

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
 Data File : BF129123.D
 Acq On : 05 Jul 2022 14:49
 Operator : CG\JU
 Sample : N3572-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200033MSD

Quant Time: Jul 05 16:39:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	267522	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	978377	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	436786	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	705902	20.000	ng	# 0.00
76) Chrysene-d12	14.145	240	688297	20.000	ng	# 0.00
86) Perylene-d12	15.674	264	755584	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1745232	110.292	ng	0.00
7) Phenol-d6	6.581	99	2116718	107.707	ng	0.00
23) Nitrobenzene-d5	7.522	82	1339701	81.674	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	511946	107.792	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2375288	86.998	ng	0.00
79) Terphenyl-d14	13.080	244	2507542	75.654	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.840	88	309170	43.824	ng	# 87
3) Pyridine	3.634	79	803921	46.662	ng	85
4) n-Nitrosodimethylamine	3.569	42	355480	45.541	ng	# 78
6) Aniline	6.622	93	1003107	45.639	ng	97
8) 2-Chlorophenol	6.745	128	788186	47.410	ng	93
9) Benzaldehyde	6.510	77	462290	58.410	ng	98
10) Phenol	6.598	94	918696	46.139	ng	88
11) bis(2-Chloroethyl)ether	6.692	93	766540	48.638	ng	91
12) 1,3-Dichlorobenzene	6.898	146	875831	47.857	ng	99
13) 1,4-Dichlorobenzene	6.975	146	880002	47.673	ng	100
14) 1,2-Dichlorobenzene	7.128	146	841910	48.518	ng	99
15) Benzyl Alcohol	7.098	79	618162	44.717	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1073723	47.701	ng	91
17) 2-Methylphenol	7.204	107	604938	44.717	ng	96
18) Hexachloroethane	7.469	117	318197	49.100	ng	90
19) n-Nitroso-di-n-propyla...	7.369	70	520839	45.814	ng	# 86
20) 3+4-Methylphenols	7.357	107	760827	44.226	ng	95
22) Acetophenone	7.369	105	1034985	46.114	ng	# 93
24) Nitrobenzene	7.539	77	772631	48.682	ng	95
25) Isophorone	7.781	82	1399600	50.488	ng	96
26) 2-Nitrophenol	7.857	139	400668	54.320	ng	# 86
27) 2,4-Dimethylphenol	7.886	122	692010	51.966	ng	96
28) bis(2-Chloroethoxy)met...	7.986	93	880738	46.261	ng	98
29) 2,4-Dichlorophenol	8.092	162	598778	44.084	ng	99
30) 1,2,4-Trichlorobenzene	8.181	180	651704	43.602	ng	97
31) Naphthalene	8.263	128	2086915	46.986	ng	99
32) Benzoic acid	7.992	122	401673	37.595	ng	90
33) 4-Chloroaniline	8.310	127	623784	34.854	ng	95
34) Hexachlorobutadiene	8.375	225	412479	46.217	ng	99
35) Caprolactam	8.680	113	146042	33.907	ng	# 72
36) 4-Chloro-3-methylphenol	8.786	107	580933	42.096	ng	89
37) 2-Methylnaphthalene	8.957	142	1349390	45.150	ng	100
38) 1-Methylnaphthalene	9.057	142	1268573	43.708	ng	98
40) 1,2,4,5-Tetrachloroben...	9.122	216	617231	50.274	ng	98
41) Hexachlorocyclopentadiene	9.104	237	692469	106.852	ng	99
43) 2,4,6-Trichlorophenol	9.227	196	392170	46.896	ng	98

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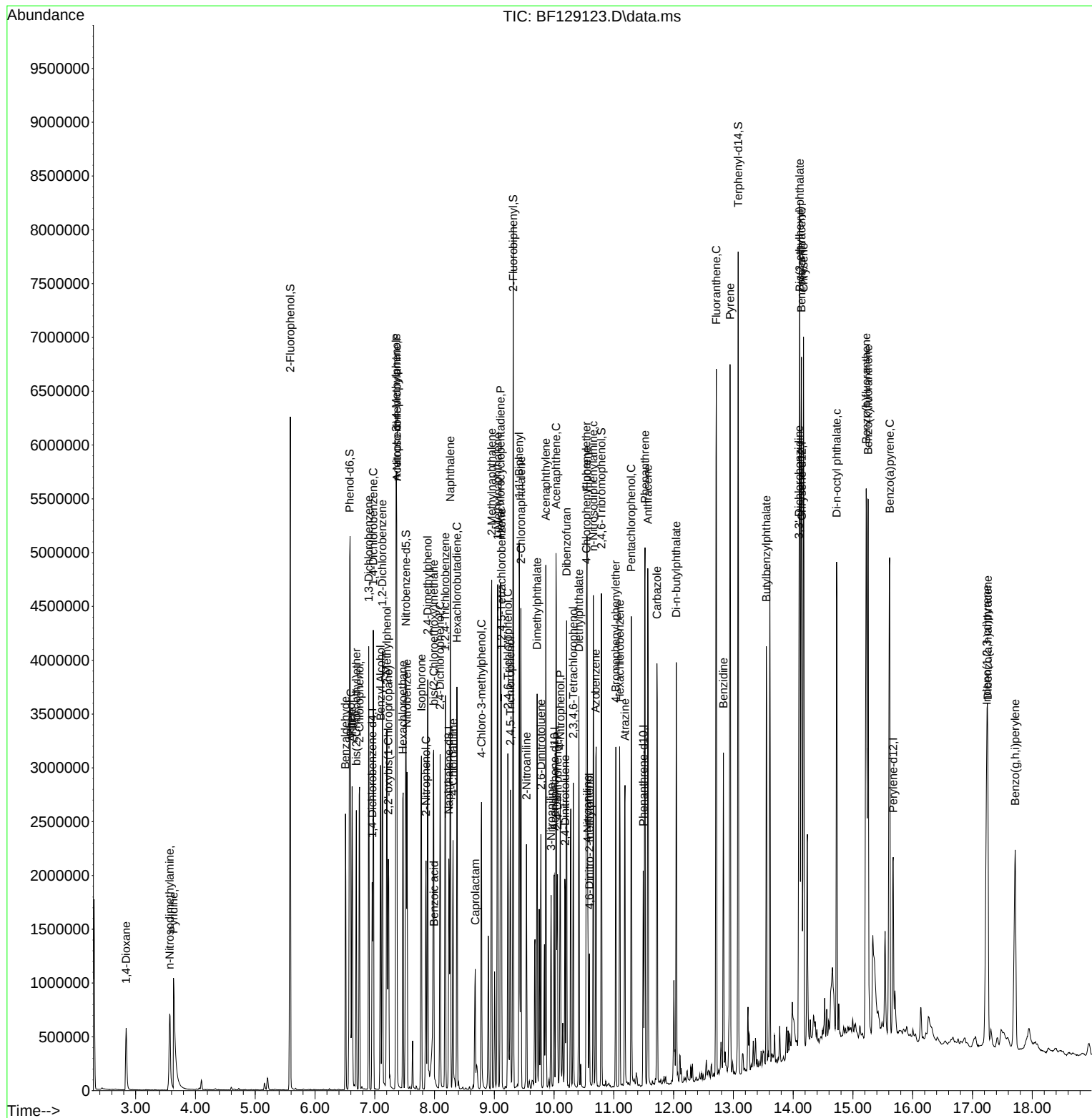
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	410633	46.164	ng	97
46) 1,1'-Biphenyl	9.416	154	1616265	51.471	ng	99
47) 2-Chloronaphthalene	9.445	162	1183624	48.810	ng	98
48) 2-Nitroaniline	9.539	65	331675	51.931	ng	85
49) Acenaphthylene	9.863	152	1885375	51.167	ng	99
50) Dimethylphthalate	9.716	163	1348724	49.358	ng	100
51) 2,6-Dinitrotoluene	9.780	165	291039	52.122	ng	91
52) Acenaphthene	10.033	154	1245256	51.883	ng	100
53) 3-Nitroaniline	9.951	138	265041	39.804	ng #	88
54) 2,4-Dinitrophenol	10.057	184	267372	87.812	ng #	79
55) Dibenzofuran	10.210	168	1620916	46.380	ng	99
56) 4-Nitrophenol	10.104	139	487641	89.631	ng	92
57) 2,4-Dinitrotoluene	10.186	165	359418	52.140	ng #	80
58) Fluorene	10.551	166	1259832	46.603	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.322	232	312316	42.381	ng	100
60) Diethylphthalate	10.416	149	1290936	47.147	ng	99
61) 4-Chlorophenyl-phenylether	10.539	204	611054	45.366	ng	97
62) 4-Nitroaniline	10.563	138	280238	42.441	ng	89
63) Azobenzene	10.698	77	1186286	44.221	ng	94
65) 4,6-Dinitro-2-methylph...	10.592	198	155639	49.836	ng	86
66) n-Nitrosodiphenylamine	10.657	169	1059609	49.425	ng	96
67) 4-Bromophenyl-phenylether	11.033	248	362751	48.310	ng	98
68) Hexachlorobenzene	11.098	284	393706	47.087	ng	99
69) Atrazine	11.186	200	324999	53.873	ng	98
70) Pentachlorophenol	11.292	266	469236	94.221	ng	99
71) Phenanthrene	11.521	178	1872537	55.519	ng	100
72) Anthracene	11.569	178	1727552	51.951	ng	99
73) Carbazole	11.721	167	1585739	47.590	ng	99
74) Di-n-butylphthalate	12.045	149	1855963	52.827	ng	99
75) Fluoranthene	12.716	202	2618383	74.232	ng	97
77) Benzidine	12.833	184	1075993	87.793	ng	99
78) Pyrene	12.945	202	2627709	55.077	ng	99
80) Butylbenzylphthalate	13.551	149	904416	46.533	ng	95
81) Benzo(a)anthracene	14.139	228	2464209	58.635	ng	97
82) 3,3'-Dichlorobenzidine	14.098	252	693545	76.375	ng	98
83) Chrysene	14.174	228	2335433	59.859	ng	97
84) Bis(2-ethylhexyl)phtha...	14.110	149	2138821	82.802	ng	97
85) Di-n-octyl phthalate	14.727	149	2291304	60.090	ng #	95
87) Indeno(1,2,3-cd)pyrene	17.239	276	2023234	43.659	ng	99
88) Benzo(b)fluoranthene	15.221	252	3092598	68.058	ng	97
89) Benzo(k)fluoranthene	15.257	252	2213135	50.214	ng	99
90) Benzo(a)pyrene	15.615	252	2381834	64.298	ng	97
91) Dibenzo(a,h)anthracene	17.256	278	1552523	41.097	ng	98
92) Benzo(g,h,i)perylene	17.715	276	1594684	42.075	ng	98

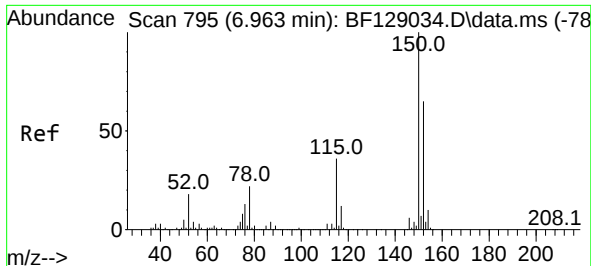
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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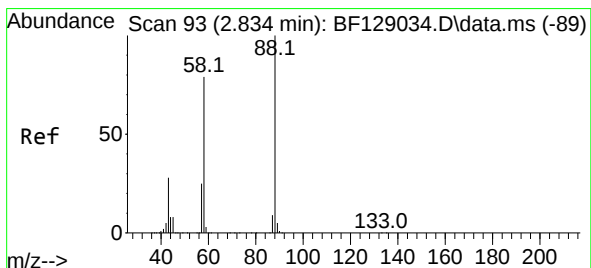
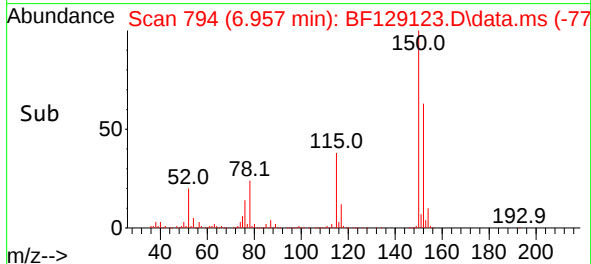
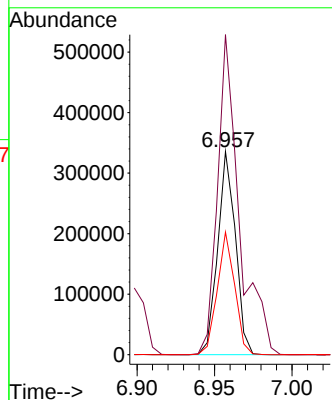
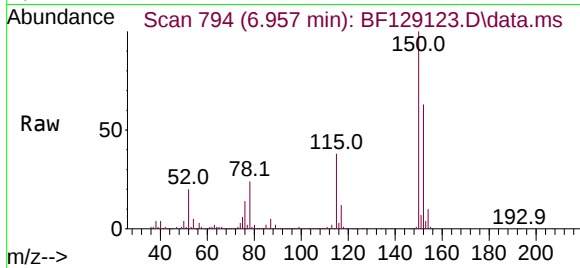




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF129123.D
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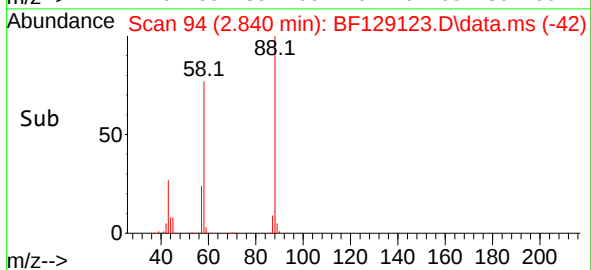
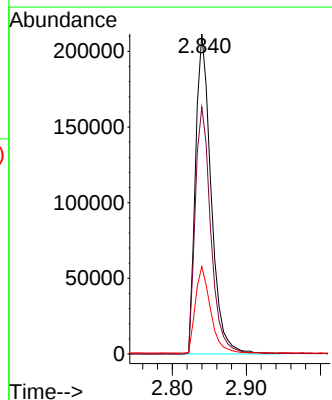
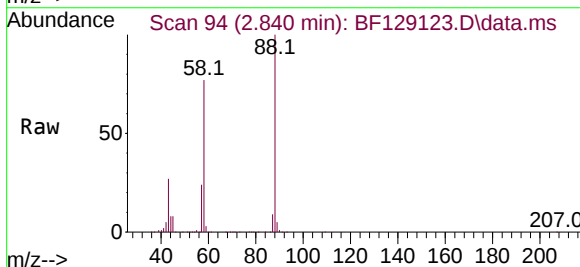
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ClientSampleId :
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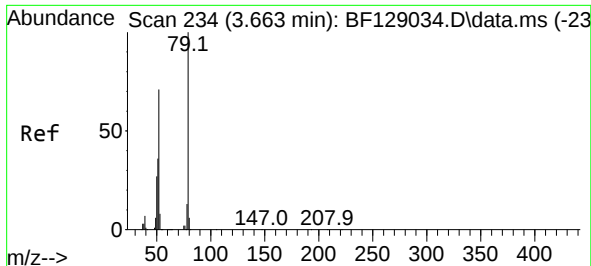
Tgt Ion:152 Resp: 267522
Ion Ratio Lower Upper
152 100
150 157.5 123.7 185.5
115 60.3 49.9 74.9



#2
1,4-Dioxane
Concen: 43.824 ng
RT: 2.840 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion: 88 Resp: 309170
Ion Ratio Lower Upper
88 100
58 77.2 71.8 107.8
43 26.1 26.6 39.8

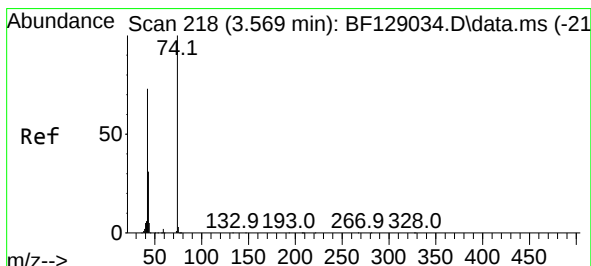
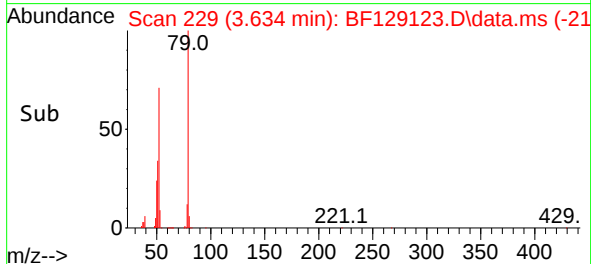
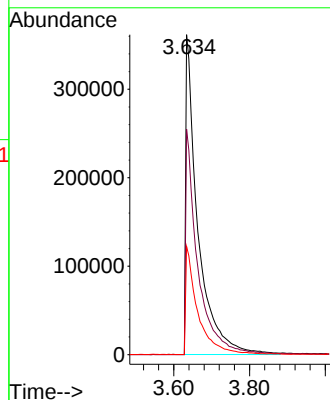
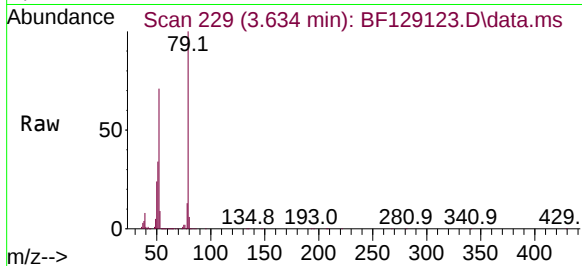




#3
 Pyridine
 Concen: 46.662 ng
 RT: 3.634 min Scan# 21
 Delta R.T. -0.030 min
 Lab File: BF129123.D
 Acq: 05 Jul 2022 14:49

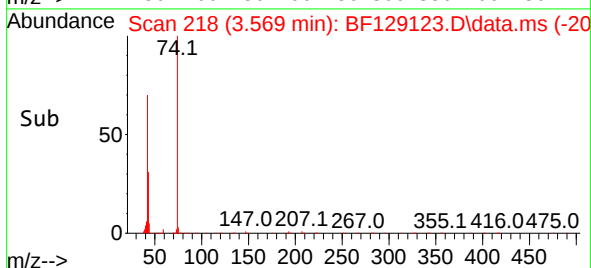
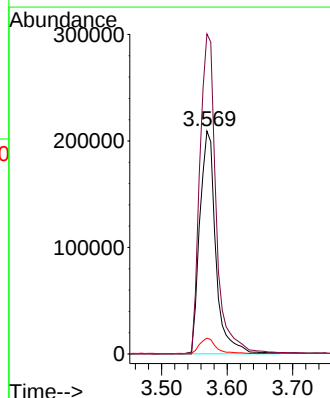
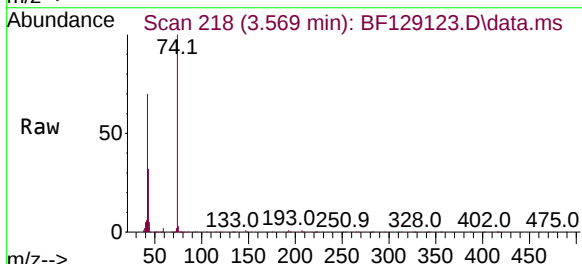
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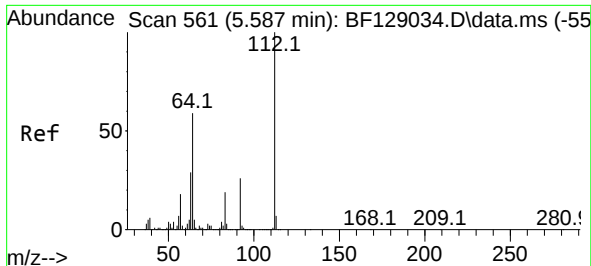
Tgt Ion: 79 Resp: 803921
 Ion Ratio Lower Upper
 79 100
 52 70.5 68.6 102.8
 51 33.8 32.9 49.3



#4
 n-Nitrosodimethylamine
 Concen: 45.541 ng
 RT: 3.569 min Scan# 218
 Delta R.T. -0.000 min
 Lab File: BF129123.D
 Acq: 05 Jul 2022 14:49

Tgt Ion: 42 Resp: 355480
 Ion Ratio Lower Upper
 42 100
 74 143.6 94.8 142.2#
 44 7.1 6.6 10.0

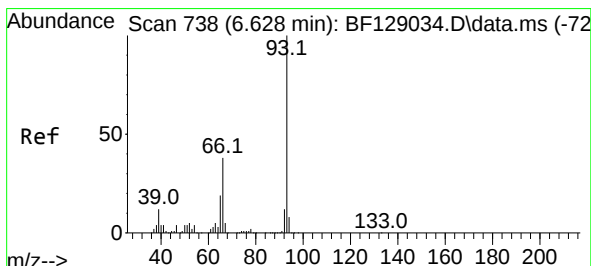
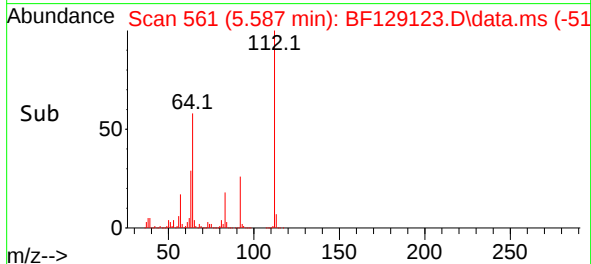
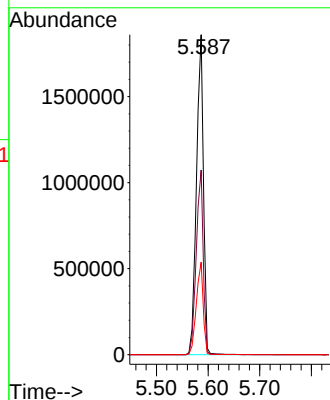
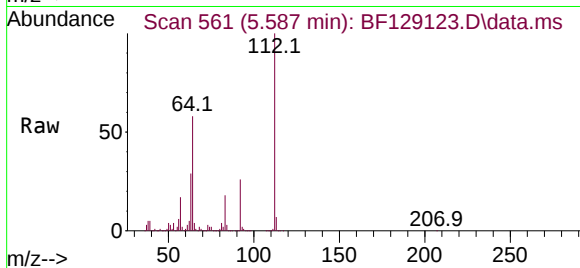




#5
2-Fluorophenol
Concen: 110.292 ng
RT: 5.587 min Scan# 501
Delta R.T. -0.000 min
Lab File: BF129123.D
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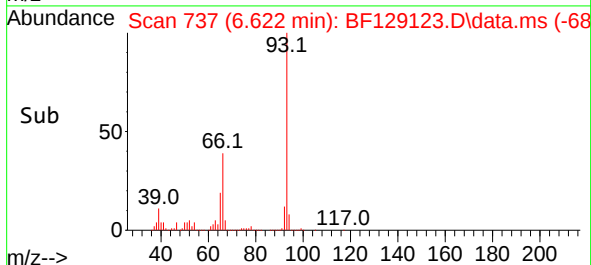
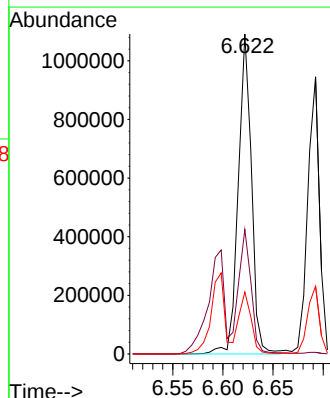
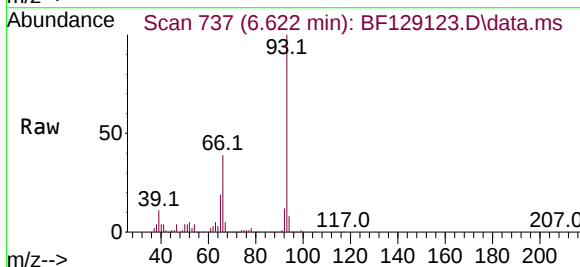
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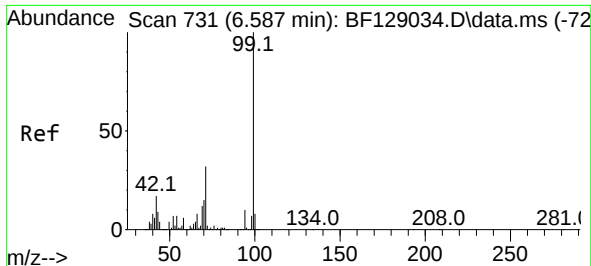
Tgt Ion:112 Resp: 1745232
Ion Ratio Lower Upper
112 100
64 57.7 53.3 79.9
63 28.9 28.0 42.0



#6
Aniline
Concen: 45.639 ng
RT: 6.622 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion: 93 Resp: 1003107
Ion Ratio Lower Upper
93 100
66 38.9 32.5 48.7
65 19.3 16.4 24.6

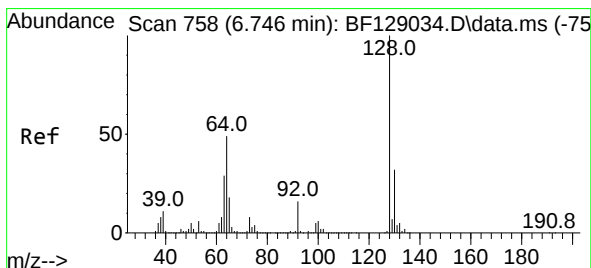
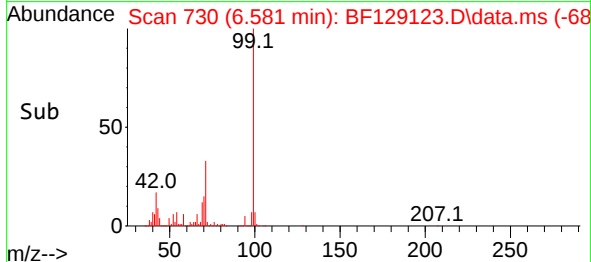
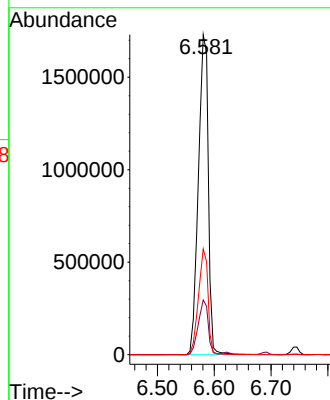
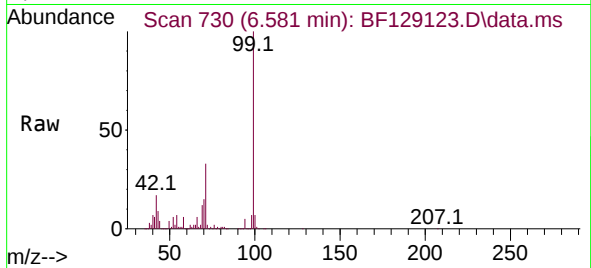




