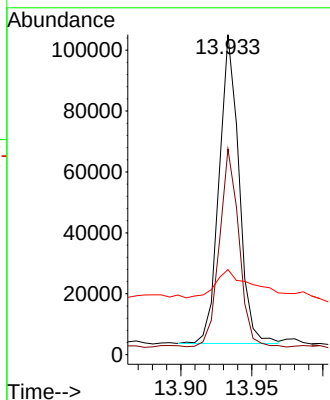
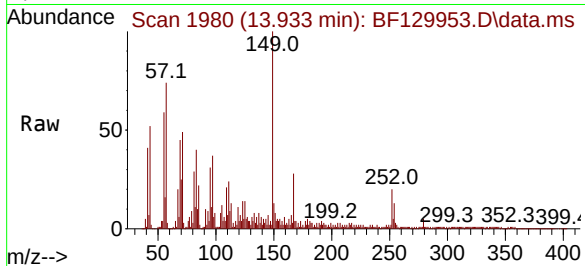




#82
 3,3'-Dichlorobenzidine
 Concen: 21.307 ng
 RT: 13.933 min Scan# 1980
 Delta R.T. 0.035 min
 Lab File: BF129953.D
 Acq: 23 Aug 2022 14:49

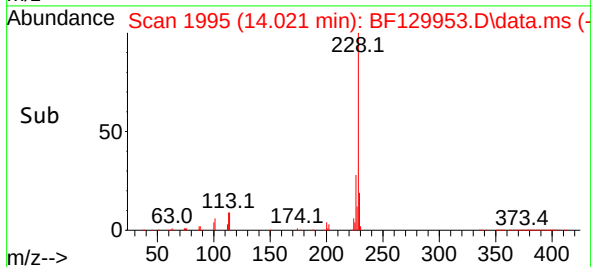
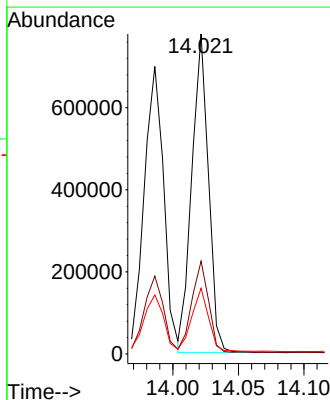
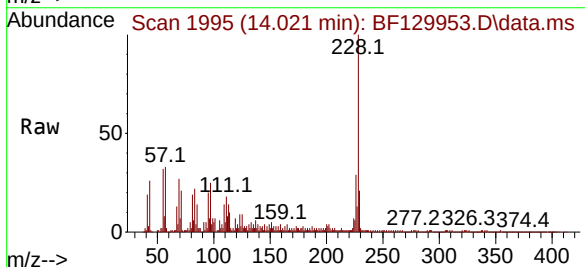
Instrument :
 BNA_F
 ClientSampleId :
 RBR-21153MSD

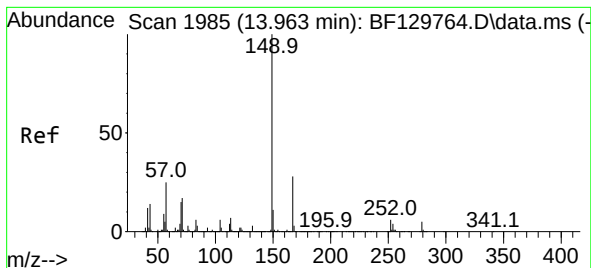
Tgt Ion:252 Resp: 98193
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.4 77.2
 126 26.6 10.2 15.4#



#83
 Chrysene
 Concen: 49.202 ng
 RT: 14.021 min Scan# 1995
 Delta R.T. 0.041 min
 Lab File: BF129953.D
 Acq: 23 Aug 2022 14:49

Tgt Ion:228 Resp: 685339
 Ion Ratio Lower Upper
 228 100
 226 29.0 24.4 36.6
 229 20.6 15.9 23.9

