

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
 Data File : BF129122.D
 Acq On : 05 Jul 2022 14:17
 Operator : CG\JU
 Sample : N3572-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200033MS

Quant Time: Jul 05 16:38:37 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	277918	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1018871	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	473099	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	771604	20.000	ng	0.00
76) Chrysene-d12	14.145	240	698644	20.000	ng	0.00
86) Perylene-d12	15.674	264	782398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1807779	109.971	ng	0.00
7) Phenol-d6	6.581	99	2205109	108.007	ng	0.00
23) Nitrobenzene-d5	7.522	82	1387360	81.218	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	560748	109.005	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2480723	83.886	ng	0.00
79) Terphenyl-d14	13.080	244	2570829	76.415	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.840	88	319826	43.639	ng	# 86
3) Pyridine	3.640	79	850105	47.497	ng	84
4) n-Nitrosodimethylamine	3.575	42	368399	45.431	ng	# 74
6) Aniline	6.622	93	1034638	45.313	ng	97
8) 2-Chlorophenol	6.745	128	821851	47.586	ng	93
9) Benzaldehyde	6.510	77	484899	59.456	ng	97
10) Phenol	6.598	94	957954	46.311	ng	88
11) bis(2-Chloroethyl)ether	6.692	93	801310	48.943	ng	90
12) 1,3-Dichlorobenzene	6.898	146	902202	47.454	ng	98
13) 1,4-Dichlorobenzene	6.975	146	914672	47.697	ng	100
14) 1,2-Dichlorobenzene	7.128	146	872738	48.413	ng	99
15) Benzyl Alcohol	7.098	79	651681	45.378	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1125414	48.127	ng	91
17) 2-Methylphenol	7.204	107	627573	44.654	ng	97
18) Hexachloroethane	7.469	117	333529	49.541	ng	90
19) n-Nitroso-di-n-propyla...	7.369	70	544963	46.143	ng	# 86
20) 3+4-Methylphenols	7.357	107	798317	44.669	ng	96
22) Acetophenone	7.369	105	1082616	46.319	ng	# 92
24) Nitrobenzene	7.539	77	809052	48.951	ng	95
25) Isophorone	7.781	82	1470103	50.923	ng	96
26) 2-Nitrophenol	7.857	139	419332	54.591	ng	# 87
27) 2,4-Dimethylphenol	7.886	122	723811	52.194	ng	97
28) bis(2-Chloroethoxy)met...	7.986	93	927750	46.793	ng	98
29) 2,4-Dichlorophenol	8.092	162	634920	44.887	ng	99
30) 1,2,4-Trichlorobenzene	8.181	180	686779	44.123	ng	97
31) Naphthalene	8.263	128	2195435	47.465	ng	99
32) Benzoic acid	7.992	122	428910	38.549	ng	96
33) 4-Chloroaniline	8.310	127	657218	35.262	ng	96
34) Hexachlorobutadiene	8.375	225	432299	46.513	ng	99
35) Caprolactam	8.710	113	42614	9.501	ng	# 76
36) 4-Chloro-3-methylphenol	8.786	107	615542	42.831	ng	90
37) 2-Methylnaphthalene	8.957	142	1430058	45.947	ng	99
38) 1-Methylnaphthalene	9.057	142	1361330	45.039	ng	98
40) 1,2,4,5-Tetrachloroben...	9.122	216	655558	49.297	ng	98
41) Hexachlorocyclopentadiene	9.104	237	801819	114.229	ng	97
43) 2,4,6-Trichlorophenol	9.228	196	422093	46.600	ng	99

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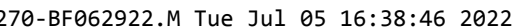
Instrument :
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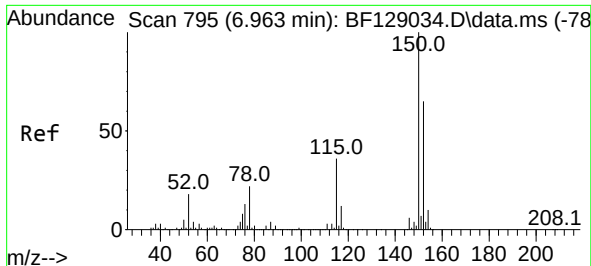
Quant Time: Jul 05 16:38:37 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	444715	46.158	ng	98
46) 1,1'-Biphenyl	9.422	154	1720014	50.570	ng	98
47) 2-Chloronaphthalene	9.445	162	1265531	48.182	ng	99
48) 2-Nitroaniline	9.539	65	359744	52.002	ng	85
49) Acenaphthylene	9.863	152	2036086	51.016	ng	99
50) Dimethylphthalate	9.716	163	1439935	48.651	ng	99
51) 2,6-Dinitrotoluene	9.780	165	314147	51.942	ng	93
52) Acenaphthene	10.033	154	1329466	51.140	ng	99
53) 3-Nitroaniline	9.951	138	285835	39.632	ng #	88
54) 2,4-Dinitrophenol	10.057	184	300321	90.809	ng #	82
55) Dibenzofuran	10.210	168	1770287	46.766	ng	98
56) 4-Nitrophenol	10.104	139	521496	88.496	ng	96
57) 2,4-Dinitrotoluene	10.186	165	394979	52.901	ng #	83
58) Fluorene	10.551	166	1351302	46.149	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.322	232	343079	42.982	ng	99
60) Diethylphthalate	10.416	149	1385048	46.702	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	659611	45.213	ng	97
62) 4-Nitroaniline	10.569	138	307946	43.058	ng	84
63) Azobenzene	10.704	77	1282343	44.133	ng	91
65) 4,6-Dinitro-2-methylph...	10.592	198	176148	51.601	ng	86
66) n-Nitrosodiphenylamine	10.657	169	1147716	48.977	ng	96
67) 4-Bromophenyl-phenylether	11.033	248	400105	48.747	ng	95
68) Hexachlorobenzene	11.098	284	432828	47.358	ng	99
69) Atrazine	11.186	200	359222	54.476	ng	99
70) Pentachlorophenol	11.292	266	495541	91.030	ng	98
71) Phenanthrene	11.522	178	2021634	54.836	ng	99
72) Anthracene	11.569	178	1860736	51.191	ng	99
73) Carbazole	11.722	167	1683940	46.234	ng	99
74) Di-n-butylphthalate	12.045	149	2015799	52.491	ng	98
75) Fluoranthene	12.716	202	2685823	69.660	ng	97
77) Benzidine	12.833	184	1016656	81.723	ng	98
78) Pyrene	12.945	202	2674328	55.224	ng	99
80) Butylbenzylphthalate	13.551	149	917104	46.486	ng	94
81) Benzo(a)anthracene	14.133	228	2458715	57.638	ng	96
82) 3,3'-Dichlorobenzidine	14.092	252	669466	72.631	ng #	98
83) Chrysene	14.174	228	2310597	58.345	ng	96
84) Bis(2-ethylhexyl)phtha...	14.110	149	2124178	81.017	ng #	96
85) Di-n-octyl phthalate	14.727	149	2271990	58.701	ng #	95
87) Indeno(1,2,3-cd)pyrene	17.239	276	2200813	45.863	ng	99
88) Benzo(b)fluoranthene	15.221	252	3200292	68.014	ng	98
89) Benzo(k)fluoranthene	15.251	252	2134698	46.775	ng	97
90) Benzo(a)pyrene	15.610	252	2458034	64.081	ng	97
91) Dibenzo(a,h)anthracene	17.256	278	1682221	43.004	ng	97
92) Benzo(g,h,i)perylene	17.715	276	1728857	44.051	ng	98

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

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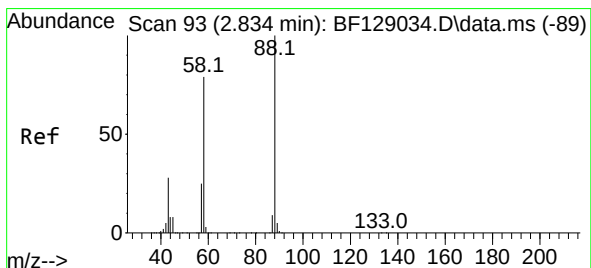
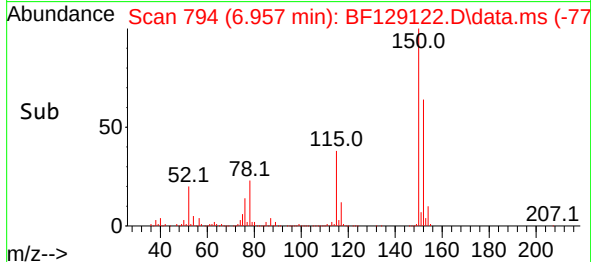
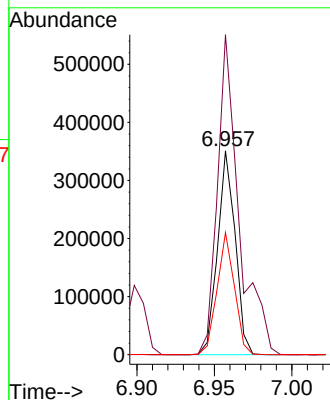
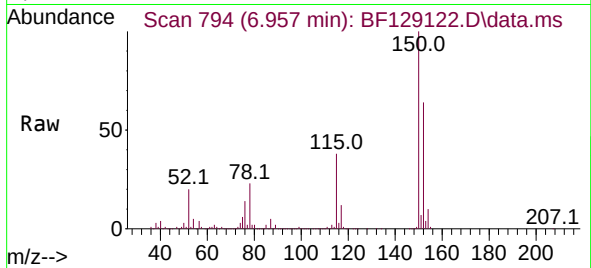




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

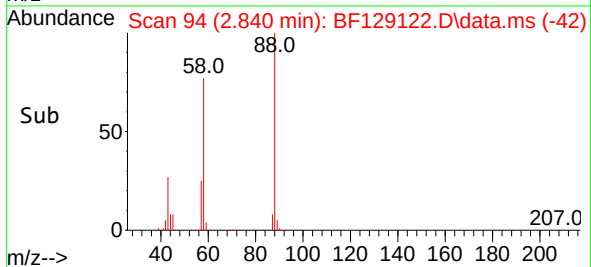
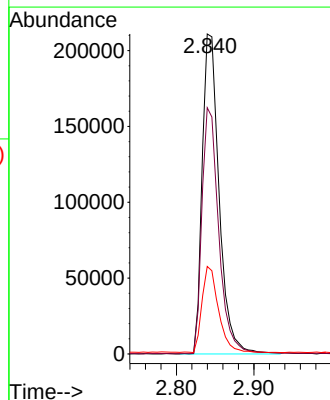
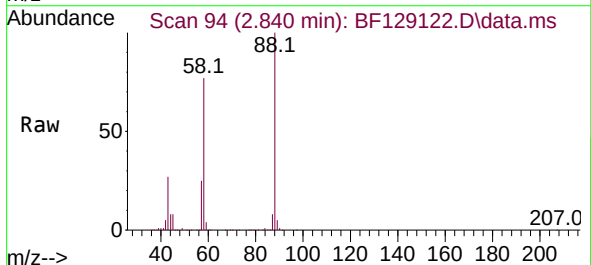
Instrument :
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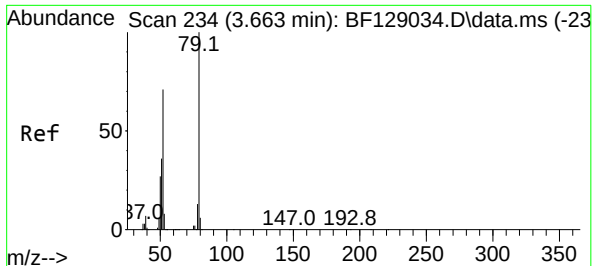
Tgt Ion:152 Resp: 277918
Ion Ratio Lower Upper
152 100
150 157.0 123.7 185.5
115 59.9 49.9 74.9



#2
1,4-Dioxane
Concen: 43.639 ng
RT: 2.840 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion: 88 Resp: 319826
Ion Ratio Lower Upper
88 100
58 76.3 71.8 107.8
43 26.3 26.6 39.8

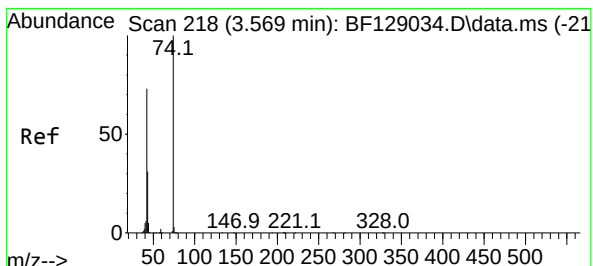
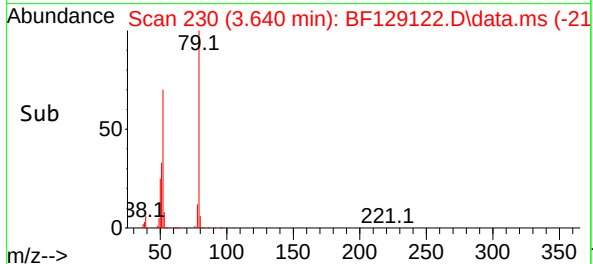
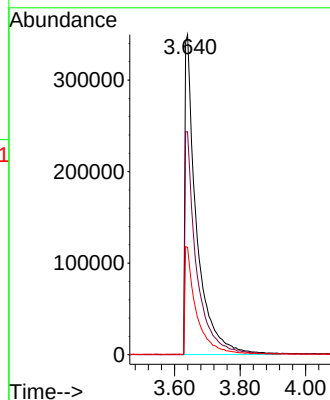
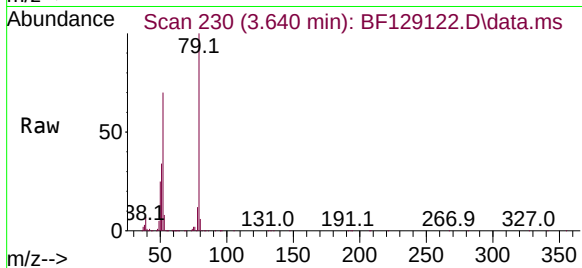




#3
 Pyridine
 Concen: 47.497 ng
 RT: 3.640 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BF129122.D
 Acq: 05 Jul 2022 14:17

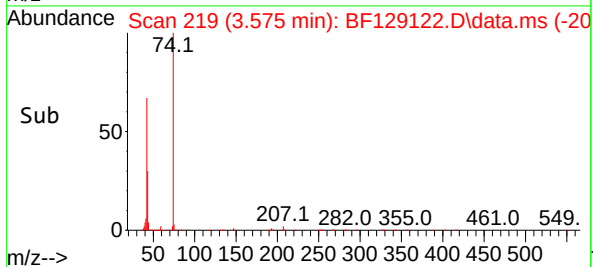
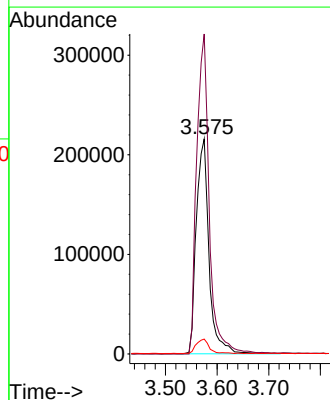
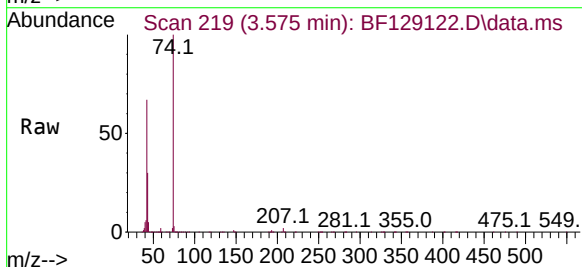
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 ClientSampleId :
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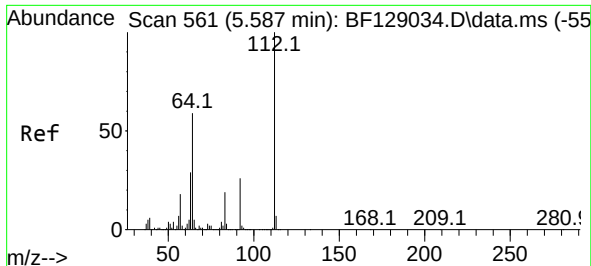
Tgt Ion: 79 Resp: 850105
 Ion Ratio Lower Upper
 79 100
 52 69.7 68.6 102.8
 51 33.5 32.9 49.3



#4
 n-Nitrosodimethylamine
 Concen: 45.431 ng
 RT: 3.575 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: BF129122.D
 Acq: 05 Jul 2022 14:17

Tgt Ion: 42 Resp: 368399
 Ion Ratio Lower Upper
 42 100
 74 148.8 94.8 142.2#
 44 6.9 6.6 10.0

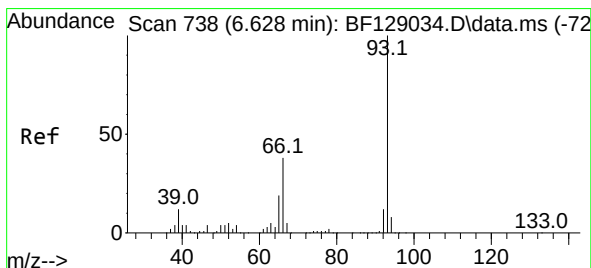
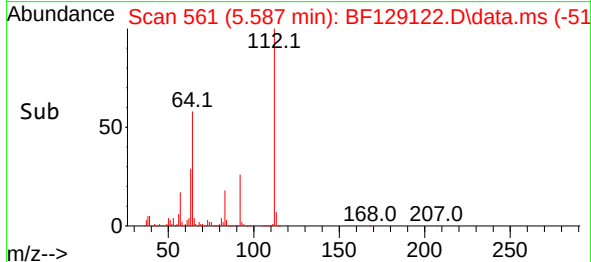
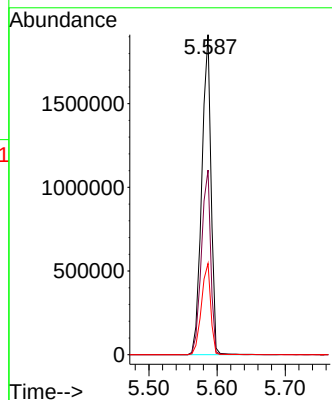
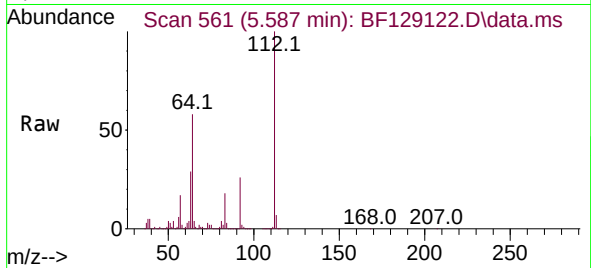




#5
2-Fluorophenol
Concen: 109.971 ng
RT: 5.587 min Scan# 501
Delta R.T. -0.000 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

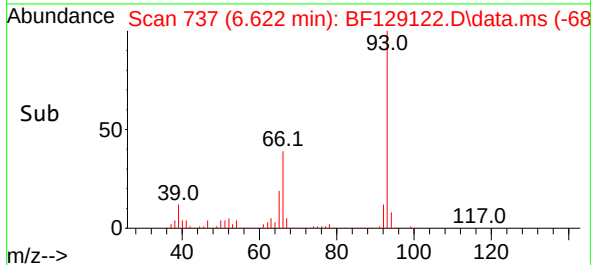
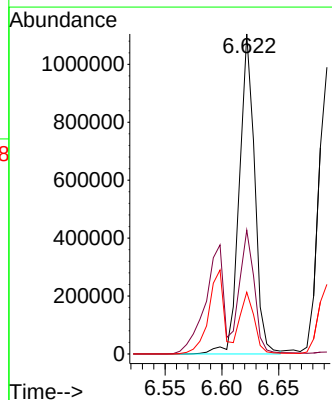
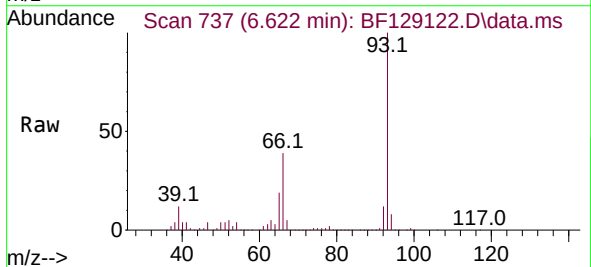
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BNA_F
ClientSampleId :
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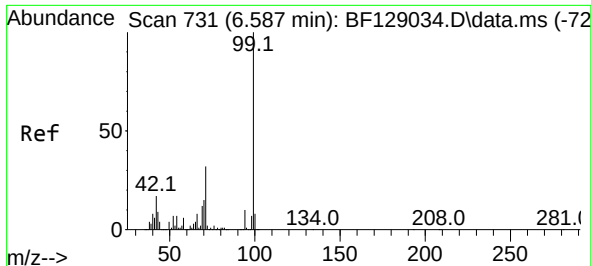
Tgt Ion:112 Resp: 1807779
Ion Ratio Lower Upper
112 100
64 57.7 53.3 79.9
63 28.5 28.0 42.0



#6
Aniline
Concen: 45.313 ng
RT: 6.622 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion: 93 Resp: 1034638
Ion Ratio Lower Upper
93 100
66 38.7 32.5 48.7
65 19.3 16.4 24.6





#7

Phenol-d6

Concen: 108.007 ng

RT: 6.581 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

Instrument :

BNA_F

ClientSampleId :

RBR-200033MS

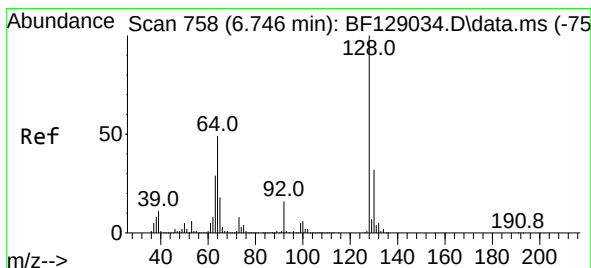
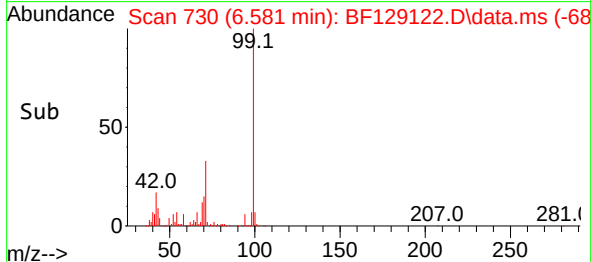
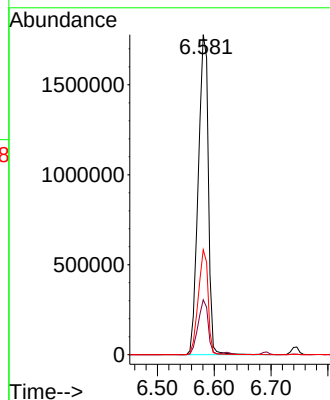
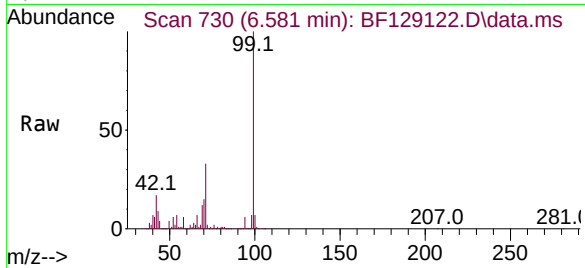
Tgt Ion: 99 Resp: 2205109

Ion Ratio Lower Upper

99 100

42 17.2 17.3 25.9#

71 32.8 28.9 43.3



#8

2-Chlorophenol

Concen: 47.586 ng

RT: 6.745 min Scan# 758

Delta R.T. -0.000 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

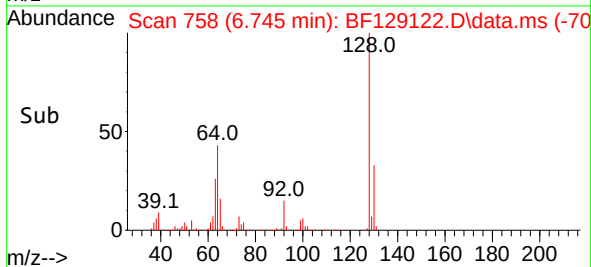
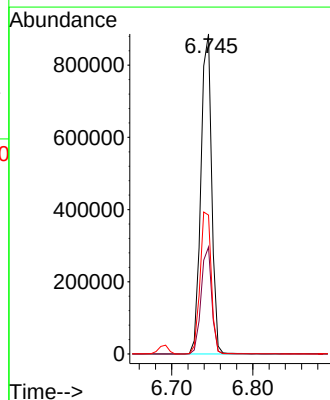
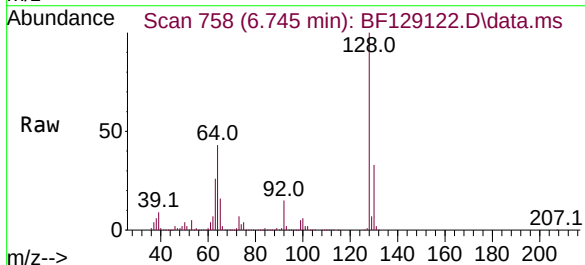
Tgt Ion:128 Resp: 821851

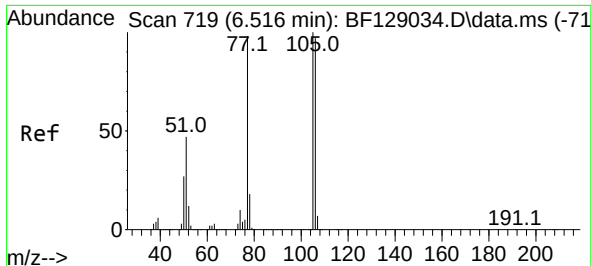
Ion Ratio Lower Upper

128 100

130 33.4 13.1 53.1

64 43.4 30.9 70.9

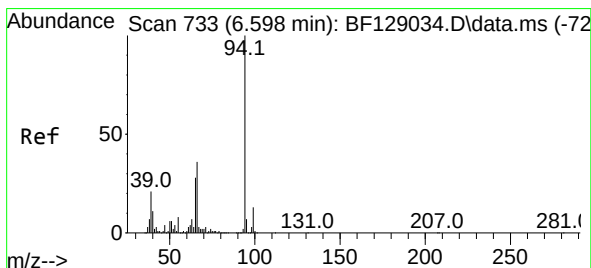
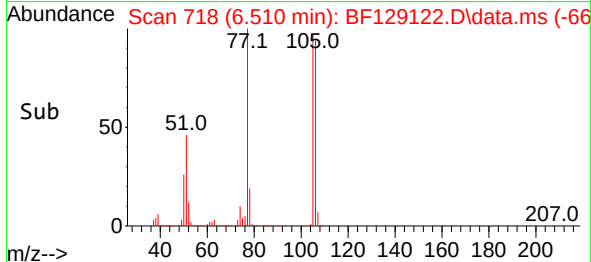
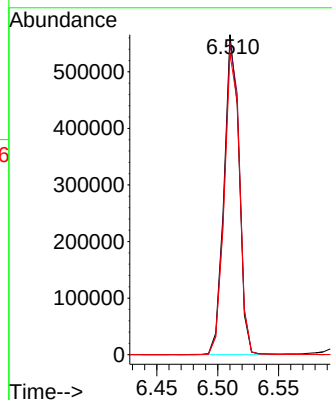
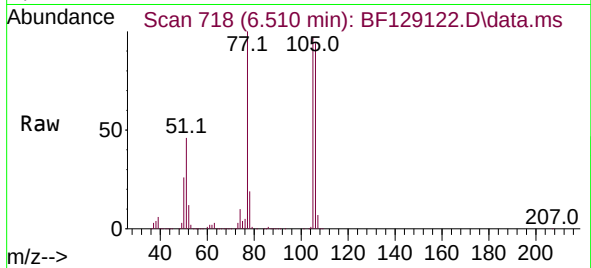