#7
Phenol-d6
Concen: 107.707 ng
RT: 6.581 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF129123.D
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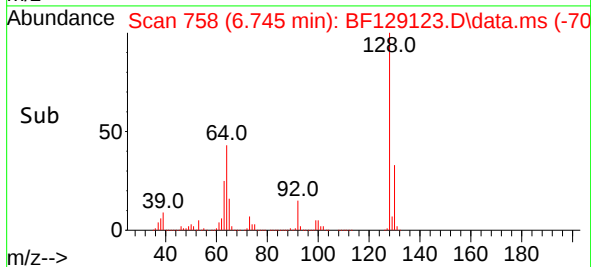
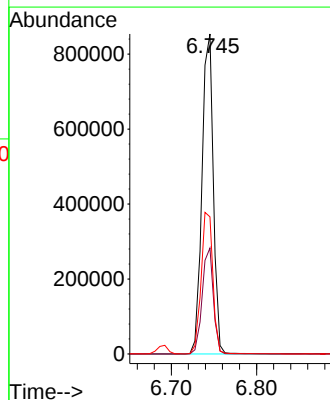
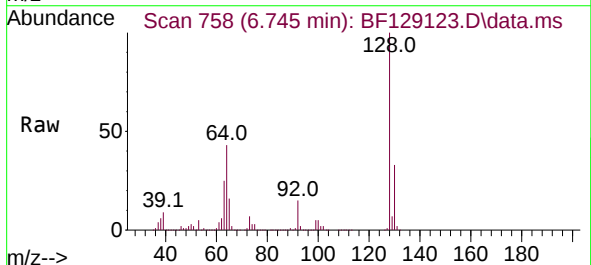
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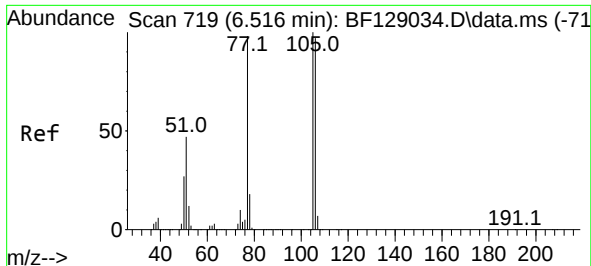
Tgt Ion: 99 Resp: 2116718
Ion Ratio Lower Upper
99 100
42 17.1 17.3 25.9#
71 33.0 28.9 43.3



#8
2-Chlorophenol
Concen: 47.410 ng
RT: 6.745 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion: 128 Resp: 788186
Ion Ratio Lower Upper
128 100
130 33.1 13.1 53.1
64 42.9 30.9 70.9

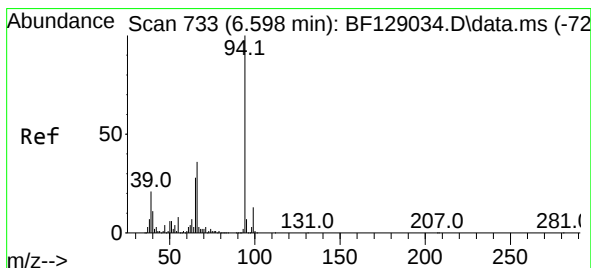
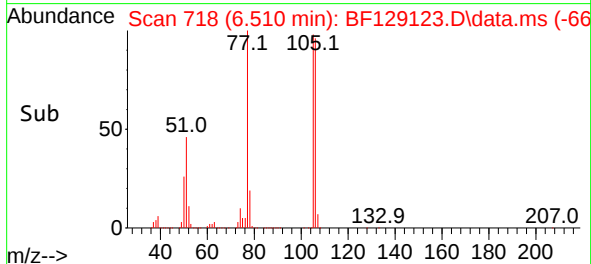
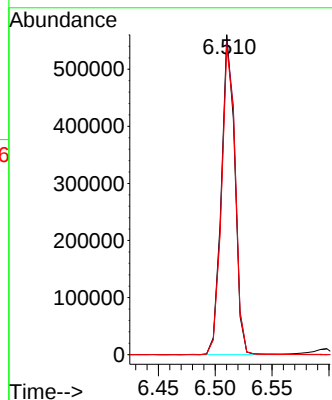
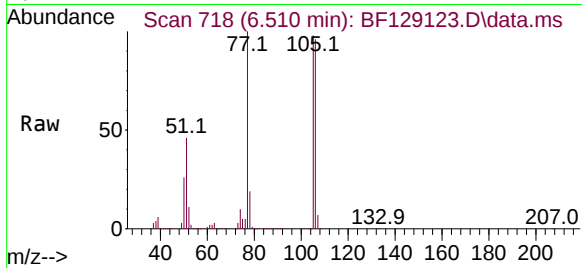




#9
Benzaldehyde
Concen: 58.410 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
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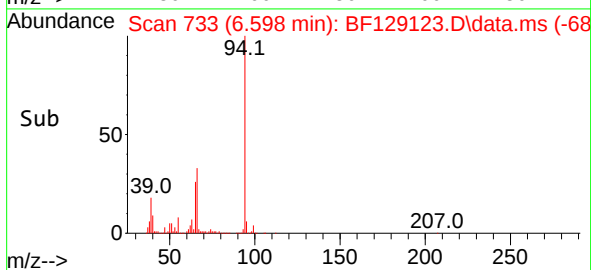
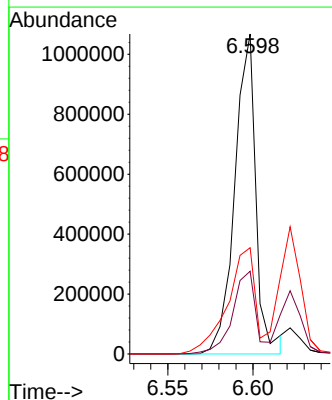
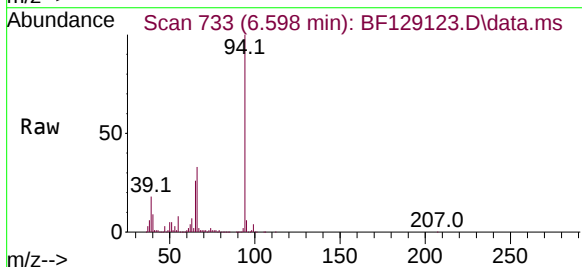
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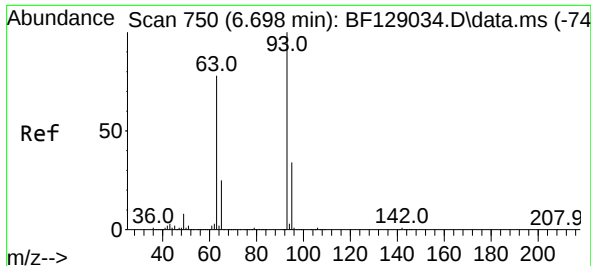
Tgt Ion: 77 Resp: 462290
Ion Ratio Lower Upper
77 100
105 98.0 81.6 121.6
106 96.2 76.1 116.1



#10
Phenol
Concen: 46.139 ng
RT: 6.598 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion: 94 Resp: 918696
Ion Ratio Lower Upper
94 100
65 25.8 11.4 51.4
66 33.2 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 48.638 ng

RT: 6.692 min Scan# 749

Delta R.T. -0.006 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-200033MSD

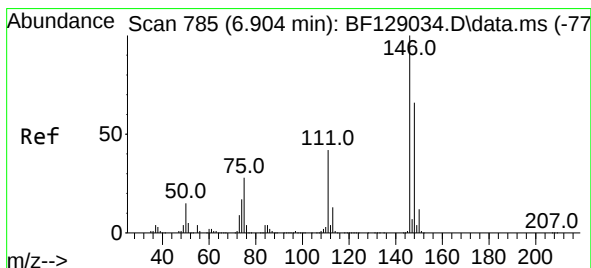
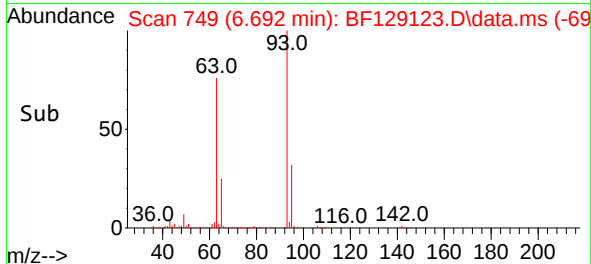
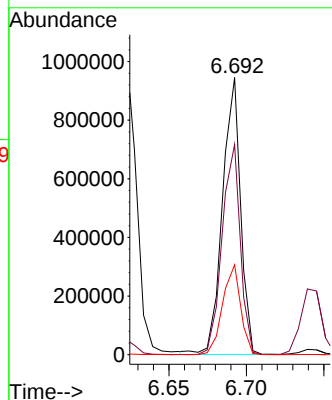
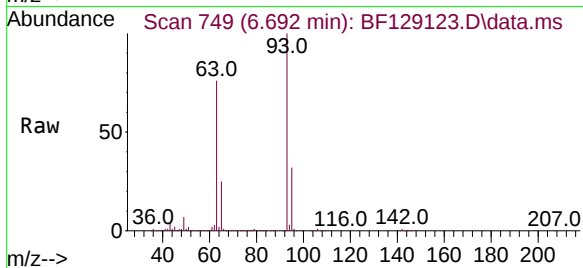
Tgt Ion: 93 Resp: 766540

Ion Ratio Lower Upper

93 100

63 75.8 67.4 107.4

95 32.4 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 47.857 ng

RT: 6.898 min Scan# 784

Delta R.T. -0.006 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

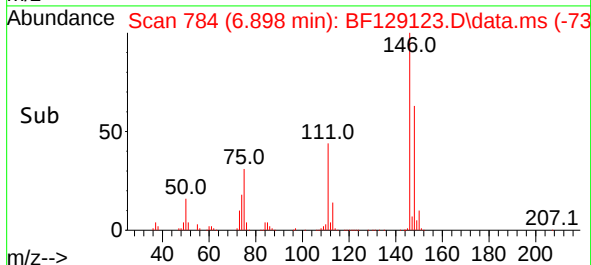
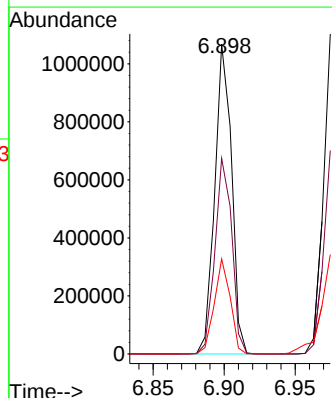
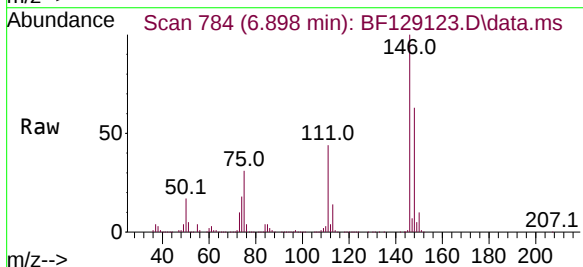
Tgt Ion: 146 Resp: 875831

Ion Ratio Lower Upper

146 100

148 63.2 50.6 75.8

75 30.7 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 47.673 ng

RT: 6.975 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-200033MSD

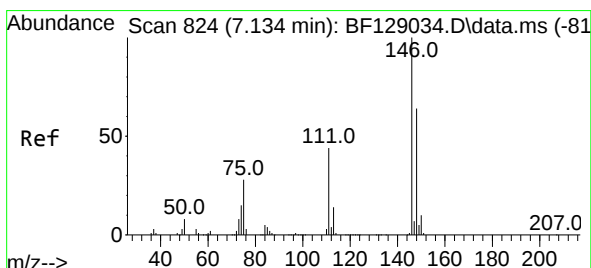
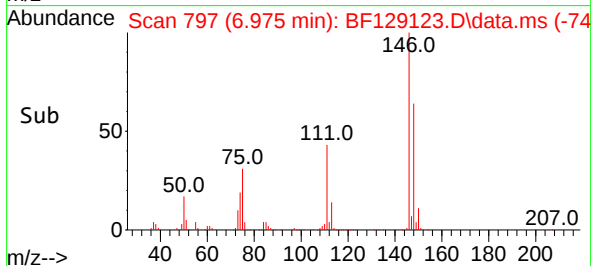
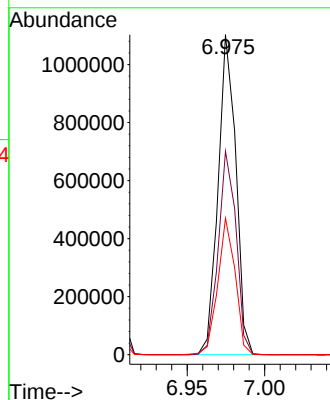
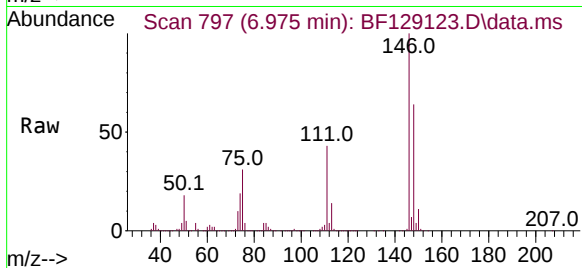
Tgt Ion:146 Resp: 880002

Ion Ratio Lower Upper

146 100

148 63.6 51.1 76.7

111 42.6 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 48.518 ng

RT: 7.128 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

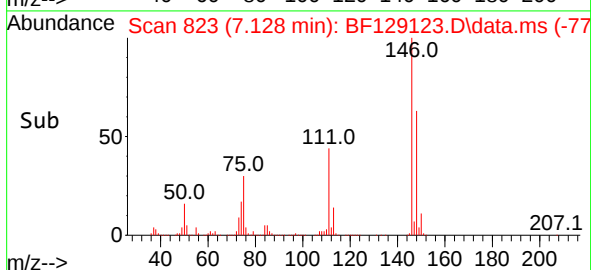
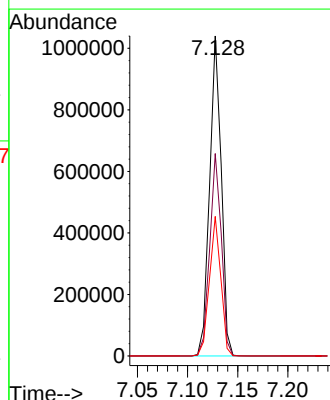
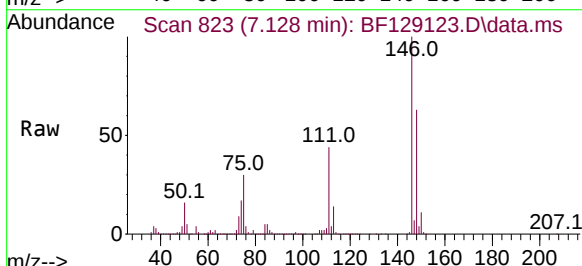
Tgt Ion:146 Resp: 841910

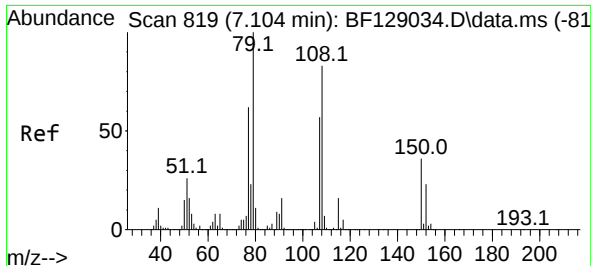
Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.8

111 43.6 35.1 52.7

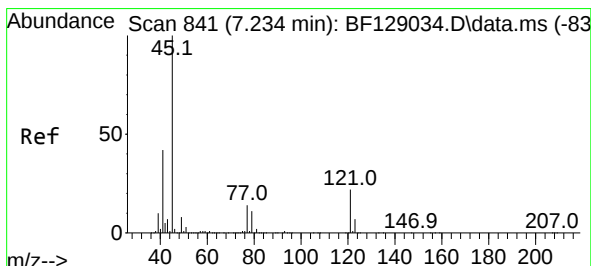
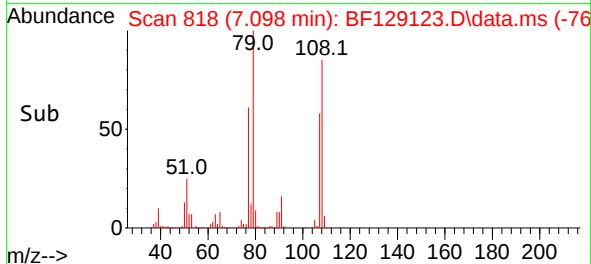
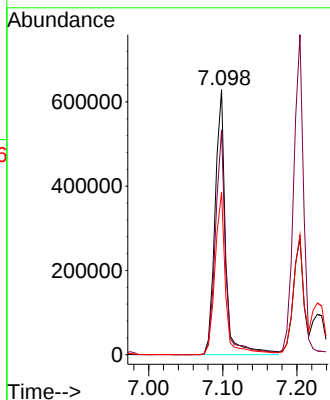
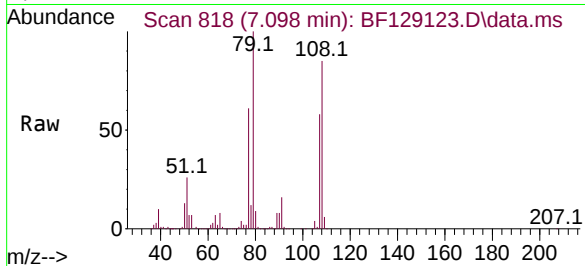




#15
Benzyl Alcohol
Concen: 44.717 ng
RT: 7.098 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

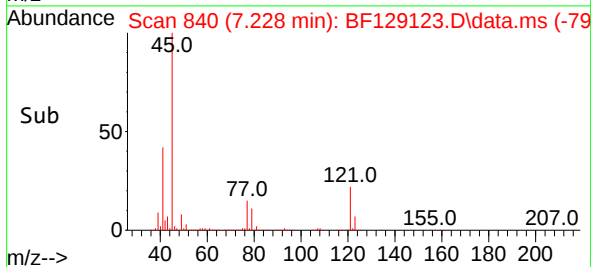
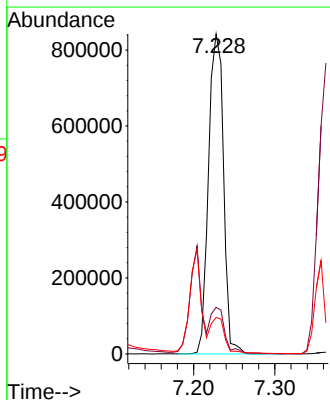
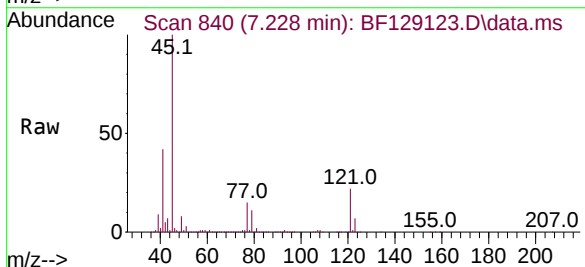
Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

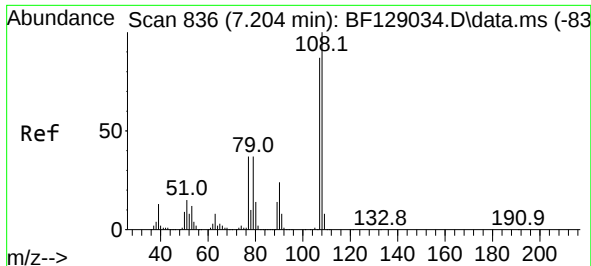
Tgt Ion: 79 Resp: 618162
Ion Ratio Lower Upper
79 100
108 84.9 61.8 92.6
77 61.4 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.701 ng
RT: 7.228 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion: 45 Resp: 1073723
Ion Ratio Lower Upper
45 100
77 14.6 0.0 31.3
79 11.4 0.0 28.3

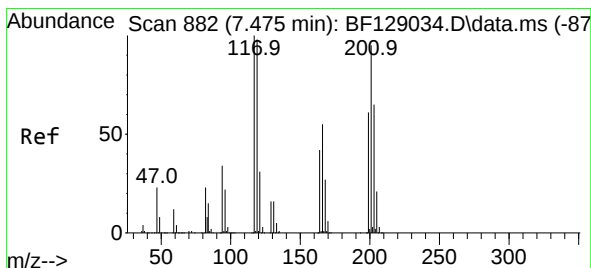
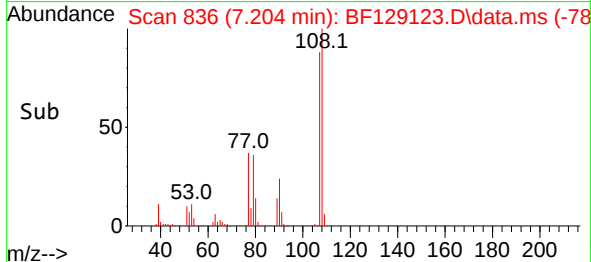
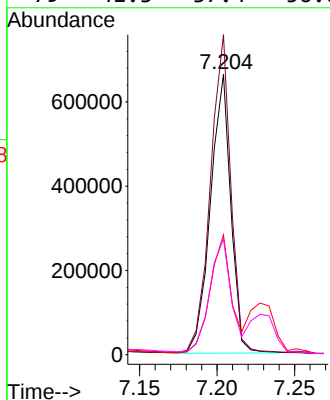
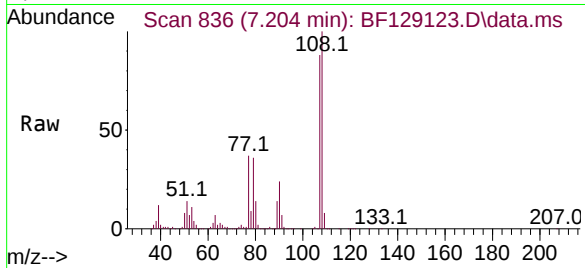




#17
2-Methylphenol
Concen: 44.717 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

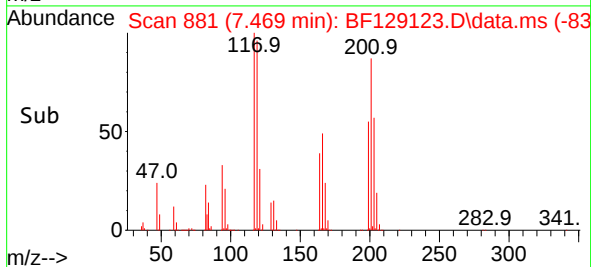
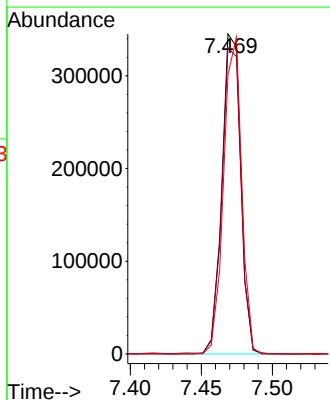
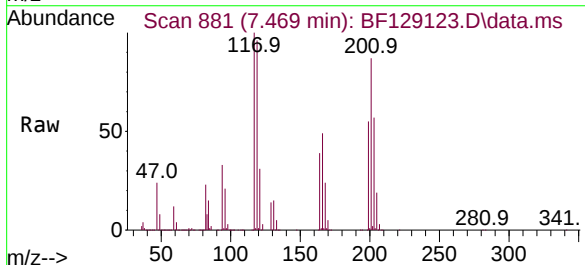
Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

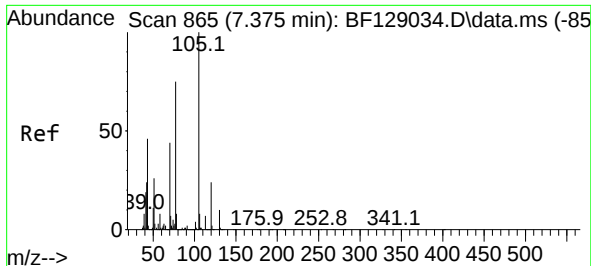
Tgt Ion:	107	Resp:	604938
Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.9	137.9
77	42.7	37.8	56.8
79	41.3	37.4	56.0



#18
Hexachloroethane
Concen: 49.100 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion:	117	Resp:	318197
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.4	116.2
201	87.2	84.6	127.0

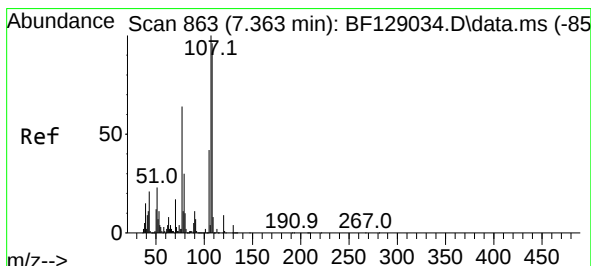
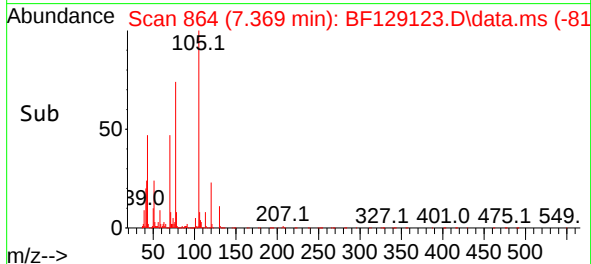
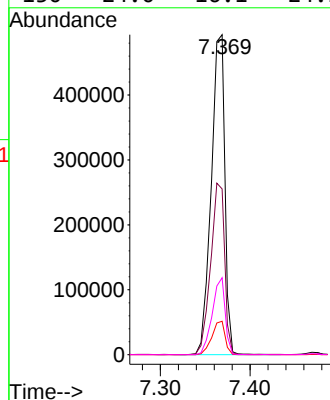
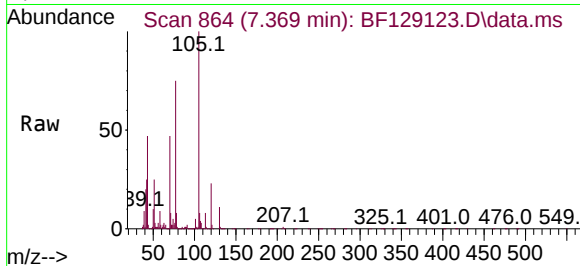