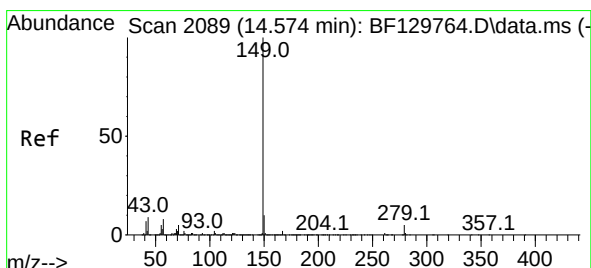
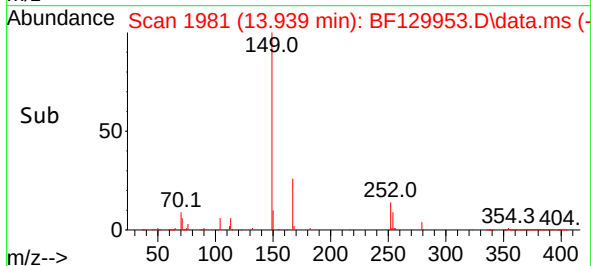
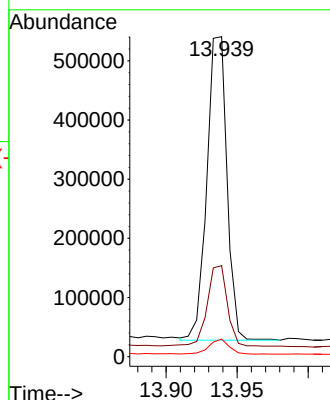
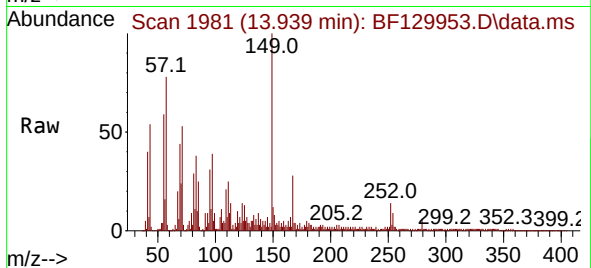




#84
Bis(2-ethylhexyl)phthalate
Concen: 53.773 ng
RT: 13.939 min Scan# 1985
Delta R.T. 0.030 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

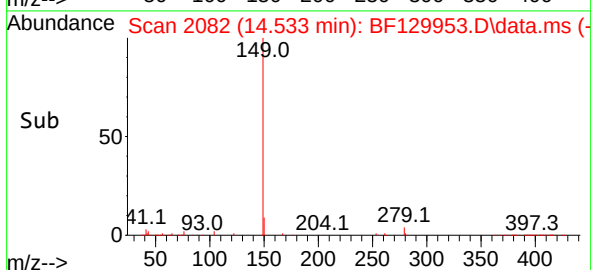
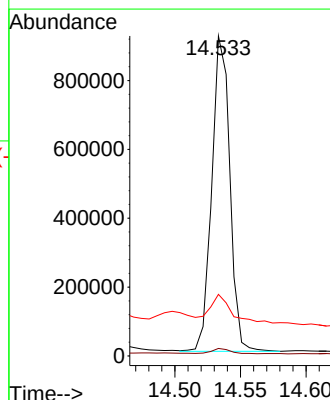
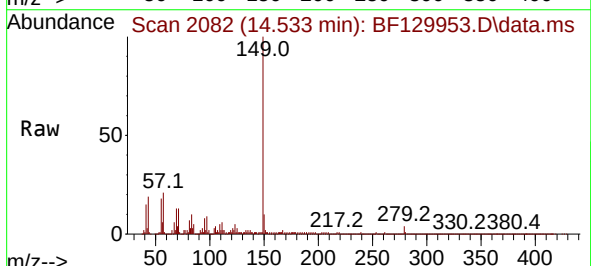
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