#9
Benzaldehyde
Concen: 59.456 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129122.D
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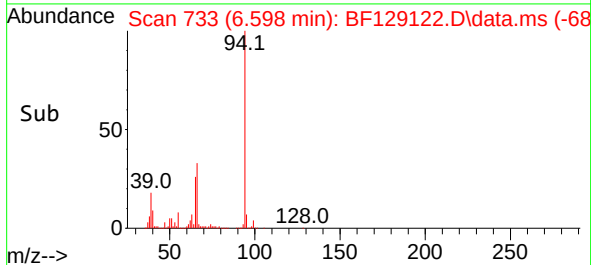
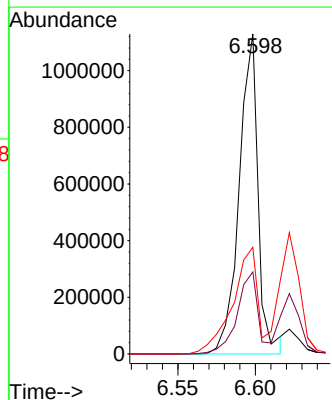
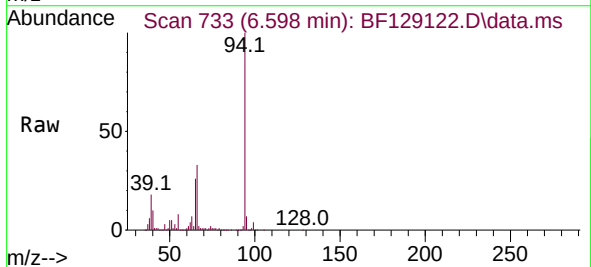
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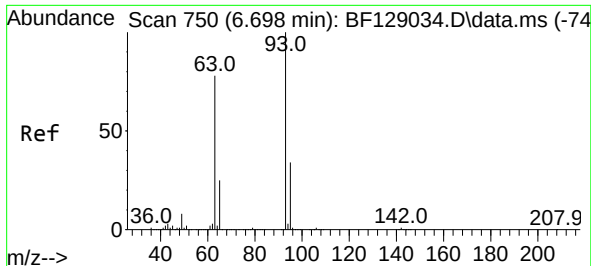
Tgt Ion: 77 Resp: 484899
Ion Ratio Lower Upper
77 100
105 97.3 81.6 121.6
106 94.1 76.1 116.1



#10
Phenol
Concen: 46.311 ng
RT: 6.598 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF129122.D
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Tgt Ion: 94 Resp: 957954
Ion Ratio Lower Upper
94 100
65 25.7 11.4 51.4
66 33.3 21.4 61.4

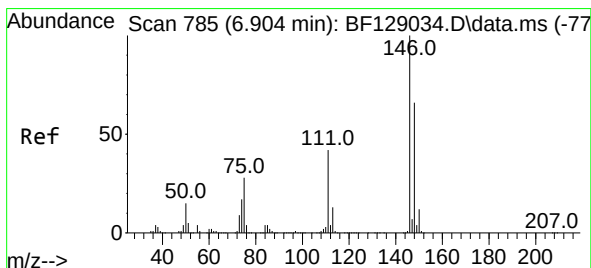
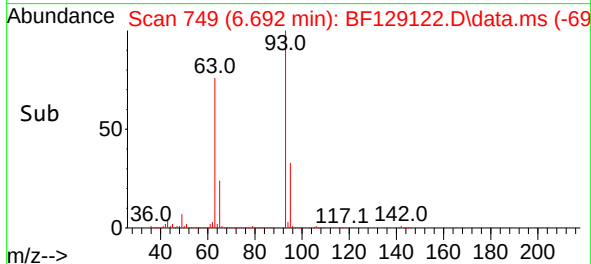
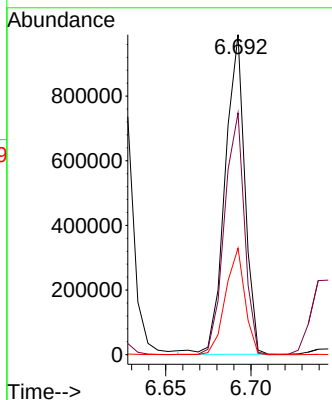
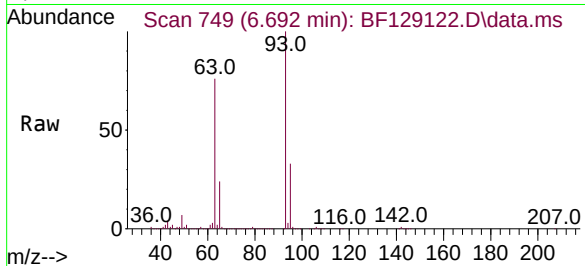




#11
bis(2-Chloroethyl)ether
Concen: 48.943 ng
RT: 6.692 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

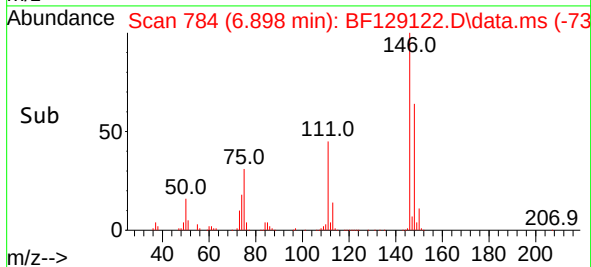
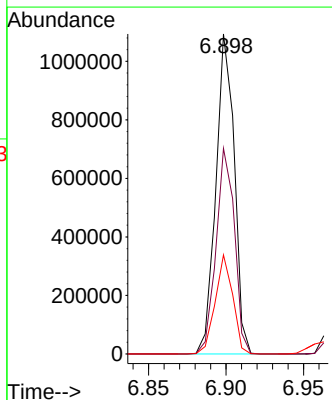
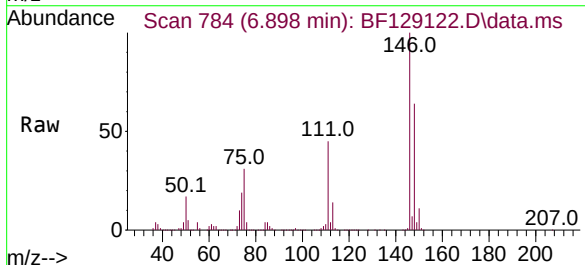
Instrument :
BNA_F
ClientSampleId :
RBR-200033MS

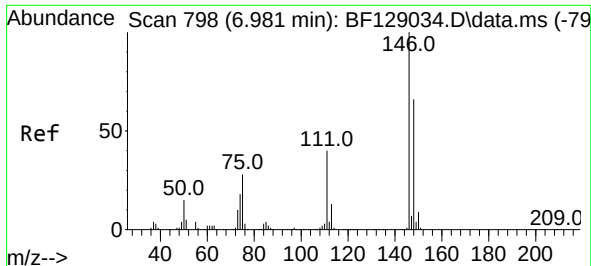
Tgt Ion: 93 Resp: 801310
Ion Ratio Lower Upper
93 100
63 75.6 67.4 107.4
95 33.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 47.454 ng
RT: 6.898 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion:146 Resp: 902202
Ion Ratio Lower Upper
146 100
148 64.2 50.6 75.8
75 30.9 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 47.697 ng

RT: 6.975 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

Instrument :

BNA_F

ClientSampleId :

RBR-200033MS

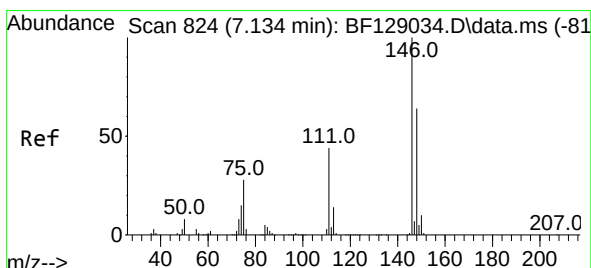
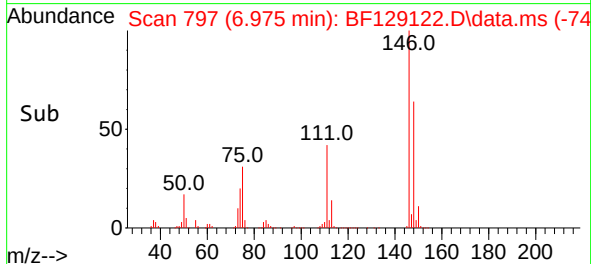
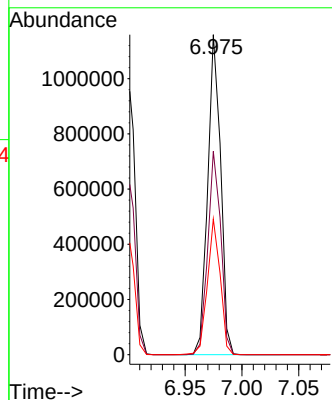
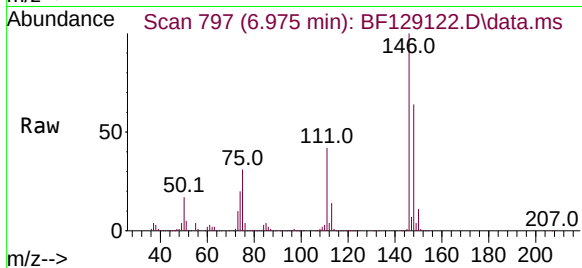
Tgt Ion:146 Resp: 914672

Ion Ratio Lower Upper

146 100

148 63.6 51.1 76.7

111 42.4 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 48.413 ng

RT: 7.128 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

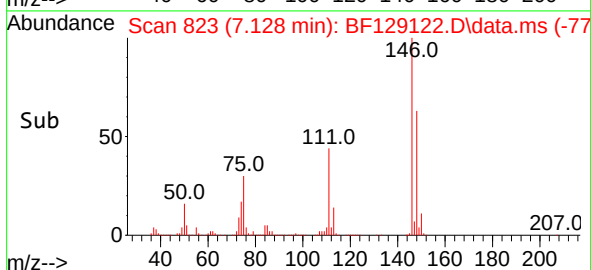
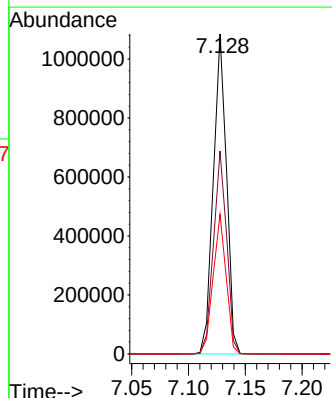
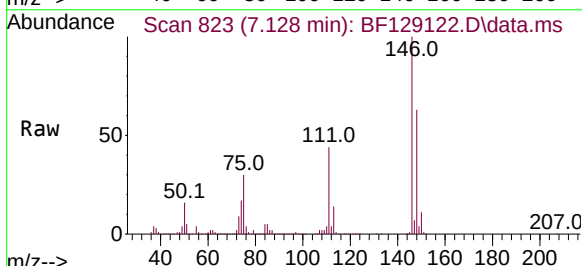
Tgt Ion:146 Resp: 872738

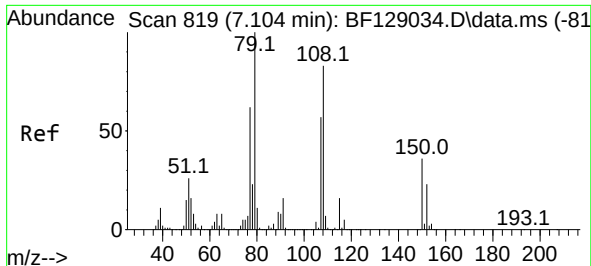
Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.8

111 43.7 35.1 52.7

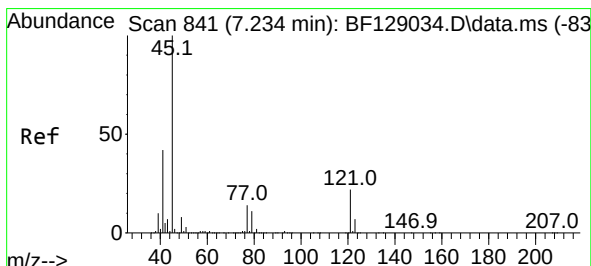
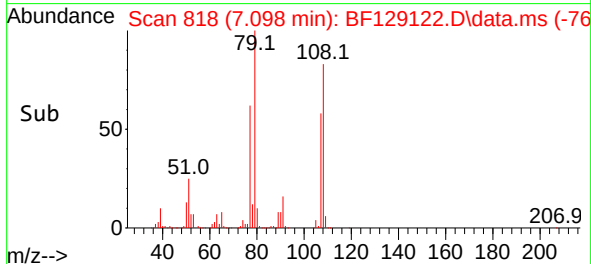
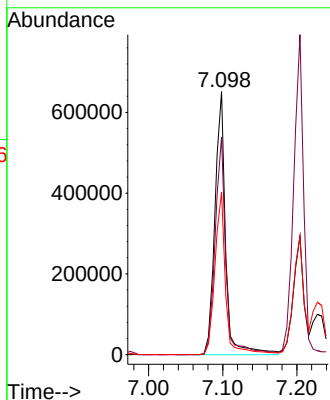
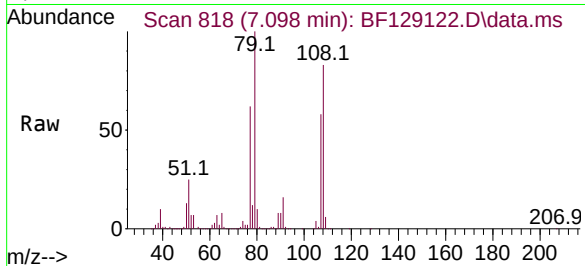




#15
Benzyl Alcohol
Concen: 45.378 ng
RT: 7.098 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

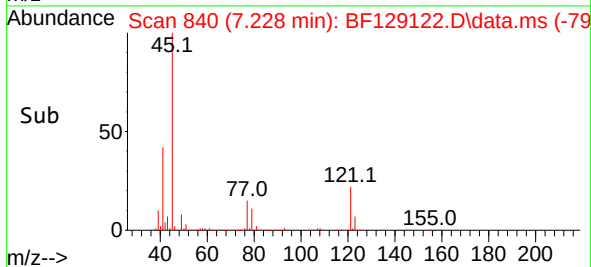
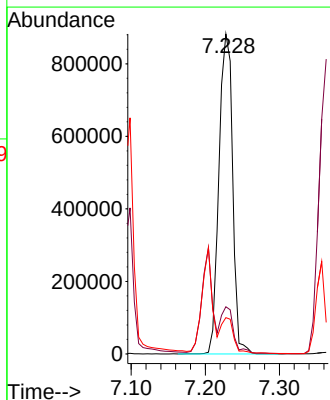
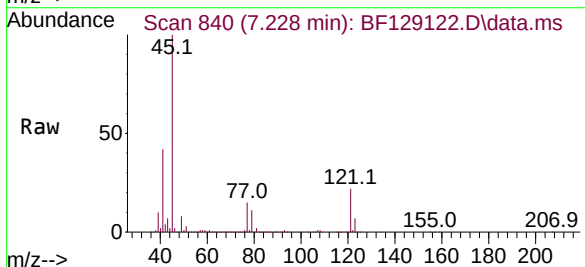
Instrument :
BNA_F
ClientSampleId :
RBR-200033MS

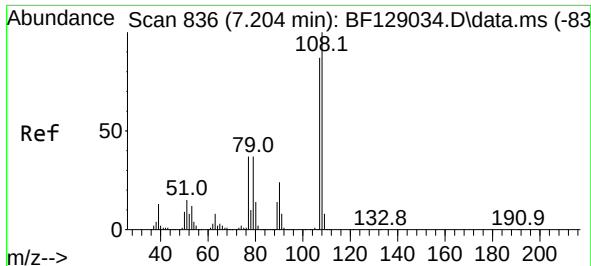
Tgt Ion: 79 Resp: 651681
Ion Ratio Lower Upper
79 100
108 82.8 61.8 92.6
77 61.8 50.2 75.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 48.127 ng
RT: 7.228 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion: 45 Resp: 1125414
Ion Ratio Lower Upper
45 100
77 14.8 0.0 31.3
79 11.3 0.0 28.3

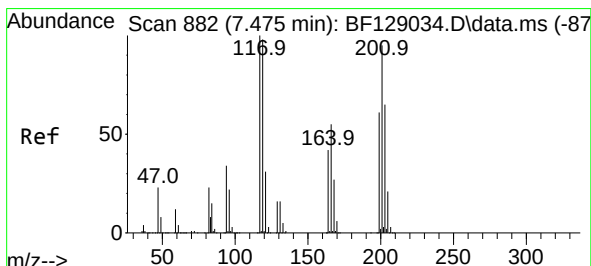
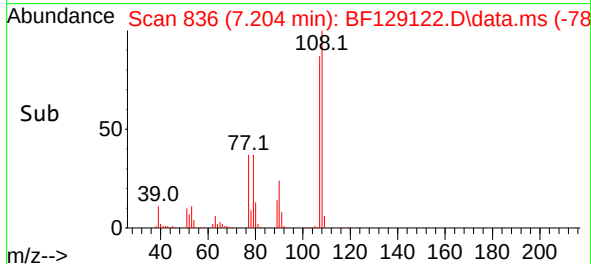
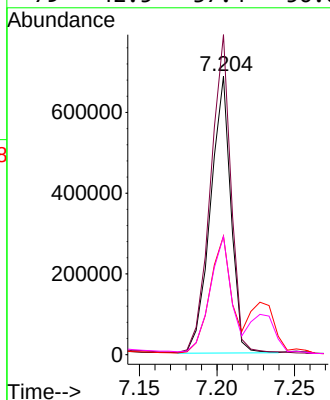
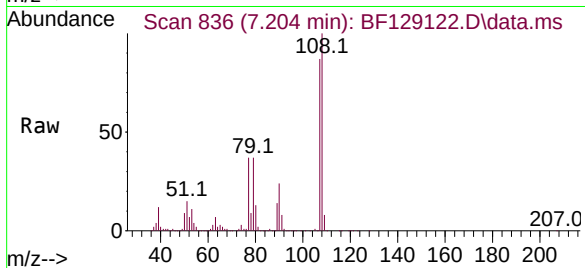




#17
2-Methylphenol
Concen: 44.654 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

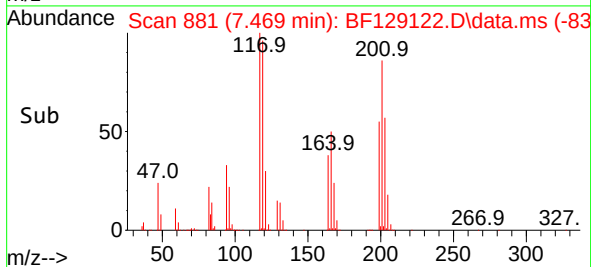
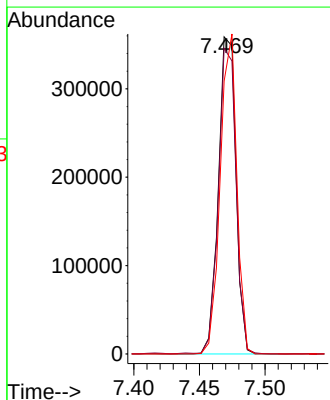
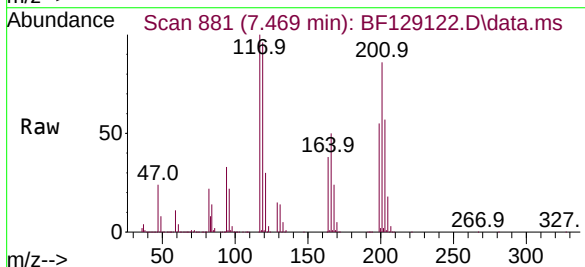
Instrument :
BNA_F
ClientSampleId :
RBR-200033MS

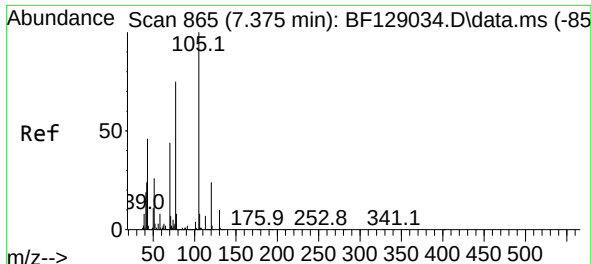
Tgt Ion:	107	Resp:	627573
Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.9	137.9
77	42.6	37.8	56.8
79	42.5	37.4	56.0



#18
Hexachloroethane
Concen: 49.541 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion:	117	Resp:	333529
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.4	116.2
201	86.0	84.6	127.0

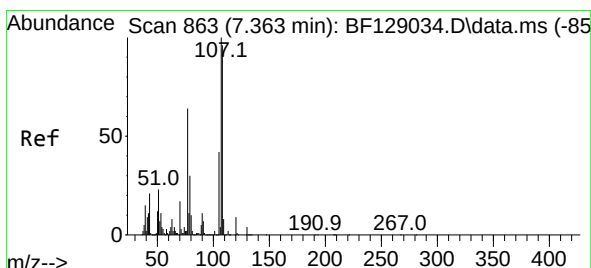
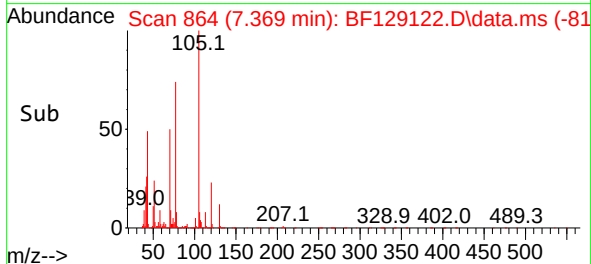
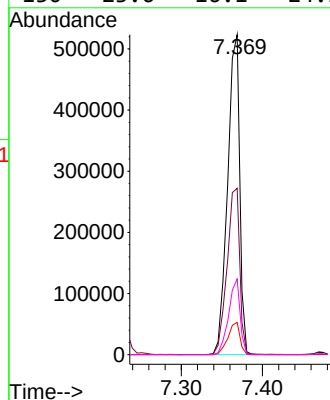
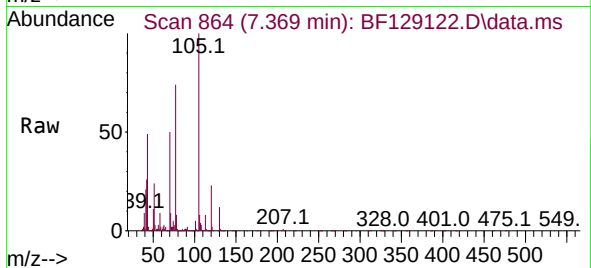




#19
n-Nitroso-di-n-propylamine
Concen: 46.143 ng
RT: 7.369 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

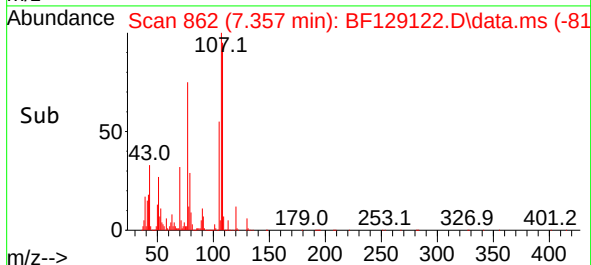
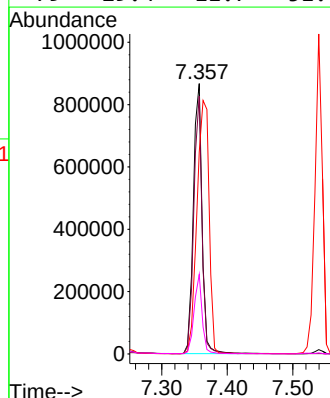
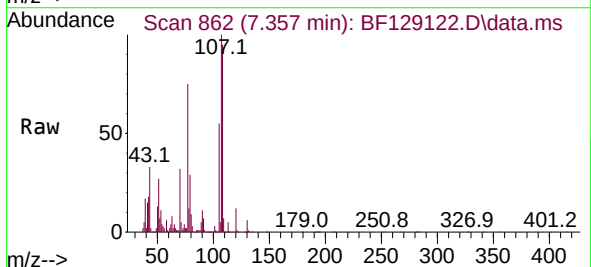
Instrument :
BNA_F
ClientSampleId :
RBR-200033MS

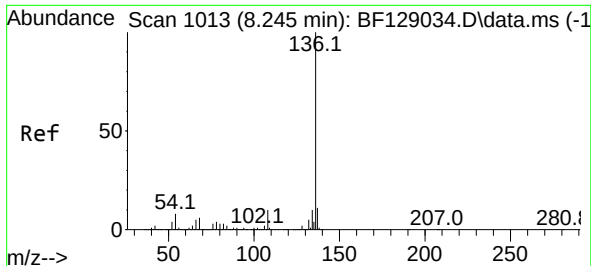
Tgt Ion: 70 Resp: 544963
Ion Ratio Lower Upper
70 100
42 52.0 52.3 78.5#
101 10.1 7.5 11.3
130 23.6 16.1 24.1



#20
3+4-Methylphenols
Concen: 44.669 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion:107 Resp: 798317
Ion Ratio Lower Upper
107 100
108 95.4 71.8 111.8
77 74.7 59.3 99.3
79 29.4 11.7 51.7