#19
n-Nitroso-di-n-propylamine
Concen: 45.814 ng
RT: 7.369 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

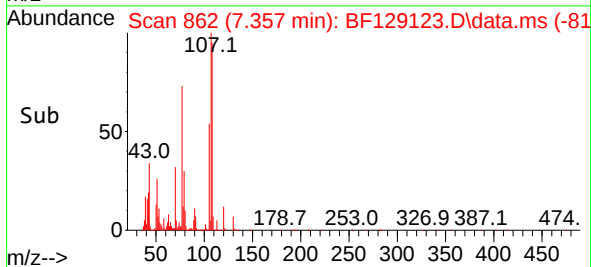
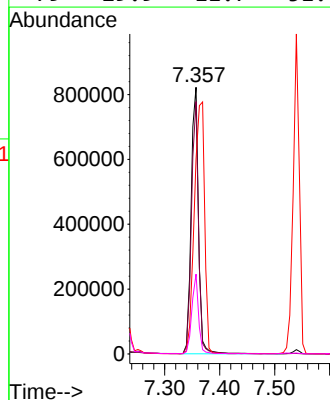
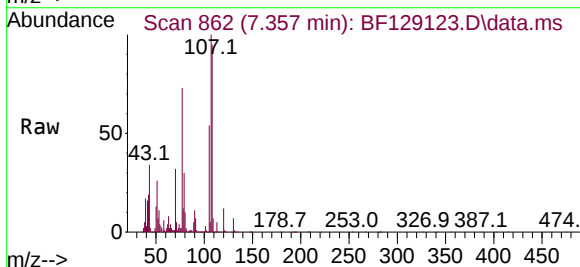
Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

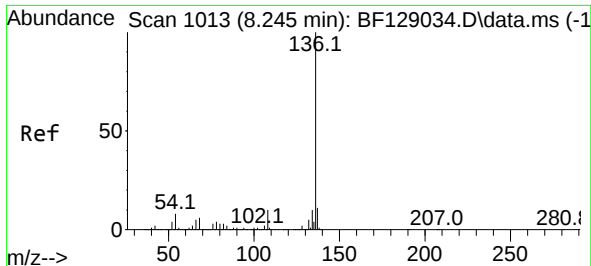
Tgt Ion: 70 Resp: 520839
Ion Ratio Lower Upper
70 100
42 51.8 52.3 78.5#
101 10.5 7.5 11.3
130 24.0 16.1 24.1



#20
3+4-Methylphenols
Concen: 44.226 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion:107 Resp: 760827
Ion Ratio Lower Upper
107 100
108 94.7 71.8 111.8
77 73.1 59.3 99.3
79 29.9 11.7 51.7

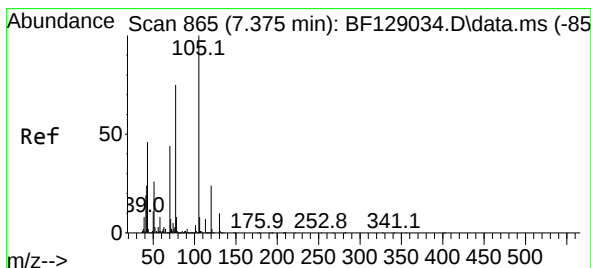
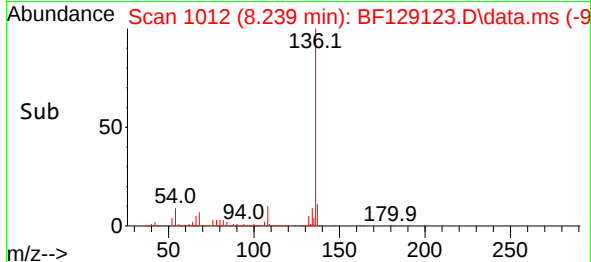
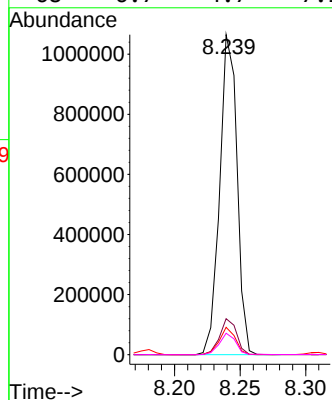
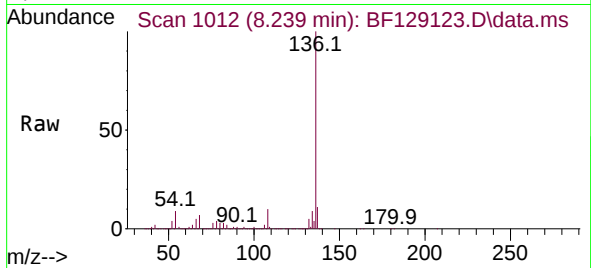




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

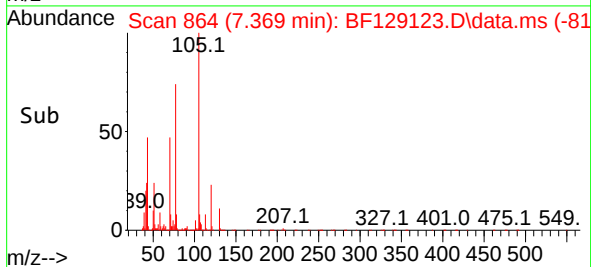
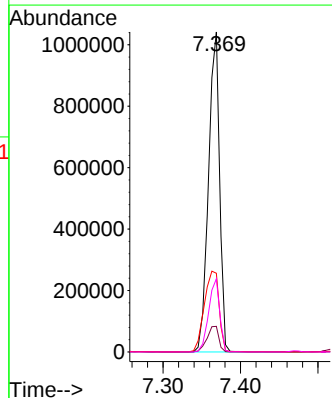
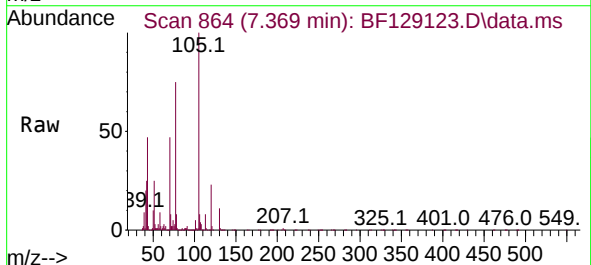
Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

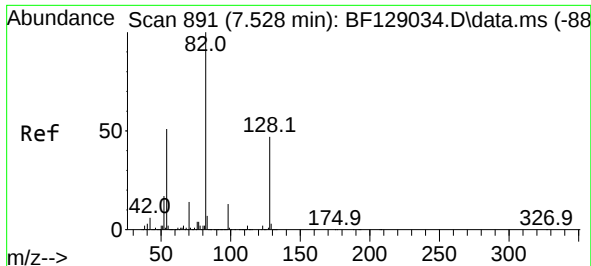
Tgt Ion:136 Resp: 978377
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.6 7.5 11.3
68 6.7 4.7 7.1



#22
Acetophenone
Concen: 46.114 ng
RT: 7.369 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion:105 Resp: 1034985
Ion Ratio Lower Upper
105 100
71 8.0 5.0 7.4#
51 24.6 25.0 37.4#
120 22.9 17.8 26.8





#23

Nitrobenzene-d5

Concen: 81.674 ng

RT: 7.522 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

Instrument :

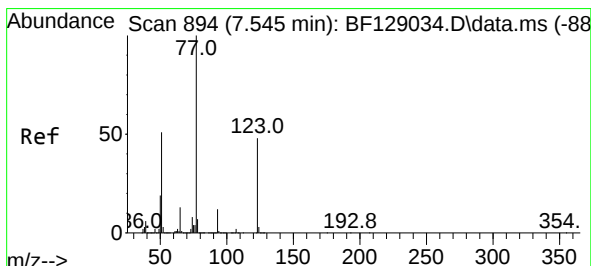
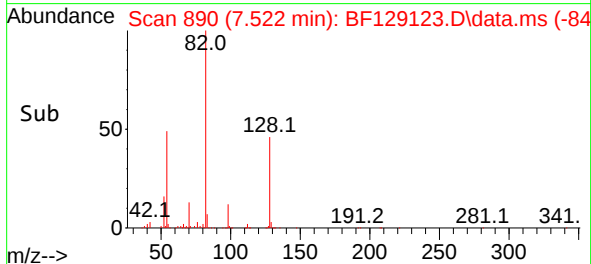
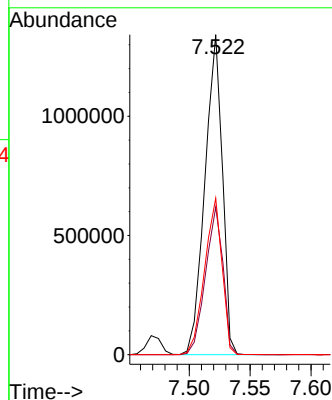
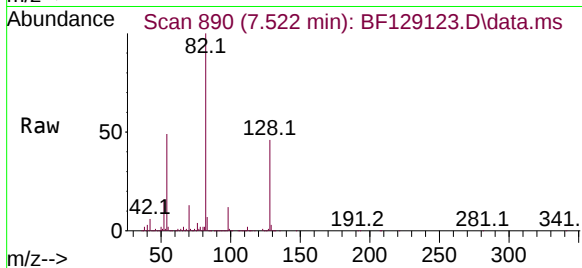
BNA_F

ClientSampleId :

RBR-200033MSD

Tgt Ion: 82 Resp: 1339701

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	48.9	46.9	70.3



#24

Nitrobenzene

Concen: 48.682 ng

RT: 7.539 min Scan# 893

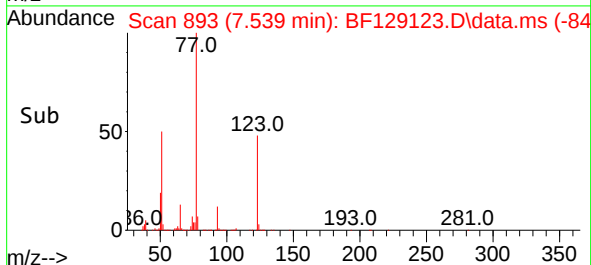
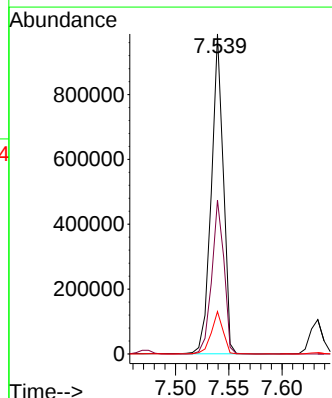
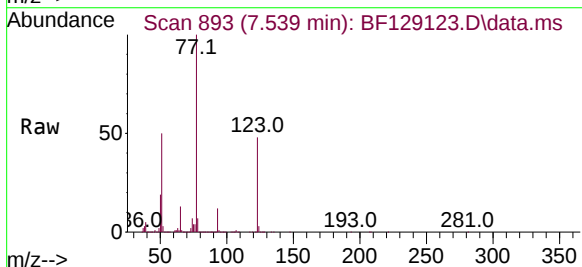
Delta R.T. -0.006 min

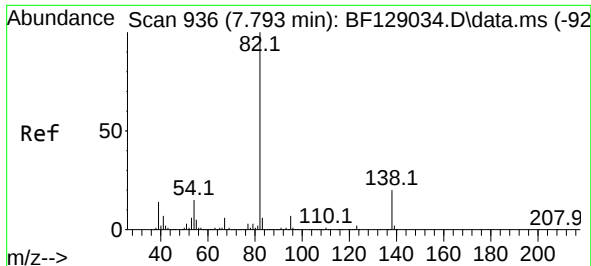
Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

Tgt Ion: 77 Resp: 772631

Ion	Ratio	Lower	Upper
77	100		
123	48.1	35.4	53.2
65	13.3	11.8	17.8

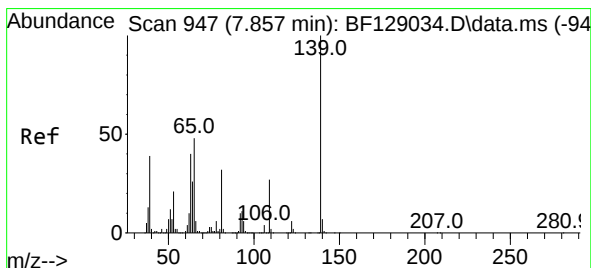
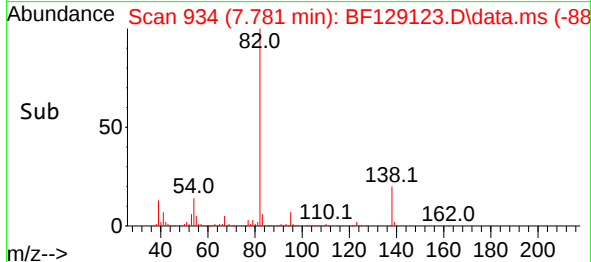
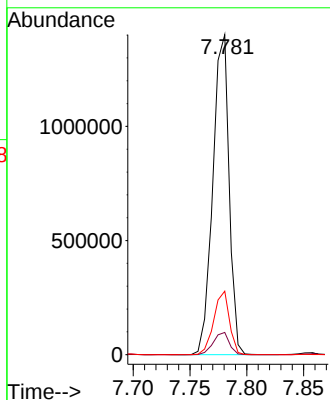
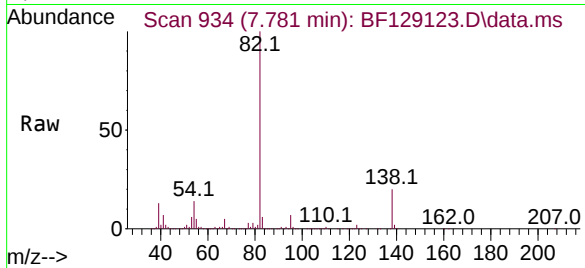




#25
Isophorone
Concen: 50.488 ng
RT: 7.781 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

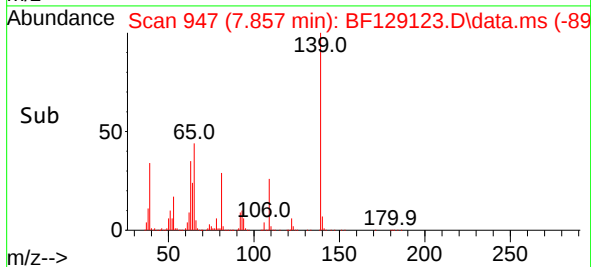
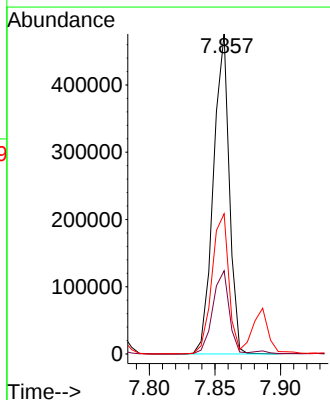
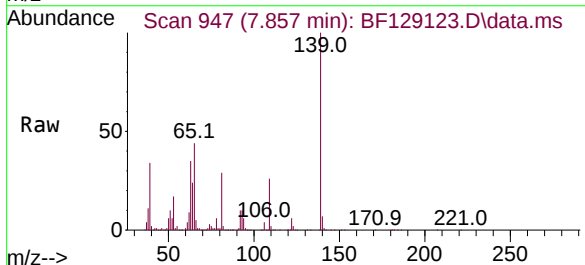
Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

Tgt Ion: 82 Resp: 1399600
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 19.9 14.2 21.2



#26
2-Nitrophenol
Concen: 54.320 ng
RT: 7.857 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion:139 Resp: 400668
Ion Ratio Lower Upper
139 100
109 26.0 25.0 37.4
65 43.8 45.1 67.7#





#27

2,4-Dimethylphenol

Concen: 51.966 ng

RT: 7.886 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-200033MSD

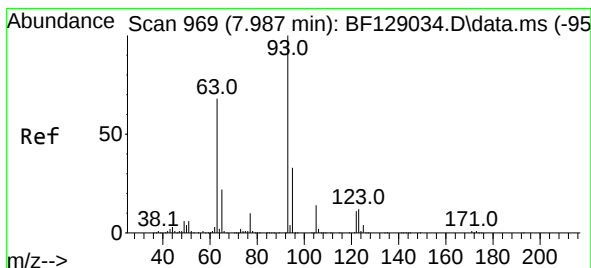
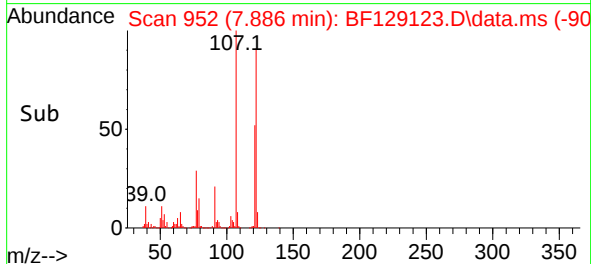
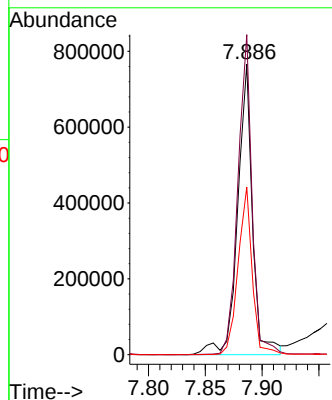
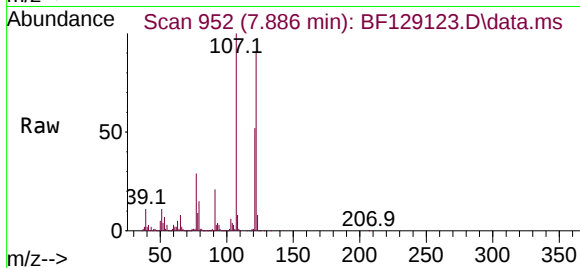
Tgt Ion:122 Resp: 692010

Ion Ratio Lower Upper

122 100

107 110.2 93.0 139.6

121 57.7 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 46.261 ng

RT: 7.986 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

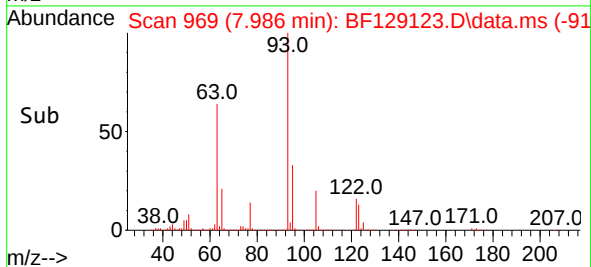
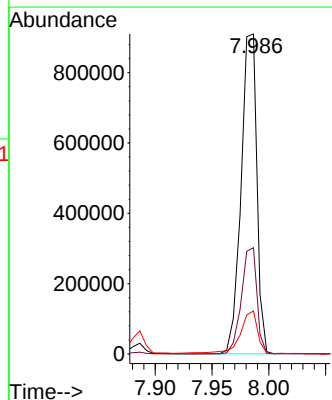
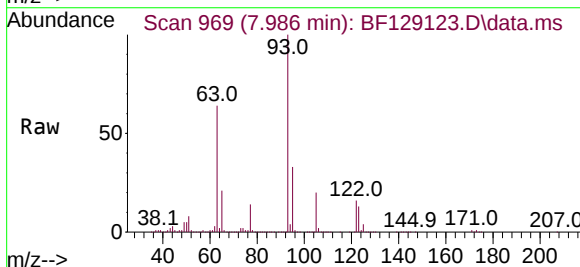
Tgt Ion: 93 Resp: 880738

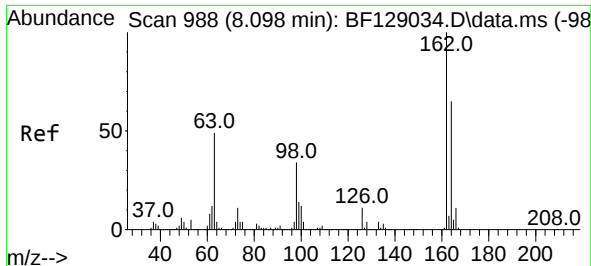
Ion Ratio Lower Upper

93 100

95 33.2 26.8 40.2

123 13.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 44.084 ng

RT: 8.092 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-200033MSD

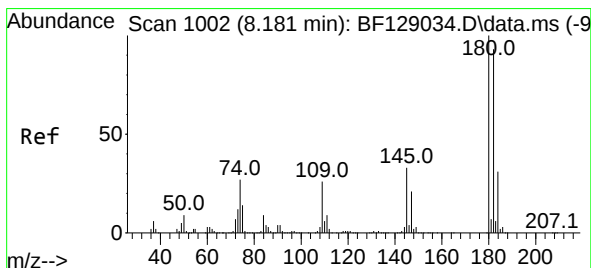
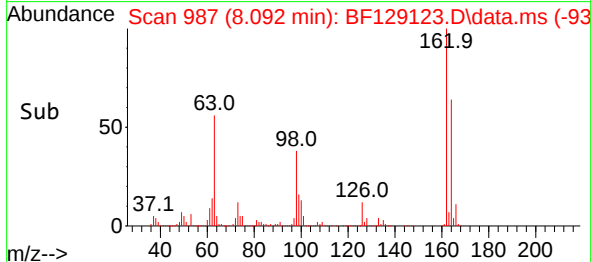
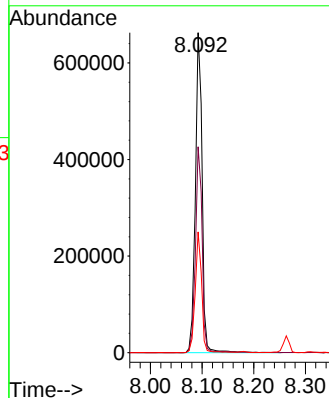
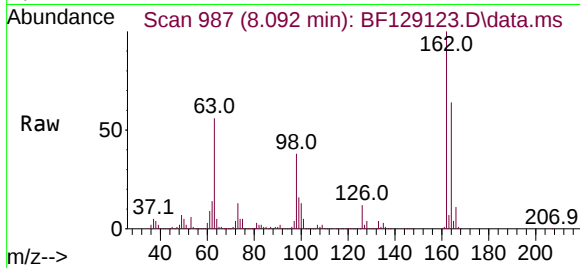
Tgt Ion:162 Resp: 598778

Ion Ratio Lower Upper

162 100

164 64.3 44.2 84.2

98 37.8 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 43.602 ng

RT: 8.181 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

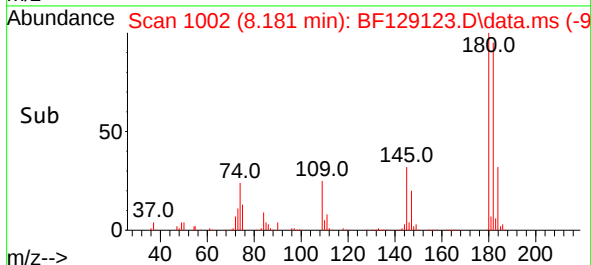
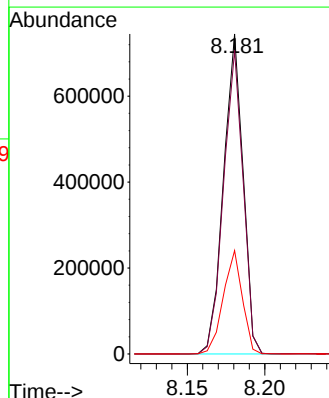
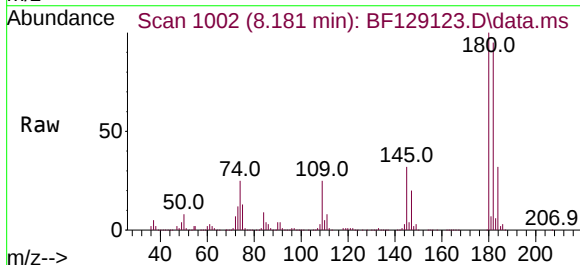
Tgt Ion:180 Resp: 651704

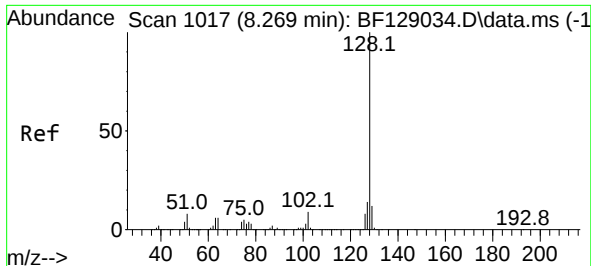
Ion Ratio Lower Upper

180 100

182 94.9 79.2 118.8

145 32.3 26.2 39.2

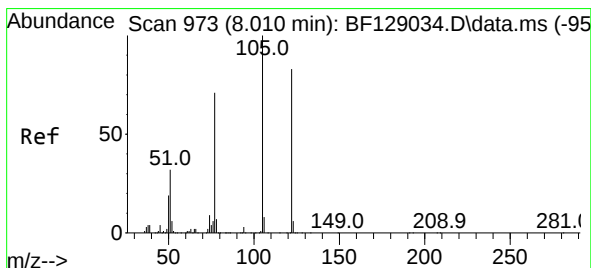
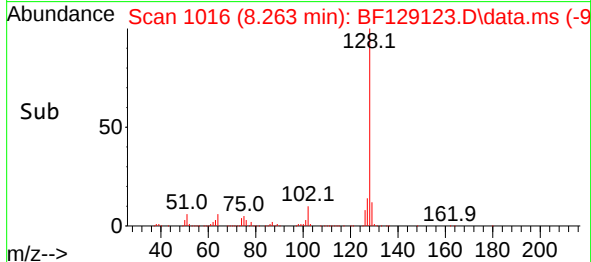
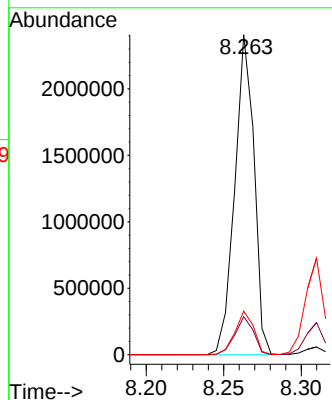
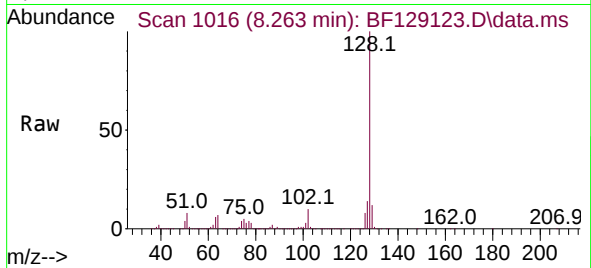




#31
Naphthalene
Concen: 46.986 ng
RT: 8.263 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