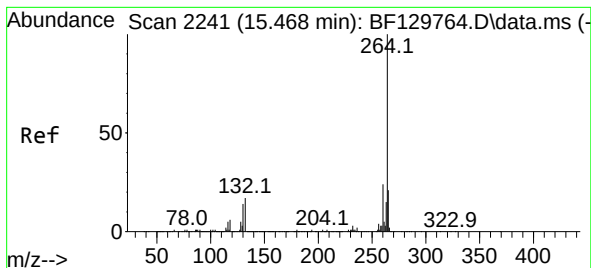
Tgt Ion:149 Resp: 507435
Ion Ratio Lower Upper
149 100
167 28.5 22.0 33.0
279 5.5 3.6 5.4#



#85
Di-n-octyl phthalate
Concen: 67.205 ng
RT: 14.533 min Scan# 2082
Delta R.T. 0.012 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion:149 Resp: 875465
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 30.5 7.8 11.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-21153MSD

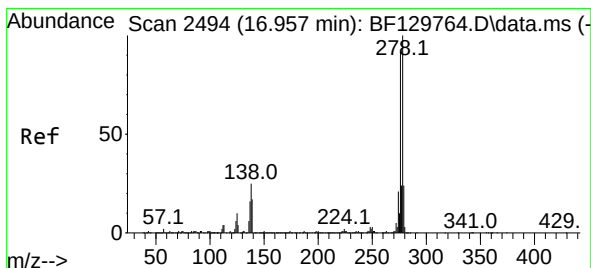
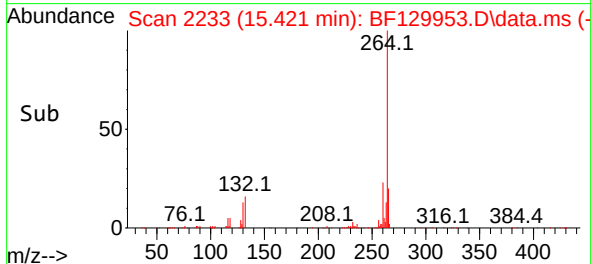
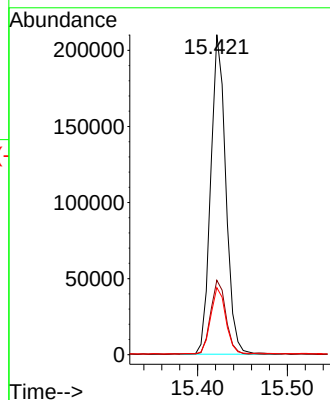
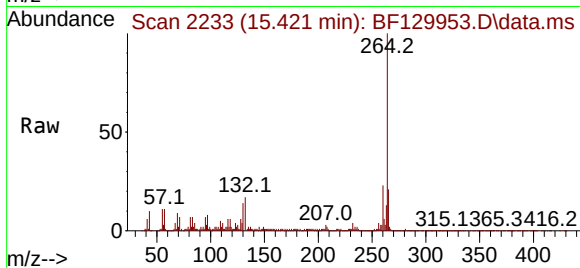
Tgt Ion:264 Resp: 245118

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 20.9 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 56.005 ng

