

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129576.D
 Acq On : 04 Aug 2022 18:39
 Operator : CG\JU
 Sample : N3930-05MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-98MSD

Quant Time: Aug 05 02:09:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 02:05:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	197051	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	757896	20.000	ng	# 0.00
39) Acenaphthene-d10	9.898	164	371864	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	538220	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	306797	20.000	ng	0.00
86) Perylene-d12	15.510	264	320337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1090991	90.191	ng	0.01
7) Phenol-d6	6.510	99	1356874	89.242	ng	0.00
23) Nitrobenzene-d5	7.428	82	878961	63.308	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	307248	85.939	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1536186	63.905	ng	0.00
79) Terphenyl-d14	12.969	244	1114492	68.533	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	231714	42.456	ng	90
3) Pyridine	3.540	79	592309	39.080	ng	91
4) n-Nitrosodimethylamine	3.499	42	311256	46.767	ng	# 92
6) Aniline	6.528	93	490834	25.968	ng	# 20
8) 2-Chlorophenol	6.651	128	661432	50.049	ng	97
9) Benzaldehyde	6.410	77	304984	29.537	ng	97
10) Phenol	6.522	94	779127	48.120	ng	81
11) bis(2-Chloroethyl)ether	6.593	93	693319	53.994	ng	92
12) 1,3-Dichlorobenzene	6.798	146	685212	48.344	ng	99
13) 1,4-Dichlorobenzene	6.875	146	687457	47.691	ng	98
14) 1,2-Dichlorobenzene	7.028	146	657935	49.657	ng	98
15) Benzyl Alcohol	7.010	79	564156	51.160	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	840628	43.552	ng	# 39
17) 2-Methylphenol	7.128	107	508363	46.368	ng	# 89
18) Hexachloroethane	7.369	117	265419	48.900	ng	94
19) n-Nitroso-di-n-propyla...	7.275	70	442764	48.102	ng	94
20) 3+4-Methylphenols	7.281	107	632900	45.402	ng	92
22) Acetophenone	7.269	105	887068	50.272	ng	99
24) Nitrobenzene	7.445	77	685304	47.934	ng	99
25) Isophorone	7.687	82	1219172	48.989	ng	98
26) 2-Nitrophenol	7.763	139	351386	49.820	ng	93
27) 2,4-Dimethylphenol	7.804	122	546934	51.696	ng	100
28) bis(2-Chloroethoxy)met...	7.892	93	762094	52.788	ng	98
29) 2,4-Dichlorophenol	8.010	162	516571	47.306	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	537279	47.535	ng	95
31) Naphthalene	8.163	128	1792605	46.554	ng	100
32) Benzoic acid	7.951	122	327717	42.848	ng	99
33) 4-Chloroaniline	8.222	127	341027	21.572	ng	96
34) Hexachlorobutadiene	8.275	225	323882	50.411	ng	99
36) 4-Chloro-3-methylphenol	8.710	107	549375	47.435	ng	97
37) 2-Methylnaphthalene	8.857	142	1156129	46.202	ng	100
38) 1-Methylnaphthalene	8.957	142	1095161	45.337	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	493756	50.567	ng	97
41) Hexachlorocyclopentadiene	9.004	237	405928	93.360	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	334442	47.158	ng	96
44) 2,4,5-Trichlorophenol	9.187	196	346493	44.927	ng	# 92

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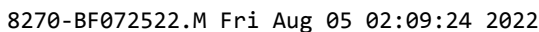
Instrument :
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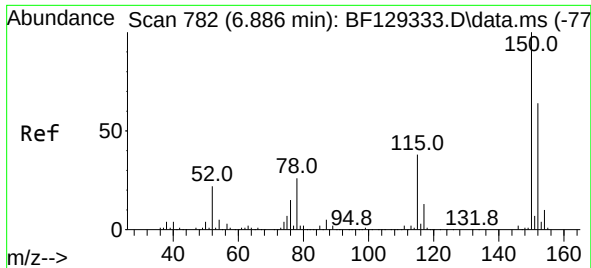
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 QLast Update : Fri Aug 05 02:05:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.322	154	1358558	50.060	ng	99
47) 2-Chloronaphthalene	9.345	162	1059966	48.314	ng	99
48) 2-Nitroaniline	9.451	65	335802	46.031	ng	87
49) Acenaphthylene	9.763	152	1549189	46.472	ng	99
50) Dimethylphthalate	9.622	163	1238234	48.235	ng	99
51) 2,6-Dinitrotoluene	9.692	165	269423	46.892	ng	94
52) Acenaphthene	9.934	154	933767	42.886	ng	99
53) 3-Nitroaniline	9.863	138	196435	28.953	ng	# 90
54) 2,4-Dinitrophenol	9.975	184	282194	96.208	ng	88
55) Dibenzofuran	10.110	168	1379839	45.972	ng	98
56) 4-Nitrophenol	10.045	139	356071	71.137	ng	97
57) 2,4-Dinitrotoluene	10.098	165	342878	45.681	ng	98
58) Fluorene	10.451	166	1086890	45.258	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	248160	41.637	ng	92
60) Diethylphthalate	10.322	149	1153643	46.488	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	506894	47.877	ng	93
62) 4-Nitroaniline	10.481	138	248610	36.938	ng	97
63) Azobenzene	10.598	77	1110627	43.879	ng	94
65) 4,6-Dinitro-2-methylph...	10.504	198	167248	49.232	ng	96
66) n-Nitrosodiphenylamine	10.563	169	932530	52.027	ng	97
67) 4-Bromophenyl-phenylether	10.928	248	312732	53.062	ng	92
68) Hexachlorobenzene	10.998	284	335949	52.607	ng	98
69) Atrazine	11.092	200	276966	50.873	ng	98
70) Pentachlorophenol	11.198	266	278731	80.289	ng	98
71) Phenanthrene	11.416	178	1379986	46.970	ng	99
72) Anthracene	11.469	178	1359529	47.088	ng	99
73) Carbazole	11.622	167	1205386	44.351	ng	99
74) Di-n-butylphthalate	11.939	149	1566252	48.391	ng	99
75) Fluoranthene	12.604	202	1208291	40.589	ng	99
77) Benzidine	12.722	184	147435	13.603	ng	98
78) Pyrene	12.833	202	1204029	46.931	ng	99
80) Butylbenzylphthalate	13.445	149	534890	48.067	ng	92
81) Benzo(a)anthracene	14.021	228	983549	46.931	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	250615	36.219	ng	99
83) Chrysene	14.063	228	914355	46.293	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	711924	48.595	ng	98
85) Di-n-octyl phthalate	14.610	149	1144137	54.271	ng	97
87) Indeno(1,2,3-cd)pyrene	17.015	276	1062216	49.241	ng	99
88) Benzo(b)fluoranthene	15.080	252	978888	46.068	ng	99
89) Benzo(k)fluoranthene	15.110	252	960766	46.139	ng	99
90) Benzo(a)pyrene	15.451	252	863472	50.058	ng	98
91) Dibenzo(a,h)anthracene	17.027	278	918313	52.303	ng	99
92) Benzo(g,h,i)perylene	17.480	276	910535	50.752	ng	98

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

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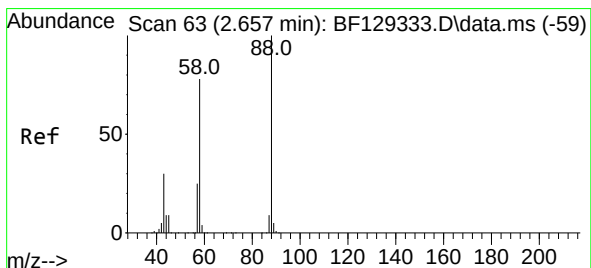
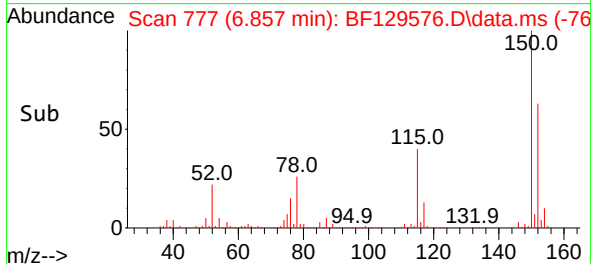
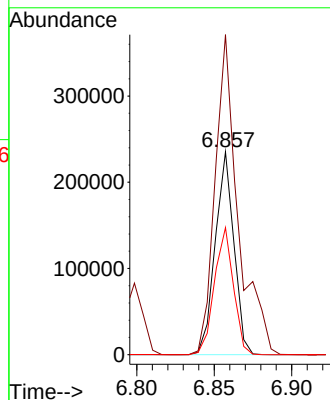
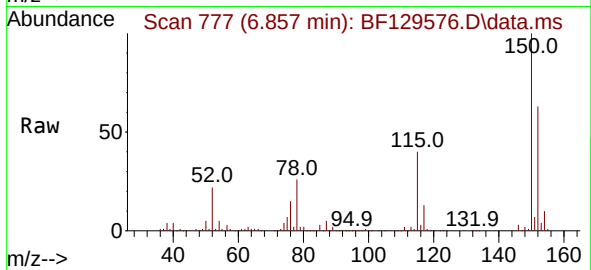




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129576.D
 Acq: 04 Aug 2022 18:39

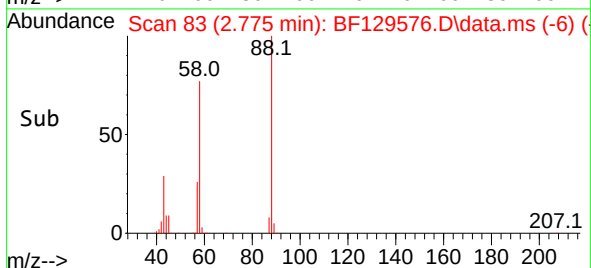
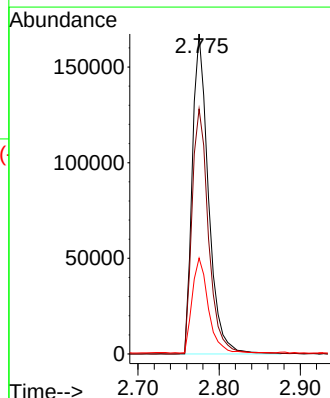
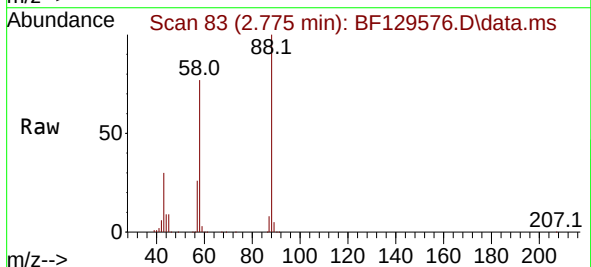
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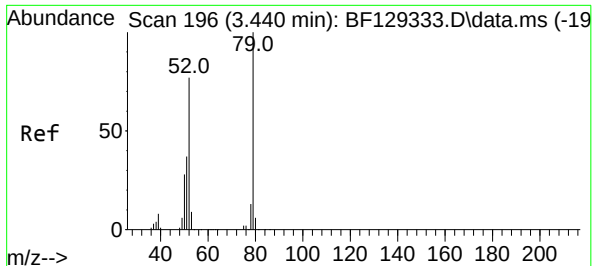
Tgt Ion:152 Resp: 197051
 Ion Ratio Lower Upper
 152 100
 150 157.7 123.7 185.5
 115 62.6 49.9 74.9



#2
 1,4-Dioxane
 Concen: 42.456 ng
 RT: 2.775 min Scan# 83
 Delta R.T. 0.153 min
 Lab File: BF129576.D
 Acq: 04 Aug 2022 18:39

Tgt Ion: 88 Resp: 231714
 Ion Ratio Lower Upper
 88 100
 58 78.4 71.8 107.8
 43 29.8 26.6 39.8

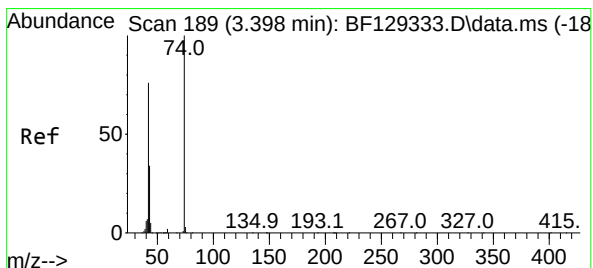
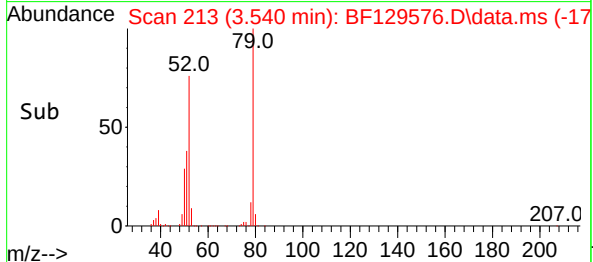
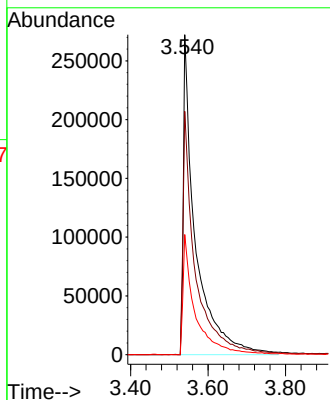
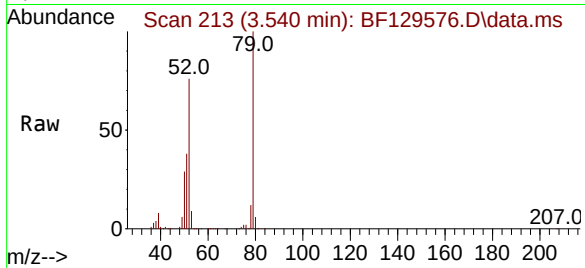




#3
Pyridine
Concen: 39.080 ng
RT: 3.540 min Scan# 213
Delta R.T. 0.129 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

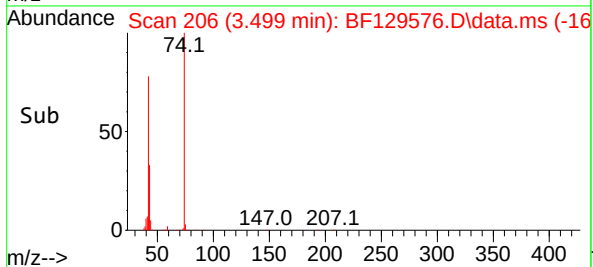
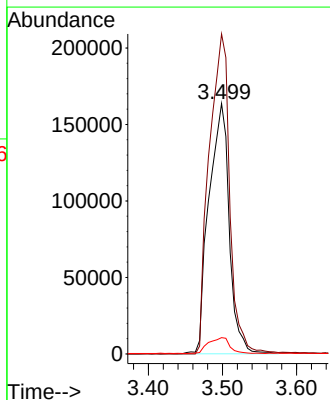
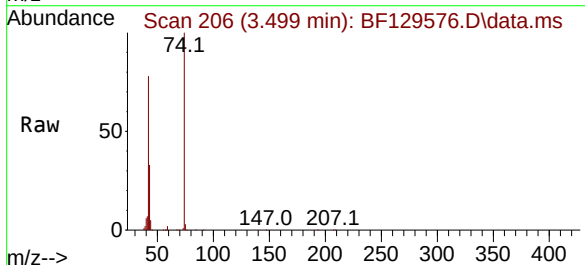
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

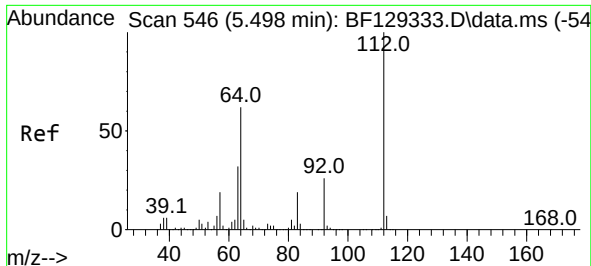
Tgt Ion: 79 Resp: 592309
Ion Ratio Lower Upper
79 100
52 76.0 68.6 102.8
51 37.6 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 46.767 ng
RT: 3.499 min Scan# 206
Delta R.T. 0.135 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion: 42 Resp: 311256
Ion Ratio Lower Upper
42 100
74 127.8 94.8 142.2
44 6.5 6.6 10.0#

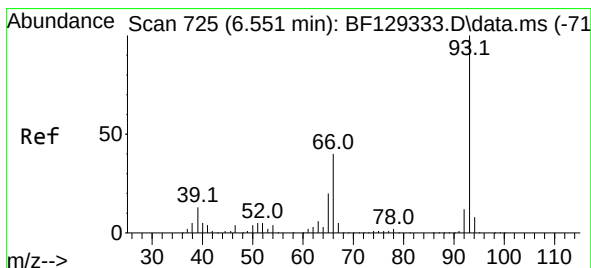
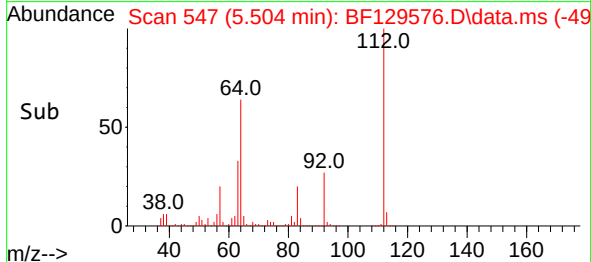
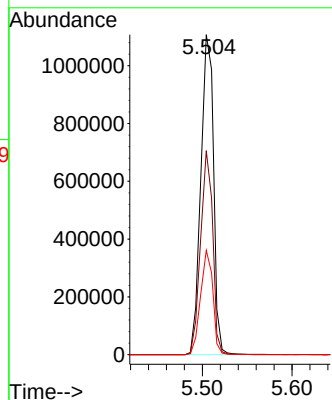
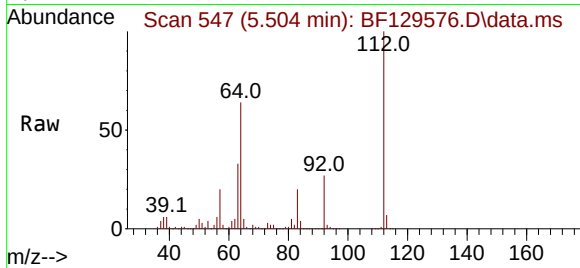




#5
2-Fluorophenol
Concen: 90.191 ng
RT: 5.504 min Scan# 546
Delta R.T. 0.012 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

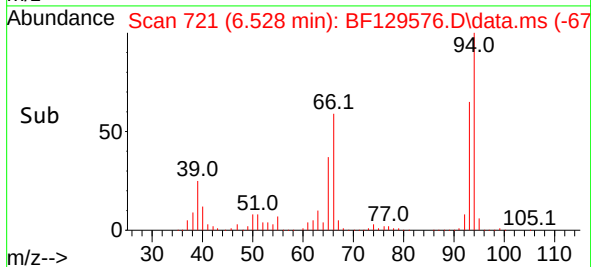
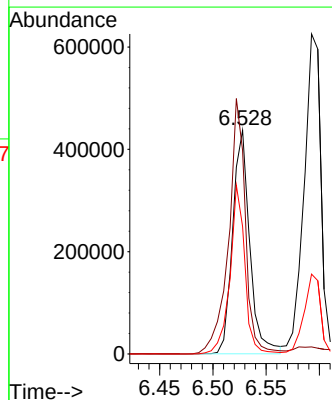
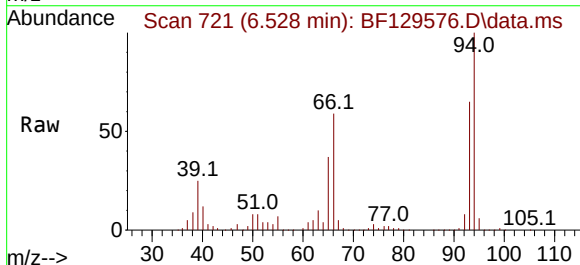
Instrument :
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ClientSampleId :
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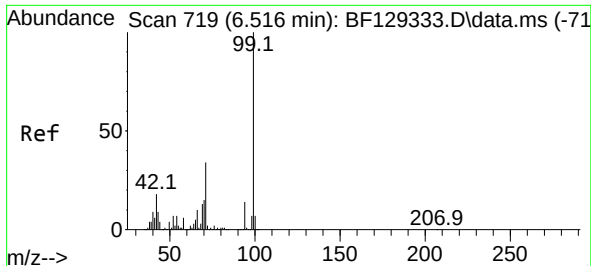
Tgt Ion:112 Resp: 1090991
Ion Ratio Lower Upper
112 100
64 63.8 53.3 79.9
63 32.6 28.0 42.0



#6
Aniline
Concen: 25.968 ng
RT: 6.528 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion: 93 Resp: 490834
Ion Ratio Lower Upper
93 100
66 90.9 32.5 48.7#
65 57.0 16.4 24.6#





#7

Phenol-d6

Concen: 89.242 ng

RT: 6.510 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

Instrument :

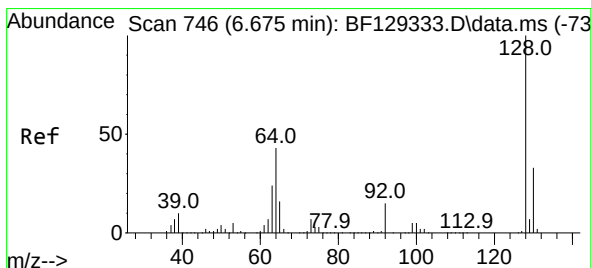
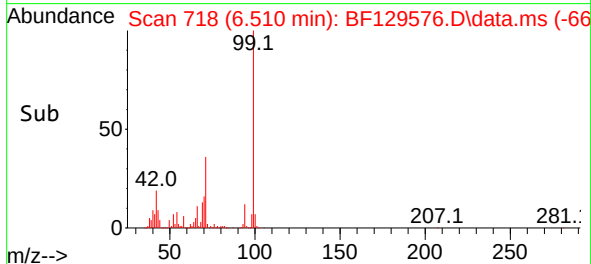
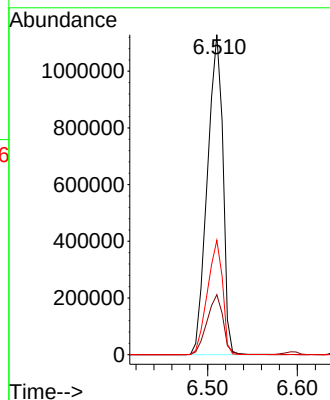
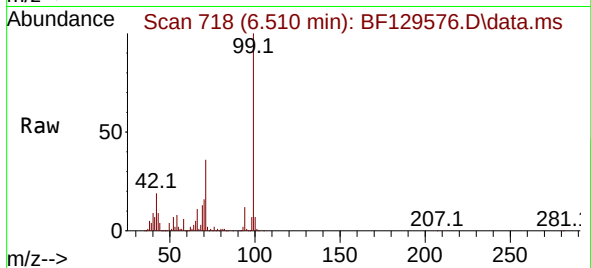
BNA_F

ClientSampleId :

RVE-98MSD

Tgt Ion: 99 Resp: 1356874

Ion	Ratio	Lower	Upper
99	100		
42	18.7	17.3	25.9
71	35.7	28.9	43.3



#8

2-Chlorophenol

Concen: 50.049 ng

RT: 6.651 min Scan# 742

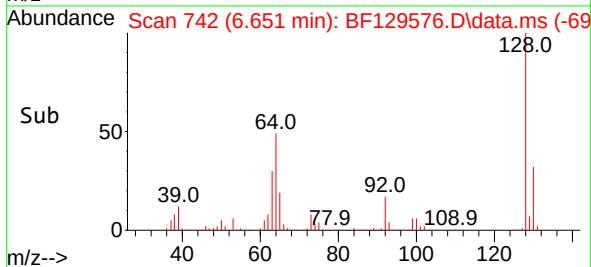
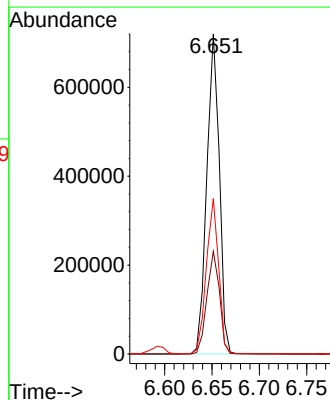
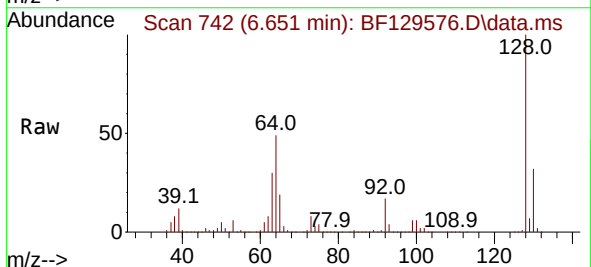
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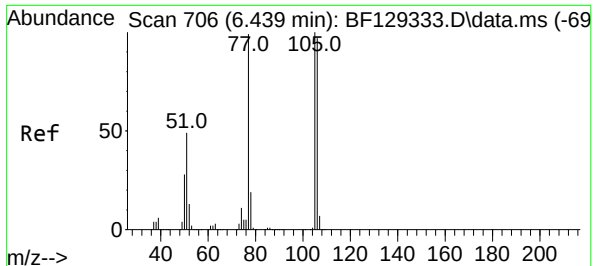
Lab File: BF129576.D

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Tgt Ion: 128 Resp: 661432

Ion	Ratio	Lower	Upper
128	100		
130	32.1	13.1	53.1
64	48.6	30.9	70.9

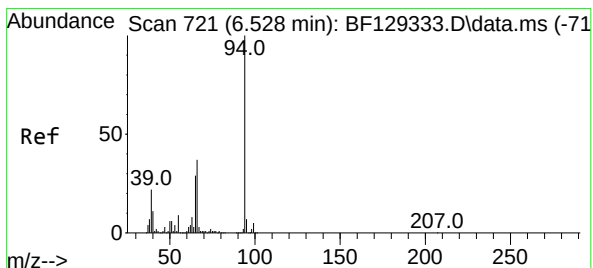
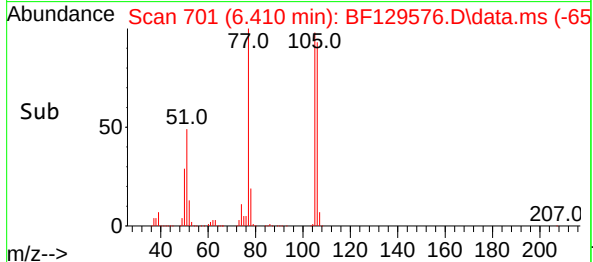
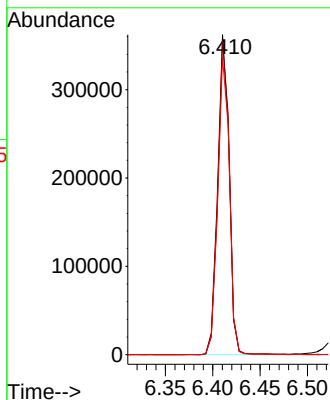
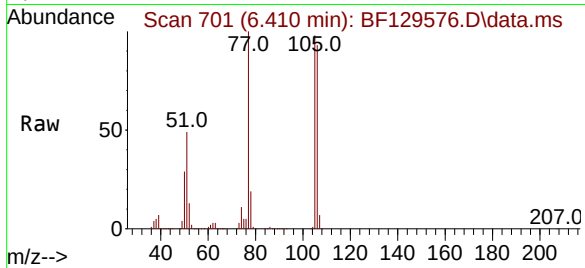