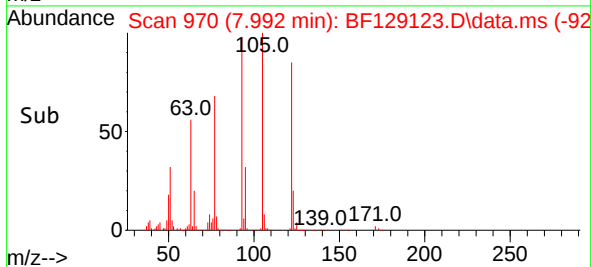
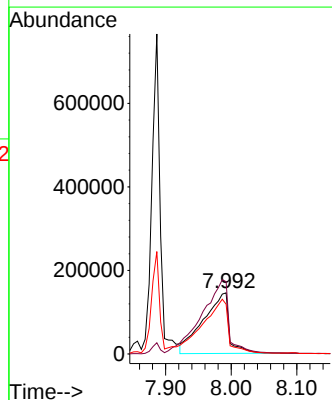
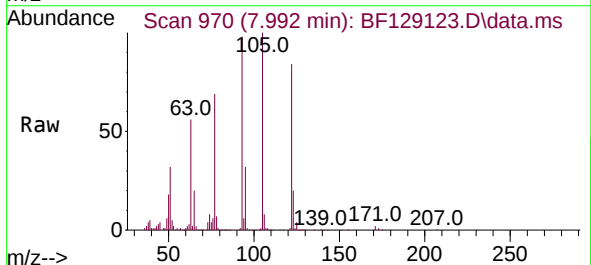
Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

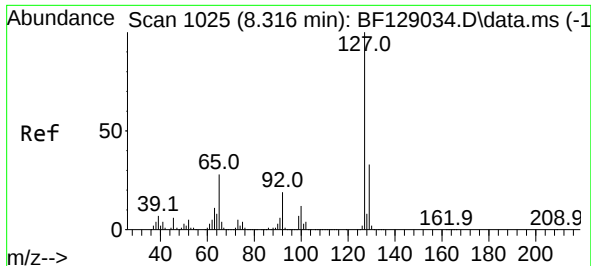
Tgt Ion:128 Resp: 2086915
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.6 10.5 15.7



#32
Benzoic acid
Concen: 37.595 ng
RT: 7.992 min Scan# 970
Delta R.T. -0.018 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion:122 Resp: 401673
Ion Ratio Lower Upper
122 100
105 118.4 107.1 147.1
77 81.4 74.2 114.2



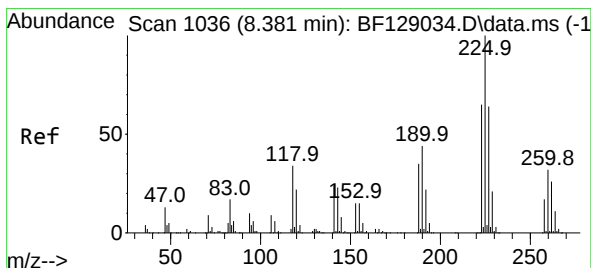
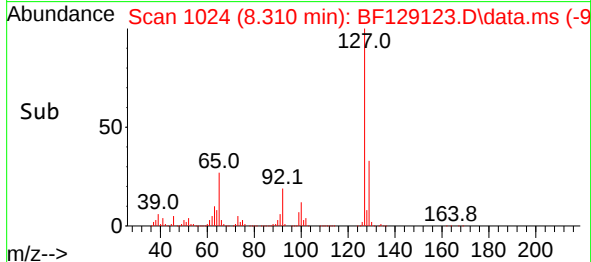
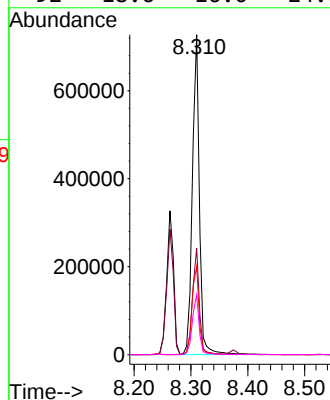
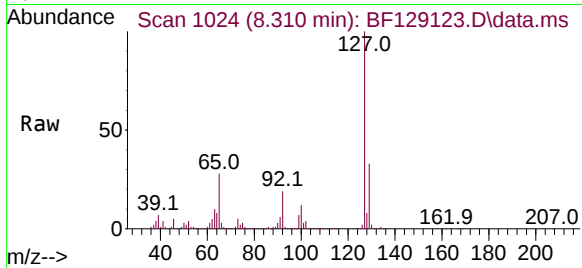


#33
4-Chloroaniline
Concen: 34.854 ng
RT: 8.310 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

Tgt Ion:127 Resp: 623784

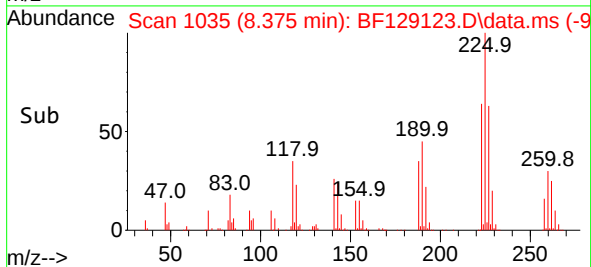
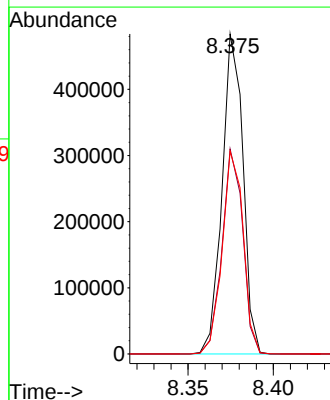
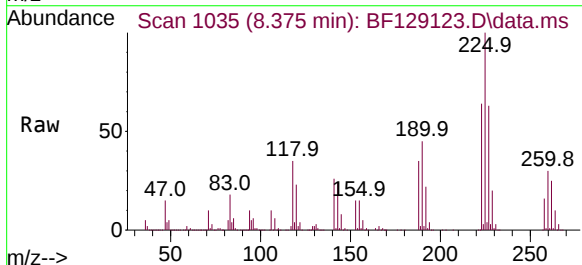
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.4	39.6
65	27.6	26.4	39.6
92	18.6	16.0	24.0



#34
Hexachlorobutadiene
Concen: 46.217 ng
RT: 8.375 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion:225 Resp: 412479

Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.0	76.6
227	63.3	51.1	76.7

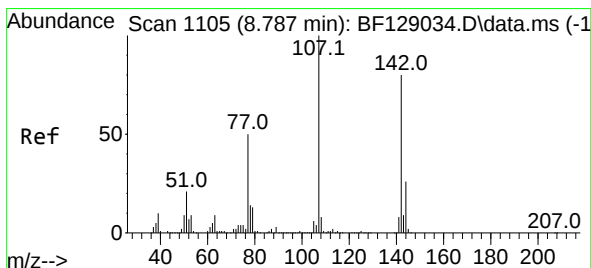
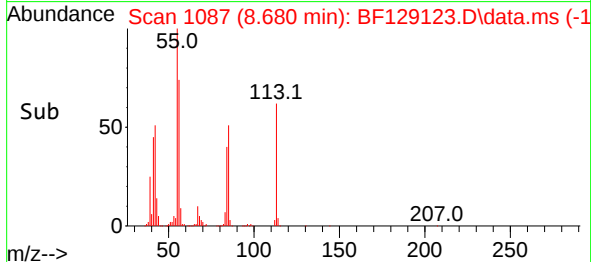
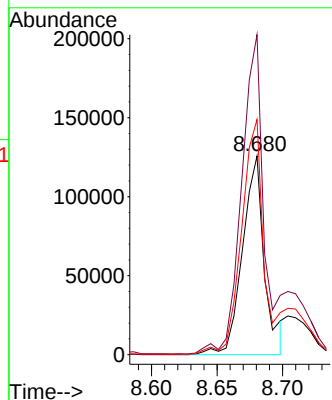
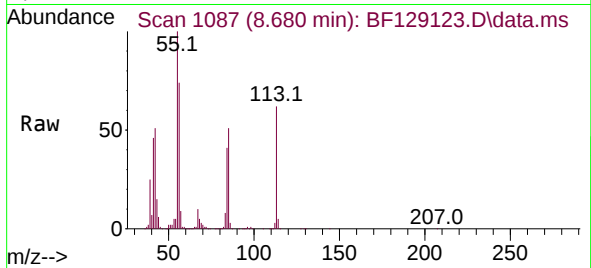




#35
Caprolactam
Concen: 33.907 ng
RT: 8.680 min Scan# 1092
Delta R.T. -0.030 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

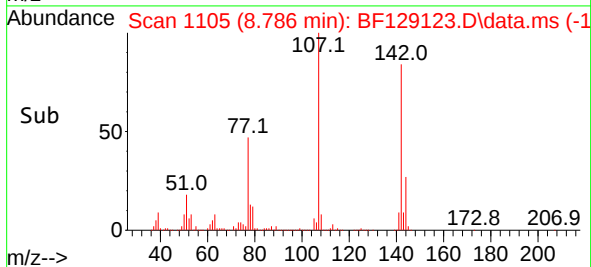
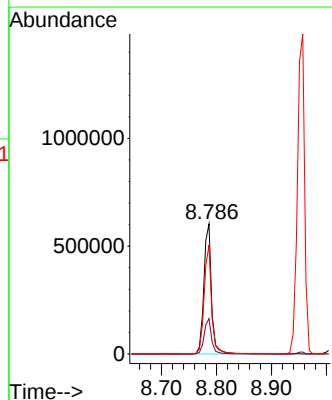
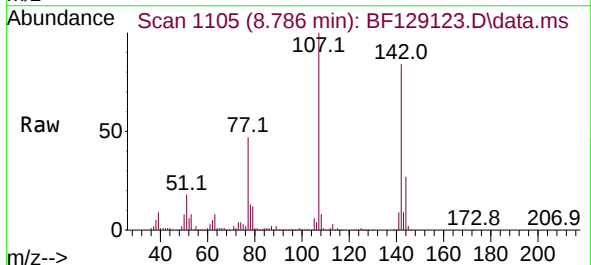
Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

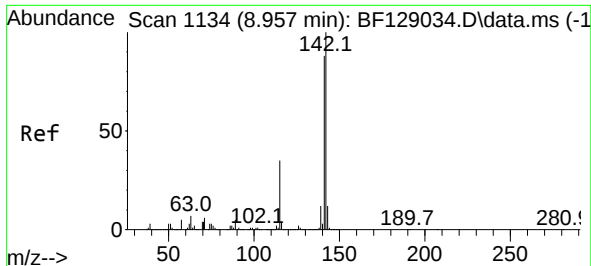
Tgt Ion:113 Resp: 146042
Ion Ratio Lower Upper
113 100
55 161.0 188.5 228.5#
56 118.4 130.6 170.6#



#36
4-Chloro-3-methylphenol
Concen: 42.096 ng
RT: 8.786 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion:107 Resp: 580933
Ion Ratio Lower Upper
107 100
144 27.1 19.5 29.3
142 83.9 58.2 87.4

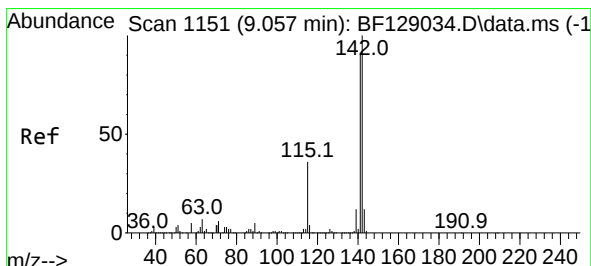
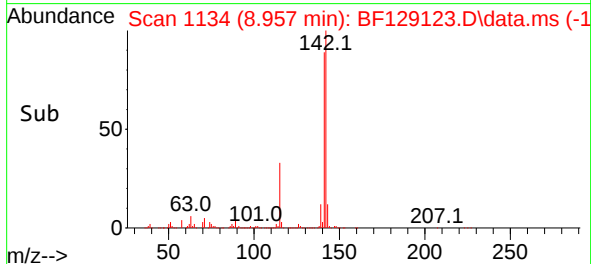
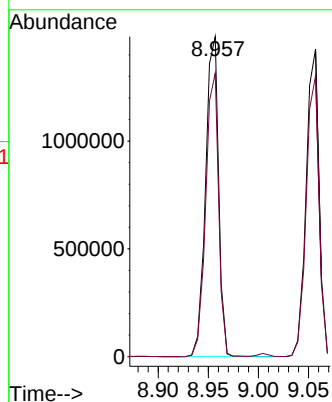
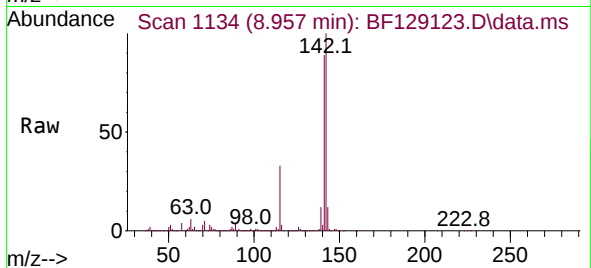




#37
2-Methylnaphthalene
Concen: 45.150 ng
RT: 8.957 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

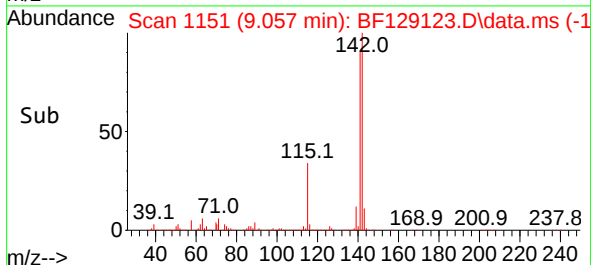
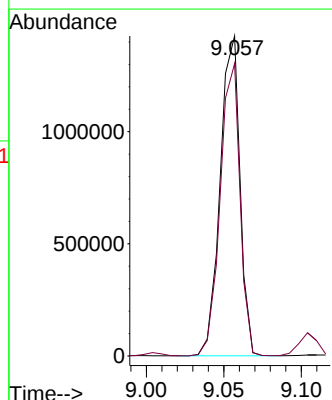
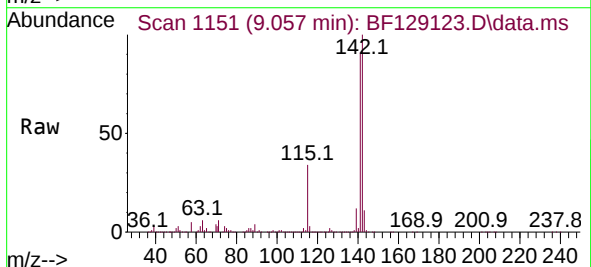
Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

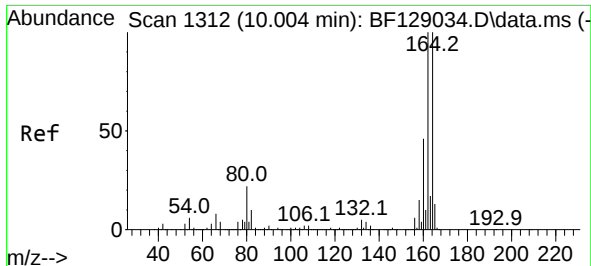
Tgt Ion:142 Resp: 1349390
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4



#38
1-Methylnaphthalene
Concen: 43.708 ng
RT: 9.057 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion:142 Resp: 1268573
Ion Ratio Lower Upper
142 100
141 91.4 74.2 111.4

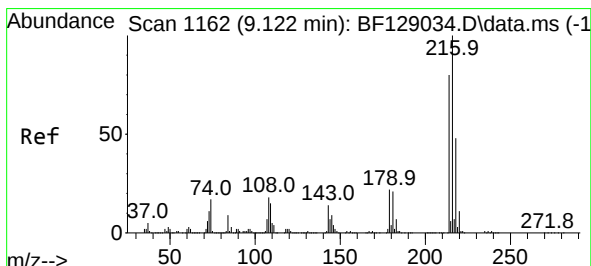
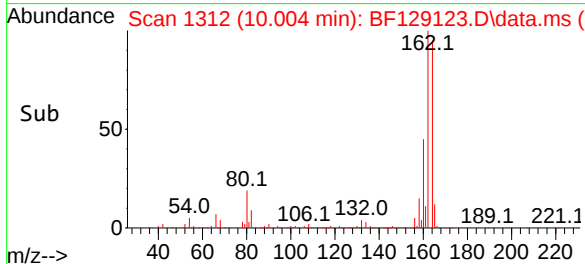
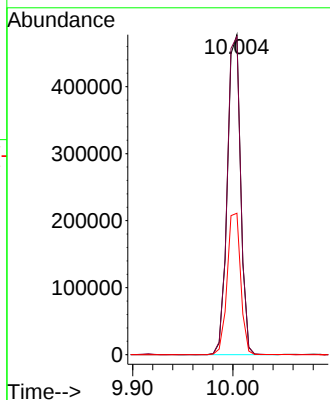
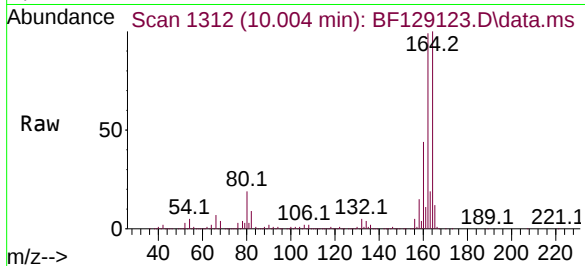




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

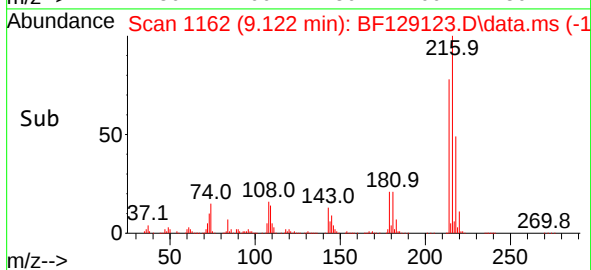
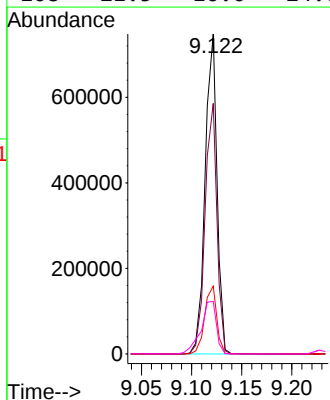
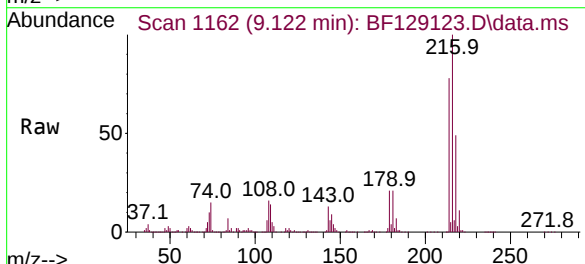
Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

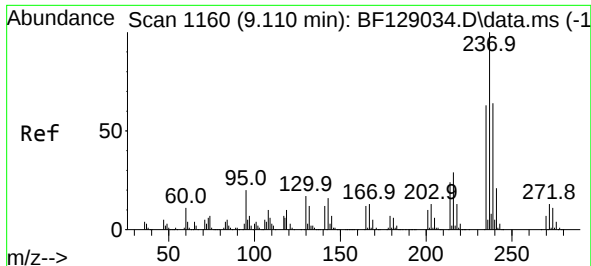
Tgt Ion:164 Resp: 436786
Ion Ratio Lower Upper
164 100
162 99.4 79.5 119.3
160 44.2 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.274 ng
RT: 9.122 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion:216 Resp: 617231
Ion Ratio Lower Upper
216 100
214 78.3 63.6 95.4
179 21.6 17.0 25.6
108 21.5 16.0 24.0

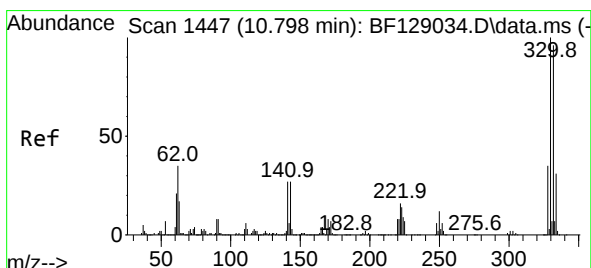
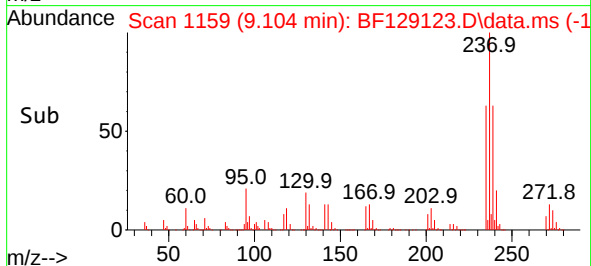
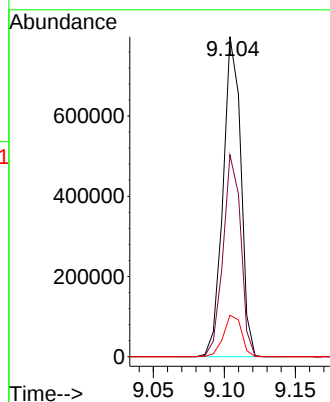
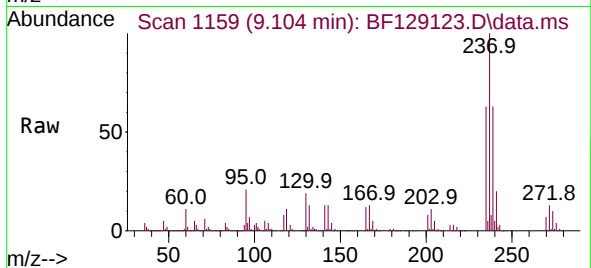




#41
Hexachlorocyclopentadiene
Concen: 106.852 ng
RT: 9.104 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

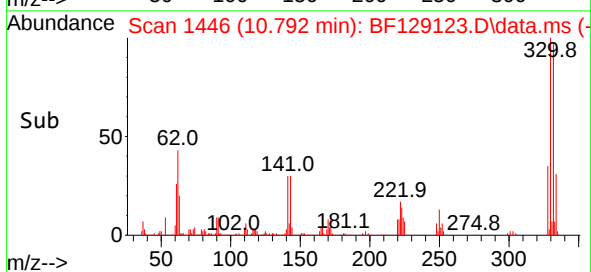
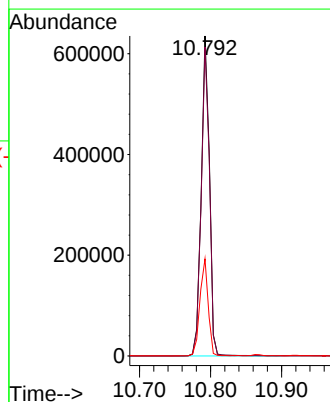
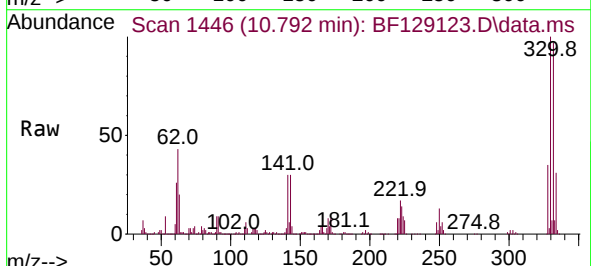
Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

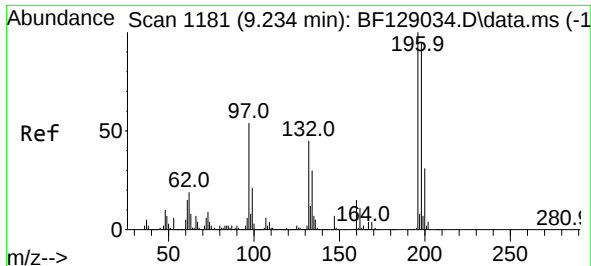
Tgt Ion:237 Resp: 692469
Ion Ratio Lower Upper
237 100
235 63.0 43.2 83.2
272 12.9 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 107.792 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion:330 Resp: 511946
Ion Ratio Lower Upper
330 100
332 96.9 76.8 115.2
141 30.8 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 46.896 ng

RT: 9.227 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-200033MSD

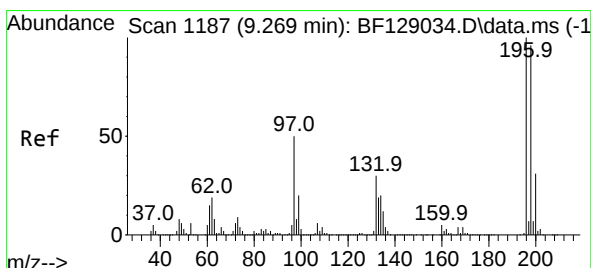
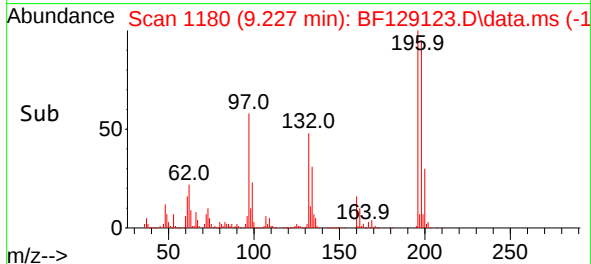
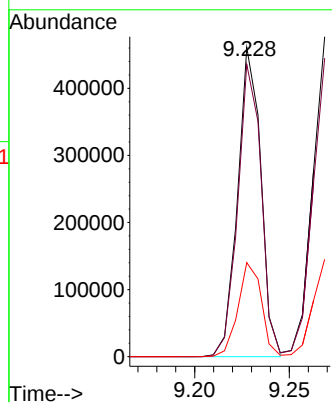
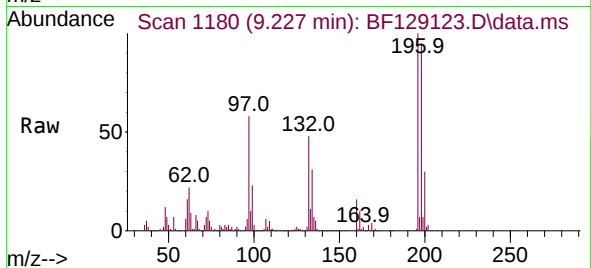
Tgt Ion:196 Resp: 392170