RT: 16.880 min Scan# 2481

Delta R.T. 0.024 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

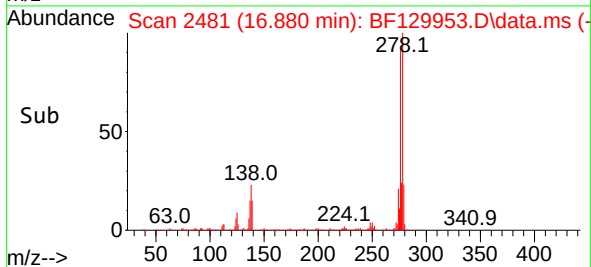
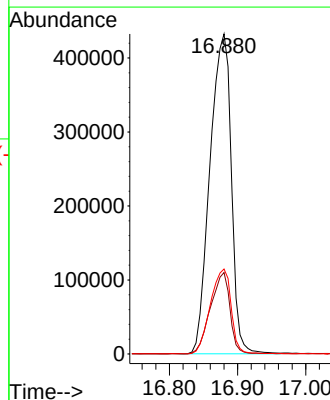
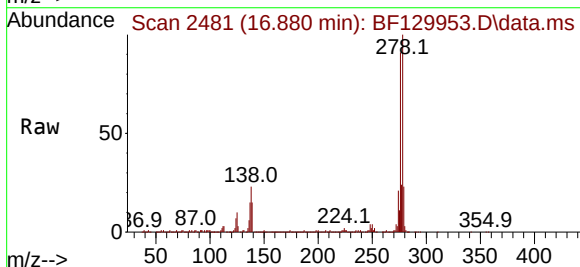
Tgt Ion:276 Resp: 942438

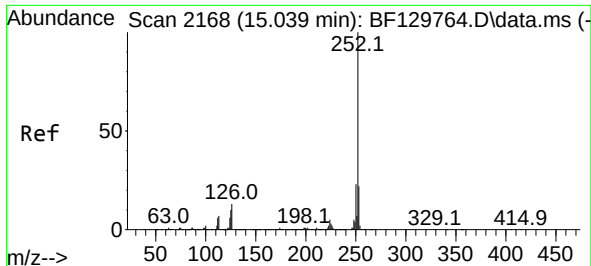
Ion Ratio Lower Upper

276 100

138 23.1 19.8 29.8

277 25.7 20.4 30.6

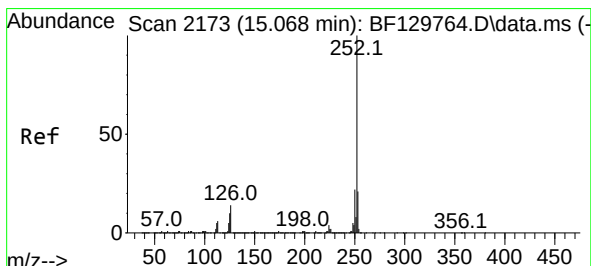
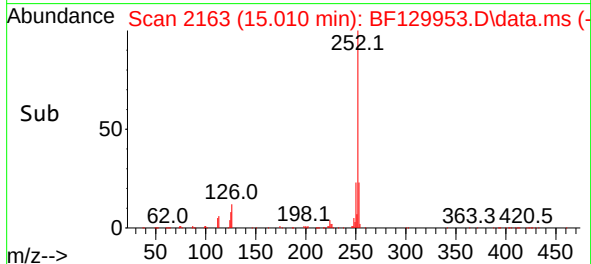
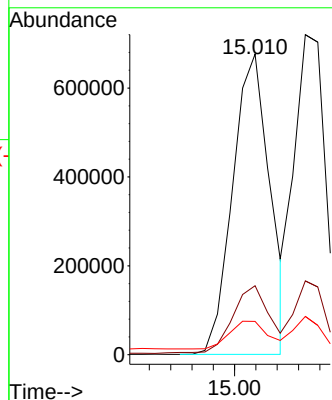
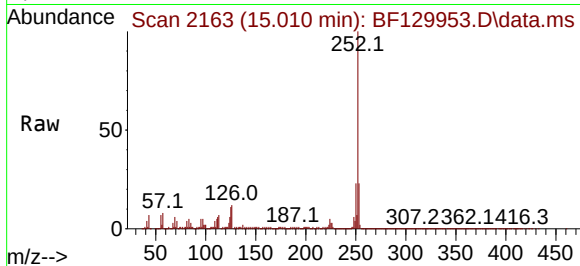