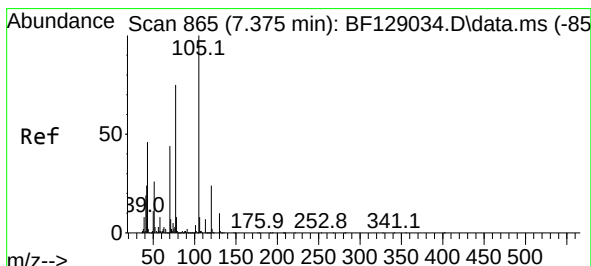
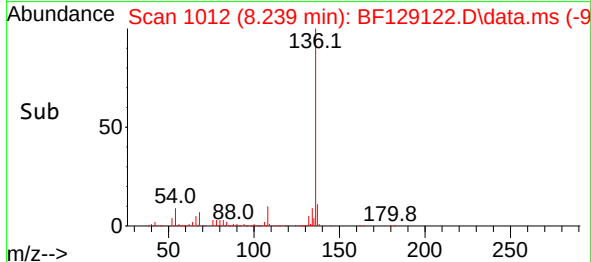
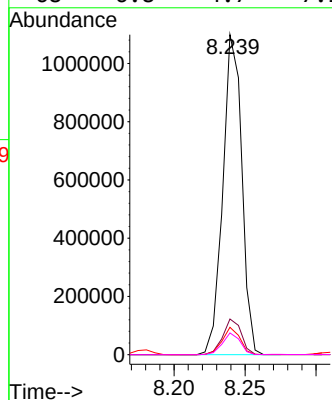
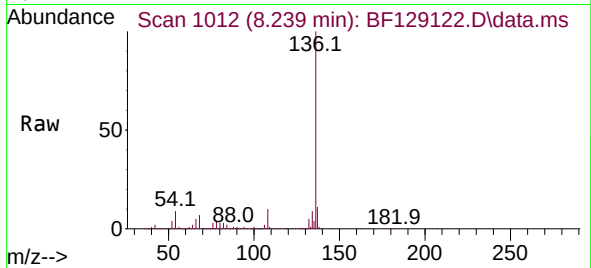




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

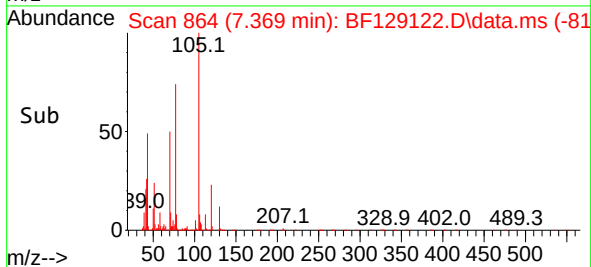
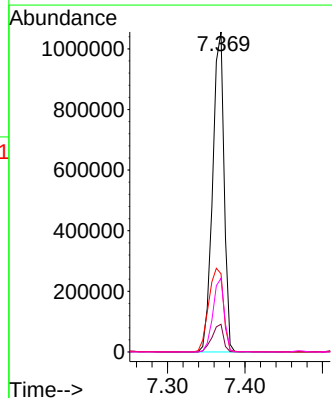
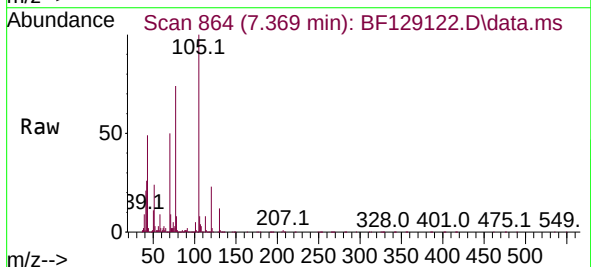
Instrument :
BNA_F
ClientSampleId :
RBR-200033MS

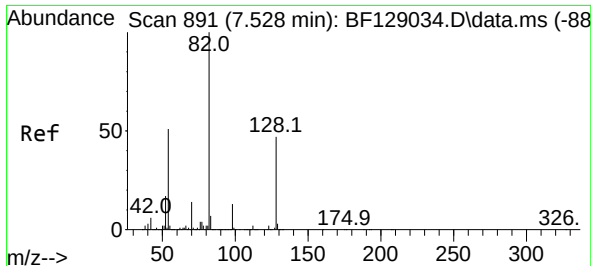
Tgt Ion:136 Resp: 1018871
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.6 7.5 11.3
68 6.8 4.7 7.1



#22
Acetophenone
Concen: 46.319 ng
RT: 7.369 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion:105 Resp: 1082616
Ion Ratio Lower Upper
105 100
71 8.6 5.0 7.4#
51 24.4 25.0 37.4#
120 23.0 17.8 26.8





#23

Nitrobenzene-d5

Concen: 81.218 ng

RT: 7.522 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

Instrument :

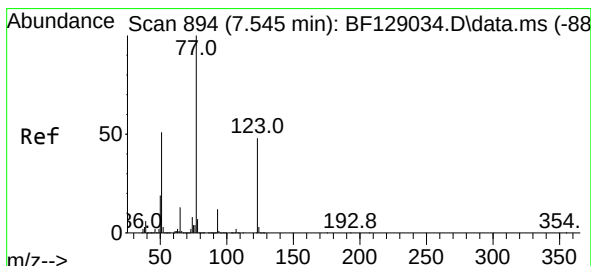
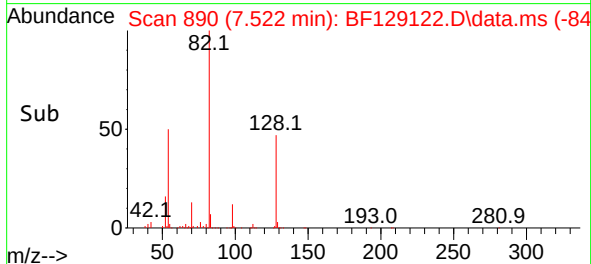
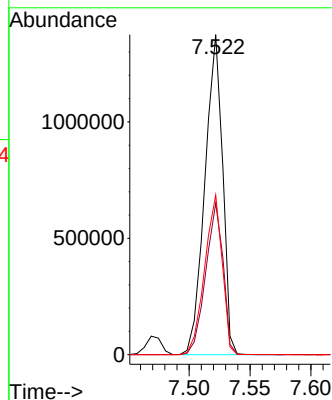
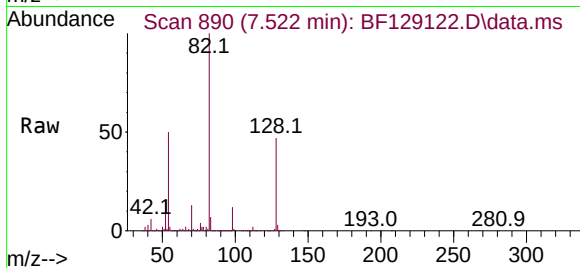
BNA_F

ClientSampleId :

RBR-200033MS

Tgt Ion: 82 Resp: 1387360

Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.0	51.0
54	49.9	46.9	70.3



#24

Nitrobenzene

Concen: 48.951 ng

RT: 7.539 min Scan# 893

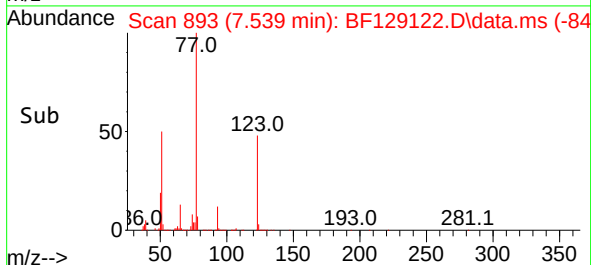
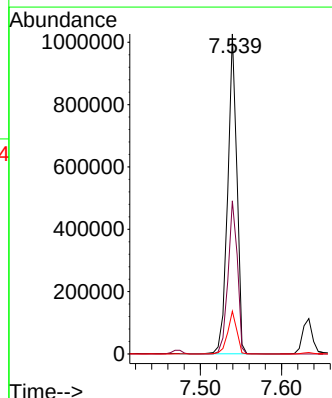
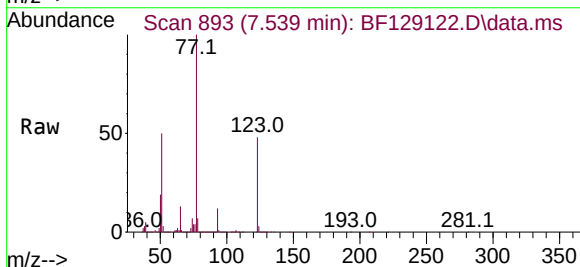
Delta R.T. -0.006 min

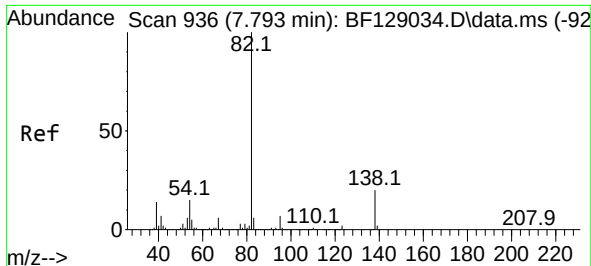
Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

Tgt Ion: 77 Resp: 809052

Ion	Ratio	Lower	Upper
77	100		
123	47.8	35.4	53.2
65	13.3	11.8	17.8

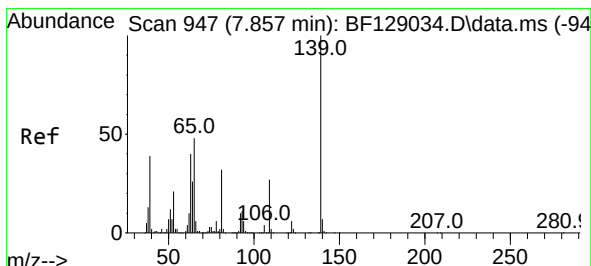
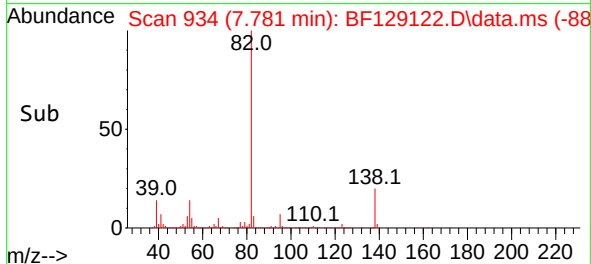
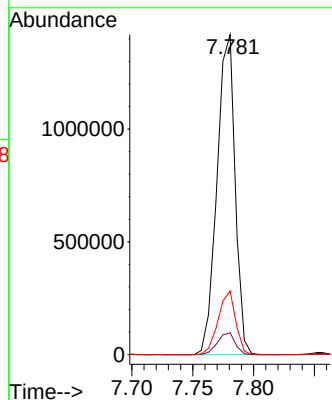
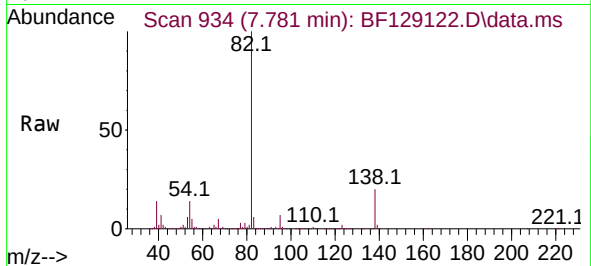




#25
Isophorone
Concen: 50.923 ng
RT: 7.781 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

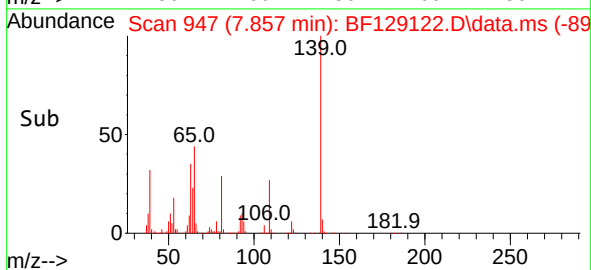
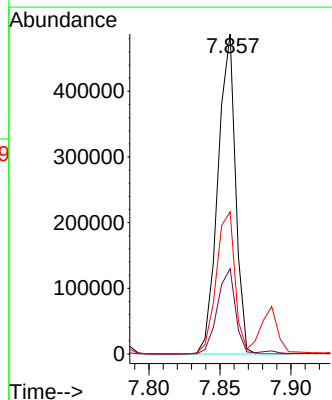
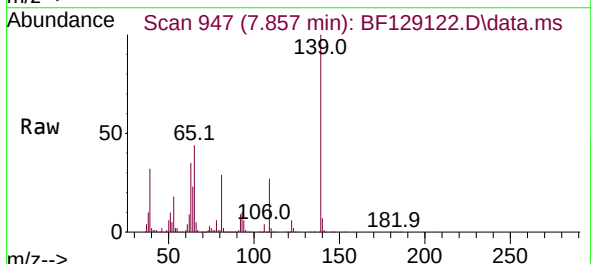
Instrument :
BNA_F
ClientSampleId :
RBR-200033MS

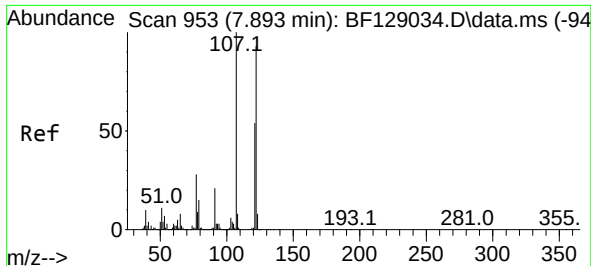
Tgt Ion: 82 Resp: 1470103
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 19.9 14.2 21.2



#26
2-Nitrophenol
Concen: 54.591 ng
RT: 7.857 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion:139 Resp: 419332
Ion Ratio Lower Upper
139 100
109 26.7 25.0 37.4
65 44.5 45.1 67.7#





#27

2,4-Dimethylphenol

Concen: 52.194 ng

RT: 7.886 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

Instrument :

BNA_F

ClientSampleId :

RBR-200033MS

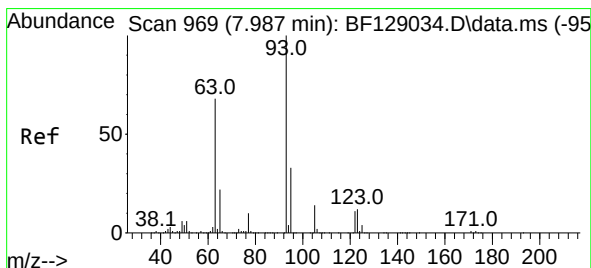
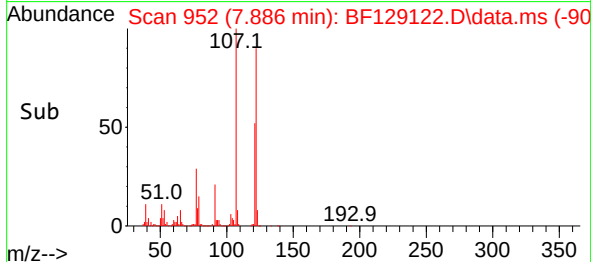
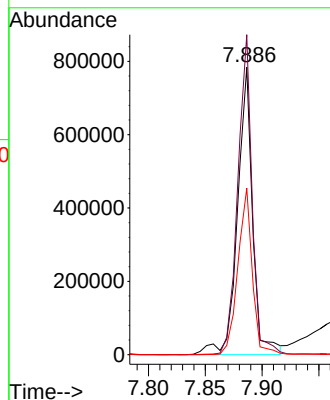
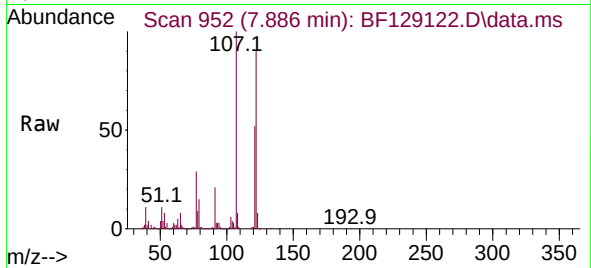
Tgt Ion:122 Resp: 723811

Ion Ratio Lower Upper

122 100

107 111.3 93.0 139.6

121 57.9 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 46.793 ng

RT: 7.986 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

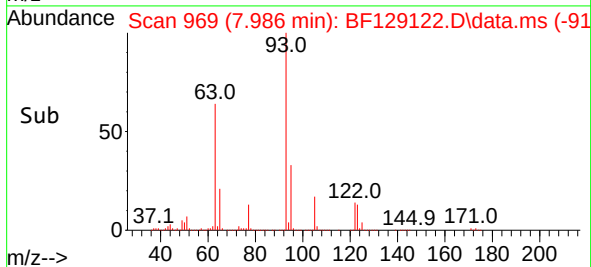
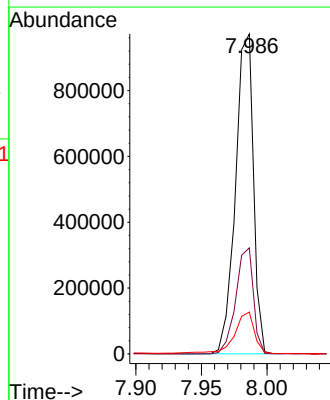
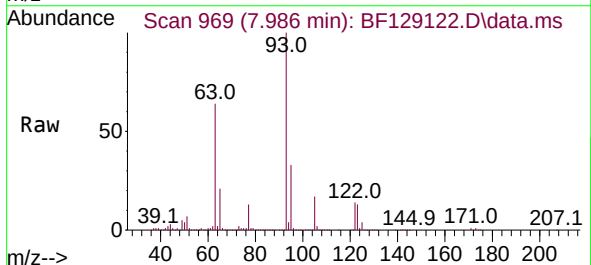
Tgt Ion: 93 Resp: 927750

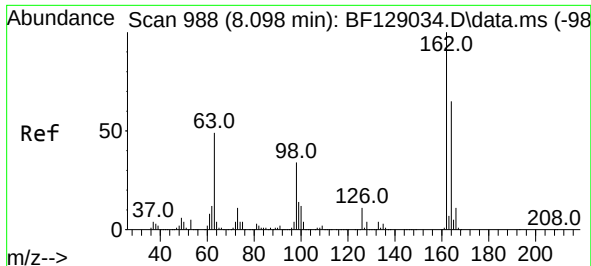
Ion Ratio Lower Upper

93 100

95 33.2 26.8 40.2

123 13.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 44.887 ng

RT: 8.092 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

Instrument :

BNA_F

ClientSampleId :

RBR-200033MS

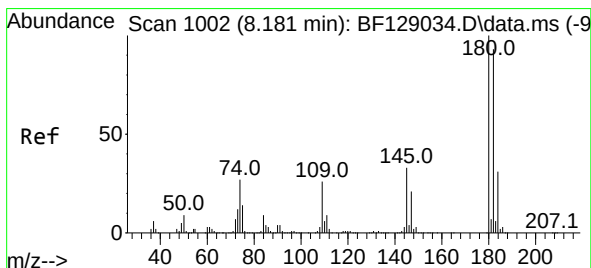
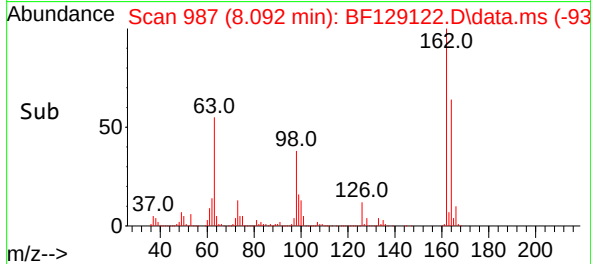
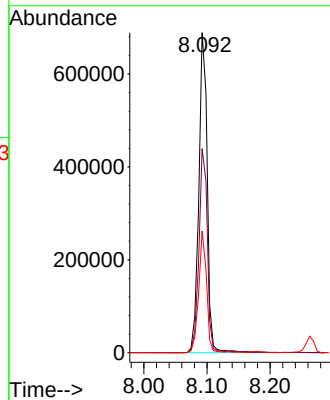
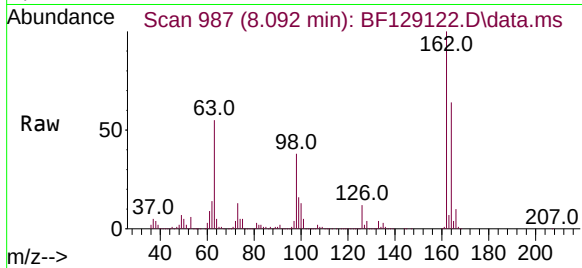
Tgt Ion:162 Resp: 634920

Ion Ratio Lower Upper

162 100

164 63.8 44.2 84.2

98 38.0 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 44.123 ng

RT: 8.181 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

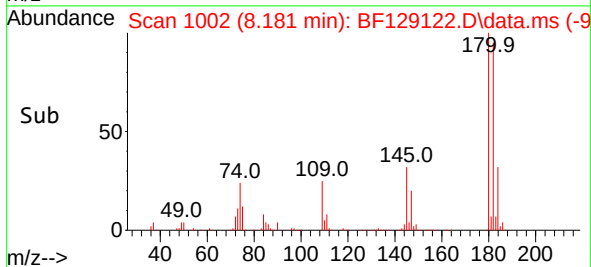
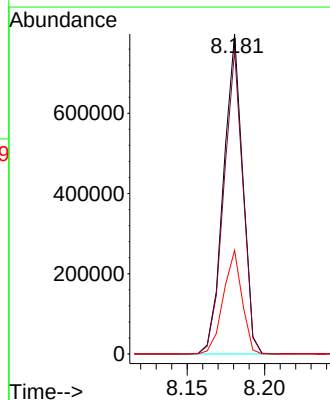
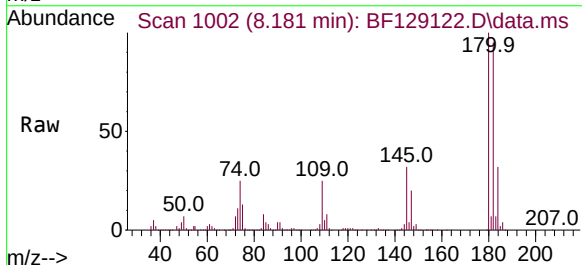
Tgt Ion:180 Resp: 686779

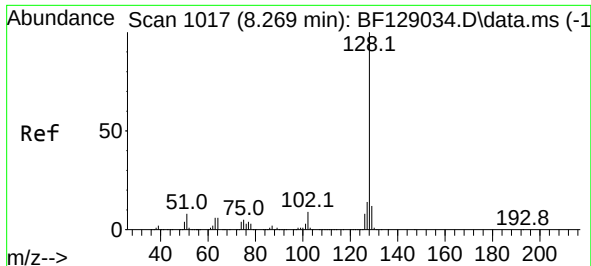
Ion Ratio Lower Upper

180 100

182 95.0 79.2 118.8

145 32.4 26.2 39.2

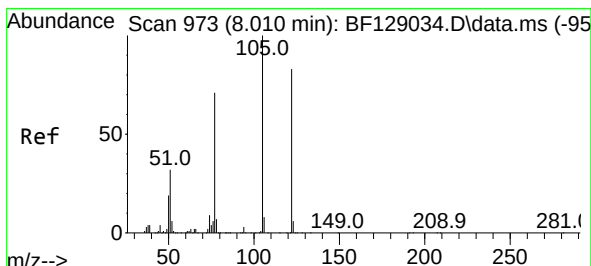
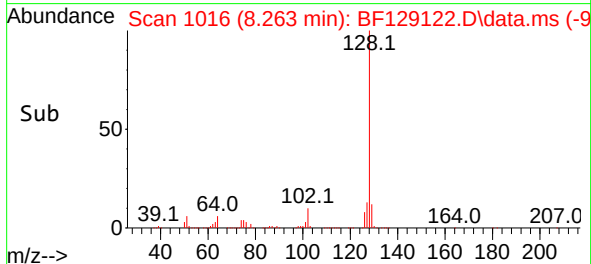
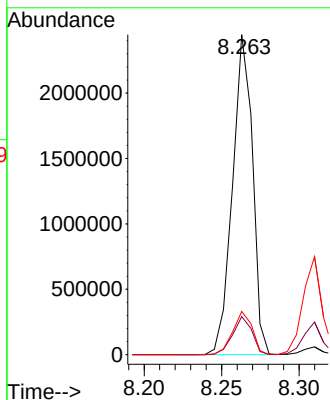
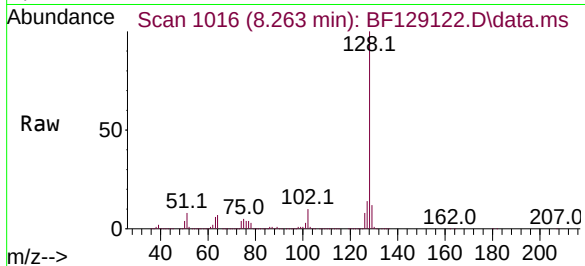




#31
Naphthalene
Concen: 47.465 ng
RT: 8.263 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

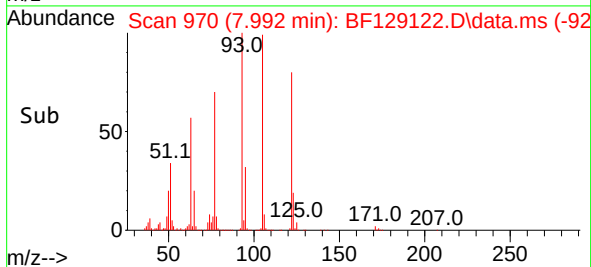
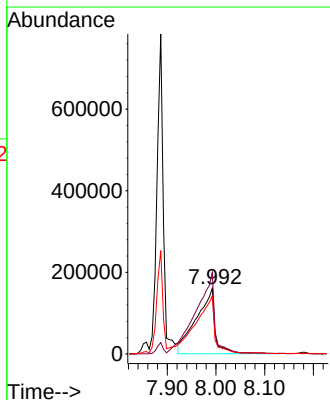
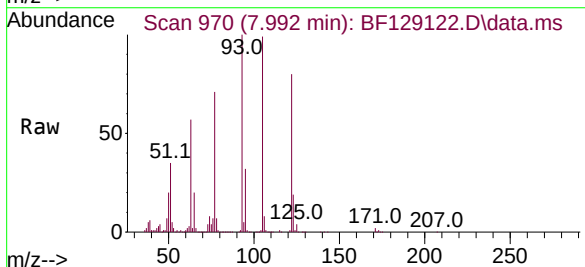
Instrument :
BNA_F
ClientSampleId :
RBR-200033MS

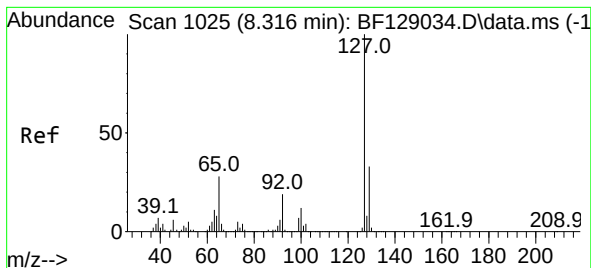
Tgt Ion:128 Resp: 2195435
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.5 10.5 15.7



#32
Benzoic acid
Concen: 38.549 ng
RT: 7.992 min Scan# 970
Delta R.T. -0.018 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion:122 Resp: 428910
Ion Ratio Lower Upper
122 100
105 124.4 107.1 147.1
77 88.5 74.2 114.2





#33

4-Chloroaniline

Concen: 35.262 ng

RT: 8.310 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

Instrument :

BNA_F

ClientSampleId :

