

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129482.D
 Acq On : 01 Aug 2022 19:55
 Operator : CG\JU
 Sample : N3896-08MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-65MSD

Quant Time: Aug 02 01:17:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	168003	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	653927	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	301428	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	398131	20.000	ng	0.00
76) Chrysene-d12	14.051	240	308524	20.000	ng	0.00
86) Perylene-d12	15.533	264	358882	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1200871	116.439	ng	0.02
7) Phenol-d6	6.528	99	1489145	114.875	ng	0.00
23) Nitrobenzene-d5	7.445	82	943404	78.754	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	291554	100.605	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1631261	83.717	ng	0.00
79) Terphenyl-d14	12.986	244	1157144	70.758	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.705	88	192736	41.420	ng	90
3) Pyridine	3.499	79	522949	40.469	ng	90
4) n-Nitrosodimethylamine	3.440	42	266827	47.023	ng	# 95
6) Aniline	6.546	93	573658	35.597	ng	# 57
8) 2-Chlorophenol	6.669	128	556893	49.425	ng	98
9) Benzaldehyde	6.428	77	271050	30.790	ng	96
10) Phenol	6.540	94	643536	46.618	ng	# 72
11) bis(2-Chloroethyl)ether	6.610	93	527474	48.181	ng	94
12) 1,3-Dichlorobenzene	6.816	146	577228	47.767	ng	99
13) 1,4-Dichlorobenzene	6.893	146	588244	47.864	ng	99
14) 1,2-Dichlorobenzene	7.045	146	560690	49.634	ng	98
15) Benzyl Alcohol	7.022	79	469826	49.973	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	725215	44.069	ng	50
17) 2-Methylphenol	7.145	107	421853	45.131	ng	# 90
18) Hexachloroethane	7.387	117	225694	48.771	ng	90
19) n-Nitroso-di-n-propyla...	7.293	70	371835	47.381	ng	92
20) 3+4-Methylphenols	7.298	107	525476	44.214	ng	# 81
22) Acetophenone	7.287	105	742763	48.787	ng	100
24) Nitrobenzene	7.463	77	568792	46.110	ng	96
25) Isophorone	7.698	82	998069	46.481	ng	99
26) 2-Nitrophenol	7.775	139	287564	47.254	ng	99
27) 2,4-Dimethylphenol	7.822	122	459868	50.378	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	623234	50.033	ng	100
29) 2,4-Dichlorophenol	8.028	162	423947	44.996	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	443081	45.434	ng	96
31) Naphthalene	8.181	128	1494230	44.975	ng	100
32) Benzoic acid	7.928	122	101113	15.322	ng	96
33) 4-Chloroaniline	8.234	127	385727	28.279	ng	97
34) Hexachlorobutadiene	8.292	225	270057	48.716	ng	98
35) Caprolactam	8.604	113	66773	21.799	ng	# 87
36) 4-Chloro-3-methylphenol	8.728	107	421799	42.210	ng	93
37) 2-Methylnaphthalene	8.875	142	955096	44.237	ng	100
38) 1-Methylnaphthalene	8.969	142	908301	43.580	ng	97
40) 1,2,4,5-Tetrachloroben...	9.039	216	409061	51.683	ng	98
41) Hexachlorocyclopentadiene	9.022	237	410099	116.360	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	263250	45.793	ng	98

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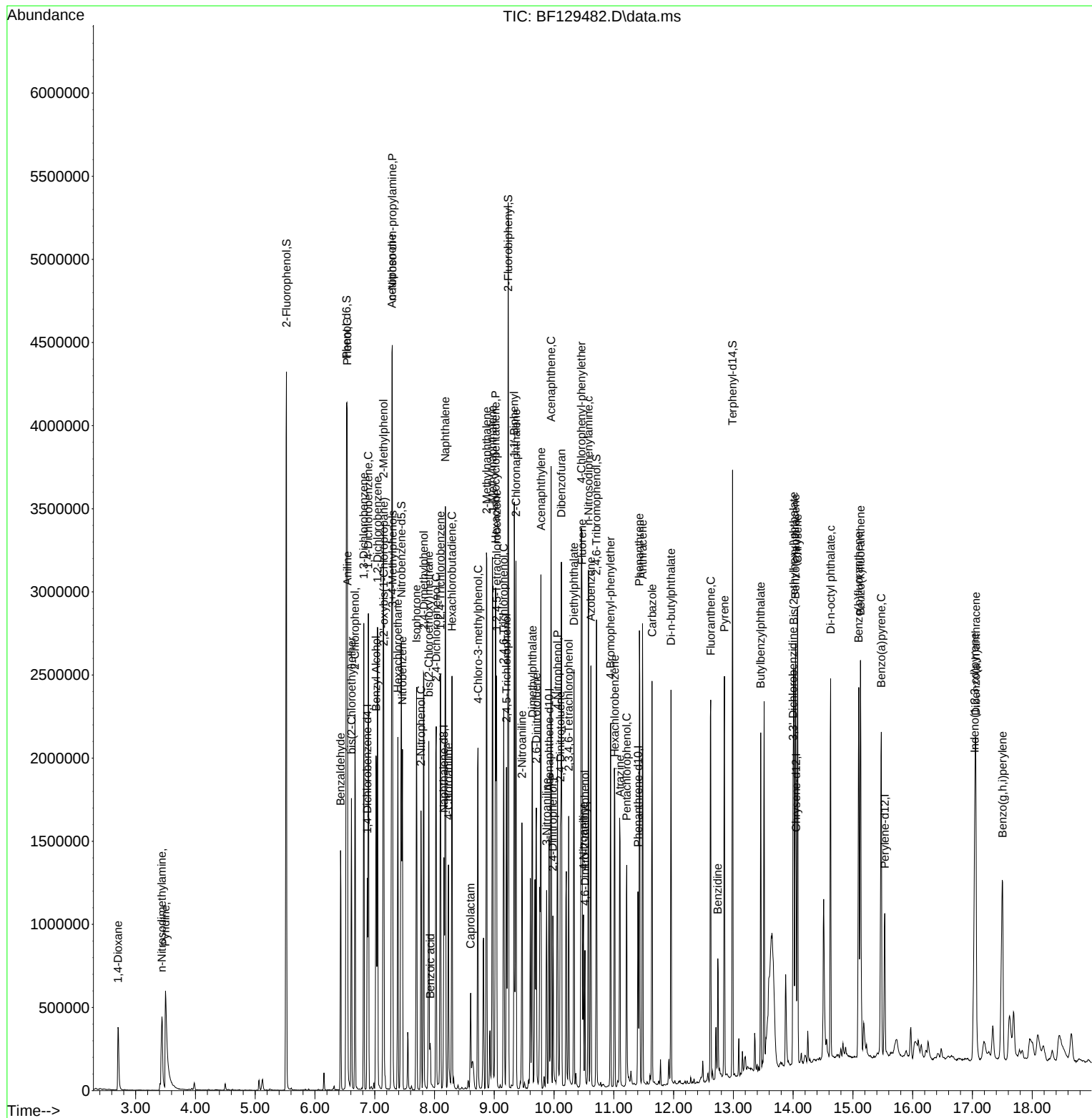
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	271723	43.465	ng	95
46) 1,1'-Biphenyl	9.334	154	1115941	50.729	ng	99
47) 2-Chloronaphthalene	9.363	162	865646	48.677	ng	99
48) 2-Nitroaniline	9.463	65	256630	43.398	ng	93
49) Acenaphthylene	9.781	152	1278606	47.318	ng	99
50) Dimethylphthalate	9.639	163	939105	45.131	ng	99
51) 2,6-Dinitrotoluene	9.704	165	208197	44.703	ng	96
52) Acenaphthene	9.951	154	746226	42.281	ng	99
53) 3-Nitroaniline	9.875	138	168832	30.699	ng	95
54) 2,4-Dinitrophenol	9.981	184	130338	54.820	ng	96
55) Dibenzofuran	10.122	168	1099369	45.186	ng	96
56) 4-Nitrophenol	10.057	139	250600	61.765	ng	98
57) 2,4-Dinitrotoluene	10.104	165	260094	42.749	ng	99
58) Fluorene	10.469	166	842905	43.300	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	173346	35.881	ng	94
60) Diethylphthalate	10.334	149	859465	42.727	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	392463	45.731	ng	94
62) 4-Nitroaniline	10.492	138	178480	32.715	ng	93
63) Azobenzene	10.616	77	841278	41.004	ng	95
65) 4,6-Dinitro-2-methylph...	10.516	198	92552	36.831	ng	92
66) n-Nitrosodiphenylamine	10.575	169	701348	52.897	ng	97
67) 4-Bromophenyl-phenylether	10.945	248	230951	52.974	ng	95
68) Hexachlorobenzene	11.016	284	250153	52.956	ng	93
69) Atrazine	11.104	200	186413	46.288	ng	98
70) Pentachlorophenol	11.216	266	154484	60.157	ng	99
71) Phenanthrene	11.428	178	1017723	46.829	ng	99
72) Anthracene	11.480	178	1026764	48.076	ng	99
73) Carbazole	11.639	167	866872	43.118	ng	99
74) Di-n-butylphthalate	11.957	149	1063913	44.437	ng	99
75) Fluoranthene	12.622	202	939484	42.664	ng	98
77) Benzidine	12.739	184	272398	24.992	ng	99
78) Pyrene	12.851	202	951019	36.862	ng	98
80) Butylbenzylphthalate	13.457	149	422868	37.788	ng	96
81) Benzo(a)anthracene	14.039	228	941886	44.692	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	290885	41.804	ng	# 99
83) Chrysene	14.074	228	877237	44.165	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	581827	39.492	ng	100
85) Di-n-octyl phthalate	14.627	149	1079303	50.909	ng	97
87) Indeno(1,2,3-cd)pyrene	17.039	276	1113634	46.080	ng	99
88) Benzo(b)fluoranthene	15.098	252	1062285	44.623	ng	99
89) Benzo(k)fluoranthene	15.127	252	1025603	43.963	ng	99
90) Benzo(a)pyrene	15.474	252	950108	49.165	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	951110	48.353	ng	98
92) Benzo(g,h,i)perylene	17.504	276	927208	46.131	ng	99

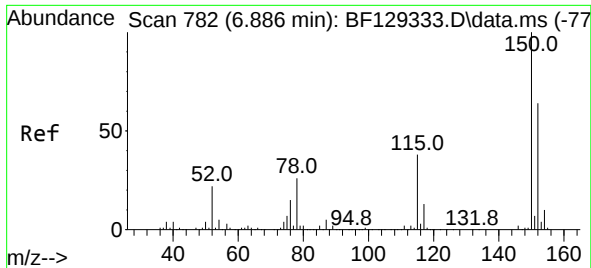
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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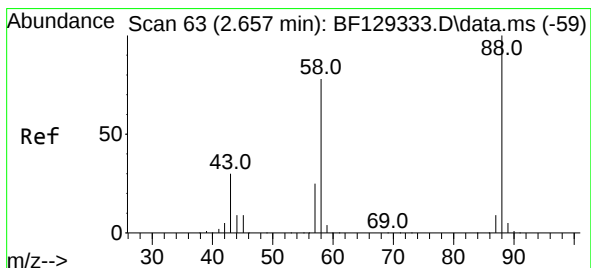
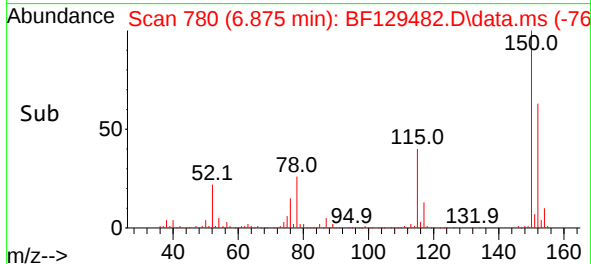
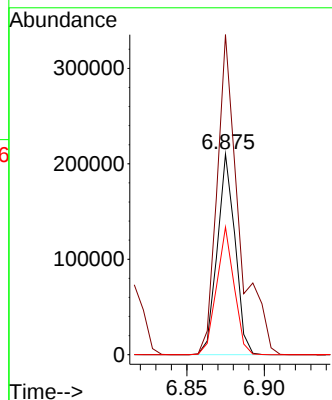
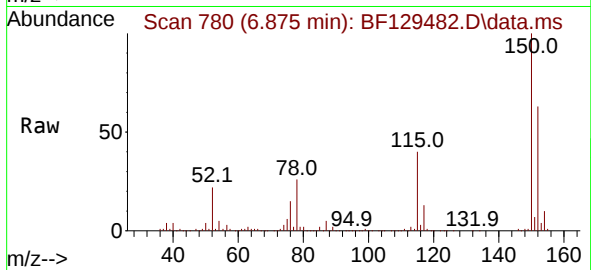




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129482.D
 Acq: 01 Aug 2022 19:55

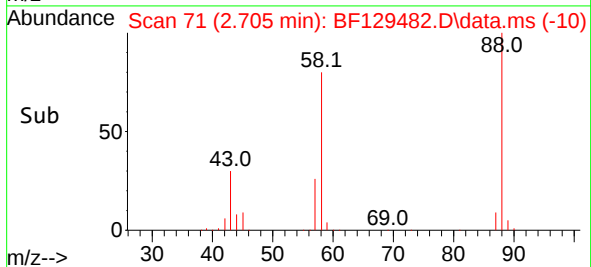
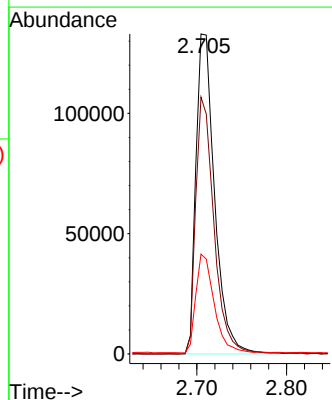
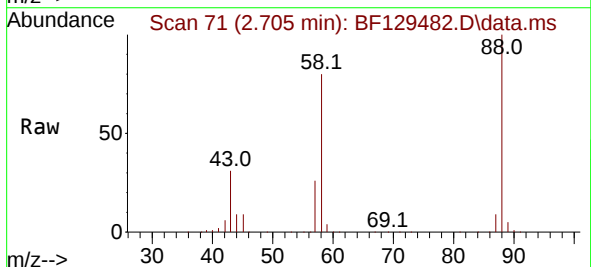
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 BNA_F
 ClientSampleId :
 RVE-65MSD

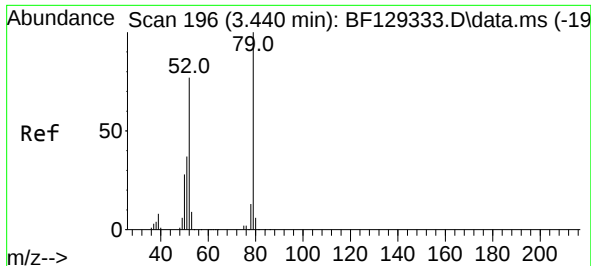
Tgt Ion:152 Resp: 168003
 Ion Ratio Lower Upper
 152 100
 150 159.5 123.7 185.5
 115 63.6 49.9 74.9



#2
 1,4-Dioxane
 Concen: 41.420 ng
 RT: 2.705 min Scan# 71
 Delta R.T. 0.059 min
 Lab File: BF129482.D
 Acq: 01 Aug 2022 19:55

Tgt Ion: 88 Resp: 192736
 Ion Ratio Lower Upper
 88 100
 58 78.4 71.8 107.8
 43 30.4 26.6 39.8





#3

Pyridine

Concen: 40.469 ng

RT: 3.499 min Scan# 206

Delta R.T. 0.065 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

Instrument :

BNA_F

ClientSampleId :

RVE-65MSD

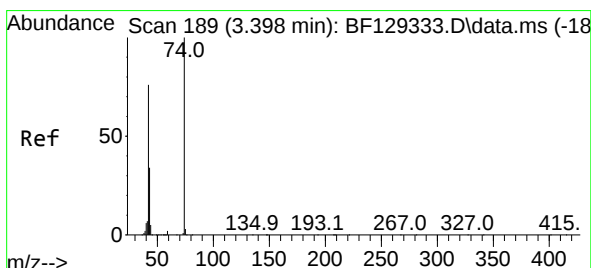
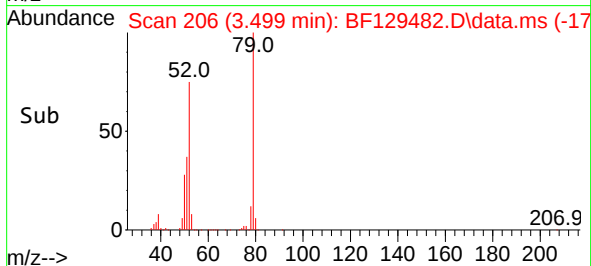
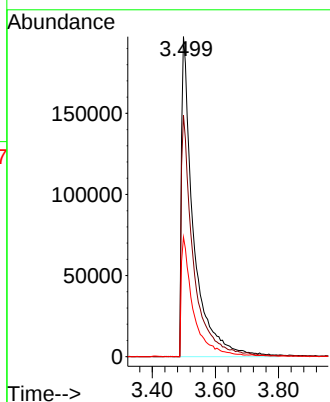
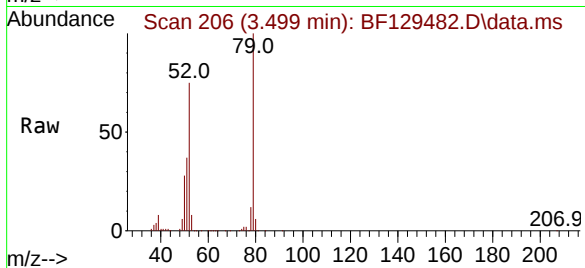
Tgt Ion: 79 Resp: 522949

Ion Ratio Lower Upper

79 100

52 75.4 68.6 102.8

51 37.4 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 47.023 ng

RT: 3.440 min Scan# 196

Delta R.T. 0.053 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

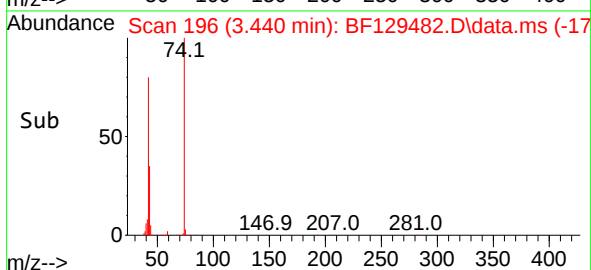
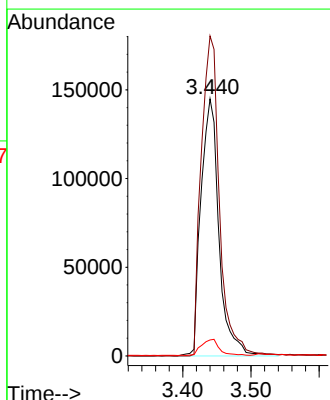
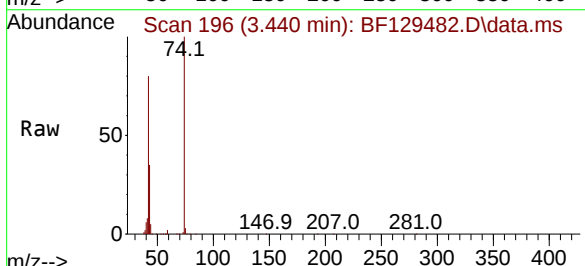
Tgt Ion: 42 Resp: 266827

Ion Ratio Lower Upper

42 100

74 124.4 94.8 142.2

44 6.2 6.6 10.0#

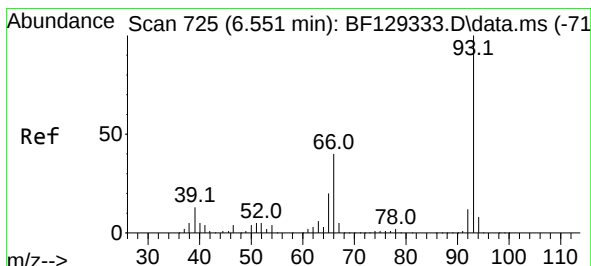
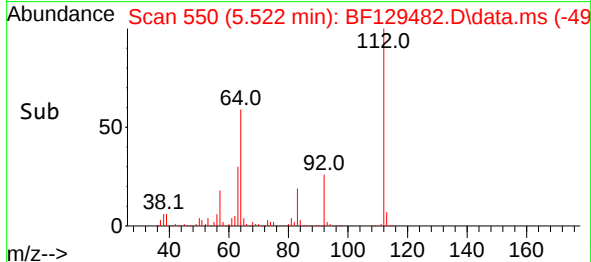
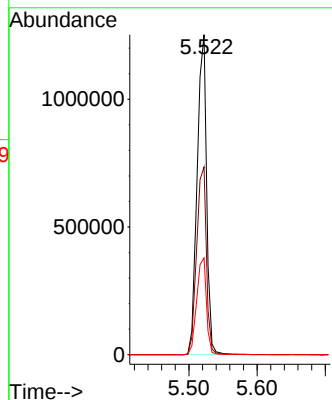
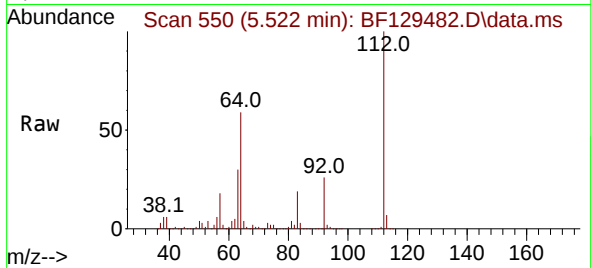




#5
2-Fluorophenol
Concen: 116.439 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

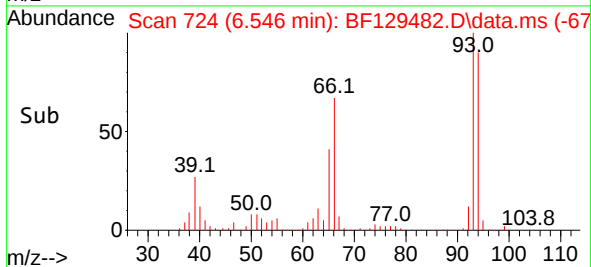
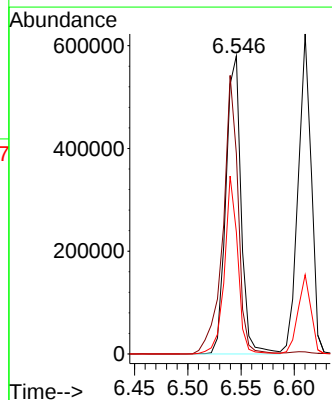
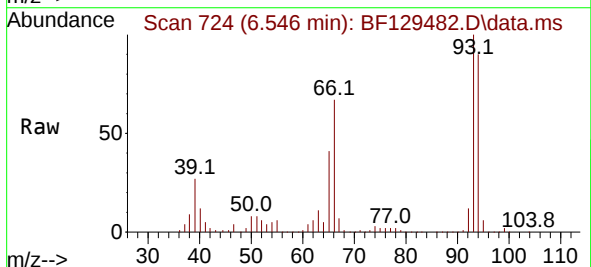
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Tgt Ion:112 Resp: 1200871
Ion Ratio Lower Upper
112 100
64 58.7 53.3 79.9
63 30.3 28.0 42.0



#6
Aniline
Concen: 35.597 ng
RT: 6.546 min Scan# 724
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion: 93 Resp: 573658
Ion Ratio Lower Upper
93 100
66 67.2 32.5 48.7#
65 40.9 16.4 24.6#

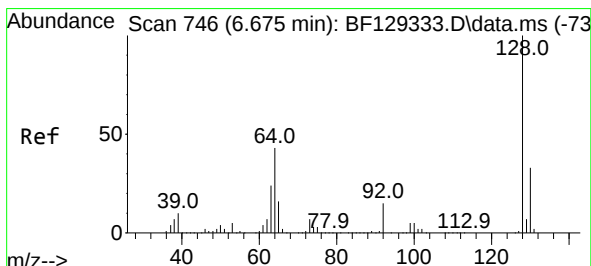
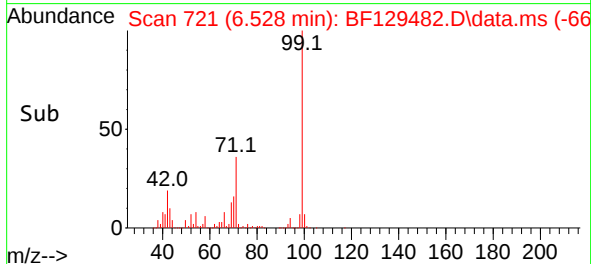
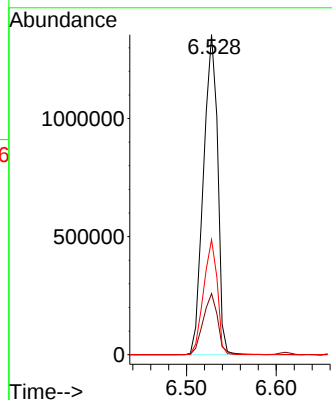
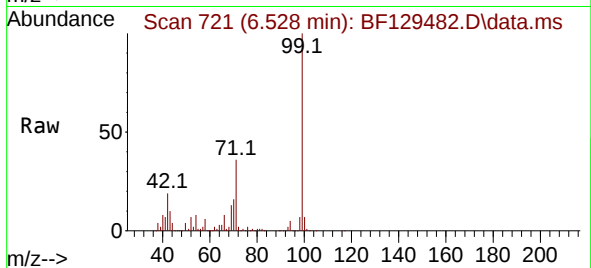




#7
Phenol-d6
Concen: 114.875 ng
RT: 6.528 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

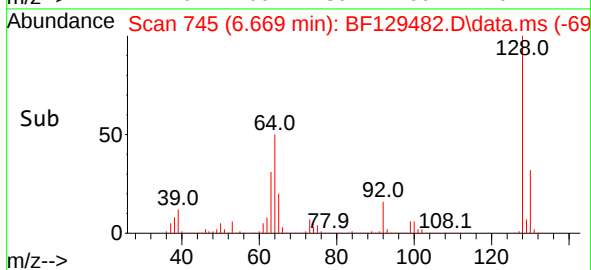
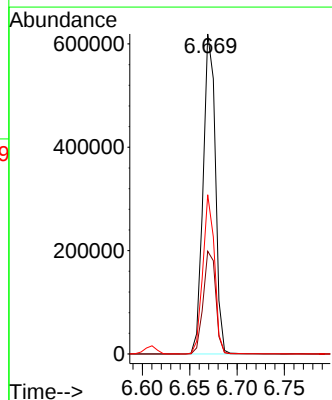
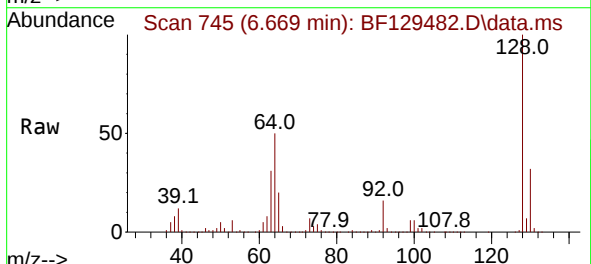
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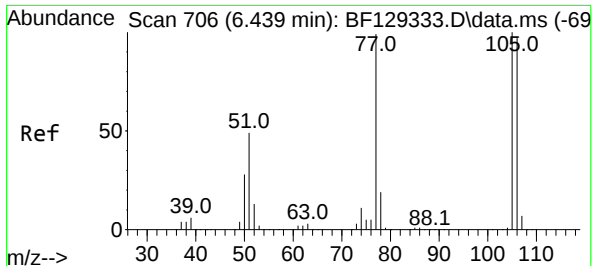
Tgt Ion: 99 Resp: 1489145
Ion Ratio Lower Upper
99 100
42 19.1 17.3 25.9
71 35.9 28.9 43.3