#9
Benzaldehyde
Concen: 29.537 ng
RT: 6.410 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

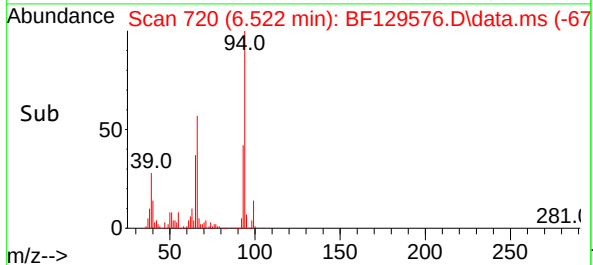
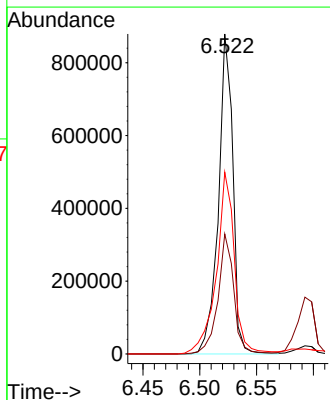
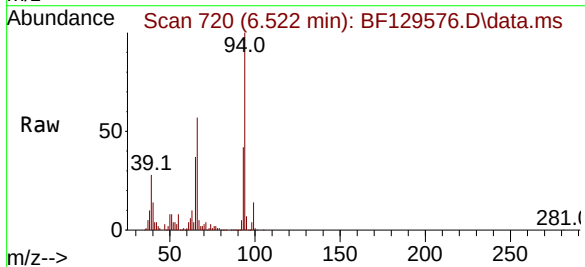
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

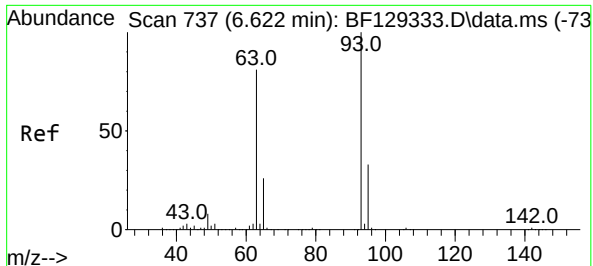
Tgt Ion: 77 Resp: 304984
Ion Ratio Lower Upper
77 100
105 98.1 81.6 121.6
106 93.0 76.1 116.1



#10
Phenol
Concen: 48.120 ng
RT: 6.522 min Scan# 720
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion: 94 Resp: 779127
Ion Ratio Lower Upper
94 100
65 37.5 11.4 51.4
66 56.8 21.4 61.4

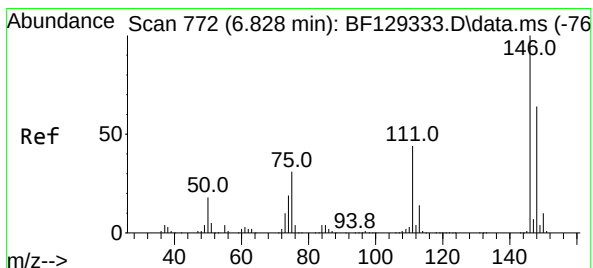
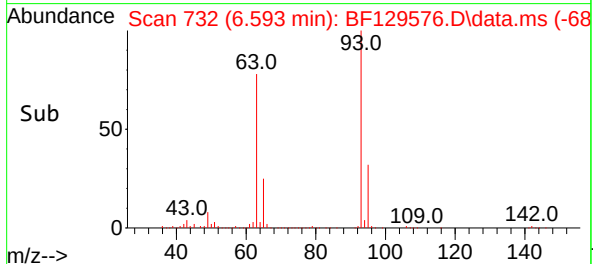
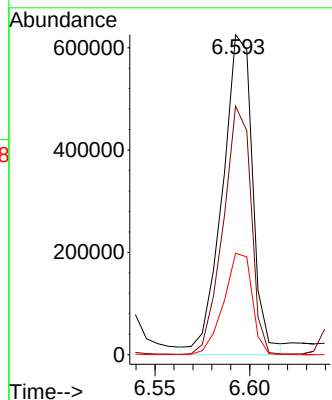
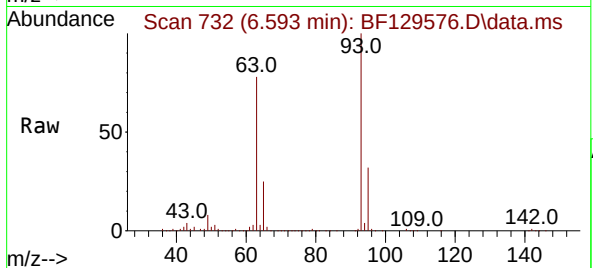




#11
bis(2-Chloroethyl)ether
Concen: 53.994 ng
RT: 6.593 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

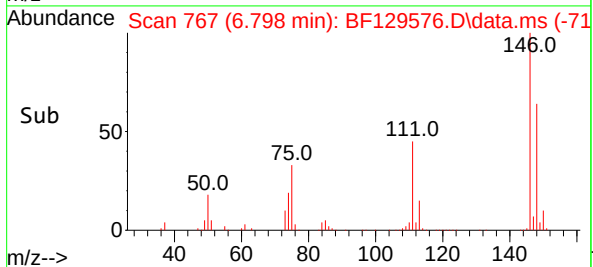
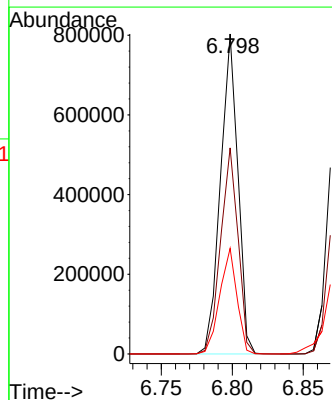
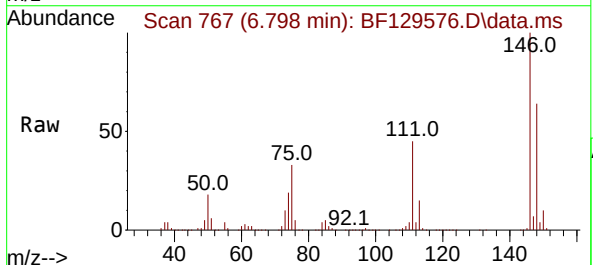
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

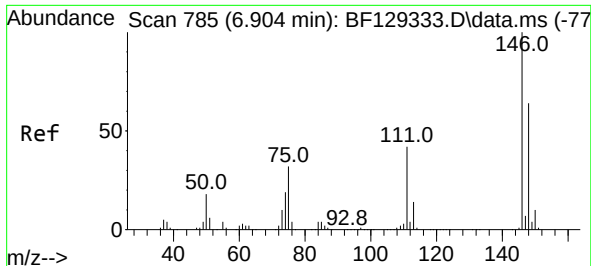
Tgt Ion: 93 Resp: 693319
Ion Ratio Lower Upper
93 100
63 77.7 67.4 107.4
95 31.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 48.344 ng
RT: 6.798 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion:146 Resp: 685212
Ion Ratio Lower Upper
146 100
148 64.4 50.6 75.8
75 33.0 26.3 39.5

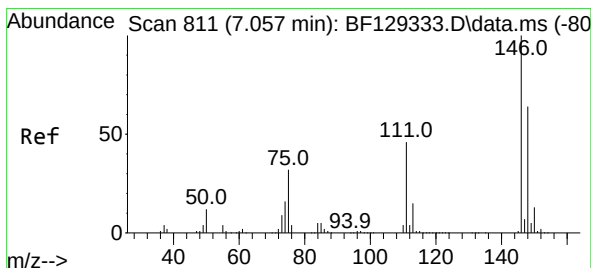
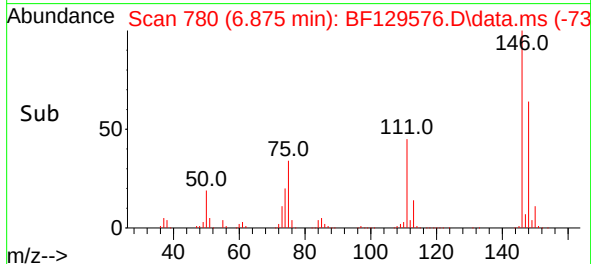
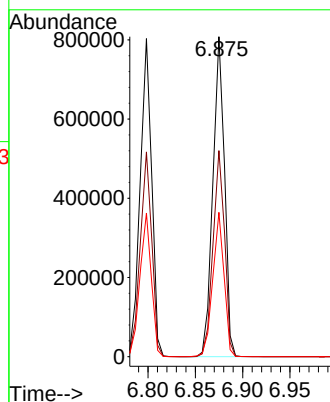
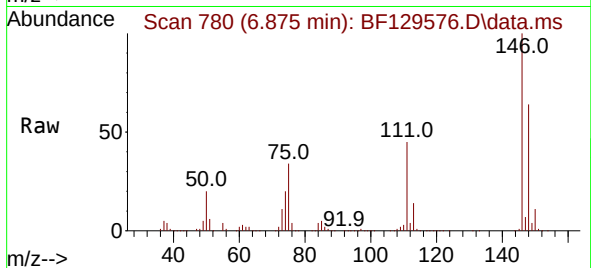




#13
1,4-Dichlorobenzene
Concen: 47.691 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

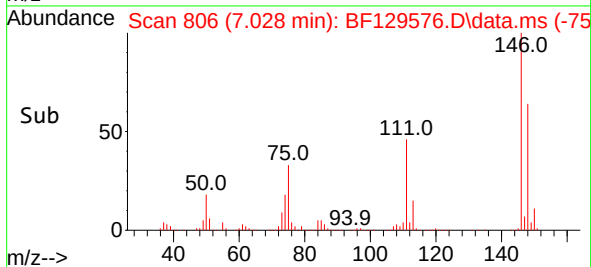
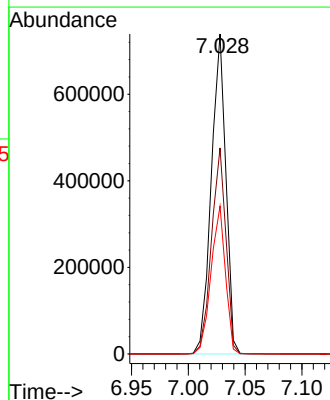
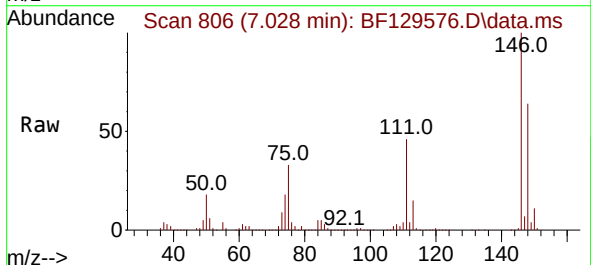
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

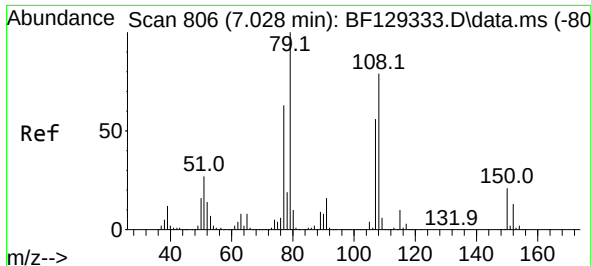
Tgt Ion:146 Resp: 687457
Ion Ratio Lower Upper
146 100
148 64.4 51.1 76.7
111 45.1 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 49.657 ng
RT: 7.028 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion:146 Resp: 657935
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
111 46.2 35.1 52.7

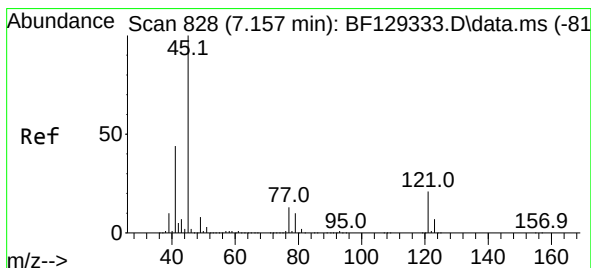
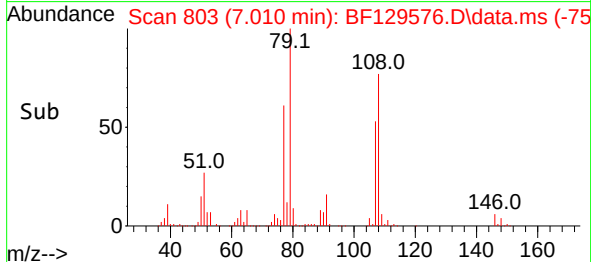
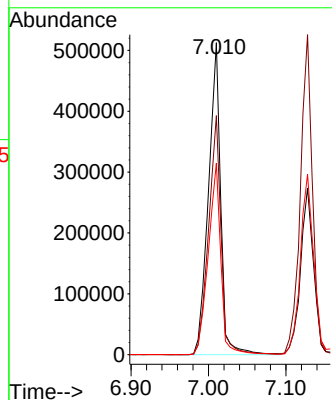
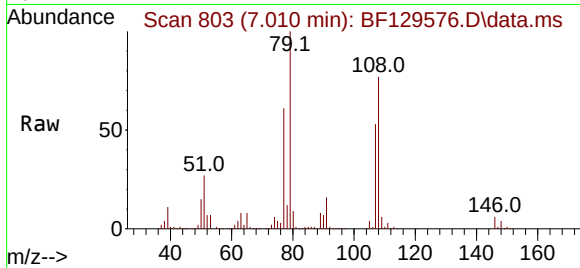




#15
Benzyl Alcohol
Concen: 51.160 ng
RT: 7.010 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

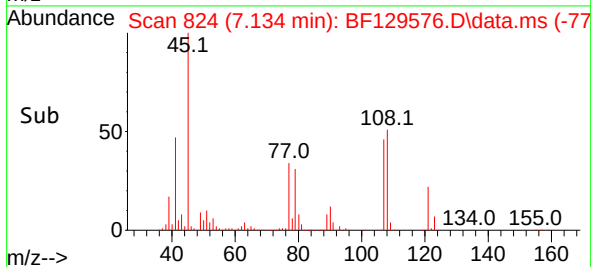
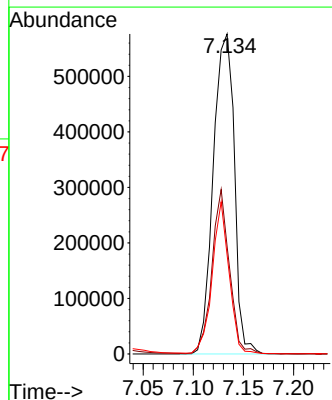
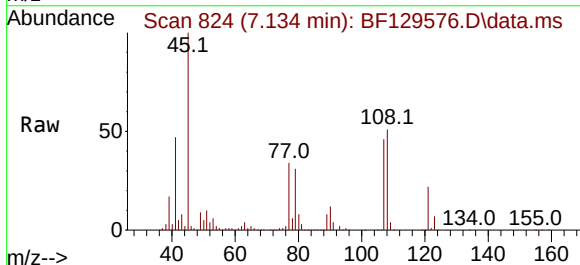
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

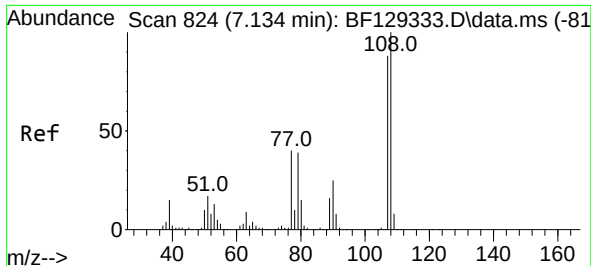
Tgt Ion: 79 Resp: 564156
Ion Ratio Lower Upper
79 100
108 76.6 61.8 92.6
77 61.4 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.552 ng
RT: 7.134 min Scan# 824
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion: 45 Resp: 840628
Ion Ratio Lower Upper
45 100
77 33.7 0.0 31.3#
79 31.0 0.0 28.3#

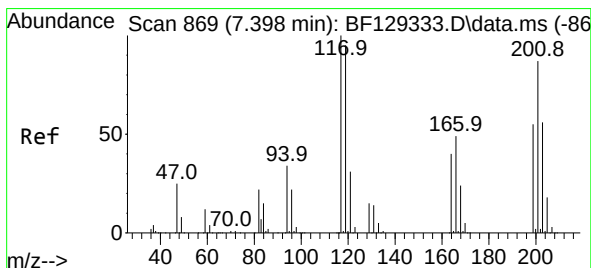
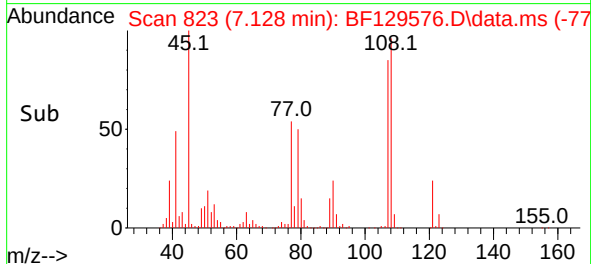
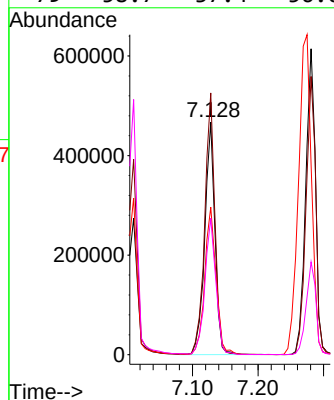
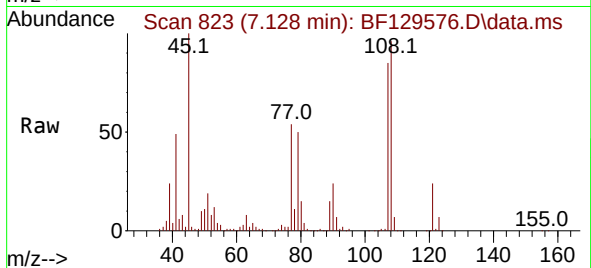




#17
2-Methylphenol
Concen: 46.368 ng
RT: 7.128 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

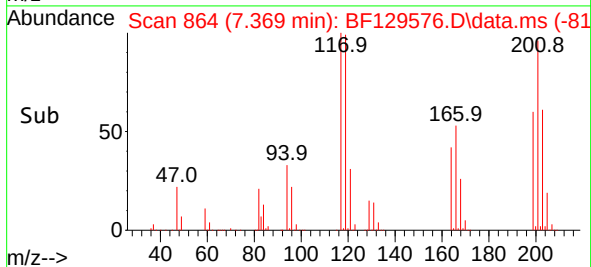
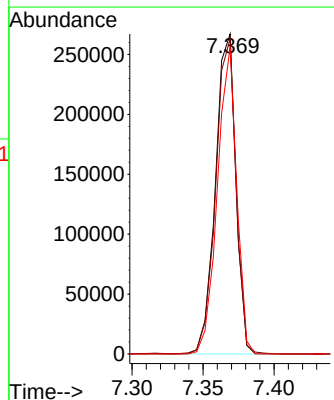
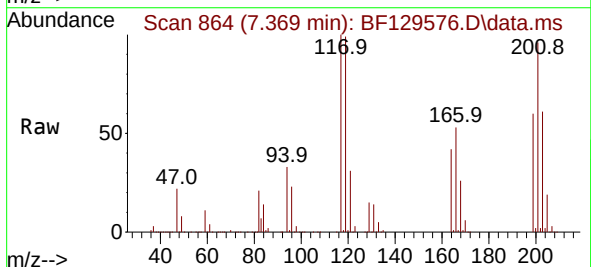
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

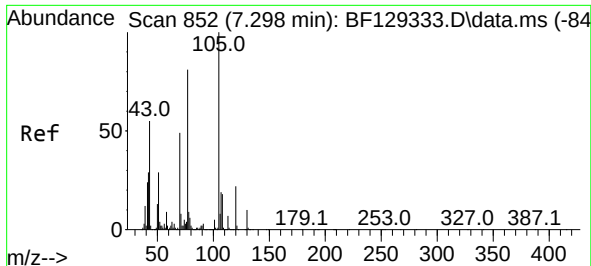
Tgt Ion:107 Resp: 508363
Ion Ratio Lower Upper
107 100
108 112.6 91.9 137.9
77 63.5 37.8 56.8#
79 58.7 37.4 56.0#



#18
Hexachloroethane
Concen: 48.900 ng
RT: 7.369 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion:117 Resp: 265419
Ion Ratio Lower Upper
117 100
119 98.6 77.4 116.2
201 95.9 84.6 127.0



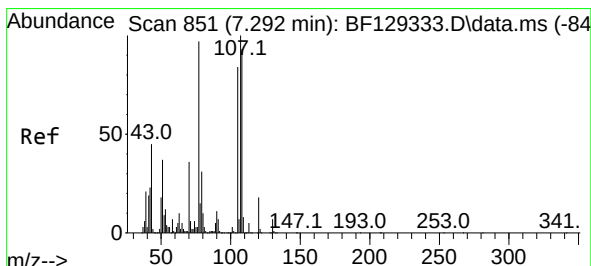
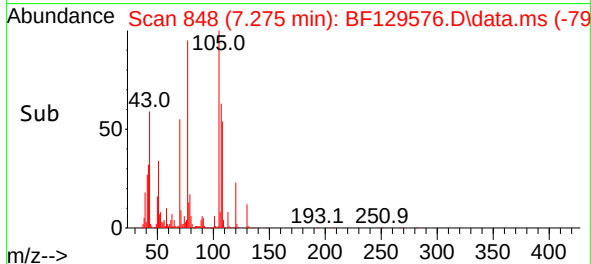
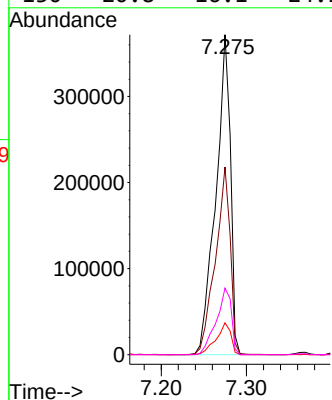
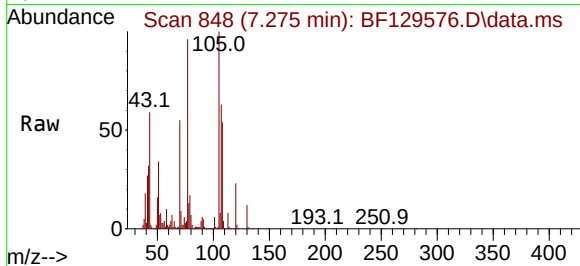


#19
n-Nitroso-di-n-propylamine
Concen: 48.102 ng
RT: 7.275 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

Tgt Ion: 70 Resp: 442764

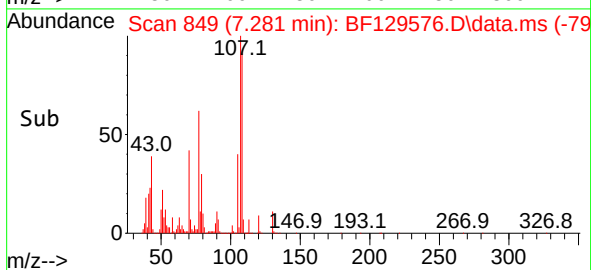
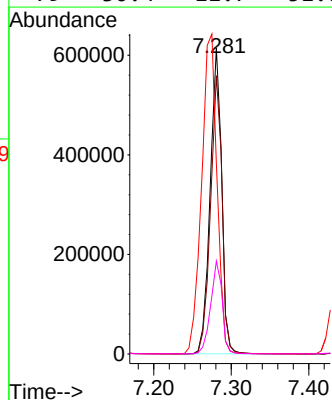
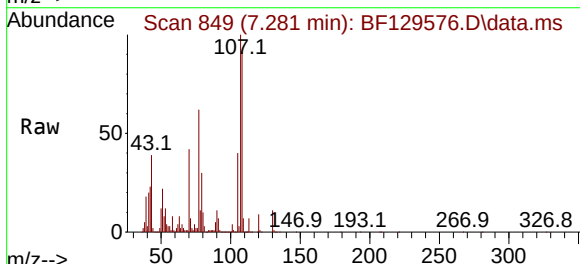
Ion	Ratio	Lower	Upper
70	100		
42	58.6	52.3	78.5
101	10.0	7.5	11.3
130	20.8	16.1	24.1

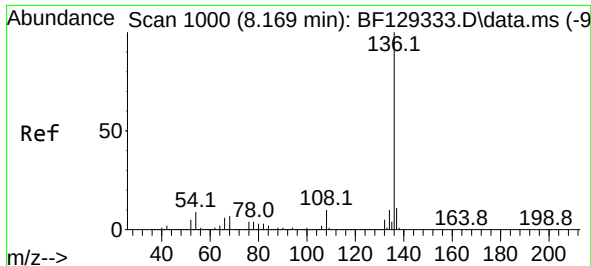


#20
3+4-Methylphenols
Concen: 45.402 ng
RT: 7.281 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion: 107 Resp: 632900

Ion	Ratio	Lower	Upper
107	100		
108	90.9	71.8	111.8
77	62.2	59.3	99.3
79	30.4	11.7	51.7

