

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129547.D
 Acq On : 03 Aug 2022 18:51
 Operator : CG\JU
 Sample : N3930-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-98MSD

Quant Time: Aug 04 02:20:05 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	6.869	152	140541	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	533573	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	238549	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	313425	20.000	ng	0.00
76) Chrysene-d12	14.045	240	274546	20.000	ng	0.00
86) Perylene-d12	15.527	264	321350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	787906	91.326	ng	0.00
7) Phenol-d6	6.516	99	970065	89.455	ng	0.00
23) Nitrobenzene-d5	7.434	82	616184	63.040	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	178409	77.790	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1040462	67.472	ng	0.00
79) Terphenyl-d14	12.980	244	742252	51.005	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	174503	44.830	ng	90
3) Pyridine	3.481	79	452605	41.869	ng	91
4) n-Nitrosodimethylamine	3.434	42	232769	49.037	ng	# 93
6) Aniline	6.534	93	389308	28.878	ng	# 39
8) 2-Chlorophenol	6.663	128	468890	49.746	ng	96
9) Benzaldehyde	6.422	77	217843	29.581	ng	97
10) Phenol	6.528	94	554900	48.051	ng	88
11) bis(2-Chloroethyl)ether	6.604	93	447103	48.819	ng	93
12) 1,3-Dichlorobenzene	6.810	146	496566	49.121	ng	98
13) 1,4-Dichlorobenzene	6.887	146	500740	48.706	ng	97
14) 1,2-Dichlorobenzene	7.040	146	480625	50.860	ng	98
15) Benzyl Alcohol	7.016	79	396153	50.370	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.146	45	615618	44.719	ng	78
17) 2-Methylphenol	7.134	107	355845	45.508	ng	# 92
18) Hexachloroethane	7.381	117	193694	50.035	ng	93
19) n-Nitroso-di-n-propyla...	7.281	70	310079	47.232	ng	94
20) 3+4-Methylphenols	7.287	107	438725	44.128	ng	98
22) Acetophenone	7.281	105	623226	50.169	ng	# 97
24) Nitrobenzene	7.457	77	476258	47.317	ng	93
25) Isophorone	7.693	82	837428	47.796	ng	99
26) 2-Nitrophenol	7.769	139	242234	48.783	ng	98
27) 2,4-Dimethylphenol	7.810	122	376838	50.594	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	526749	51.826	ng	99
29) 2,4-Dichlorophenol	8.016	162	350331	45.570	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	372714	46.839	ng	96
31) Naphthalene	8.175	128	1274572	47.017	ng	100
32) Benzoic acid	7.934	122	184692	34.300	ng	100
33) 4-Chloroaniline	8.228	127	202191	18.167	ng	95
34) Hexachlorobutadiene	8.287	225	225429	49.838	ng	98
35) Caprolactam	8.598	113	77133	30.861	ng	# 81
36) 4-Chloro-3-methylphenol	8.716	107	354354	43.459	ng	98
37) 2-Methylnaphthalene	8.869	142	800722	45.452	ng	99
38) 1-Methylnaphthalene	8.963	142	749277	44.059	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	342238	54.638	ng	98
41) Hexachlorocyclopentadiene	9.016	237	296655	106.358	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	216980	47.694	ng	96