Ion Ratio Lower Upper

196 100

198 94.5 74.0 111.0

200 30.4 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 46.164 ng

RT: 9.269 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

Tgt Ion:196 Resp: 410633

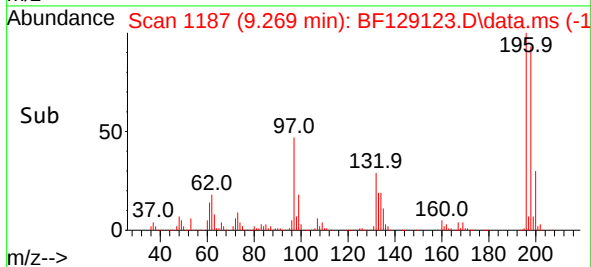
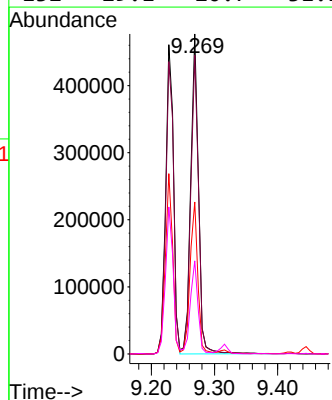
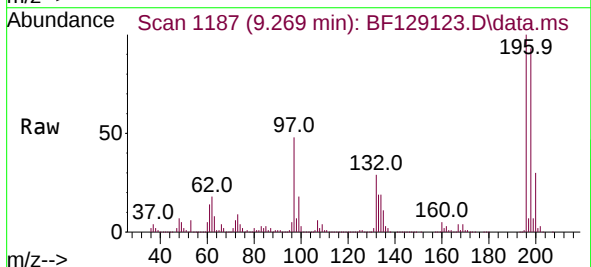
Ion Ratio Lower Upper

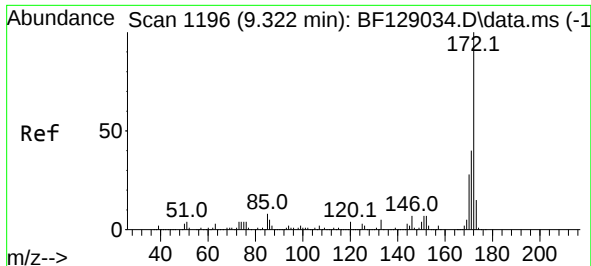
196 100

198 93.3 75.7 113.5

97 47.5 36.4 54.6

132 29.1 20.7 31.1

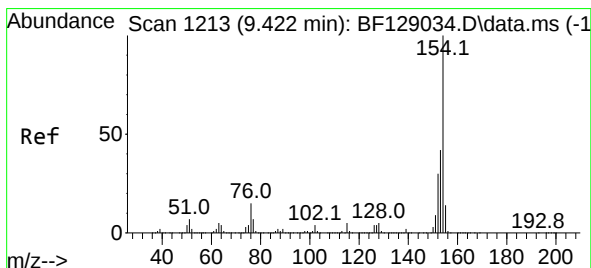
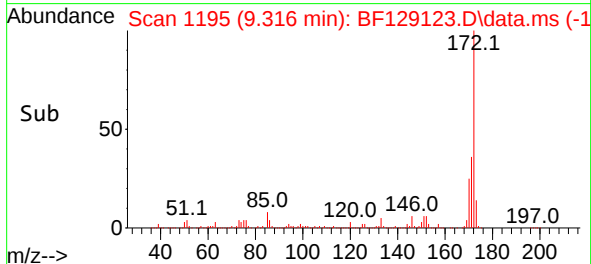
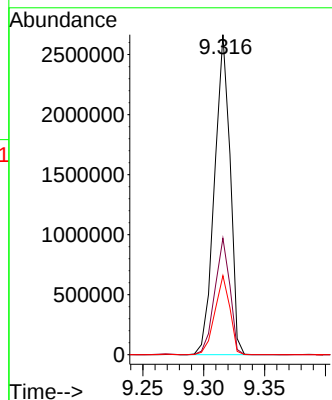
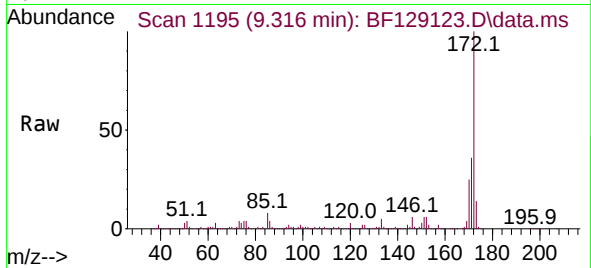




#45
2-Fluorobiphenyl
Concen: 86.998 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

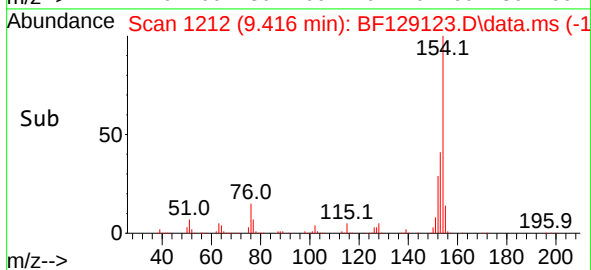
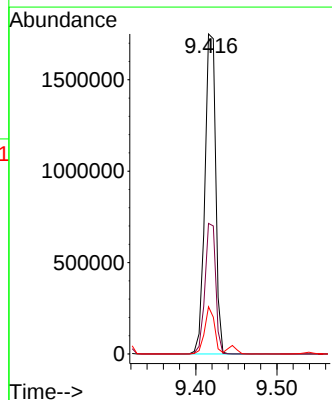
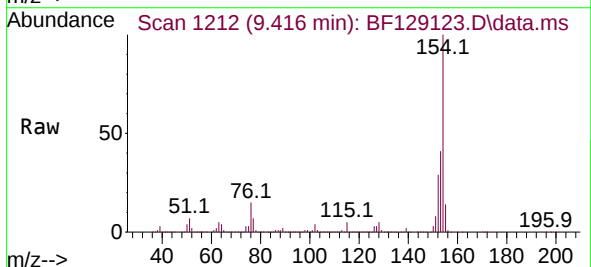
Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

Tgt Ion:172 Resp: 2375288
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.7 19.8 29.8



#46
1,1'-Biphenyl
Concen: 51.471 ng
RT: 9.416 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion:154 Resp: 1616265
Ion Ratio Lower Upper
154 100
153 40.8 20.6 60.6
76 14.7 0.0 33.3





#47

2-Chloronaphthalene

Concen: 48.810 ng

RT: 9.445 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-200033MSD

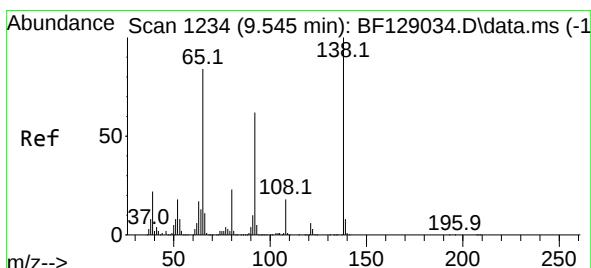
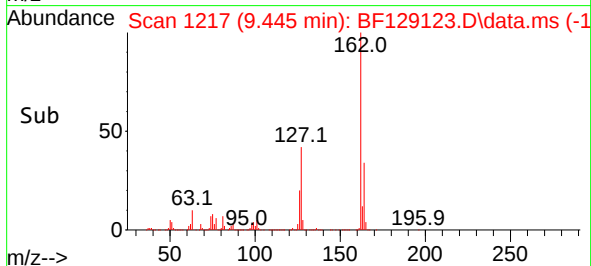
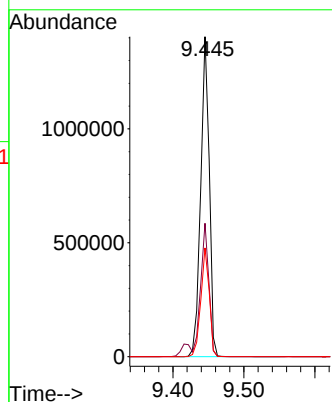
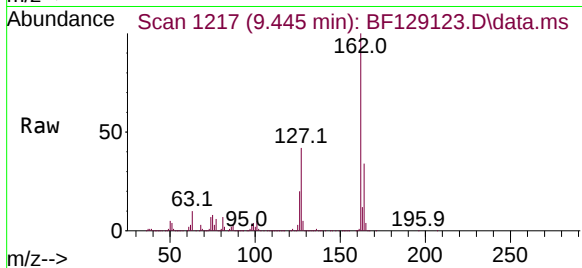
Tgt Ion:162 Resp: 1183624

Ion Ratio Lower Upper

162 100

127 41.7 34.5 51.7

164 34.0 26.5 39.7



#48

2-Nitroaniline

Concen: 51.931 ng

RT: 9.539 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

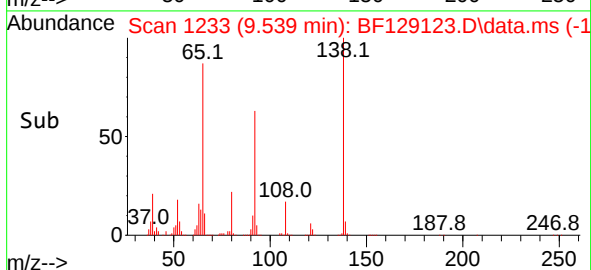
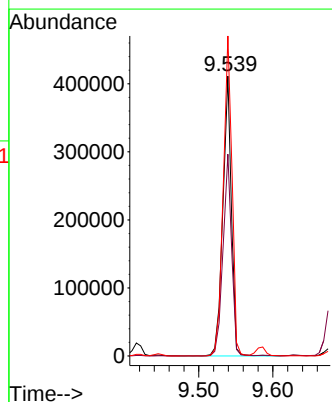
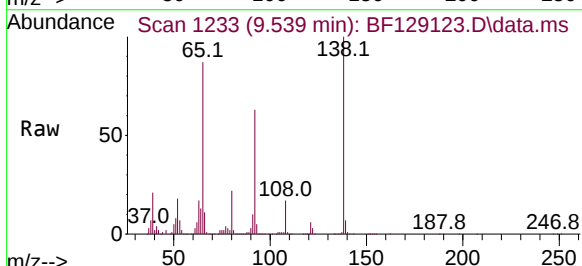
Tgt Ion: 65 Resp: 331675

Ion Ratio Lower Upper

65 100

92 72.1 51.9 77.9

138 114.4 76.4 114.6





#49

Acenaphthylene

Concen: 51.167 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-200033MSD

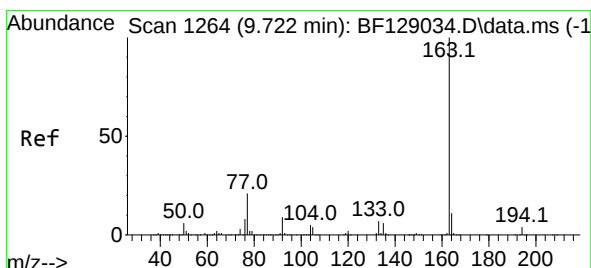
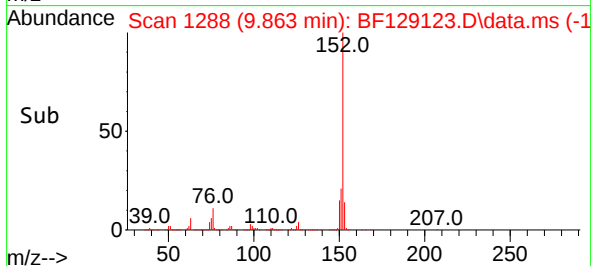
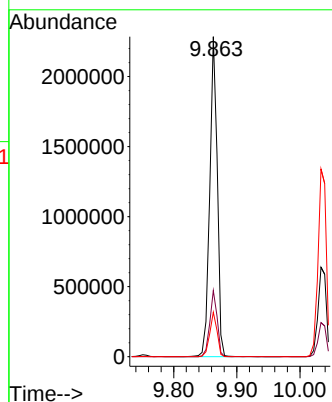
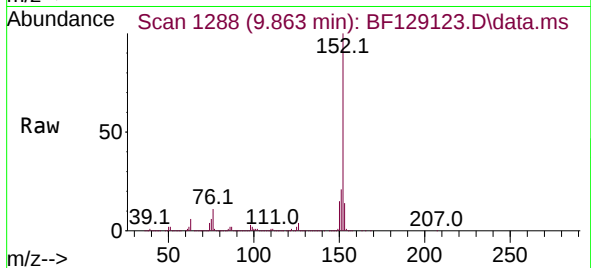
Tgt Ion:152 Resp: 1885375

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

153 13.9 10.7 16.1



#50

Dimethylphthalate

Concen: 49.358 ng

RT: 9.716 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

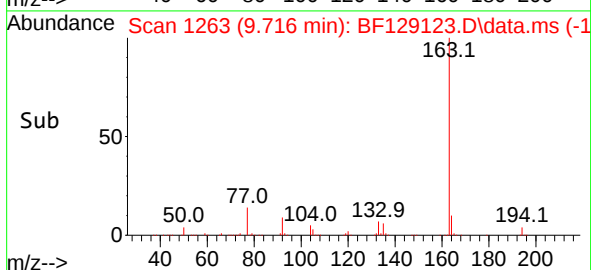
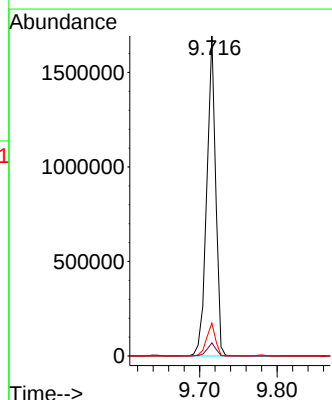
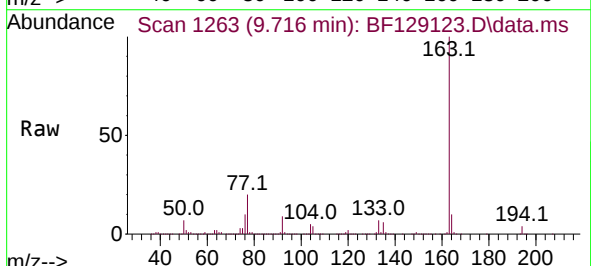
Tgt Ion:163 Resp: 1348724

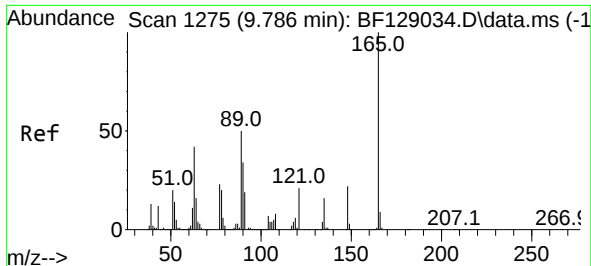
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.3 8.2 12.2

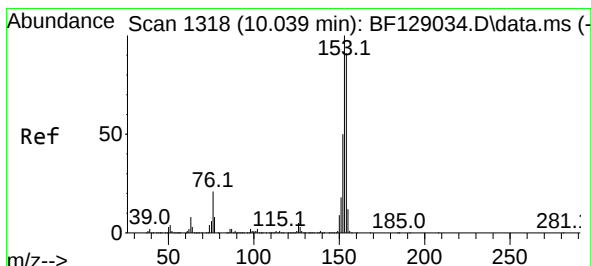
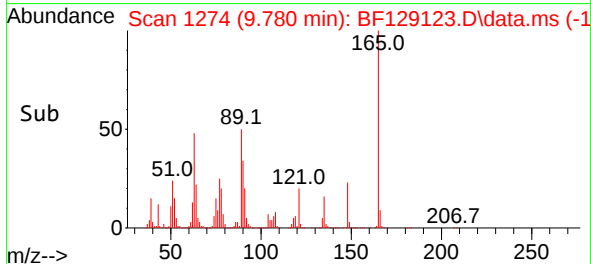
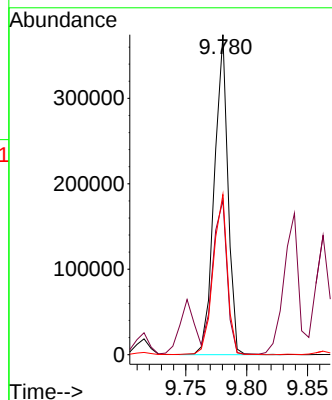
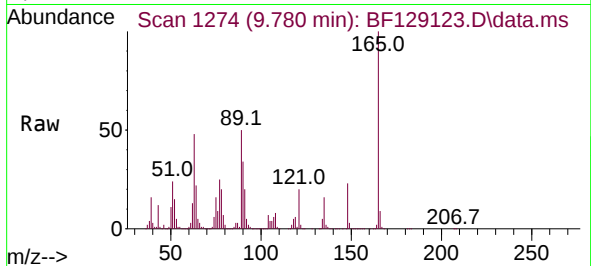




#51
2,6-Dinitrotoluene
Concen: 52.122 ng
RT: 9.780 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

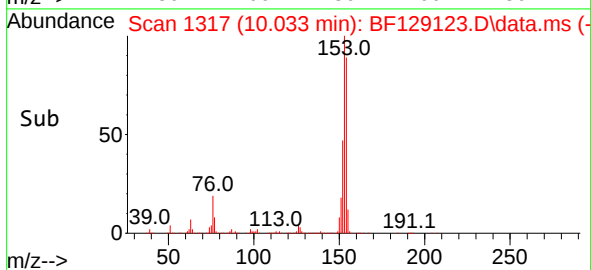
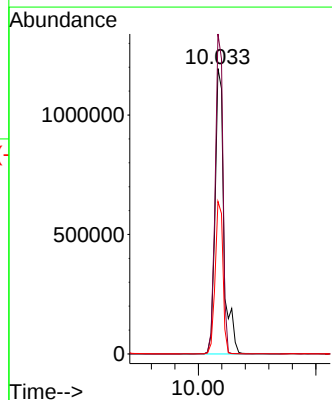
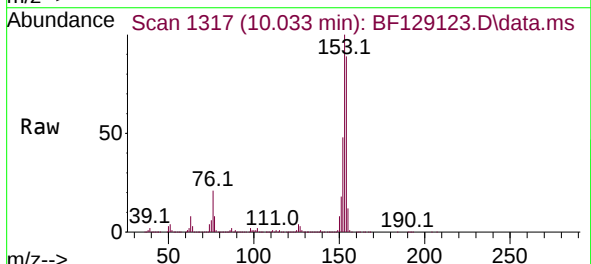
Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

Tgt Ion:165 Resp: 291039
Ion Ratio Lower Upper
165 100
63 48.2 44.9 67.3
89 50.1 43.6 65.4



#52
Acenaphthene
Concen: 51.883 ng
RT: 10.033 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion:154 Resp: 1245256
Ion Ratio Lower Upper
154 100
153 112.1 89.6 134.4
152 53.5 42.4 63.6

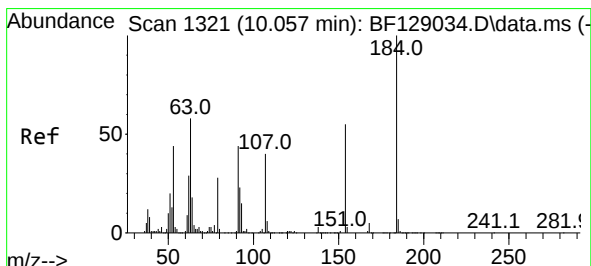
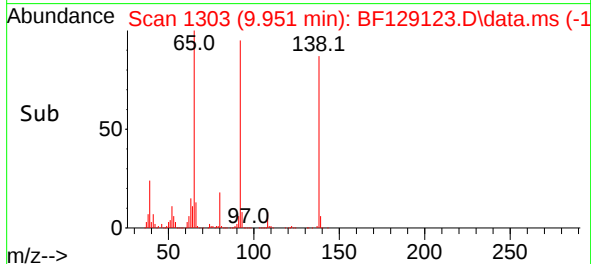
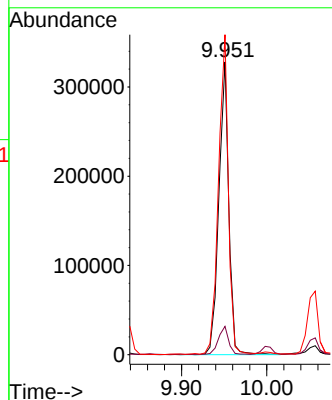
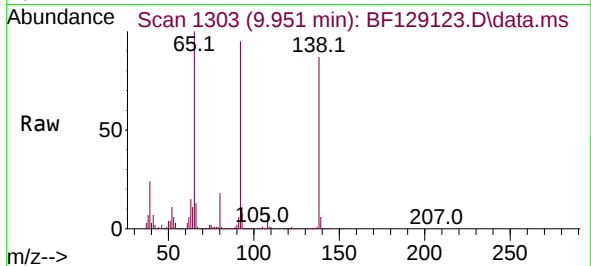




#53
3-Nitroaniline
Concen: 39.804 ng
RT: 9.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

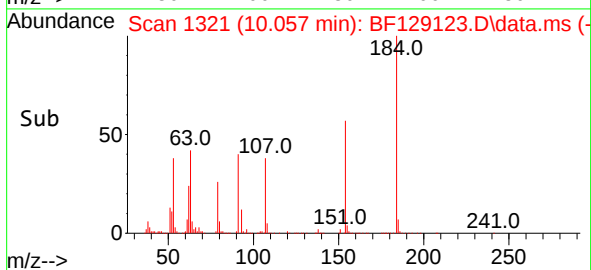
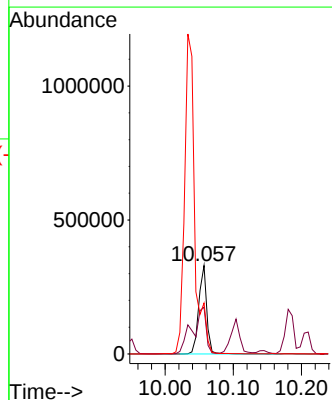
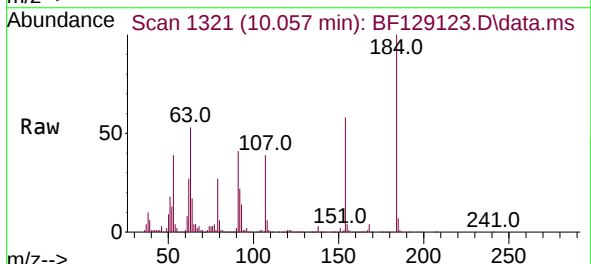
Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

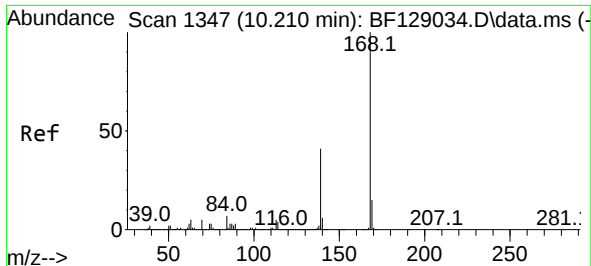
Tgt Ion:138 Resp: 265041
Ion Ratio Lower Upper
138 100
108 9.7 10.9 16.3#
92 109.3 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 87.812 ng
RT: 10.057 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion:184 Resp: 267372
Ion Ratio Lower Upper
184 100
63 52.8 64.5 96.7#
154 57.5 50.6 75.8

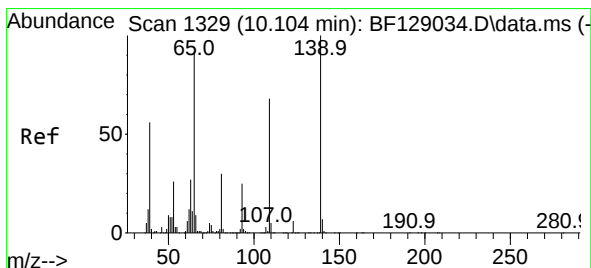
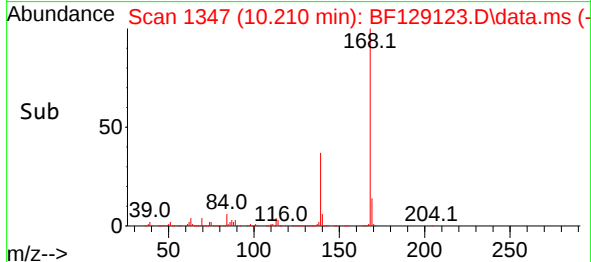
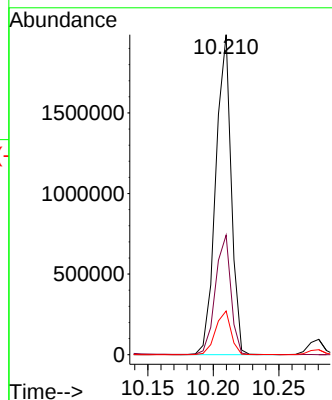
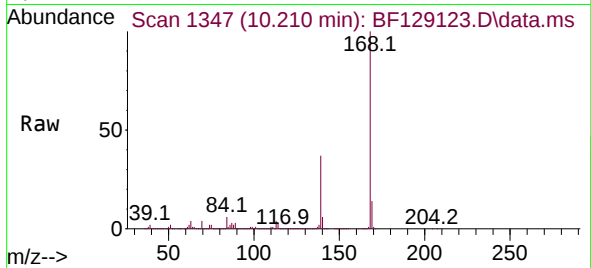




#55
Dibenzofuran
Concen: 46.380 ng
RT: 10.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

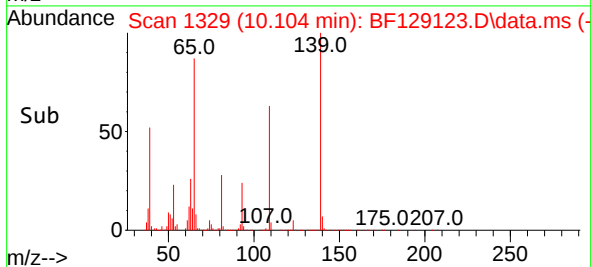
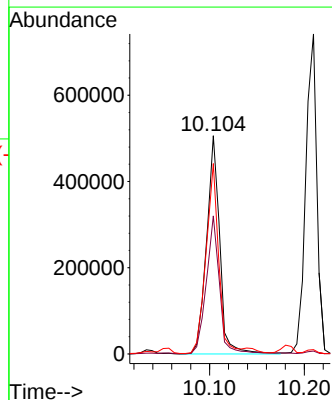
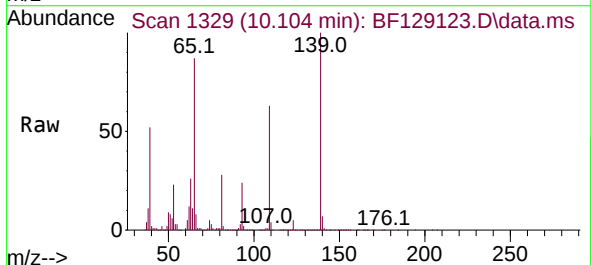
Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