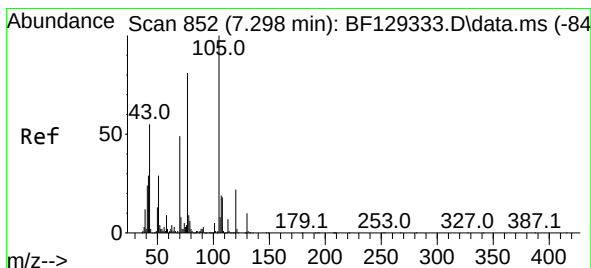
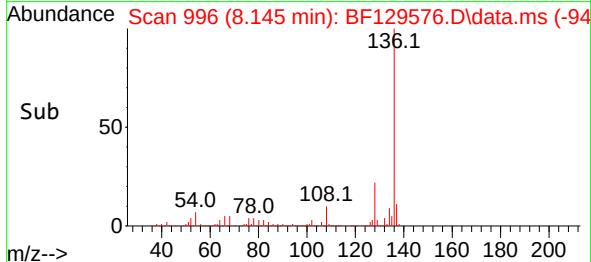
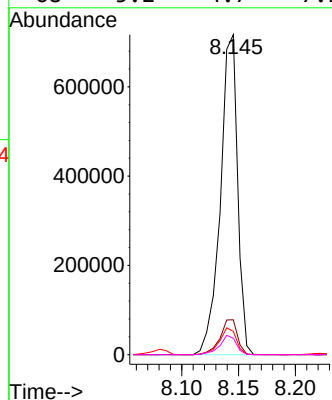
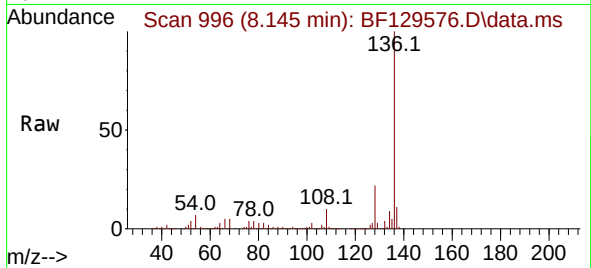




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

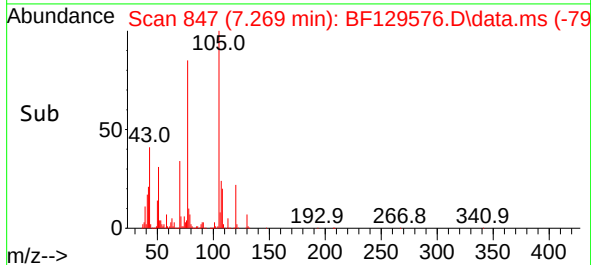
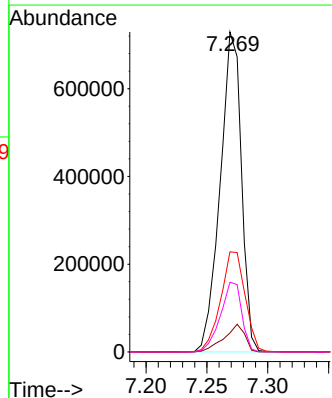
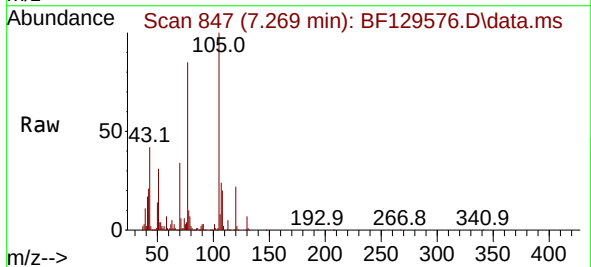
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

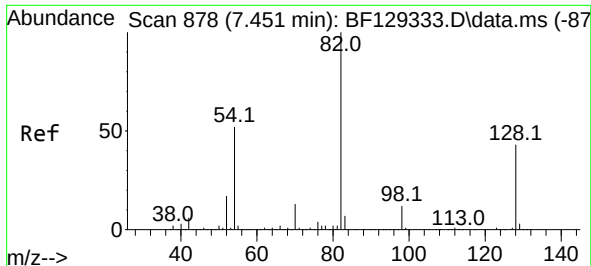
Tgt Ion:136 Resp: 757896
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.3 7.5 11.3#
68 5.2 4.7 7.1



#22
Acetophenone
Concen: 50.272 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion:105 Resp: 887068
Ion Ratio Lower Upper
105 100
71 5.9 5.0 7.4
51 31.3 25.0 37.4
120 21.8 17.8 26.8





#23

Nitrobenzene-d5

Concen: 63.308 ng

RT: 7.428 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

Instrument :

BNA_F

ClientSampleId :

RVE-98MSD

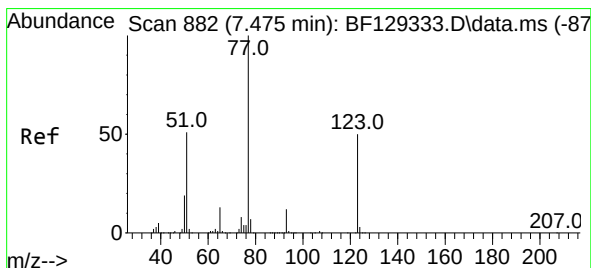
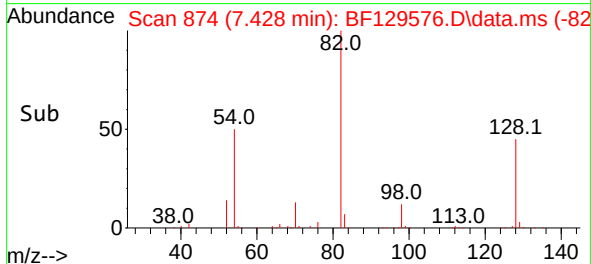
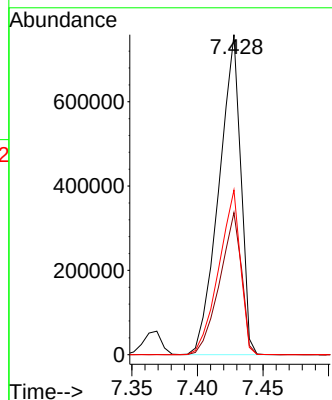
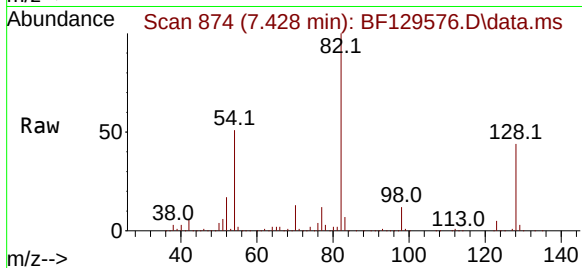
Tgt Ion: 82 Resp: 878961

Ion Ratio Lower Upper

82 100

128 44.4 34.0 51.0

54 51.4 46.9 70.3



#24

Nitrobenzene

Concen: 47.934 ng

RT: 7.445 min Scan# 877

Delta R.T. -0.006 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

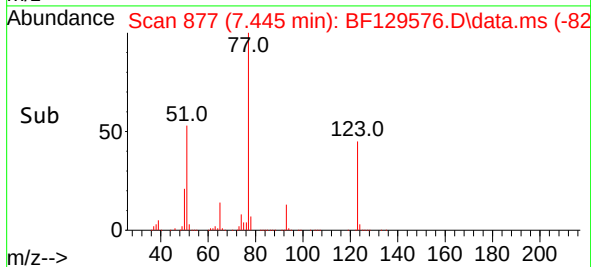
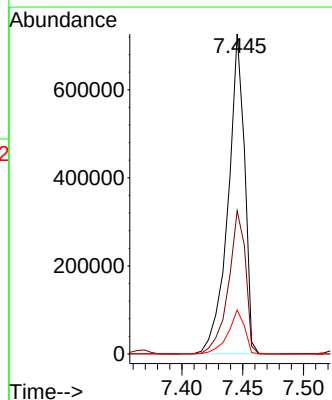
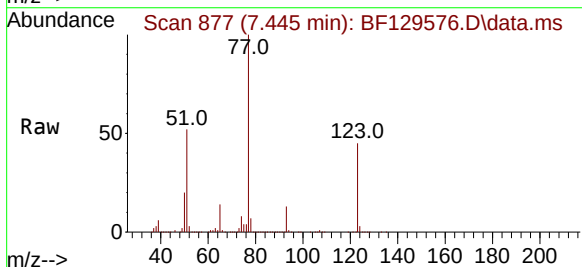
Tgt Ion: 77 Resp: 685304

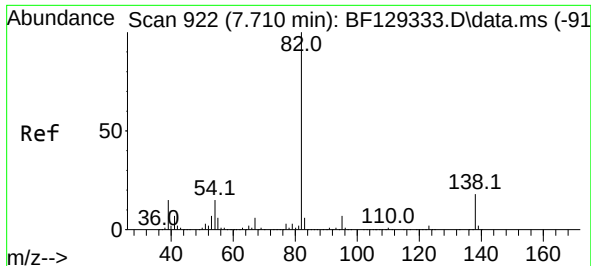
Ion Ratio Lower Upper

77 100

123 44.8 35.4 53.2

65 13.8 11.8 17.8

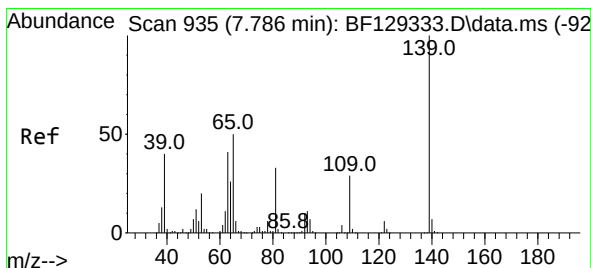
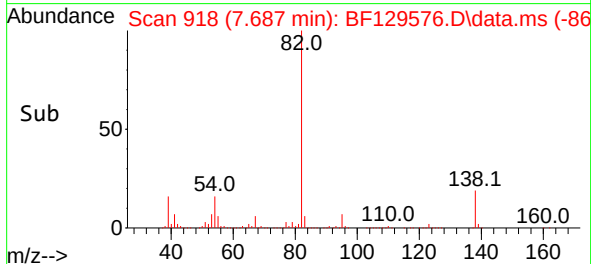
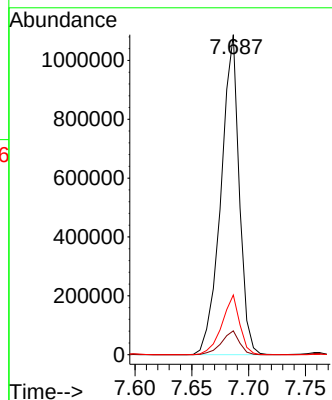
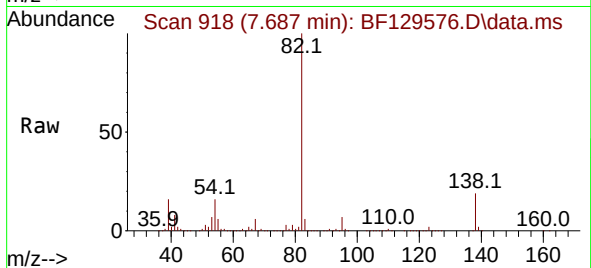




#25
Isophorone
Concen: 48.989 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

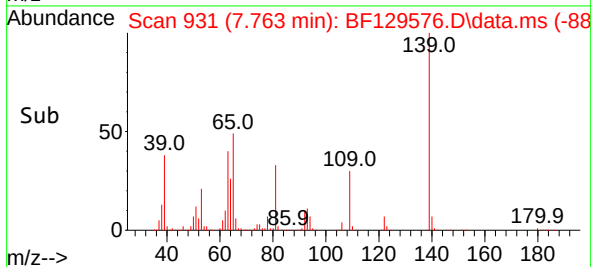
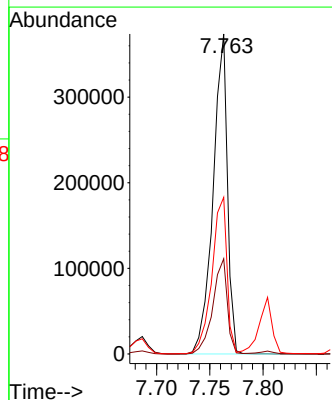
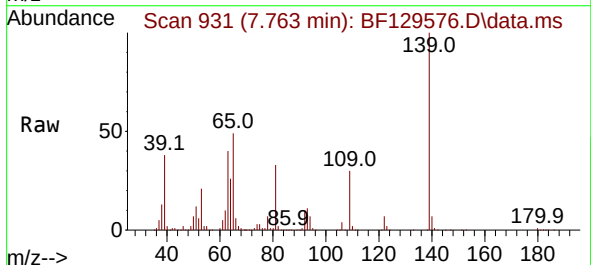
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

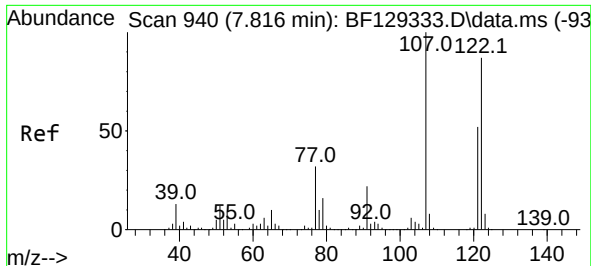
Tgt Ion: 82 Resp: 1219172
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.7 14.2 21.2



#26
2-Nitrophenol
Concen: 49.820 ng
RT: 7.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion: 139 Resp: 351386
Ion Ratio Lower Upper
139 100
109 29.7 25.0 37.4
65 49.0 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 51.696 ng

RT: 7.804 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

Instrument :

BNA_F

ClientSampleId :

RVE-98MSD

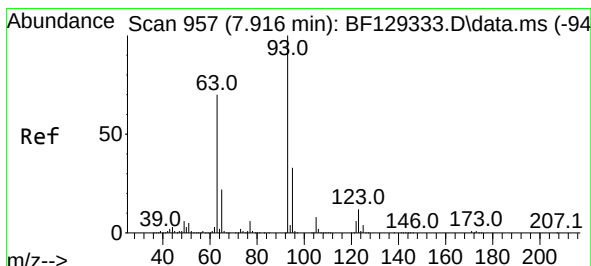
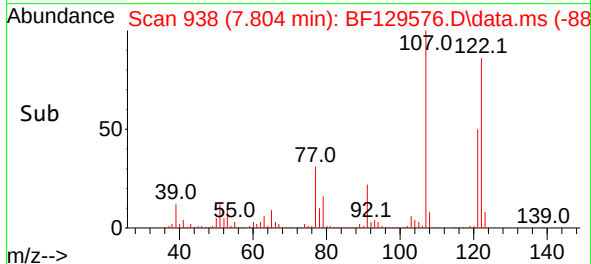
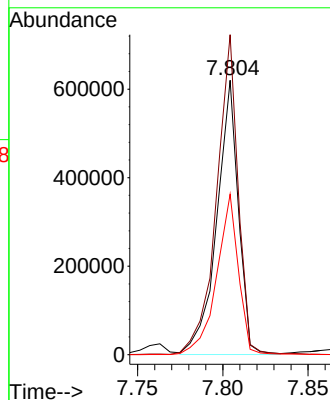
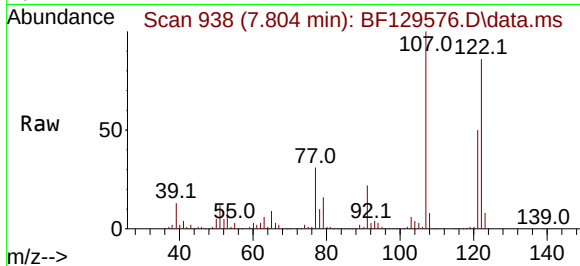
Tgt Ion:122 Resp: 546934

Ion Ratio Lower Upper

122 100

107 116.6 93.0 139.6

121 58.5 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 52.788 ng

RT: 7.892 min Scan# 953

Delta R.T. 0.000 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

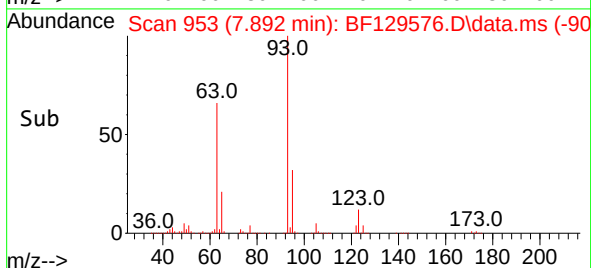
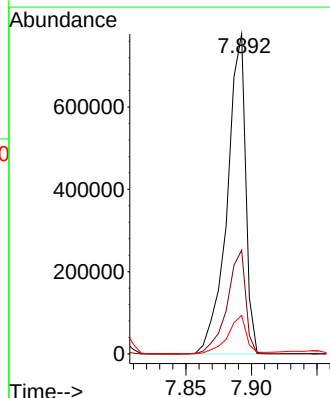
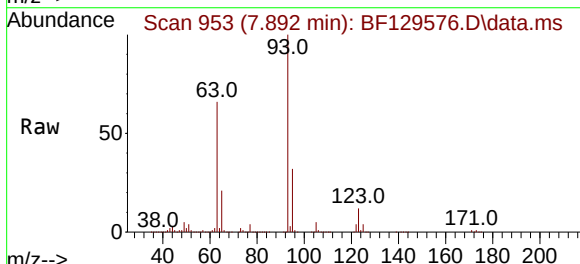
Tgt Ion: 93 Resp: 762094

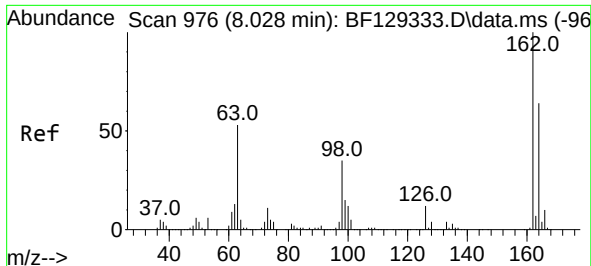
Ion Ratio Lower Upper

93 100

95 32.5 26.8 40.2

123 12.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 47.306 ng

RT: 8.010 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

Instrument :

BNA_F

ClientSampleId :

RVE-98MSD

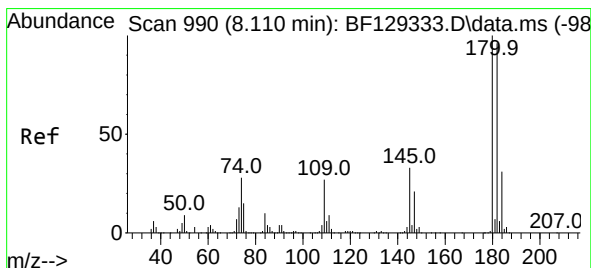
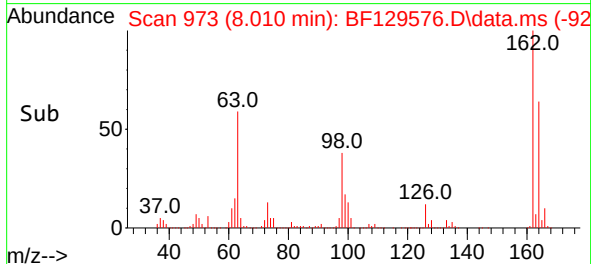
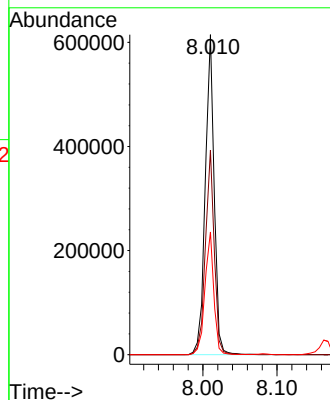
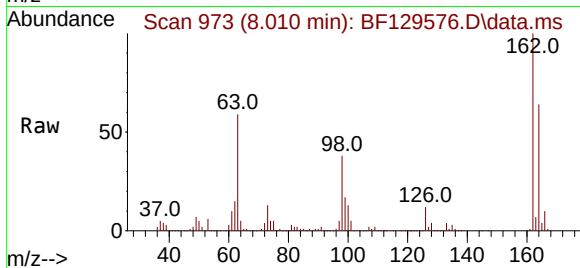
Tgt Ion:162 Resp: 516571

Ion Ratio Lower Upper

162 100

164 63.9 44.2 84.2

98 38.3 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 47.535 ng

RT: 8.081 min Scan# 985

Delta R.T. -0.006 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

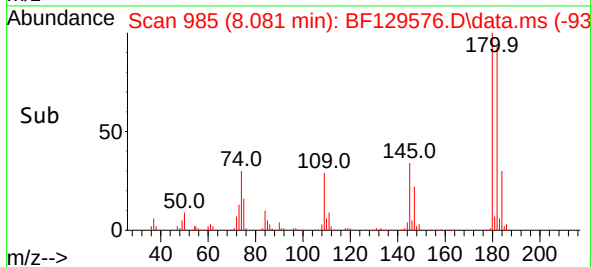
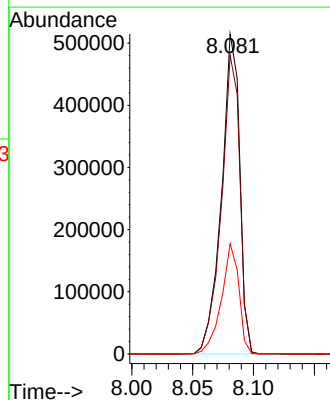
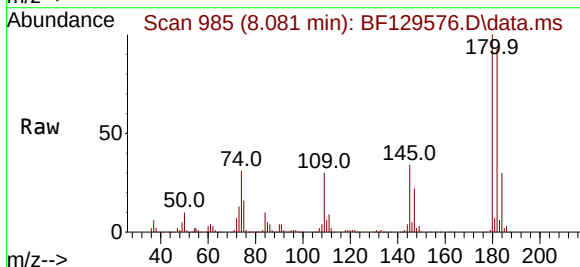
Tgt Ion:180 Resp: 537279

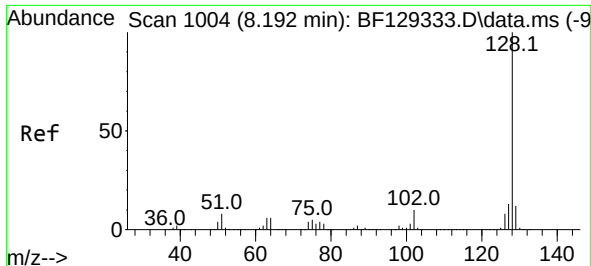
Ion Ratio Lower Upper

180 100

182 93.3 79.2 118.8

145 34.4 26.2 39.2

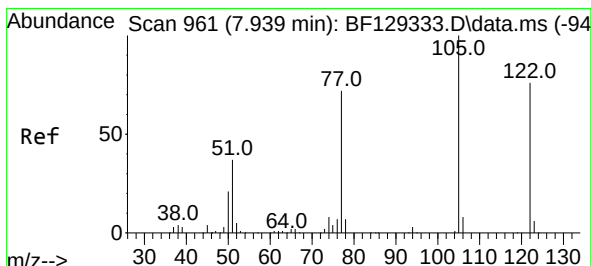
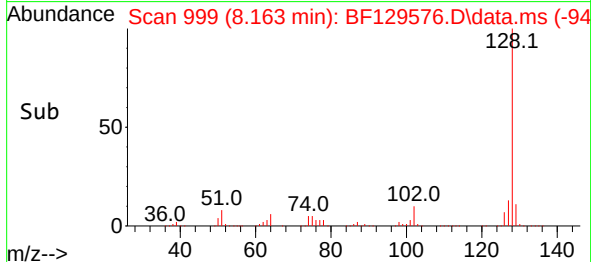
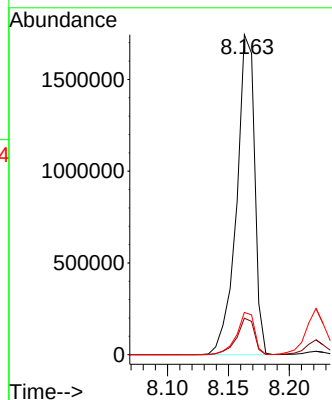
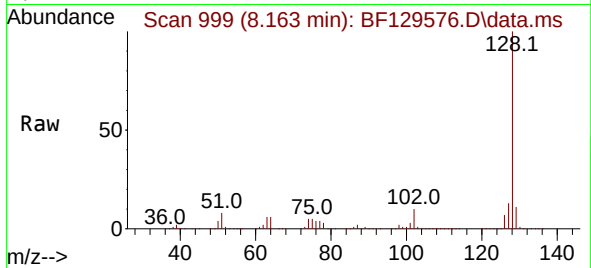




#31
Naphthalene
Concen: 46.554 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

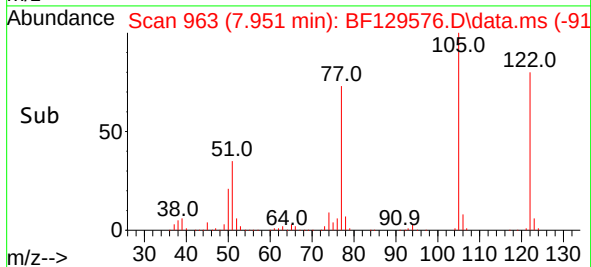
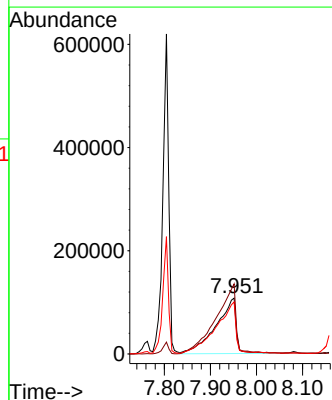
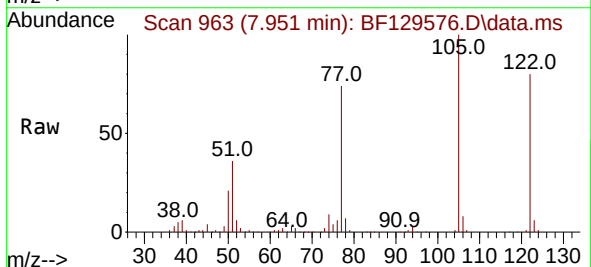
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

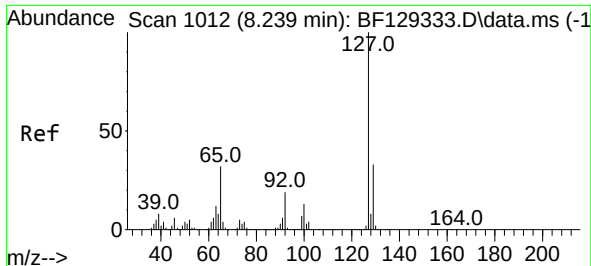
Tgt Ion:128 Resp: 1792605
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 42.848 ng
RT: 7.951 min Scan# 963
Delta R.T. 0.012 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion:122 Resp: 327717
Ion Ratio Lower Upper
122 100
105 125.4 107.1 147.1
77 93.0 74.2 114.2