#8
2-Chlorophenol
Concen: 49.425 ng
RT: 6.669 min Scan# 745
Delta R.T. 0.000 min
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Tgt Ion: 128 Resp: 556893
Ion Ratio Lower Upper
128 100
130 32.1 13.1 53.1
64 49.8 30.9 70.9

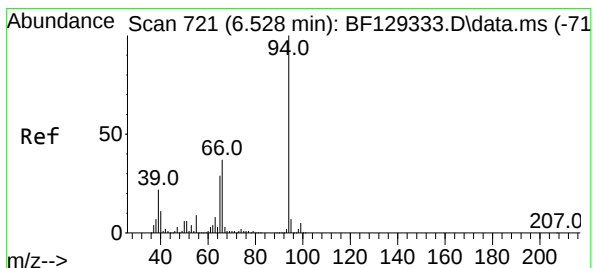
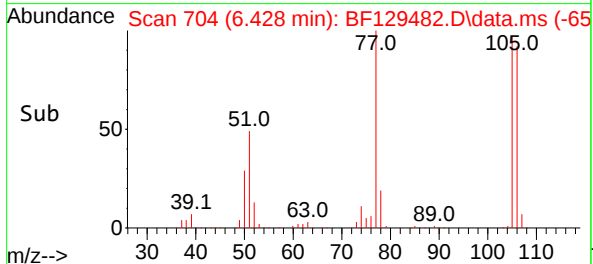
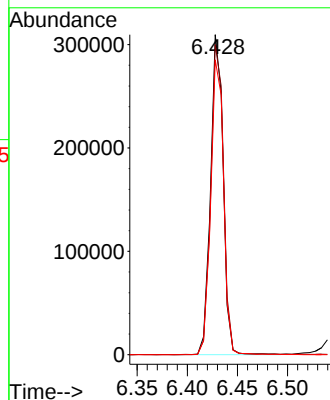
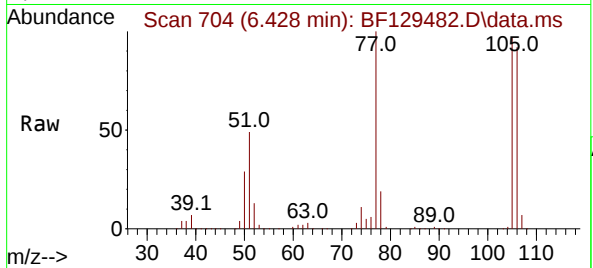




#9
Benzaldehyde
Concen: 30.790 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.006 min
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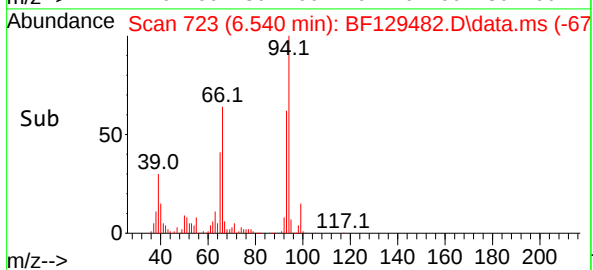
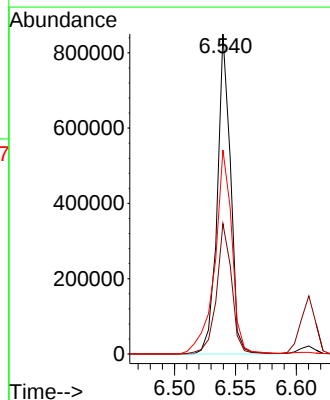
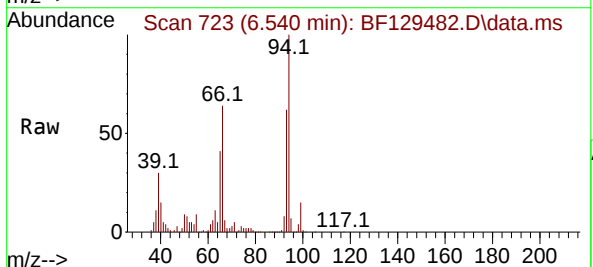
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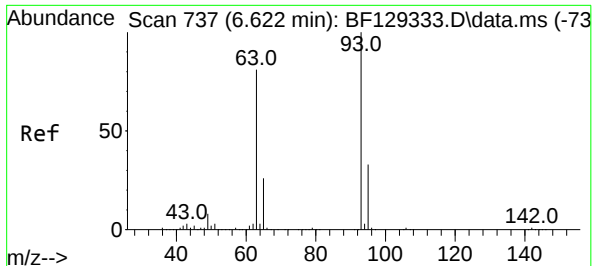
Tgt Ion: 77 Resp: 271050
Ion Ratio Lower Upper
77 100
105 96.9 81.6 121.6
106 92.2 76.1 116.1



#10
Phenol
Concen: 46.618 ng
RT: 6.540 min Scan# 723
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 643536
Ion Ratio Lower Upper
94 100
65 40.7 11.4 51.4
66 63.8 21.4 61.4#

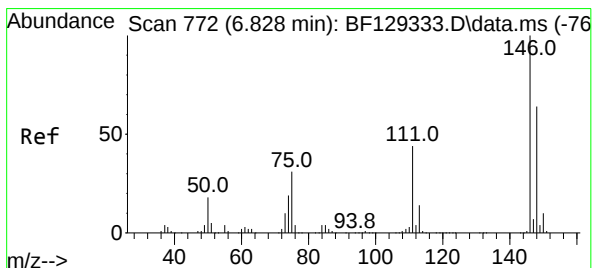
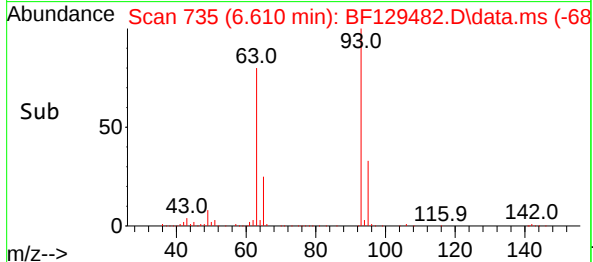
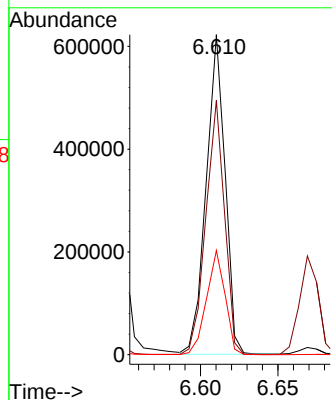
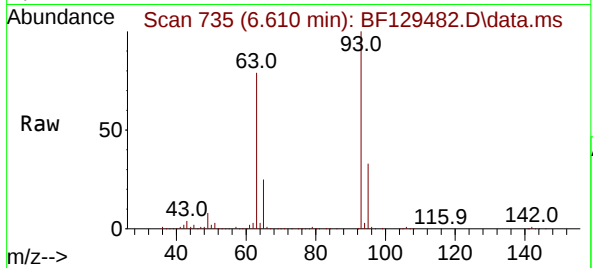




#11
bis(2-Chloroethyl)ether
Concen: 48.181 ng
RT: 6.610 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

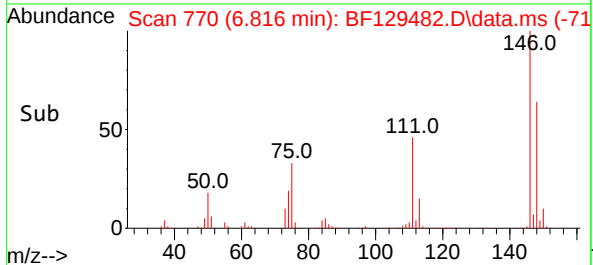
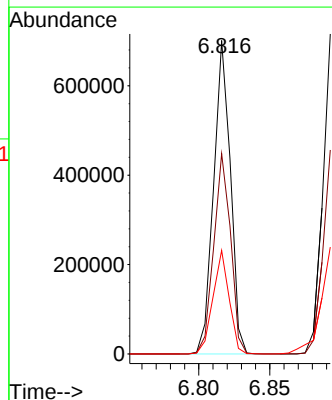
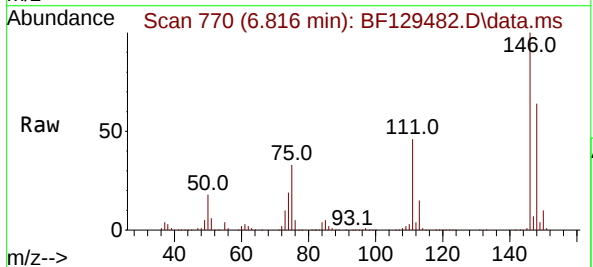
Instrument :
BNA_F
ClientSampleId :
RVE-65MSD

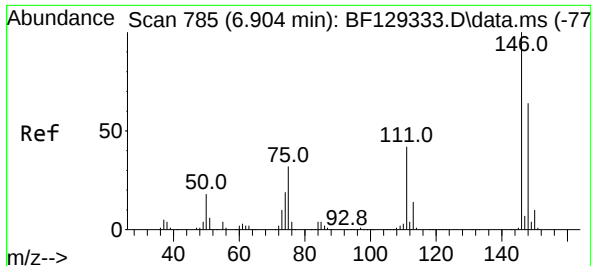
Tgt Ion: 93 Resp: 527474
Ion Ratio Lower Upper
93 100
63 79.4 67.4 107.4
95 32.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 47.767 ng
RT: 6.816 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion:146 Resp: 577228
Ion Ratio Lower Upper
146 100
148 63.9 50.6 75.8
75 33.0 26.3 39.5

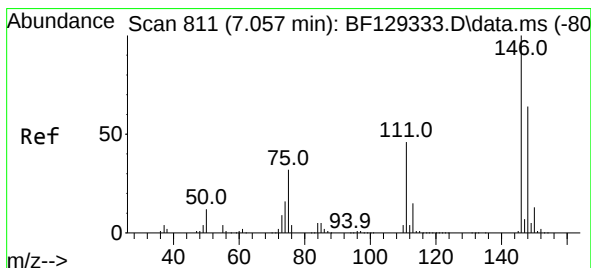
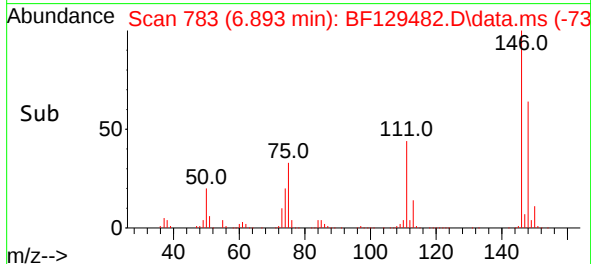
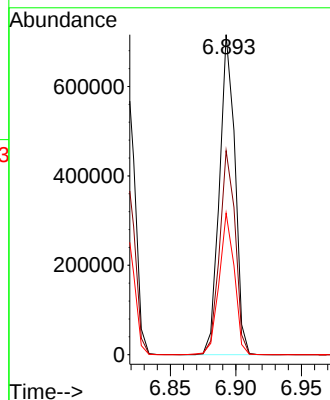
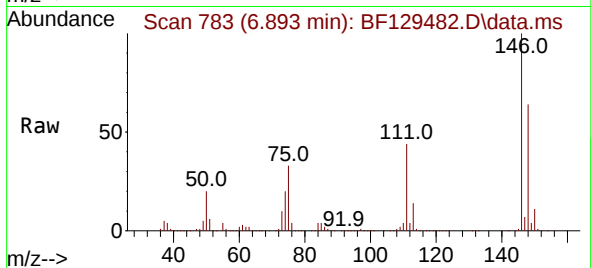




#13
1,4-Dichlorobenzene
Concen: 47.864 ng
RT: 6.893 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

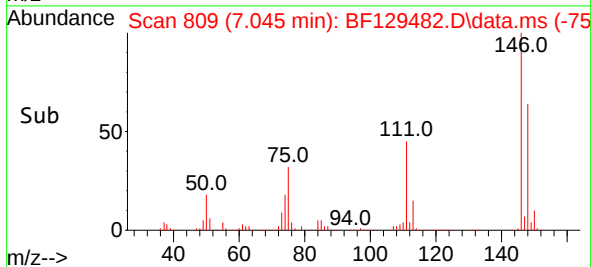
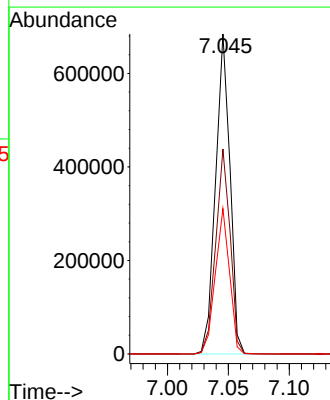
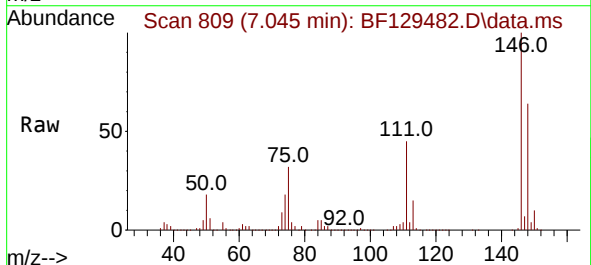
Instrument :
BNA_F
ClientSampleId :
RVE-65MSD

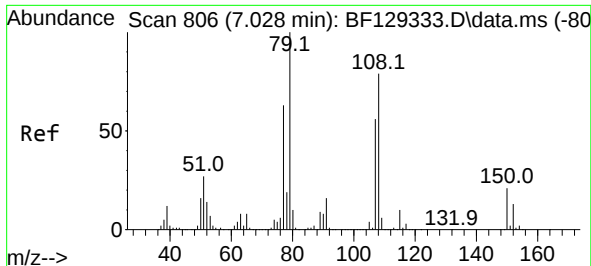
Tgt Ion:146 Resp: 588244
Ion Ratio Lower Upper
146 100
148 63.8 51.1 76.7
111 44.2 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 49.634 ng
RT: 7.045 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion:146 Resp: 560690
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
111 45.4 35.1 52.7

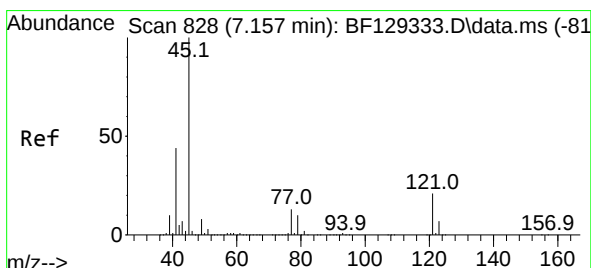
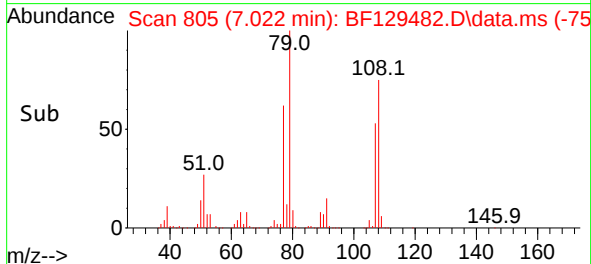
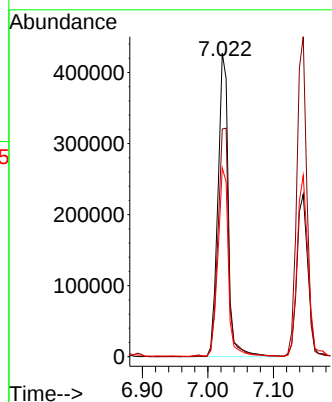
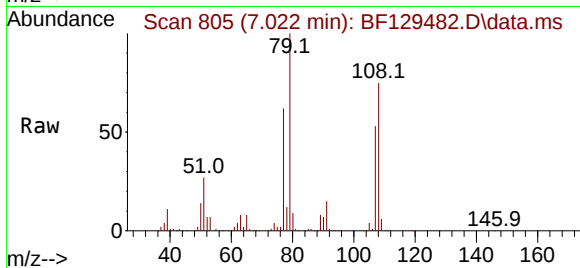




#15
Benzyl Alcohol
Concen: 49.973 ng
RT: 7.022 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

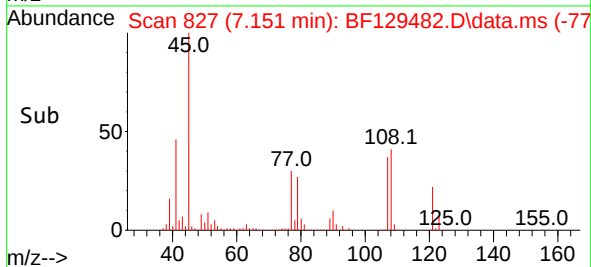
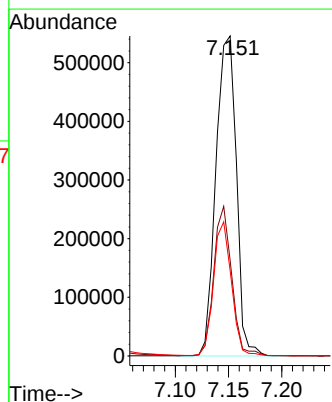
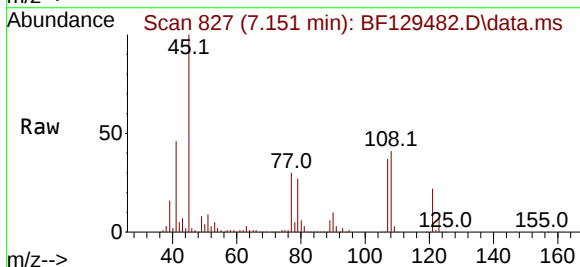
Instrument :
BNA_F
ClientSampleId :
RVE-65MSD

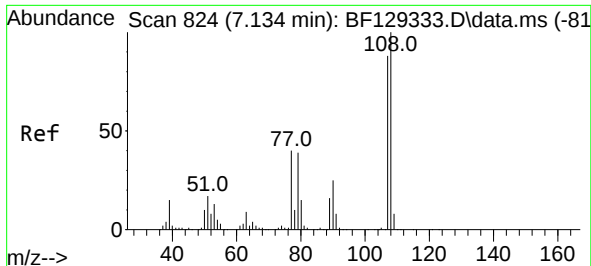
Tgt Ion: 79 Resp: 469826
Ion Ratio Lower Upper
79 100
108 75.0 61.8 92.6
77 62.2 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.069 ng
RT: 7.151 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion: 45 Resp: 725215
Ion Ratio Lower Upper
45 100
77 29.9 0.0 31.3
79 26.7 0.0 28.3

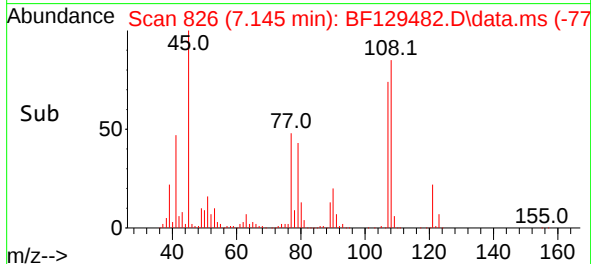
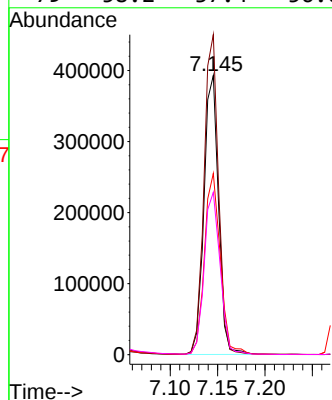
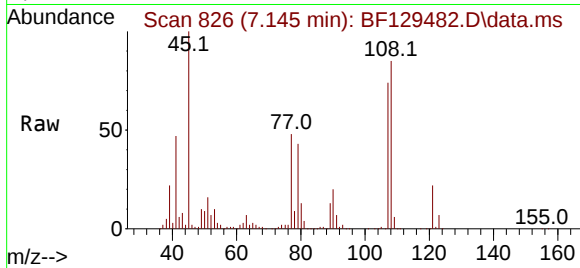




#17
2-Methylphenol
Concen: 45.131 ng
RT: 7.145 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

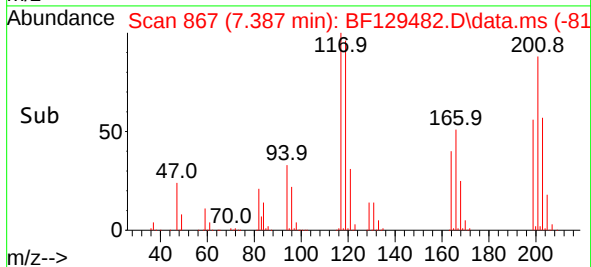
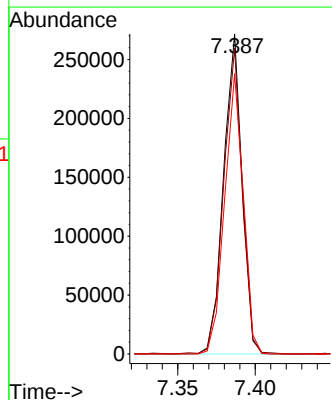
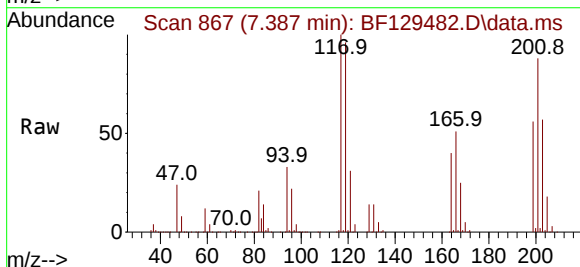
Instrument :
BNA_F
ClientSampleId :
RVE-65MSD

Tgt Ion:107 Resp: 421853
Ion Ratio Lower Upper
107 100
108 114.6 91.9 137.9
77 64.9 37.8 56.8#
79 58.2 37.4 56.0#



#18
Hexachloroethane
Concen: 48.771 ng
RT: 7.387 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion:117 Resp: 225694
Ion Ratio Lower Upper
117 100
119 95.7 77.4 116.2
201 87.6 84.6 127.0



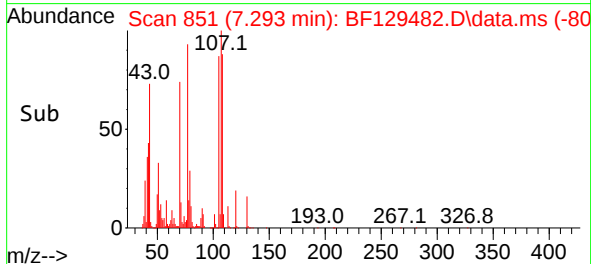
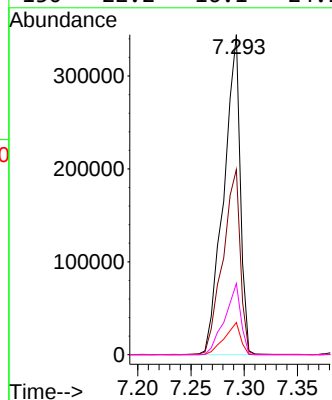
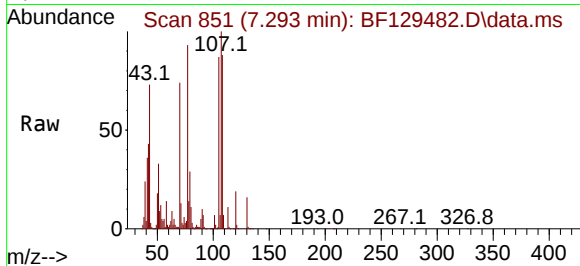


#19
n-Nitroso-di-n-propylamine
Concen: 47.381 ng
RT: 7.293 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Instrument :
BNA_F
ClientSampleId :
RVE-65MSD

Tgt Ion: 70 Resp: 371835

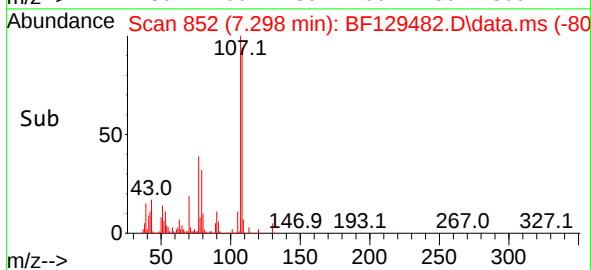
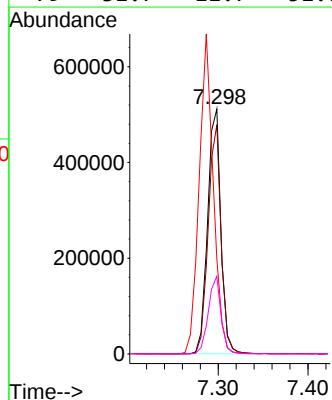
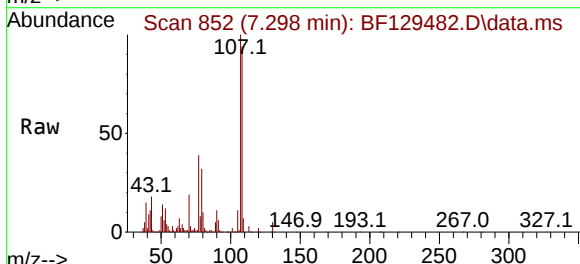
Ion	Ratio	Lower	Upper
70	100		
42	57.9	52.3	78.5
101	10.1	7.5	11.3
130	22.2	16.1	24.1

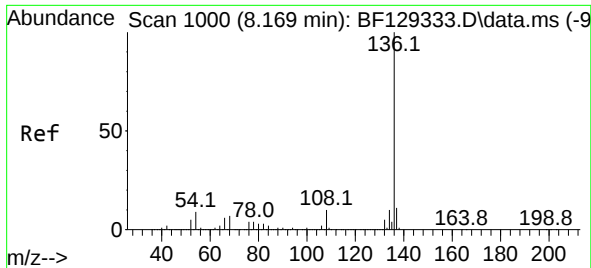


#20
3+4-Methylphenols
Concen: 44.214 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion: 107 Resp: 525476