#88
Benzo(b)fluoranthene
Concen: 48.959 ng
RT: 15.010 min Scan# 2163
Delta R.T. 0.030 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

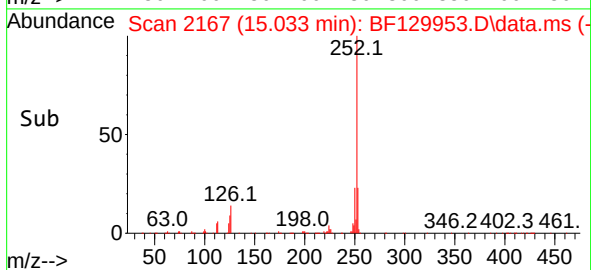
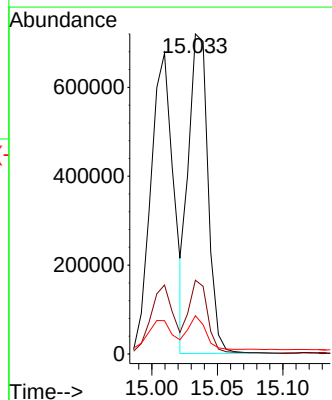
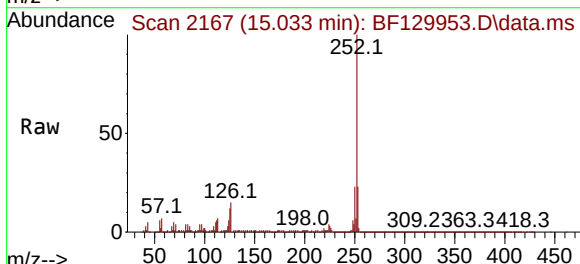
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

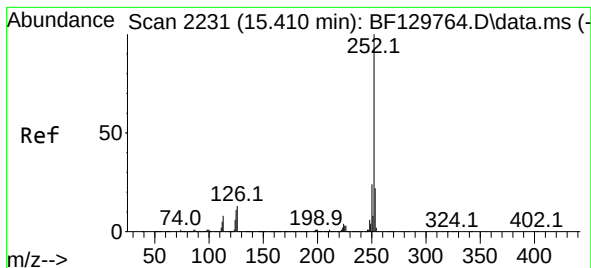
Tgt Ion:252 Resp: 821754
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 11.1 8.3 12.5



#89
Benzo(k)fluoranthene
Concen: 46.274 ng
RT: 15.033 min Scan# 2167
Delta R.T. 0.024 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion:252 Resp: 744853
Ion Ratio Lower Upper
252 100
253 23.1 17.1 25.7
125 11.9 8.3 12.5





#90

Benzo(a)pyrene

Concen: 53.034 ng

RT: 15.368 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-21153MSD

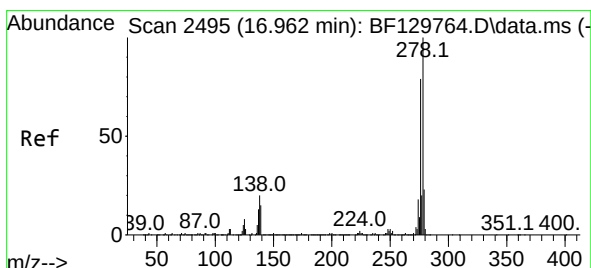
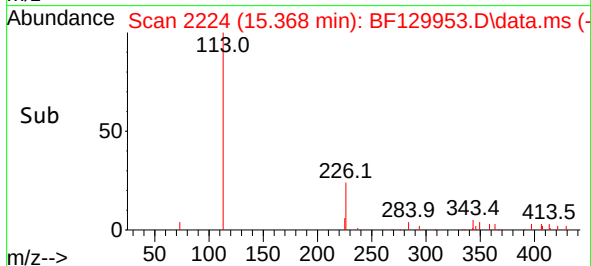
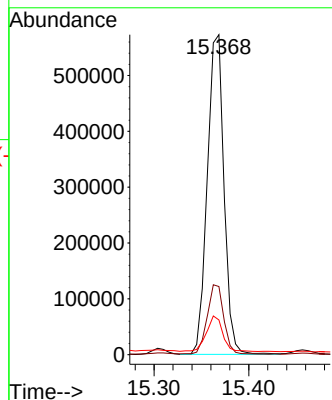
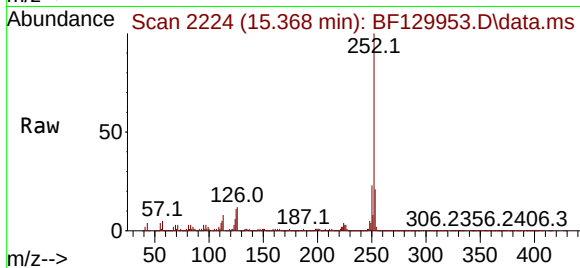
Tgt Ion:252 Resp: 700985