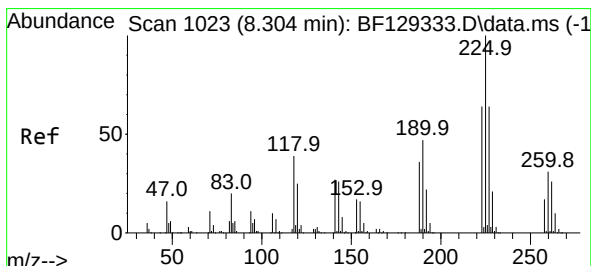
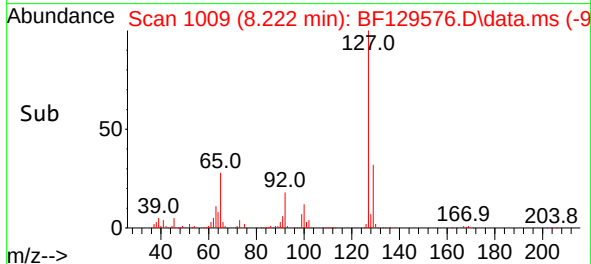
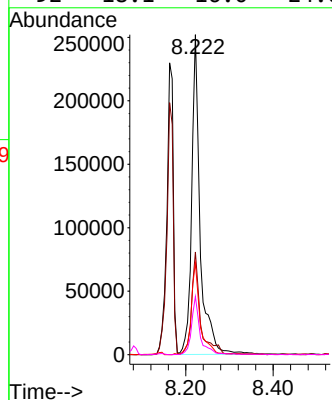
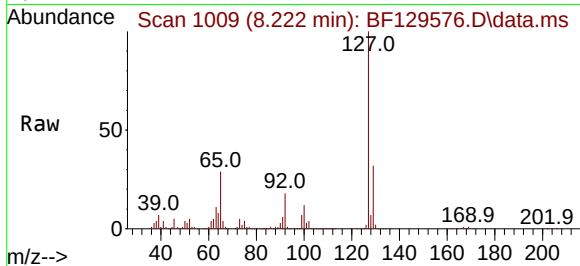




#33
4-Chloroaniline
Concen: 21.572 ng
RT: 8.222 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

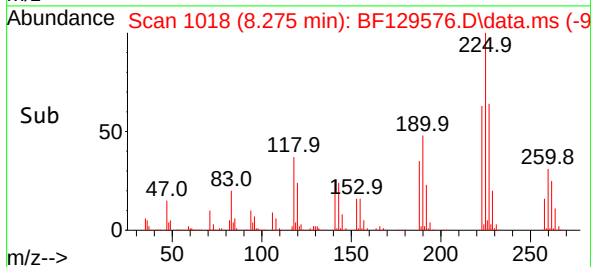
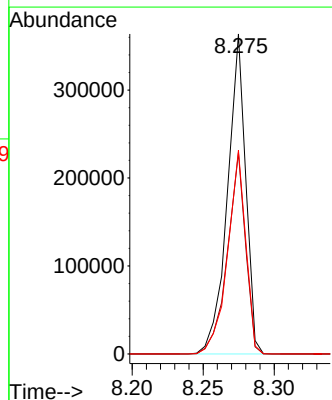
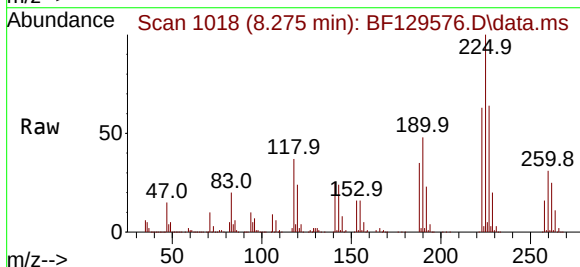
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

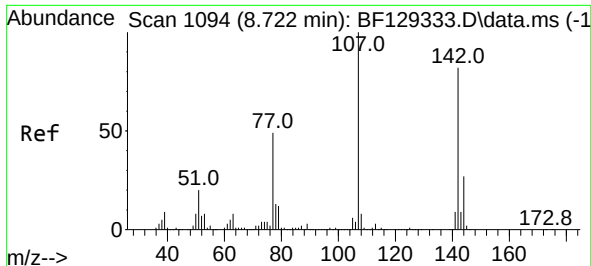
Tgt Ion:	127	Resp:	341027
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.4	39.6
65	28.7	26.4	39.6
92	18.1	16.0	24.0



#34
Hexachlorobutadiene
Concen: 50.411 ng
RT: 8.275 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion:	225	Resp:	323882
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.6
227	63.6	51.1	76.7

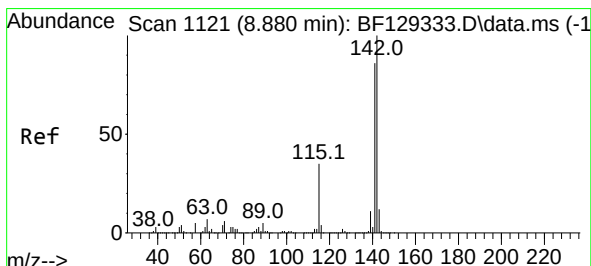
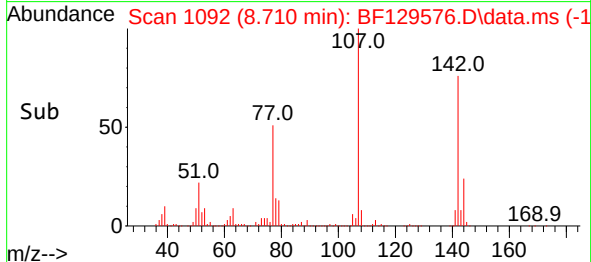
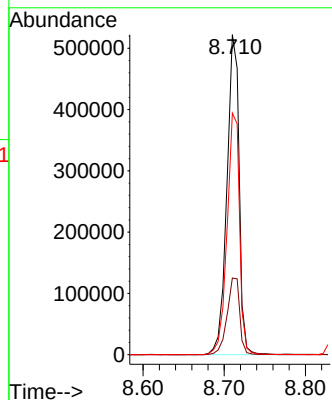
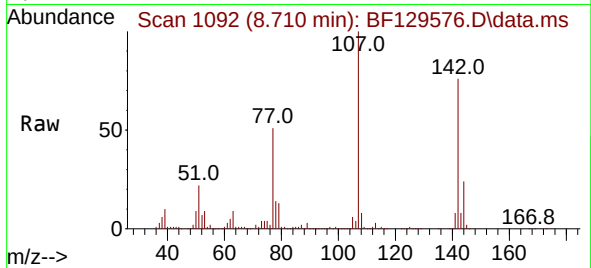




#36
 4-Chloro-3-methylphenol
 Concen: 47.435 ng
 RT: 8.710 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF129576.D
 Acq: 04 Aug 2022 18:39

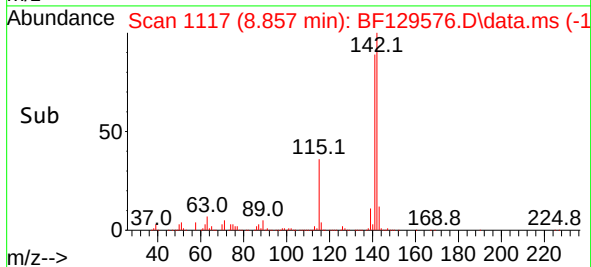
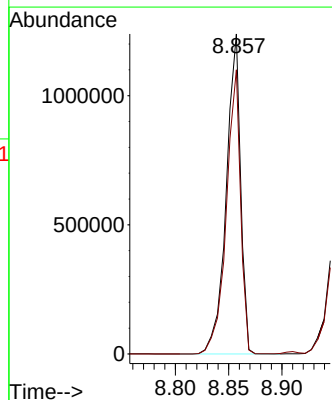
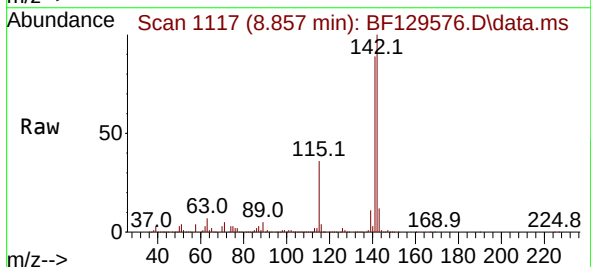
Instrument :
 BNA_F
 ClientSampleId :
 RVE-98MSD

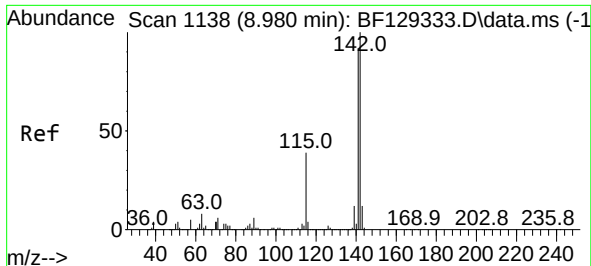
Tgt Ion:107 Resp: 549375
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.5 29.3
 142 75.5 58.2 87.4



#37
 2-Methylnaphthalene
 Concen: 46.202 ng
 RT: 8.857 min Scan# 1117
 Delta R.T. -0.006 min
 Lab File: BF129576.D
 Acq: 04 Aug 2022 18:39

Tgt Ion:142 Resp: 1156129
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.0 106.4





#38

1-Methylnaphthalene

Concen: 45.337 ng

RT: 8.957 min Scan# 1134

Delta R.T. -0.006 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

Instrument :

BNA_F

ClientSampleId :

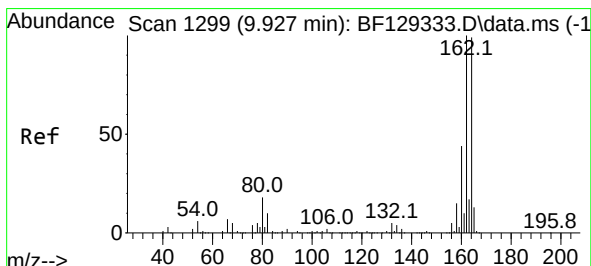
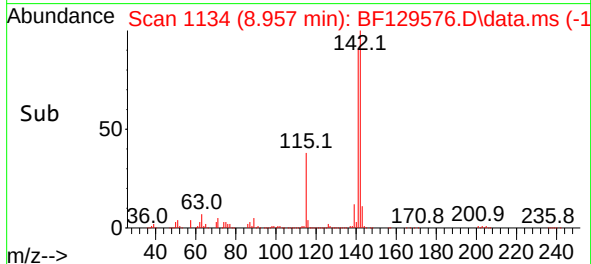
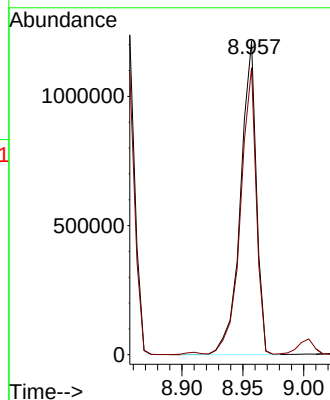
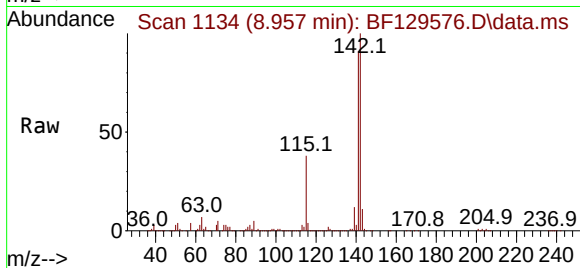
RVE-98MSD

Tgt Ion:142 Resp: 1095161

Ion Ratio Lower Upper

142 100

141 91.4 74.2 111.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

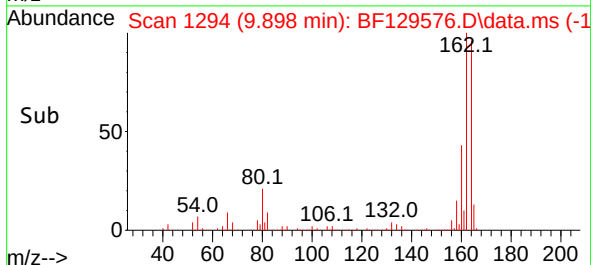
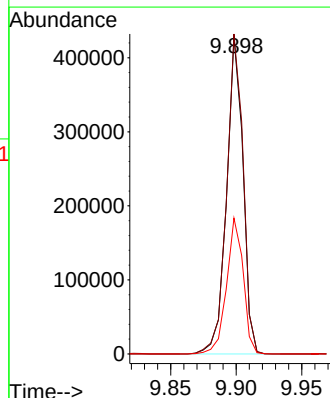
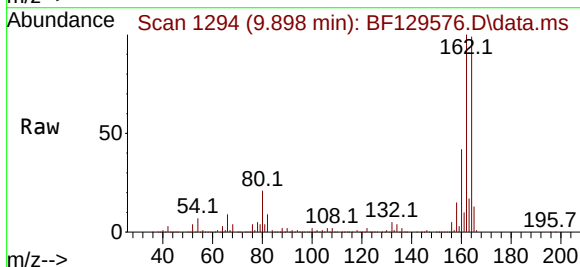
Tgt Ion:164 Resp: 371864

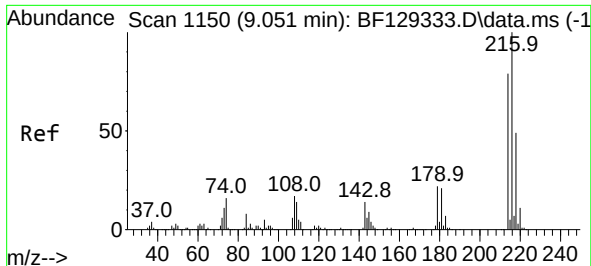
Ion Ratio Lower Upper

164 100

162 101.0 79.5 119.3

160 42.8 34.2 51.4

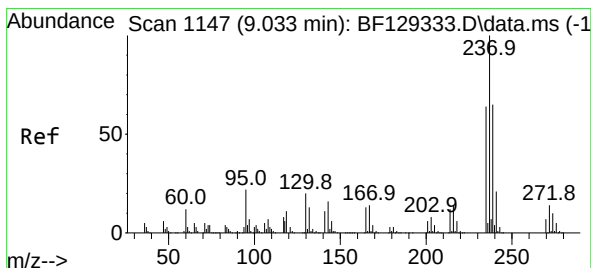
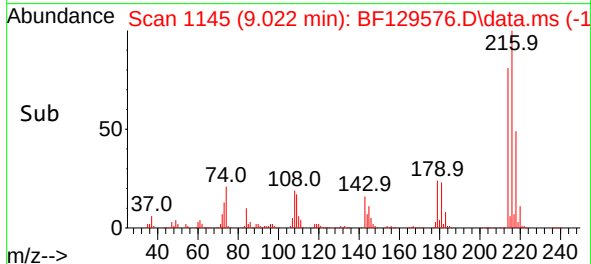
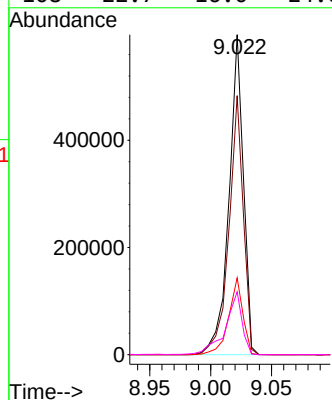
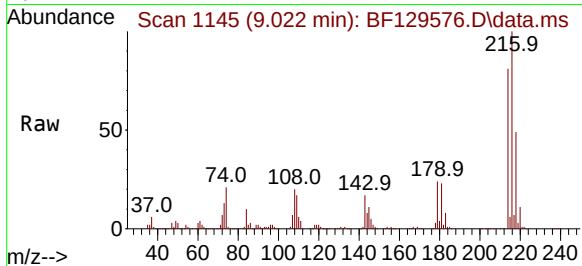




#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.567 ng
RT: 9.022 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

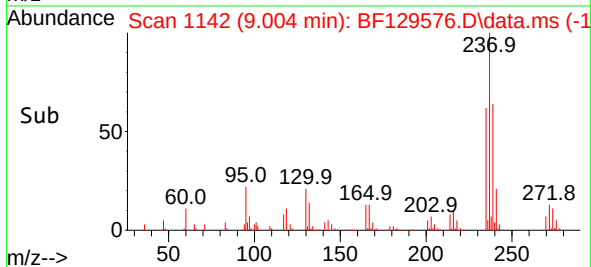
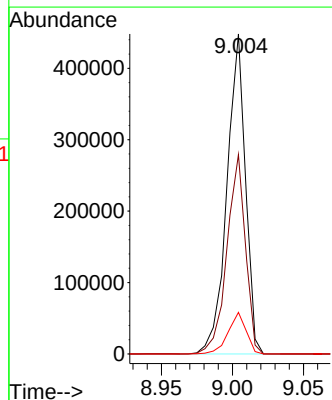
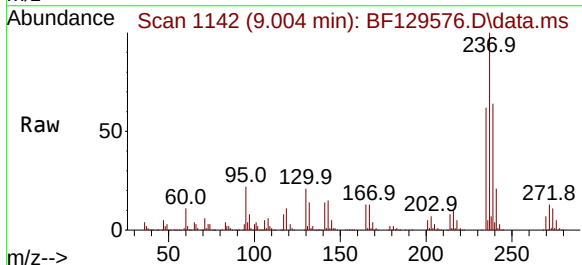
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

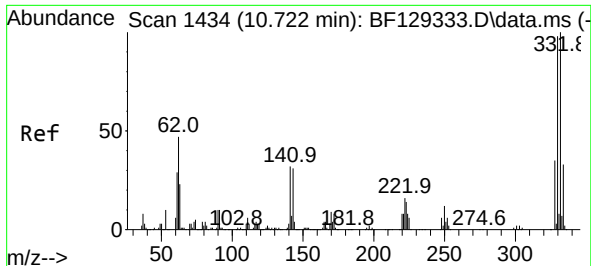
Tgt Ion:216 Resp: 493756
Ion Ratio Lower Upper
216 100
214 80.7 63.6 95.4
179 23.7 17.0 25.6
108 22.7 16.0 24.0



#41
Hexachlorocyclopentadiene
Concen: 93.360 ng
RT: 9.004 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion:237 Resp: 405928
Ion Ratio Lower Upper
237 100
235 62.3 43.2 83.2
272 13.0 0.0 31.9





#42

2,4,6-Tribromophenol

Concen: 85.939 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

Instrument :

BNA_F

ClientSampleId :

RVE-98MSD

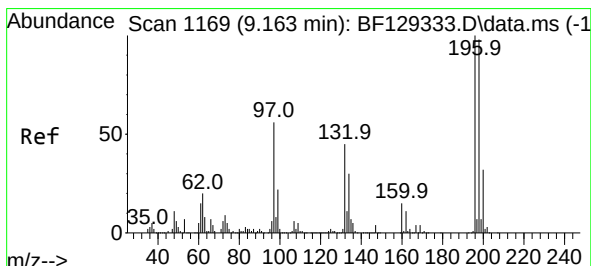
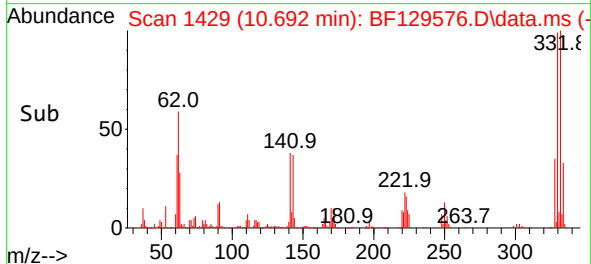
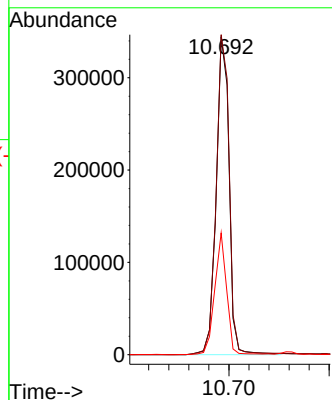
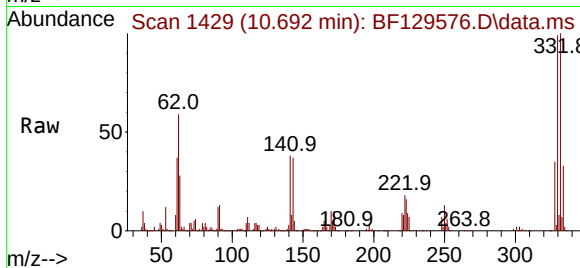
Tgt Ion:330 Resp: 307248

Ion Ratio Lower Upper

330 100

332 102.7 76.8 115.2

141 35.5 28.0 42.0



#43

2,4,6-Trichlorophenol

Concen: 47.158 ng

RT: 9.139 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

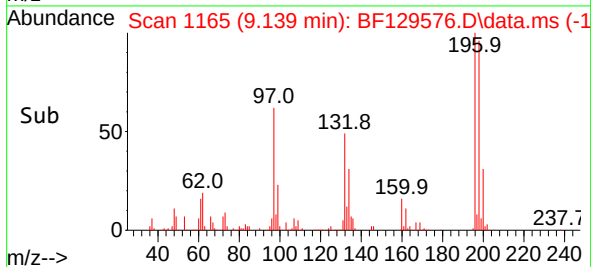
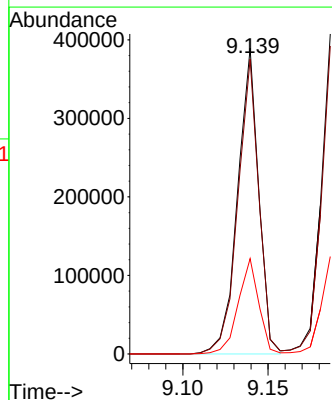
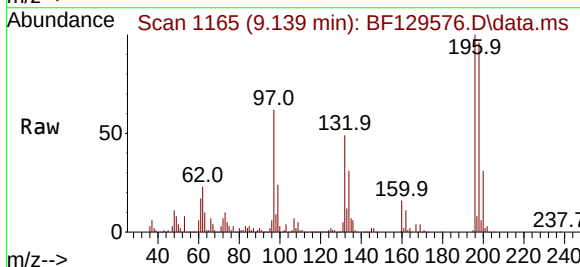
Tgt Ion:196 Resp: 334442

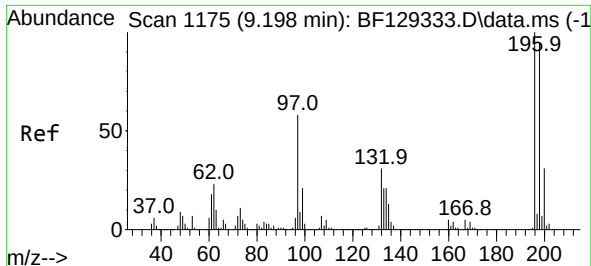
Ion Ratio Lower Upper

196 100

198 96.4 74.0 111.0

200 31.2 24.1 36.1

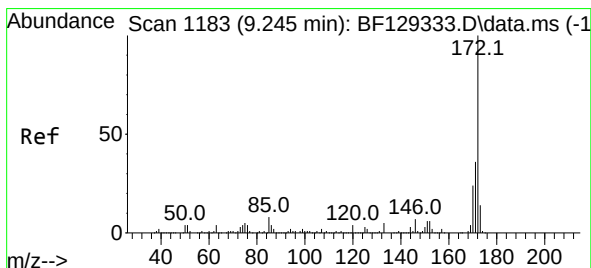
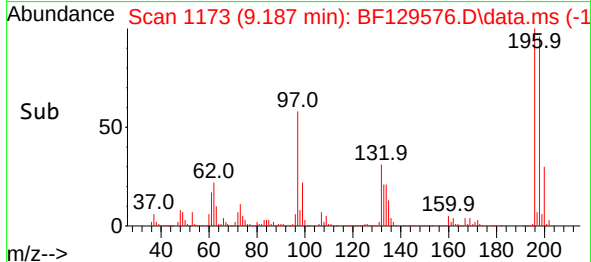
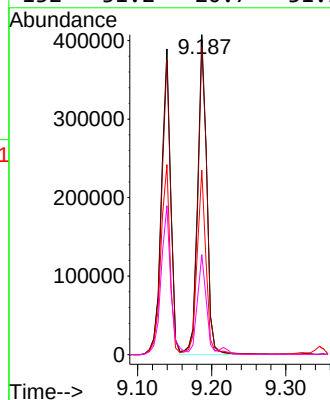
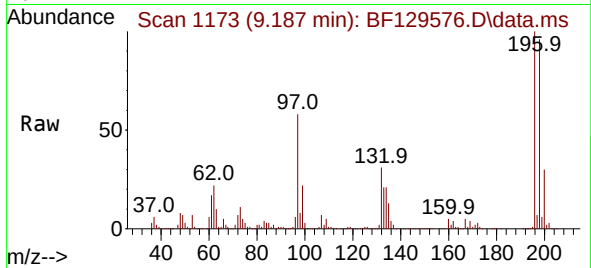




#44
2,4,5-Trichlorophenol
Concen: 44.927 ng
RT: 9.187 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

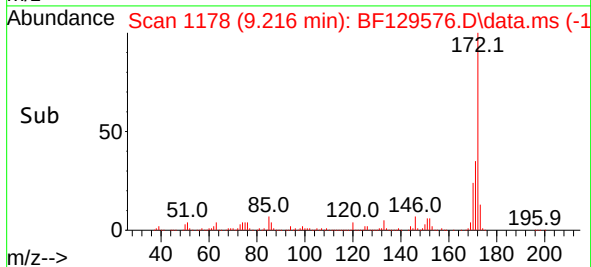
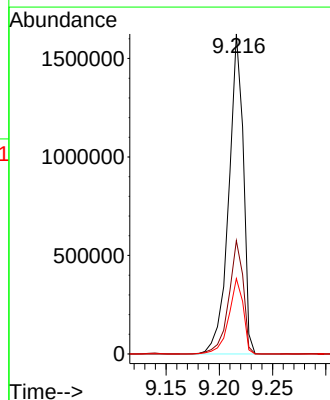
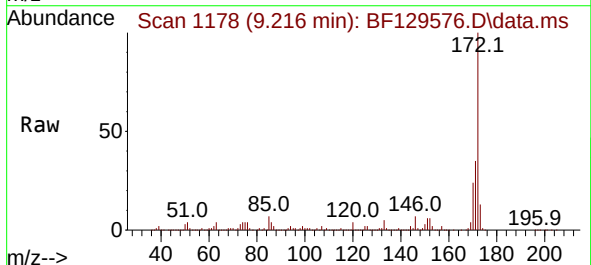
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