Ion	Ratio	Lower	Upper
107	100		
108	93.6	71.8	111.8
77	38.7	59.3	99.3#
79	31.7	11.7	51.7



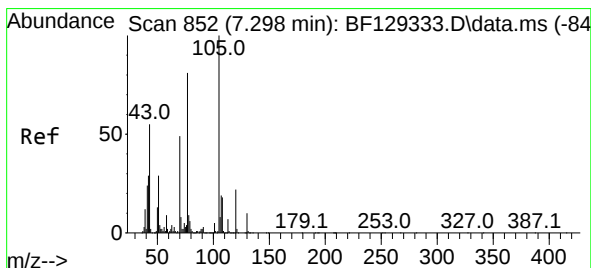
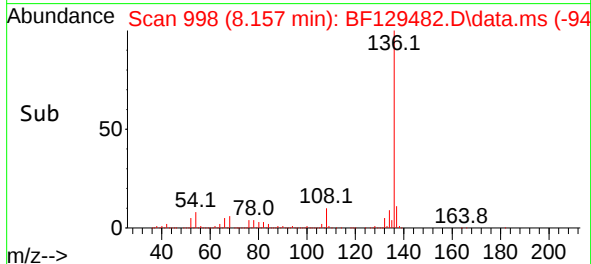
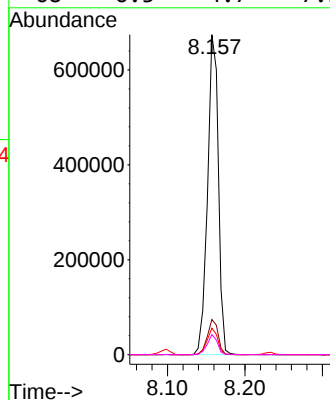
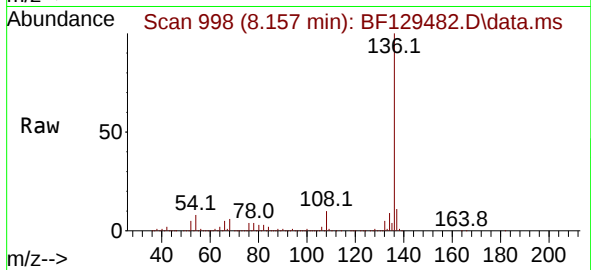


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Instrument :
BNA_F
ClientSampleId :
RVE-65MSD

Tgt Ion:136 Resp: 653927

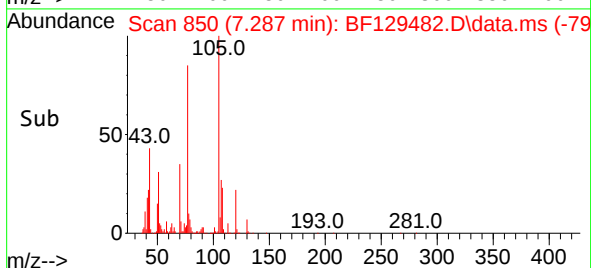
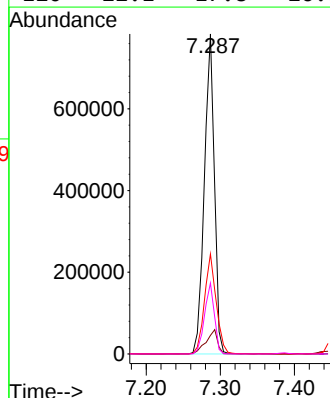
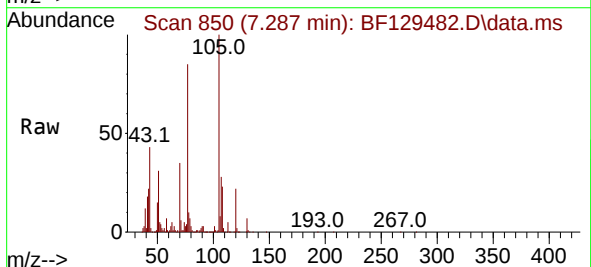
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.3	7.5	11.3
68	6.3	4.7	7.1

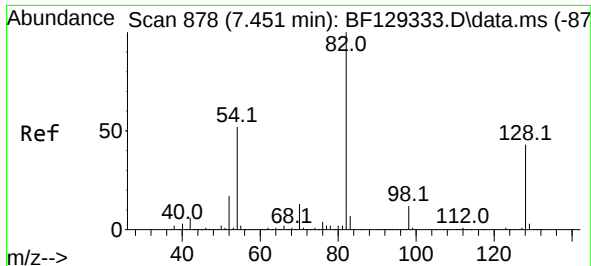


#22
Acetophenone
Concen: 48.787 ng
RT: 7.287 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion:105 Resp: 742763

Ion	Ratio	Lower	Upper
105	100		
71	5.8	5.0	7.4
51	31.2	25.0	37.4
120	22.1	17.8	26.8

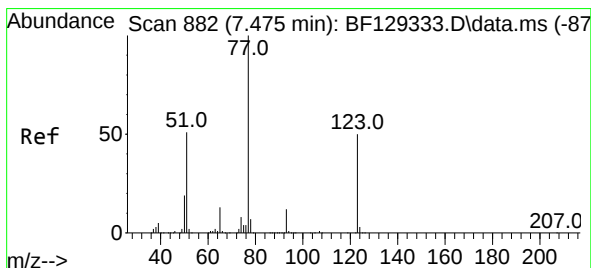
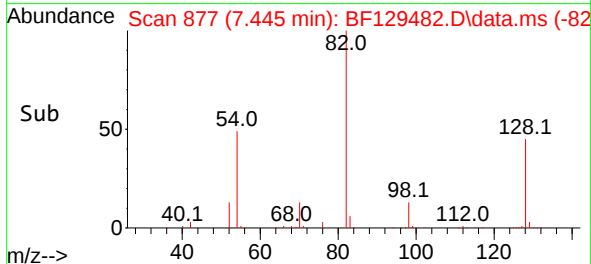
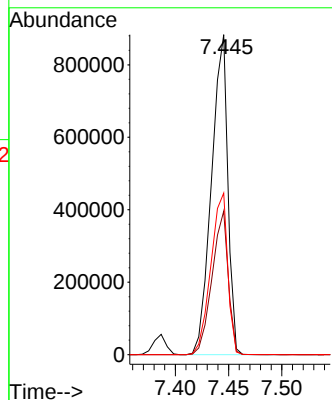
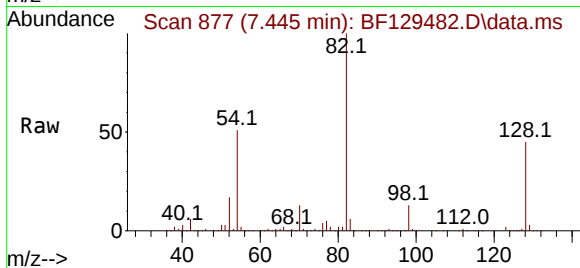




#23
Nitrobenzene-d5
Concen: 78.754 ng
RT: 7.445 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

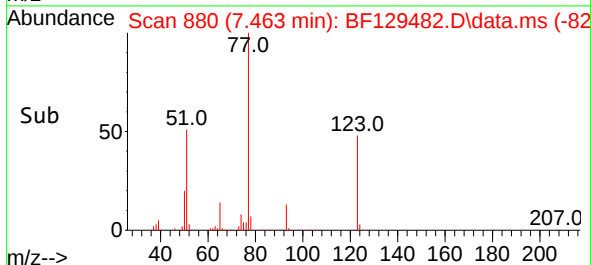
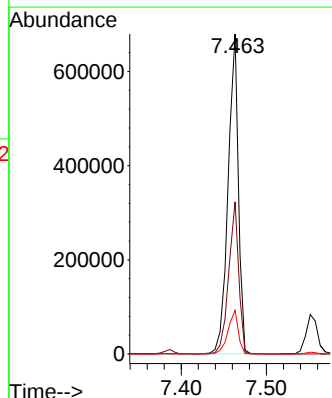
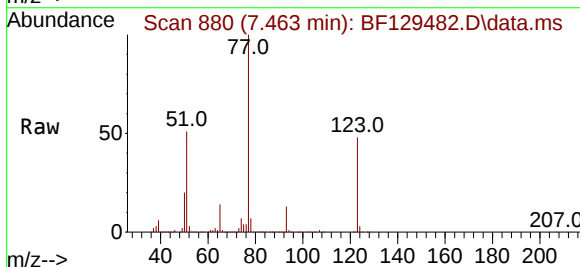
Instrument :
BNA_F
ClientSampleId :
RVE-65MSD

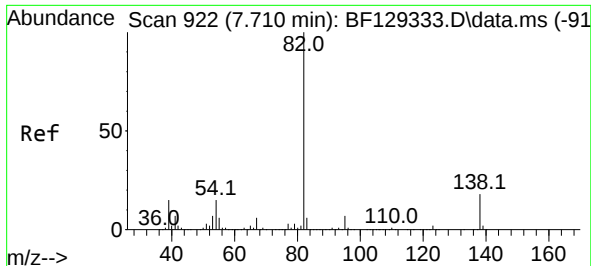
Tgt Ion: 82 Resp: 943404
Ion Ratio Lower Upper
82 100
128 44.8 34.0 51.0
54 50.5 46.9 70.3



#24
Nitrobenzene
Concen: 46.110 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion: 77 Resp: 568792
Ion Ratio Lower Upper
77 100
123 47.6 35.4 53.2
65 13.6 11.8 17.8

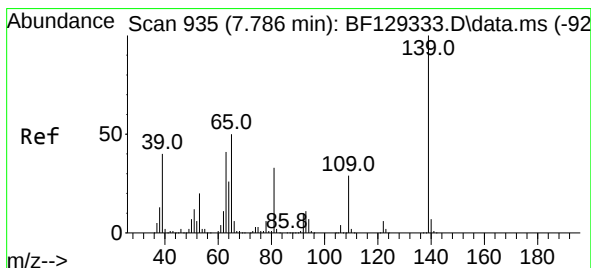
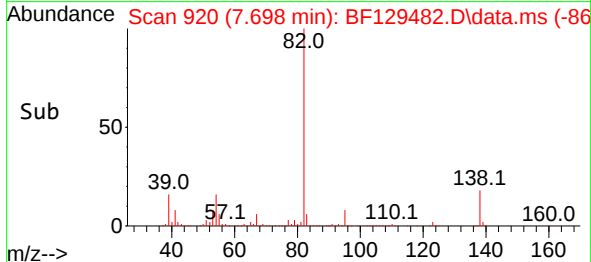
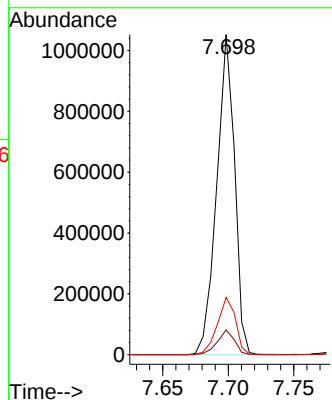
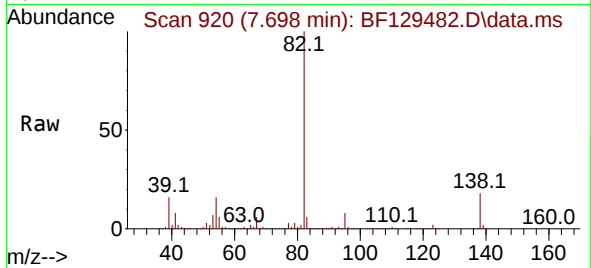




#25
Isophorone
Concen: 46.481 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

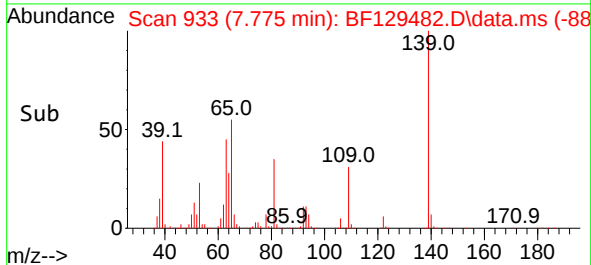
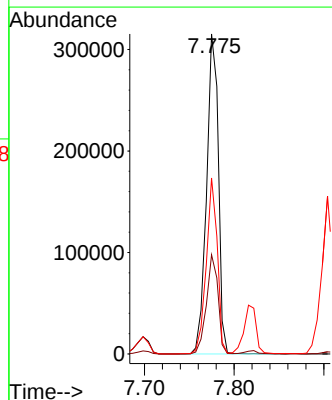
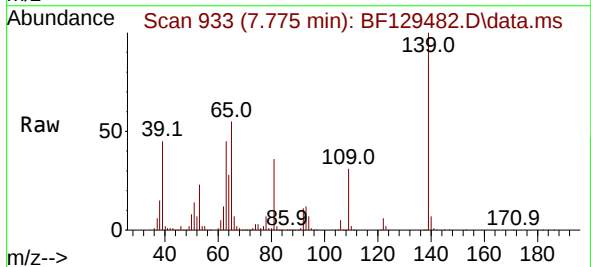
Instrument :
BNA_F
ClientSampleId :
RVE-65MSD

Tgt Ion: 82 Resp: 998069
Ion Ratio Lower Upper
82 100
95 7.8 5.7 8.5
138 17.9 14.2 21.2



#26
2-Nitrophenol
Concen: 47.254 ng
RT: 7.775 min Scan# 933
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion:139 Resp: 287564
Ion Ratio Lower Upper
139 100
109 31.0 25.0 37.4
65 55.0 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 50.378 ng

RT: 7.822 min Scan# 941

Delta R.T. 0.006 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

Instrument :

BNA_F

ClientSampleId :

RVE-65MSD

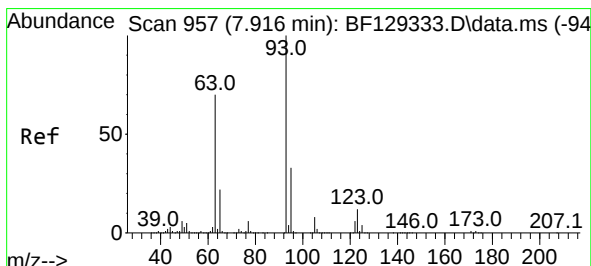
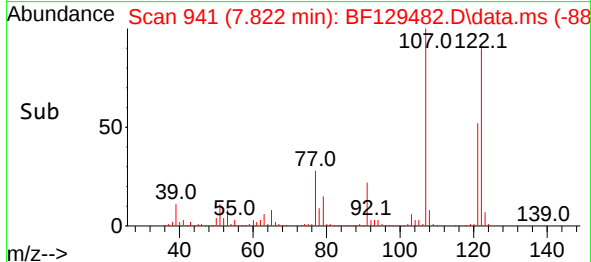
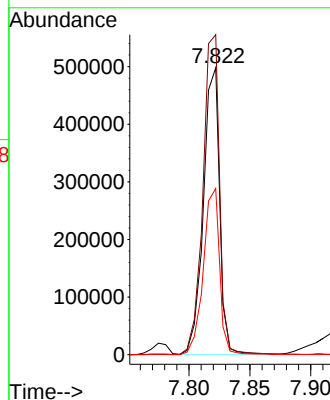
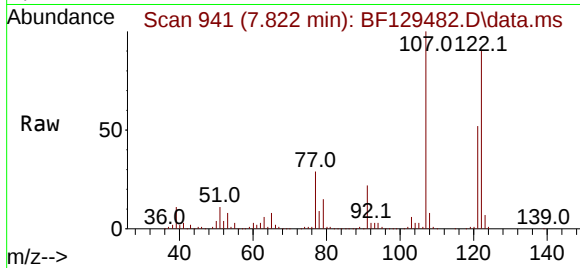
Tgt Ion:122 Resp: 459868

Ion Ratio Lower Upper

122 100

107 111.6 93.0 139.6

121 57.9 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 50.033 ng

RT: 7.904 min Scan# 955

Delta R.T. 0.000 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

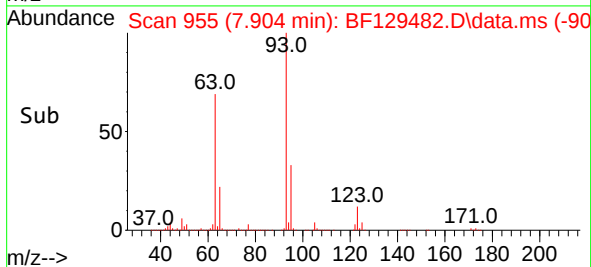
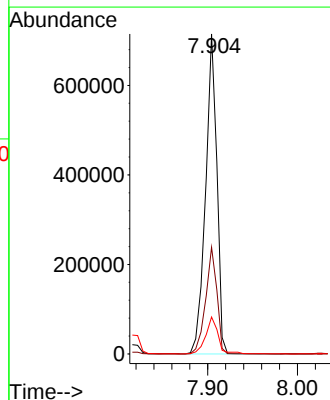
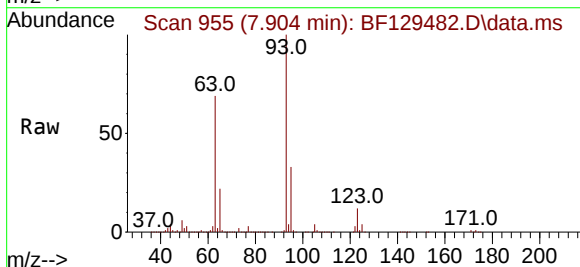
Tgt Ion: 93 Resp: 623234

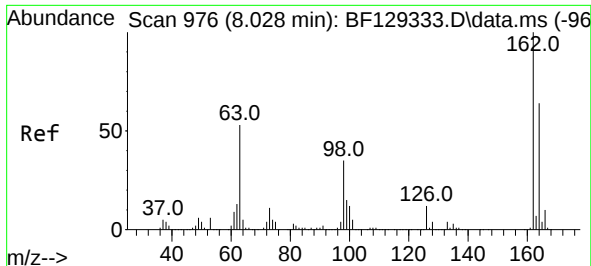
Ion Ratio Lower Upper

93 100

95 33.3 26.8 40.2

123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 44.996 ng

RT: 8.028 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

Instrument :

BNA_F

ClientSampleId :

RVE-65MSD

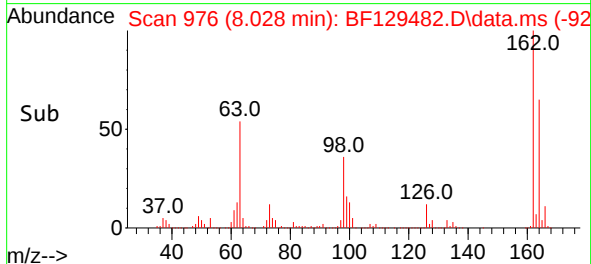
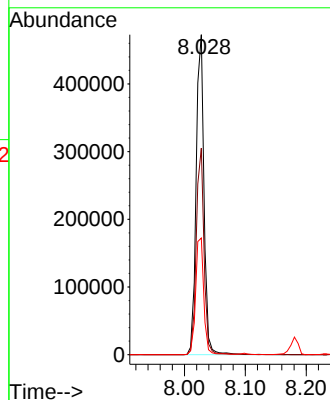
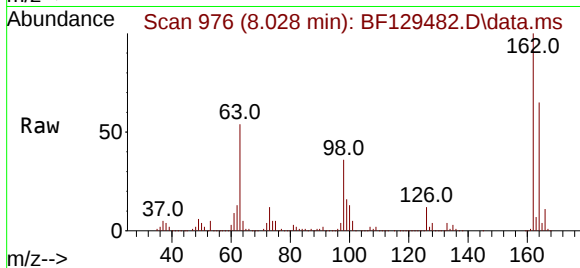
Tgt Ion:162 Resp: 423947

Ion Ratio Lower Upper

162 100

164 64.5 44.2 84.2

98 36.4 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 45.434 ng

RT: 8.098 min Scan# 988

Delta R.T. 0.000 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

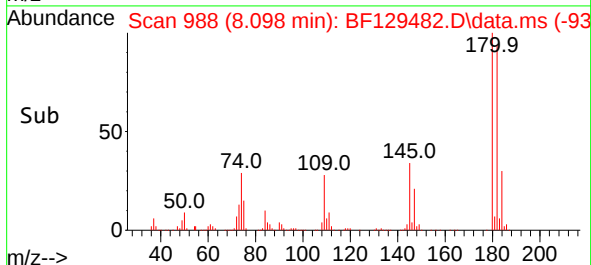
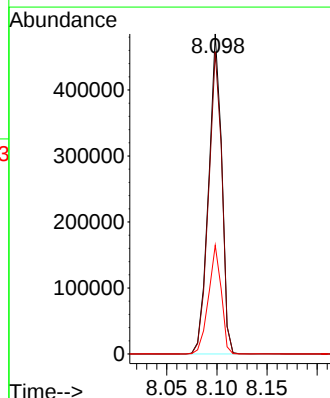
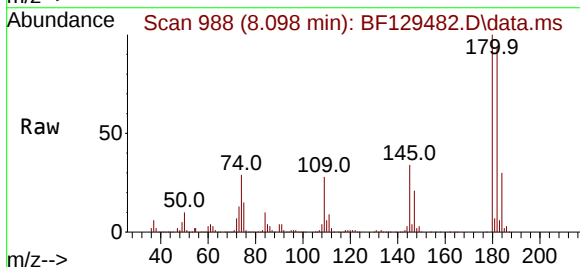
Tgt Ion:180 Resp: 443081

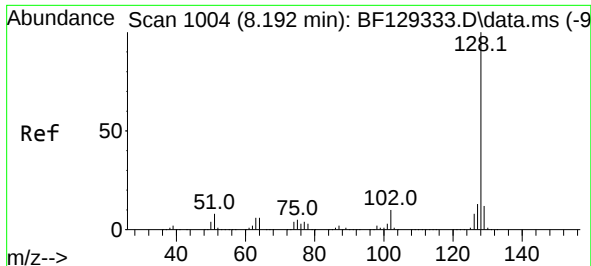
Ion Ratio Lower Upper

180 100

182 94.4 79.2 118.8

145 34.0 26.2 39.2





#31

Naphthalene

Concen: 44.975 ng

RT: 8.181 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

Instrument :

BNA_F

ClientSampleId :

RVE-65MSD

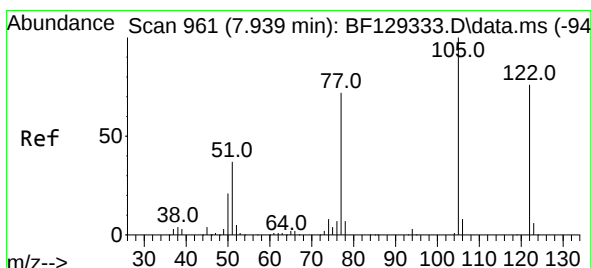
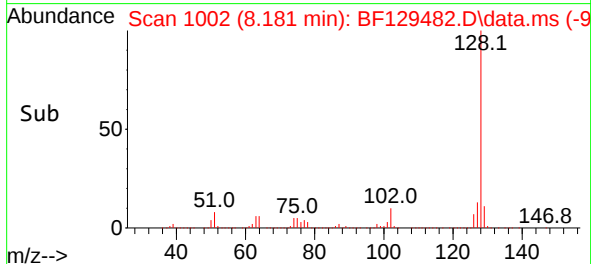
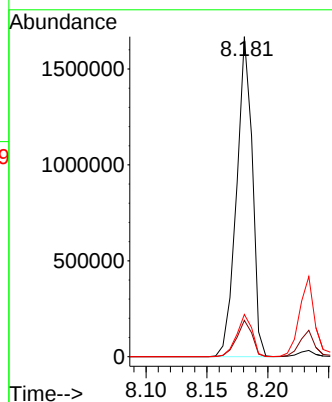
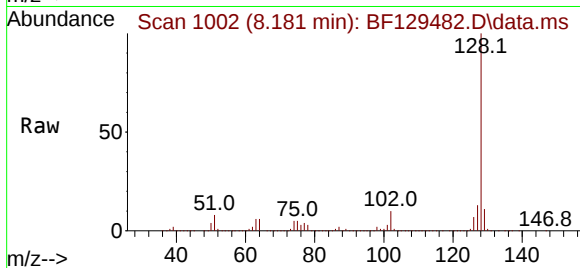
Tgt Ion:128 Resp: 1494230

Ion Ratio Lower Upper

128 100

129 11.4 9.2 13.8

127 13.2 10.5 15.7



#32

Benzoic acid

Concen: 15.322 ng

RT: 7.928 min Scan# 959

Delta R.T. -0.012 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

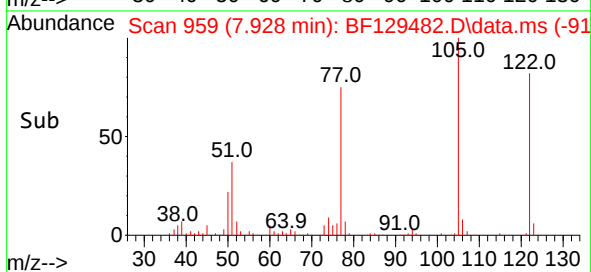
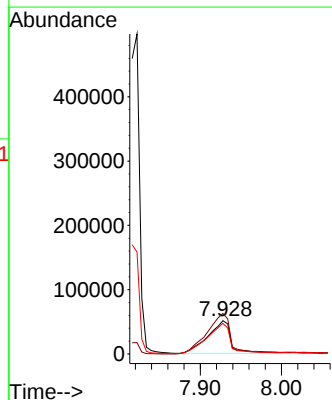
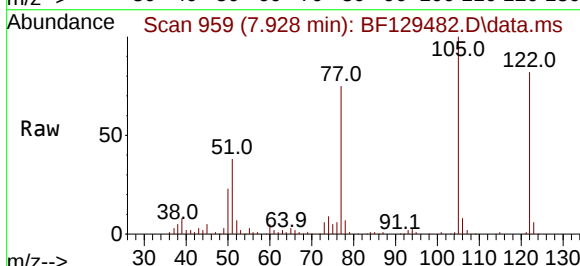
Tgt Ion:122 Resp: 101113