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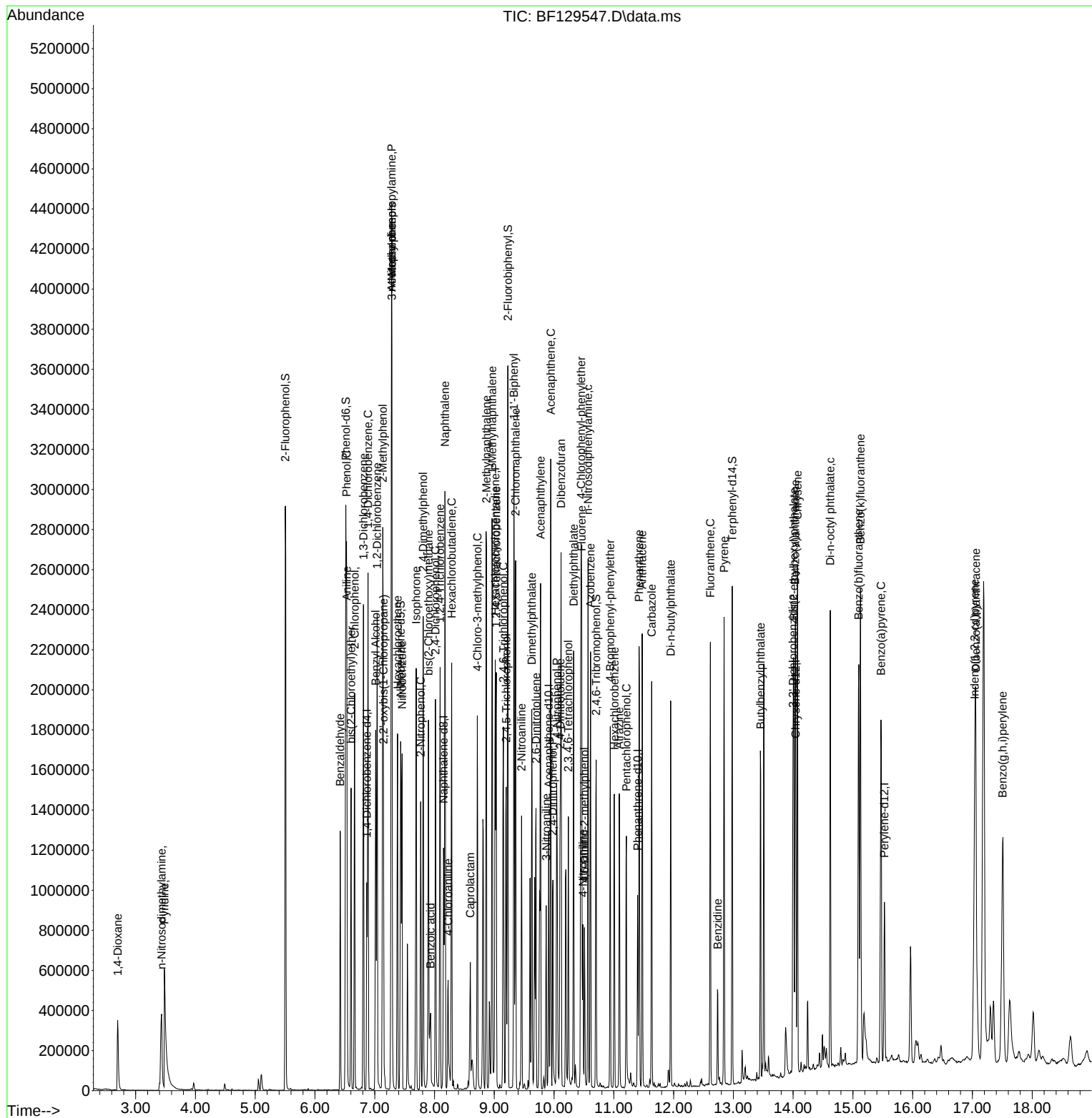
Instrument :
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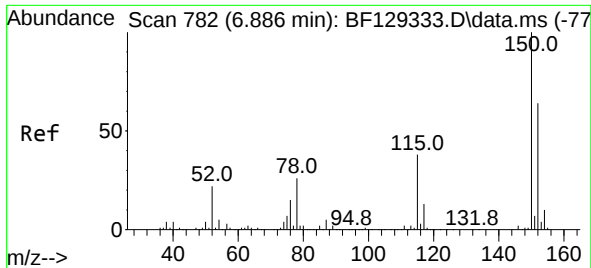
Quant Time: Aug 04 02:20:05 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	223915	45.259	ng	96
46) 1,1'-Biphenyl	9.328	154	925515	53.162	ng	98
47) 2-Chloronaphthalene	9.357	162	714852	50.793	ng	99
48) 2-Nitroaniline	9.457	65	214822	45.904	ng	93
49) Acenaphthylene	9.775	152	1038237	48.550	ng	99
50) Dimethylphthalate	9.628	163	791281	48.050	ng	100
51) 2,6-Dinitrotoluene	9.698	165	172741	46.866	ng	95
52) Acenaphthene	9.945	154	608636	43.575	ng	99
53) 3-Nitroaniline	9.869	138	123424	28.358	ng #	94
54) 2,4-Dinitrophenol	9.981	184	135628	72.081	ng #	87
55) Dibenzofuran	10.116	168	909760	47.250	ng	96
56) 4-Nitrophenol	10.045	139	202902	63.191	ng	96
57) 2,4-Dinitrotoluene	10.104	165	212905	44.217	ng	90
58) Fluorene	10.463	166	695972	45.176	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	142867	37.367	ng #	91
60) Diethylphthalate	10.328	149	710012	44.601	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	322557	47.492	ng	95
62) 4-Nitroaniline	10.486	138	147420	34.144	ng	88
63) Azobenzene	10.610	77	680988	41.940	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	90872	45.935	ng	95
66) n-Nitrosodiphenylamine	10.569	169	582743	55.830	ng	98
67) 4-Bromophenyl-phenylether	10.939	248	184586	53.782	ng	97
68) Hexachlorobenzene	11.010	284	199626	53.681	ng	95
69) Atrazine	11.092	200	156875	49.481	ng	96
70) Pentachlorophenol	11.210	266	145241	71.843	ng	100
71) Phenanthrene	11.422	178	836654	48.901	ng	99
72) Anthracene	11.475	178	821813	48.879	ng	99
73) Carbazole	11.633	167	730210	46.137	ng	99
74) Di-n-butylphthalate	11.951	149	867900	46.047	ng	99
75) Fluoranthene	12.616	202	809518	46.698	ng	99
77) Benzidine	12.739	184	187021	19.282	ng	99
78) Pyrene	12.845	202	831668	36.225	ng	98
80) Butylbenzylphthalate	13.457	149	378523	38.011	ng	89
81) Benzo(a)anthracene	14.033	228	863006	46.017	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	226906	36.645	ng	98
83) Chrysene	14.074	228	820761	46.436	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	541929	41.337	ng	98
85) Di-n-octyl phthalate	14.621	149	1009016	53.484	ng	97
87) Indeno(1,2,3-cd)pyrene	17.039	276	982583	45.406	ng	99
88) Benzo(b)fluoranthene	15.098	252	1014102	47.574	ng	99
89) Benzo(k)fluoranthene	15.127	252	926534	44.355	ng	99
90) Benzo(a)pyrene	15.468	252	875088	50.572	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	843752	47.905	ng	100
92) Benzo(g,h,i)perylene	17.504	276	791154	43.959	ng	99