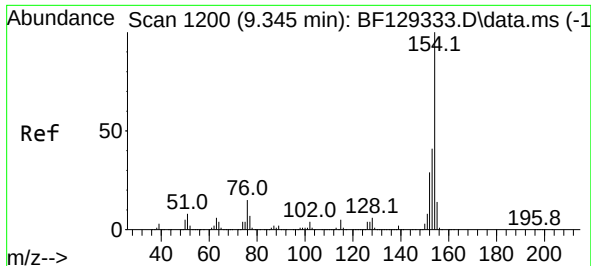
Tgt Ion:196 Resp: 346493
Ion Ratio Lower Upper
196 100
198 96.3 75.7 113.5
97 57.7 36.4 54.6#
132 31.2 20.7 31.1#



#45
2-Fluorobiphenyl
Concen: 63.905 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion:172 Resp: 1536186
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.5 19.8 29.8

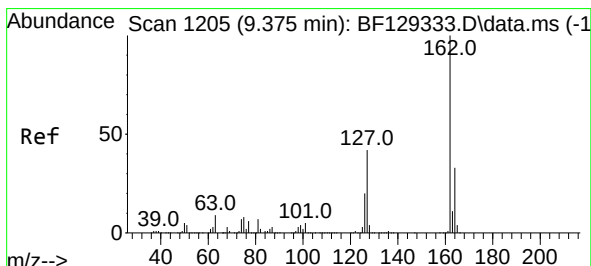
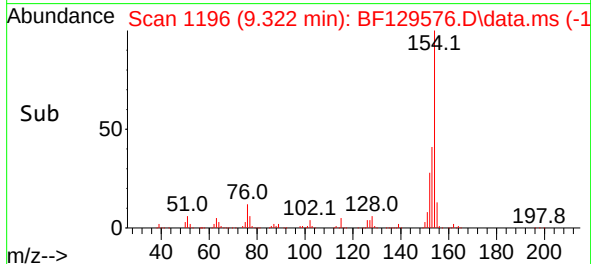
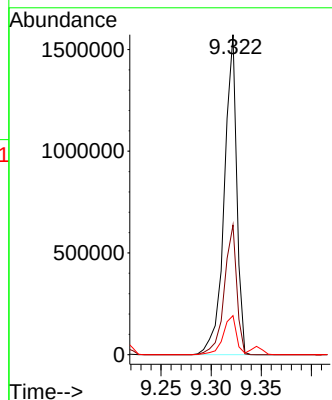
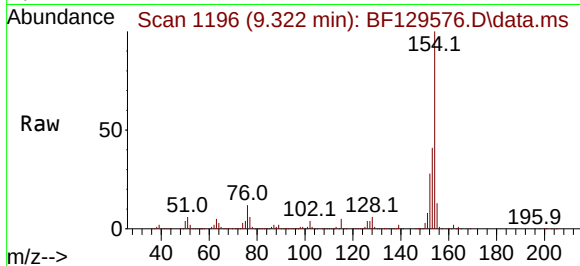




#46
1,1'-Biphenyl
Concen: 50.060 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

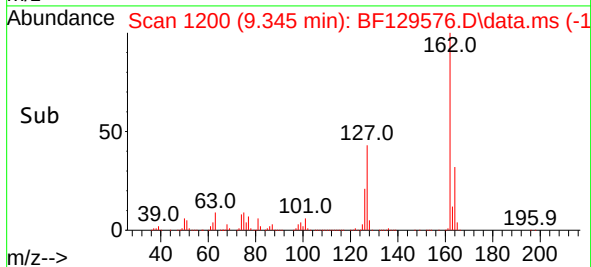
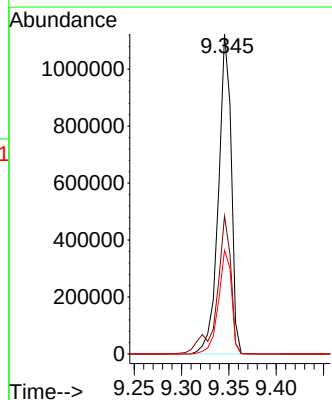
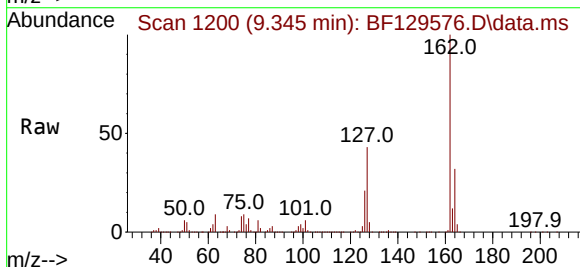
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

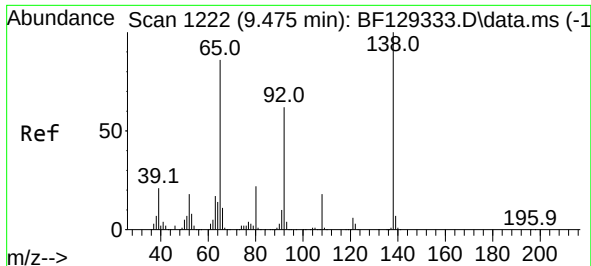
Tgt Ion:154 Resp: 1358558
Ion Ratio Lower Upper
154 100
153 40.5 20.6 60.6
76 12.2 0.0 33.3



#47
2-Chloronaphthalene
Concen: 48.314 ng
RT: 9.345 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion:162 Resp: 1059966
Ion Ratio Lower Upper
162 100
127 43.1 34.5 51.7
164 32.4 26.5 39.7

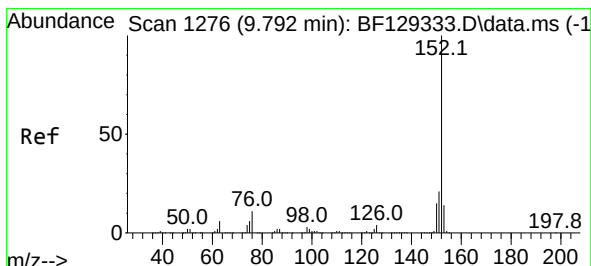
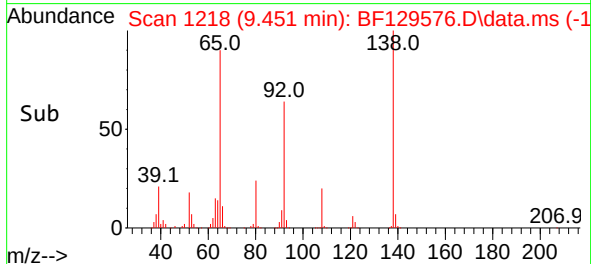
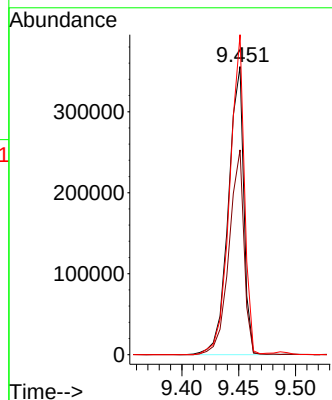
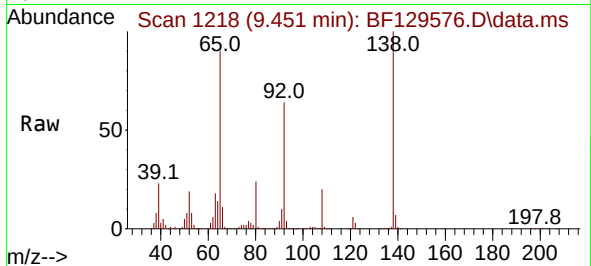




#48
2-Nitroaniline
Concen: 46.031 ng
RT: 9.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

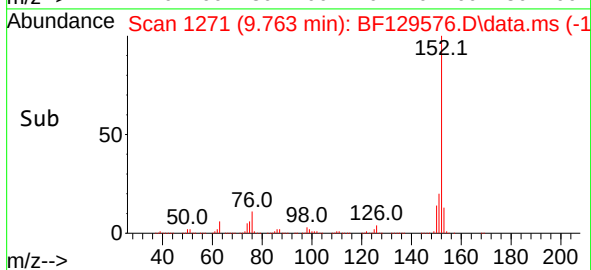
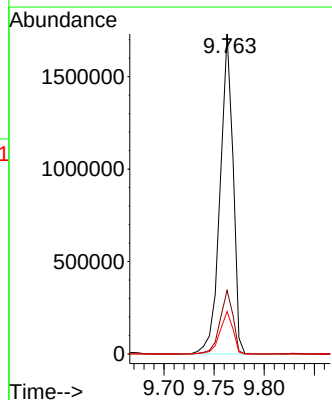
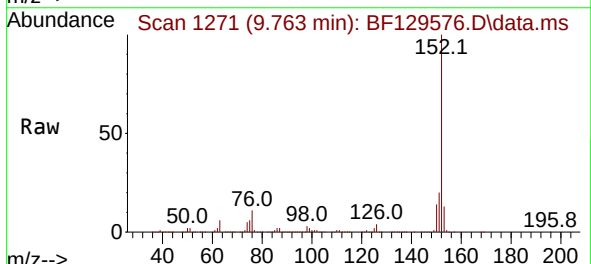
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

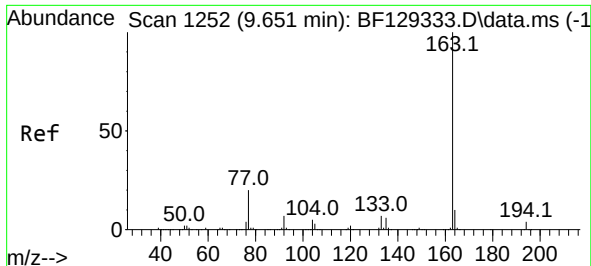
Tgt Ion: 65 Resp: 335802
Ion Ratio Lower Upper
65 100
92 71.1 51.9 77.9
138 111.1 76.4 114.6



#49
Acenaphthylene
Concen: 46.472 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion: 152 Resp: 1549189
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 13.3 10.7 16.1

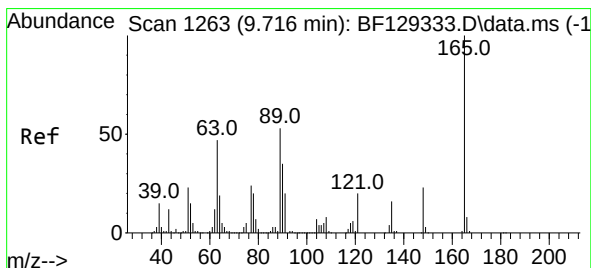
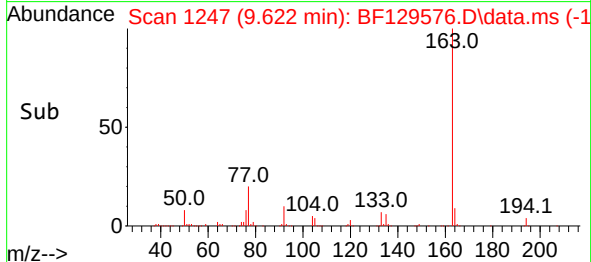
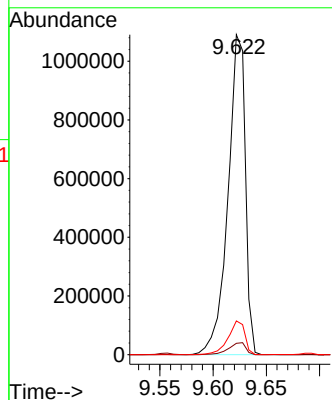
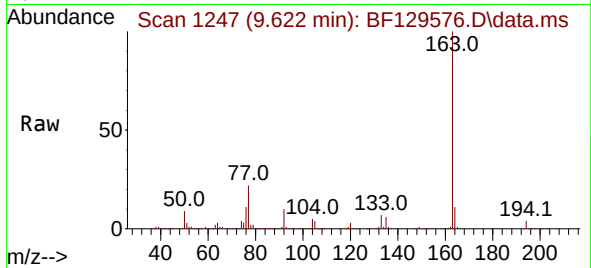




#50
Dimethylphthalate
Concen: 48.235 ng
RT: 9.622 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

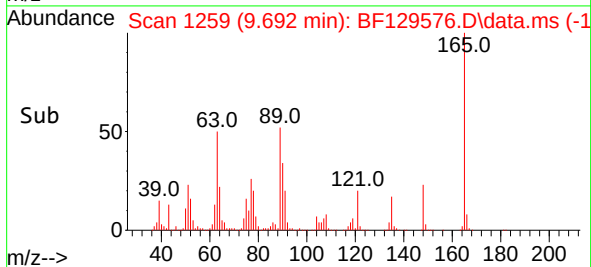
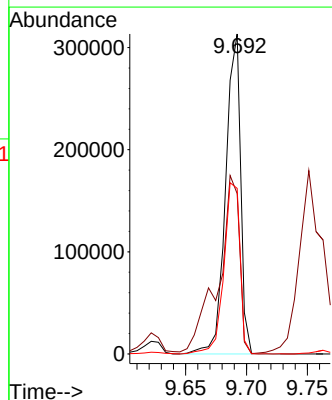
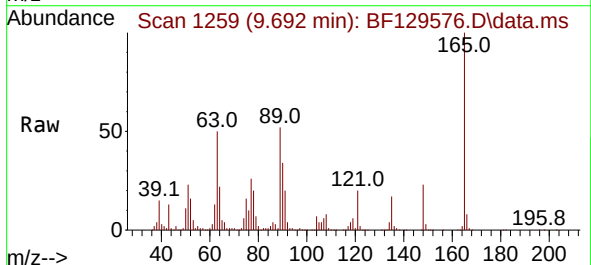
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

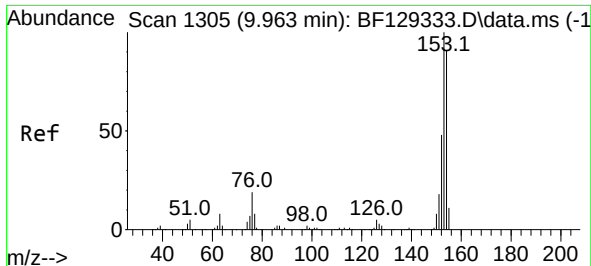
Tgt Ion:163 Resp: 1238234
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.6 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 46.892 ng
RT: 9.692 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion:165 Resp: 269423
Ion Ratio Lower Upper
165 100
63 50.1 44.9 67.3
89 51.7 43.6 65.4

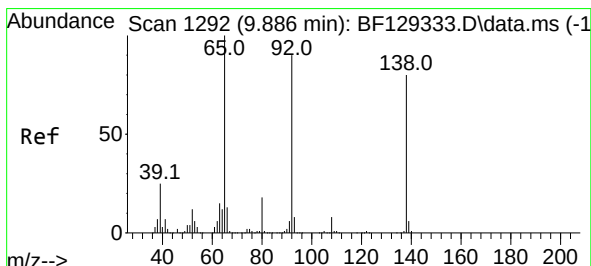
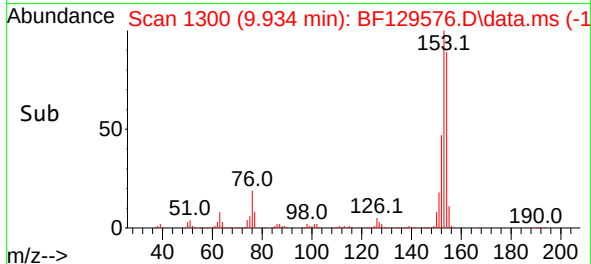
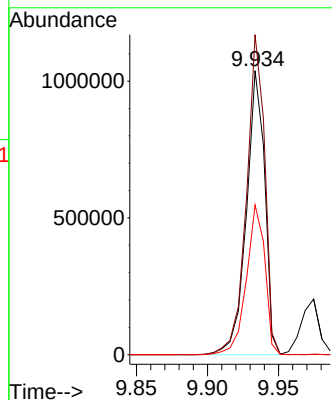
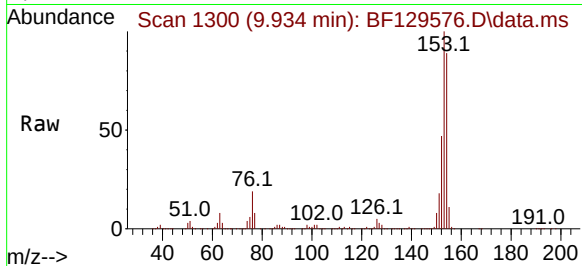




#52
Acenaphthene
Concen: 42.886 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

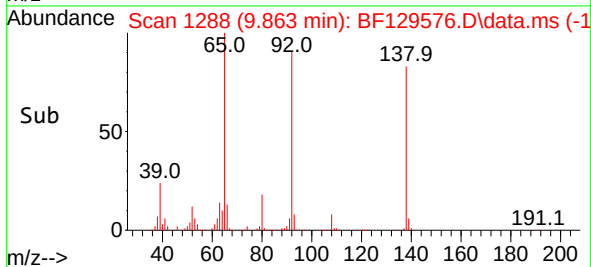
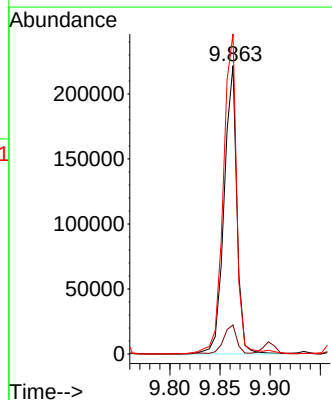
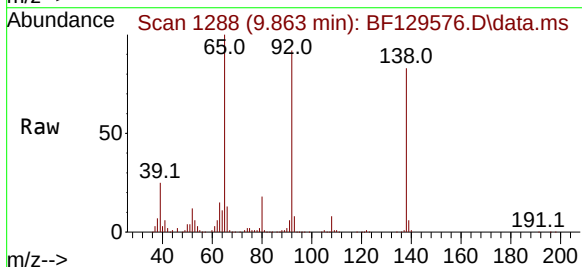
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

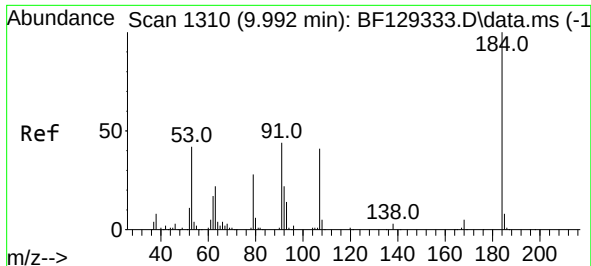
Tgt Ion:154 Resp: 933767
Ion Ratio Lower Upper
154 100
153 112.7 89.6 134.4
152 52.7 42.4 63.6



#53
3-Nitroaniline
Concen: 28.953 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion:138 Resp: 196435
Ion Ratio Lower Upper
138 100
108 10.0 10.9 16.3#
92 111.0 98.2 147.2

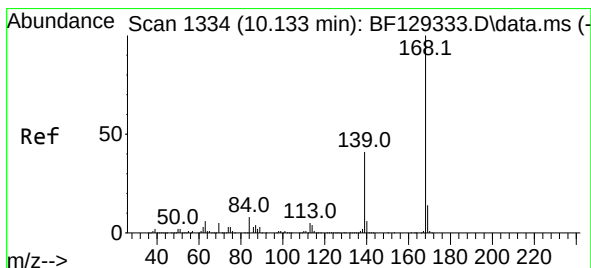
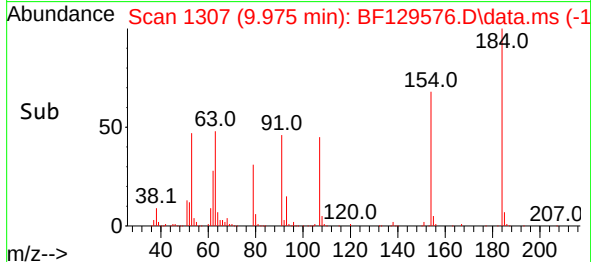
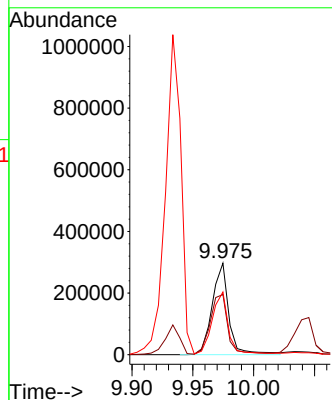
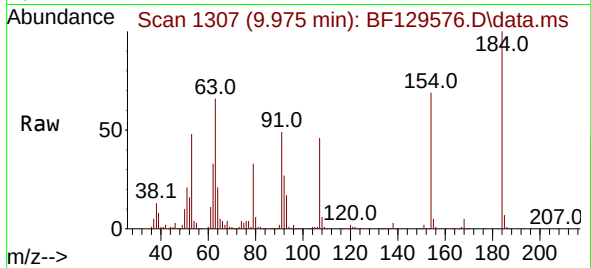




#54
2,4-Dinitrophenol
Concen: 96.208 ng
RT: 9.975 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

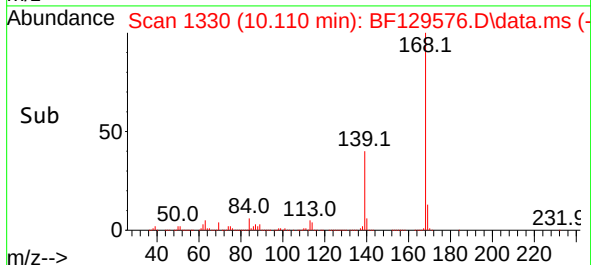
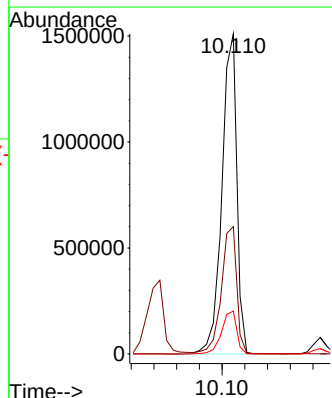
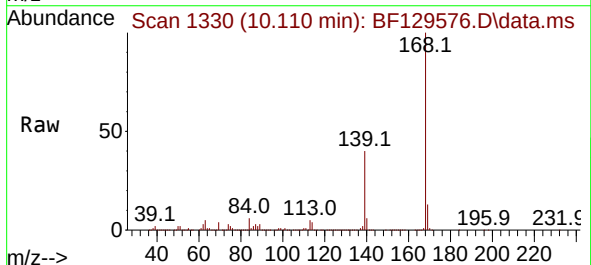
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

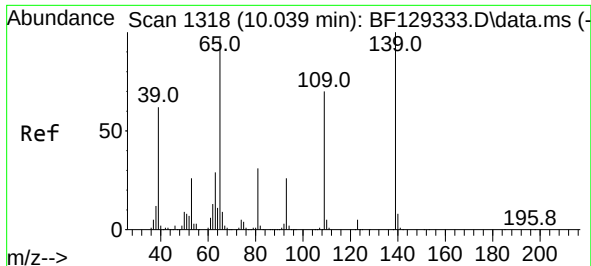
Tgt Ion:184 Resp: 282194
Ion Ratio Lower Upper
184 100
63 65.8 64.5 96.7
154 68.5 50.6 75.8



#55
Dibenzofuran
Concen: 45.972 ng
RT: 10.110 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion:168 Resp: 1379839
Ion Ratio Lower Upper
168 100
139 39.8 30.6 46.0
169 13.4 11.0 16.6

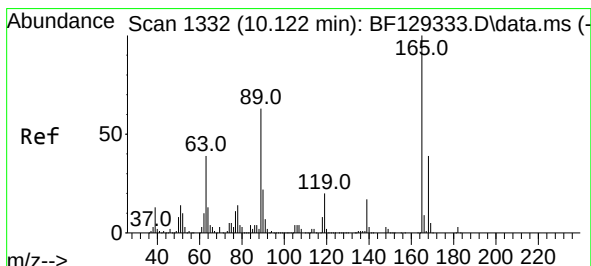
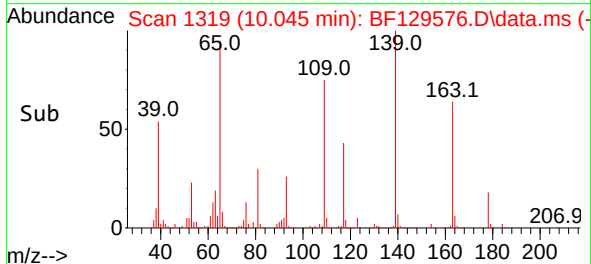
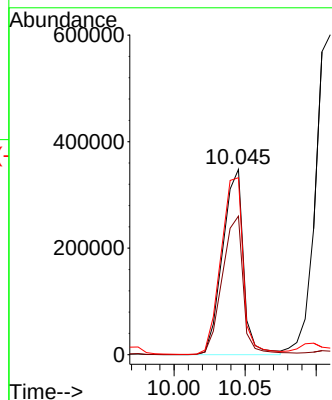
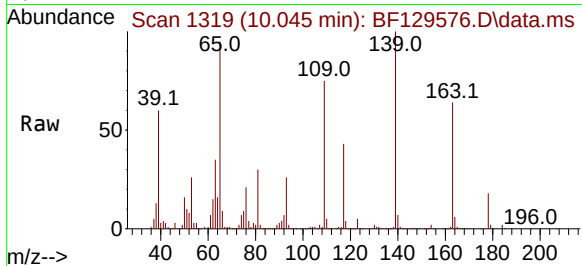




#56
4-Nitrophenol
Concen: 71.137 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

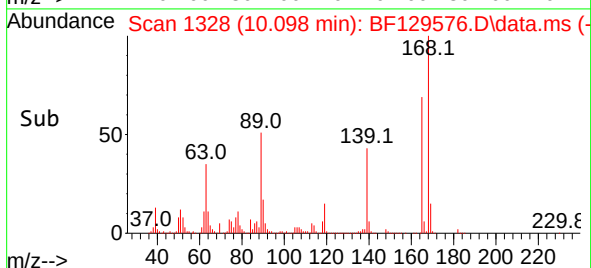
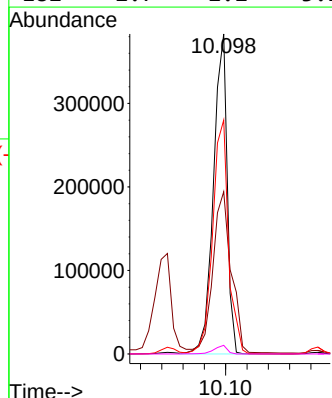
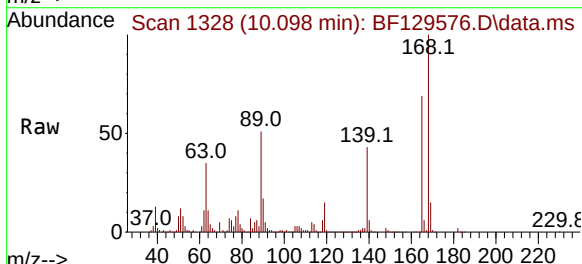
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