Ion Ratio Lower Upper

122 100

105 122.0 107.1 147.1

77 92.0 74.2 114.2

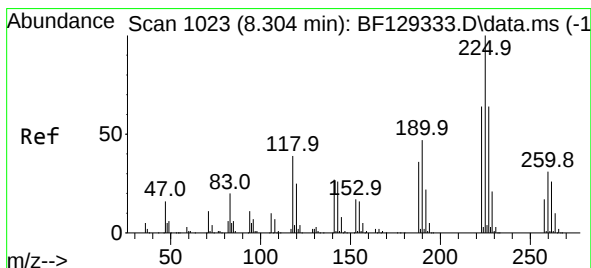
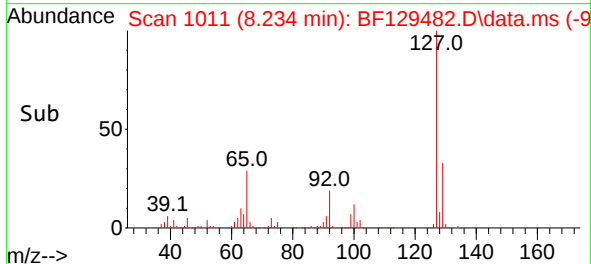
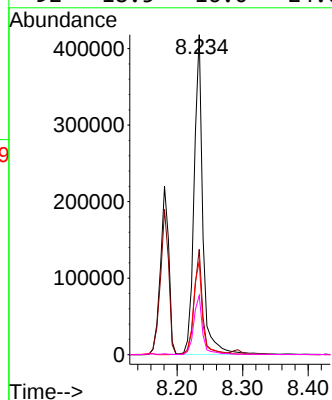
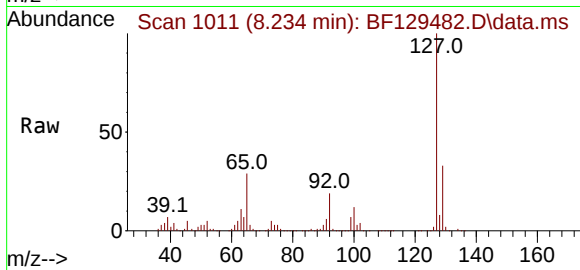




#33
4-Chloroaniline
Concen: 28.279 ng
RT: 8.234 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

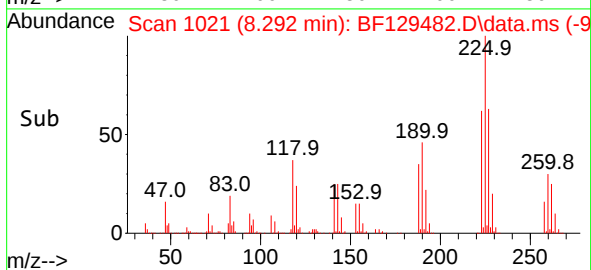
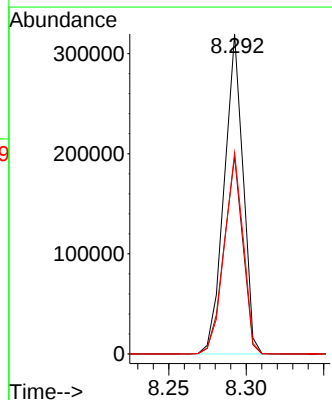
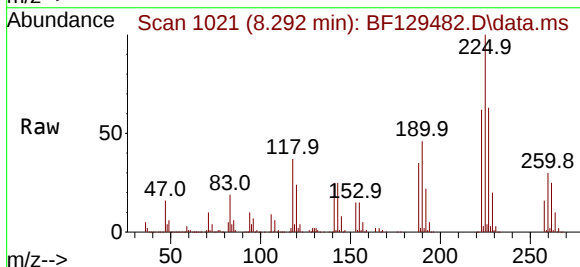
Instrument :
BNA_F
ClientSampleId :
RVE-65MSD

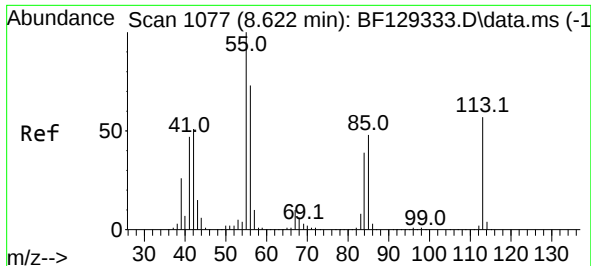
Tgt Ion:	127	Resp:	385727
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.4	39.6
65	29.0	26.4	39.6
92	18.5	16.0	24.0



#34
Hexachlorobutadiene
Concen: 48.716 ng
RT: 8.292 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion:	225	Resp:	270057
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.0	76.6
227	62.9	51.1	76.7

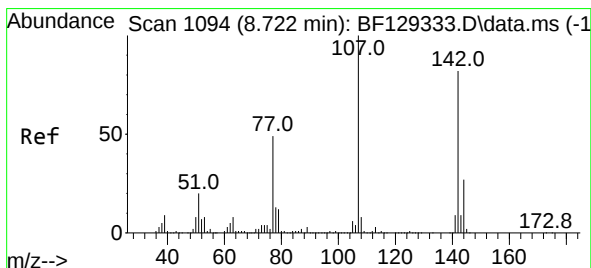
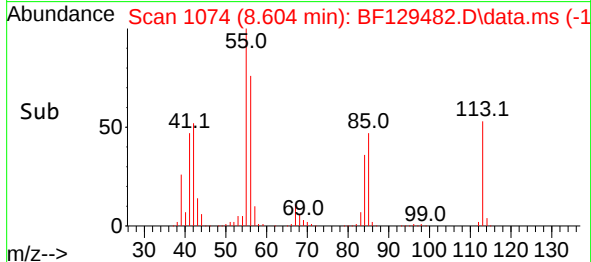
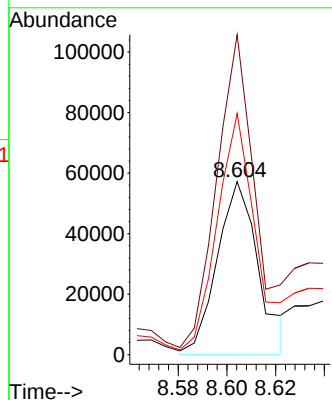
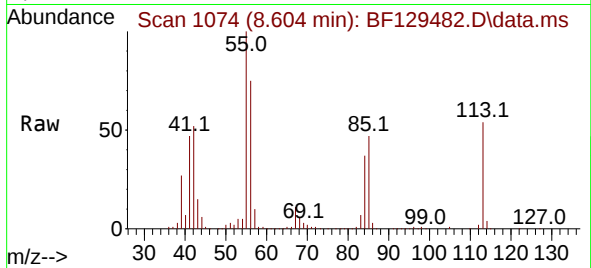




#35
 Caprolactam
 Concen: 21.799 ng
 RT: 8.604 min Scan# 1074
 Delta R.T. -0.012 min
 Lab File: BF129482.D
 Acq: 01 Aug 2022 19:55

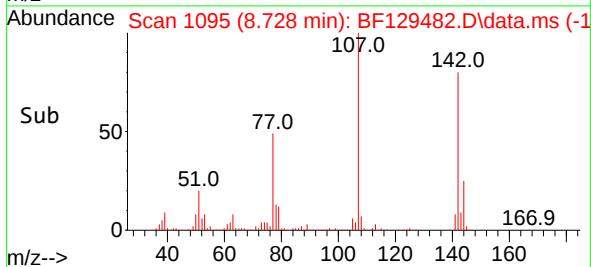
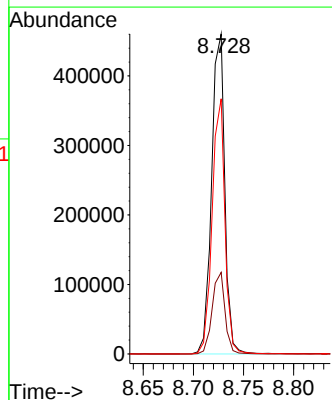
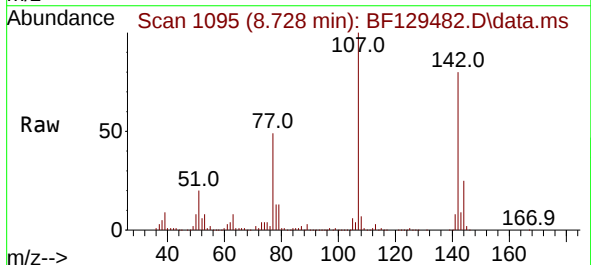
Instrument :
 BNA_F
 ClientSampleId :
 RVE-65MSD

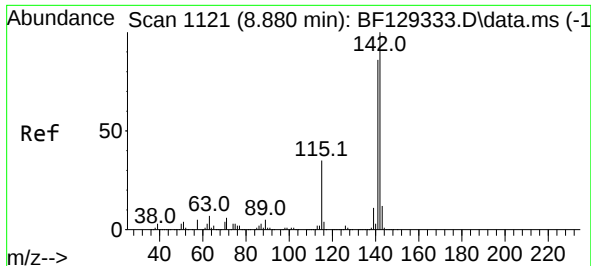
Tgt Ion:113 Resp: 66773
 Ion Ratio Lower Upper
 113 100
 55 184.8 188.5 228.5#
 56 139.3 130.6 170.6



#36
 4-Chloro-3-methylphenol
 Concen: 42.210 ng
 RT: 8.728 min Scan# 1095
 Delta R.T. 0.006 min
 Lab File: BF129482.D
 Acq: 01 Aug 2022 19:55

Tgt Ion:107 Resp: 421799
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.5 29.3
 142 79.7 58.2 87.4





#37

2-Methylnaphthalene

Concen: 44.237 ng

RT: 8.875 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

Instrument :

BNA_F

ClientSampleId :

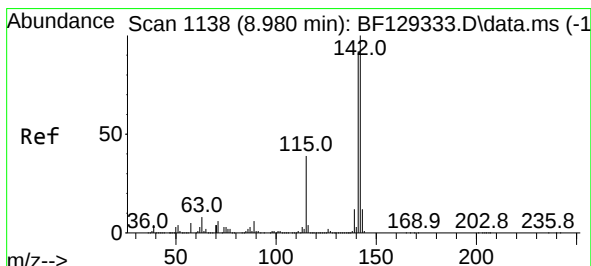
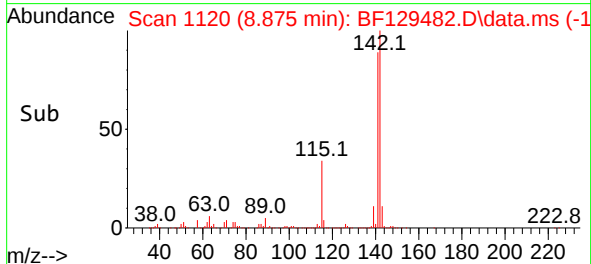
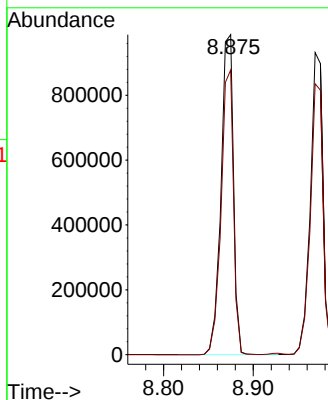
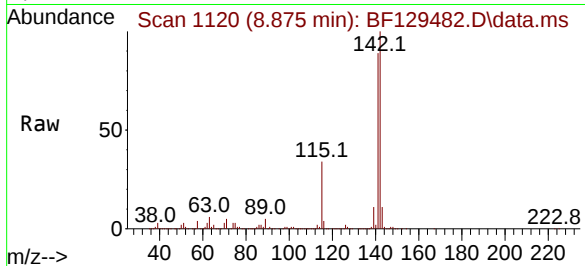
RVE-65MSD

Tgt Ion:142 Resp: 955096

Ion Ratio Lower Upper

142 100

141 89.0 71.0 106.4



#38

1-Methylnaphthalene

Concen: 43.580 ng

RT: 8.969 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF129482.D

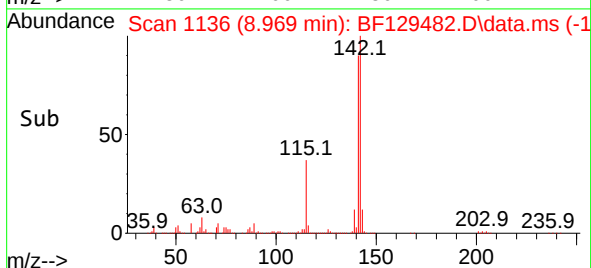
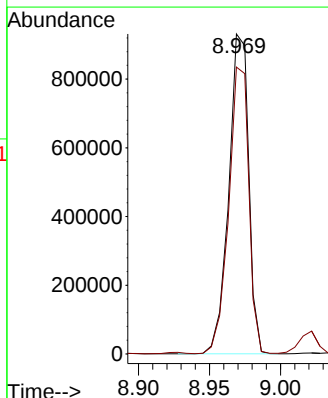
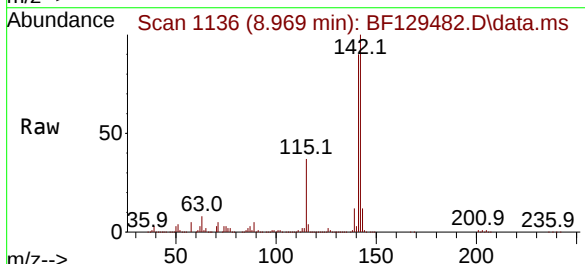
Acq: 01 Aug 2022 19:55

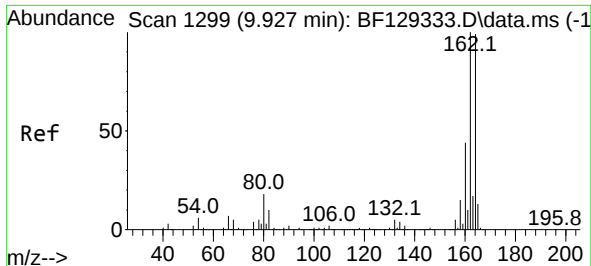
Tgt Ion:142 Resp: 908301

Ion Ratio Lower Upper

142 100

141 89.7 74.2 111.4

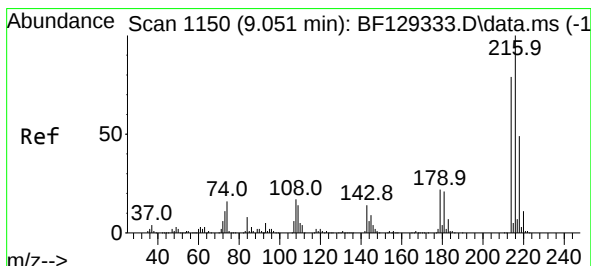
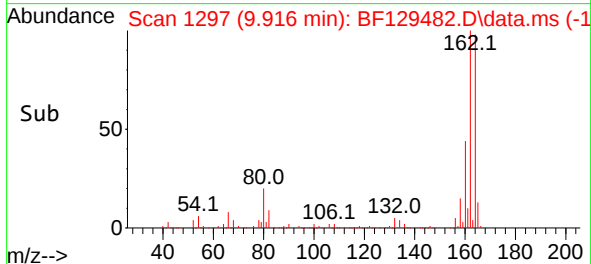
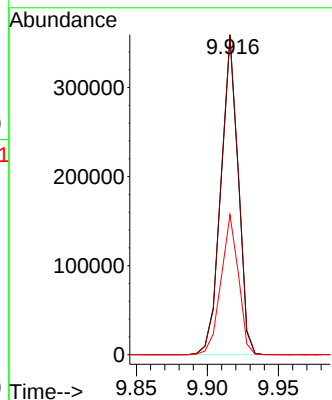
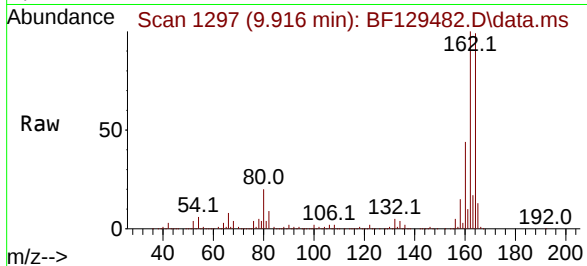




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

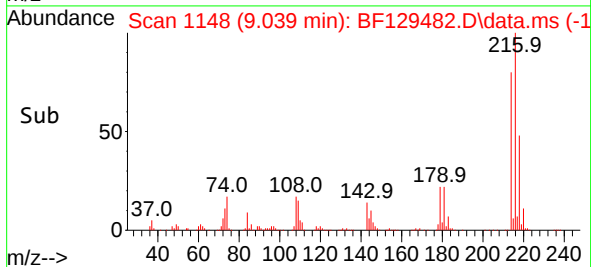
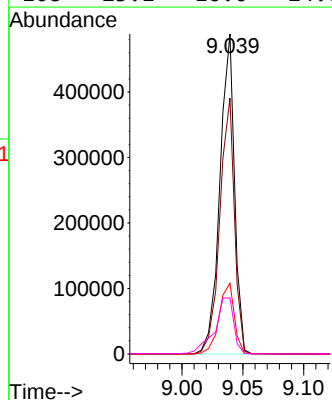
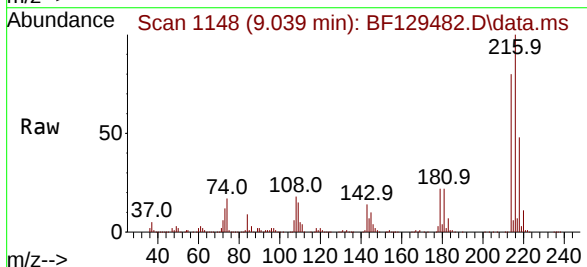
Instrument :
BNA_F
ClientSampleId :
RVE-65MSD

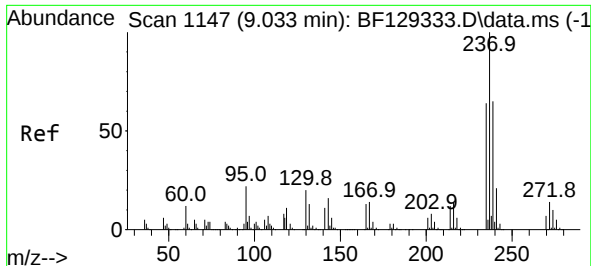
Tgt Ion:164 Resp: 301428
Ion Ratio Lower Upper
164 100
162 100.7 79.5 119.3
160 44.1 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.683 ng
RT: 9.039 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion:216 Resp: 409061
Ion Ratio Lower Upper
216 100
214 80.0 63.6 95.4
179 23.0 17.0 25.6
108 23.1 16.0 24.0

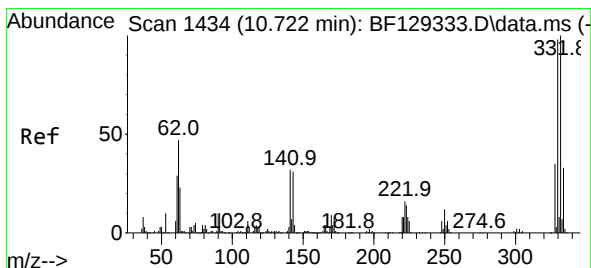
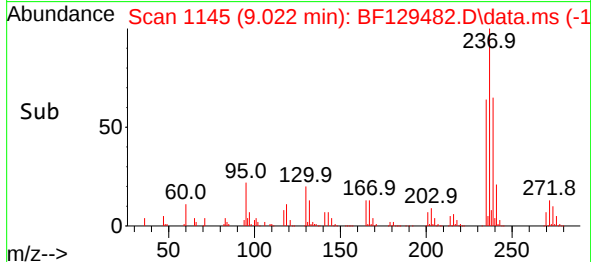
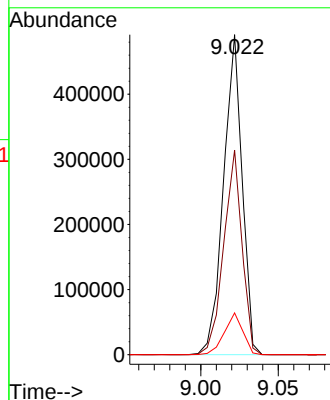
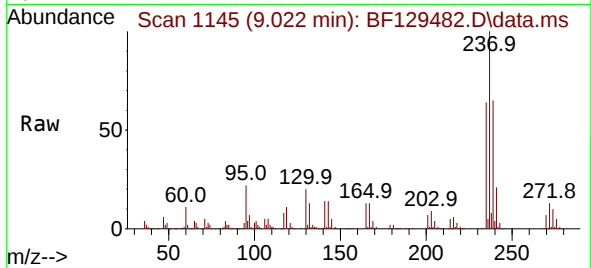




#41
Hexachlorocyclopentadiene
Concen: 116.360 ng
RT: 9.022 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

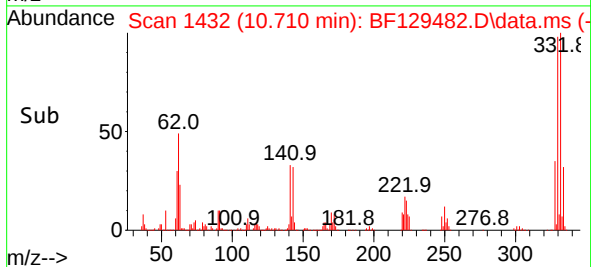
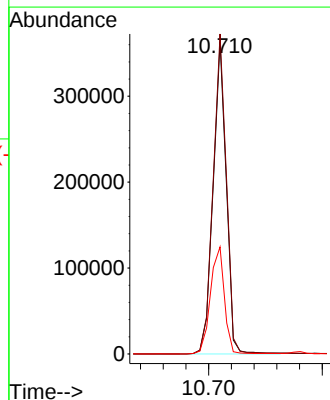
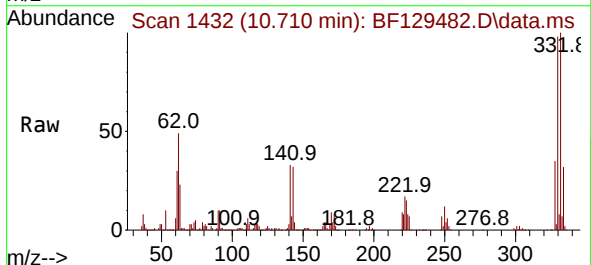
Instrument :
BNA_F
ClientSampleId :
RVE-65MSD

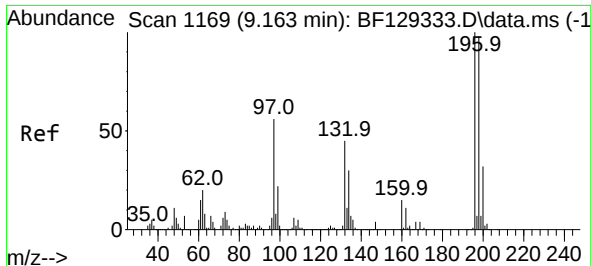
Tgt Ion:237 Resp: 410099
Ion Ratio Lower Upper
237 100
235 64.0 43.2 83.2
272 13.1 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 100.605 ng
RT: 10.710 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion:330 Resp: 291554
Ion Ratio Lower Upper
330 100
332 104.2 76.8 115.2
141 36.6 28.0 42.0

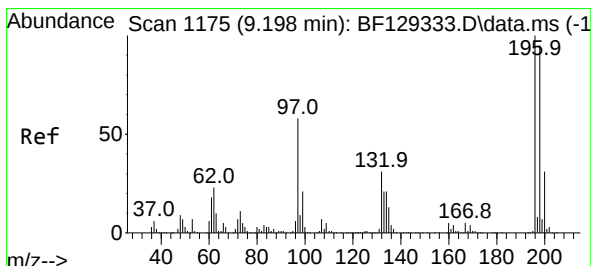
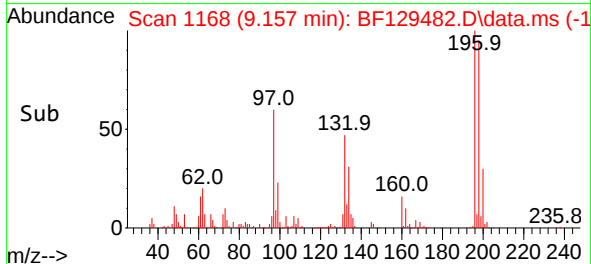
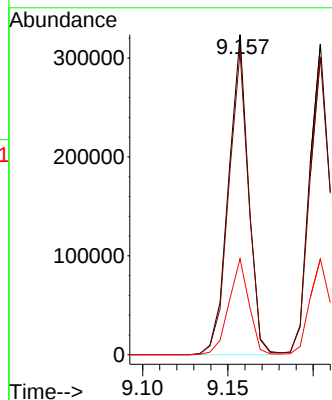
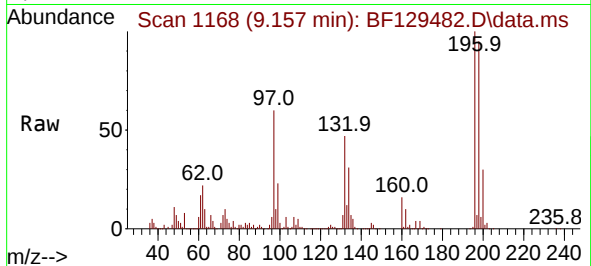




#43
2,4,6-Trichlorophenol
Concen: 45.793 ng
RT: 9.157 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

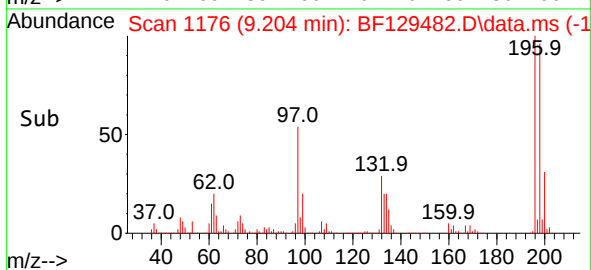
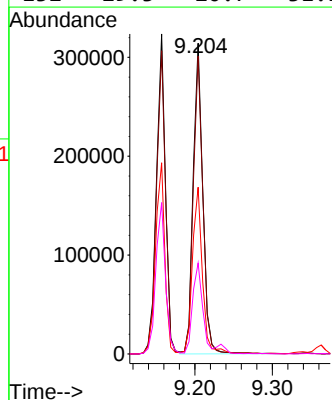
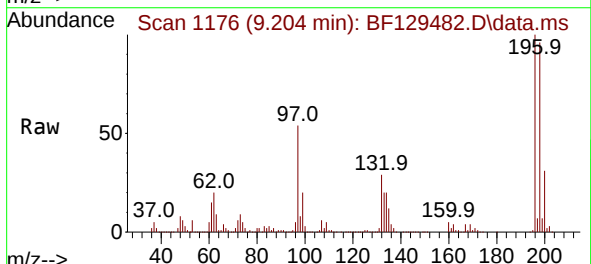
Instrument :
BNA_F
ClientSampleId :
RVE-65MSD

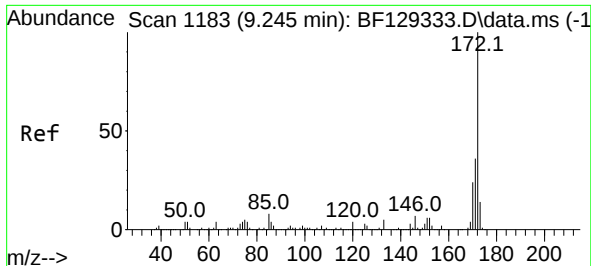
Tgt Ion:196 Resp: 263250
Ion Ratio Lower Upper
196 100
198 94.8 74.0 111.0
200 30.0 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 43.465 ng
RT: 9.204 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion:196 Resp: 271723
Ion Ratio Lower Upper
196 100
198 95.8 75.7 113.5
97 53.7 36.4 54.6
132 29.3 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 83.717 ng