RBR-200033MS

Tgt Ion:127 Resp: 657218

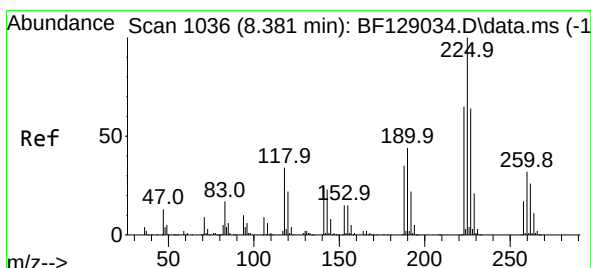
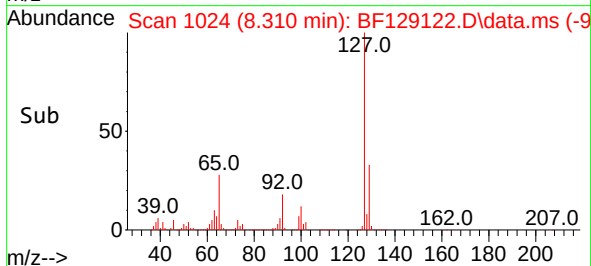
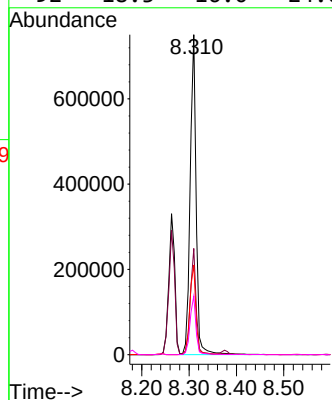
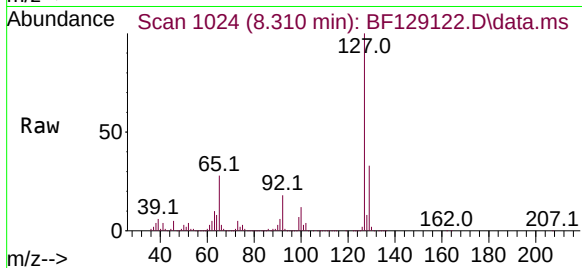
Ion Ratio Lower Upper

127 100

129 33.2 26.4 39.6

65 28.1 26.4 39.6

92 18.3 16.0 24.0



#34

Hexachlorobutadiene

Concen: 46.513 ng

RT: 8.375 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

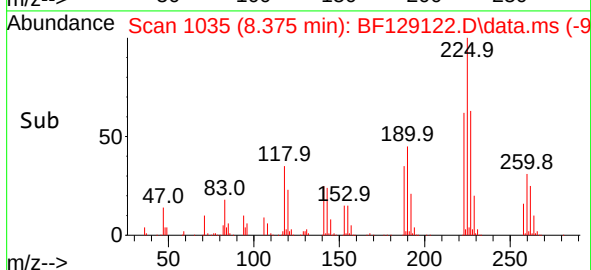
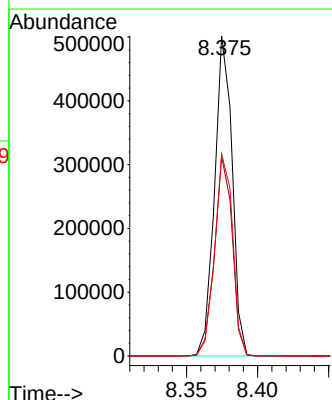
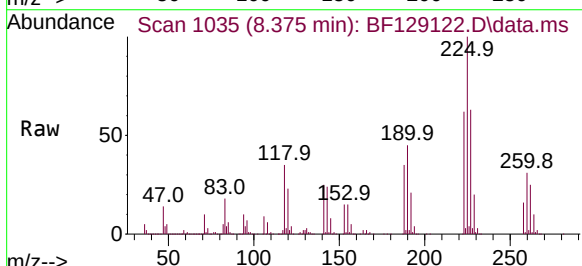
Tgt Ion:225 Resp: 432299

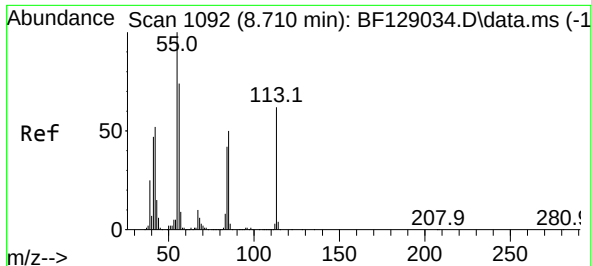
Ion Ratio Lower Upper

225 100

223 62.4 51.0 76.6

227 63.1 51.1 76.7

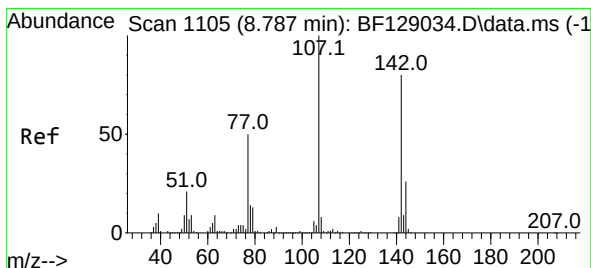
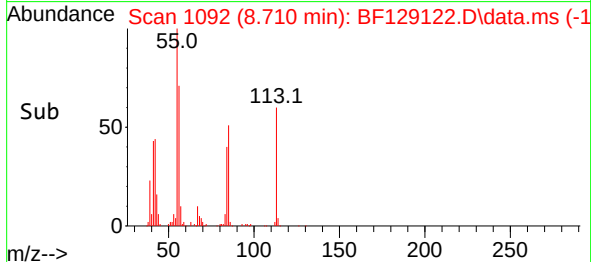
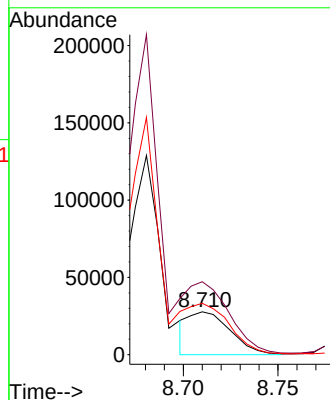
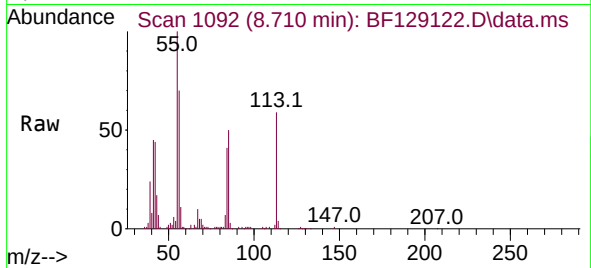




#35
Caprolactam
Concen: 9.501 ng
RT: 8.710 min Scan# 1092
Delta R.T. -0.000 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

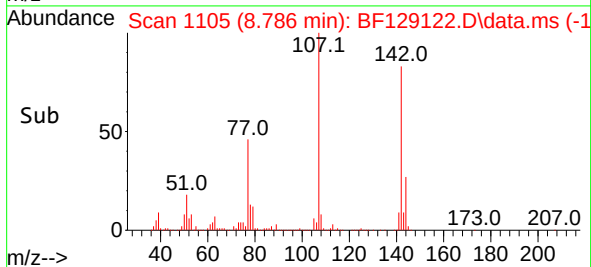
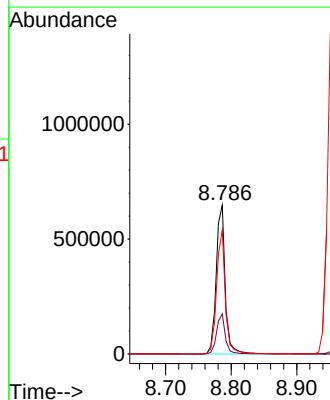
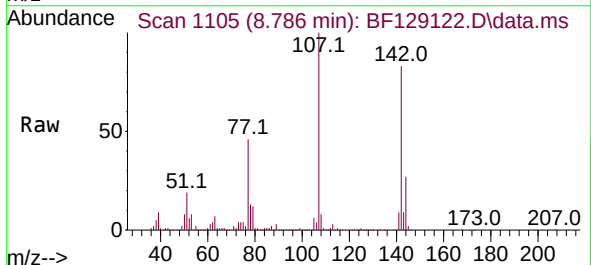
Instrument :
BNA_F
ClientSampleId :
RBR-200033MS

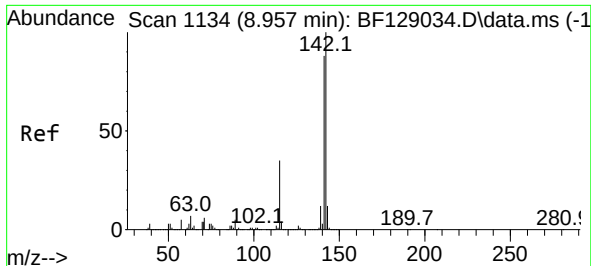
Tgt Ion:113 Resp: 42614
Ion Ratio Lower Upper
113 100
55 170.4 188.5 228.5#
56 119.7 130.6 170.6#



#36
4-Chloro-3-methylphenol
Concen: 42.831 ng
RT: 8.786 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion:107 Resp: 615542
Ion Ratio Lower Upper
107 100
144 27.0 19.5 29.3
142 83.1 58.2 87.4





#37

2-Methylnaphthalene

Concen: 45.947 ng

RT: 8.957 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

Instrument :

BNA_F

ClientSampleId :

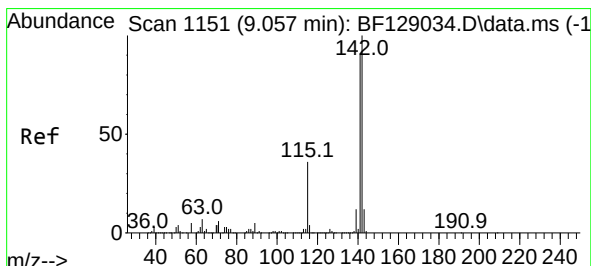
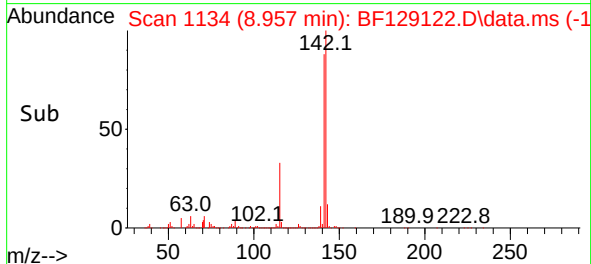
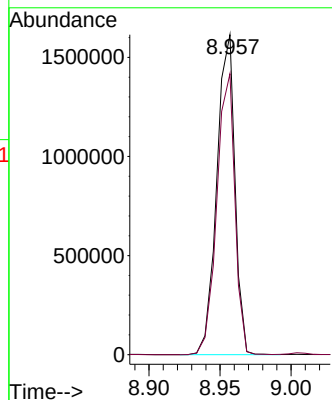
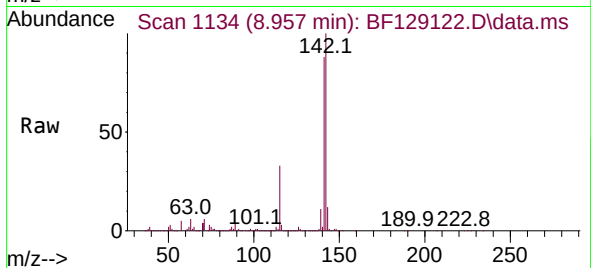
RBR-200033MS

Tgt Ion:142 Resp: 1430058

Ion Ratio Lower Upper

142 100

141 87.8 71.0 106.4



#38

1-Methylnaphthalene

Concen: 45.039 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF129122.D

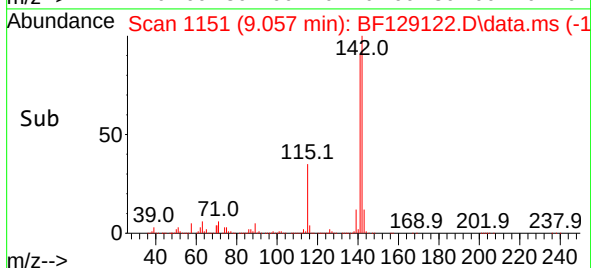
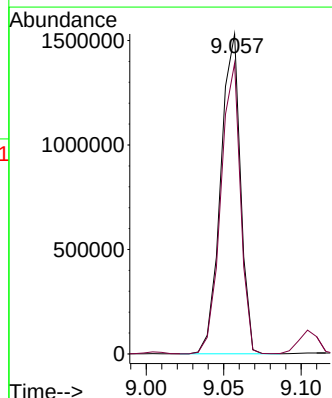
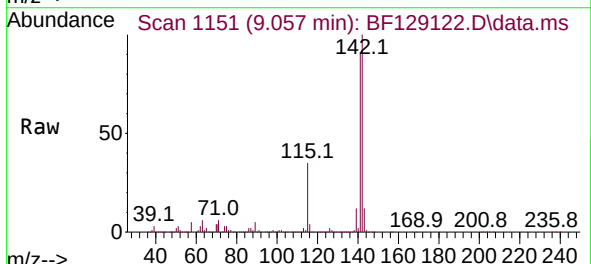
Acq: 05 Jul 2022 14:17

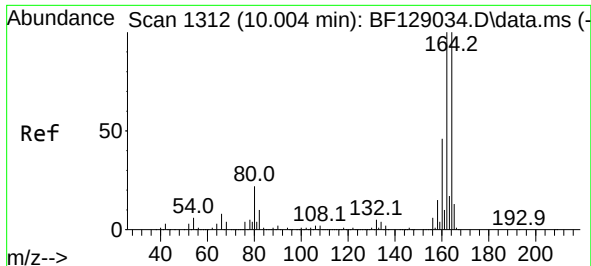
Tgt Ion:142 Resp: 1361330

Ion Ratio Lower Upper

142 100

141 90.8 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: BF129122.D

Acq: 05 Jul 2022 14:17

Instrument :

BNA_F

ClientSampleId :

RBR-200033MS

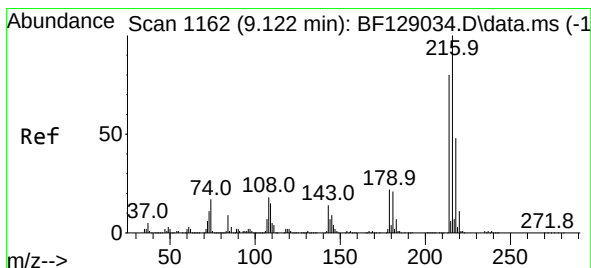
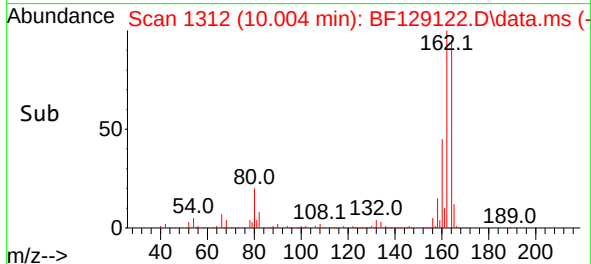
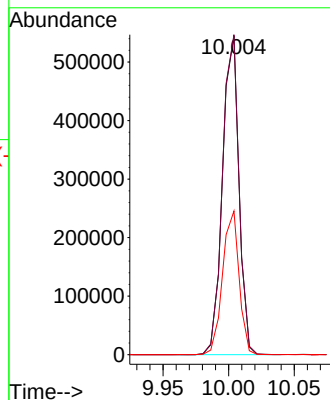
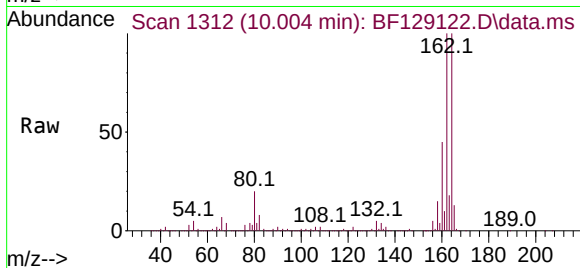
Tgt Ion:164 Resp: 473099

Ion Ratio Lower Upper

164 100

162 100.4 79.5 119.3

160 45.1 34.2 51.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.297 ng

RT: 9.122 min Scan# 1162

Delta R.T. -0.000 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

Tgt Ion:216 Resp: 655558

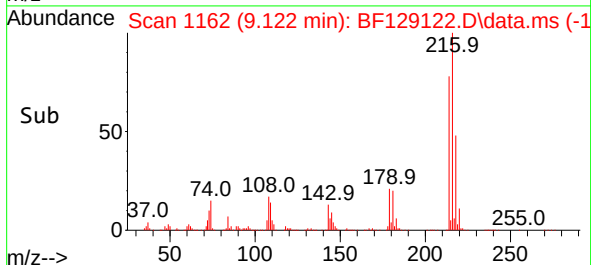
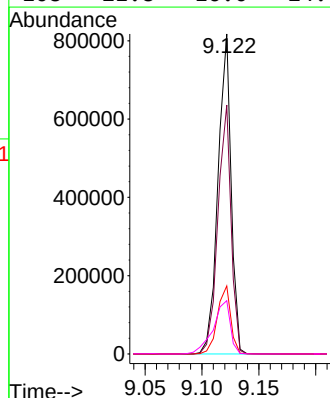
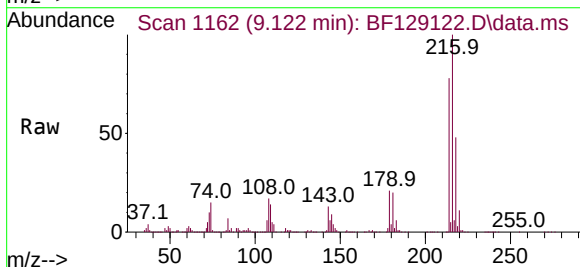
Ion Ratio Lower Upper

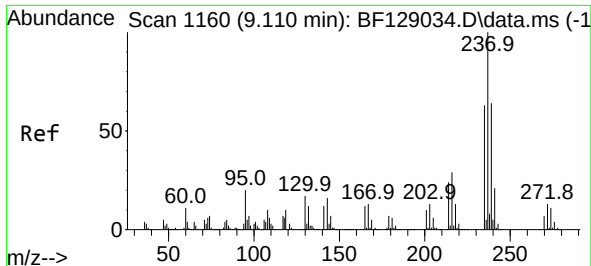
216 100

214 78.2 63.6 95.4

179 21.6 17.0 25.6

108 21.8 16.0 24.0

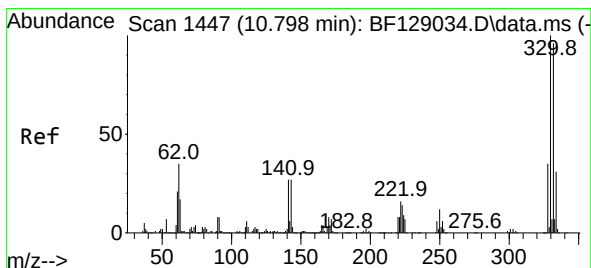
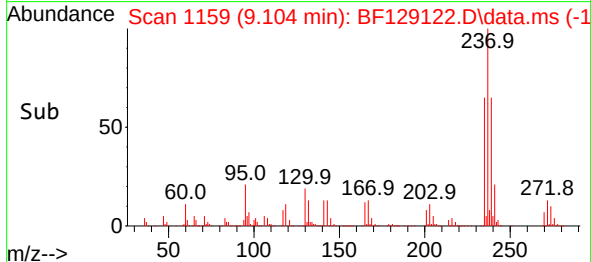
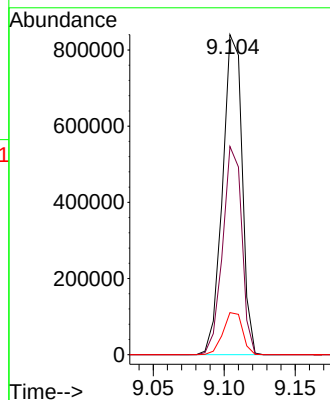
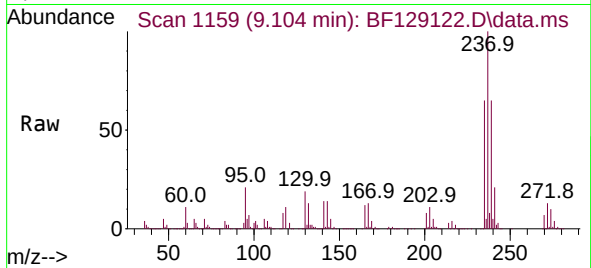




#41
Hexachlorocyclopentadiene
Concen: 114.229 ng
RT: 9.104 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

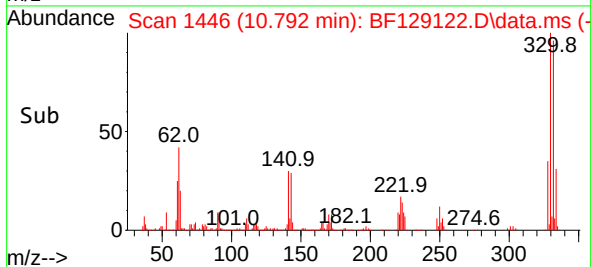
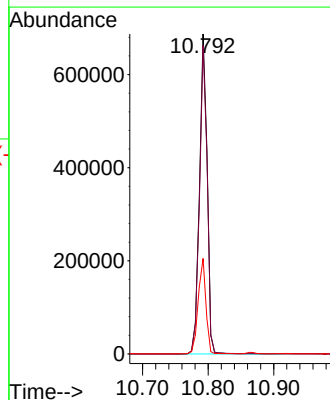
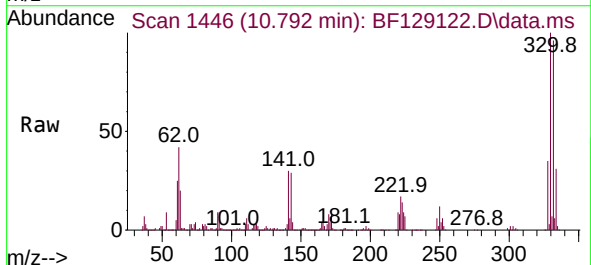
Instrument :
BNA_F
ClientSampleId :
RBR-200033MS

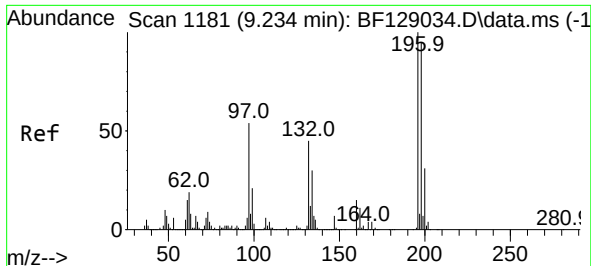
Tgt Ion:237 Resp: 801819
Ion Ratio Lower Upper
237 100
235 65.1 43.2 83.2
272 13.1 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 109.005 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion:330 Resp: 560748
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 30.1 28.0 42.0

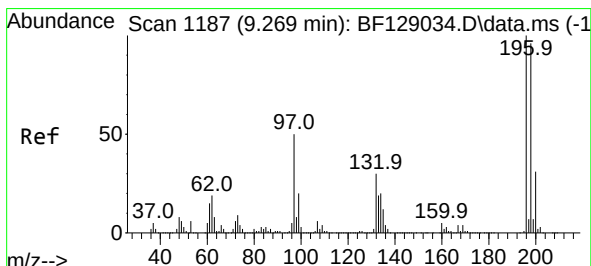
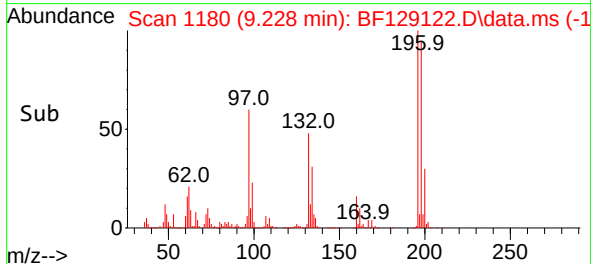
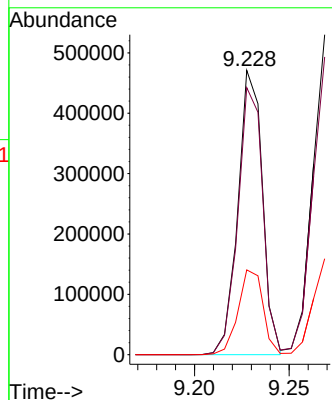
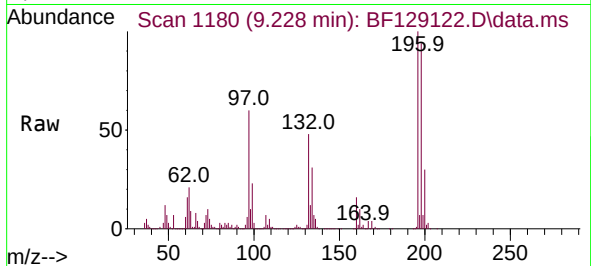




#43
2,4,6-Trichlorophenol
Concen: 46.600 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

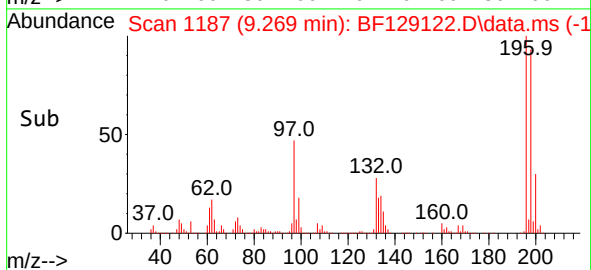
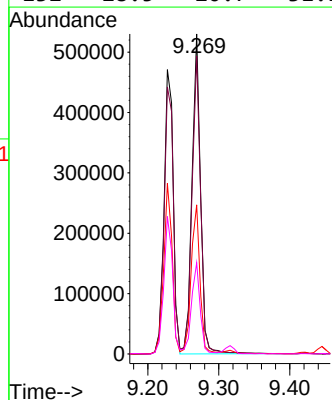
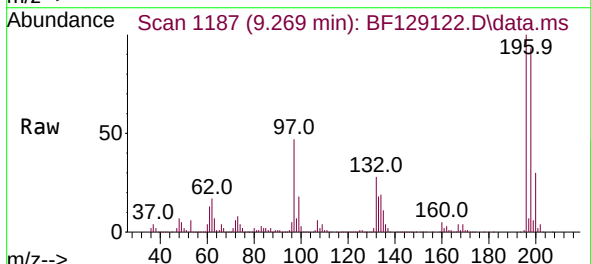
Instrument :
BNA_F
ClientSampleId :
RBR-200033MS

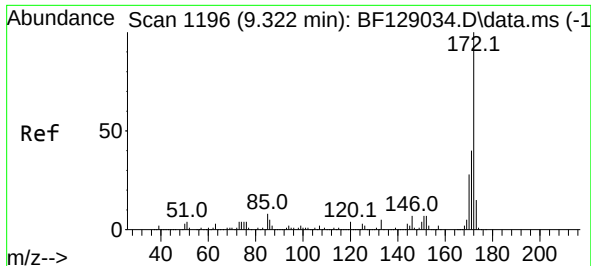
Tgt Ion:196 Resp: 422093
Ion Ratio Lower Upper
196 100
198 94.0 74.0 111.0
200 29.8 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 46.158 ng
RT: 9.269 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion:196 Resp: 444715
Ion Ratio Lower Upper
196 100
198 93.1 75.7 113.5
97 46.6 36.4 54.6
132 28.5 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 83.886 ng