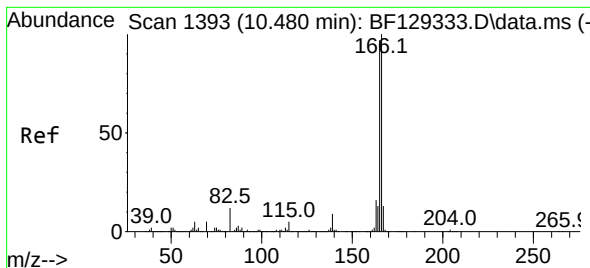
Tgt Ion:139 Resp: 356071
Ion Ratio Lower Upper
139 100
109 74.7 50.7 90.7
65 95.5 74.5 114.5



#57
2,4-Dinitrotoluene
Concen: 45.681 ng
RT: 10.098 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion:165 Resp: 342878
Ion Ratio Lower Upper
165 100
63 50.7 39.8 59.6
89 73.1 60.2 90.2
182 2.7 2.2 3.2





#58

Fluorene

Concen: 45.258 ng

RT: 10.451 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

Instrument :

BNA_F

ClientSampleId :

RVE-98MSD

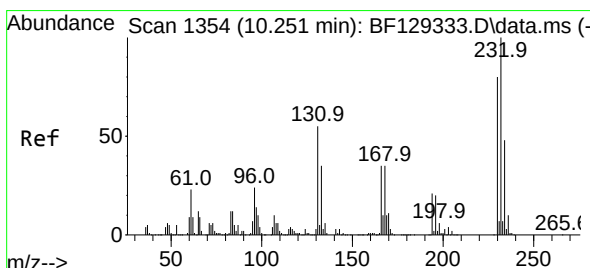
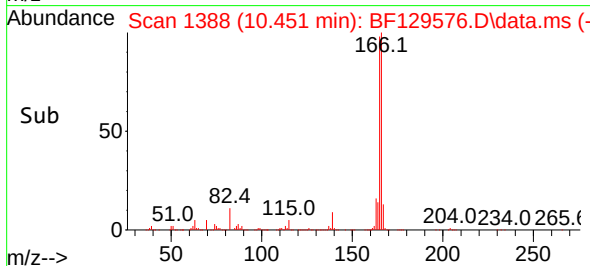
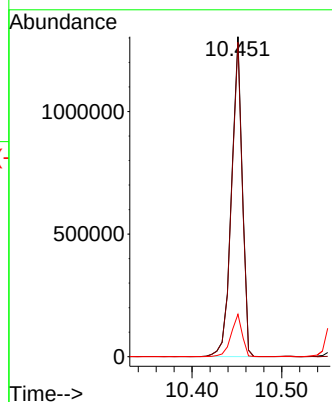
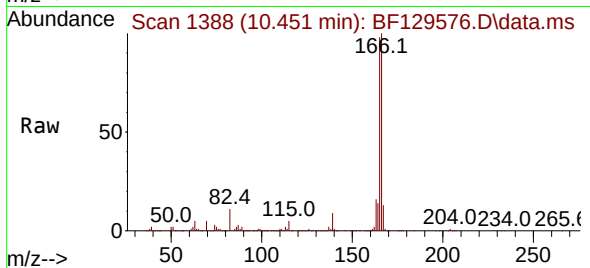
Tgt Ion:166 Resp: 1086890

Ion Ratio Lower Upper

166 100

165 98.2 78.1 117.1

167 13.2 10.5 15.7



#59

2,3,4,6-Tetrachlorophenol

Concen: 41.637 ng

RT: 10.228 min Scan# 1350

Delta R.T. -0.006 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

Tgt Ion:232 Resp: 248160

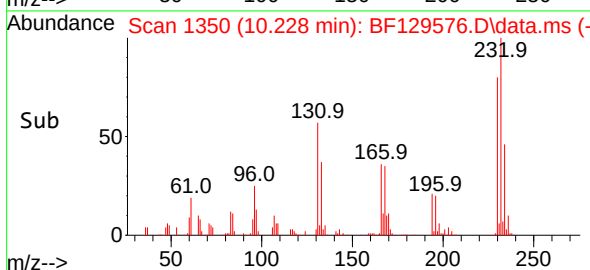
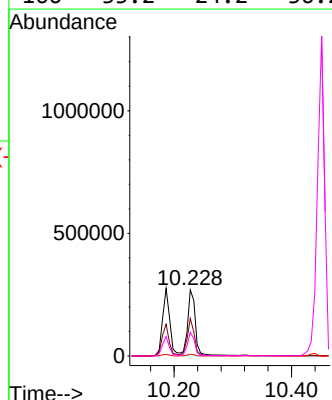
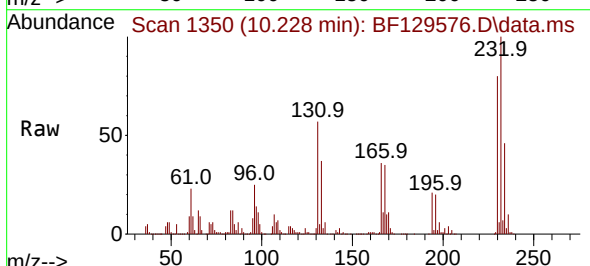
Ion Ratio Lower Upper

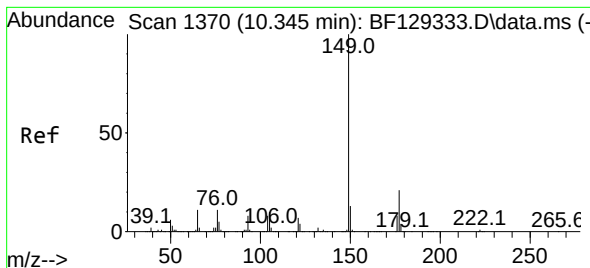
232 100

131 51.3 36.1 54.1

130 2.7 1.8 2.8

166 33.2 24.2 36.2





#60

Diethylphthalate

Concen: 46.488 ng

RT: 10.322 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

Instrument :

BNA_F

ClientSampleId :

RVE-98MSD

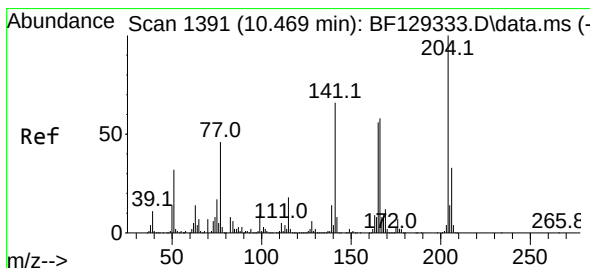
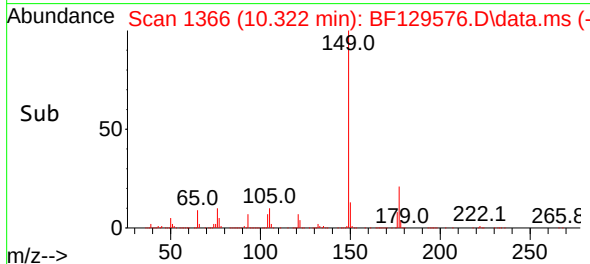
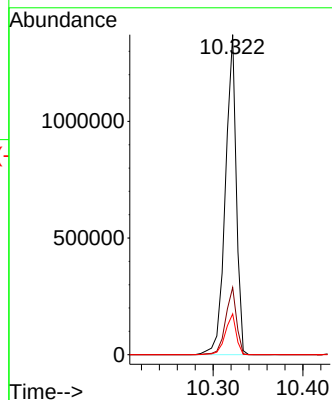
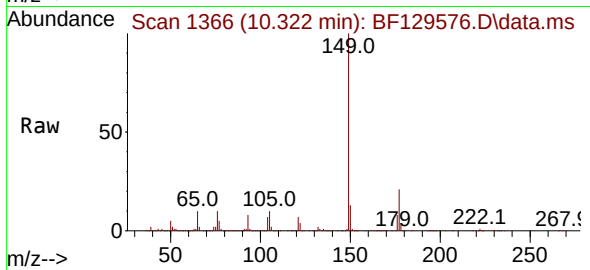
Tgt Ion:149 Resp: 1153643

Ion Ratio Lower Upper

149 100

177 21.0 17.3 25.9

150 12.8 10.2 15.2



#61

4-Chlorophenyl-phenylether

Concen: 47.877 ng

RT: 10.439 min Scan# 1386

Delta R.T. -0.006 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

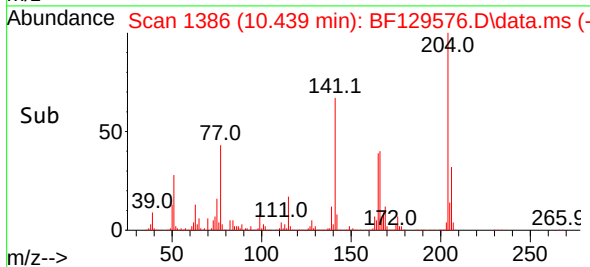
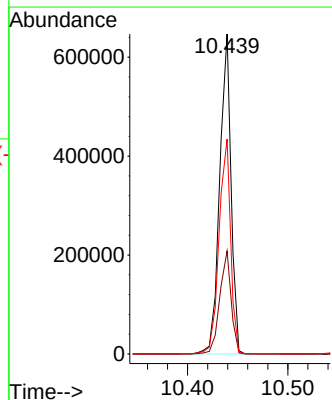
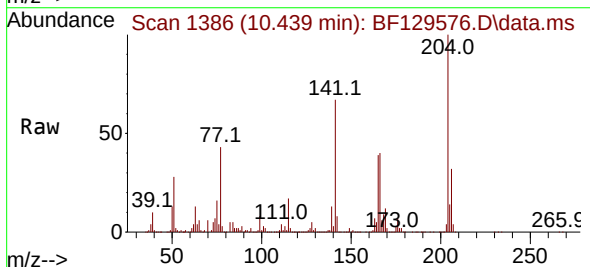
Tgt Ion:204 Resp: 506894

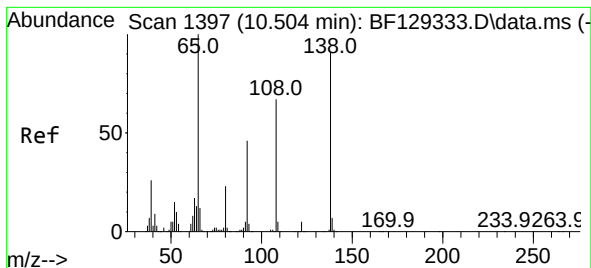
Ion Ratio Lower Upper

204 100

206 32.2 25.8 38.6

141 67.1 47.0 70.4

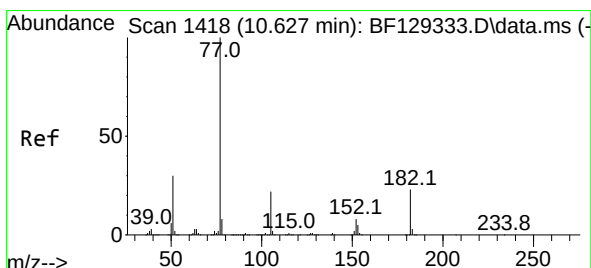
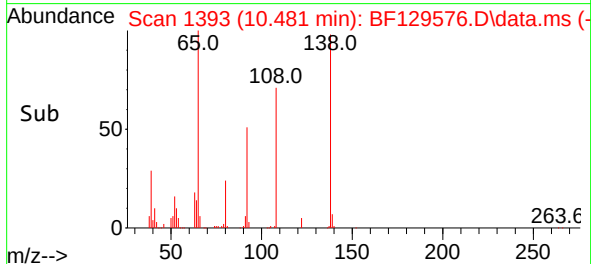
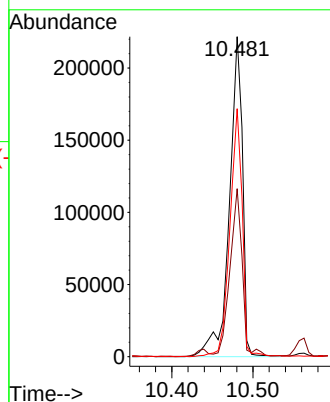
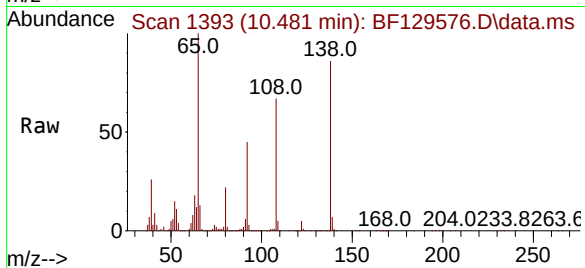




#62
4-Nitroaniline
Concen: 36.938 ng
RT: 10.481 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

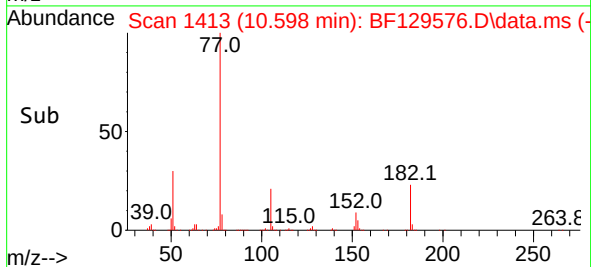
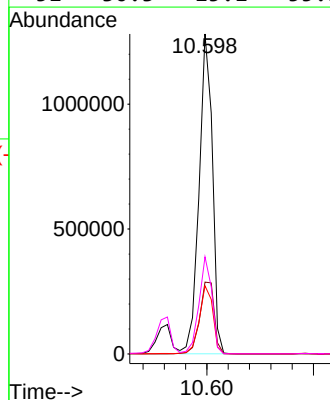
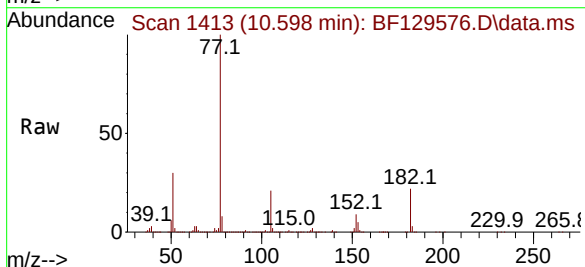
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

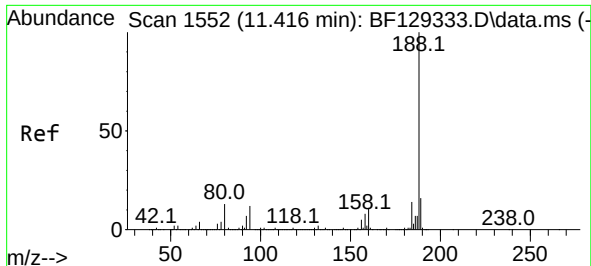
Tgt Ion:138 Resp: 248610
Ion Ratio Lower Upper
138 100
92 52.5 33.5 73.5
108 77.5 61.0 101.0



#63
Azobenzene
Concen: 43.879 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion: 77 Resp: 1110627
Ion Ratio Lower Upper
77 100
182 22.4 5.6 45.6
105 21.3 1.6 41.6
51 30.3 15.1 55.1

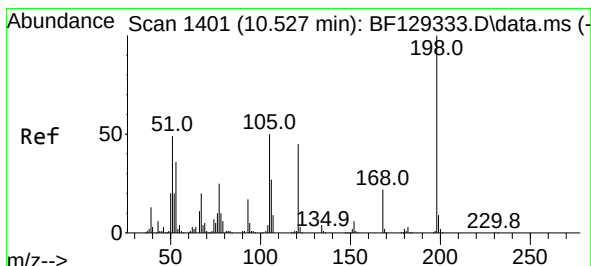
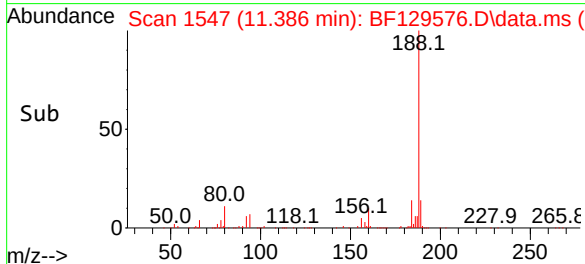
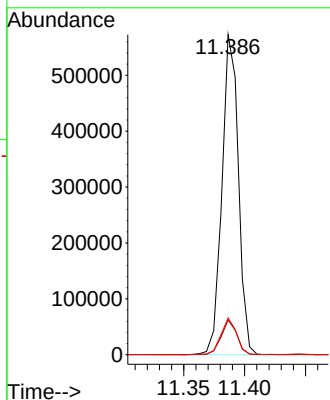
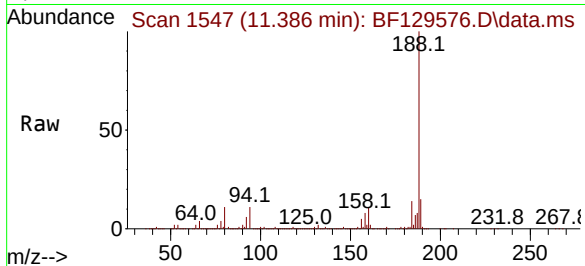




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

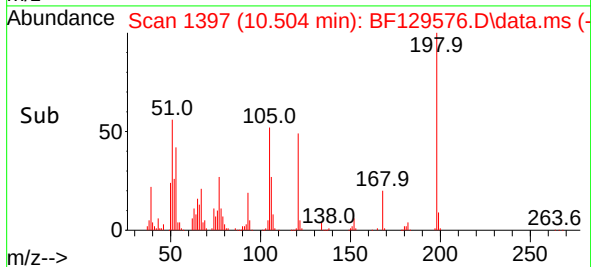
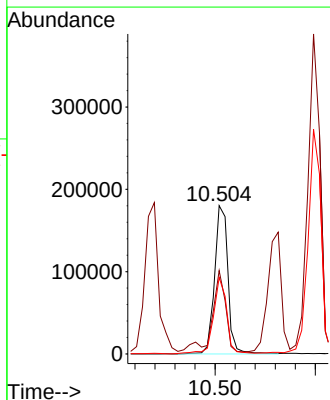
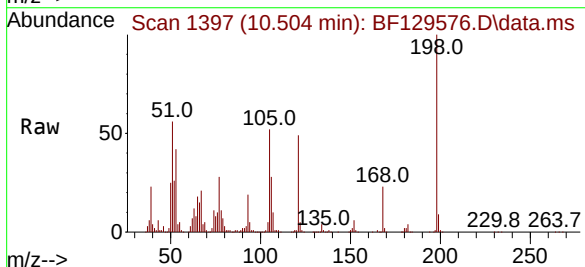
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

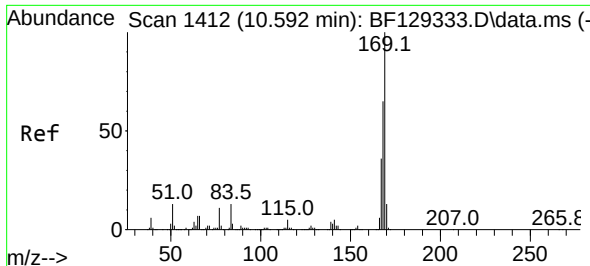
Tgt Ion:188 Resp: 538220
Ion Ratio Lower Upper
188 100
94 10.9 7.0 10.6#
80 11.4 7.6 11.4#



#65
4,6-Dinitro-2-methylphenol
Concen: 49.232 ng
RT: 10.504 min Scan# 1397
Delta R.T. -0.012 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion:198 Resp: 167248
Ion Ratio Lower Upper
198 100
51 56.1 37.6 77.6
105 51.5 27.0 67.0

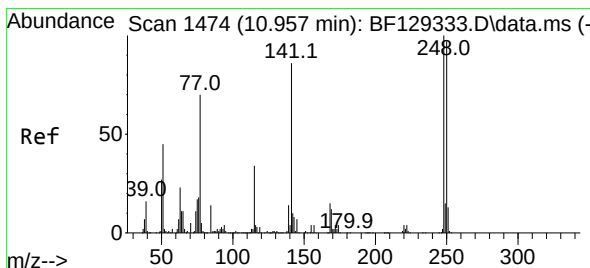
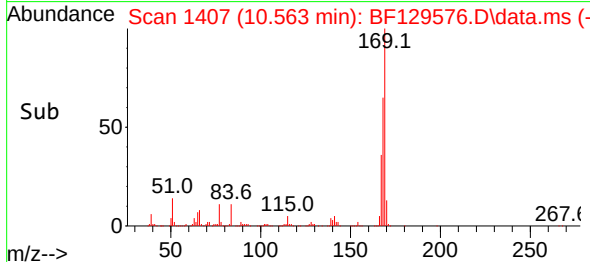
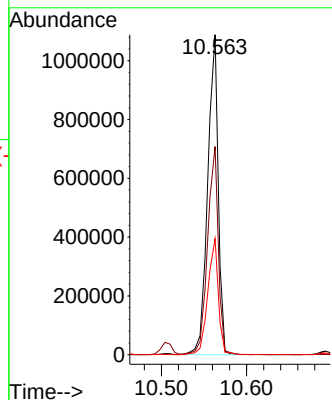
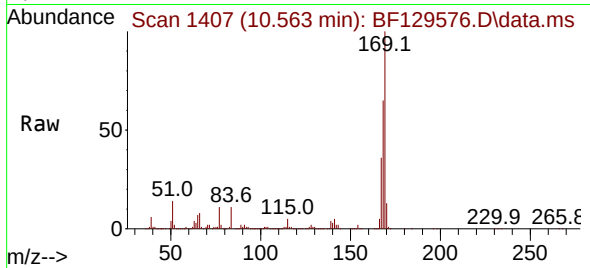




#66
 n-Nitrosodiphenylamine
 Concen: 52.027 ng
 RT: 10.563 min Scan# 1407
 Delta R.T. -0.006 min
 Lab File: BF129576.D
 Acq: 04 Aug 2022 18:39

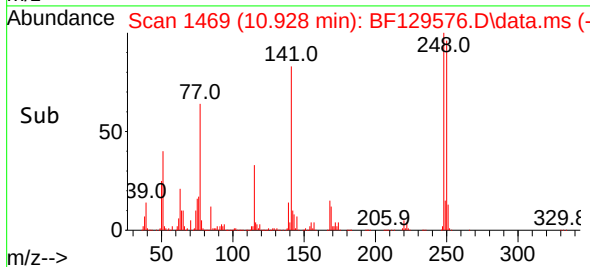
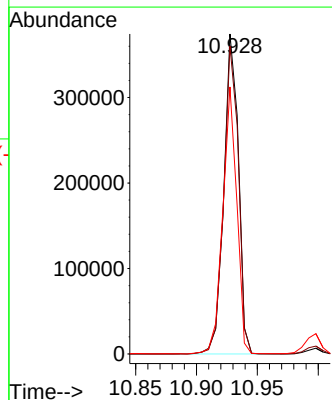
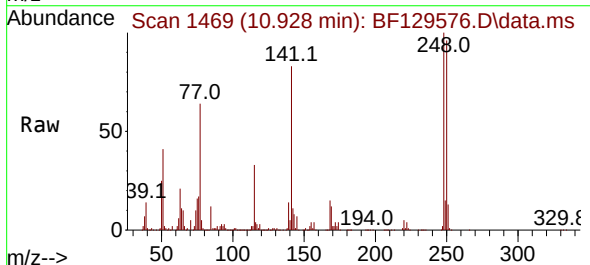
Instrument :
 BNA_F
 ClientSampleId :
 RVE-98MSD

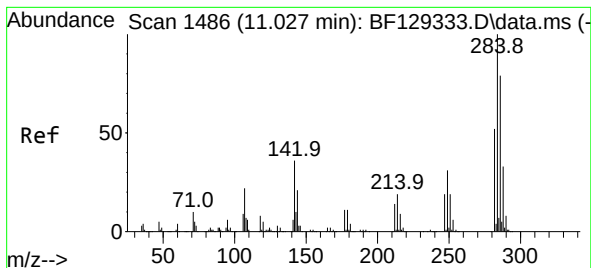
Tgt Ion:169 Resp: 932530
 Ion Ratio Lower Upper
 169 100
 168 65.1 50.1 75.1
 167 36.3 27.9 41.9



#67
 4-Bromophenyl-phenylether
 Concen: 53.062 ng
 RT: 10.928 min Scan# 1469
 Delta R.T. -0.006 min
 Lab File: BF129576.D
 Acq: 04 Aug 2022 18:39

Tgt Ion:248 Resp: 312732
 Ion Ratio Lower Upper
 248 100
 250 96.2 80.6 120.8
 141 83.5 58.9 88.3





#68

Hexachlorobenzene

Concen: 52.607 ng

RT: 10.998 min Scan# 1486

Delta R.T. -0.006 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

Instrument :

BNA_F

ClientSampleId :

RVE-98MSD

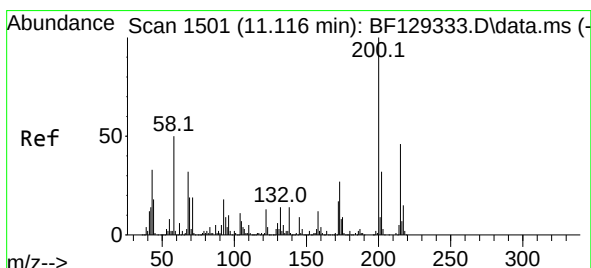
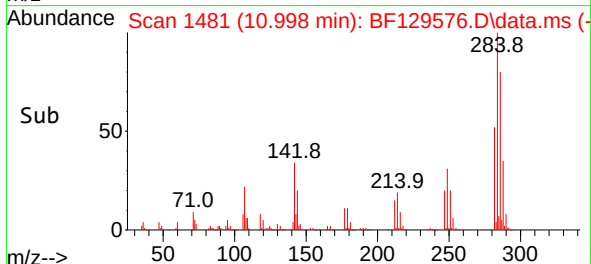
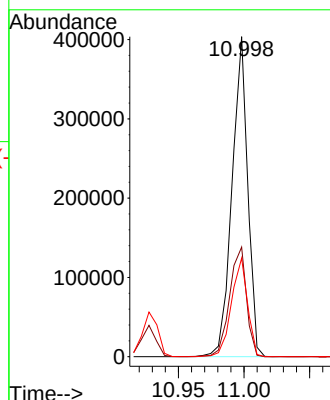
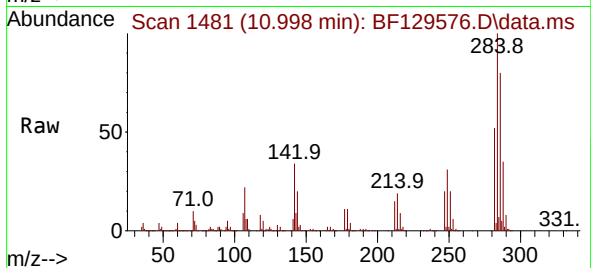
Tgt Ion:284 Resp: 335949