RT: 9.234 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

Instrument :

BNA_F

ClientSampleId :

RVE-65MSD

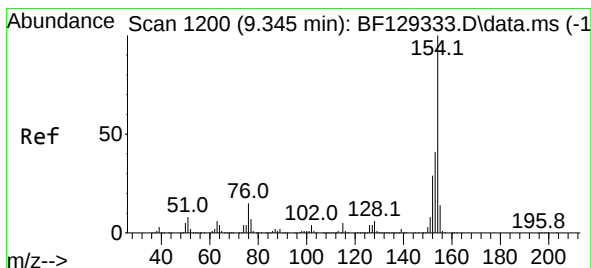
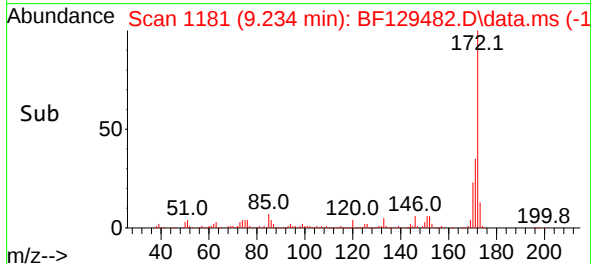
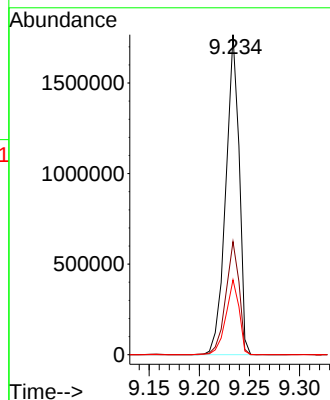
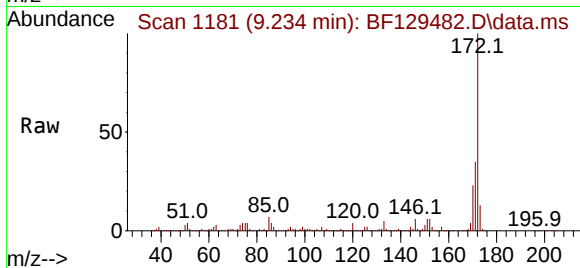
Tgt Ion:172 Resp: 1631261

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.4 19.8 29.8



#46

1,1'-Biphenyl

Concen: 50.729 ng

RT: 9.334 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

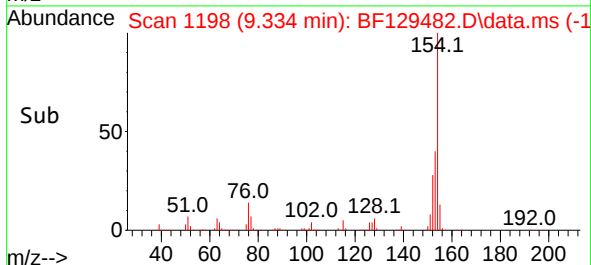
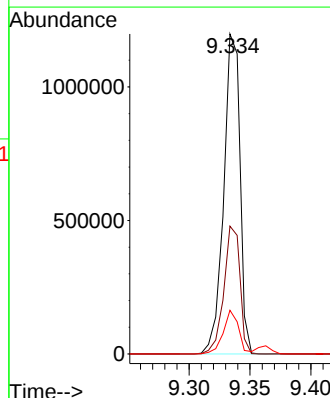
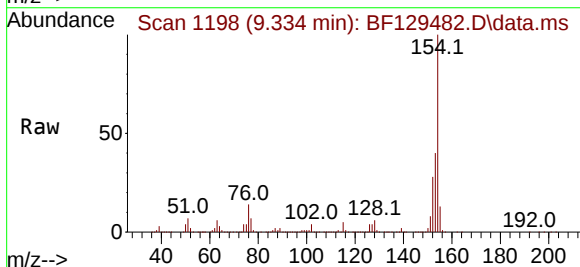
Tgt Ion:154 Resp: 1115941

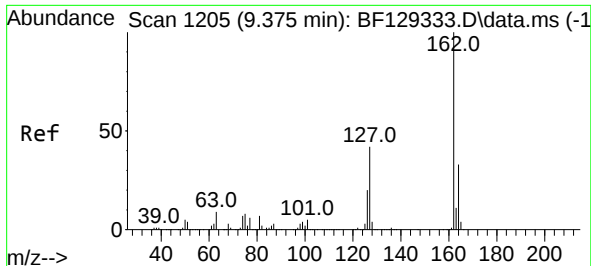
Ion Ratio Lower Upper

154 100

153 40.0 20.6 60.6

76 13.6 0.0 33.3

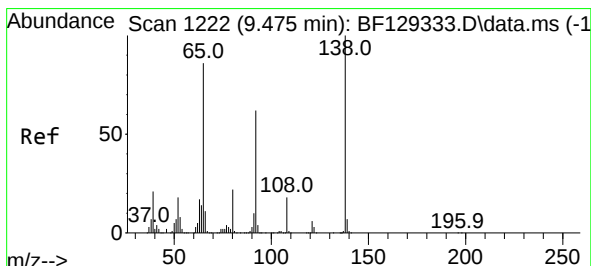
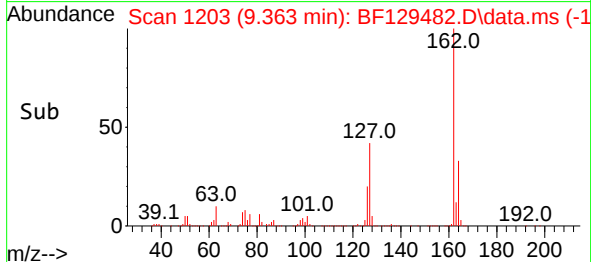
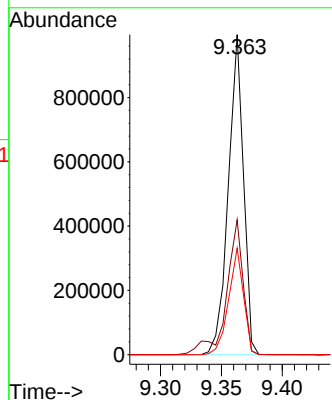
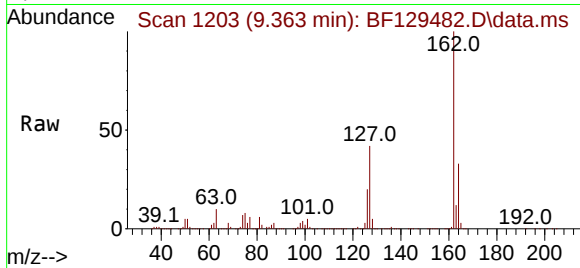




#47
2-Chloronaphthalene
Concen: 48.677 ng
RT: 9.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

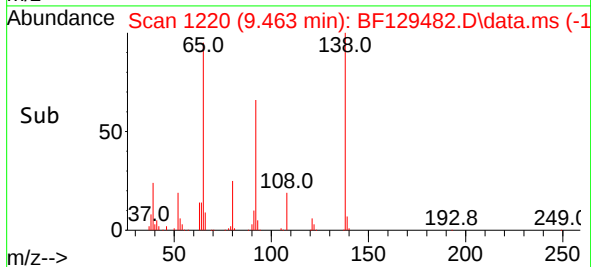
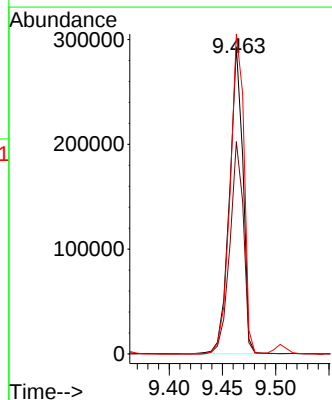
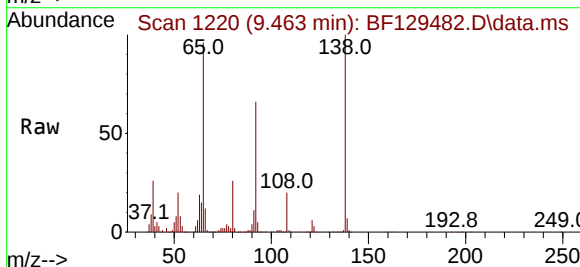
Instrument :
BNA_F
ClientSampleId :
RVE-65MSD

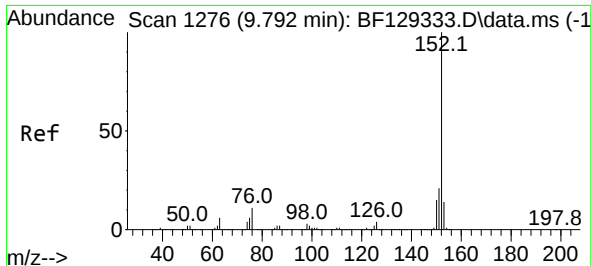
Tgt Ion:162 Resp: 865646
Ion Ratio Lower Upper
162 100
127 42.1 34.5 51.7
164 33.3 26.5 39.7



#48
2-Nitroaniline
Concen: 43.398 ng
RT: 9.463 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion: 65 Resp: 256630
Ion Ratio Lower Upper
65 100
92 69.1 51.9 77.9
138 104.1 76.4 114.6





#49

Acenaphthylene

Concen: 47.318 ng

RT: 9.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

Instrument :

BNA_F

ClientSampleId :

RVE-65MSD

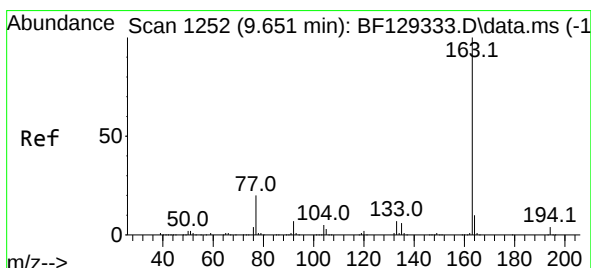
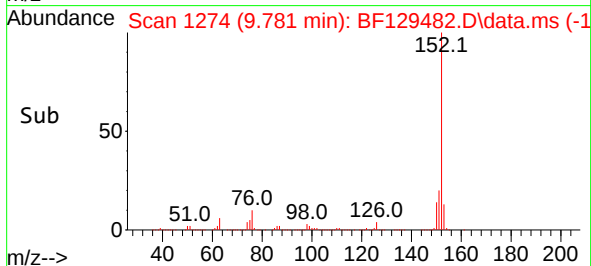
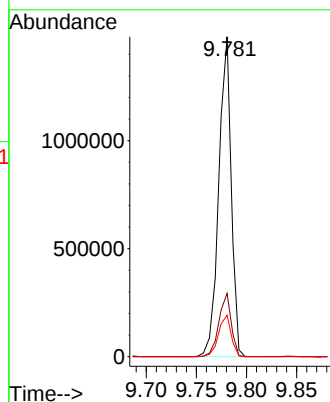
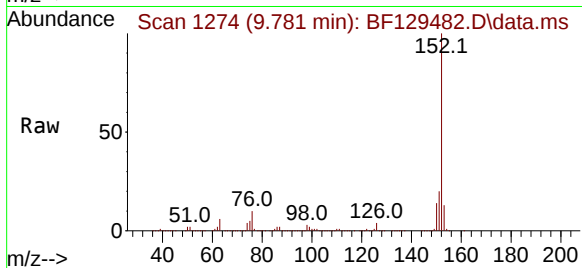
Tgt Ion:152 Resp: 1278606

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.4

153 12.9 10.7 16.1



#50

Dimethylphthalate

Concen: 45.131 ng

RT: 9.639 min Scan# 1250

Delta R.T. 0.000 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

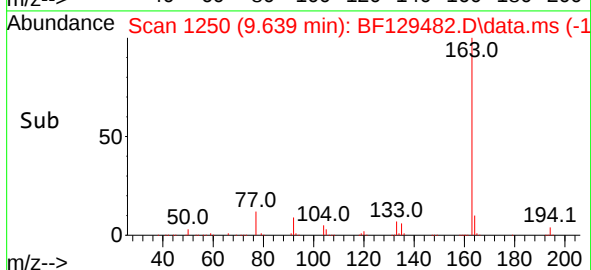
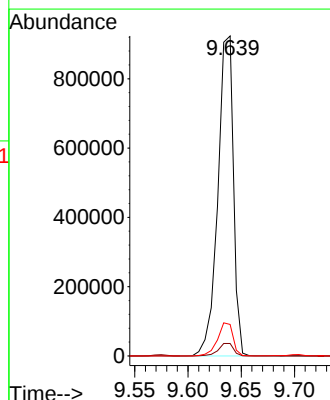
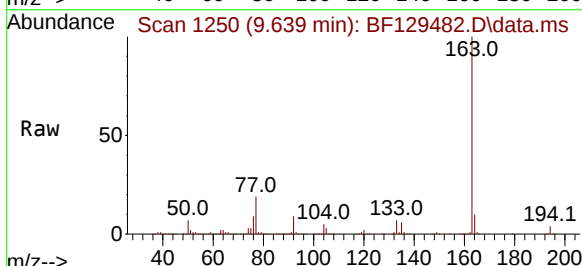
Tgt Ion:163 Resp: 939105

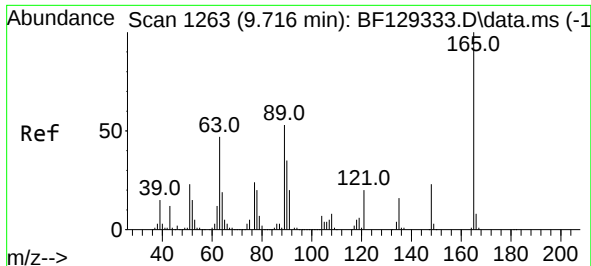
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 9.9 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 44.703 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

Instrument :

BNA_F

ClientSampleId :

RVE-65MSD

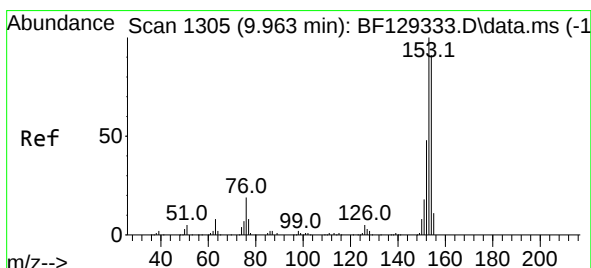
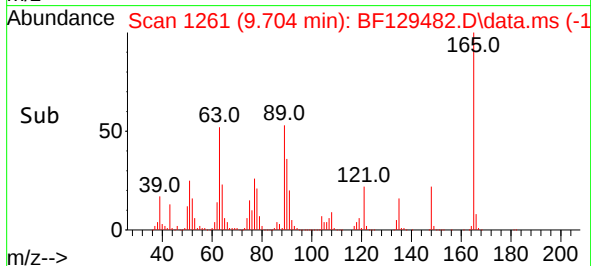
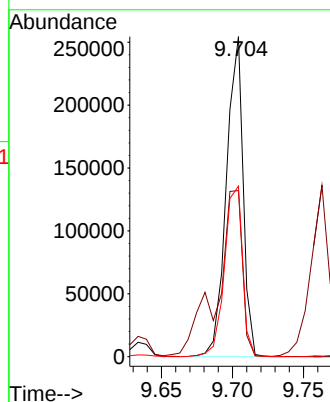
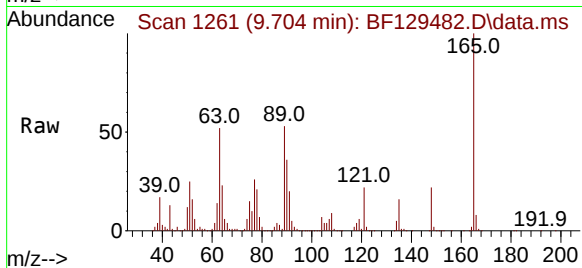
Tgt Ion:165 Resp: 208197

Ion Ratio Lower Upper

165 100

63 51.9 44.9 67.3

89 53.3 43.6 65.4



#52

Acenaphthene

Concen: 42.281 ng

RT: 9.951 min Scan# 1303

Delta R.T. 0.000 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

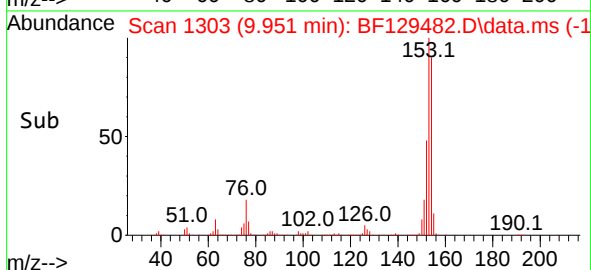
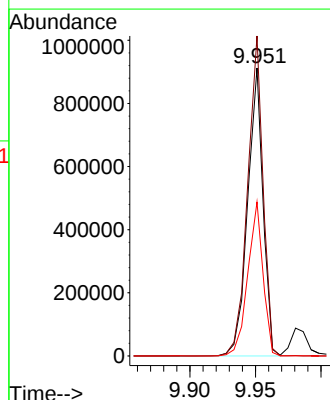
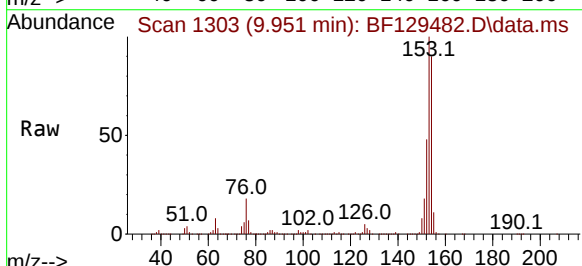
Tgt Ion:154 Resp: 746226

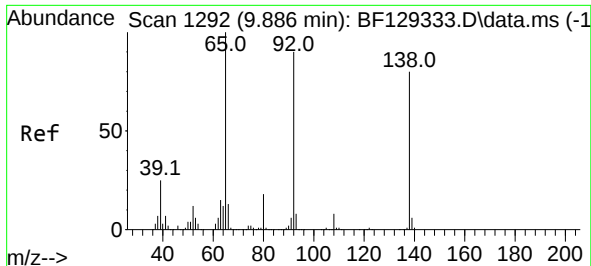
Ion Ratio Lower Upper

154 100

153 111.1 89.6 134.4

152 53.5 42.4 63.6

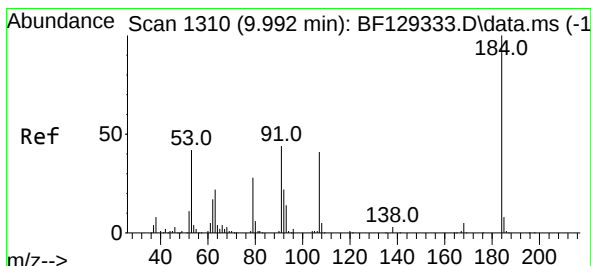
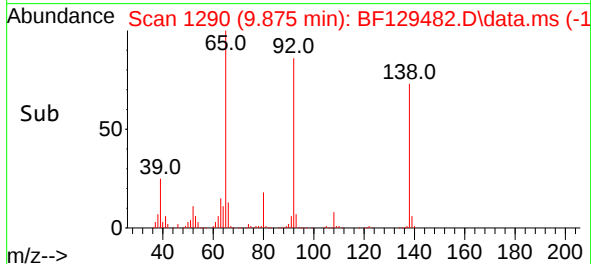
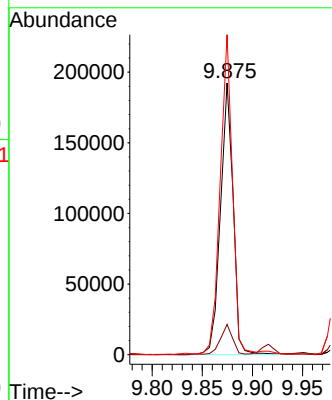
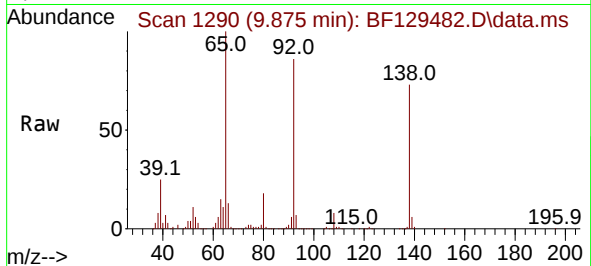




#53
3-Nitroaniline
Concen: 30.699 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

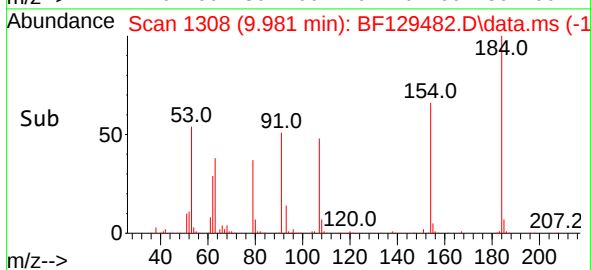
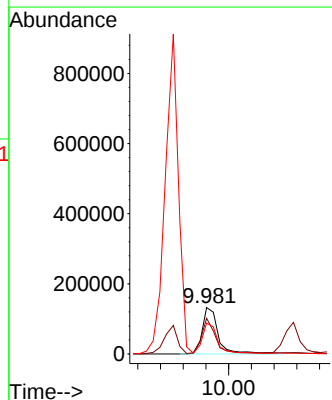
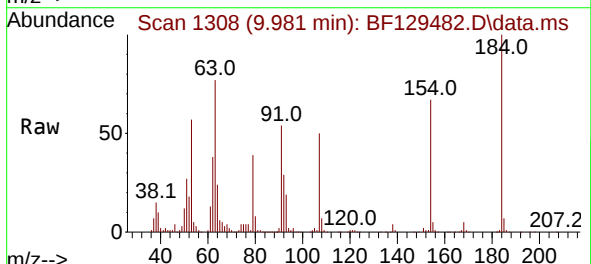
Instrument :
BNA_F
ClientSampleId :
RVE-65MSD

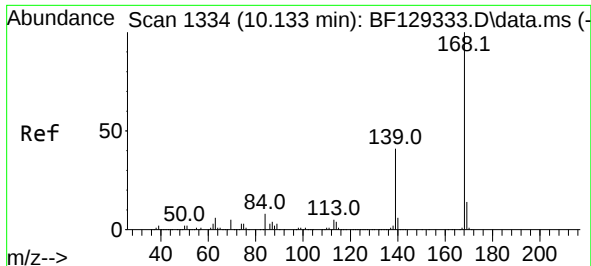
Tgt Ion:138 Resp: 168832
Ion Ratio Lower Upper
138 100
108 11.2 10.9 16.3
92 117.8 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 54.820 ng
RT: 9.981 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion:184 Resp: 130338
Ion Ratio Lower Upper
184 100
63 76.9 64.5 96.7
154 66.6 50.6 75.8

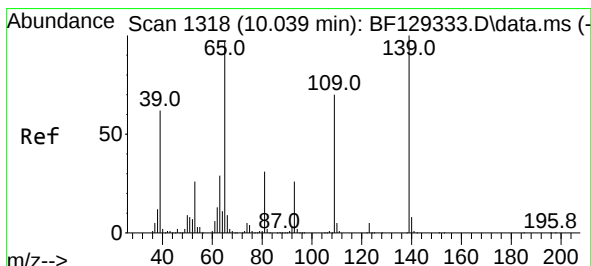
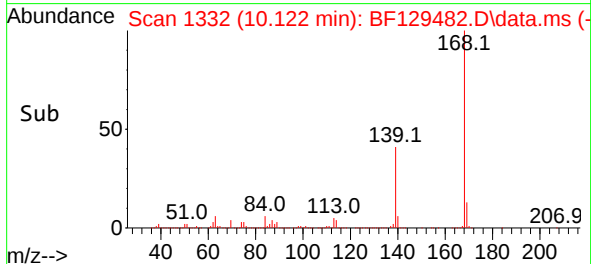
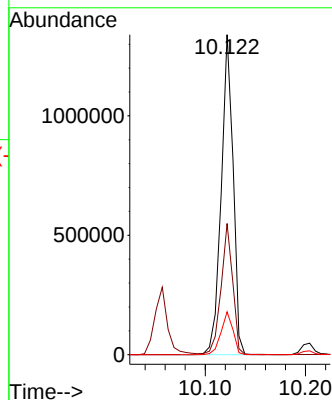
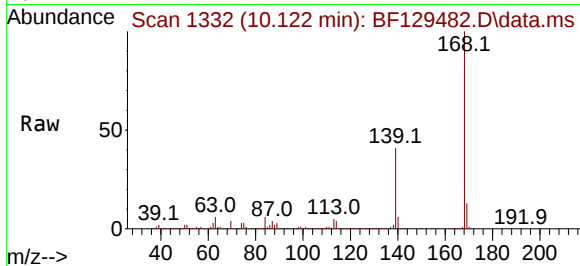




#55
Dibenzenofuran
Concen: 45.186 ng
RT: 10.122 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

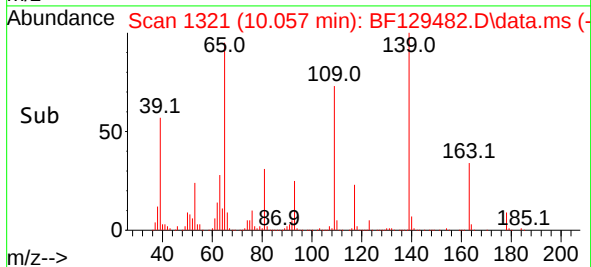
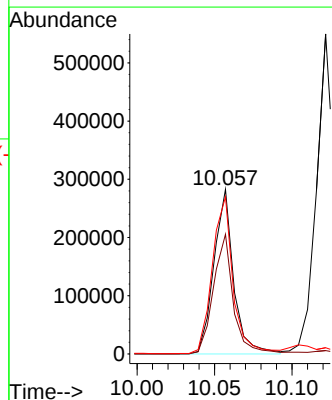
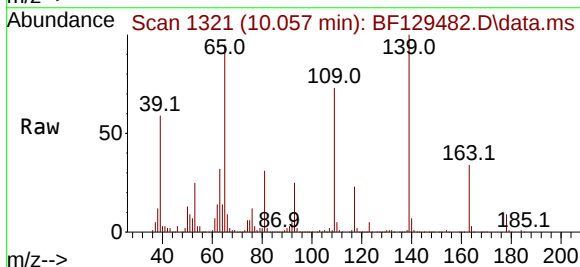
Instrument :
BNA_F
ClientSampleId :
RVE-65MSD