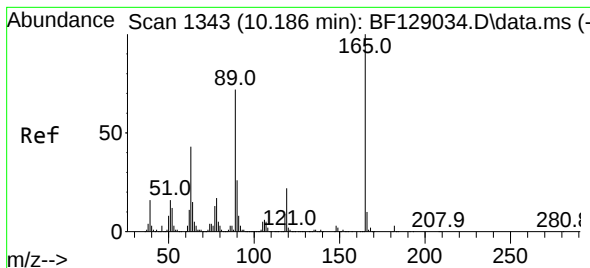
Tgt Ion:168 Resp: 1620916
Ion Ratio Lower Upper
168 100
139 37.4 30.6 46.0
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 89.631 ng
RT: 10.104 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion:139 Resp: 487641
Ion Ratio Lower Upper
139 100
109 63.3 50.7 90.7
65 87.3 74.5 114.5

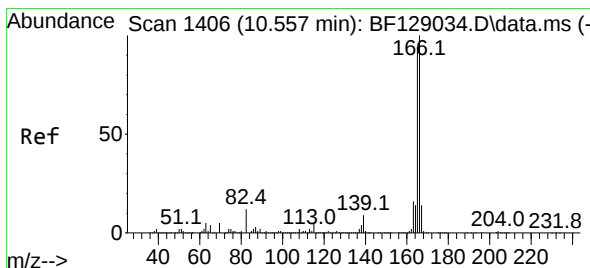
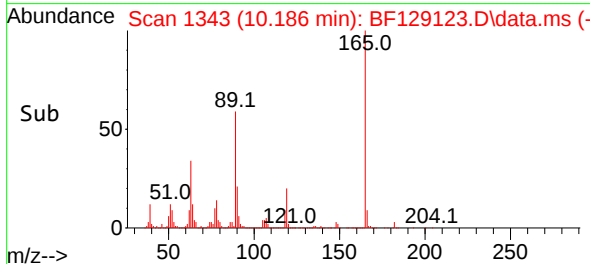
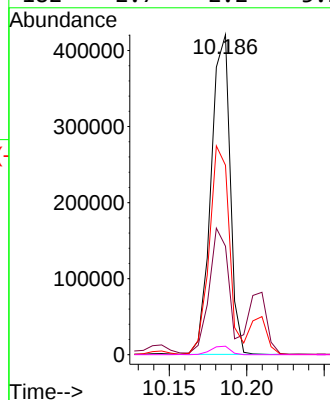
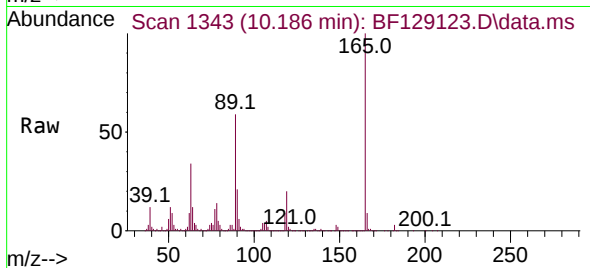




#57
2,4-Dinitrotoluene
Concen: 52.140 ng
RT: 10.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

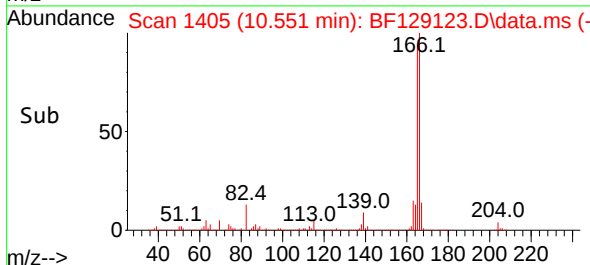
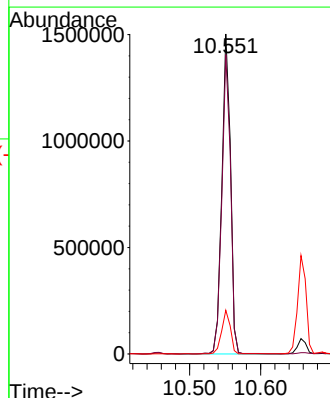
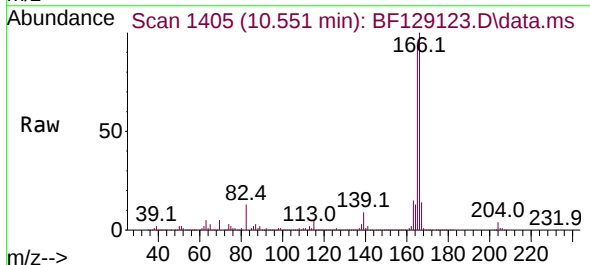
Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

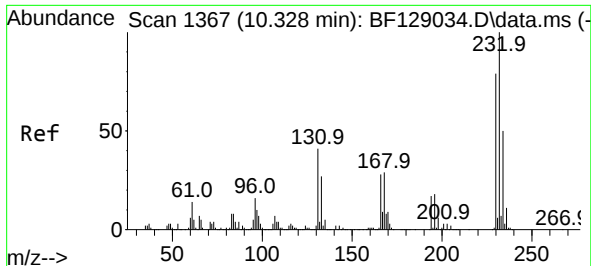
Tgt Ion:165 Resp: 359418
Ion Ratio Lower Upper
165 100
63 33.9 39.8 59.6#
89 59.2 60.2 90.2#
182 2.7 2.2 3.2



#58
Fluorene
Concen: 46.603 ng
RT: 10.551 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion:166 Resp: 1259832
Ion Ratio Lower Upper
166 100
165 93.6 78.1 117.1
167 13.7 10.5 15.7

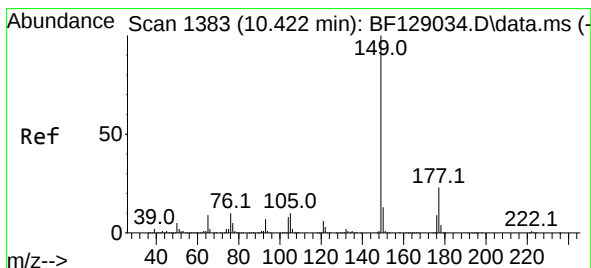
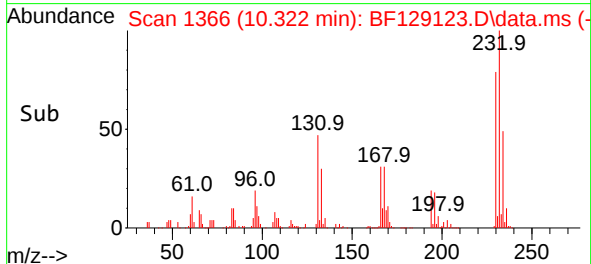
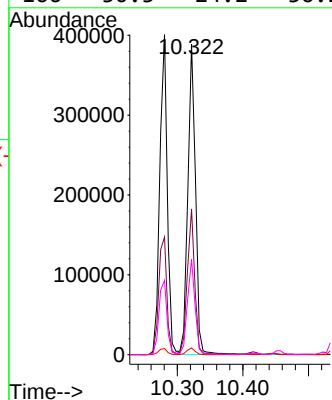
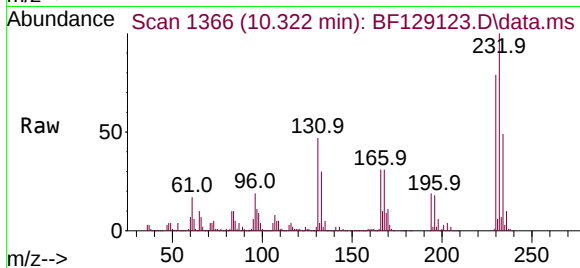




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.381 ng
RT: 10.322 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

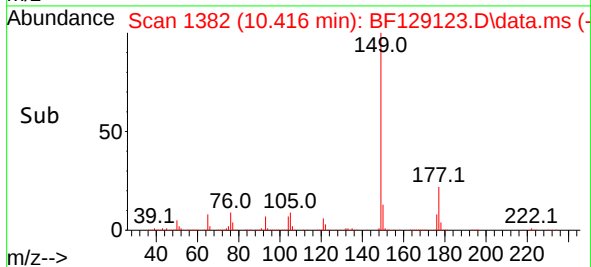
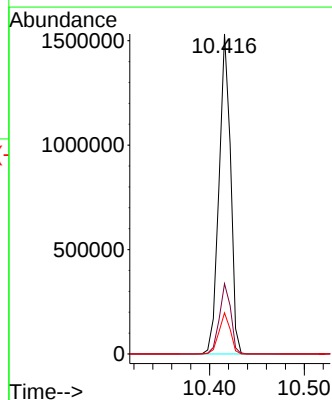
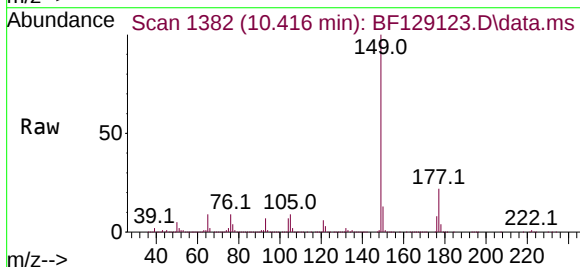
Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

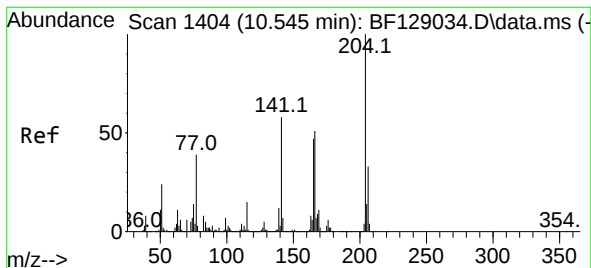
Tgt Ion:232 Resp: 312316
Ion Ratio Lower Upper
232 100
131 45.3 36.1 54.1
130 2.3 1.8 2.8
166 30.3 24.2 36.2



#60
Diethylphthalate
Concen: 47.147 ng
RT: 10.416 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion:149 Resp: 1290936
Ion Ratio Lower Upper
149 100
177 21.9 17.3 25.9
150 12.9 10.2 15.2

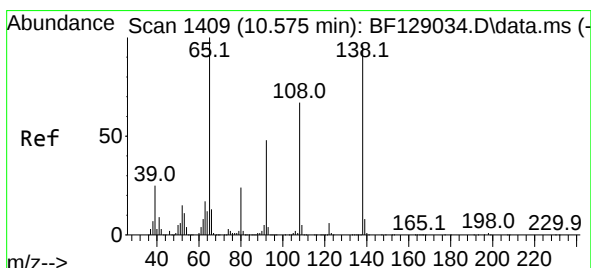
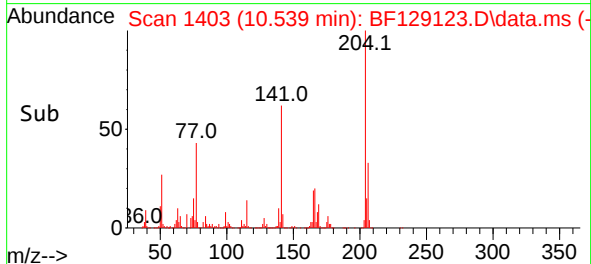
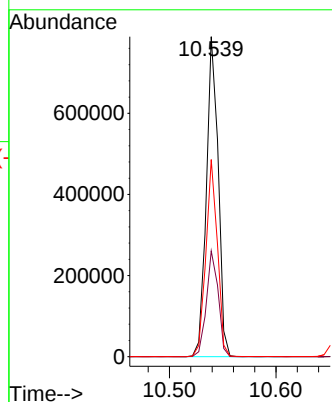
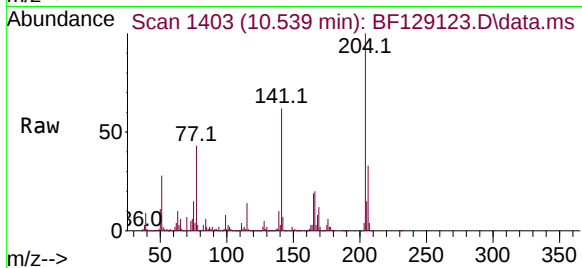




#61
4-Chlorophenyl-phenylether
Concen: 45.366 ng
RT: 10.539 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

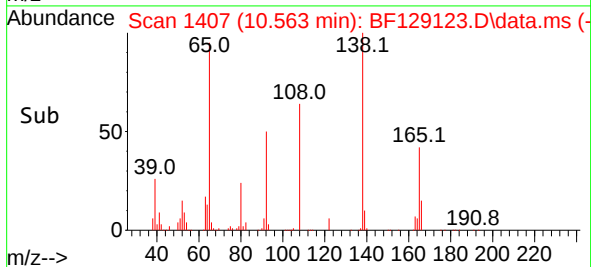
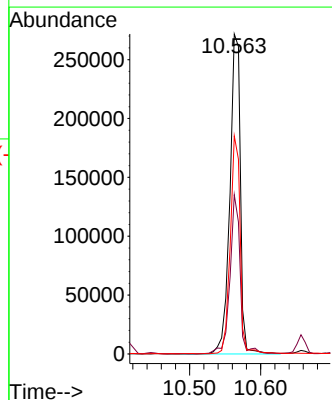
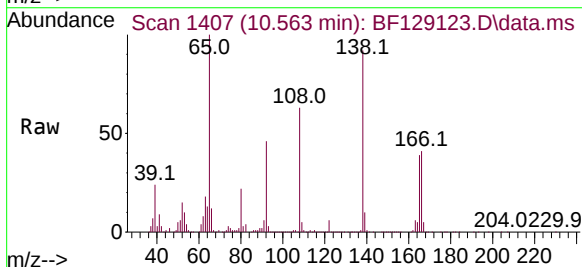
Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

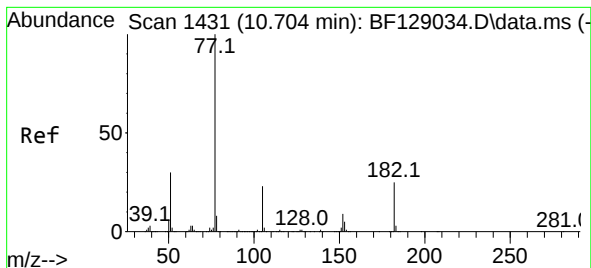
Tgt Ion:204 Resp: 611054
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 61.6 47.0 70.4



#62
4-Nitroaniline
Concen: 42.441 ng
RT: 10.563 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion:138 Resp: 280238
Ion Ratio Lower Upper
138 100
92 49.8 33.5 73.5
108 68.1 61.0 101.0





#63

Azobenzene

Concen: 44.221 ng

RT: 10.698 min Scan# 1431

Delta R.T. -0.006 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-200033MSD

Tgt Ion: 77 Resp: 1186286

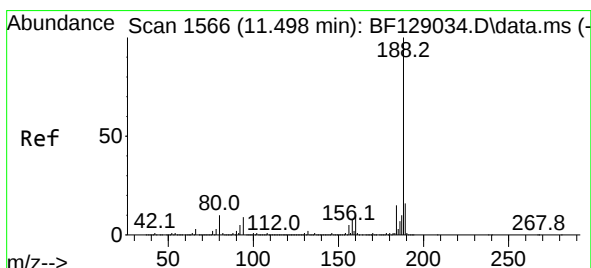
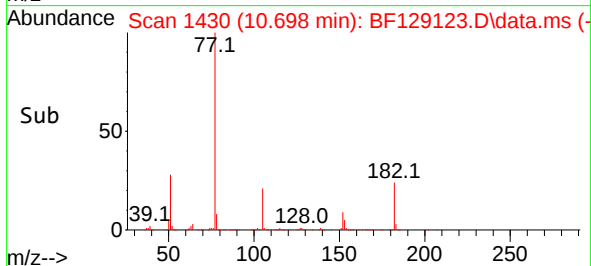
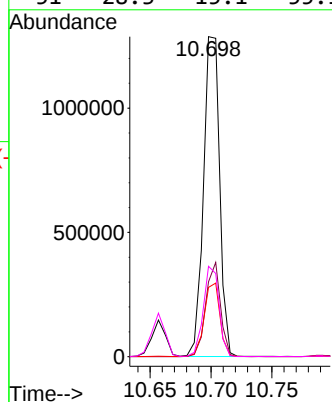
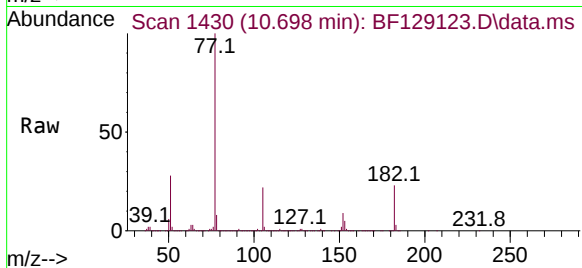
Ion Ratio Lower Upper

77 100

182 23.4 5.6 45.6

105 21.6 1.6 41.6

51 28.3 15.1 55.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1565

Delta R.T. -0.006 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

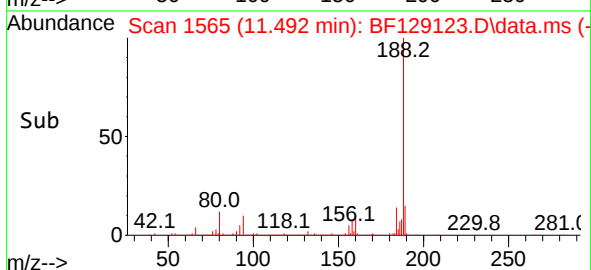
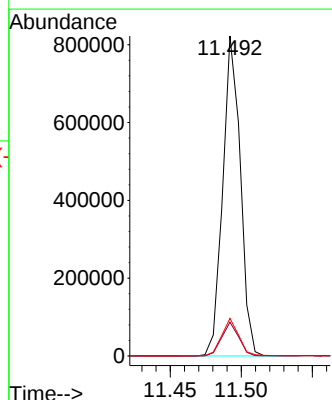
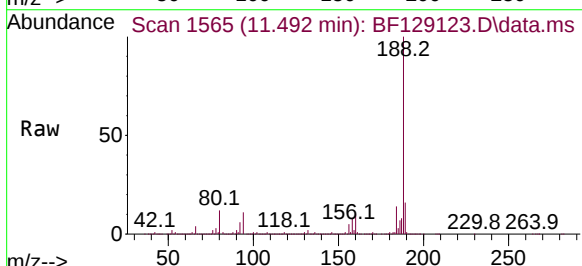
Tgt Ion:188 Resp: 705902

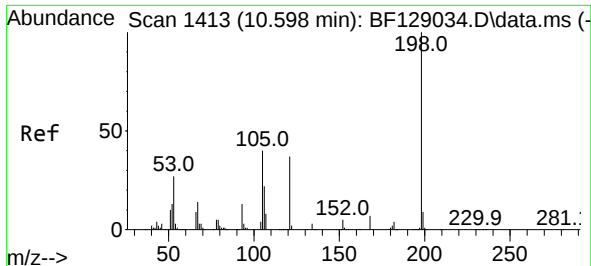
Ion Ratio Lower Upper

188 100

94 10.5 7.0 10.6

80 11.8 7.6 11.4#

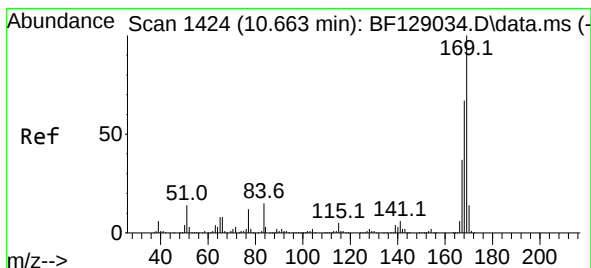
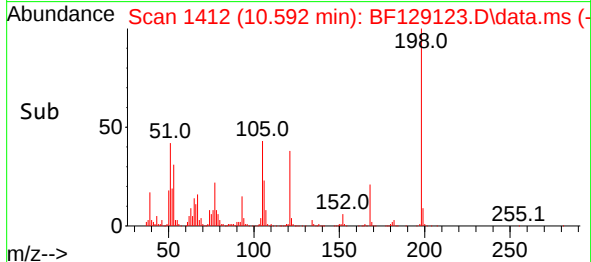
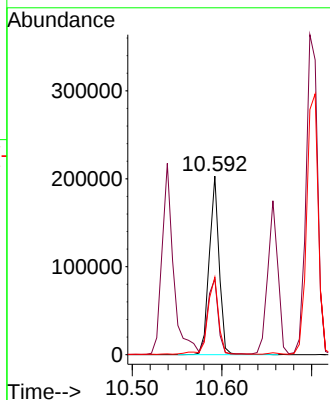
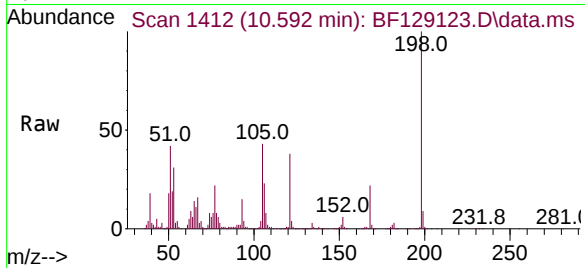




#65
4,6-Dinitro-2-methylphenol
Concen: 49.836 ng
RT: 10.592 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

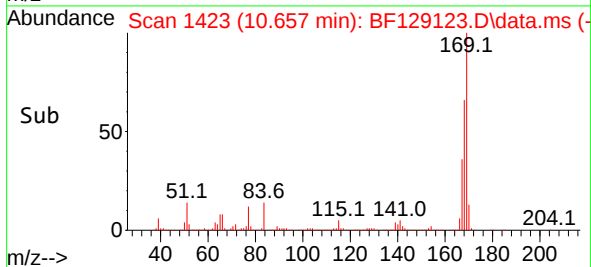
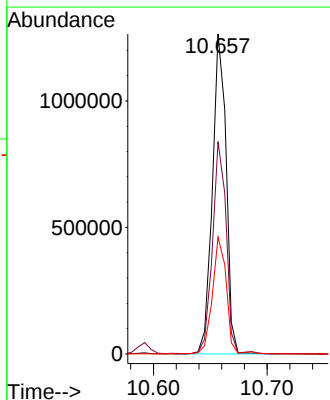
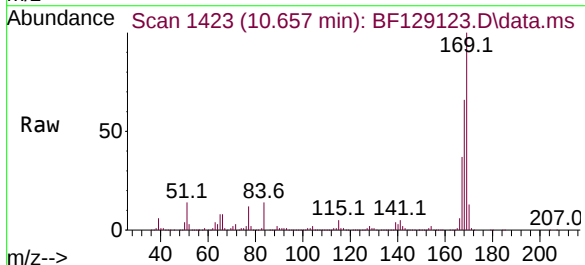
Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

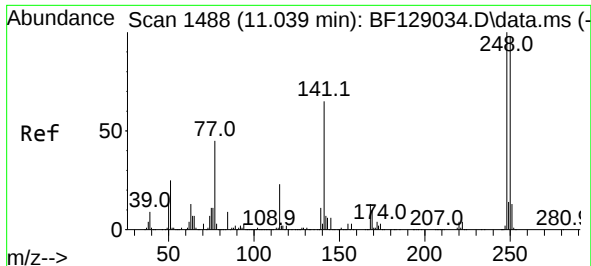
Tgt Ion:198 Resp: 155639
Ion Ratio Lower Upper
198 100
51 42.5 37.6 77.6
105 43.4 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 49.425 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion:169 Resp: 1059609
Ion Ratio Lower Upper
169 100
168 66.4 50.1 75.1
167 36.5 27.9 41.9

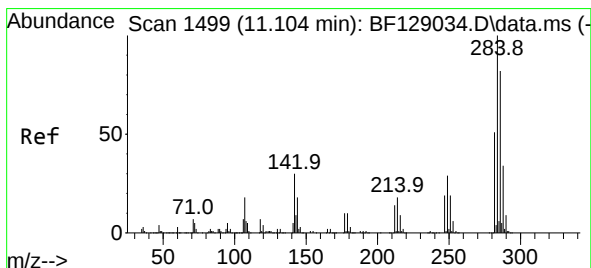
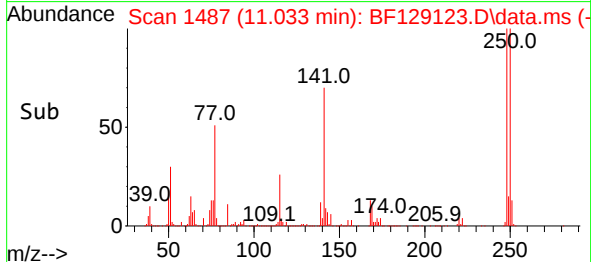
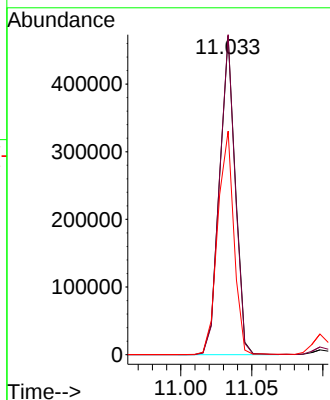
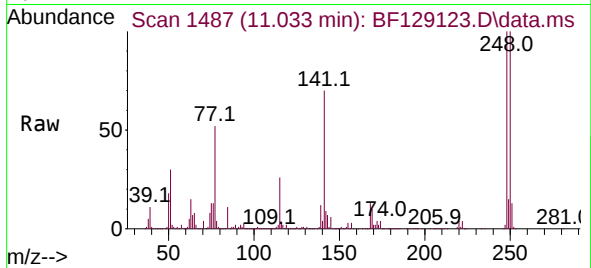




#67
4-Bromophenyl-phenylether
Concen: 48.310 ng
RT: 11.033 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

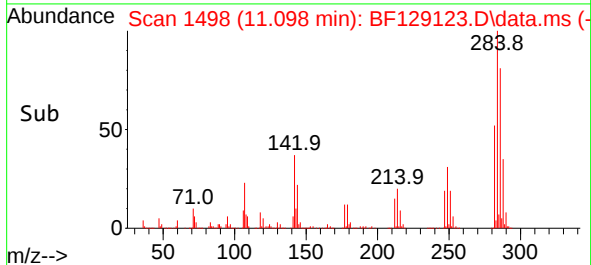
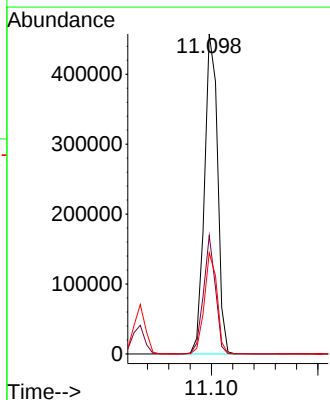
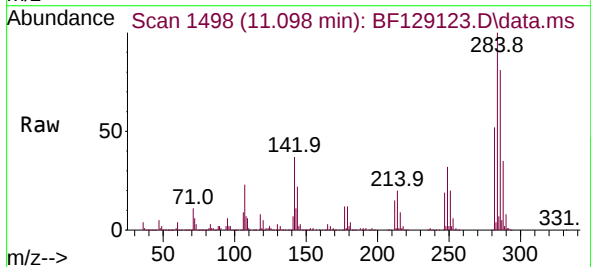
Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