Ion Ratio Lower Upper

284 100

142 34.3 29.0 43.4

249 30.8 25.0 37.6



#69

Atrazine

Concen: 50.873 ng

RT: 11.092 min Scan# 1497

Delta R.T. 0.000 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

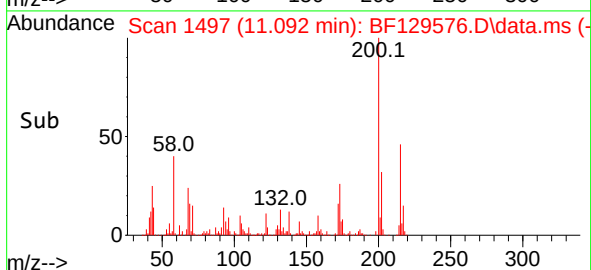
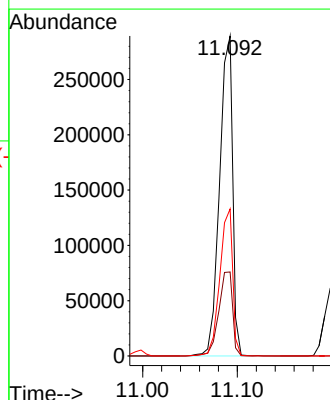
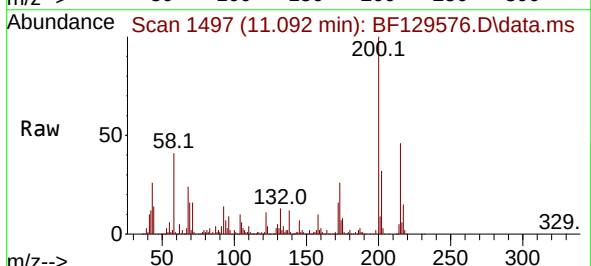
Tgt Ion:200 Resp: 276966

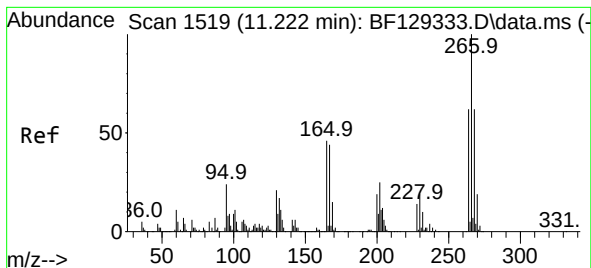
Ion Ratio Lower Upper

200 100

173 26.3 6.3 46.3

215 46.0 28.3 68.3





#70

Pentachlorophenol

Concen: 80.289 ng

RT: 11.198 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

Instrument :

BNA_F

ClientSampleId :

RVE-98MSD

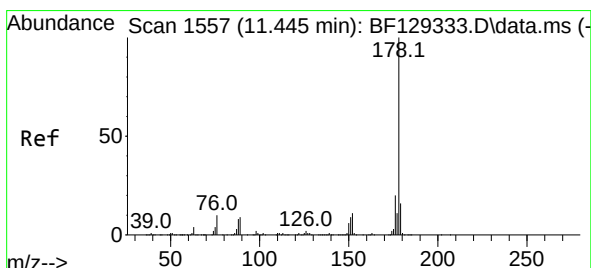
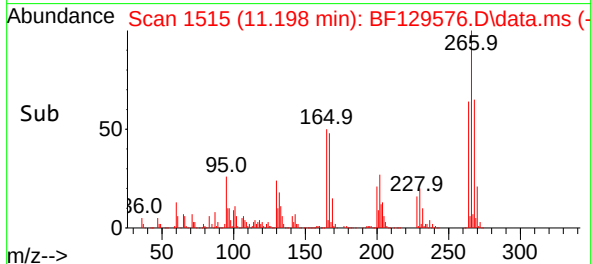
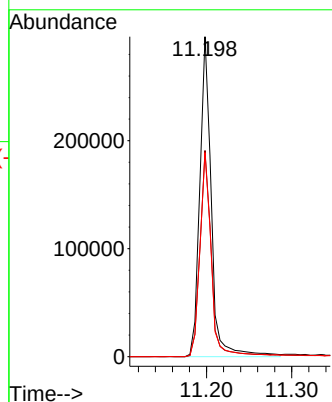
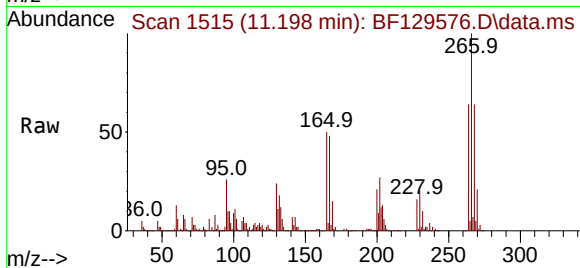
Tgt Ion:266 Resp: 278731

Ion Ratio Lower Upper

266 100

268 64.5 51.0 76.4

264 63.8 49.4 74.2



#71

Phenanthrene

Concen: 46.970 ng

RT: 11.416 min Scan# 1552

Delta R.T. -0.006 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

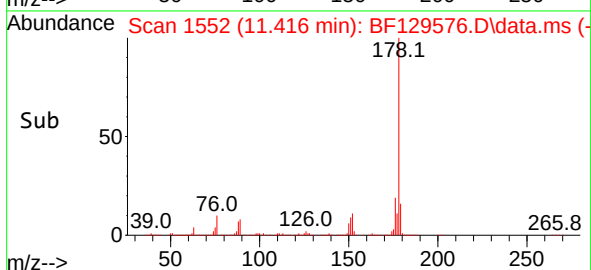
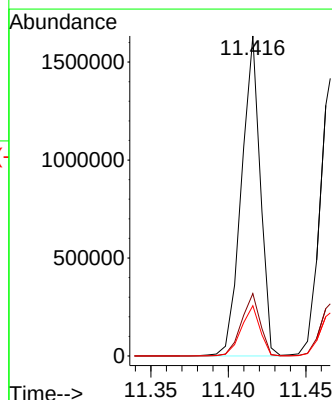
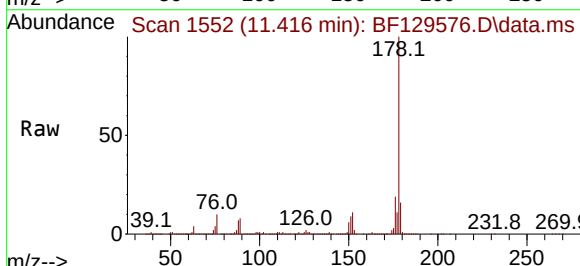
Tgt Ion:178 Resp: 1379986

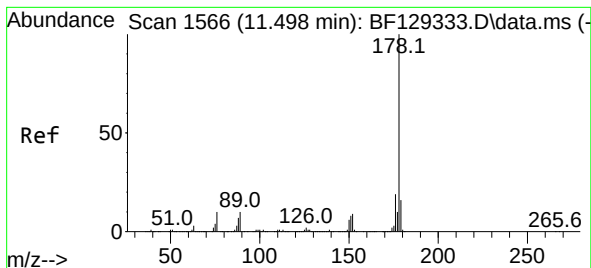
Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

179 15.7 12.6 19.0





#72

Anthracene

Concen: 47.088 ng

RT: 11.469 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

Instrument :

BNA_F

ClientSampleId :

RVE-98MSD

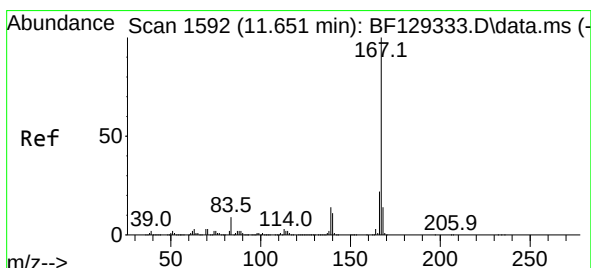
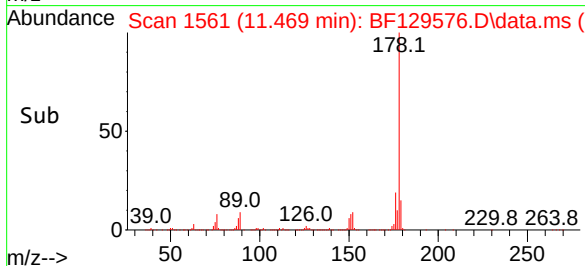
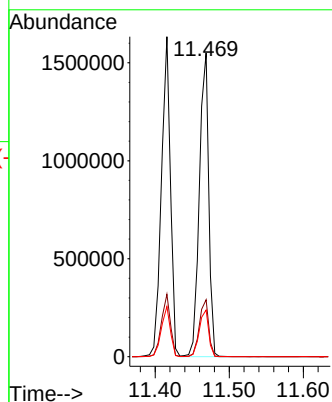
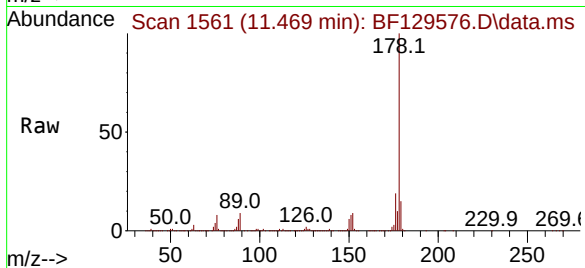
Tgt Ion:178 Resp: 1359529

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

179 15.4 12.6 19.0



#73

Carbazole

Concen: 44.351 ng

RT: 11.622 min Scan# 1587

Delta R.T. -0.006 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

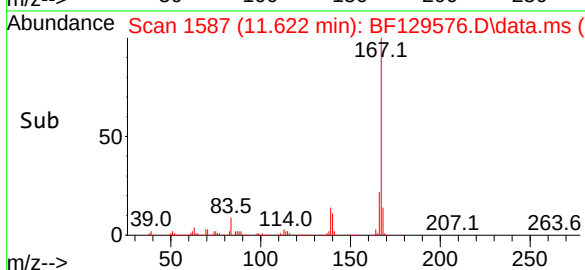
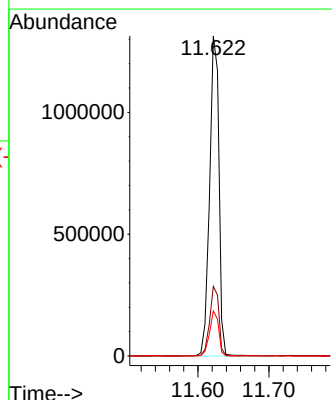
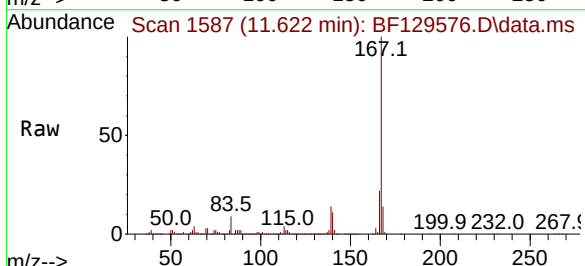
Tgt Ion:167 Resp: 1205386

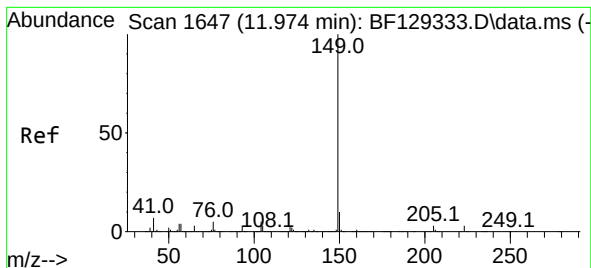
Ion Ratio Lower Upper

167 100

166 21.7 17.7 26.5

139 14.1 11.2 16.8





#74

Di-n-butylphthalate

Concen: 48.391 ng

RT: 11.939 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

Instrument :

BNA_F

ClientSampleId :

RVE-98MSD

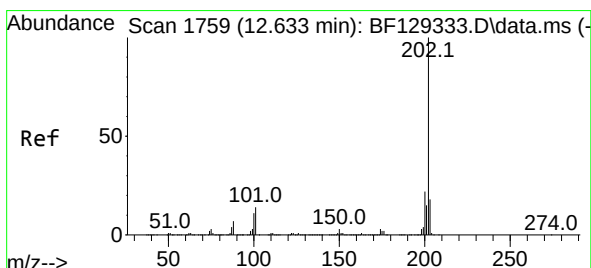
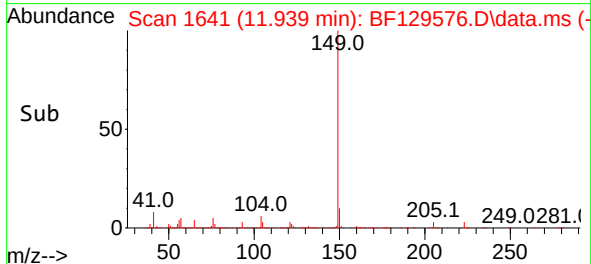
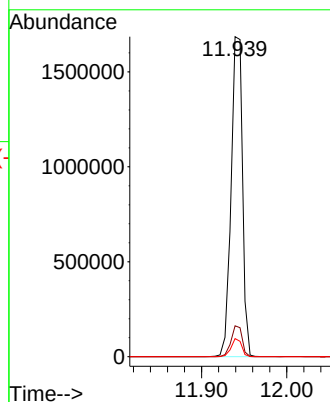
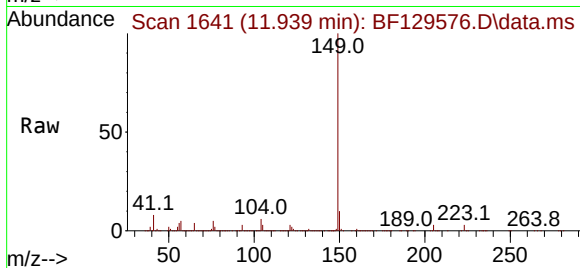
Tgt Ion:149 Resp: 1566252

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

104 5.6 4.4 6.6



#75

Fluoranthene

Concen: 40.589 ng

RT: 12.604 min Scan# 1754

Delta R.T. -0.006 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

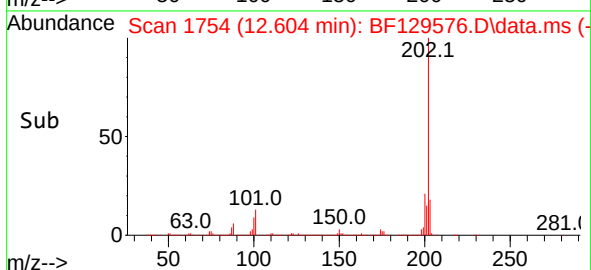
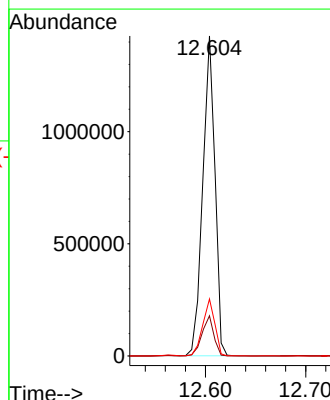
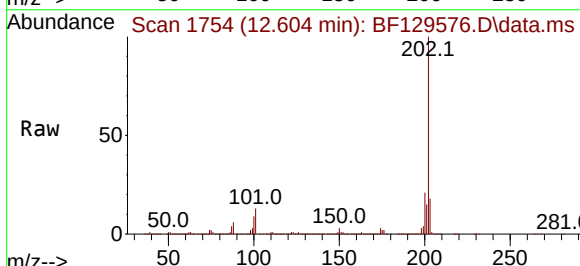
Tgt Ion:202 Resp: 1208291

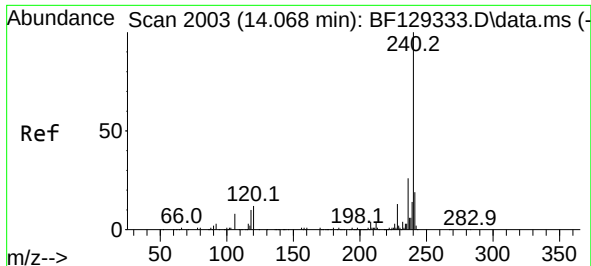
Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.4

203 17.8 0.0 38.0

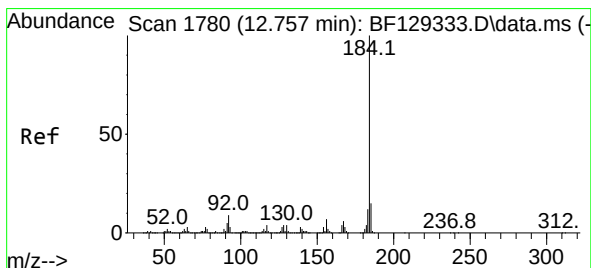
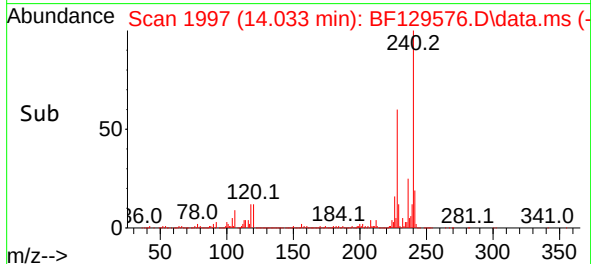
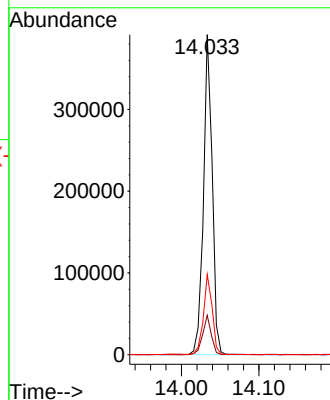
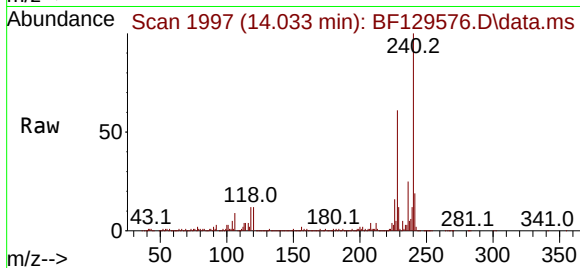




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

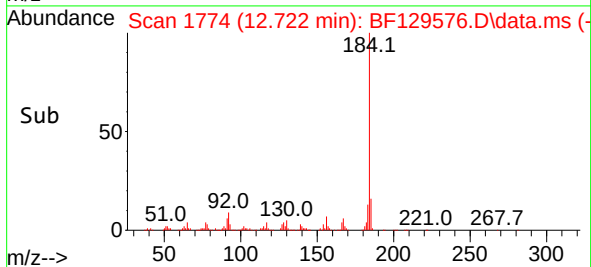
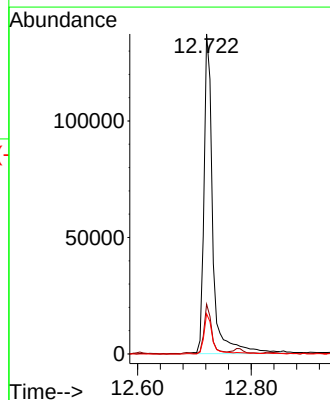
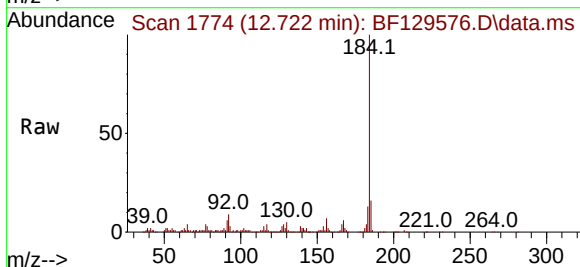
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

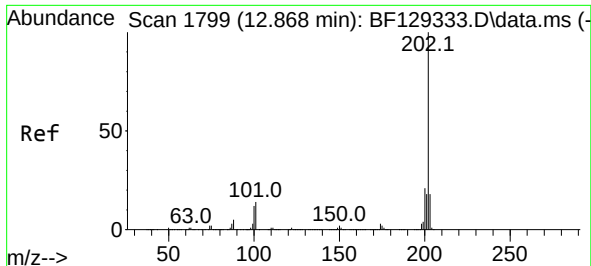
Tgt Ion:240 Resp: 306797
Ion Ratio Lower Upper
240 100
120 12.3 8.9 13.3
236 25.1 20.8 31.2



#77
Benzidine
Concen: 13.603 ng
RT: 12.722 min Scan# 1774
Delta R.T. -0.012 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion:184 Resp: 147435
Ion Ratio Lower Upper
184 100
185 15.5 11.9 17.9
183 12.5 9.3 13.9

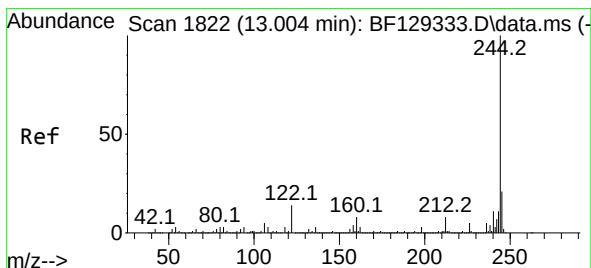
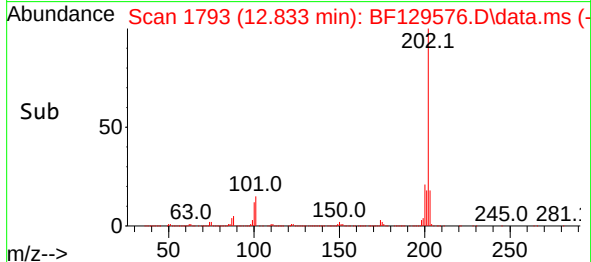
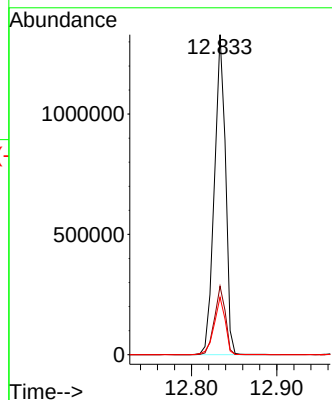
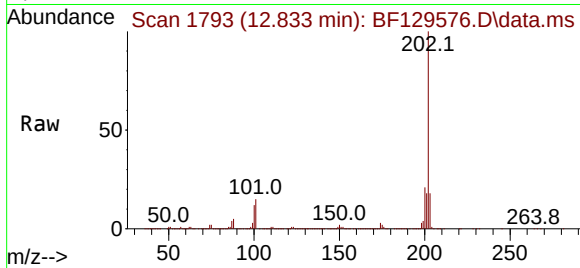




#78
 Pyrene
 Concen: 46.931 ng
 RT: 12.833 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF129576.D
 Acq: 04 Aug 2022 18:39

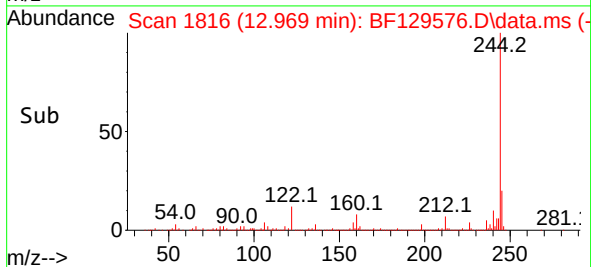
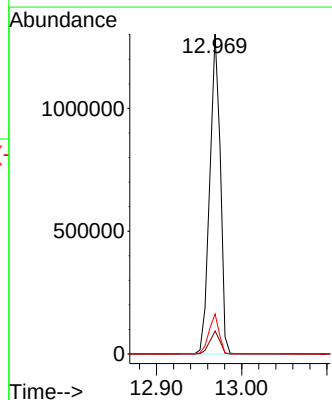
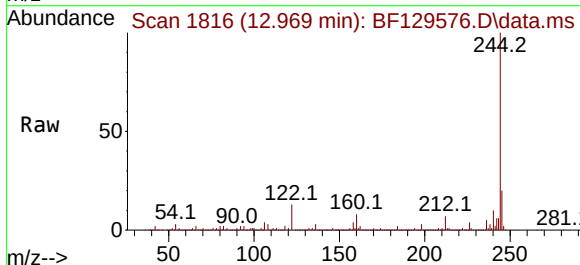
Instrument :
 BNA_F
 ClientSampleId :
 RVE-98MSD

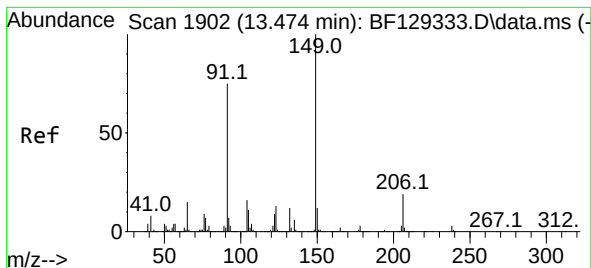
Tgt Ion:202 Resp: 1204029
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.7 26.5
 203 18.0 14.6 21.8



#79
 Terphenyl-d14
 Concen: 68.533 ng
 RT: 12.969 min Scan# 1816
 Delta R.T. -0.012 min
 Lab File: BF129576.D
 Acq: 04 Aug 2022 18:39

Tgt Ion:244 Resp: 1114492
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 12.5 8.8 13.2

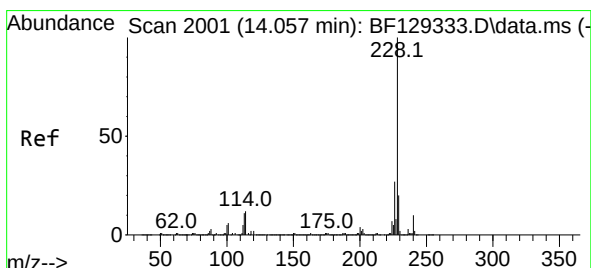
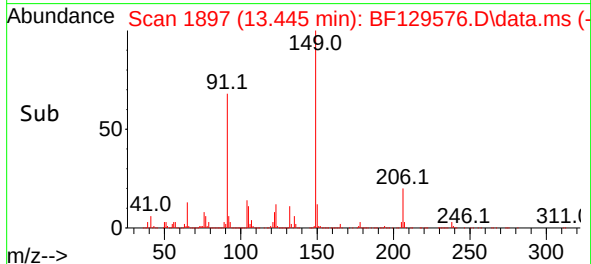
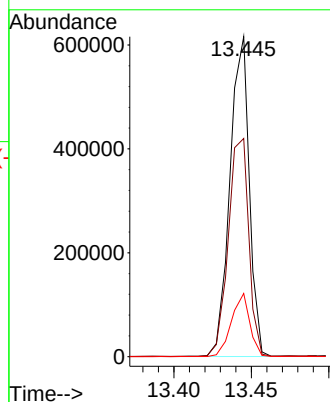
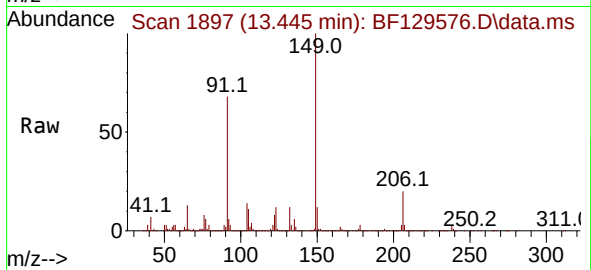