RT: 9.316 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

Instrument :

BNA_F

ClientSampleId :

RBR-200033MS

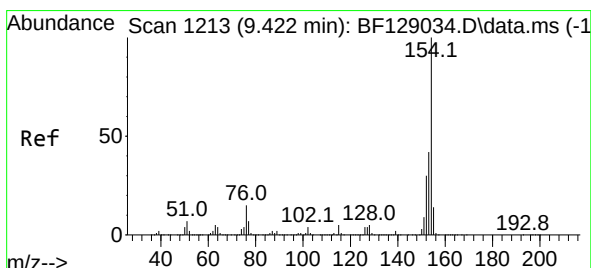
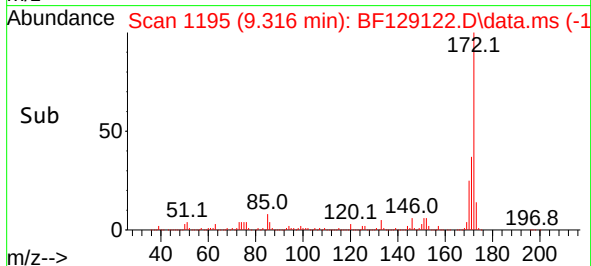
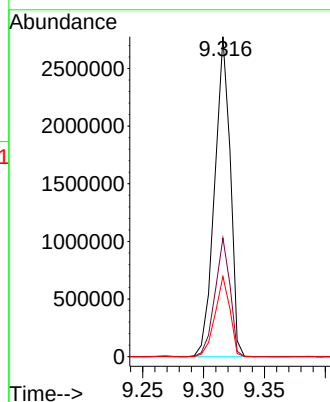
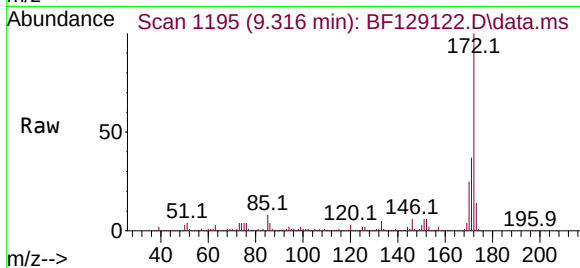
Tgt Ion:172 Resp: 2480723

Ion Ratio Lower Upper

172 100

171 37.1 28.8 43.2

170 25.0 19.8 29.8



#46

1,1'-Biphenyl

Concen: 50.570 ng

RT: 9.422 min Scan# 1213

Delta R.T. -0.000 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

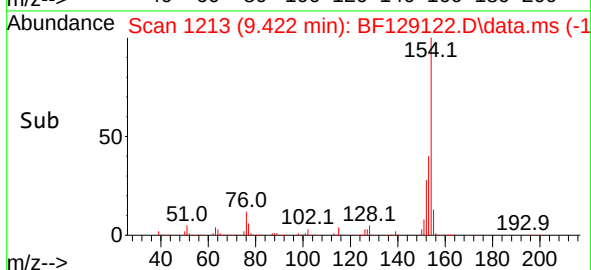
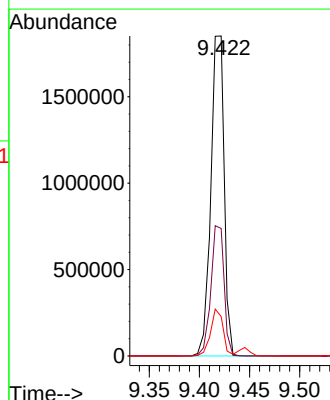
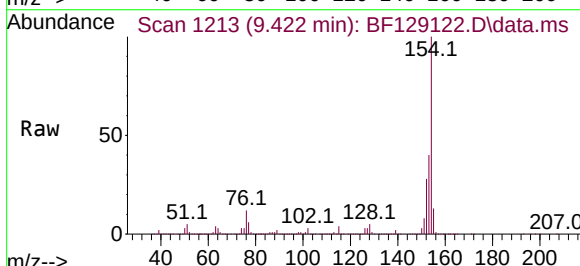
Tgt Ion:154 Resp: 1720014

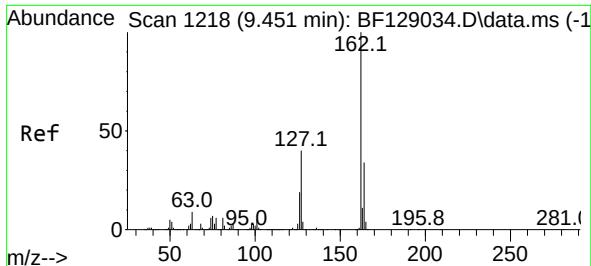
Ion Ratio Lower Upper

154 100

153 39.8 20.6 60.6

76 12.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 48.182 ng

RT: 9.445 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

Instrument :

BNA_F

ClientSampleId :

RBR-200033MS

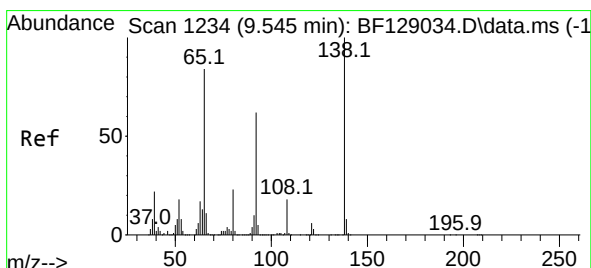
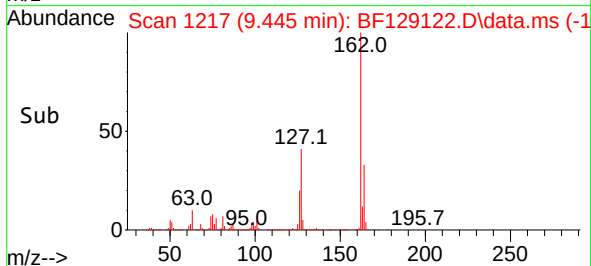
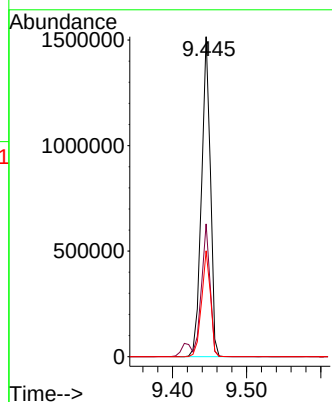
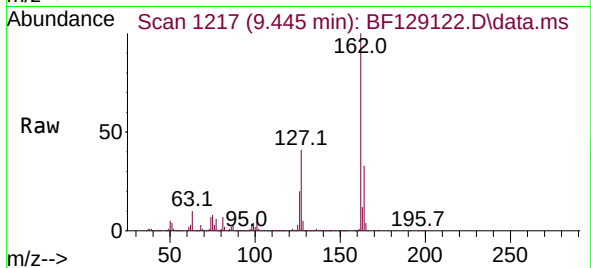
Tgt Ion:162 Resp: 1265531

Ion Ratio Lower Upper

162 100

127 41.5 34.5 51.7

164 33.1 26.5 39.7



#48

2-Nitroaniline

Concen: 52.002 ng

RT: 9.539 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

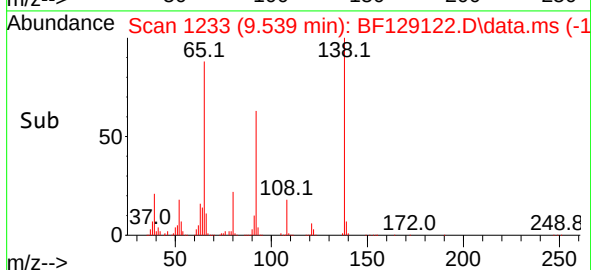
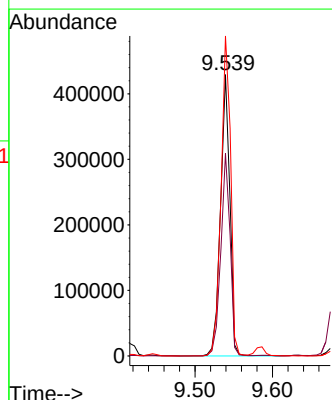
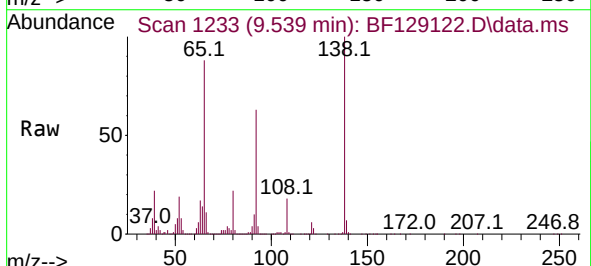
Tgt Ion: 65 Resp: 359744

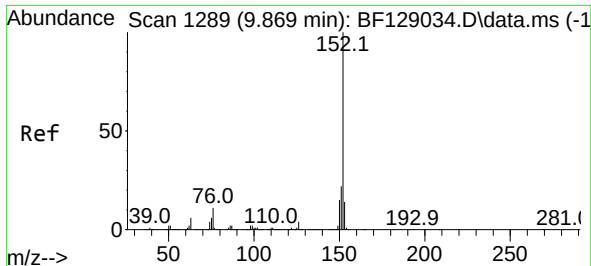
Ion Ratio Lower Upper

65 100

92 72.0 51.9 77.9

138 113.7 76.4 114.6

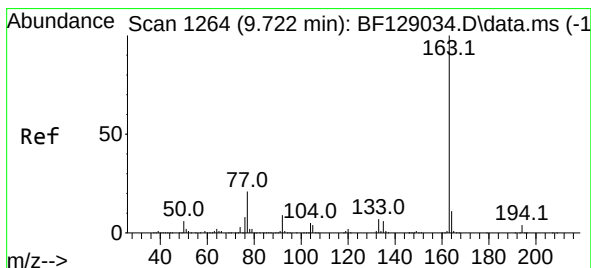
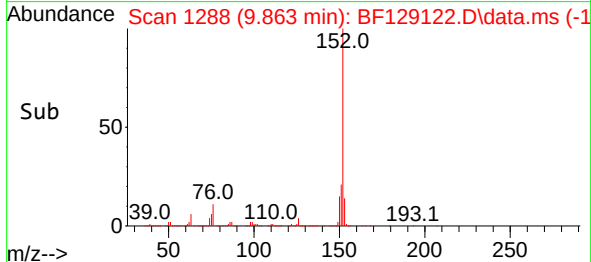
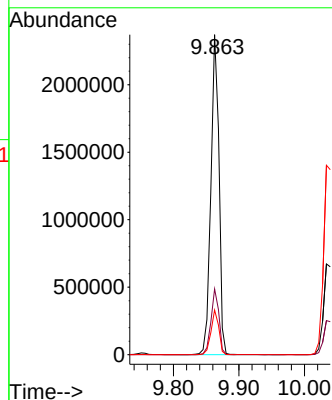
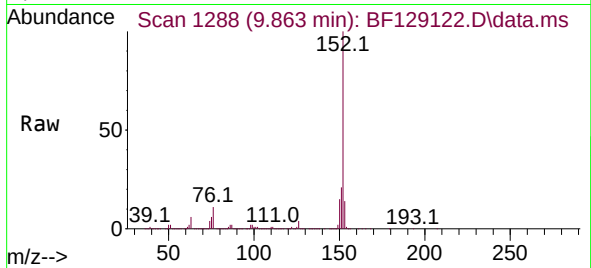




#49
Acenaphthylene
Concen: 51.016 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

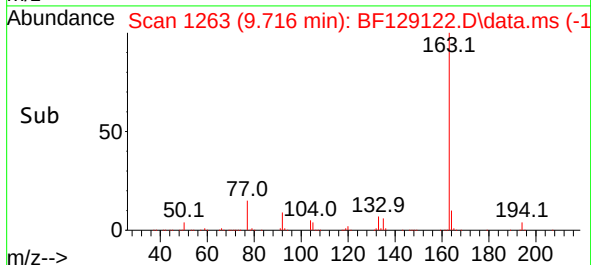
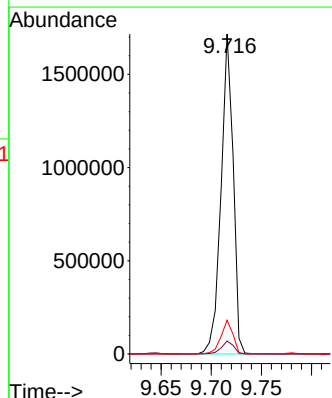
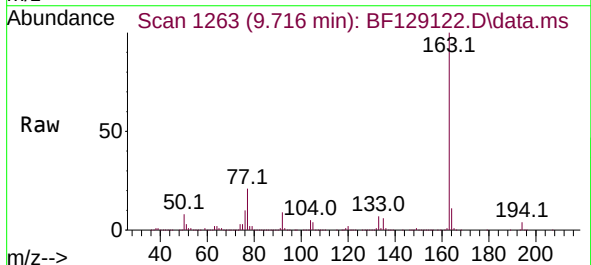
Instrument :
BNA_F
ClientSampleId :
RBR-200033MS

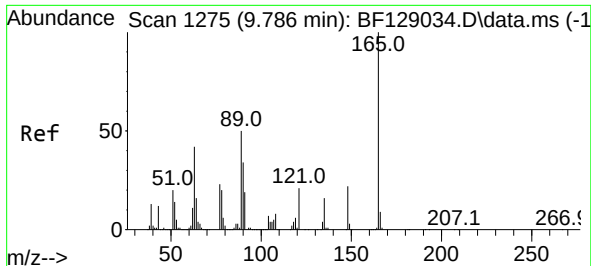
Tgt Ion:152 Resp: 2036086
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.9 10.7 16.1



#50
Dimethylphthalate
Concen: 48.651 ng
RT: 9.716 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion:163 Resp: 1439935
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.5 8.2 12.2

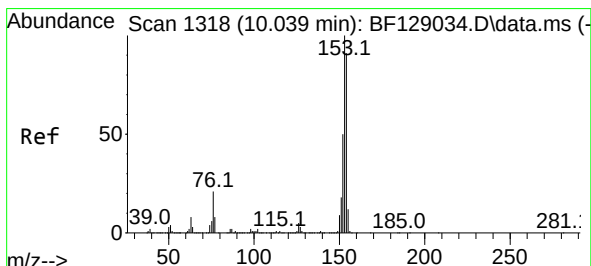
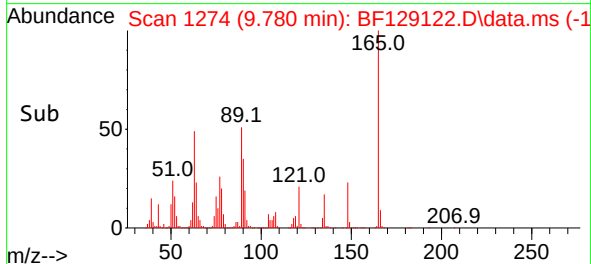
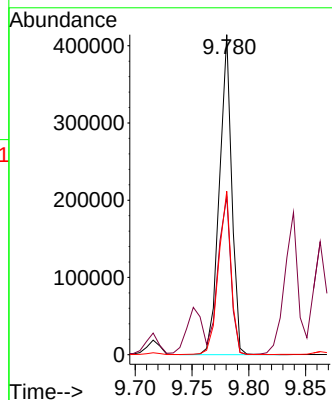
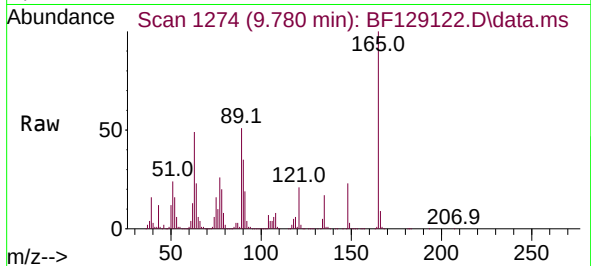




#51
2,6-Dinitrotoluene
Concen: 51.942 ng
RT: 9.780 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

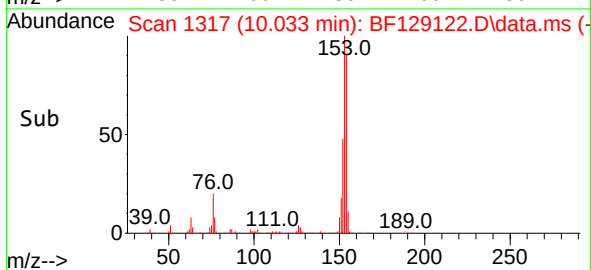
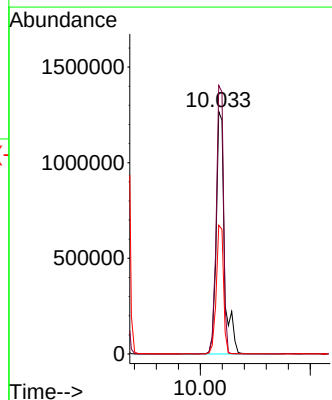
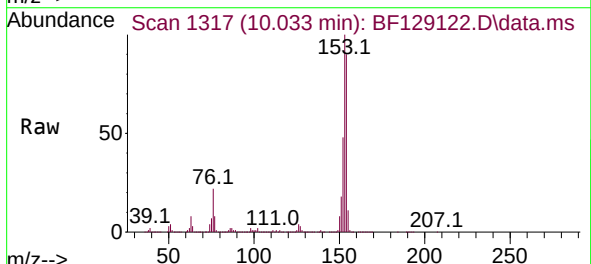
Instrument :
BNA_F
ClientSampleId :
RBR-200033MS

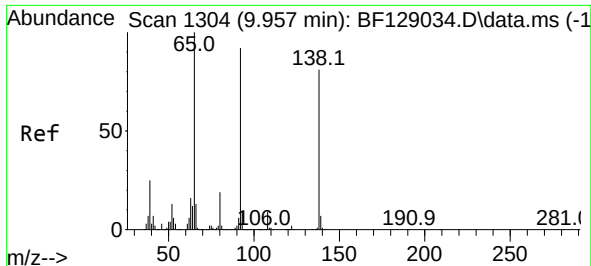
Tgt Ion:165 Resp: 314147
Ion Ratio Lower Upper
165 100
63 49.4 44.9 67.3
89 51.1 43.6 65.4



#52
Acenaphthene
Concen: 51.140 ng
RT: 10.033 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion:154 Resp: 1329466
Ion Ratio Lower Upper
154 100
153 110.8 89.6 134.4
152 53.1 42.4 63.6

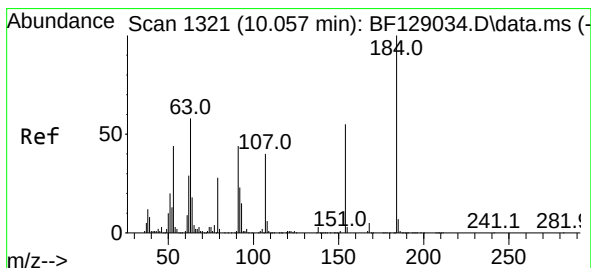
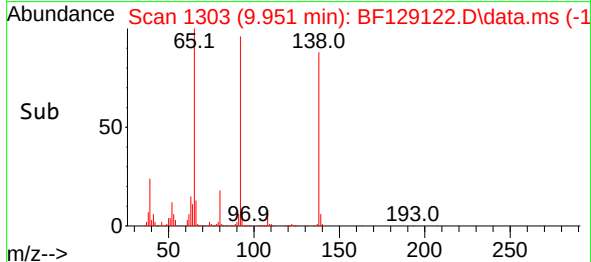
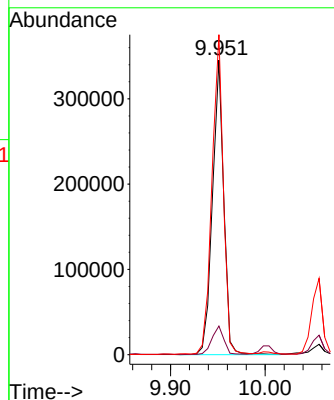
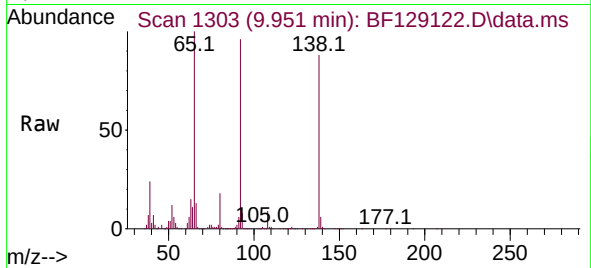




#53
3-Nitroaniline
Concen: 39.632 ng
RT: 9.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

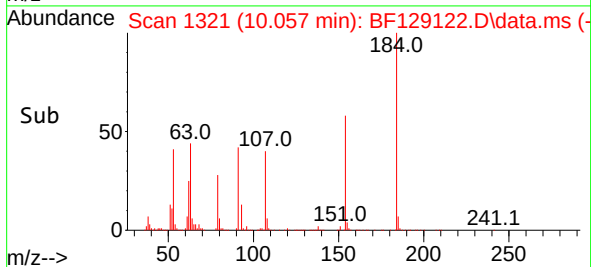
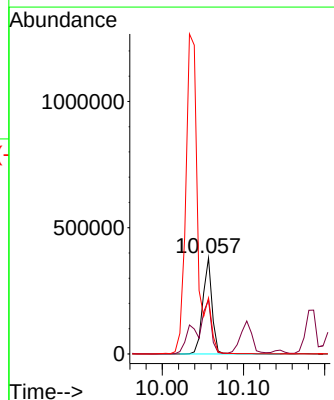
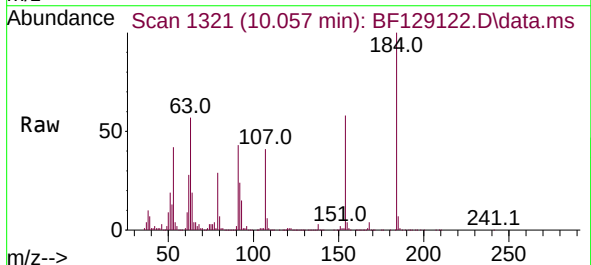
Instrument :
BNA_F
ClientSampleId :
RBR-200033MS

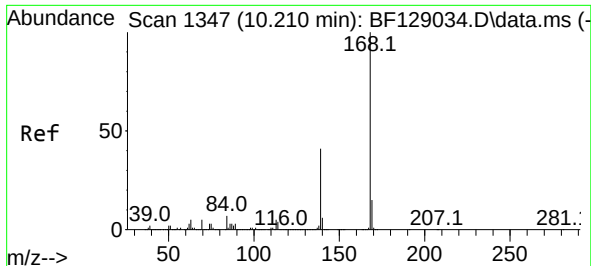
Tgt Ion:138 Resp: 285835
Ion Ratio Lower Upper
138 100
108 9.7 10.9 16.3#
92 108.6 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 90.809 ng
RT: 10.057 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion:184 Resp: 300321
Ion Ratio Lower Upper
184 100
63 56.5 64.5 96.7#
154 58.4 50.6 75.8

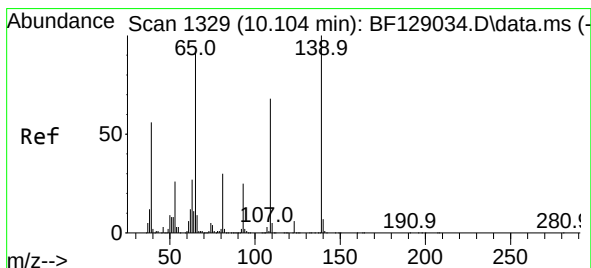
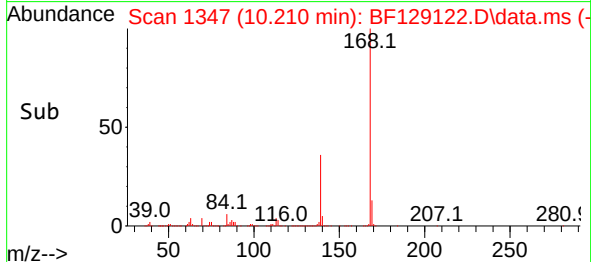
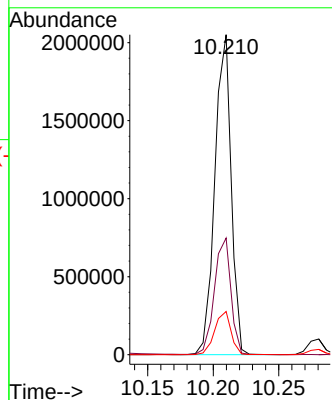
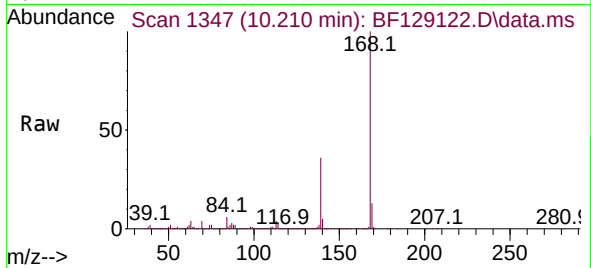




#55
Dibenzofuran
Concen: 46.766 ng
RT: 10.210 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

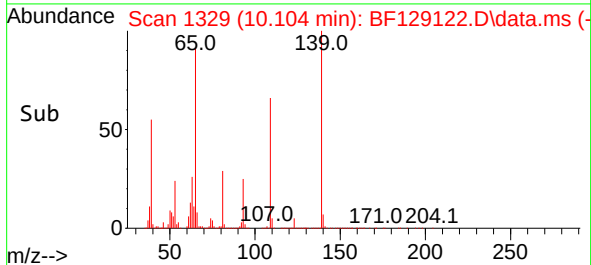
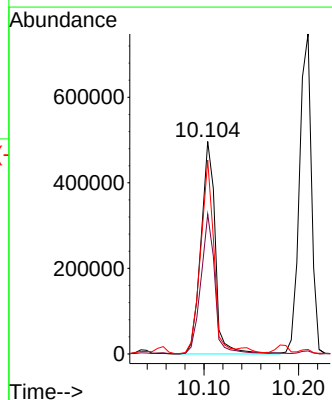
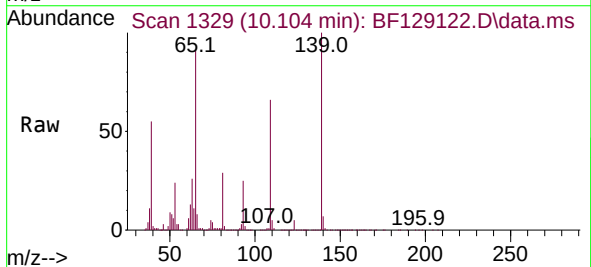
Instrument :
BNA_F
ClientSampleId :
RBR-200033MS