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

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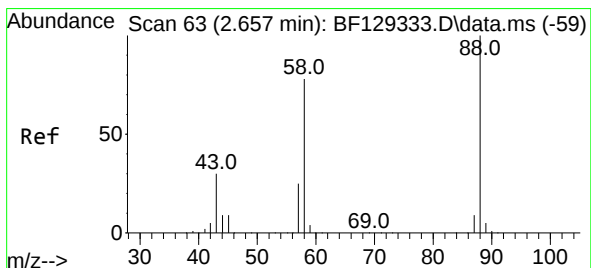
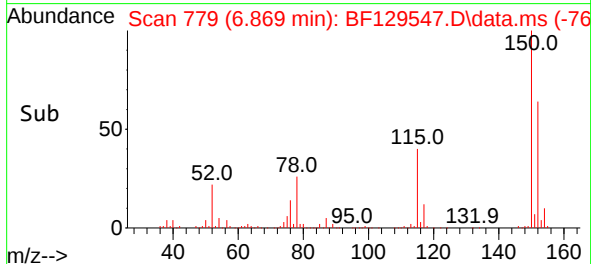
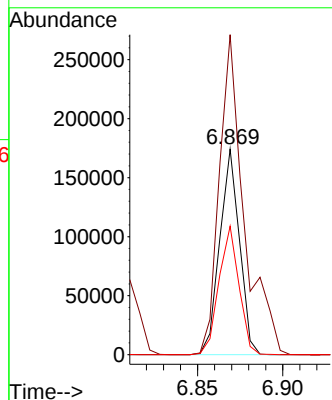
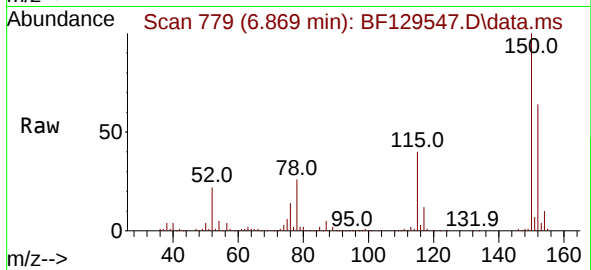




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129547.D
 Acq: 03 Aug 2022 18:51