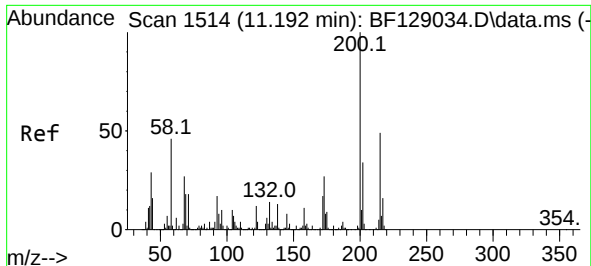
Tgt Ion:248 Resp: 362751
Ion Ratio Lower Upper
248 100
250 100.4 80.6 120.8
141 70.1 58.9 88.3



#68
Hexachlorobenzene
Concen: 47.087 ng
RT: 11.098 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion:284 Resp: 393706
Ion Ratio Lower Upper
284 100
142 37.0 29.0 43.4
249 31.6 25.0 37.6

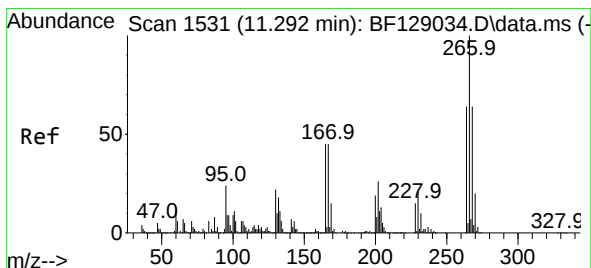
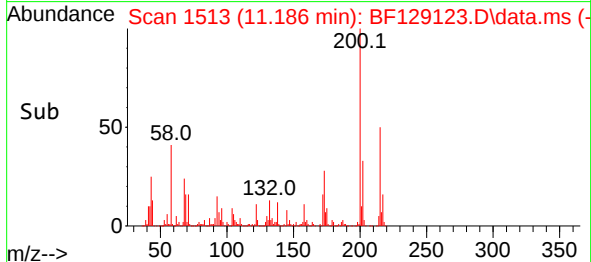
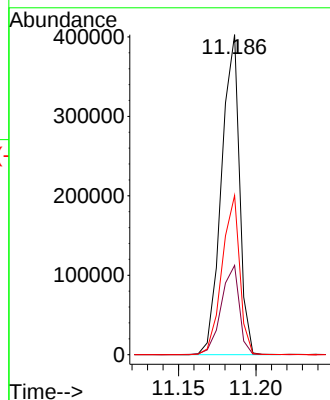
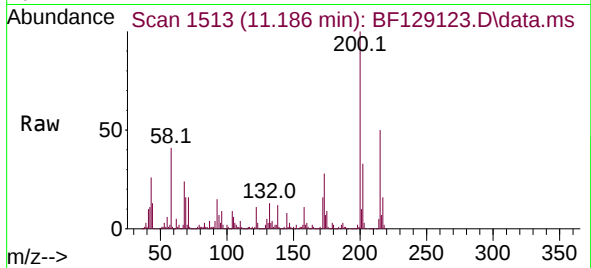




#69
Atrazine
Concen: 53.873 ng
RT: 11.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

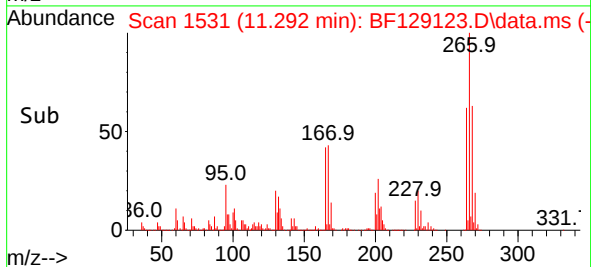
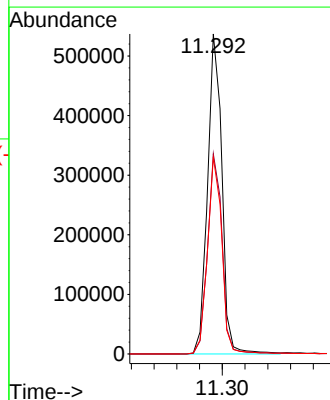
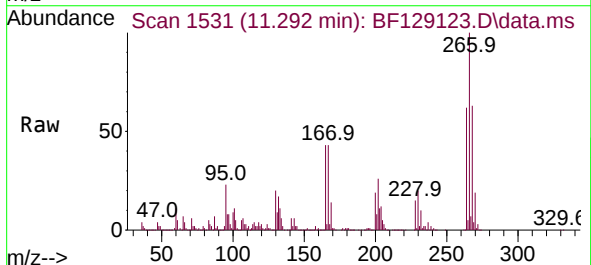
Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

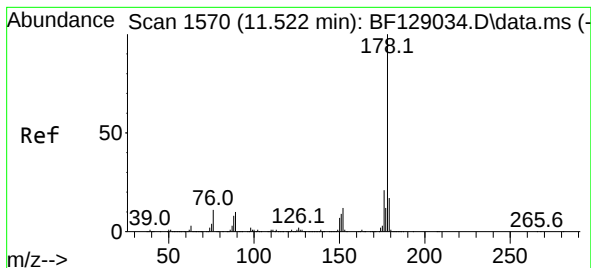
Tgt Ion:200 Resp: 324999
Ion Ratio Lower Upper
200 100
173 27.9 6.3 46.3
215 49.8 28.3 68.3



#70
Pentachlorophenol
Concen: 94.221 ng
RT: 11.292 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion:266 Resp: 469236
Ion Ratio Lower Upper
266 100
268 62.5 51.0 76.4
264 61.5 49.4 74.2





#71

Phenanthrene

Concen: 55.519 ng

RT: 11.521 min Scan# 1570

Delta R.T. -0.000 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-200033MSD

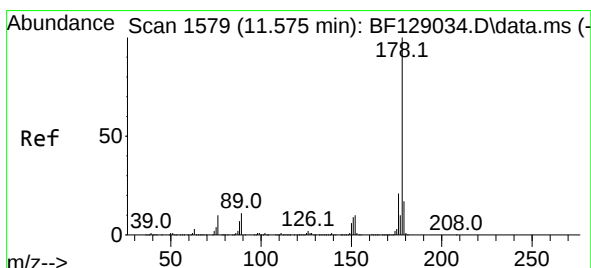
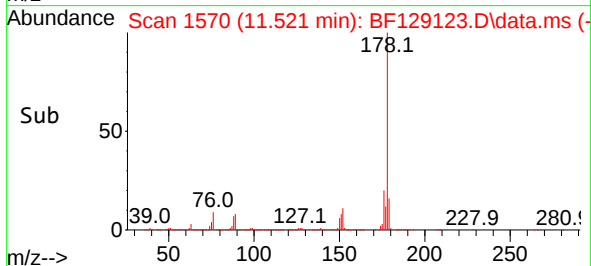
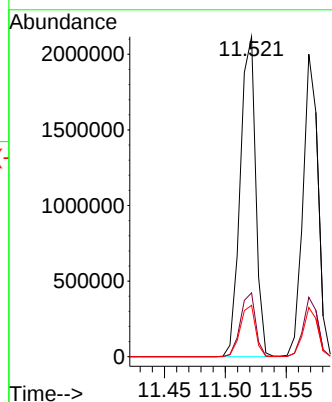
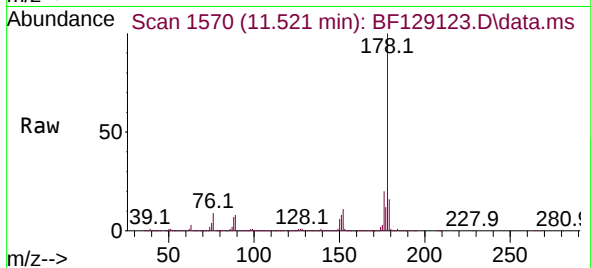
Tgt Ion:178 Resp: 1872537

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

179 16.0 12.6 19.0



#72

Anthracene

Concen: 51.951 ng

RT: 11.569 min Scan# 1578

Delta R.T. -0.006 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

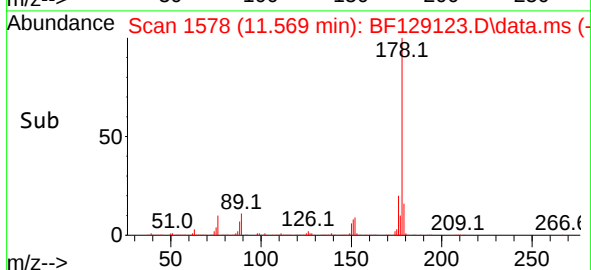
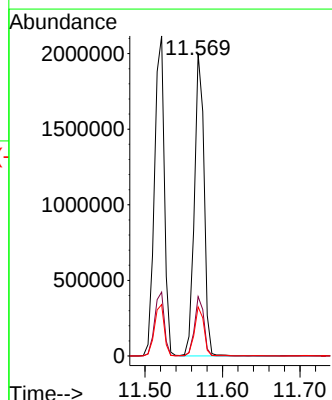
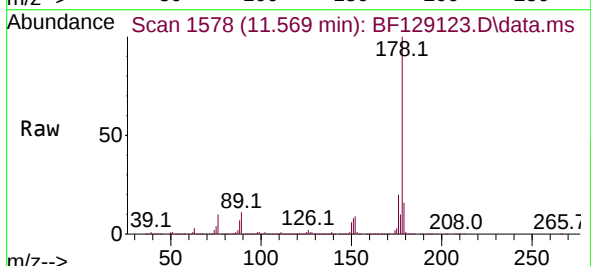
Tgt Ion:178 Resp: 1727552

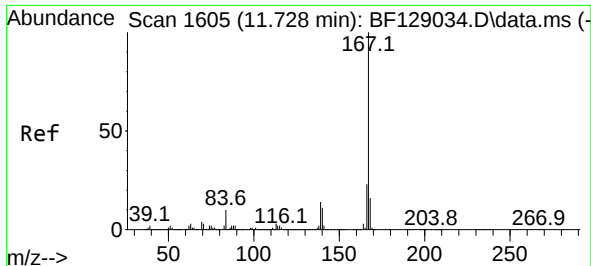
Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 16.2 12.6 19.0

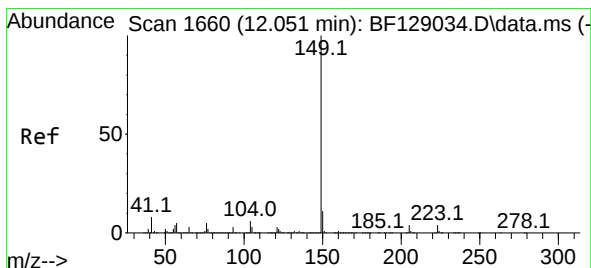
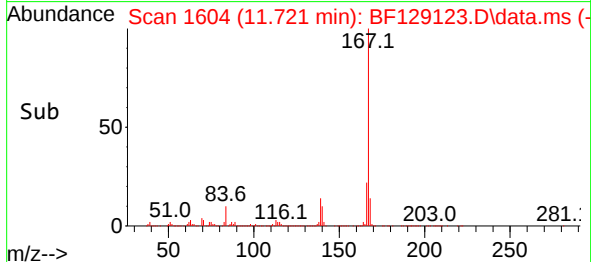
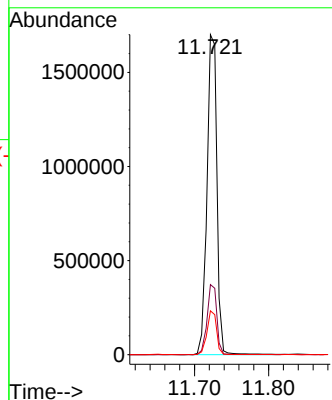
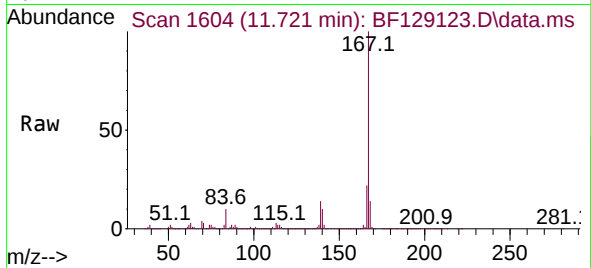




#73
 Carbazole
 Concen: 47.590 ng
 RT: 11.721 min Scan# 1604
 Delta R.T. -0.006 min
 Lab File: BF129123.D
 Acq: 05 Jul 2022 14:49

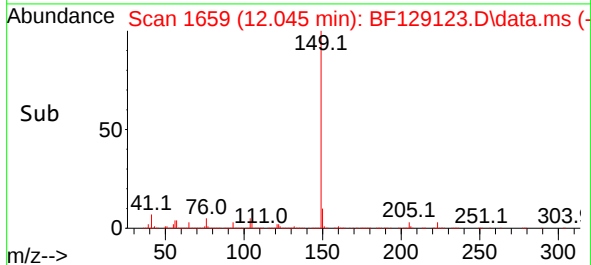
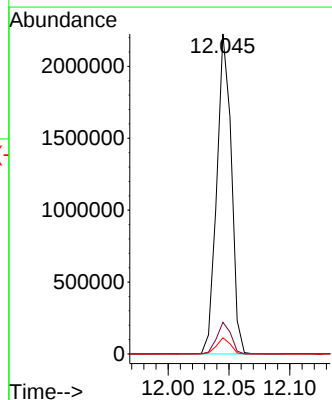
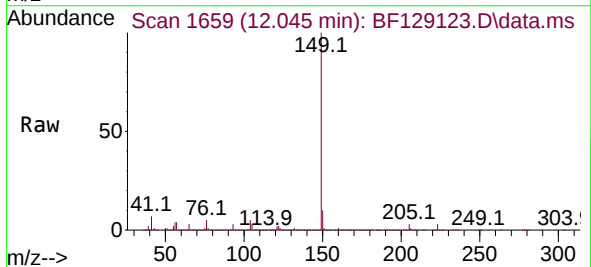
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200033MSD

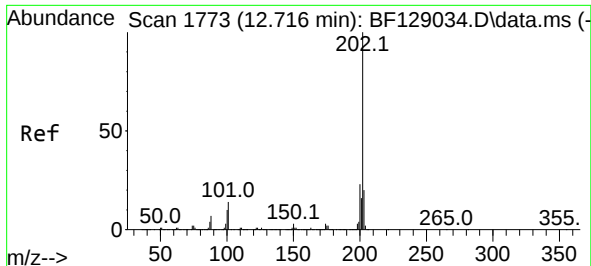
Tgt Ion:167 Resp: 1585739
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 13.7 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 52.827 ng
 RT: 12.045 min Scan# 1659
 Delta R.T. -0.006 min
 Lab File: BF129123.D
 Acq: 05 Jul 2022 14:49

Tgt Ion:149 Resp: 1855963
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.5 11.3
 104 5.0 4.4 6.6

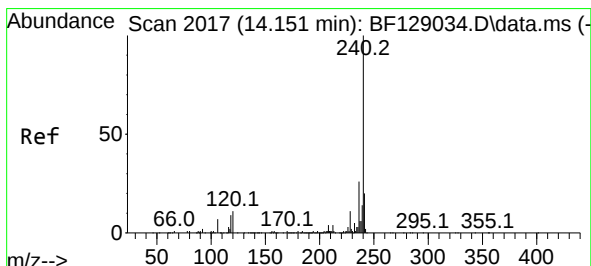
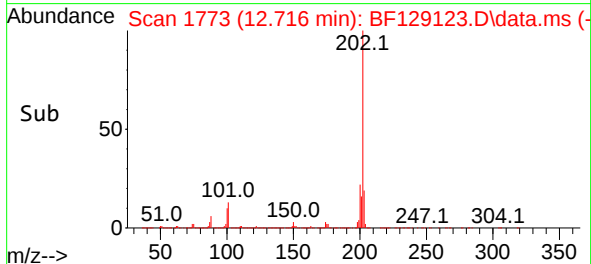
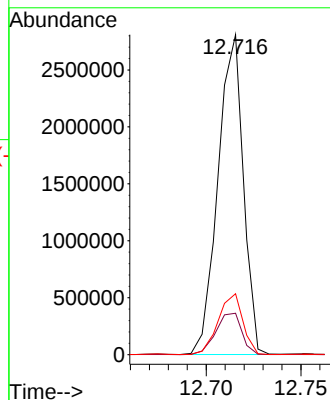
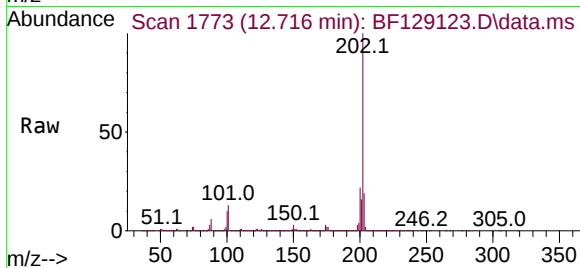




#75
Fluoranthene
Concen: 74.232 ng
RT: 12.716 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

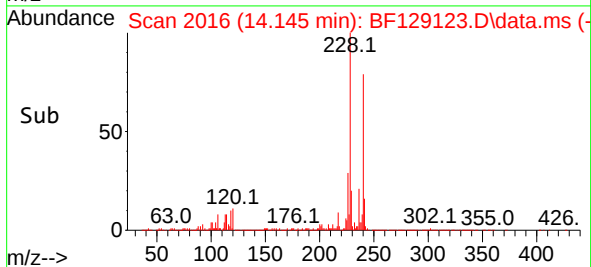
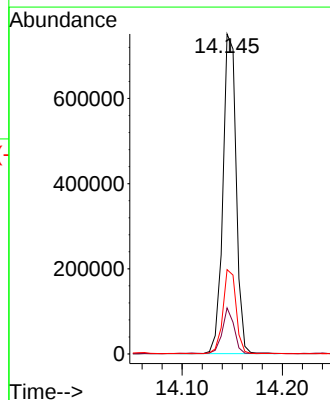
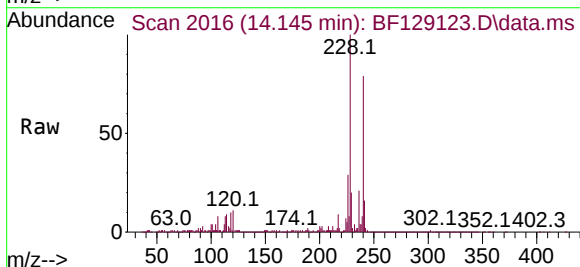
Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

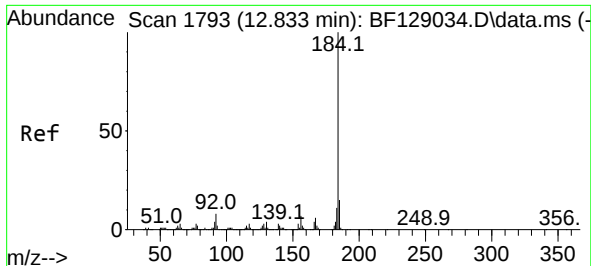
Tgt Ion:202 Resp: 2618383
Ion Ratio Lower Upper
202 100
101 13.0 0.0 31.4
203 19.0 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion:240 Resp: 688297
Ion Ratio Lower Upper
240 100
120 14.4 8.9 13.3#
236 26.4 20.8 31.2

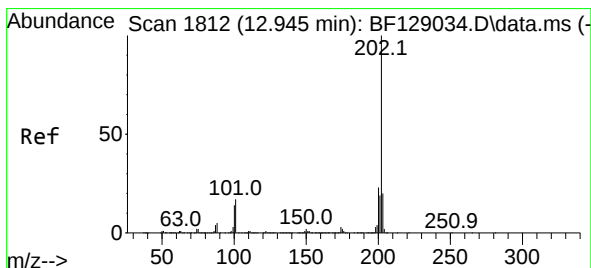
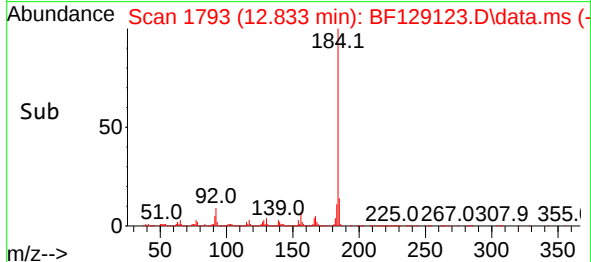
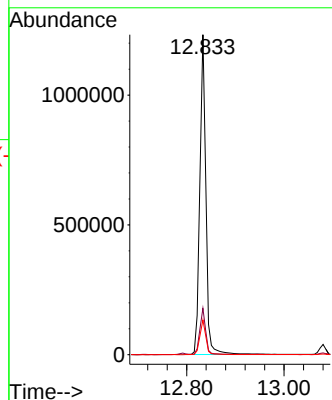
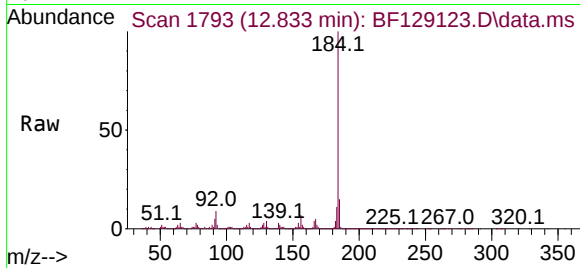




#77
Benzidine
Concen: 87.793 ng
RT: 12.833 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

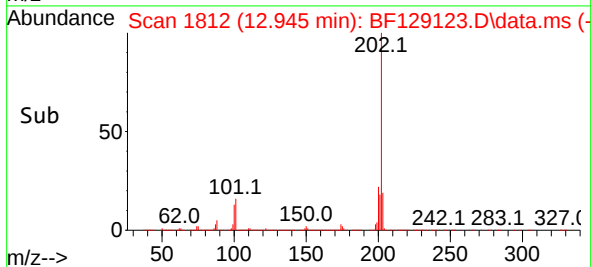
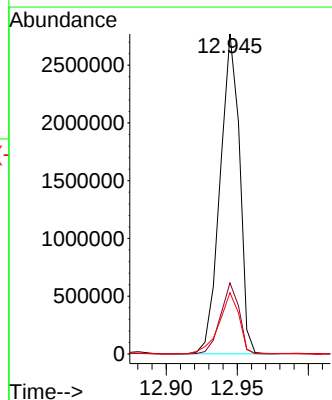
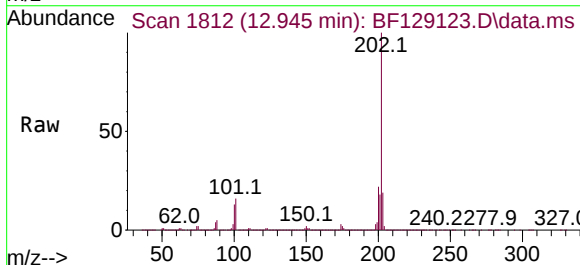
Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

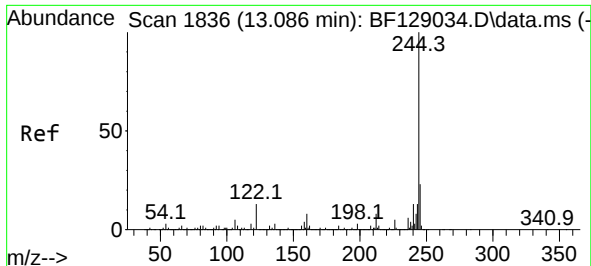
Tgt Ion:184 Resp: 1075993
Ion Ratio Lower Upper
184 100
185 14.5 11.9 17.9
183 10.9 9.3 13.9



#78
Pyrene
Concen: 55.077 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion:202 Resp: 2627709
Ion Ratio Lower Upper
202 100
200 22.2 17.7 26.5
203 19.2 14.6 21.8

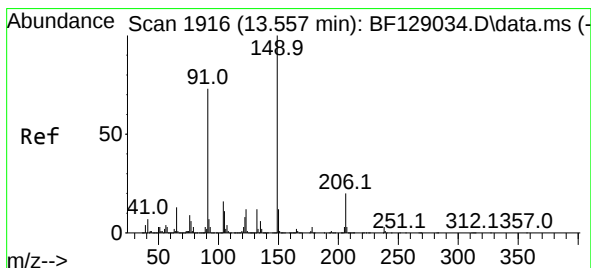
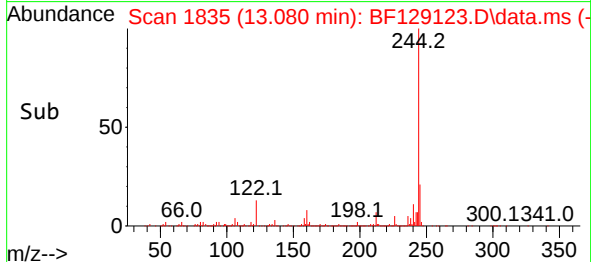
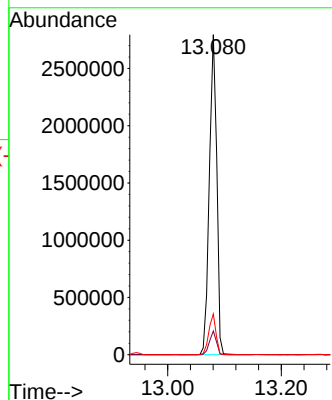
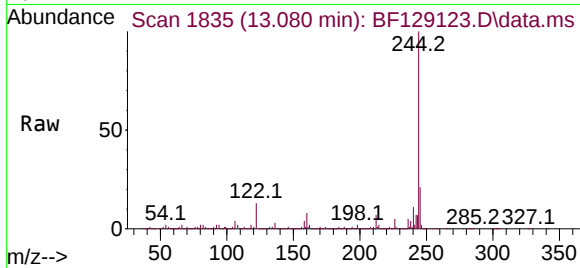




#79
 Terphenyl-d14
 Concen: 75.654 ng
 RT: 13.080 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF129123.D
 Acq: 05 Jul 2022 14:49