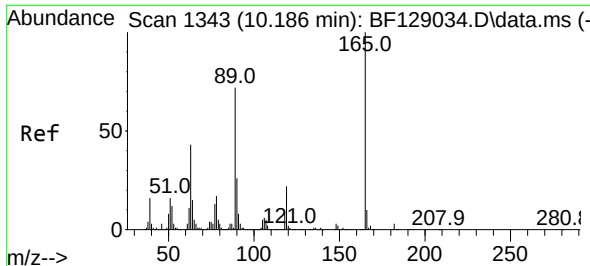
Tgt Ion:168 Resp: 1770287
Ion Ratio Lower Upper
168 100
139 36.5 30.6 46.0
169 13.5 11.0 16.6



#56
4-Nitrophenol
Concen: 88.496 ng
RT: 10.104 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion:139 Resp: 521496
Ion Ratio Lower Upper
139 100
109 65.9 50.7 90.7
65 91.2 74.5 114.5

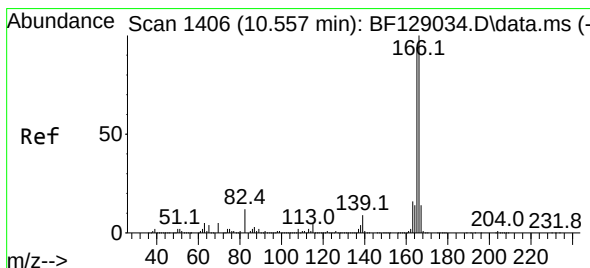
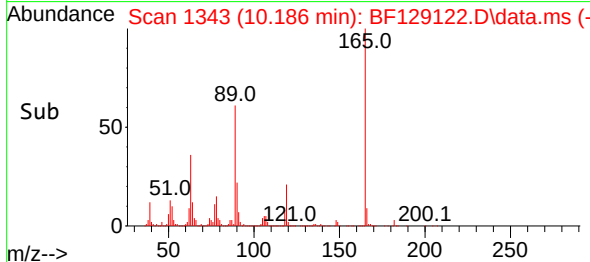
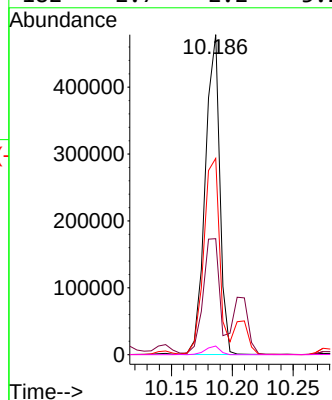
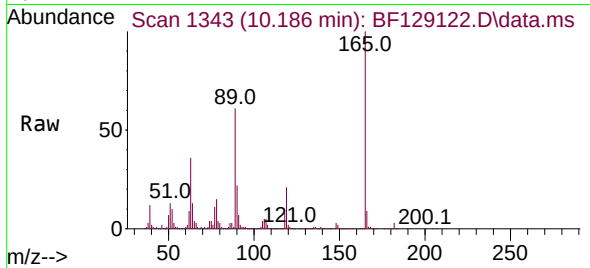




#57
2,4-Dinitrotoluene
Concen: 52.901 ng
RT: 10.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

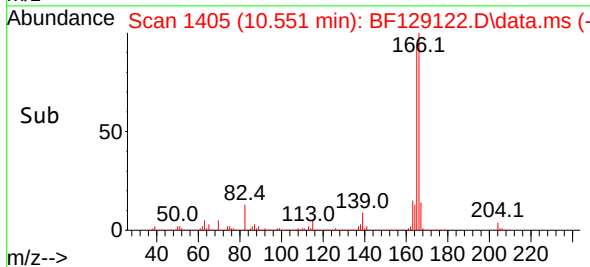
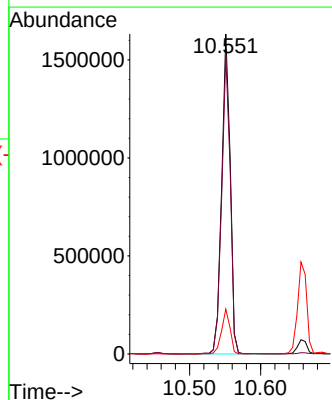
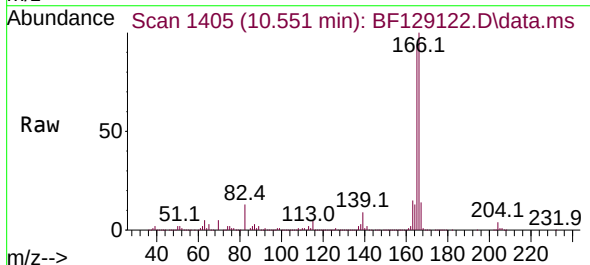
Instrument :
BNA_F
ClientSampleId :
RBR-200033MS

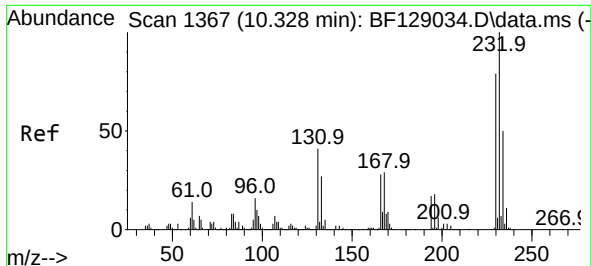
Tgt Ion:165 Resp: 394979
Ion Ratio Lower Upper
165 100
63 36.2 39.8 59.6#
89 61.3 60.2 90.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 46.149 ng
RT: 10.551 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion:166 Resp: 1351302
Ion Ratio Lower Upper
166 100
165 93.5 78.1 117.1
167 14.0 10.5 15.7

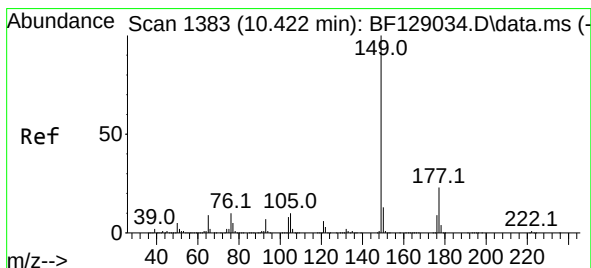
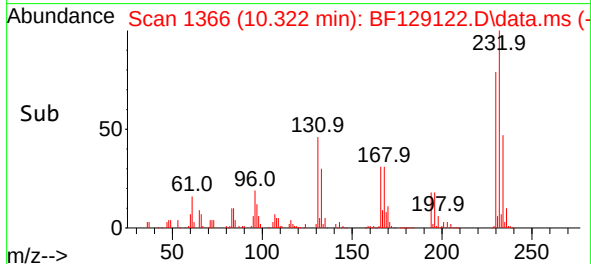
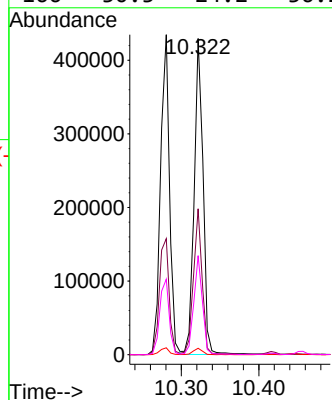
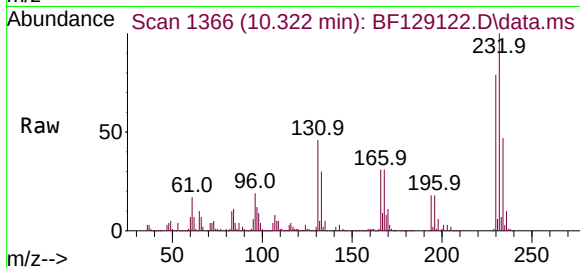




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.982 ng
RT: 10.322 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

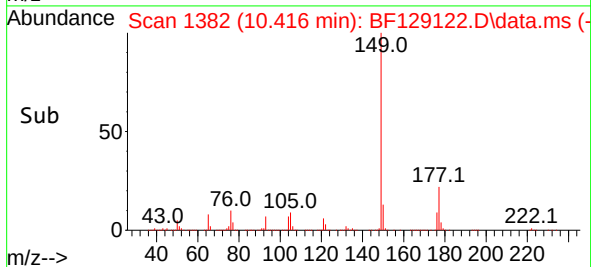
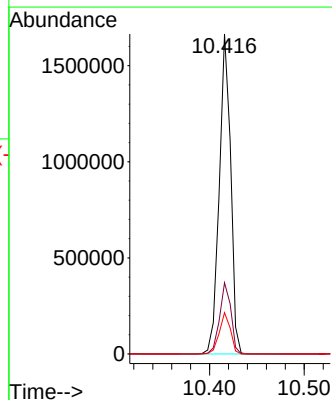
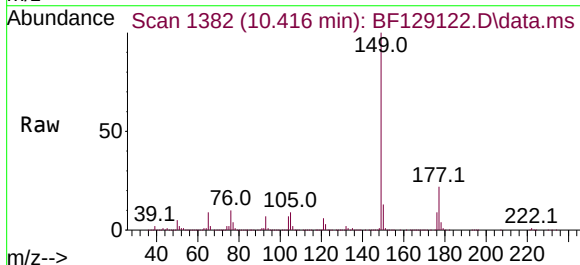
Instrument :
BNA_F
ClientSampleId :
RBR-200033MS

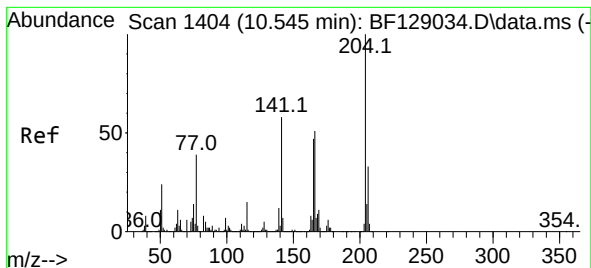
Tgt Ion:232 Resp: 343079
Ion Ratio Lower Upper
232 100
131 44.5 36.1 54.1
130 2.1 1.8 2.8
166 30.3 24.2 36.2



#60
Diethylphthalate
Concen: 46.702 ng
RT: 10.416 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion:149 Resp: 1385048
Ion Ratio Lower Upper
149 100
177 22.3 17.3 25.9
150 12.9 10.2 15.2

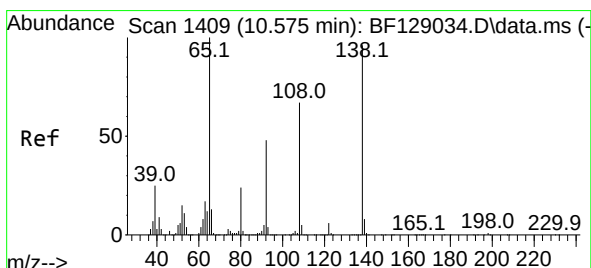
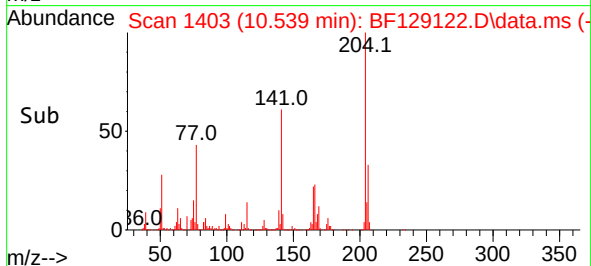
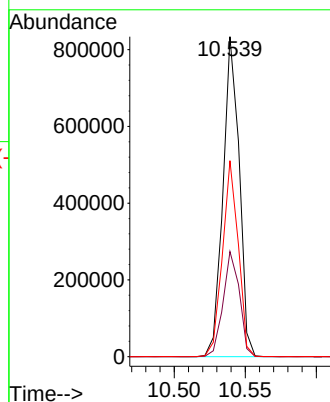
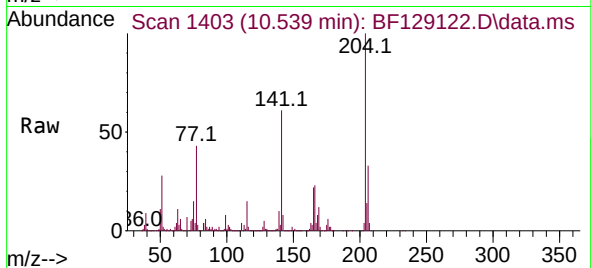




#61
4-Chlorophenyl-phenylether
Concen: 45.213 ng
RT: 10.539 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

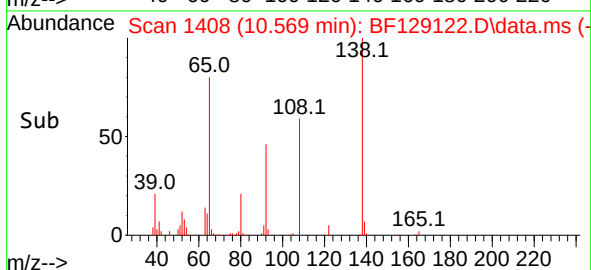
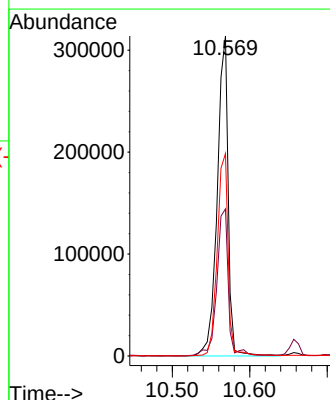
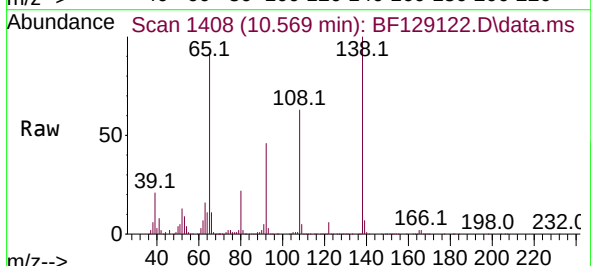
Instrument :
BNA_F
ClientSampleId :
RBR-200033MS

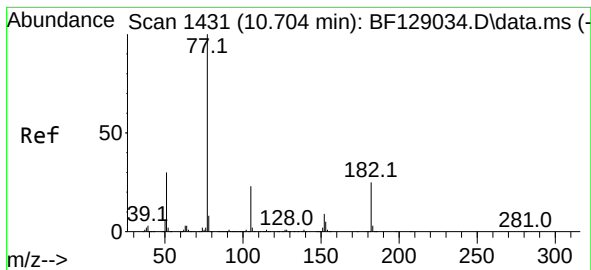
Tgt Ion:204 Resp: 659611
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 61.3 47.0 70.4



#62
4-Nitroaniline
Concen: 43.058 ng
RT: 10.569 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion:138 Resp: 307946
Ion Ratio Lower Upper
138 100
92 46.0 33.5 73.5
108 63.2 61.0 101.0



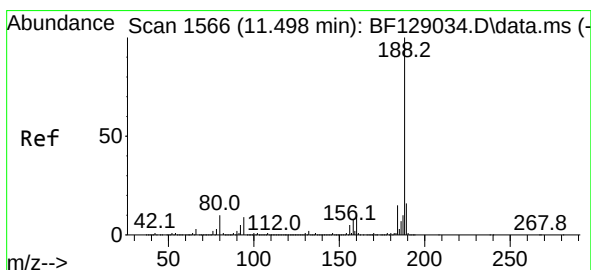
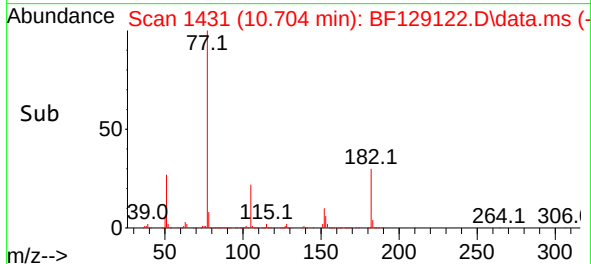
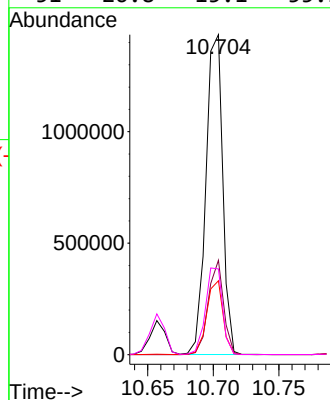
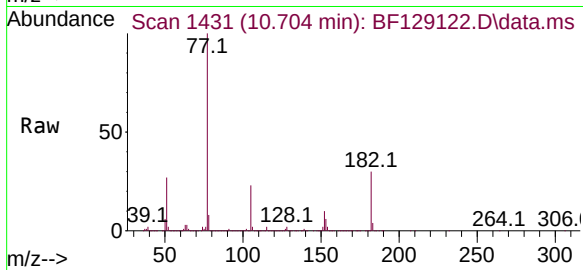


#63
Azobenzene
Concen: 44.133 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Instrument :
BNA_F
ClientSampleId :
RBR-200033MS

Tgt Ion: 77 Resp: 1282343

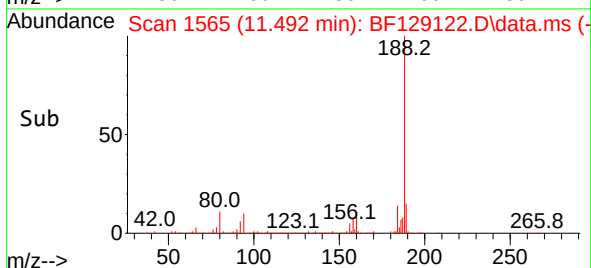
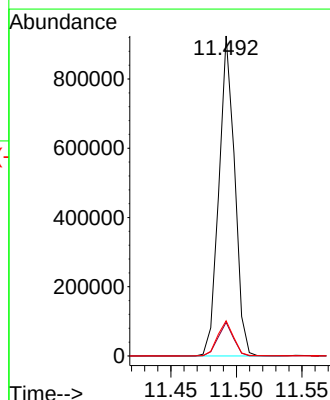
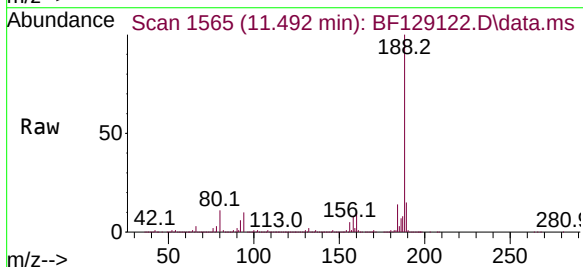
Ion	Ratio	Lower	Upper
77	100		
182	29.5	5.6	45.6
105	23.1	1.6	41.6
51	26.8	15.1	55.1

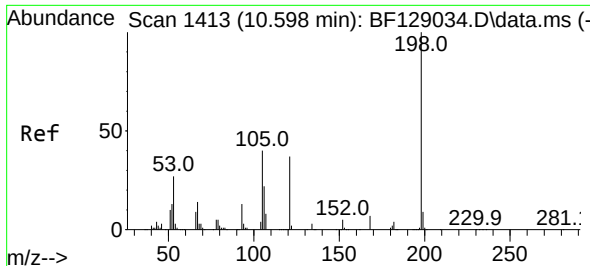


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion: 188 Resp: 771604

Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.0	10.6
80	11.0	7.6	11.4

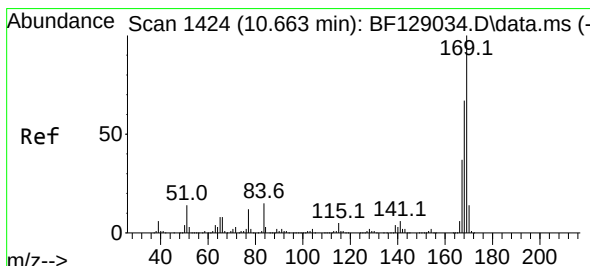
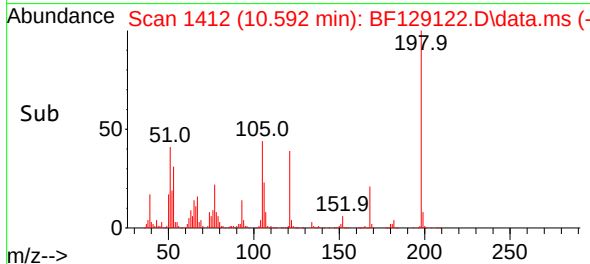
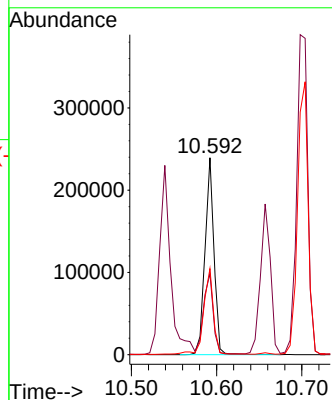
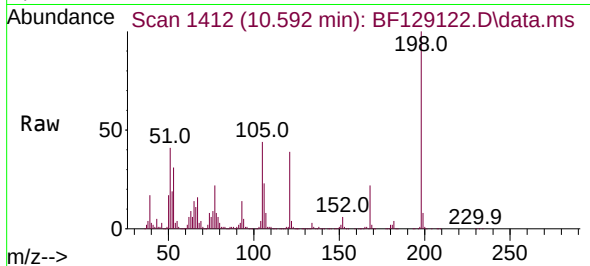




#65
4,6-Dinitro-2-methylphenol
Concen: 51.601 ng
RT: 10.592 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

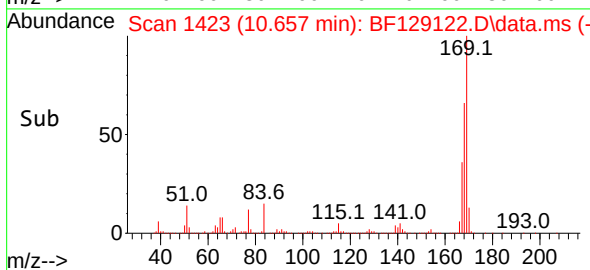
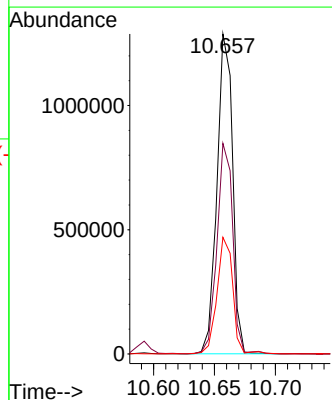
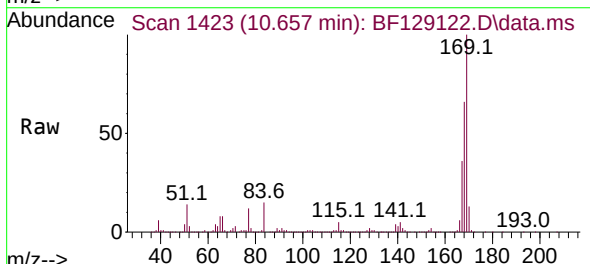
Instrument :
BNA_F
ClientSampleId :
RBR-200033MS

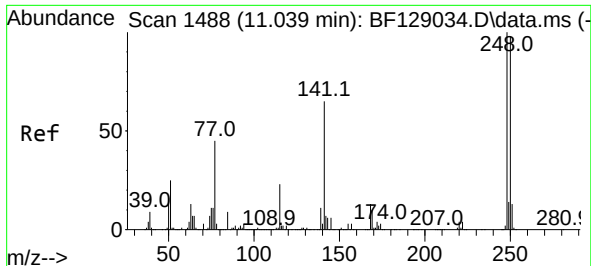
Tgt Ion:198 Resp: 176148
Ion Ratio Lower Upper
198 100
51 41.2 37.6 77.6
105 43.7 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 48.977 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion:169 Resp: 1147716
Ion Ratio Lower Upper
169 100
168 65.8 50.1 75.1
167 36.4 27.9 41.9

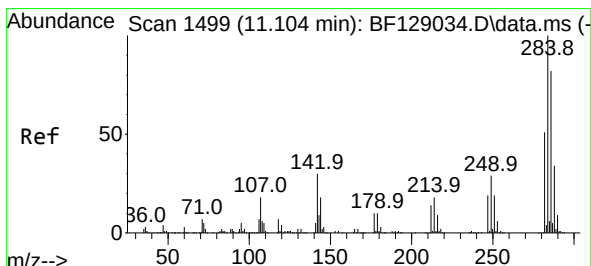
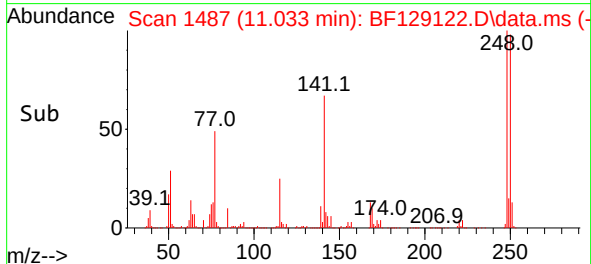
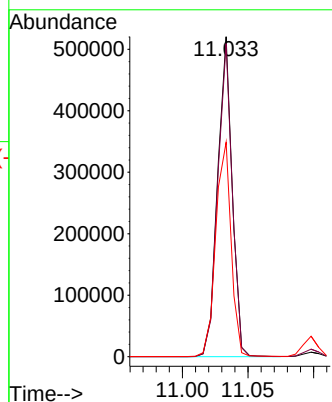
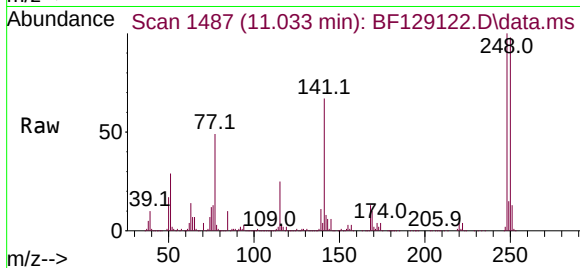




#67
4-Bromophenyl-phenylether
Concen: 48.747 ng
RT: 11.033 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

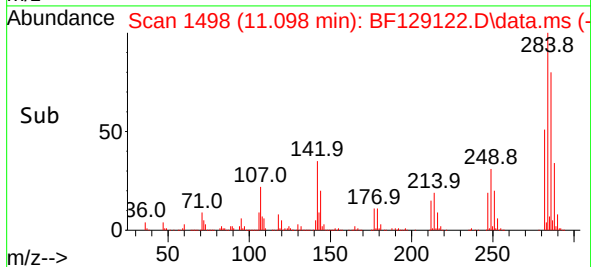
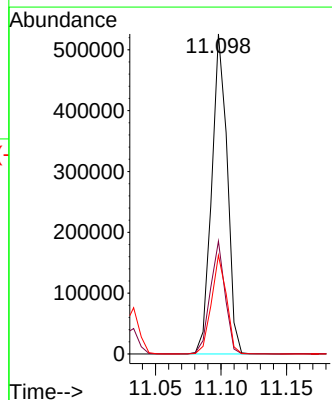
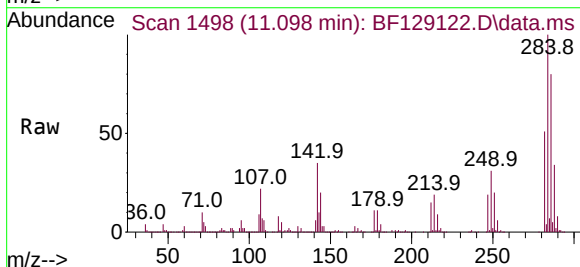
Instrument :
BNA_F
ClientSampleId :
RBR-200033MS