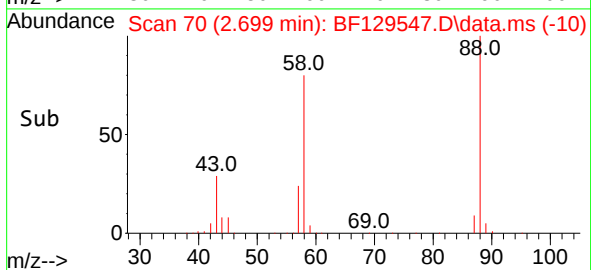
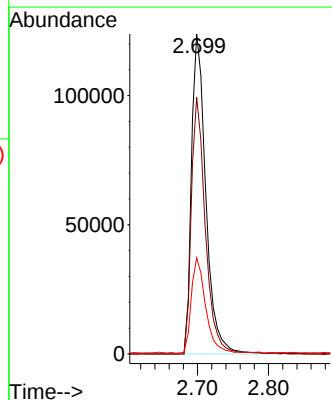
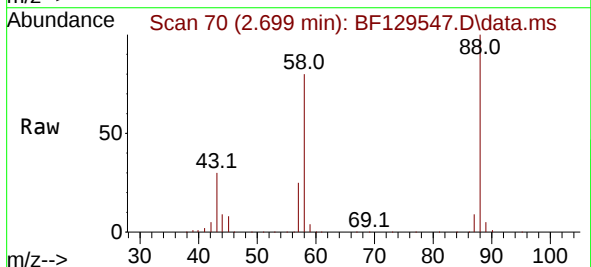
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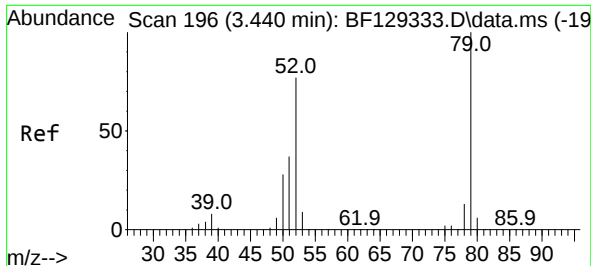
Tgt Ion:152 Resp: 140541
 Ion Ratio Lower Upper
 152 100
 150 155.6 123.7 185.5
 115 62.5 49.9 74.9



#2
 1,4-Dioxane
 Concen: 44.830 ng
 RT: 2.699 min Scan# 70
 Delta R.T. 0.053 min
 Lab File: BF129547.D
 Acq: 03 Aug 2022 18:51

Tgt Ion: 88 Resp: 174503
 Ion Ratio Lower Upper
 88 100
 58 78.4 71.8 107.8
 43 29.9 26.6 39.8





#3

Pyridine

Concen: 41.869 ng

RT: 3.481 min Scan# 203

Delta R.T. 0.047 min

Lab File: BF129547.D

Acq: 03 Aug 2022 18:51

Instrument :

BNA_F

ClientSampleId :

RVE-98MSD

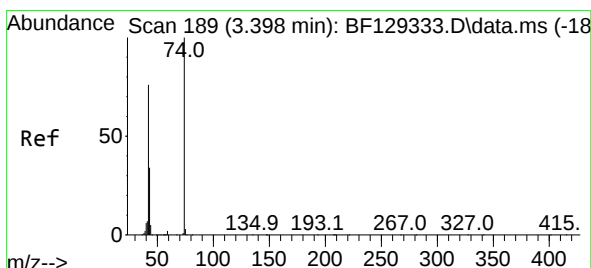
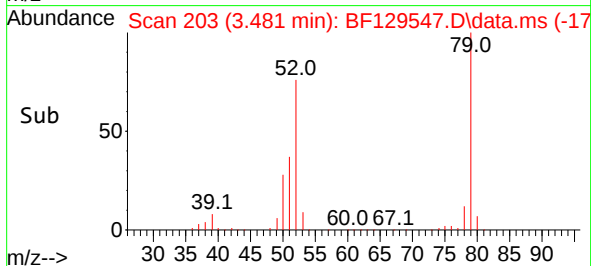
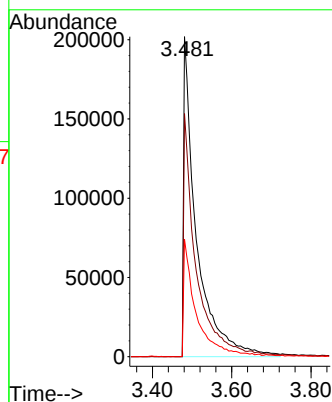
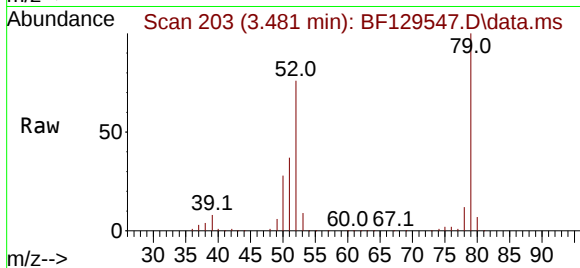
Tgt Ion: 79 Resp: 452605