Ion Ratio Lower Upper

252 100

253 21.3 17.2 25.8

125 10.9 8.8 13.2



#91

Dibenzo(a,h)anthracene

Concen: 59.024 ng

RT: 16.880 min Scan# 2481

Delta R.T. 0.024 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

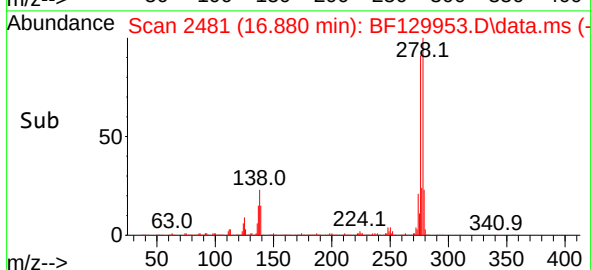
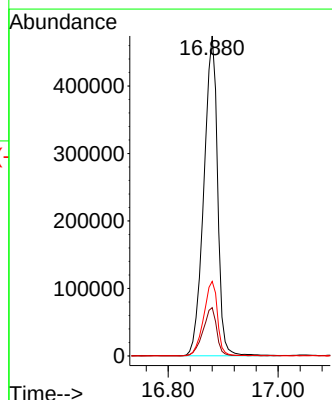
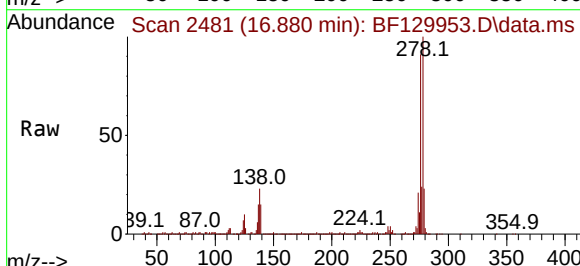
Tgt Ion:278 Resp: 819527

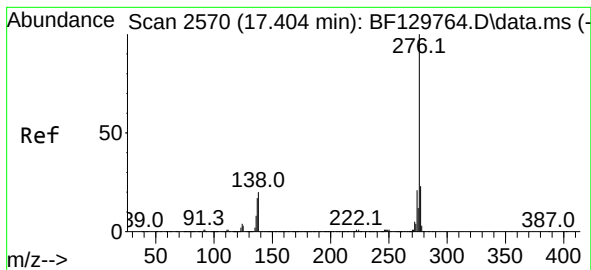
Ion Ratio Lower Upper

278 100

139 15.1 12.2 18.4

279 23.3 18.7 28.1





#92
 Benzo(g,h,i)perylene
 Concen: 59.828 ng
 RT: 17.315 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BF129953.D
 Acq: 23 Aug 2022 14:49

Instrument :
 BNA_F
 ClientSampleId :
 RBR-21153MSD

Tgt Ion:276 Resp: 828750
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.2 27.4
 138 19.1 15.8 23.8