#80
Butylbenzylphthalate
Concen: 48.067 ng
RT: 13.445 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

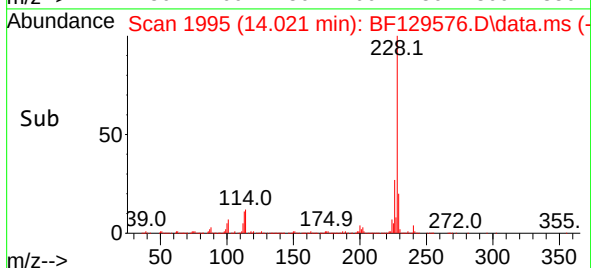
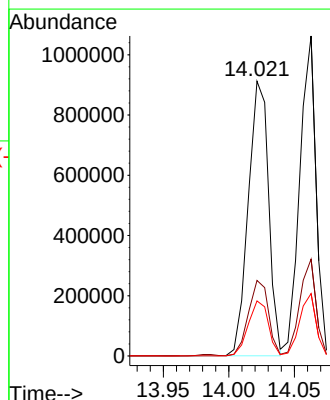
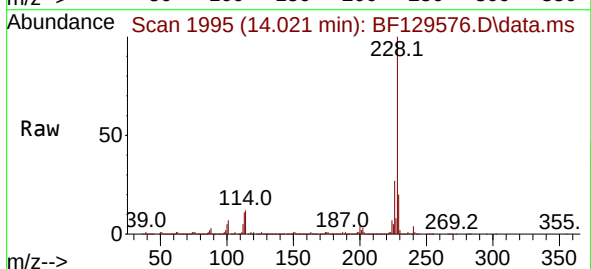
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

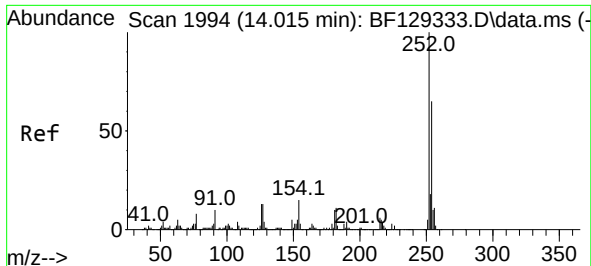
Tgt Ion:149 Resp: 534890
Ion Ratio Lower Upper
149 100
91 68.2 61.2 91.8
206 19.8 15.7 23.5



#81
Benzo(a)anthracene
Concen: 46.931 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion:228 Resp: 983549
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 20.0 15.8 23.8

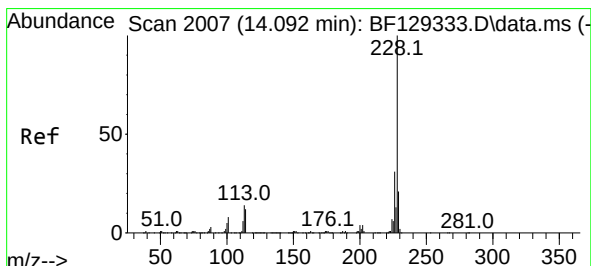
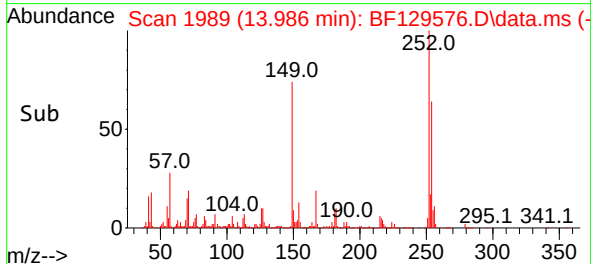
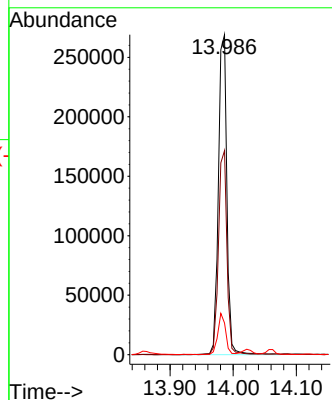
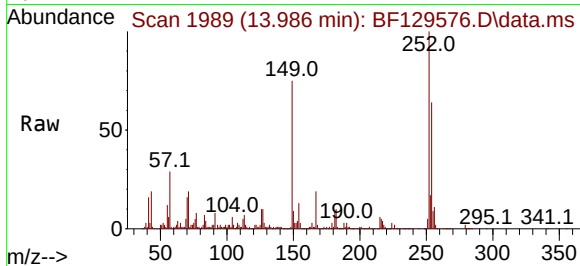




#82
 3,3'-Dichlorobenzidine
 Concen: 36.219 ng
 RT: 13.986 min Scan# 1994
 Delta R.T. -0.006 min
 Lab File: BF129576.D
 Acq: 04 Aug 2022 18:39

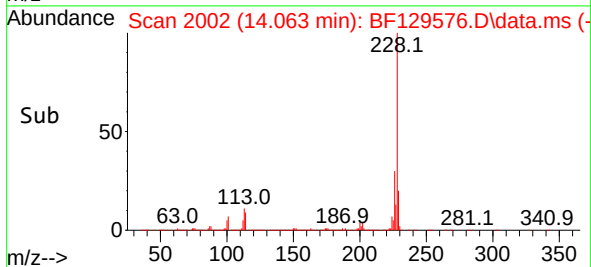
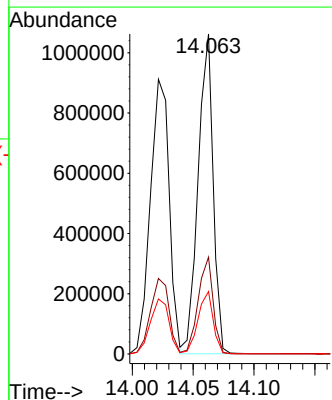
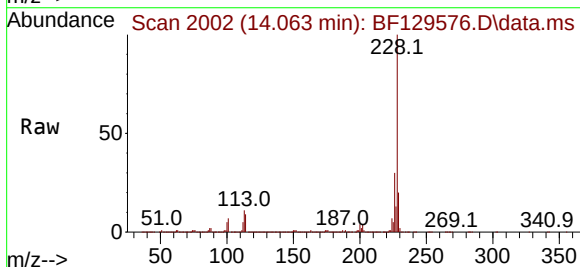
Instrument :
 BNA_F
 ClientSampleId :
 RVE-98MSD

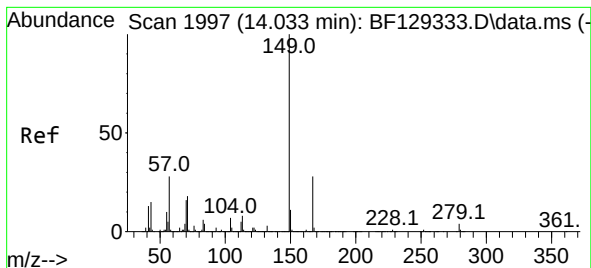
Tgt Ion:252 Resp: 250615
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.2 75.4
 126 9.9 8.2 12.4



#83
 Chrysene
 Concen: 46.293 ng
 RT: 14.063 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: BF129576.D
 Acq: 04 Aug 2022 18:39

Tgt Ion:228 Resp: 914355
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.3 36.5
 229 19.5 15.9 23.9

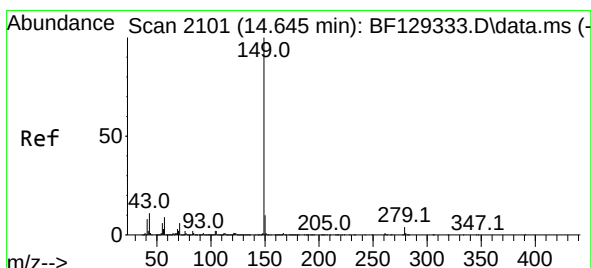
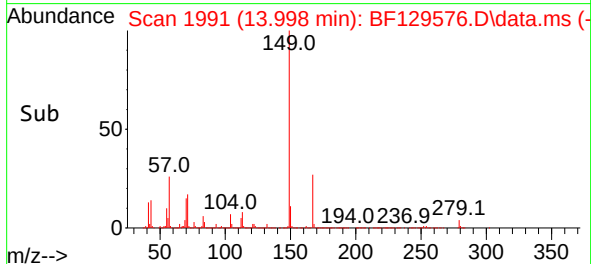
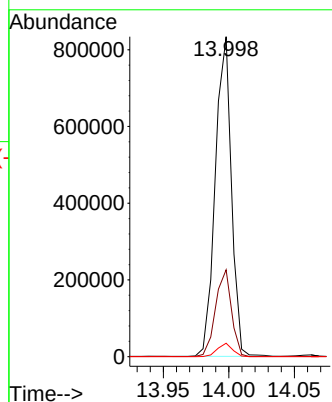
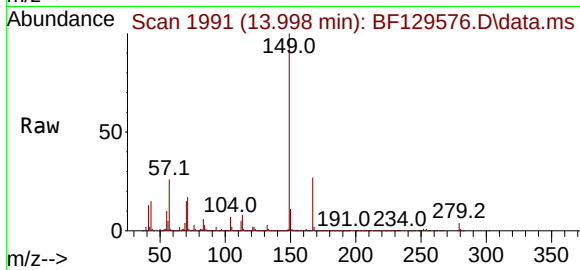




#84
Bis(2-ethylhexyl)phthalate
Concen: 48.595 ng
RT: 13.998 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

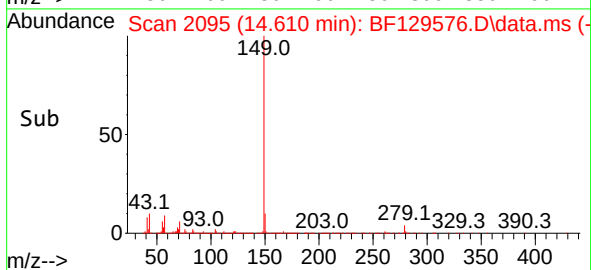
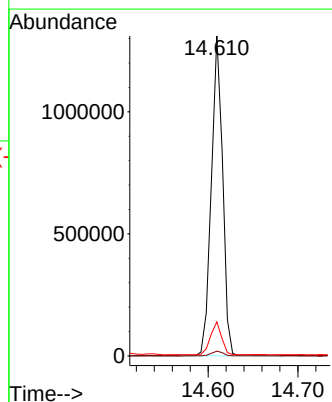
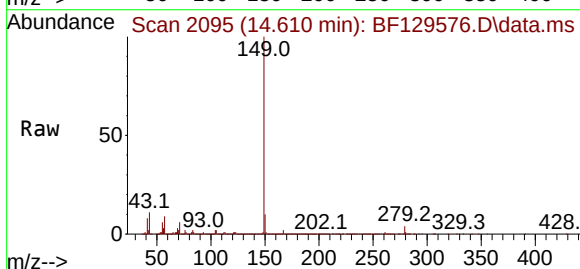
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

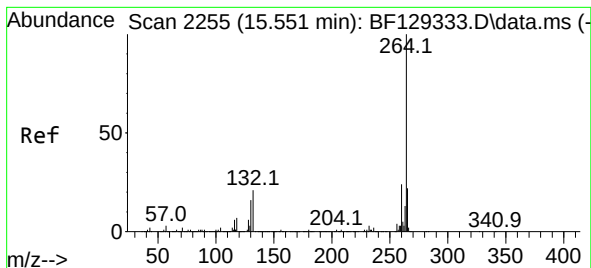
Tgt Ion:149 Resp: 711924
Ion Ratio Lower Upper
149 100
167 27.2 21.0 31.4
279 4.2 3.1 4.7



#85
Di-n-octyl phthalate
Concen: 54.271 ng
RT: 14.610 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

Tgt Ion:149 Resp: 1144137
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.1 9.2 13.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

Instrument :

BNA_F

ClientSampleId :

RVE-98MSD

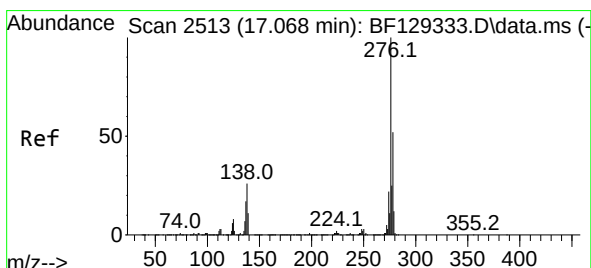
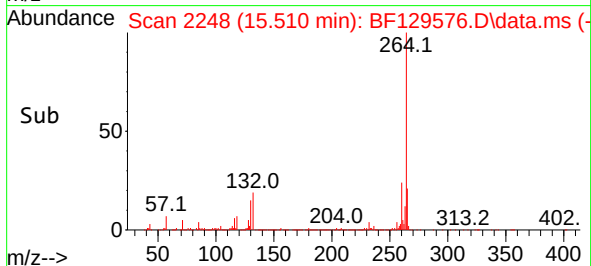
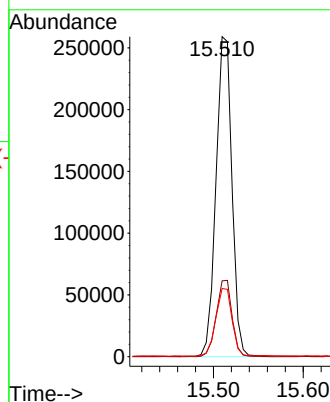
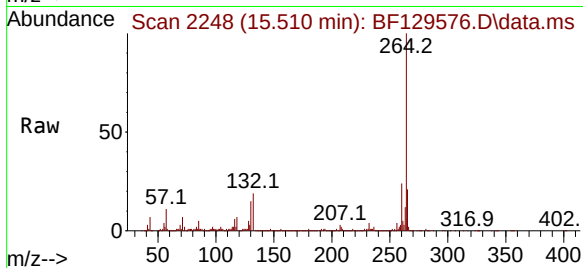
Tgt Ion:264 Resp: 320337

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 21.3 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 49.241 ng

RT: 17.015 min Scan# 2504

Delta R.T. -0.006 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

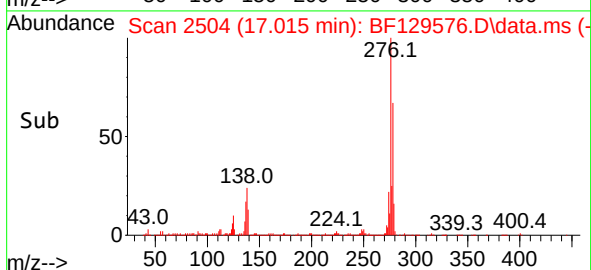
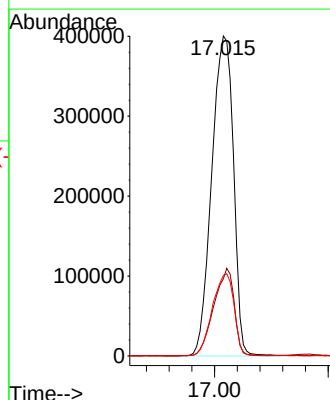
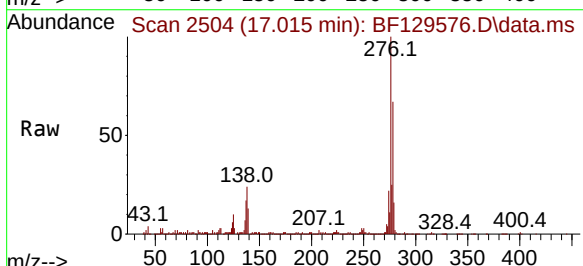
Tgt Ion:276 Resp: 1062216

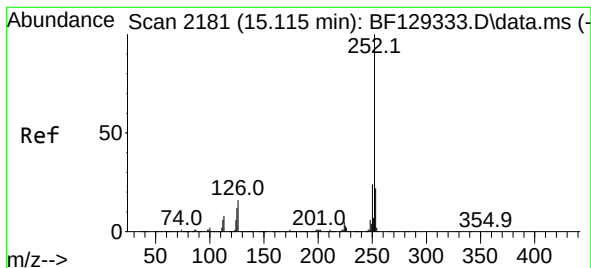
Ion Ratio Lower Upper

276 100

138 25.7 21.1 31.7

277 25.6 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 46.068 ng

RT: 15.080 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

Instrument :

BNA_F

ClientSampleId :

RVE-98MSD

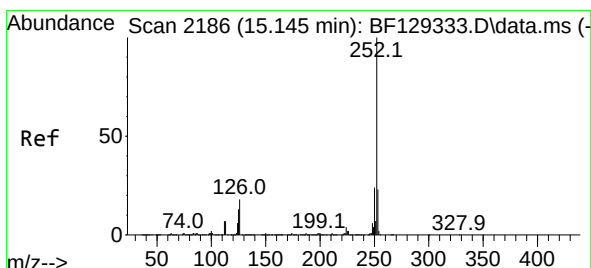
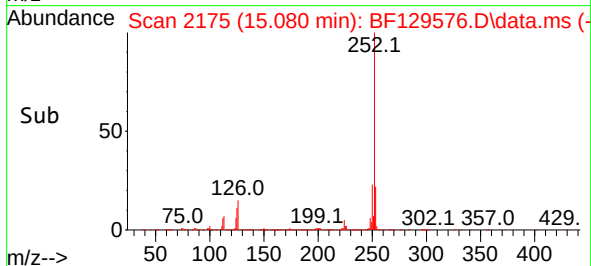
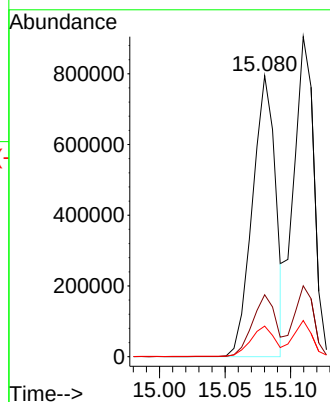
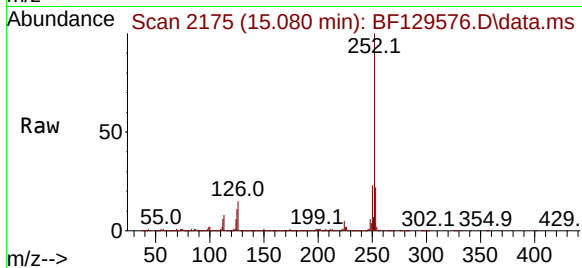
Tgt Ion:252 Resp: 978888

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 10.9 8.0 12.0



#89

Benzo(k)fluoranthene

Concen: 46.139 ng

RT: 15.110 min Scan# 2180

Delta R.T. -0.006 min

Lab File: BF129576.D

Acq: 04 Aug 2022 18:39

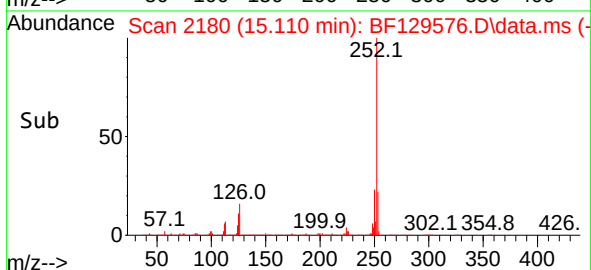
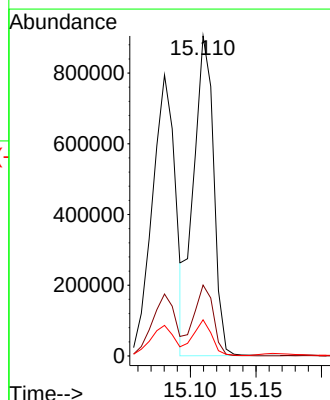
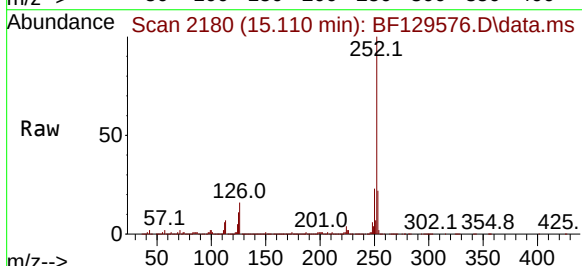
Tgt Ion:252 Resp: 960766

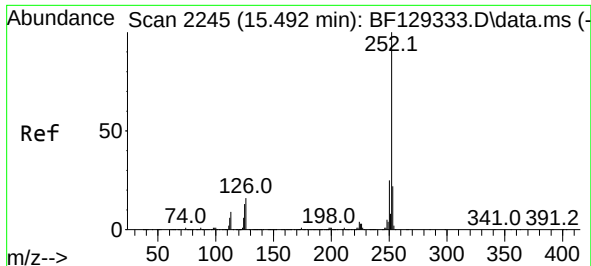
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 11.3 8.3 12.5

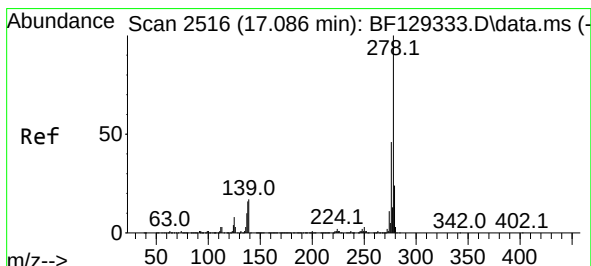
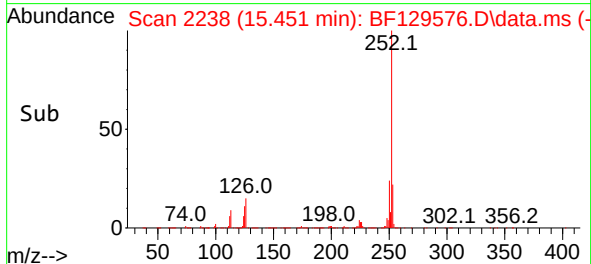
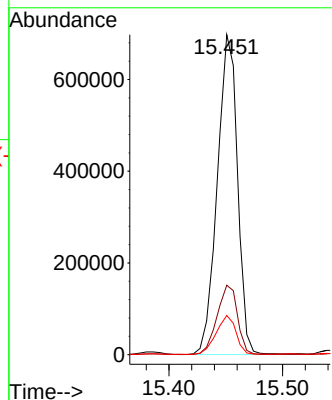
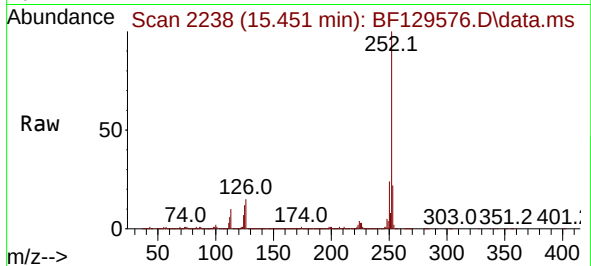




#90
Benzo(a)pyrene
Concen: 50.058 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

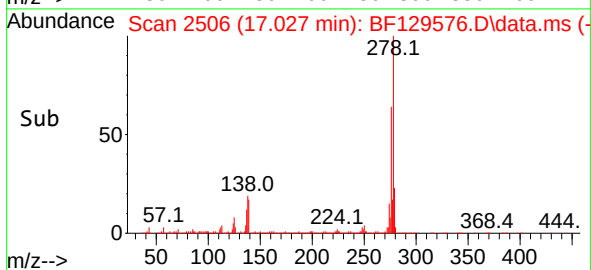
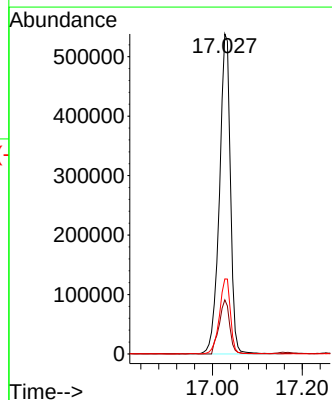
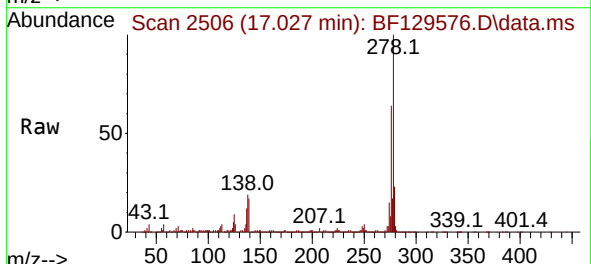
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

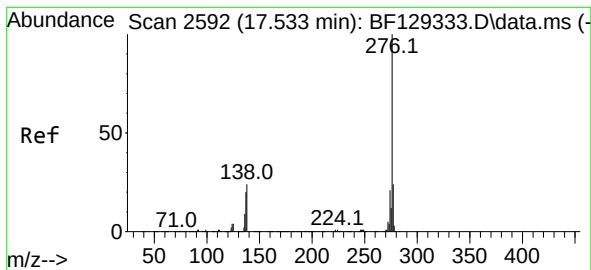
Tgt Ion:252 Resp: 863472
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 12.2 8.8 13.2



#91
Dibenzo(a,h)anthracene
Concen: 52.303 ng
RT: 17.027 min Scan# 2506
Delta R.T. -0.006 min
Lab File: BF129576.D
Acq: 04 Aug 2022 18:39

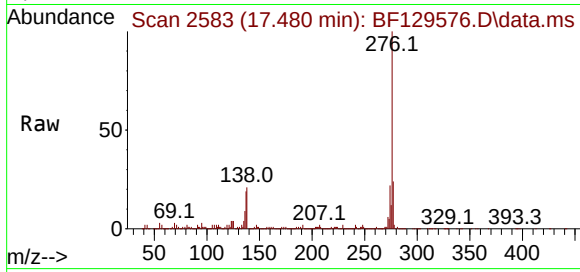
Tgt Ion:278 Resp: 918313
Ion Ratio Lower Upper
278 100
139 16.9 12.8 19.2
279 23.4 18.6 28.0





#92
 Benzo(g,h,i)perylene
 Concen: 50.752 ng
 RT: 17.480 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF129576.D
 Acq: 04 Aug 2022 18:39

Instrument :
 BNA_F
 ClientSampleId :
 RVE-98MSD



Tgt Ion:276 Resp: 910535
 Ion Ratio Lower Upper
 276 100
 277 23.5 19.1 28.7
 138 21.2 18.0 27.0