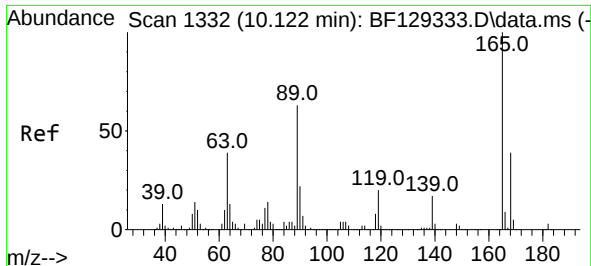
Tgt Ion:168 Resp: 1099369
Ion Ratio Lower Upper
168 100
139 41.0 30.6 46.0
169 13.4 11.0 16.6



#56
4-Nitrophenol
Concen: 61.765 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.012 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion:139 Resp: 250600
Ion Ratio Lower Upper
139 100
109 72.7 50.7 90.7
65 95.4 74.5 114.5

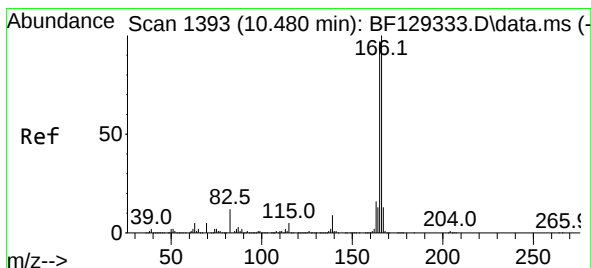
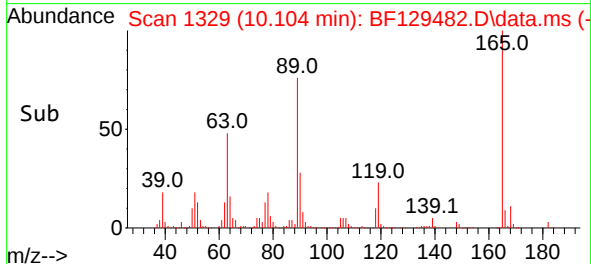
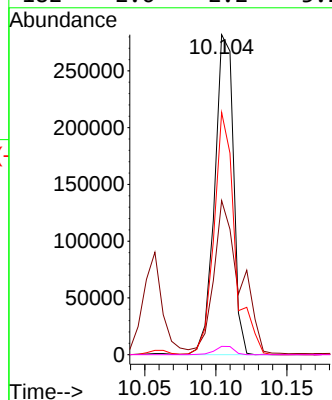
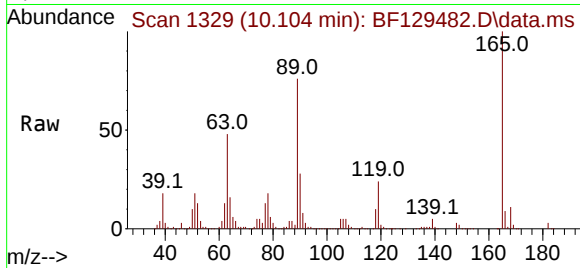




#57
2,4-Dinitrotoluene
Concen: 42.749 ng
RT: 10.104 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

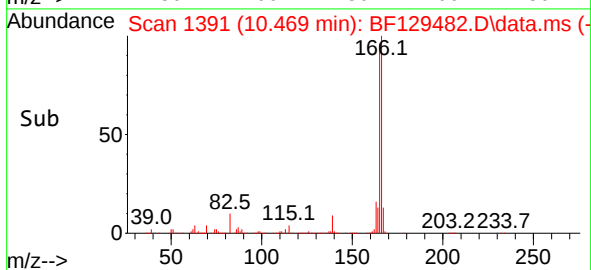
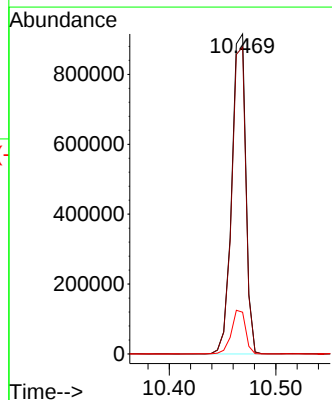
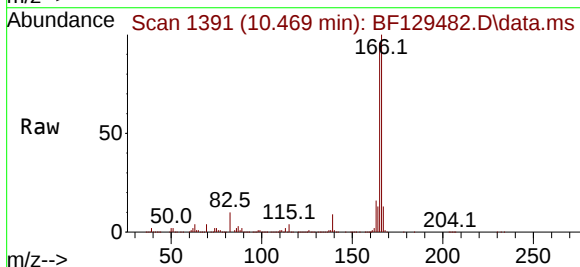
Instrument :
BNA_F
ClientSampleId :
RVE-65MSD

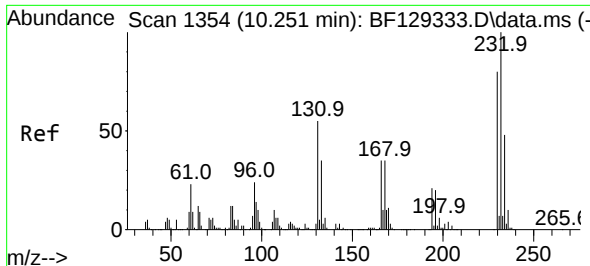
Tgt Ion:165 Resp: 260094
Ion Ratio Lower Upper
165 100
63 48.2 39.8 59.6
89 75.7 60.2 90.2
182 2.6 2.2 3.2



#58
Fluorene
Concen: 43.300 ng
RT: 10.469 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion:166 Resp: 842905
Ion Ratio Lower Upper
166 100
165 95.9 78.1 117.1
167 13.1 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 35.881 ng

RT: 10.245 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

Instrument :

BNA_F

ClientSampleId :

RVE-65MSD

Tgt Ion:232 Resp: 173346

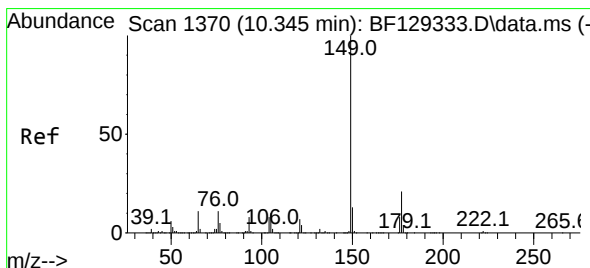
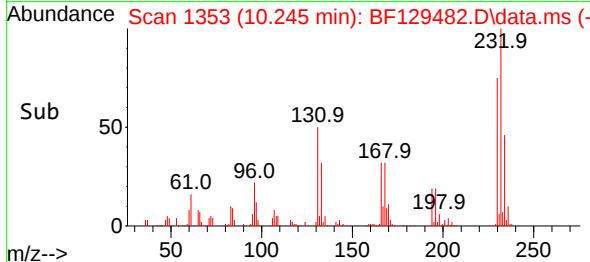
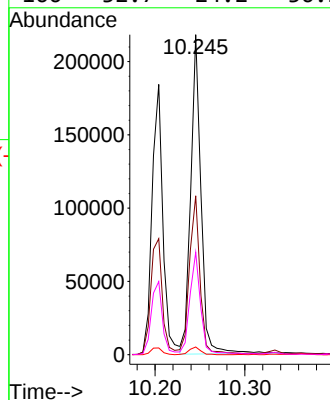
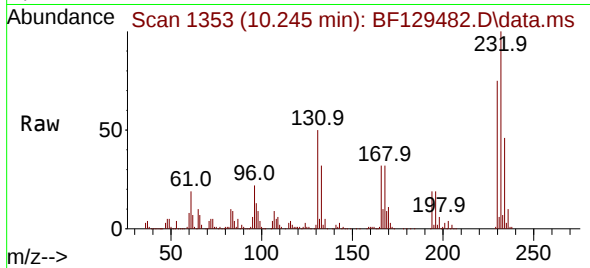
Ion Ratio Lower Upper

232 100

131 50.2 36.1 54.1

130 2.7 1.8 2.8

166 32.7 24.2 36.2



#60

Diethylphthalate

Concen: 42.727 ng

RT: 10.334 min Scan# 1368

Delta R.T. 0.000 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

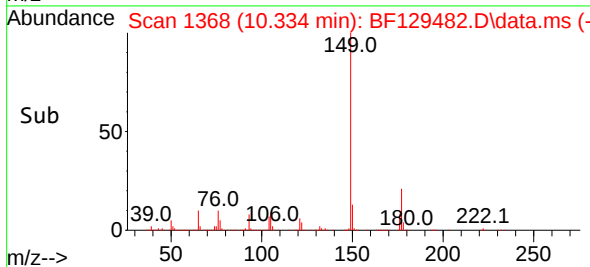
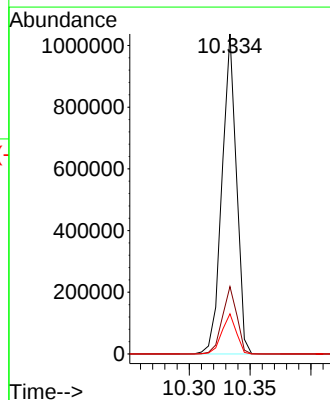
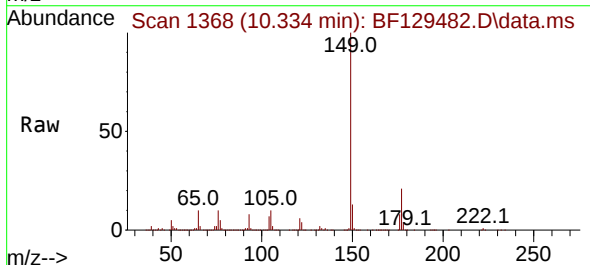
Tgt Ion:149 Resp: 859465

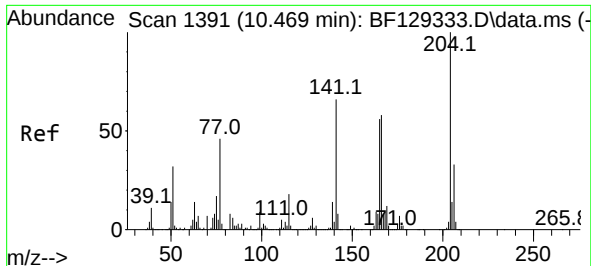
Ion Ratio Lower Upper

149 100

177 21.0 17.3 25.9

150 12.6 10.2 15.2

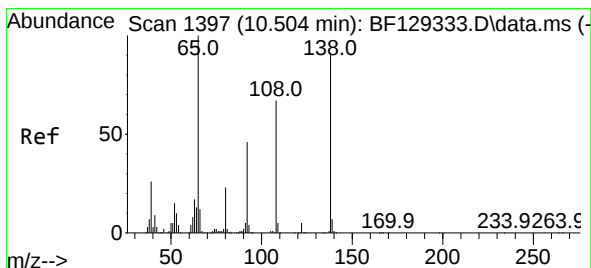
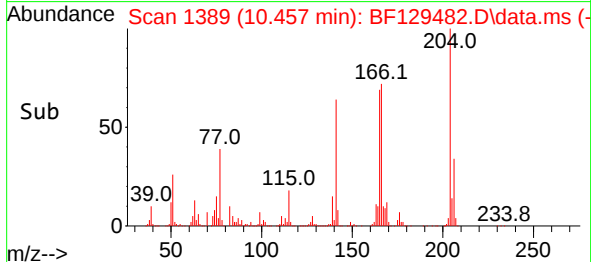
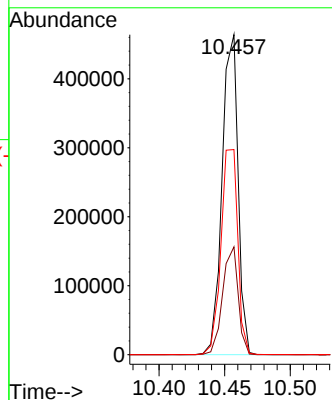
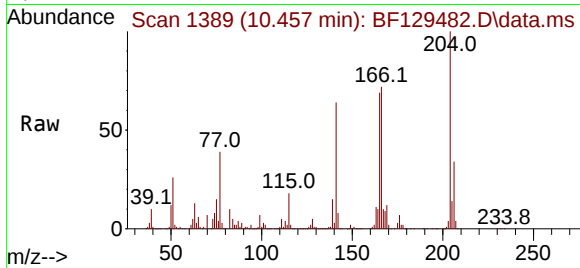




#61
4-Chlorophenyl-phenylether
Concen: 45.731 ng
RT: 10.457 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

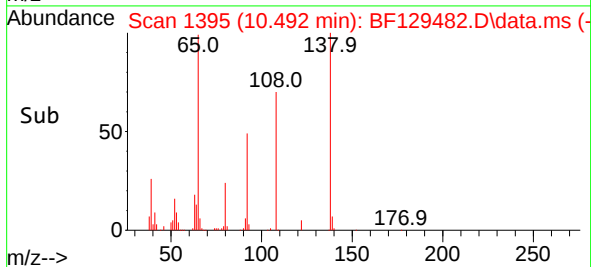
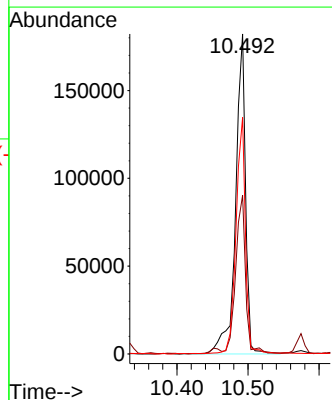
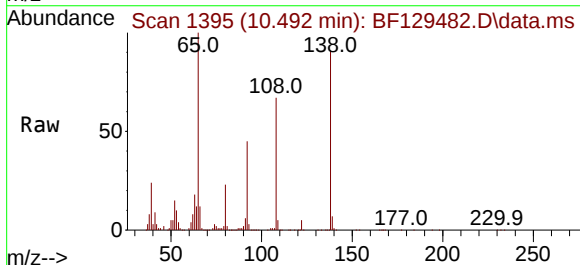
Instrument :
BNA_F
ClientSampleId :
RVE-65MSD

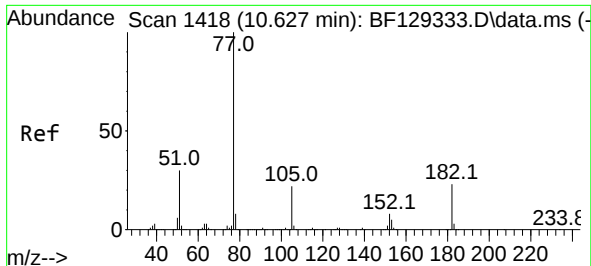
Tgt Ion:204 Resp: 392463
Ion Ratio Lower Upper
204 100
206 33.7 25.8 38.6
141 64.1 47.0 70.4



#62
4-Nitroaniline
Concen: 32.715 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion:138 Resp: 178480
Ion Ratio Lower Upper
138 100
92 49.6 33.5 73.5
108 73.9 61.0 101.0

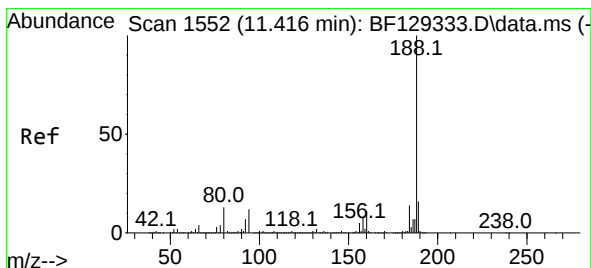
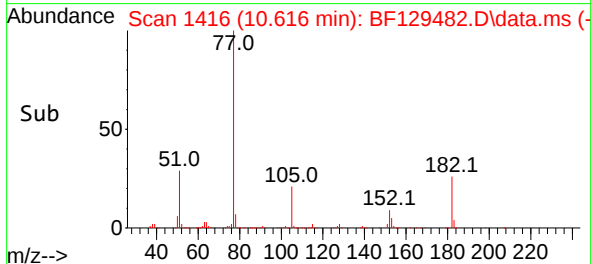
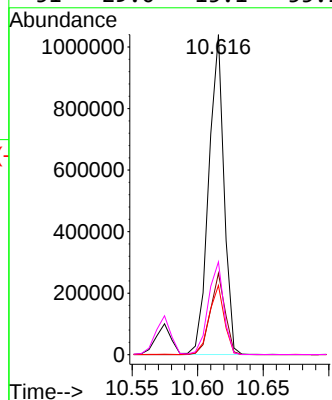
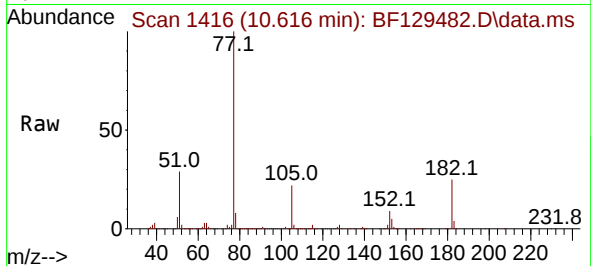




#63
Azobenzene
Concen: 41.004 ng
RT: 10.616 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

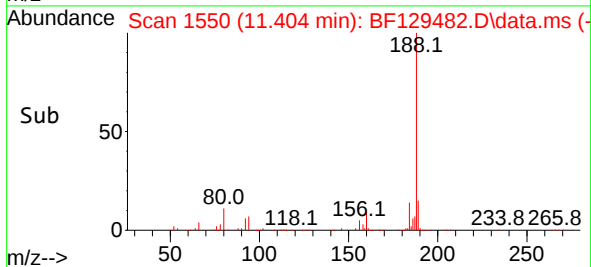
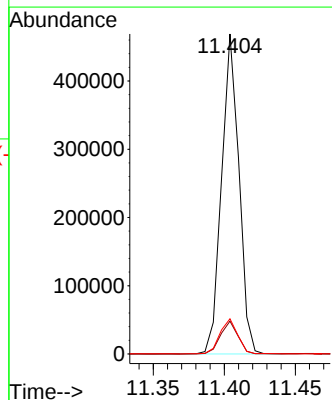
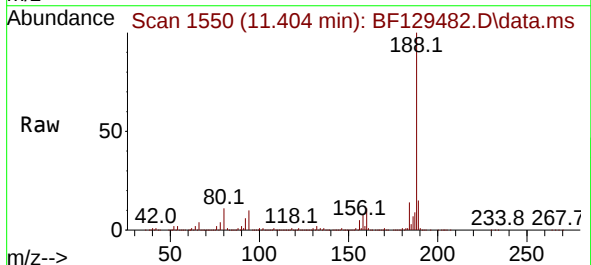
Instrument :
BNA_F
ClientSampleId :
RVE-65MSD

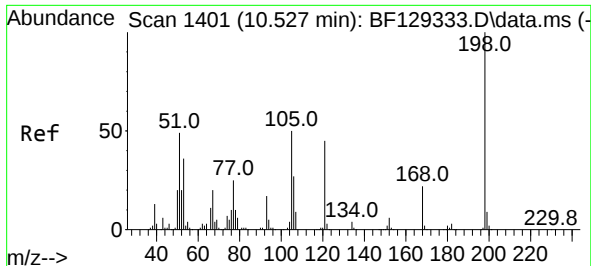
Tgt Ion: 77	Resp: 841278
Ion Ratio	Lower Upper
77 100	
182 25.5	5.6 45.6
105 21.6	1.6 41.6
51 29.0	15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion:188	Resp: 398131
Ion Ratio	Lower Upper
188 100	
94 10.2	7.0 10.6
80 11.0	7.6 11.4

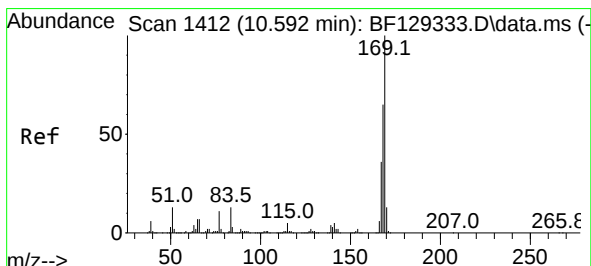
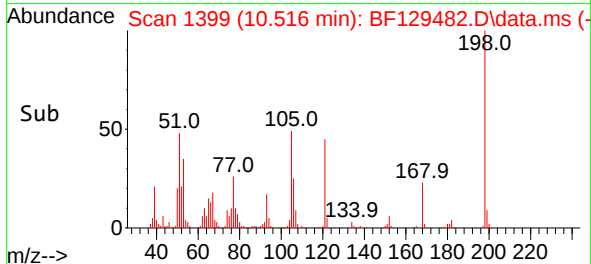
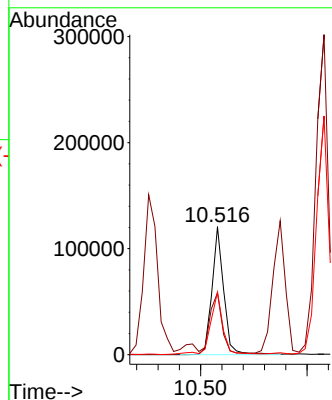
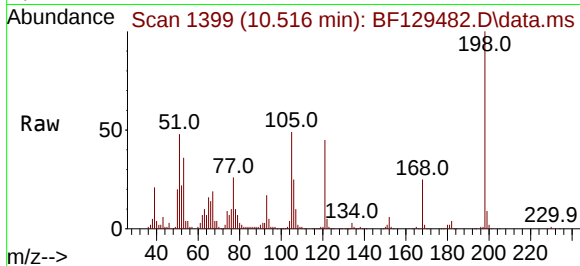




#65
4,6-Dinitro-2-methylphenol
Concen: 36.831 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

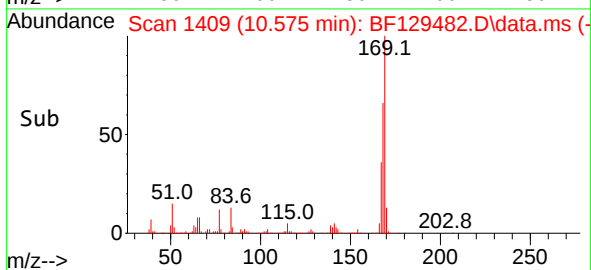
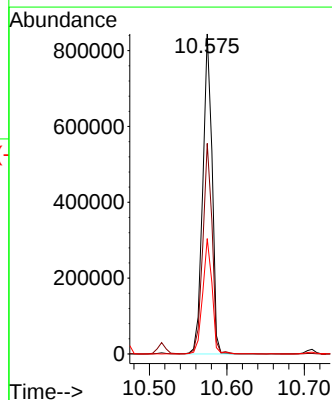
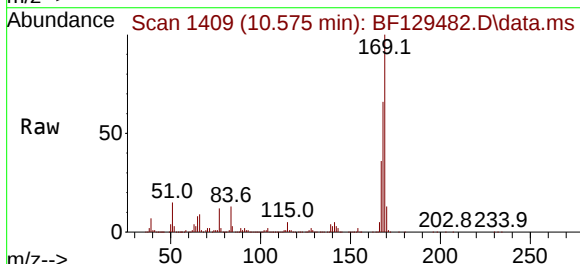
Instrument :
BNA_F
ClientSampleId :
RVE-65MSD

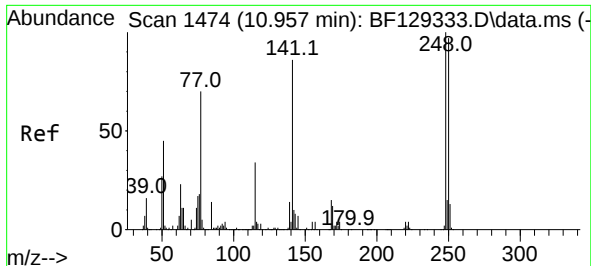
Tgt Ion:198 Resp: 92552
Ion Ratio Lower Upper
198 100
51 48.4 37.6 77.6
105 48.9 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 52.897 ng
RT: 10.575 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion:169 Resp: 701348
Ion Ratio Lower Upper
169 100
168 65.8 50.1 75.1
167 36.0 27.9 41.9

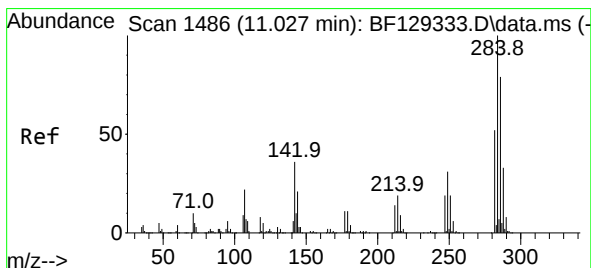
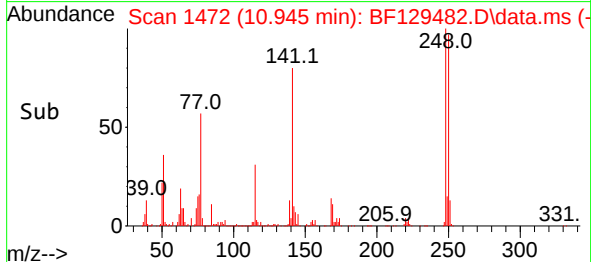
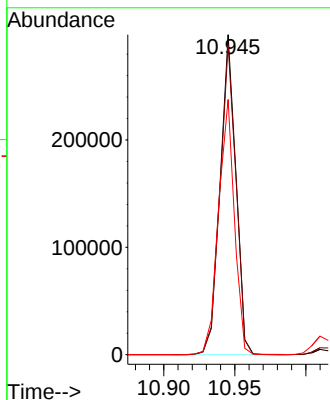
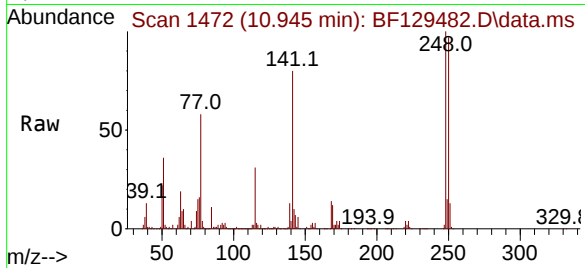




#67
4-Bromophenyl-phenylether
Concen: 52.974 ng
RT: 10.945 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

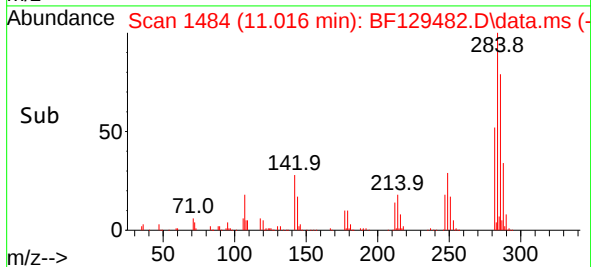
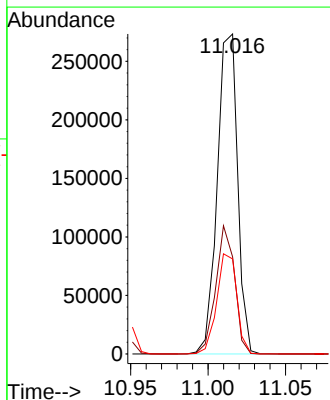
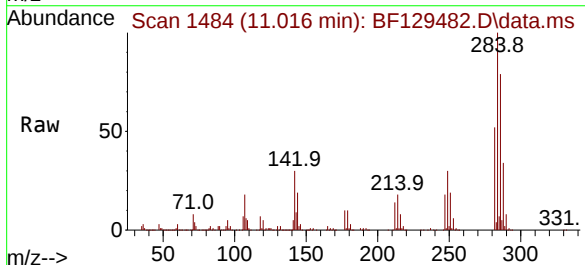
Instrument :
BNA_F
ClientSampleId :
RVE-65MSD