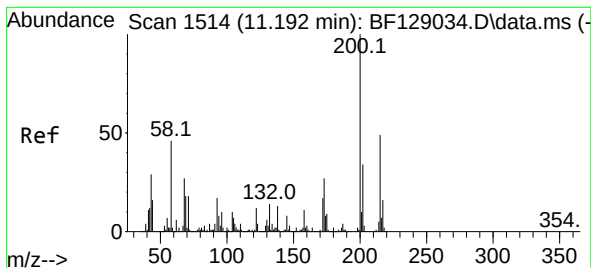
Tgt Ion:248 Resp: 400105
Ion Ratio Lower Upper
248 100
250 97.9 80.6 120.8
141 67.0 58.9 88.3



#68
Hexachlorobenzene
Concen: 47.358 ng
RT: 11.098 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion:284 Resp: 432828
Ion Ratio Lower Upper
284 100
142 35.2 29.0 43.4
249 30.9 25.0 37.6





#69

Atrazine

Concen: 54.476 ng

RT: 11.186 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

Instrument :

BNA_F

ClientSampleId :

RBR-200033MS

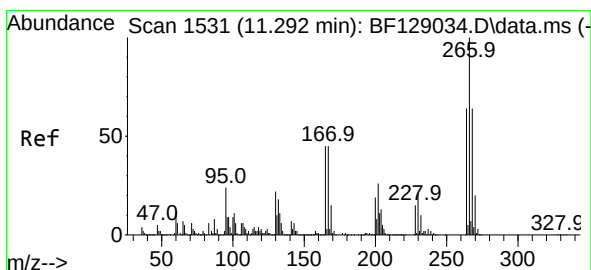
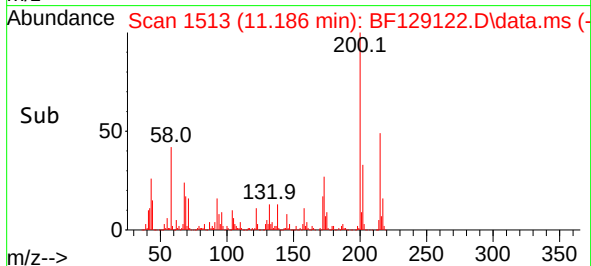
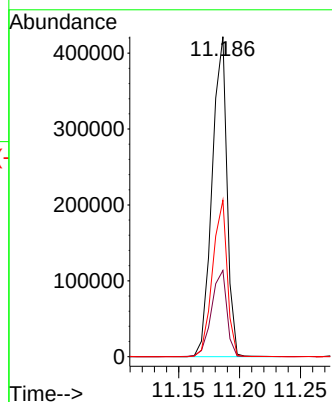
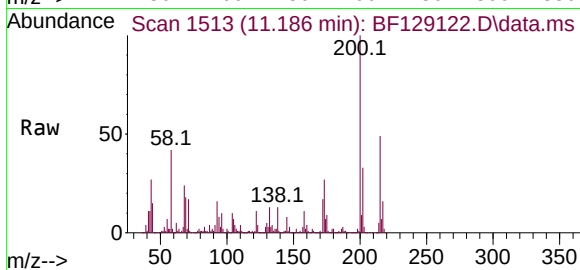
Tgt Ion:200 Resp: 359222

Ion Ratio Lower Upper

200 100

173 26.9 6.3 46.3

215 48.9 28.3 68.3



#70

Pentachlorophenol

Concen: 91.030 ng

RT: 11.292 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

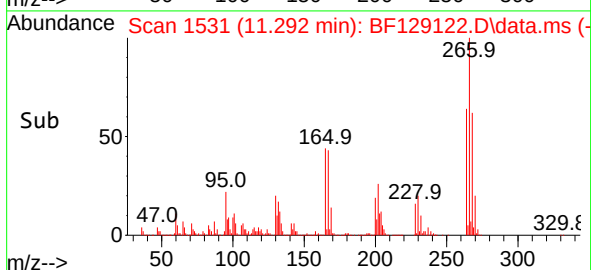
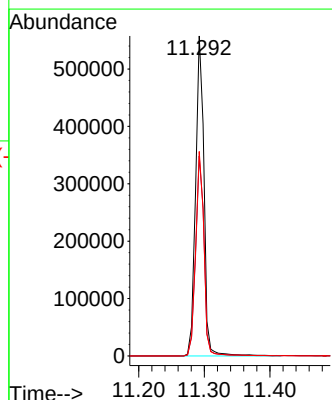
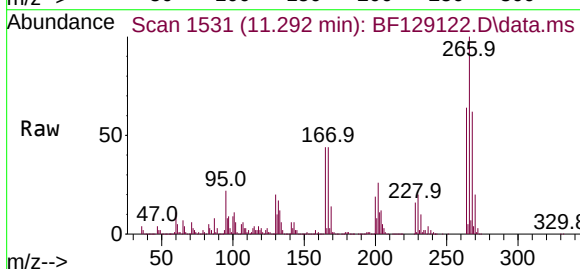
Tgt Ion:266 Resp: 495541

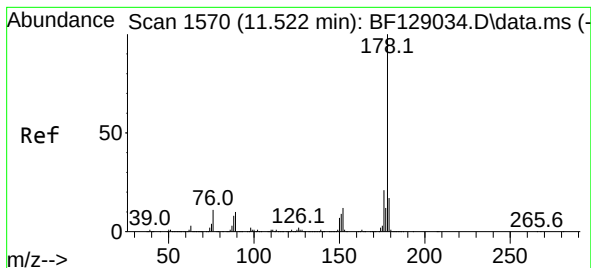
Ion Ratio Lower Upper

266 100

268 62.5 51.0 76.4

264 63.9 49.4 74.2





#71

Phenanthrene

Concen: 54.836 ng

RT: 11.522 min Scan# 1570

Delta R.T. -0.000 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

Instrument :

BNA_F

ClientSampleId :

RBR-200033MS

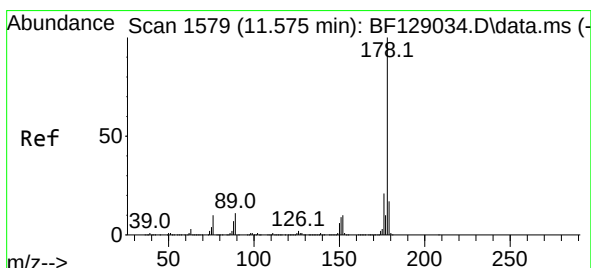
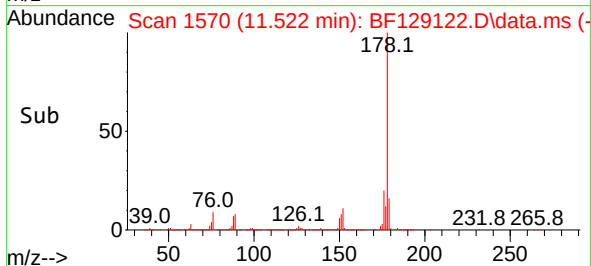
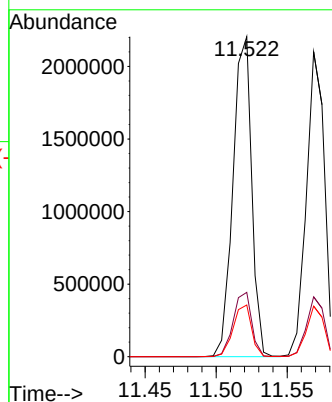
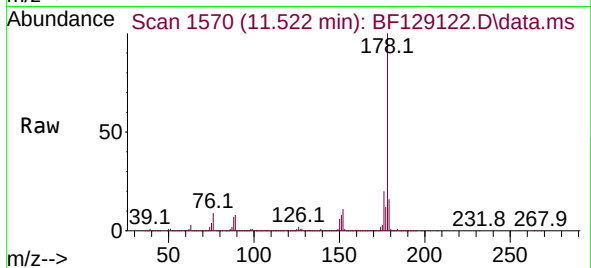
Tgt Ion:178 Resp: 2021634

Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

179 16.2 12.6 19.0



#72

Anthracene

Concen: 51.191 ng

RT: 11.569 min Scan# 1578

Delta R.T. -0.006 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

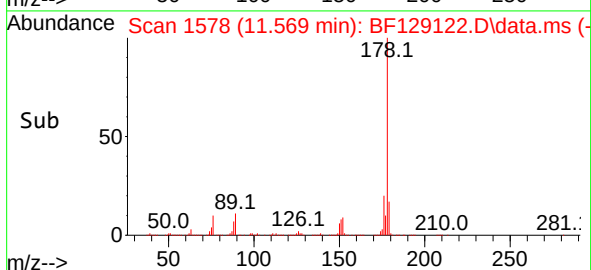
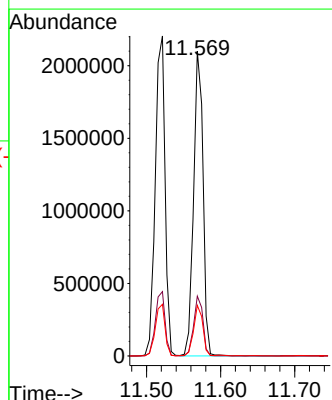
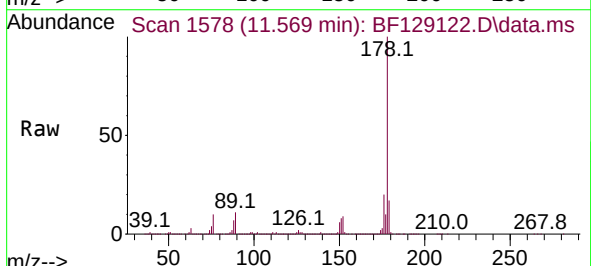
Tgt Ion:178 Resp: 1860736

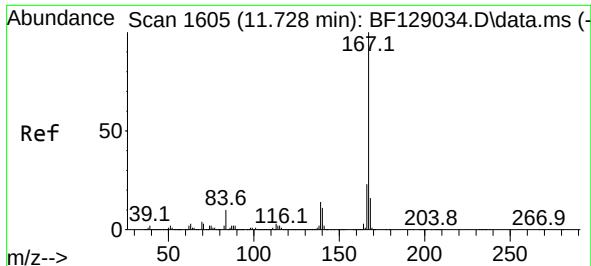
Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 16.6 12.6 19.0

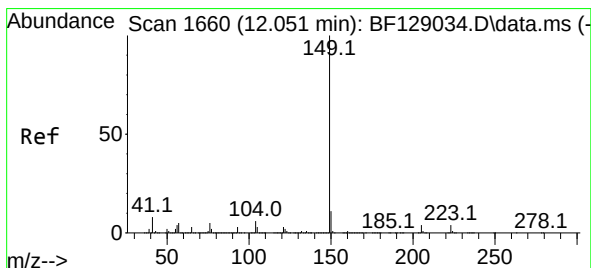
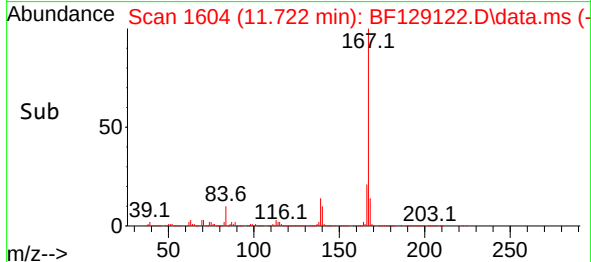
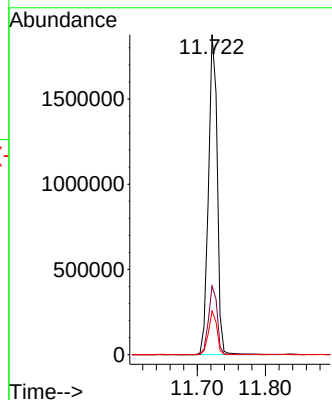
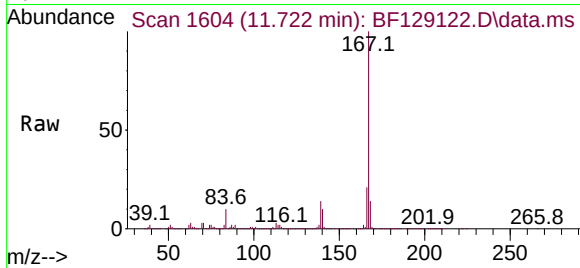




#73
 Carbazole
 Concen: 46.234 ng
 RT: 11.722 min Scan# 1604
 Delta R.T. -0.006 min
 Lab File: BF129122.D
 Acq: 05 Jul 2022 14:17

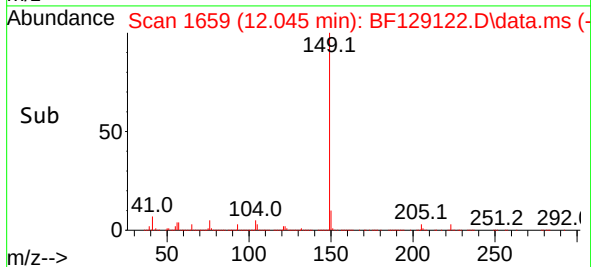
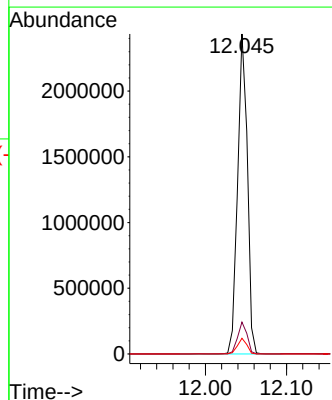
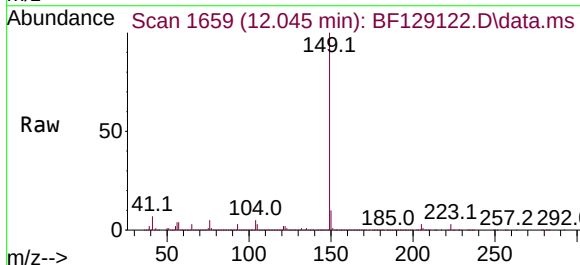
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200033MS

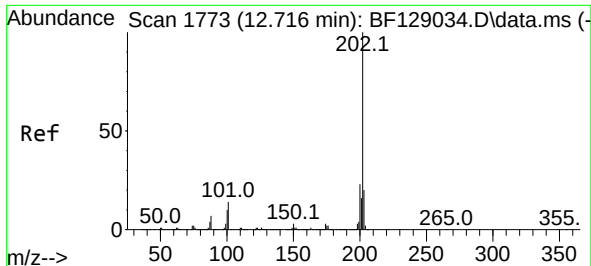
Tgt Ion:167 Resp: 1683940
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.7 26.5
 139 13.6 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 52.491 ng
 RT: 12.045 min Scan# 1659
 Delta R.T. -0.006 min
 Lab File: BF129122.D
 Acq: 05 Jul 2022 14:17

Tgt Ion:149 Resp: 2015799
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.5 11.3
 104 4.9 4.4 6.6

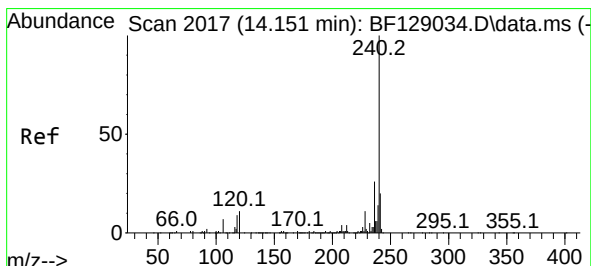
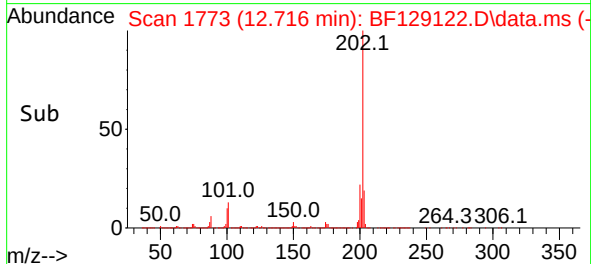
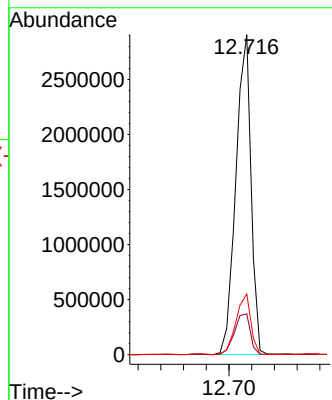
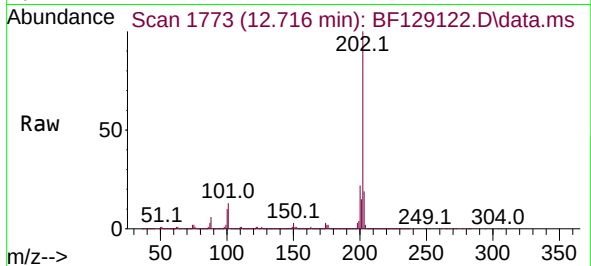




#75
Fluoranthene
Concen: 69.660 ng
RT: 12.716 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

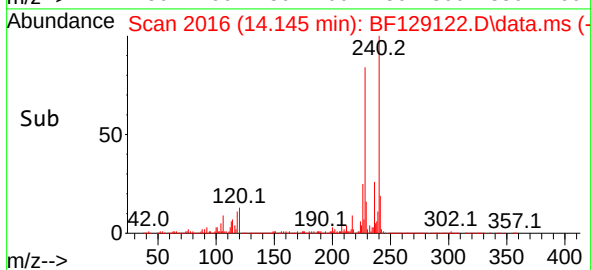
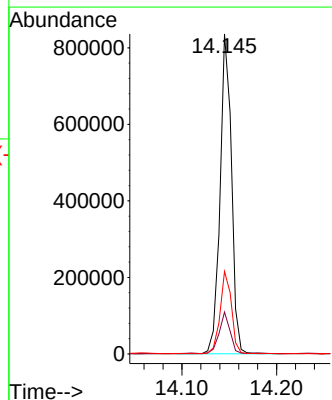
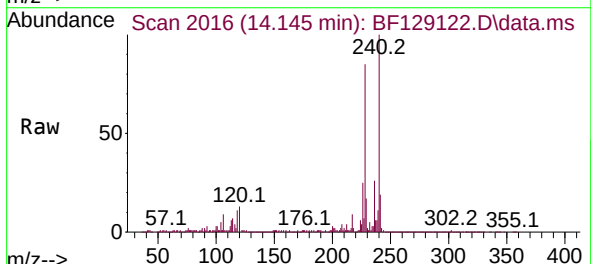
Instrument :
BNA_F
ClientSampleId :
RBR-200033MS

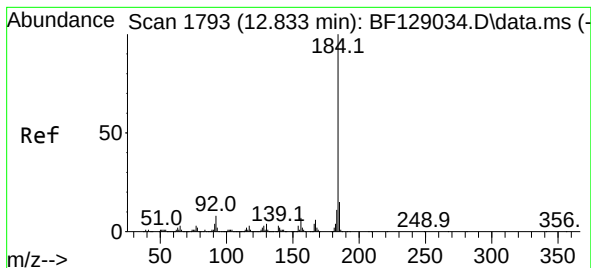
Tgt Ion:202 Resp: 2685823
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.4
203 19.0 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion:240 Resp: 698644
Ion Ratio Lower Upper
240 100
120 13.1 8.9 13.3
236 25.8 20.8 31.2





#77

Benzidine

Concen: 81.723 ng

RT: 12.833 min Scan# 1793

Delta R.T. -0.000 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

Instrument :

BNA_F

ClientSampleId :

RBR-200033MS

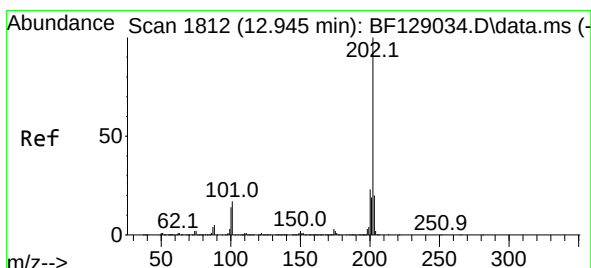
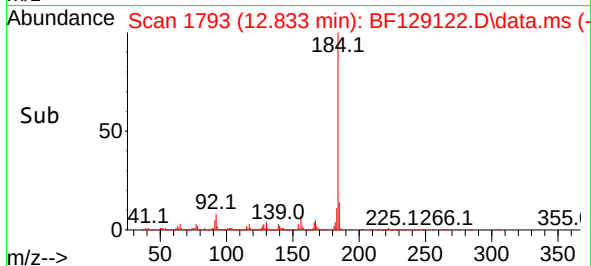
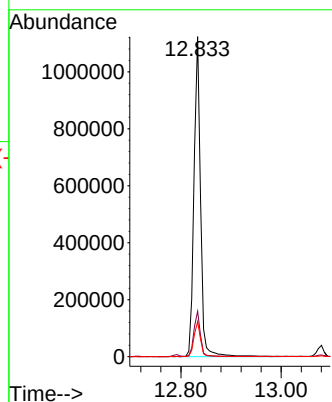
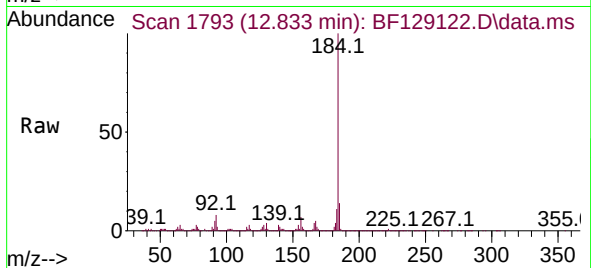
Tgt Ion:184 Resp: 1016656

Ion Ratio Lower Upper

184 100

185 14.2 11.9 17.9

183 11.0 9.3 13.9



#78

Pyrene

Concen: 55.224 ng

RT: 12.945 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

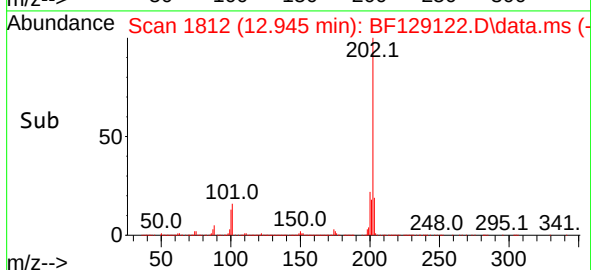
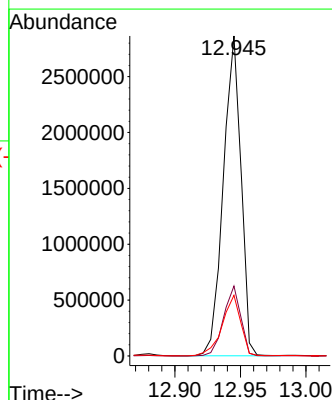
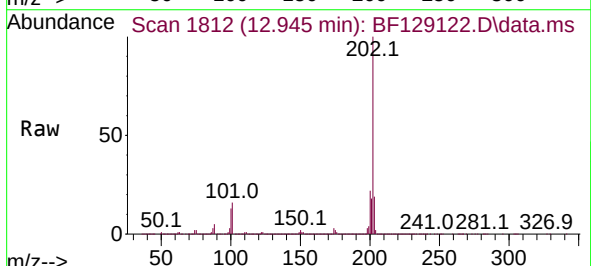
Tgt Ion:202 Resp: 2674328

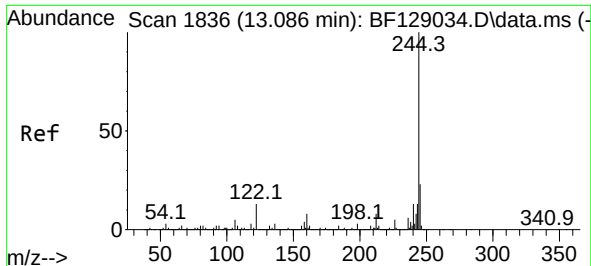
Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

203 19.0 14.6 21.8

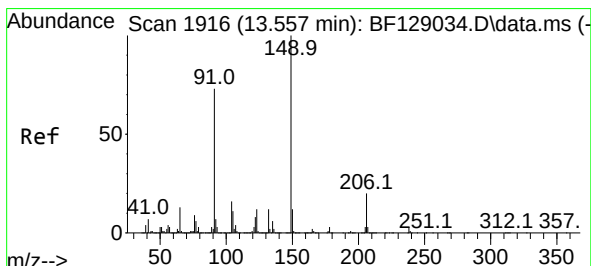
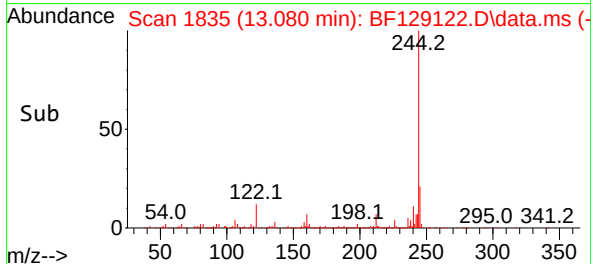
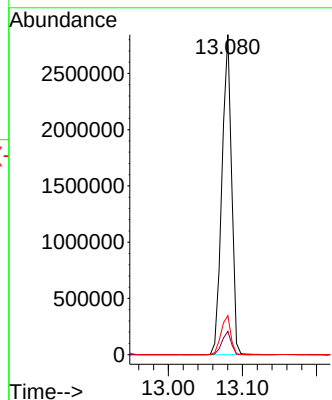
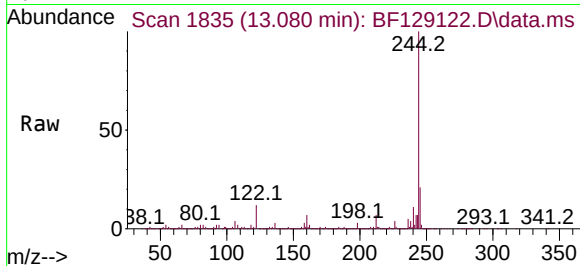




#79
 Terphenyl-d14
 Concen: 76.415 ng
 RT: 13.080 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF129122.D
 Acq: 05 Jul 2022 14:17