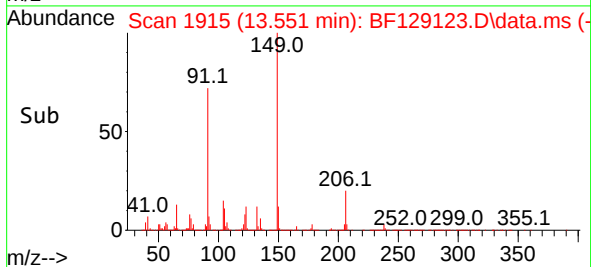
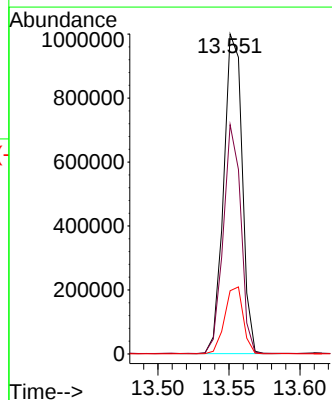
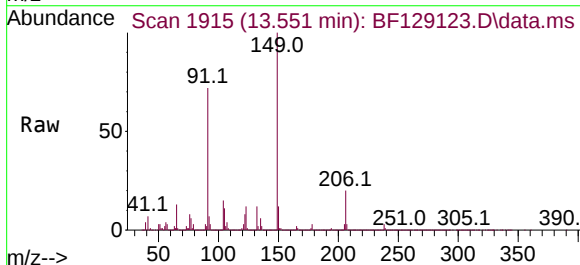
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200033MSD

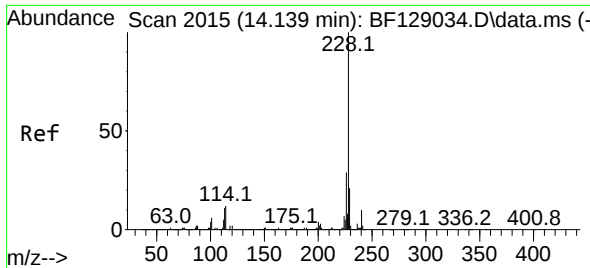
Tgt Ion:244 Resp: 2507542
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 12.7 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 46.533 ng
 RT: 13.551 min Scan# 1915
 Delta R.T. -0.006 min
 Lab File: BF129123.D
 Acq: 05 Jul 2022 14:49

Tgt Ion:149 Resp: 904416
 Ion Ratio Lower Upper
 149 100
 91 71.7 61.2 91.8
 206 19.8 15.7 23.5

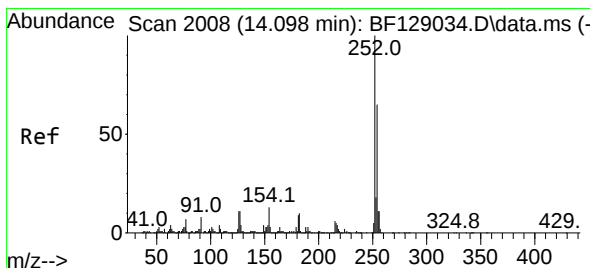
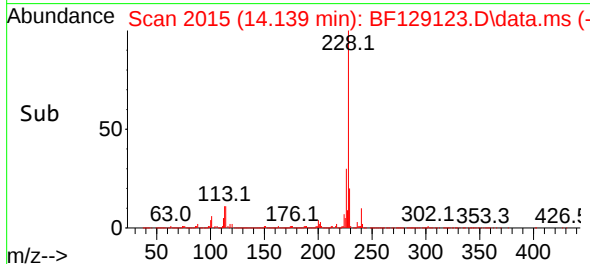
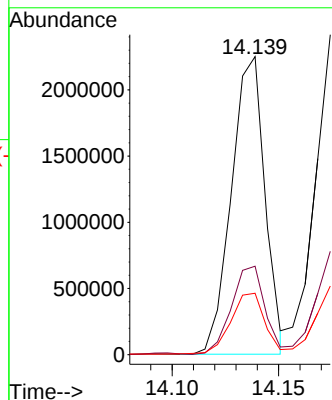
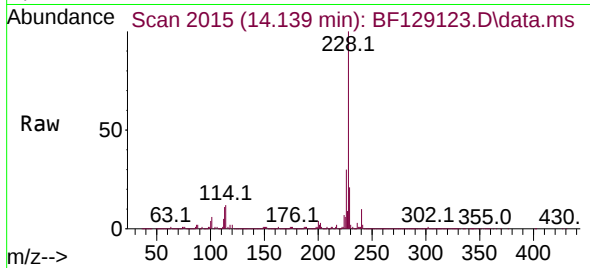




#81
Benzo(a)anthracene
Concen: 58.635 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

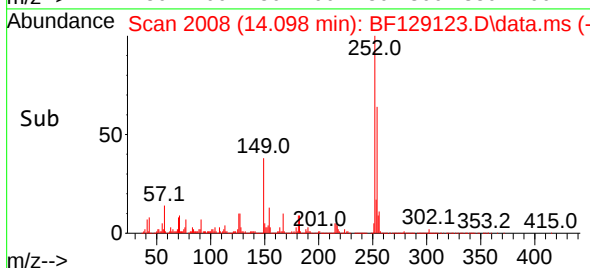
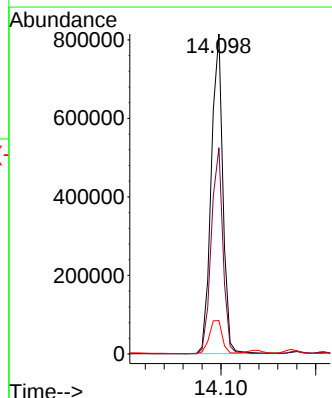
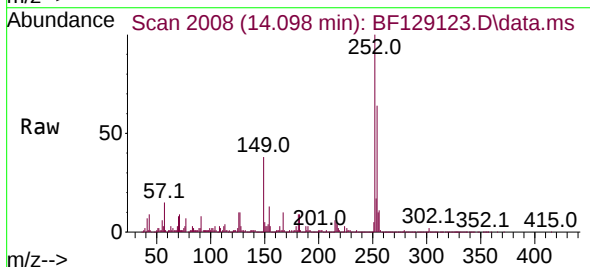
Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

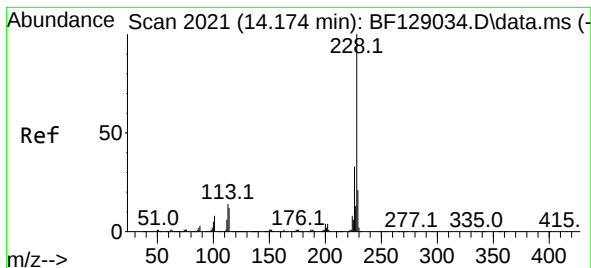
Tgt Ion:228 Resp: 2464209
Ion Ratio Lower Upper
228 100
226 29.7 22.1 33.1
229 20.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 76.375 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion:252 Resp: 693545
Ion Ratio Lower Upper
252 100
254 64.4 50.2 75.4
126 10.5 8.2 12.4





#83

Chrysene

Concen: 59.859 ng

RT: 14.174 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-200033MSD

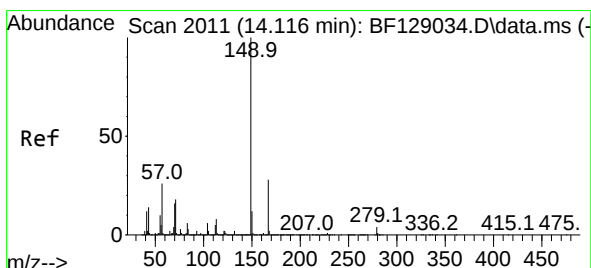
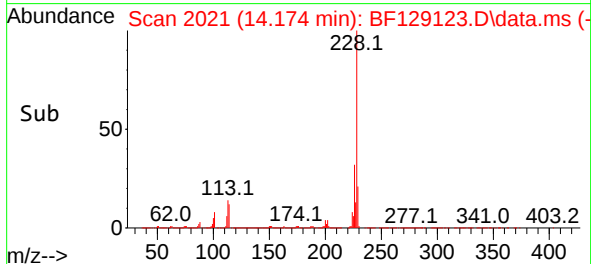
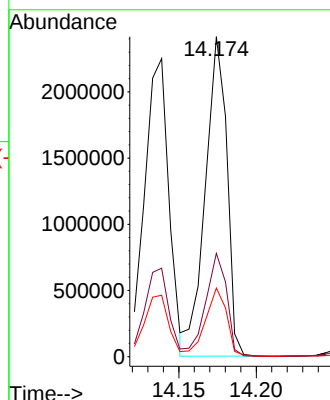
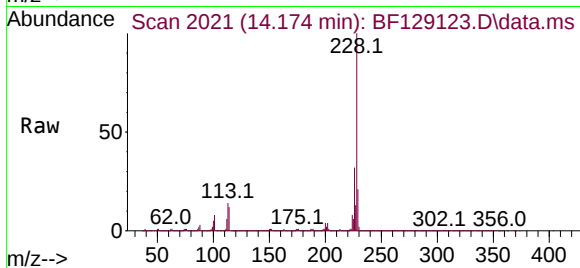
Tgt Ion:228 Resp: 2335433

Ion Ratio Lower Upper

228 100

226 32.3 24.3 36.5

229 21.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 82.802 ng

RT: 14.110 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

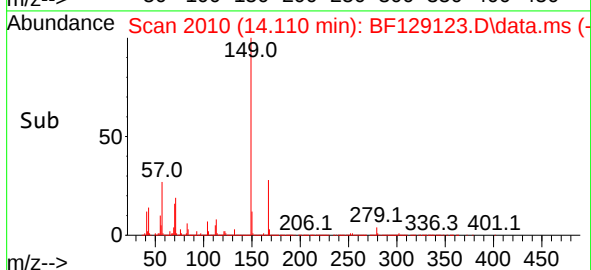
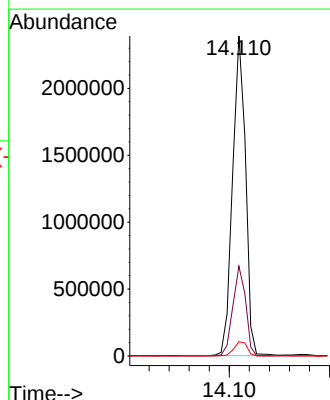
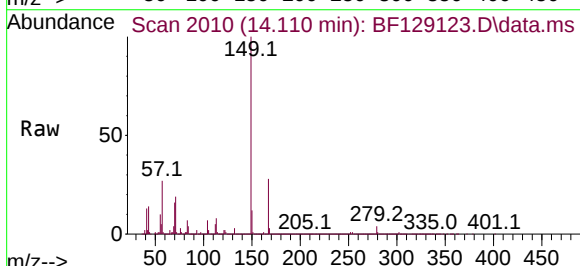
Tgt Ion:149 Resp: 2138821

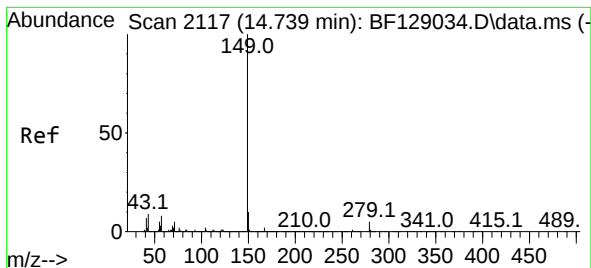
Ion Ratio Lower Upper

149 100

167 28.0 21.0 31.4

279 4.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 60.090 ng

RT: 14.727 min Scan# 2115

Delta R.T. -0.012 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-200033MSD

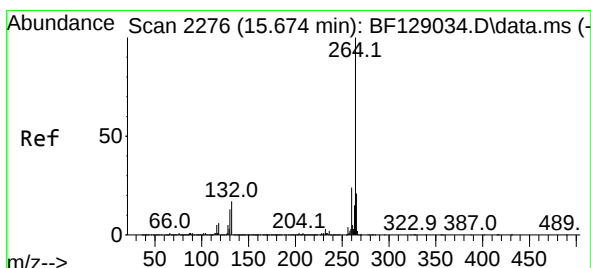
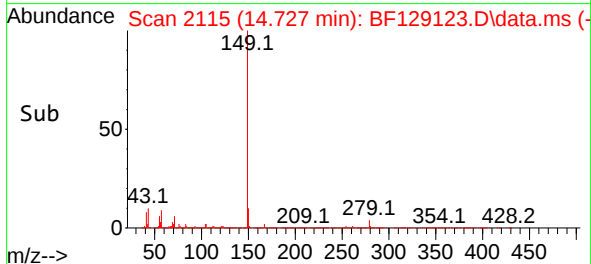
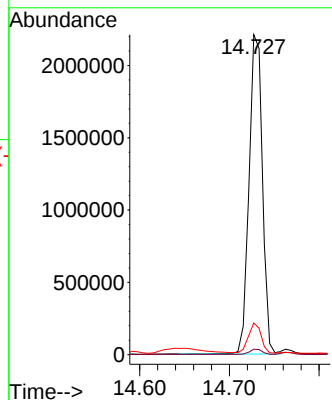
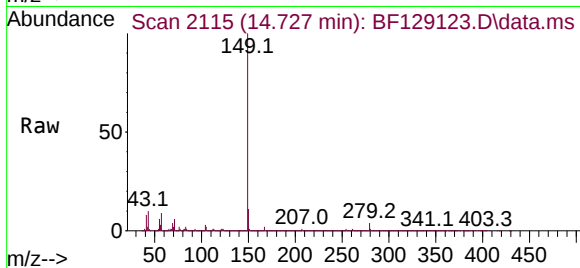
Tgt Ion:149 Resp: 2291304

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.1 9.2 13.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.674 min Scan# 2276

Delta R.T. -0.000 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

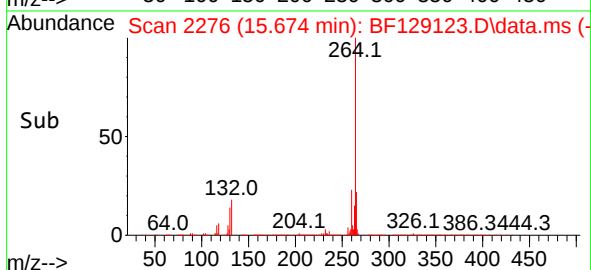
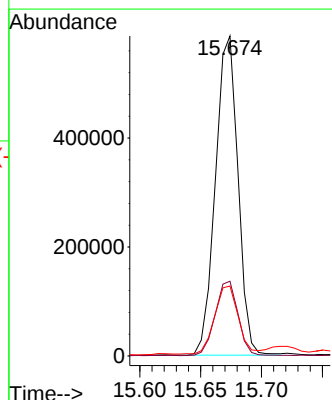
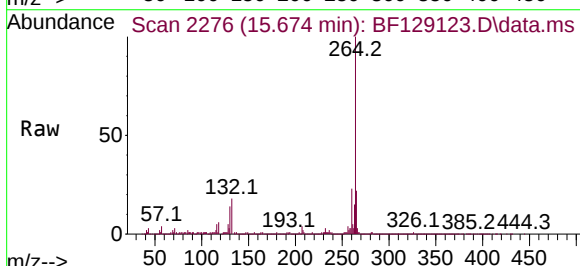
Tgt Ion:264 Resp: 755584

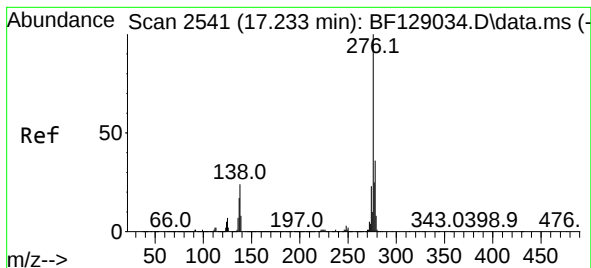
Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 21.8 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.659 ng

RT: 17.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-200033MSD

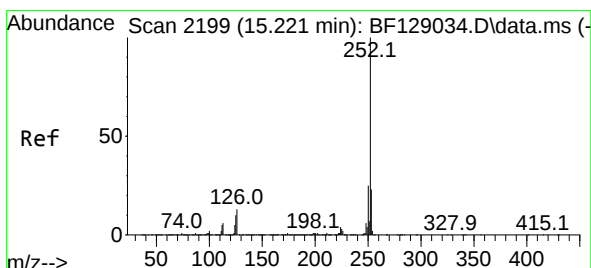
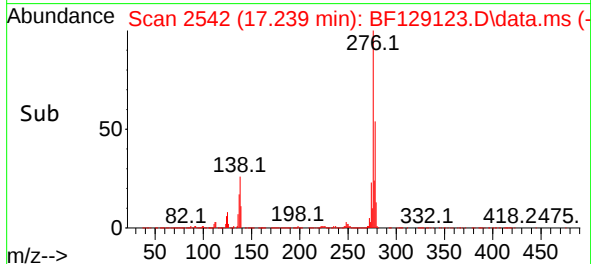
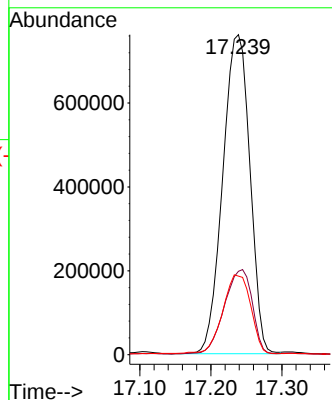
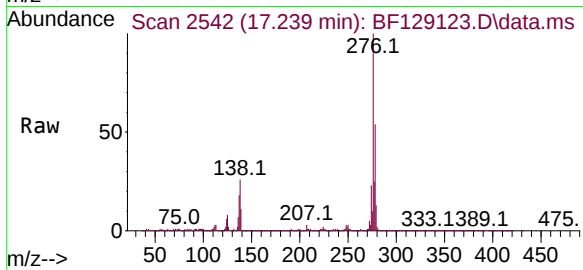
Tgt Ion:276 Resp: 2023234

Ion Ratio Lower Upper

276 100

138 27.2 21.1 31.7

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 68.058 ng

RT: 15.221 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

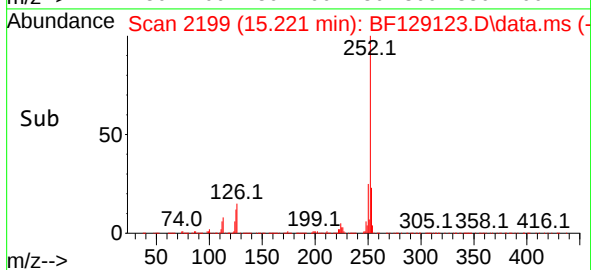
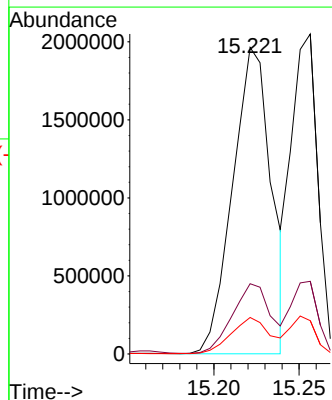
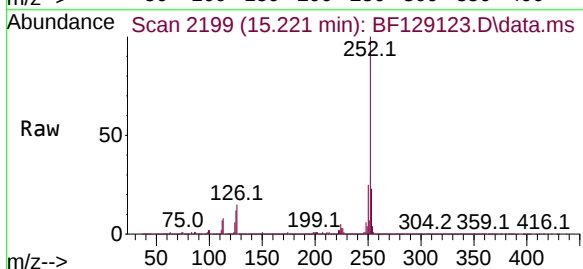
Tgt Ion:252 Resp: 3092598

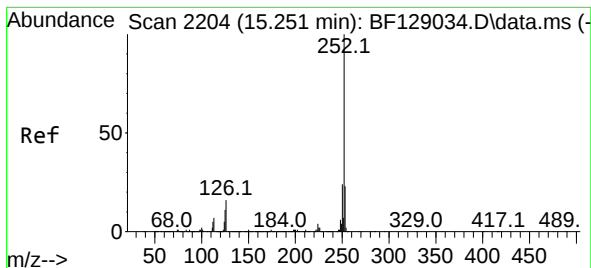
Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

125 11.9 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 50.214 ng

RT: 15.257 min Scan# 2205

Delta R.T. 0.006 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-200033MSD

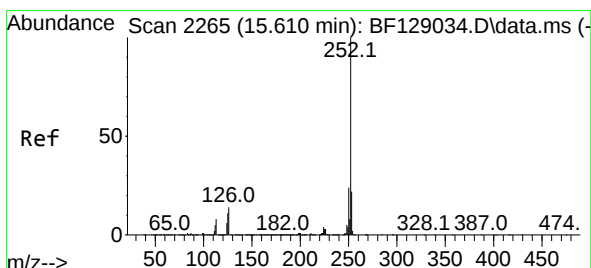
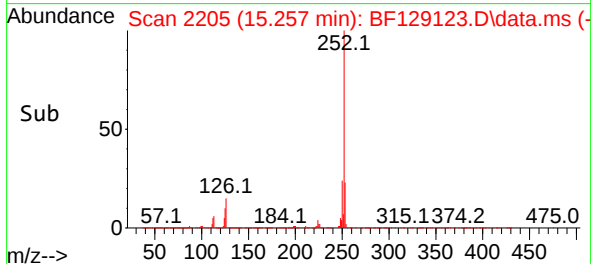
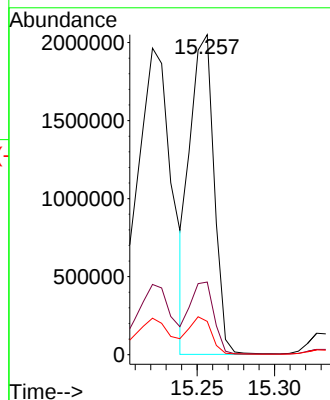
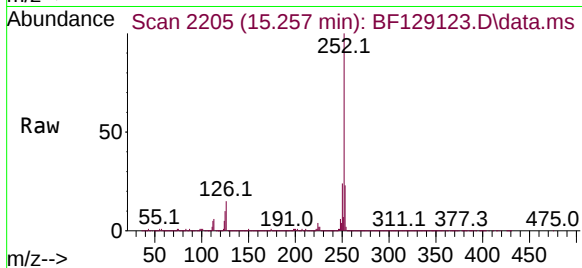
Tgt Ion:252 Resp: 2213135

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

125 10.4 8.3 12.5



#90

Benzo(a)pyrene

Concen: 64.298 ng

RT: 15.615 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF129123.D

Acq: 05 Jul 2022 14:49

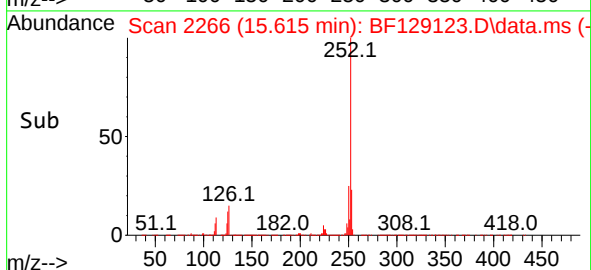
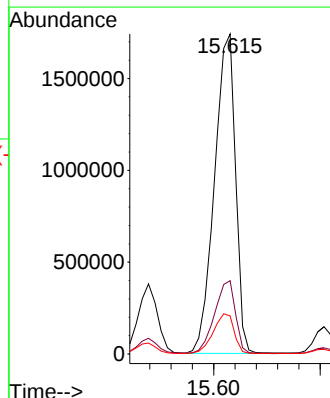
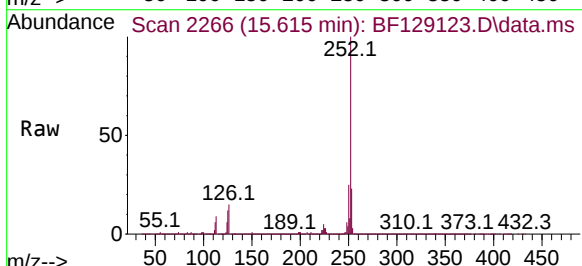
Tgt Ion:252 Resp: 2381834

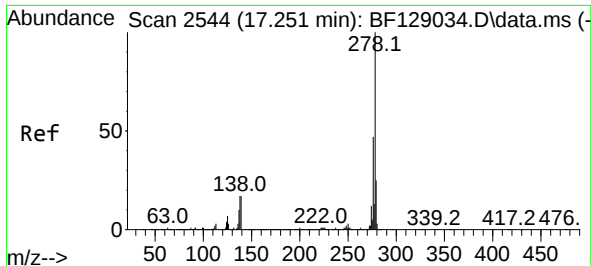
Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.6

125 11.9 8.8 13.2

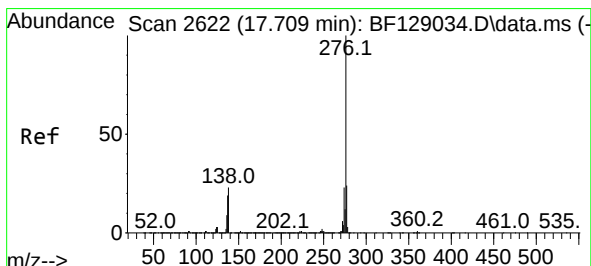
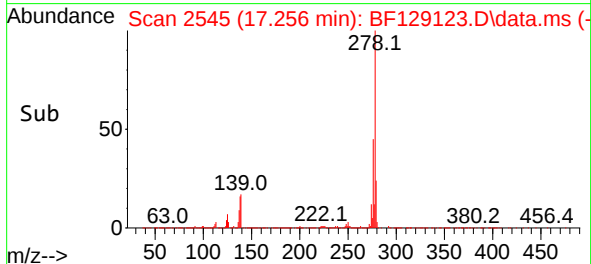
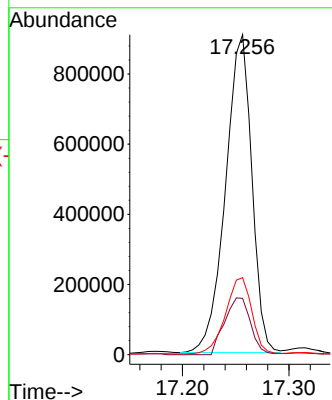
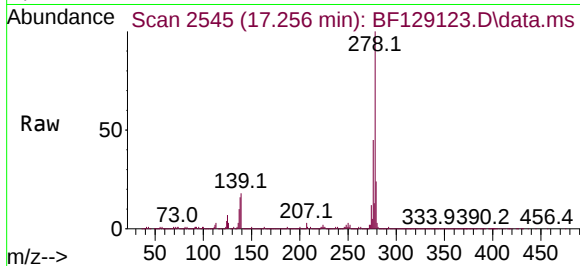




#91
Dibenzo(a,h)anthracene
Concen: 41.097 ng
RT: 17.256 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

Tgt Ion:278 Resp: 1552523
Ion Ratio Lower Upper
278 100
139 17.6 12.8 19.2
279 24.0 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 42.075 ng
RT: 17.715 min Scan# 2623
Delta R.T. 0.006 min
Lab File: BF129123.D
Acq: 05 Jul 2022 14:49

Tgt Ion:276 Resp: 1594684
Ion Ratio Lower Upper
276 100
277 24.1 19.1 28.7
138 24.0 18.0 27.0