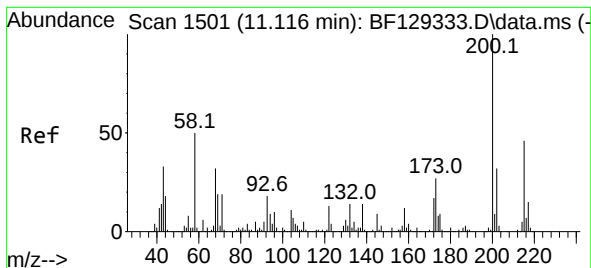
Tgt Ion:248 Resp: 230951
Ion Ratio Lower Upper
248 100
250 96.8 80.6 120.8
141 79.7 58.9 88.3



#68
Hexachlorobenzene
Concen: 52.956 ng
RT: 11.016 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion:284 Resp: 250153
Ion Ratio Lower Upper
284 100
142 30.4 29.0 43.4
249 29.7 25.0 37.6





#69

Atrazine

Concen: 46.288 ng

RT: 11.104 min Scan# 1499

Delta R.T. 0.000 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

Instrument :

BNA_F

ClientSampleId :

RVE-65MSD

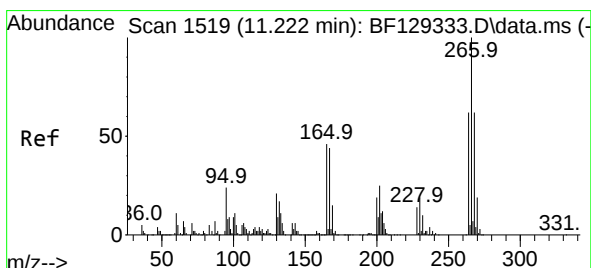
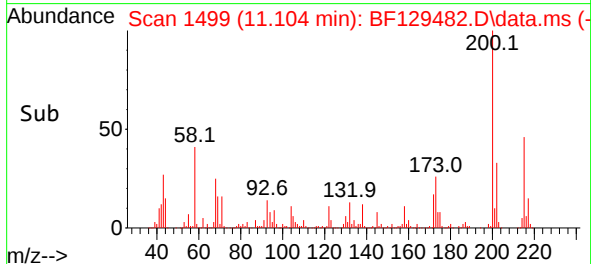
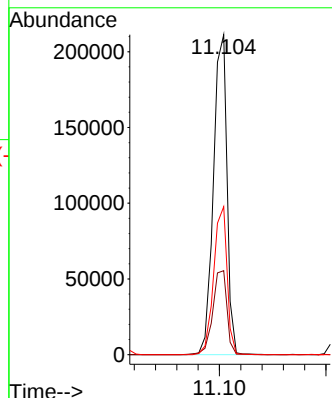
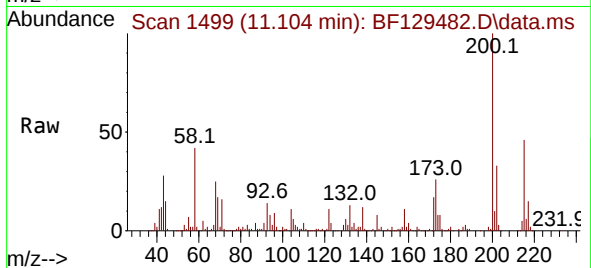
Tgt Ion:200 Resp: 186413

Ion Ratio Lower Upper

200 100

173 26.3 6.3 46.3

215 46.2 28.3 68.3



#70

Pentachlorophenol

Concen: 60.157 ng

RT: 11.216 min Scan# 1518

Delta R.T. 0.006 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

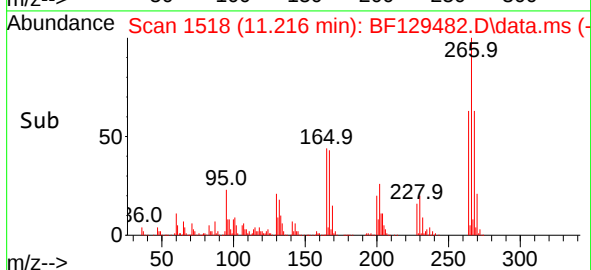
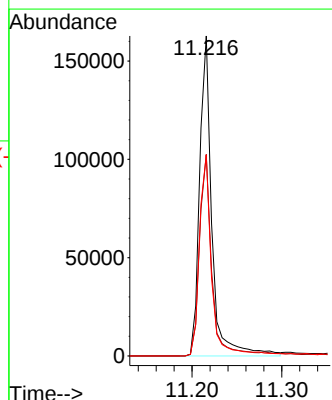
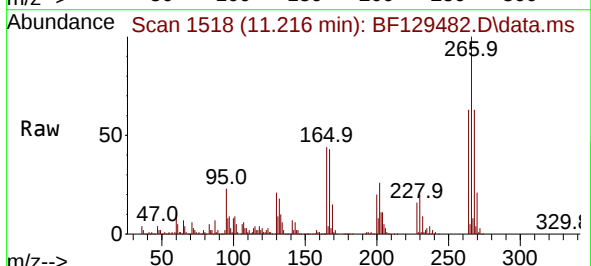
Tgt Ion:266 Resp: 154484

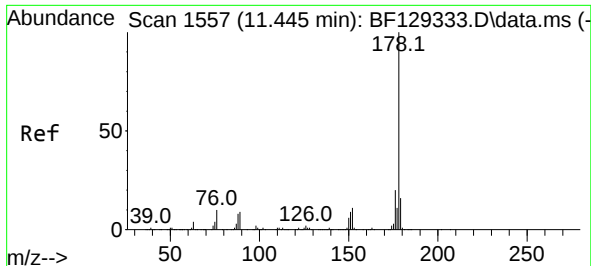
Ion Ratio Lower Upper

266 100

268 62.9 51.0 76.4

264 62.9 49.4 74.2

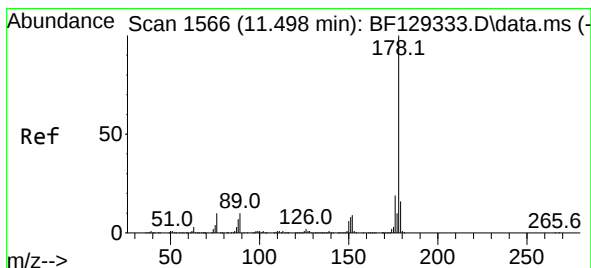
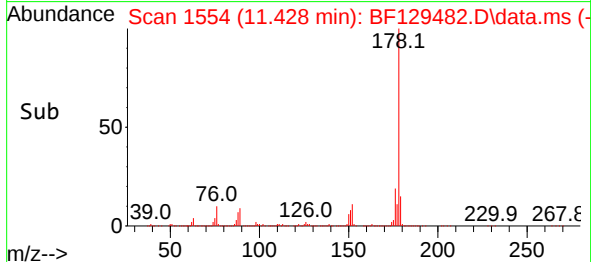
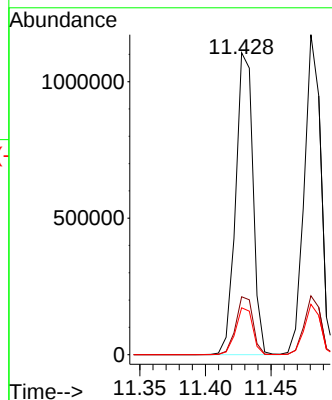
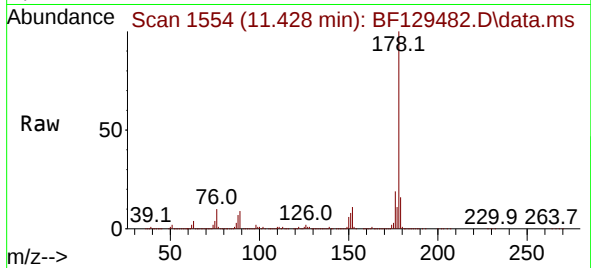




#71
Phenanthrene
Concen: 46.829 ng
RT: 11.428 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

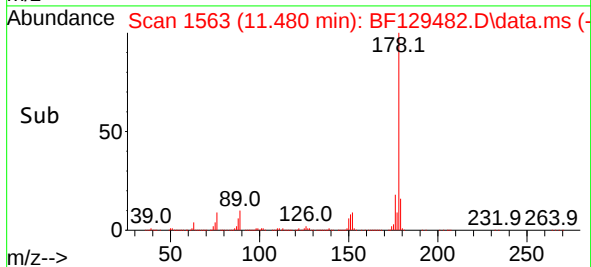
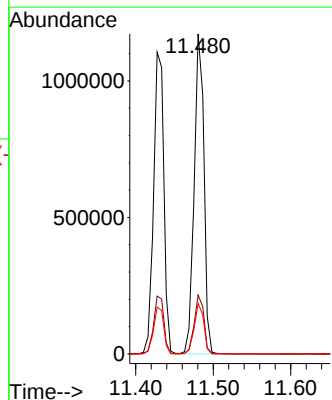
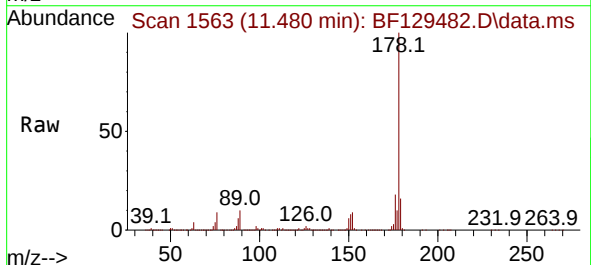
Instrument :
BNA_F
ClientSampleId :
RVE-65MSD

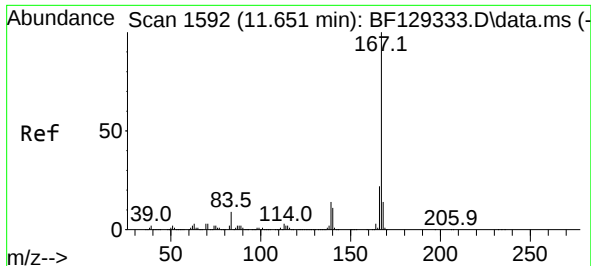
Tgt Ion:178 Resp: 1017723
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.5 12.6 19.0



#72
Anthracene
Concen: 48.076 ng
RT: 11.480 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion:178 Resp: 1026764
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 15.7 12.6 19.0

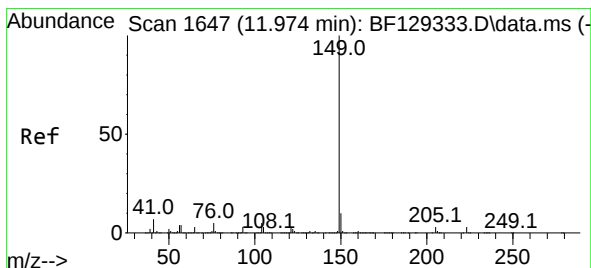
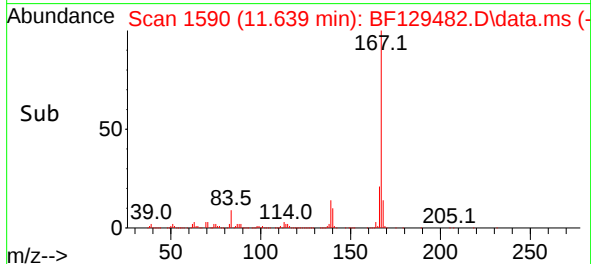
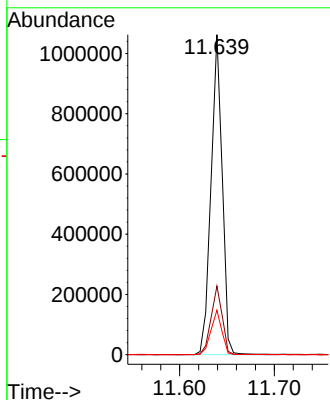
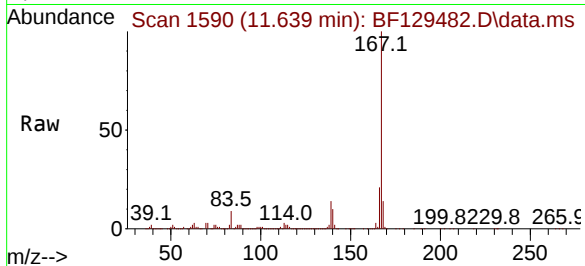




#73
 Carbazole
 Concen: 43.118 ng
 RT: 11.639 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF129482.D
 Acq: 01 Aug 2022 19:55

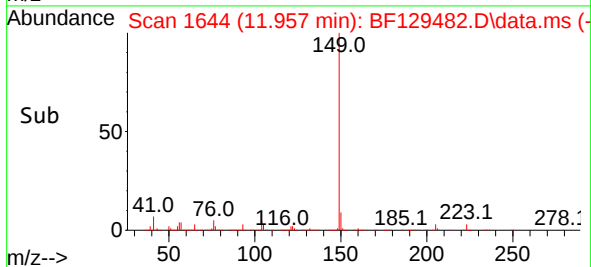
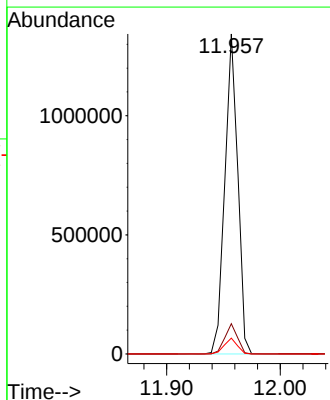
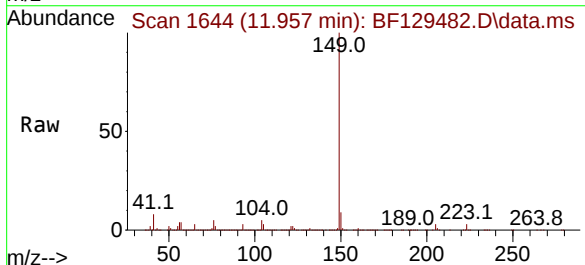
Instrument :
 BNA_F
 ClientSampleId :
 RVE-65MSD

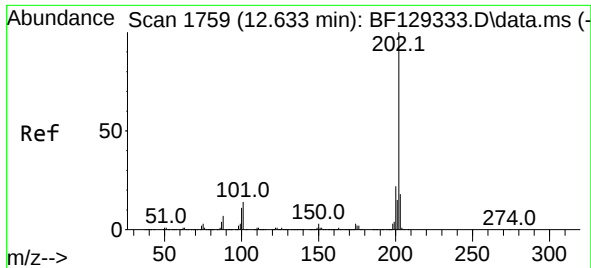
Tgt Ion:167 Resp: 866872
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.7 26.5
 139 13.9 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 44.437 ng
 RT: 11.957 min Scan# 1644
 Delta R.T. 0.000 min
 Lab File: BF129482.D
 Acq: 01 Aug 2022 19:55

Tgt Ion:149 Resp: 1063913
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.9 4.4 6.6

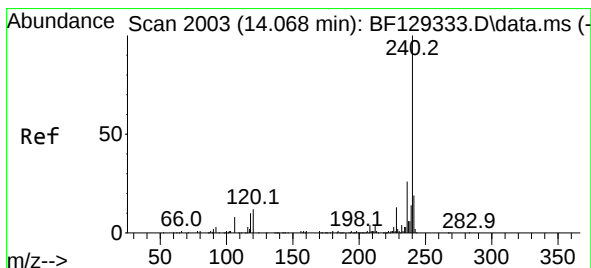
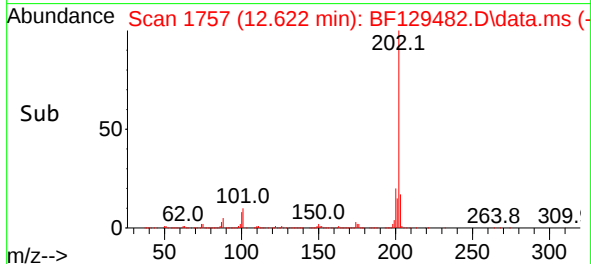
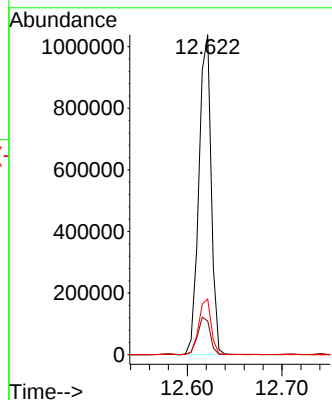
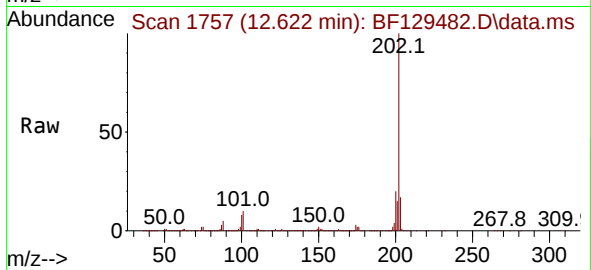




#75
Fluoranthene
Concen: 42.664 ng
RT: 12.622 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

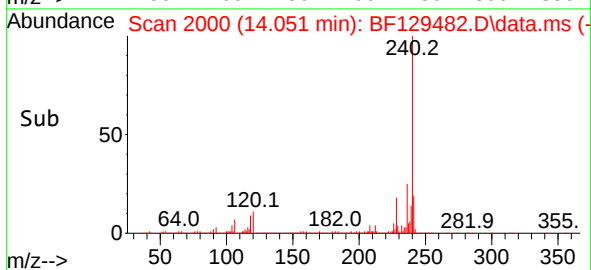
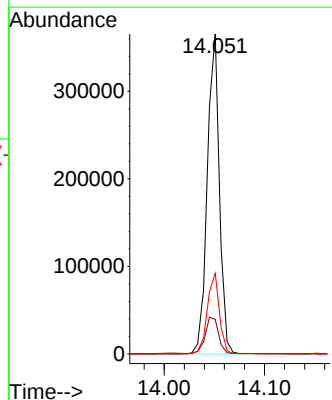
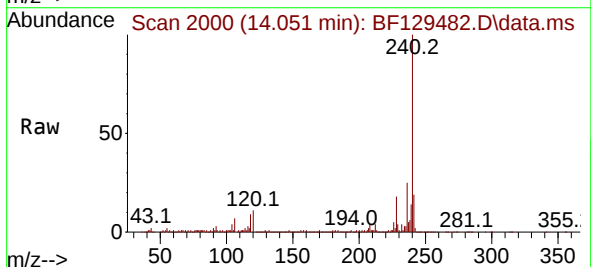
Instrument :
BNA_F
ClientSampleId :
RVE-65MSD

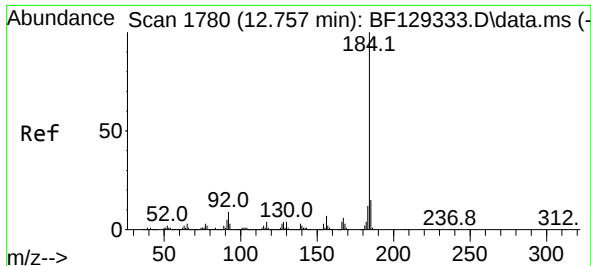
Tgt Ion:202 Resp: 939484
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 17.4 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion:240 Resp: 308524
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 25.2 20.8 31.2

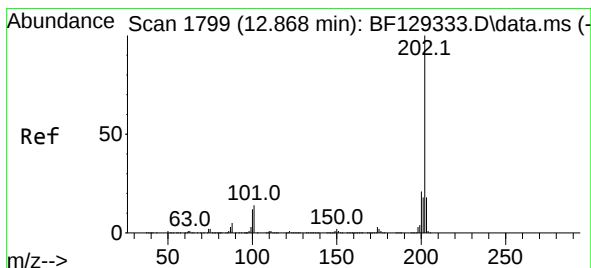
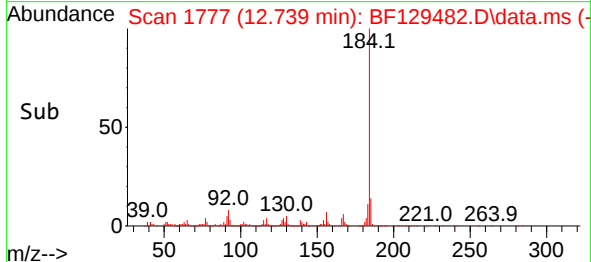
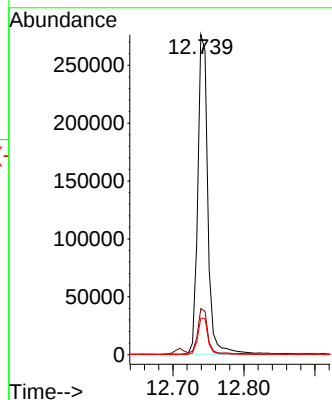
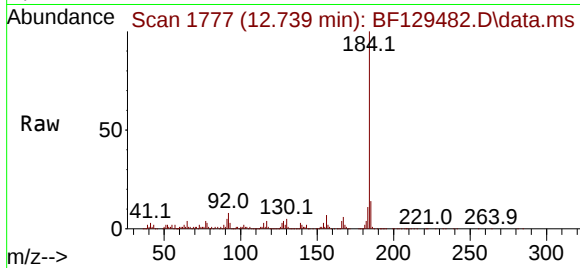




#77
Benzidine
Concen: 24.992 ng
RT: 12.739 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

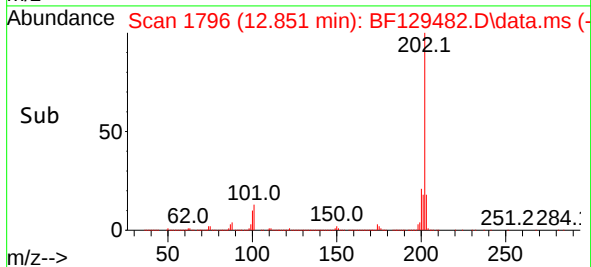
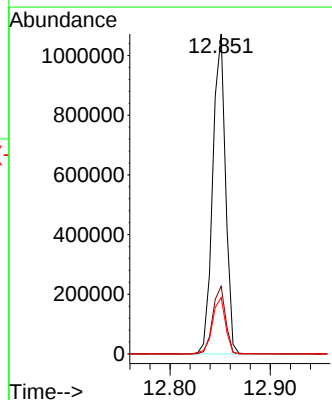
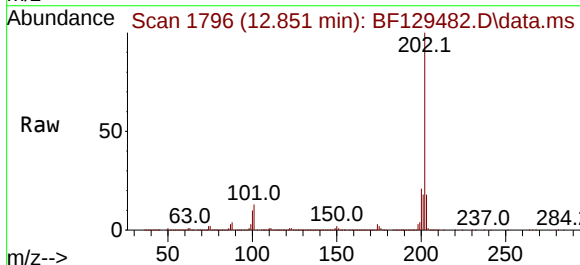
Instrument :
BNA_F
ClientSampleId :
RVE-65MSD

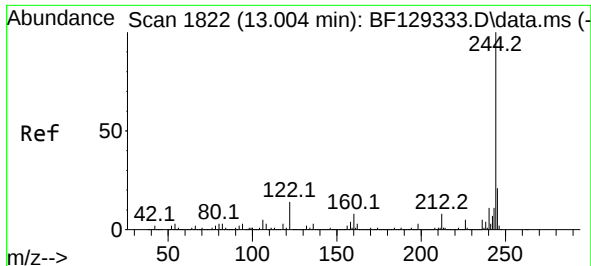
Tgt Ion:184 Resp: 272398
Ion Ratio Lower Upper
184 100
185 14.4 11.9 17.9
183 11.4 9.3 13.9



#78
Pyrene
Concen: 36.862 ng
RT: 12.851 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion:202 Resp: 951019
Ion Ratio Lower Upper
202 100
200 21.1 17.7 26.5
203 17.7 14.6 21.8

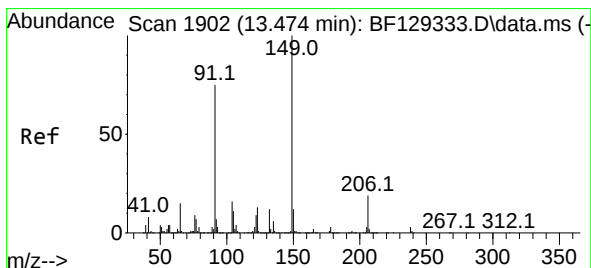
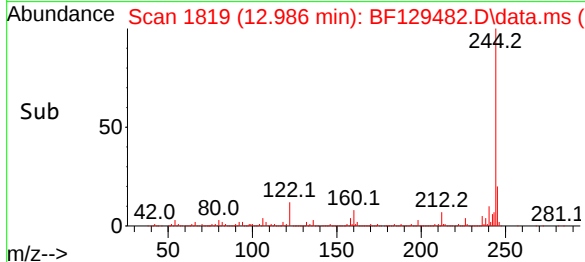
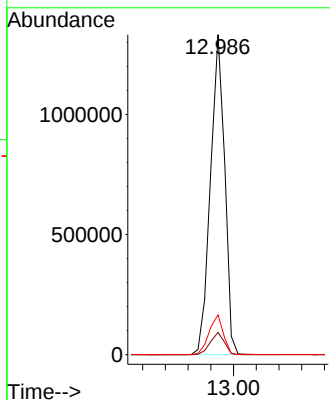
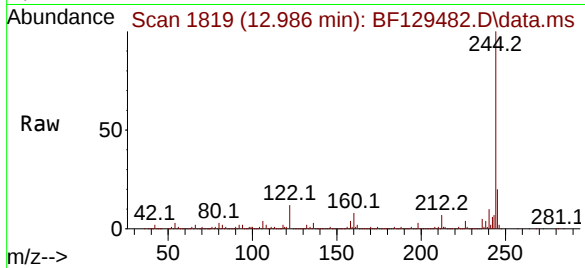




#79
 Terphenyl-d14
 Concen: 70.758 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. 0.000 min
 Lab File: BF129482.D
 Acq: 01 Aug 2022 19:55