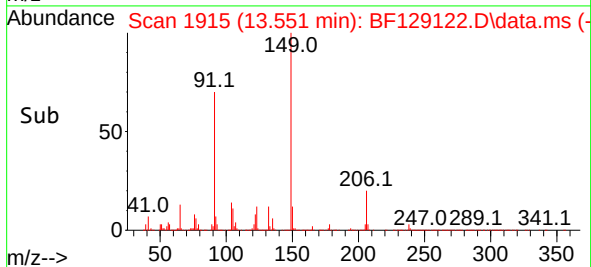
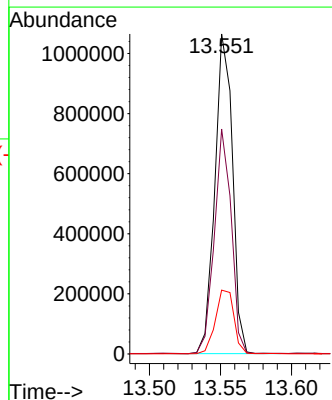
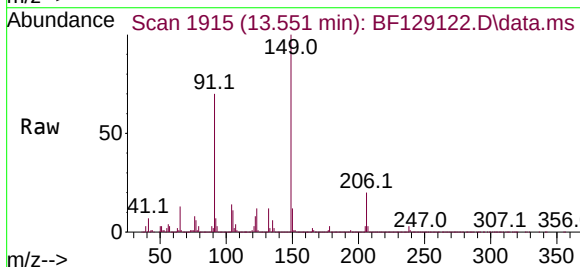
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200033MS

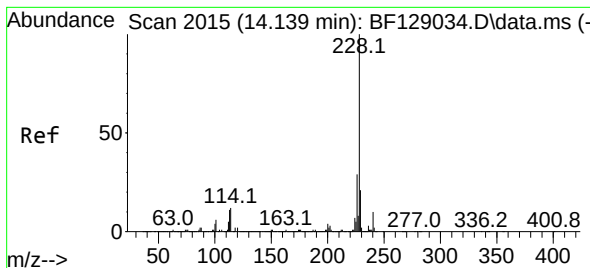
Tgt Ion:244 Resp: 2570829
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 12.2 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 46.486 ng
 RT: 13.551 min Scan# 1915
 Delta R.T. -0.006 min
 Lab File: BF129122.D
 Acq: 05 Jul 2022 14:17

Tgt Ion:149 Resp: 917104
 Ion Ratio Lower Upper
 149 100
 91 70.3 61.2 91.8
 206 20.0 15.7 23.5





#81

Benzo(a)anthracene

Concen: 57.638 ng

RT: 14.133 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

Instrument :

BNA_F

ClientSampleId :

RBR-200033MS

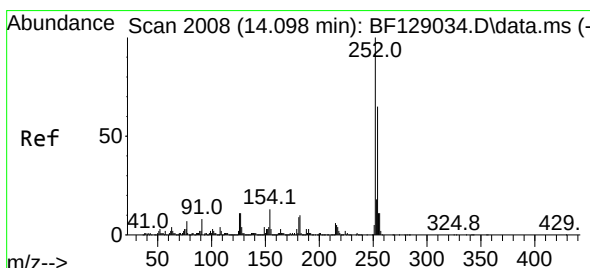
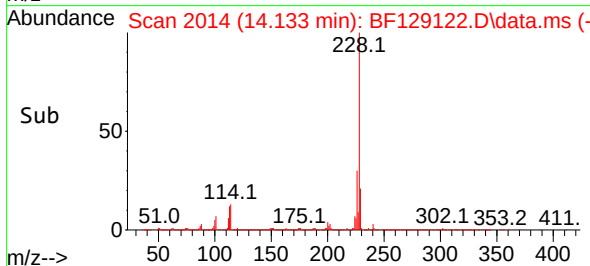
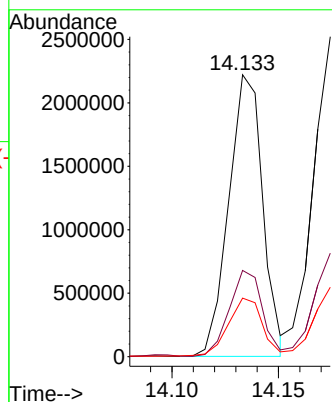
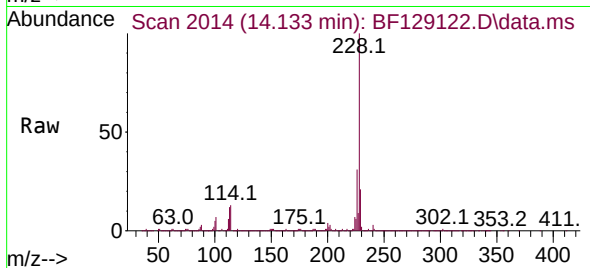
Tgt Ion:228 Resp: 2458715

Ion Ratio Lower Upper

228 100

226 30.6 22.1 33.1

229 20.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 72.631 ng

RT: 14.092 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

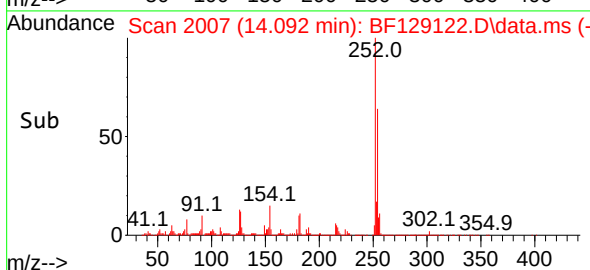
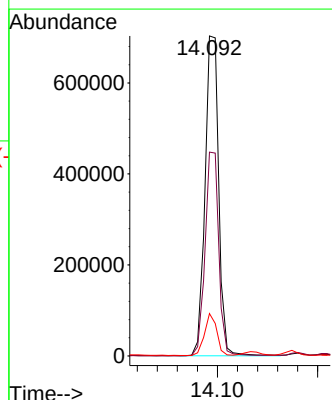
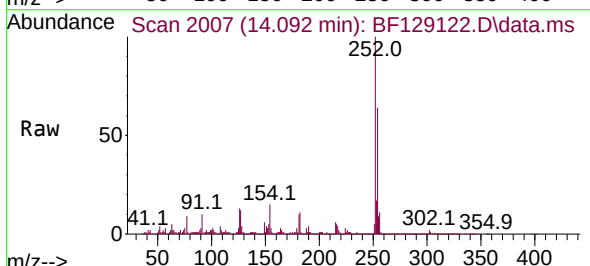
Tgt Ion:252 Resp: 669466

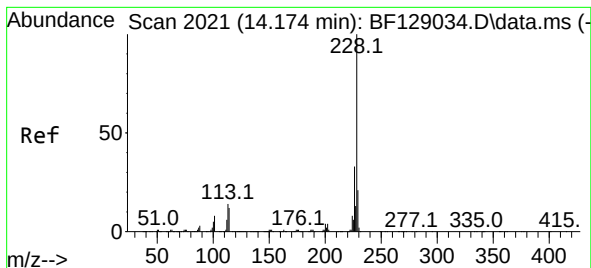
Ion Ratio Lower Upper

252 100

254 63.7 50.2 75.4

126 13.2 8.2 12.4#





#83

Chrysene

Concen: 58.345 ng

RT: 14.174 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

Instrument :

BNA_F

ClientSampleId :

RBR-200033MS

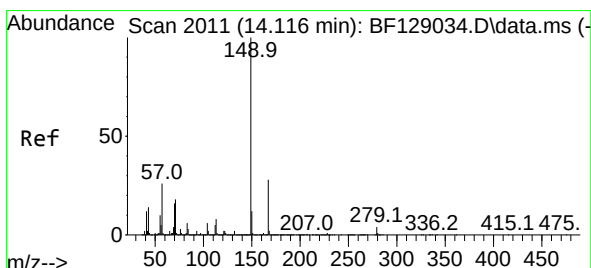
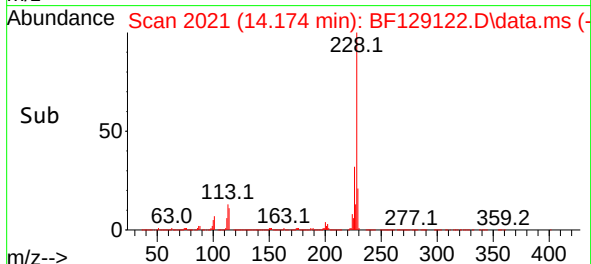
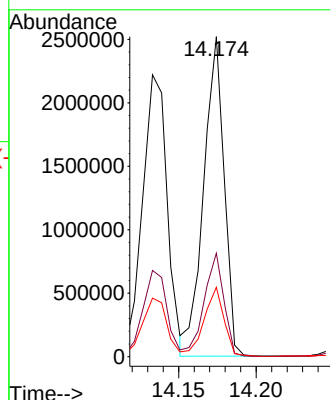
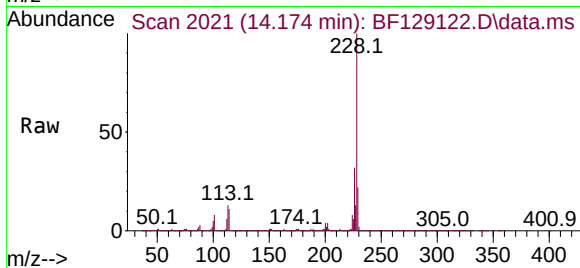
Tgt Ion:228 Resp: 2310597

Ion Ratio Lower Upper

228 100

226 32.3 24.3 36.5

229 21.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 81.017 ng

RT: 14.110 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

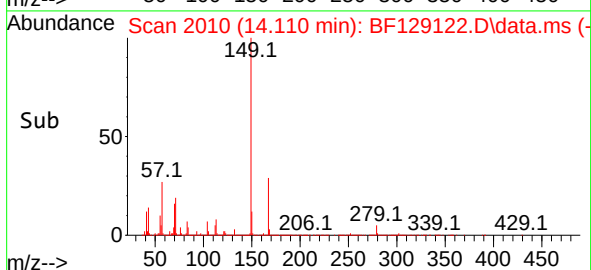
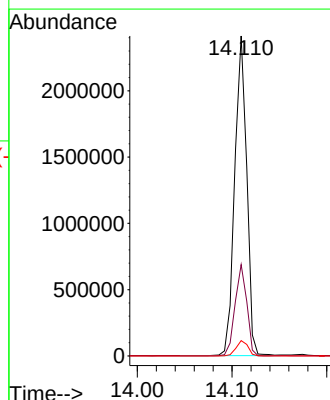
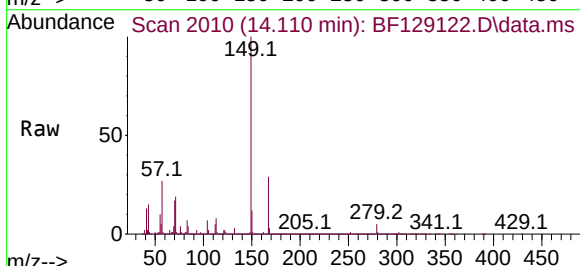
Tgt Ion:149 Resp: 2124178

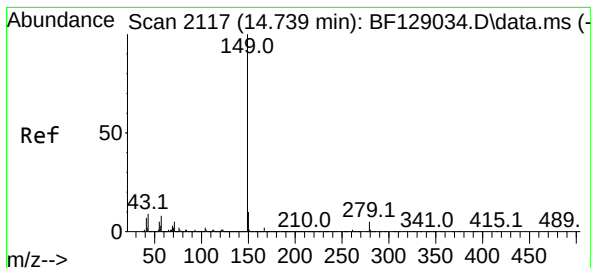
Ion Ratio Lower Upper

149 100

167 28.5 21.0 31.4

279 4.8 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 58.701 ng

RT: 14.727 min Scan# 2115

Delta R.T. -0.012 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

Instrument :

BNA_F

ClientSampleId :

RBR-200033MS

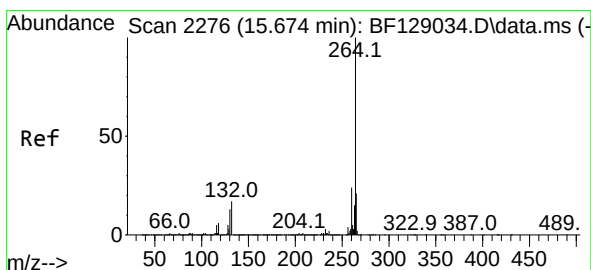
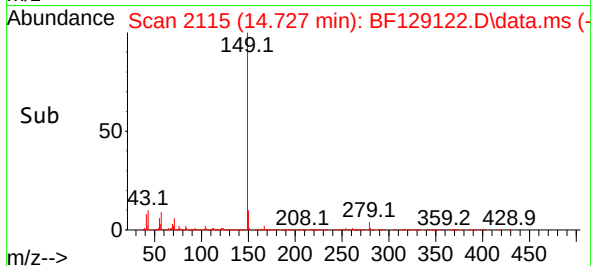
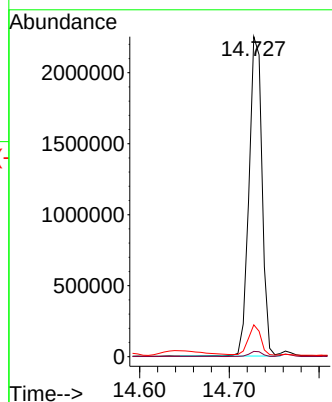
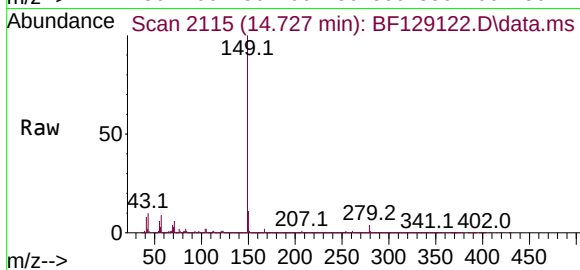
Tgt Ion:149 Resp: 2271990

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.2 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: BF129122.D

Acq: 05 Jul 2022 14:17

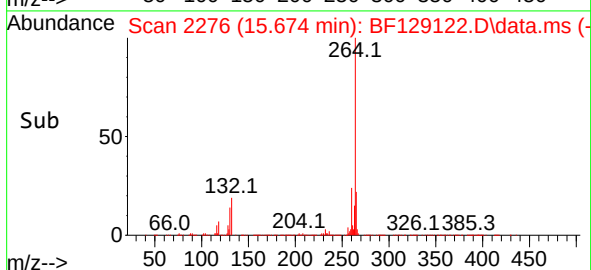
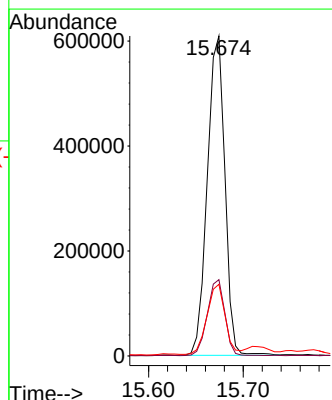
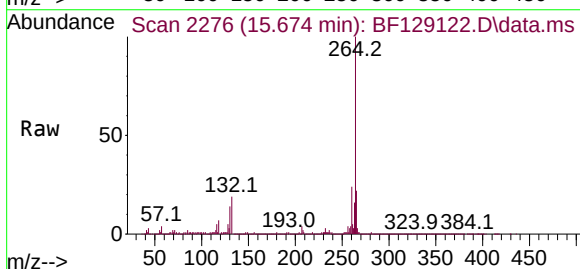
Tgt Ion:264 Resp: 782398

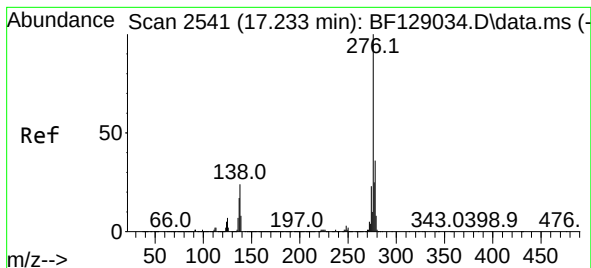
Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 22.4 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.863 ng

RT: 17.239 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

Instrument :

BNA_F

ClientSampleId :

RBR-200033MS

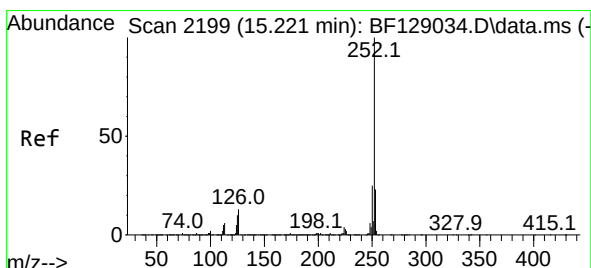
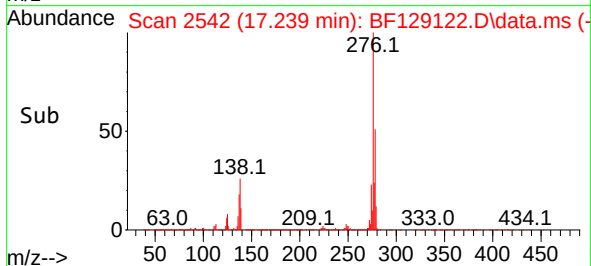
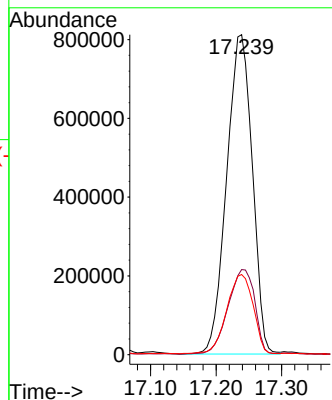
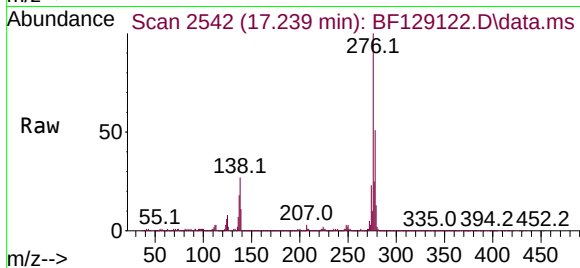
Tgt Ion:276 Resp: 2200813

Ion Ratio Lower Upper

276 100

138 27.7 21.1 31.7

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 68.014 ng

RT: 15.221 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF129122.D

Acq: 05 Jul 2022 14:17

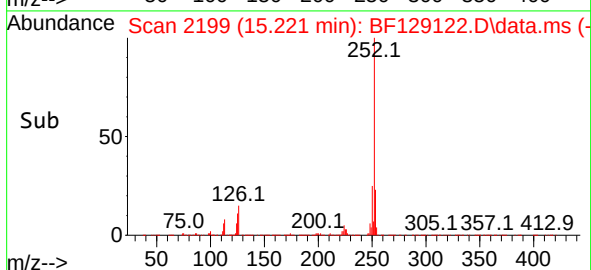
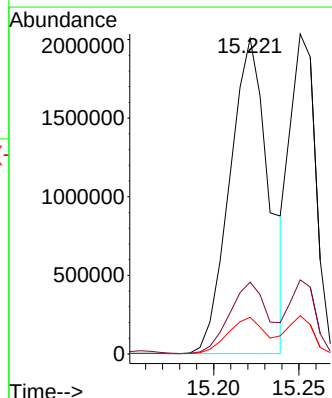
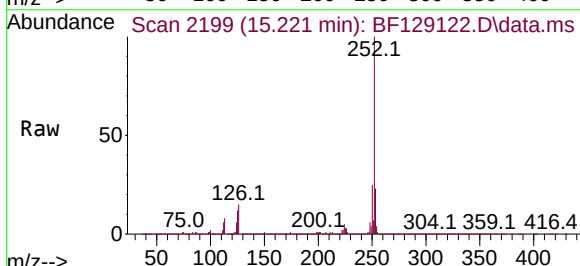
Tgt Ion:252 Resp: 3200292

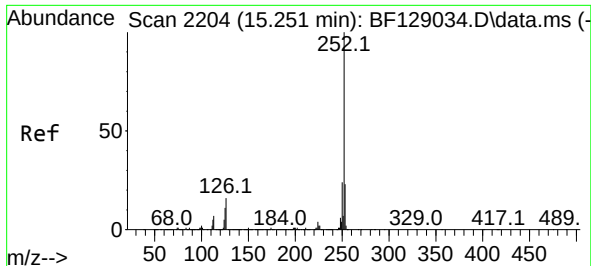
Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 11.6 8.0 12.0

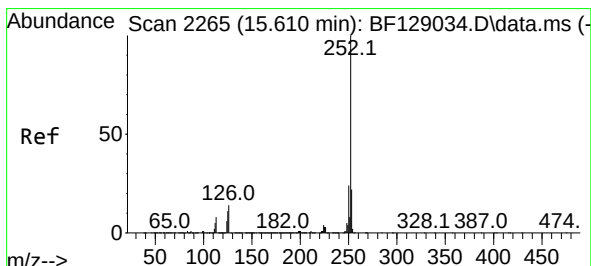
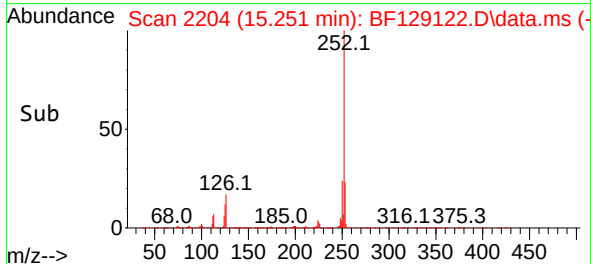
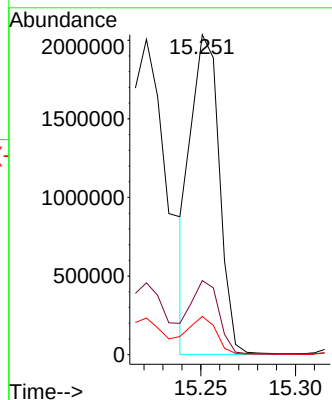
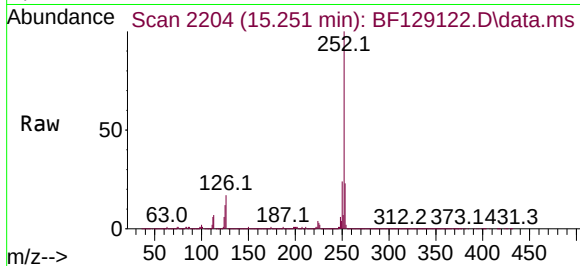




#89
Benzo(k)fluoranthene
Concen: 46.775 ng
RT: 15.251 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

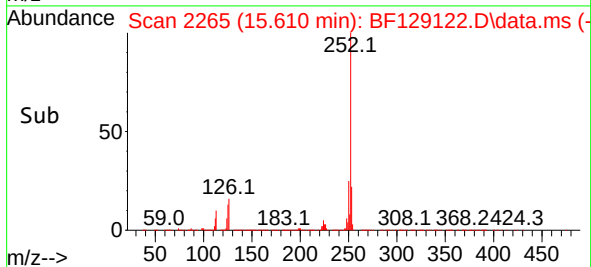
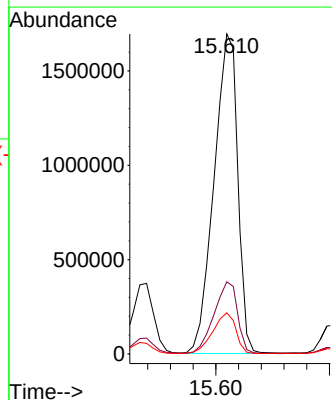
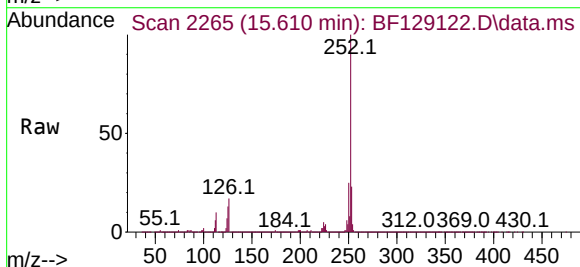
Instrument :
BNA_F
ClientSampleId :
RBR-200033MS

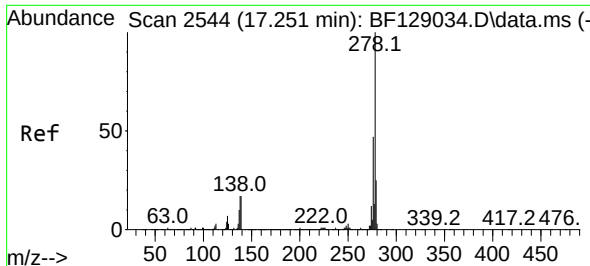
Tgt Ion:252 Resp: 2134698
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 12.0 8.3 12.5



#90
Benzo(a)pyrene
Concen: 64.081 ng
RT: 15.610 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion:252 Resp: 2458034
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 12.9 8.8 13.2

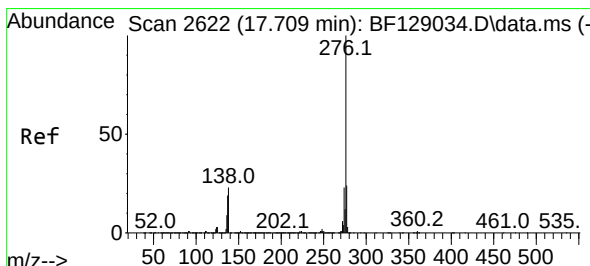
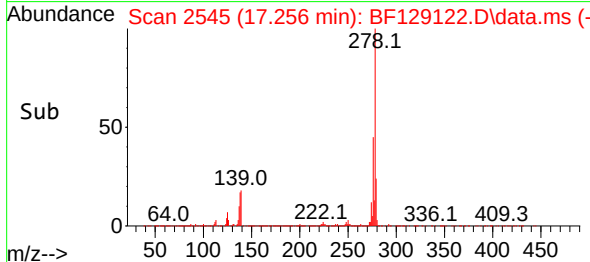
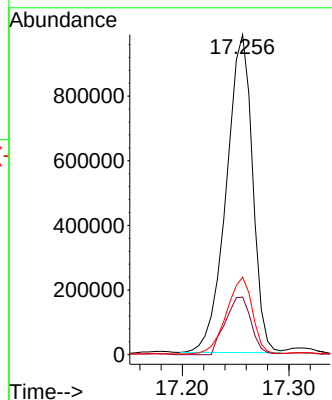
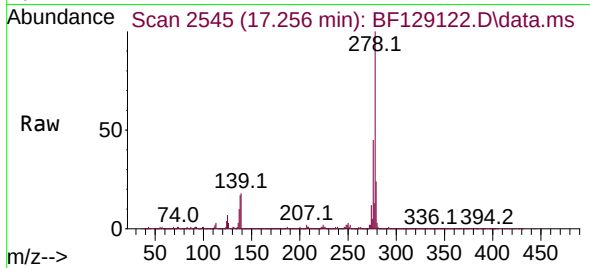




#91
Dibenzo(a,h)anthracene
Concen: 43.004 ng
RT: 17.256 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Instrument :
BNA_F
ClientSampleId :
RBR-200033MS

Tgt Ion:278 Resp: 1682221
Ion Ratio Lower Upper
278 100
139 18.0 12.8 19.2
279 24.2 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 44.051 ng
RT: 17.715 min Scan# 2623
Delta R.T. 0.006 min
Lab File: BF129122.D
Acq: 05 Jul 2022 14:17

Tgt Ion:276 Resp: 1728857
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 24.3 18.0 27.0