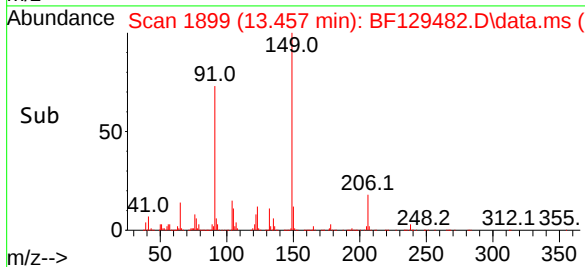
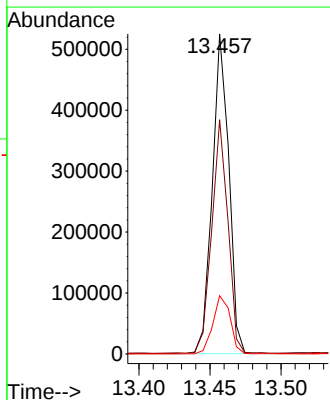
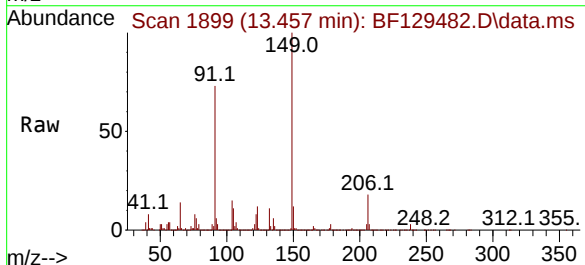
Instrument :
 BNA_F
 ClientSampleId :
 RVE-65MSD

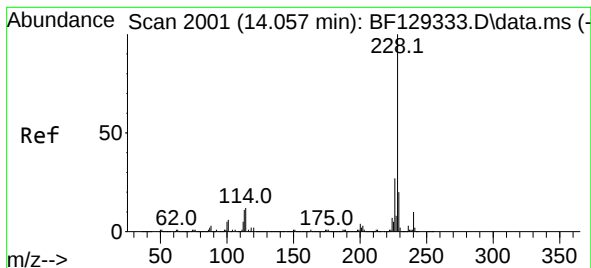
Tgt Ion:244 Resp: 1157144
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 12.5 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 37.788 ng
 RT: 13.457 min Scan# 1899
 Delta R.T. 0.000 min
 Lab File: BF129482.D
 Acq: 01 Aug 2022 19:55

Tgt Ion:149 Resp: 422868
 Ion Ratio Lower Upper
 149 100
 91 73.2 61.2 91.8
 206 18.2 15.7 23.5





#81

Benzo(a)anthracene

Concen: 44.692 ng

RT: 14.039 min Scan# 1998

Delta R.T. 0.000 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

Instrument :

BNA_F

ClientSampleId :

RVE-65MSD

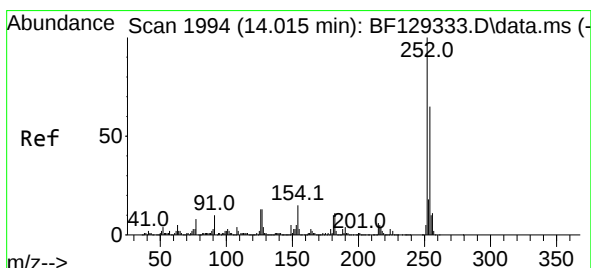
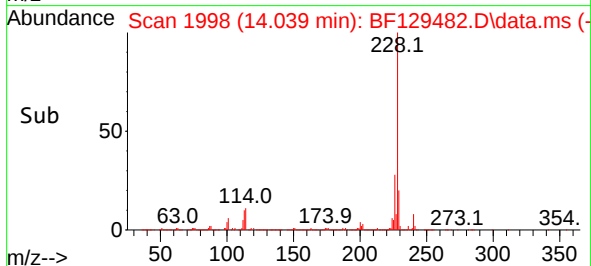
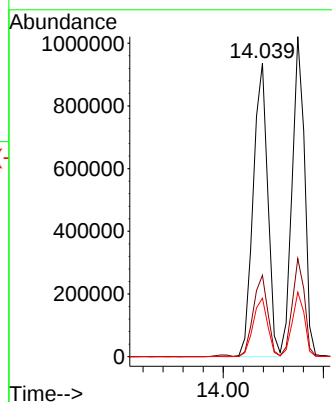
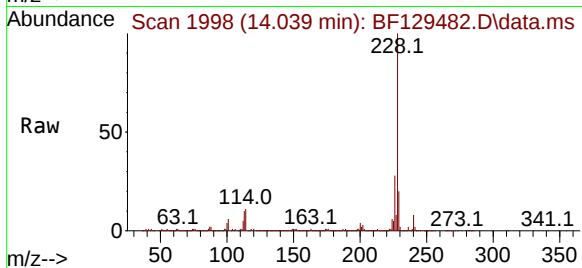
Tgt Ion:228 Resp: 941886

Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 41.804 ng

RT: 13.998 min Scan# 1991

Delta R.T. 0.000 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

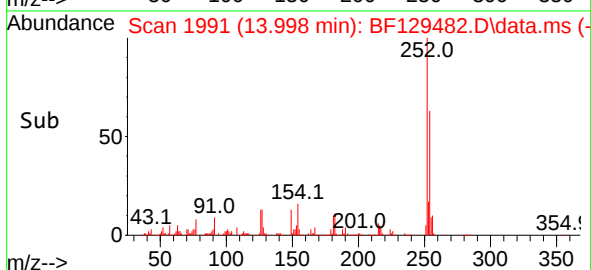
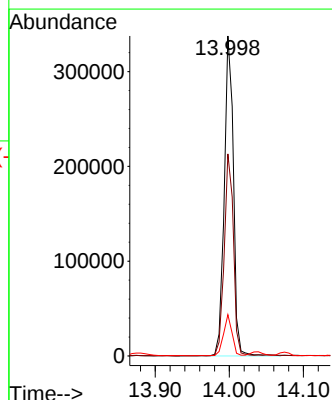
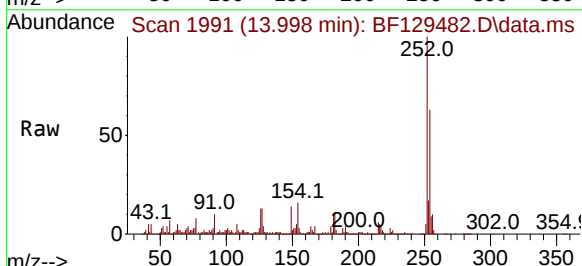
Tgt Ion:252 Resp: 290885

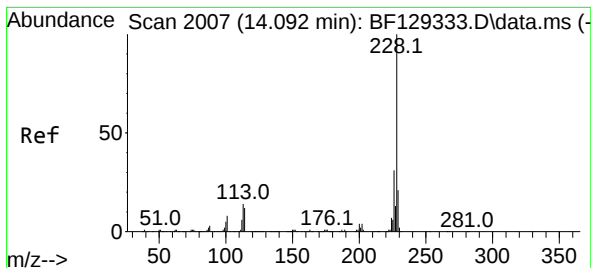
Ion Ratio Lower Upper

252 100

254 63.2 50.2 75.4

126 12.9 8.2 12.4#





#83

Chrysene

Concen: 44.165 ng

RT: 14.074 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

Instrument :

BNA_F

ClientSampleId :

RVE-65MSD

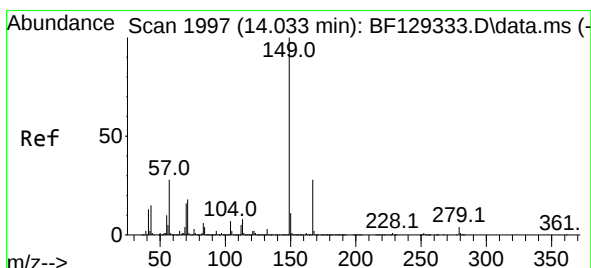
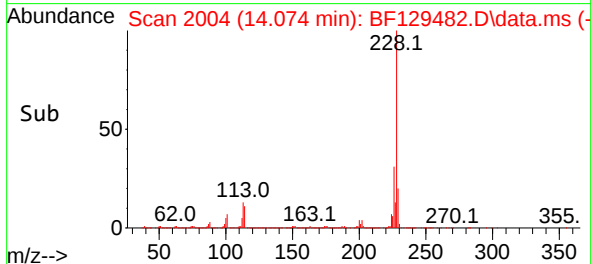
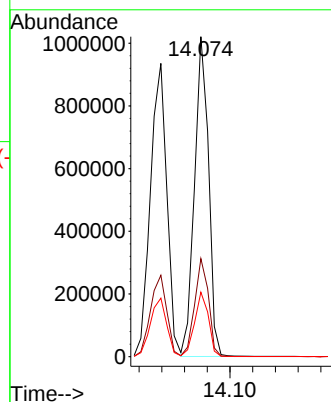
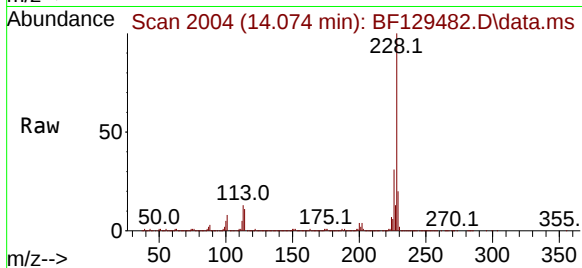
Tgt Ion:228 Resp: 877237

Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

229 20.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.492 ng

RT: 14.010 min Scan# 1993

Delta R.T. 0.000 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

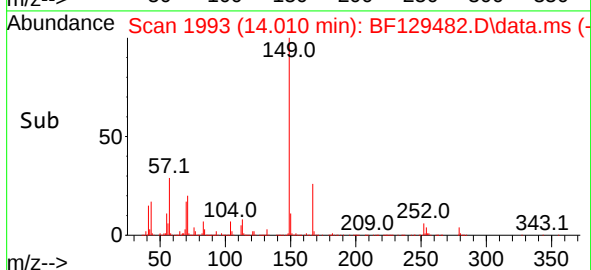
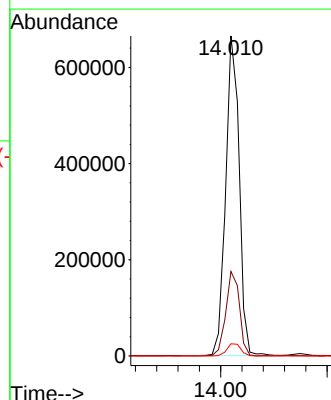
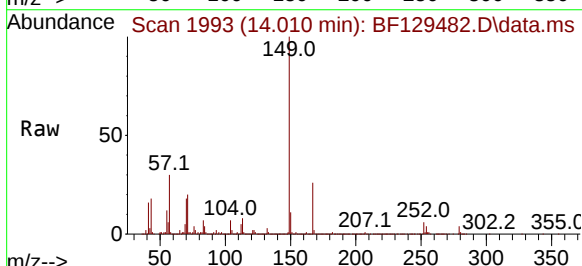
Tgt Ion:149 Resp: 581827

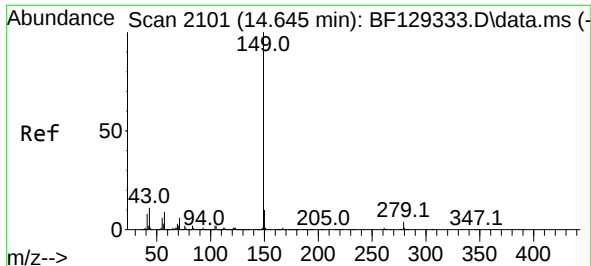
Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.4

279 3.8 3.1 4.7

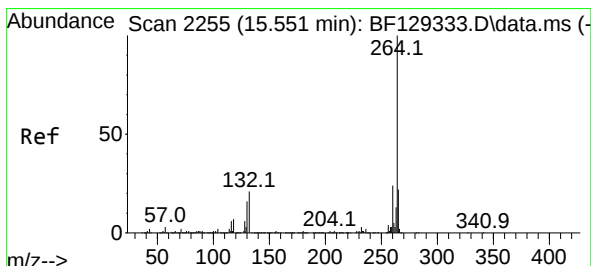
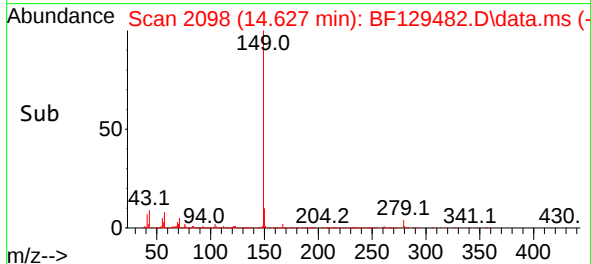
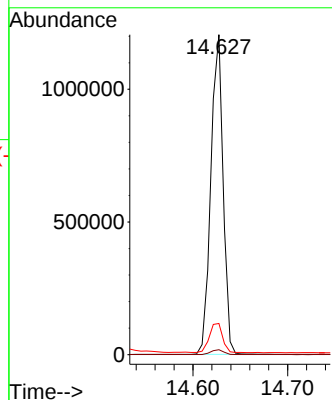
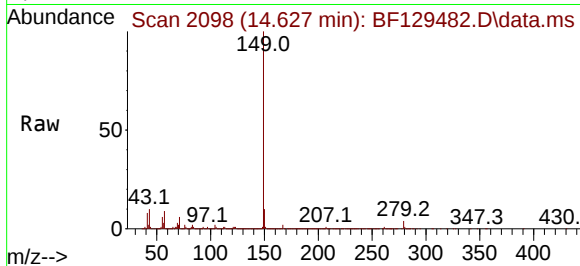




#85
Di-n-octyl phthalate
Concen: 50.909 ng
RT: 14.627 min Scan# 2098
Delta R.T. 0.006 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

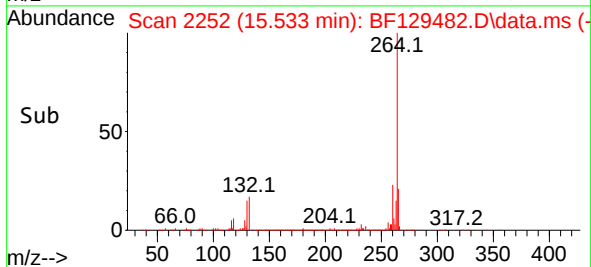
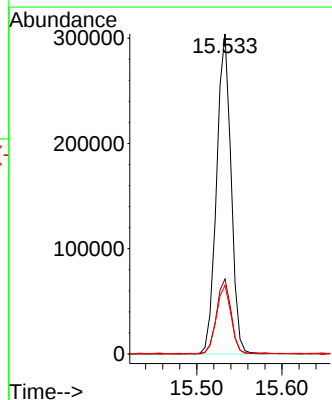
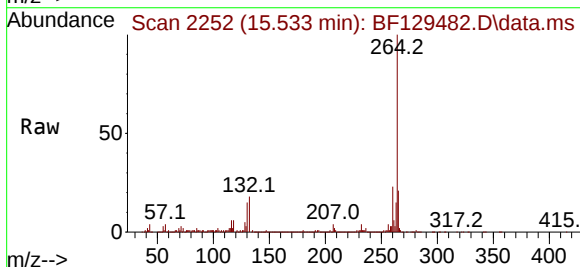
Instrument :
BNA_F
ClientSampleId :
RVE-65MSD

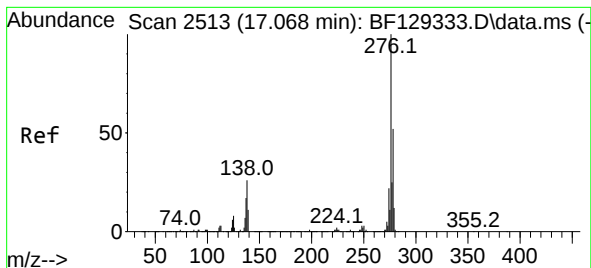
Tgt Ion:149 Resp: 1079303
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.0 9.2 13.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2252
Delta R.T. 0.006 min
Lab File: BF129482.D
Acq: 01 Aug 2022 19:55

Tgt Ion:264 Resp: 358882
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.4 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.080 ng

RT: 17.039 min Scan# 2113634

Delta R.T. 0.006 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

Instrument :

BNA_F

ClientSampleId :

RVE-65MSD

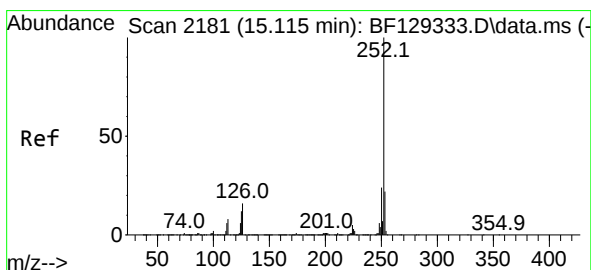
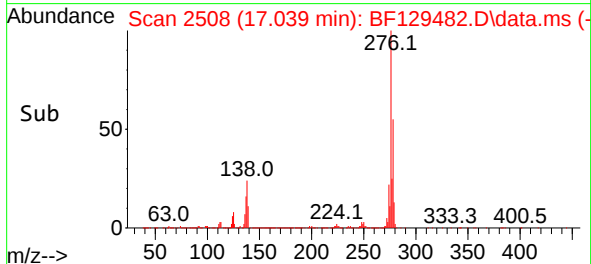
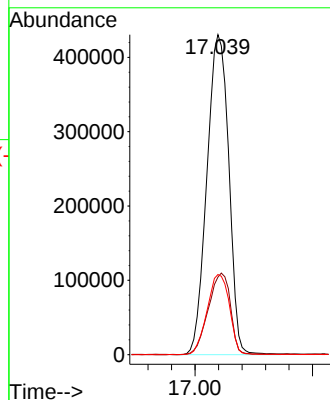
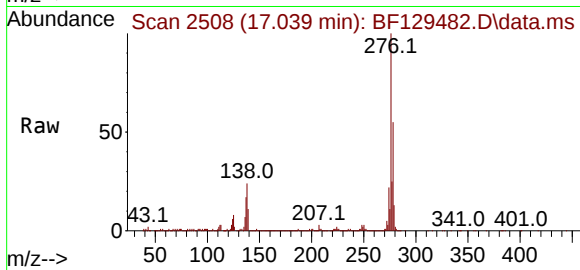
Tgt Ion:276 Resp: 1113634

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: 44.623 ng

RT: 15.098 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

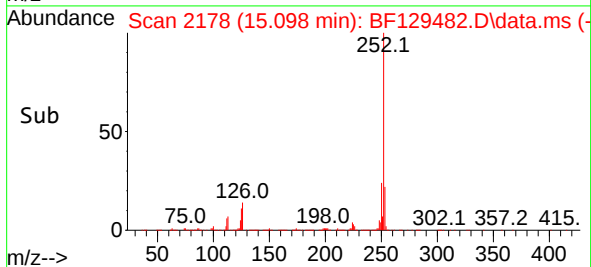
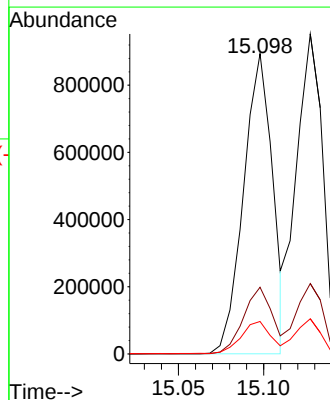
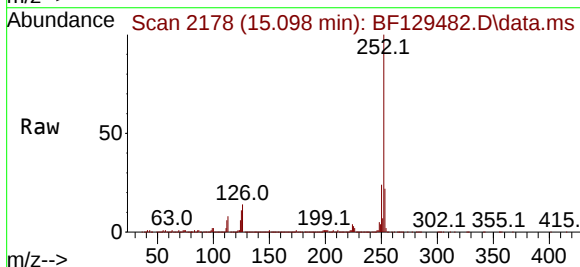
Tgt Ion:252 Resp: 1062285

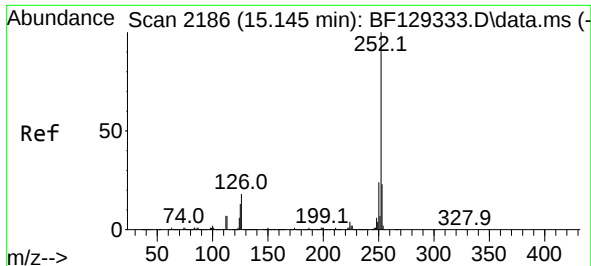
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 10.8 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 43.963 ng

RT: 15.127 min Scan# 2186

Delta R.T. 0.006 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

Instrument :

BNA_F

ClientSampleId :

RVE-65MSD

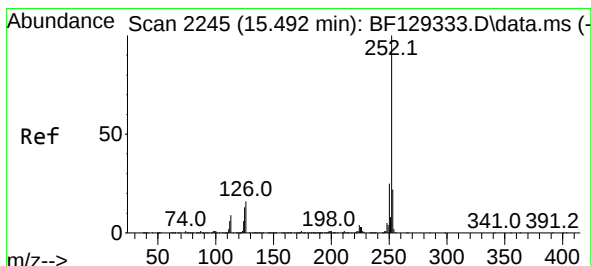
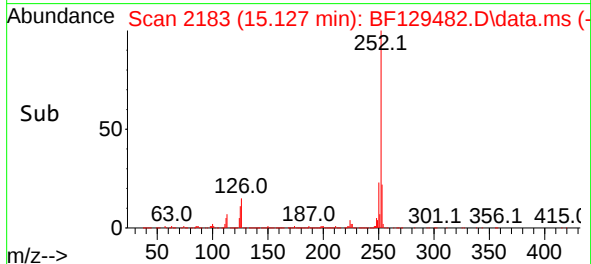
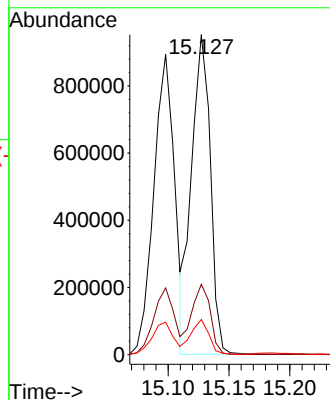
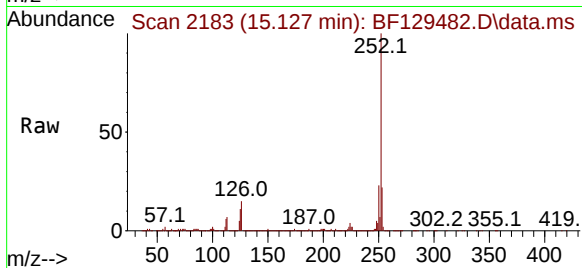
Tgt Ion:252 Resp: 1025603

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 11.0 8.3 12.5



#90

Benzo(a)pyrene

Concen: 49.165 ng

RT: 15.474 min Scan# 2242

Delta R.T. 0.006 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

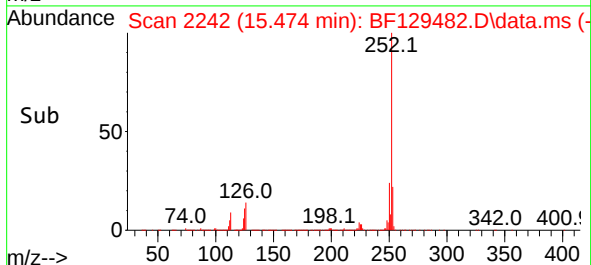
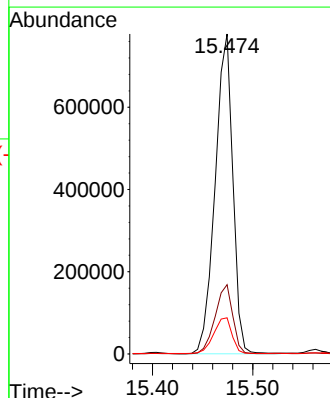
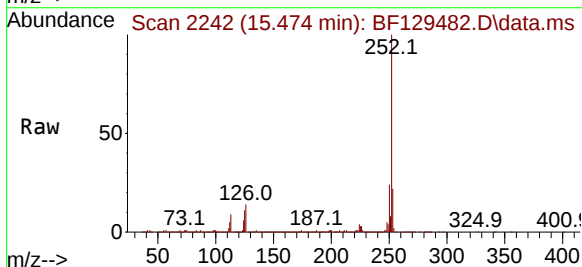
Tgt Ion:252 Resp: 950108

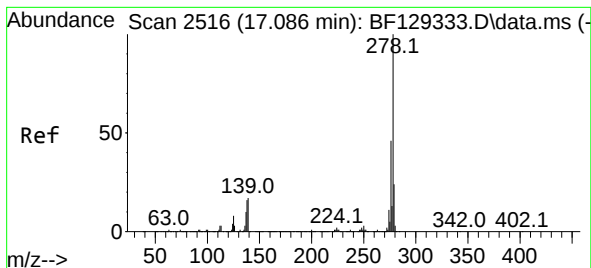
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 11.3 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 48.353 ng

RT: 17.057 min Scan# 2511

Delta R.T. 0.012 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

Instrument :

BNA_F

ClientSampleId :

RVE-65MSD

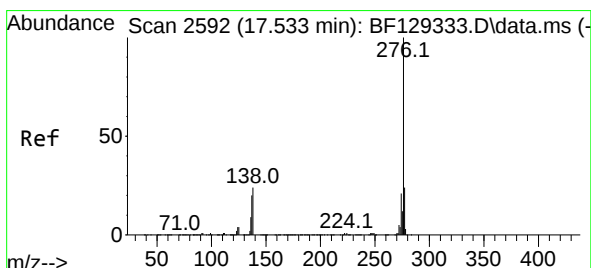
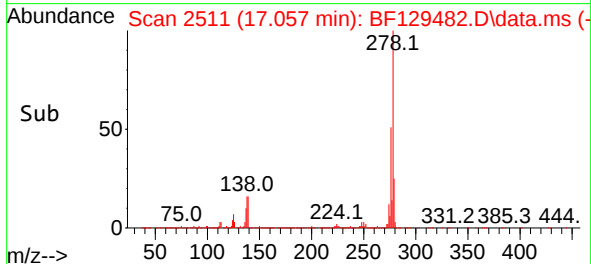
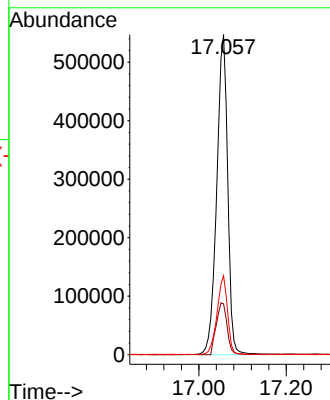
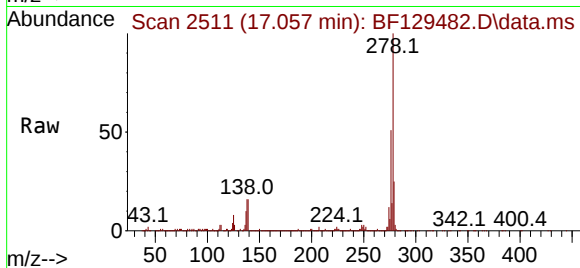
Tgt Ion:278 Resp: 951110

Ion Ratio Lower Upper

278 100

139 15.9 12.8 19.2

279 24.7 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 46.131 ng

RT: 17.504 min Scan# 2587

Delta R.T. 0.012 min

Lab File: BF129482.D

Acq: 01 Aug 2022 19:55

Tgt Ion:276 Resp: 927208

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 21.4 18.0 27.0