Ion Ratio Lower Upper

79 100

52 76.0 68.6 102.8

51 36.7 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 49.037 ng

RT: 3.434 min Scan# 195

Delta R.T. 0.047 min

Lab File: BF129547.D

Acq: 03 Aug 2022 18:51

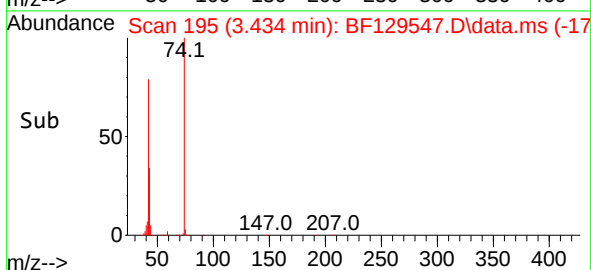
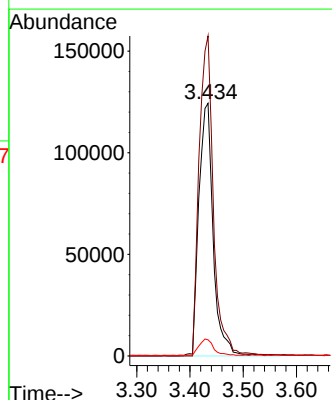
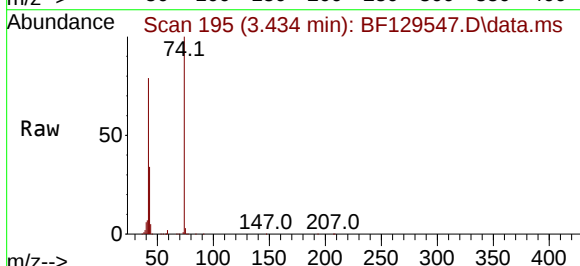
Tgt Ion: 42 Resp: 232769

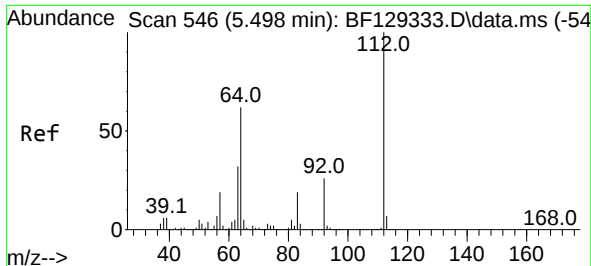
Ion Ratio Lower Upper

42 100

74 126.7 94.8 142.2

44 6.4 6.6 10.0#

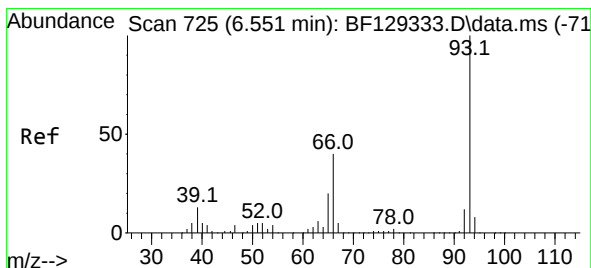
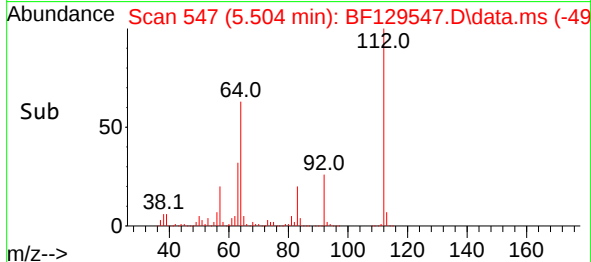
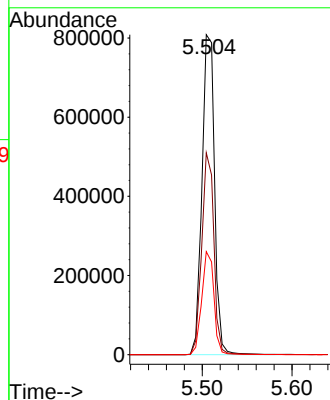
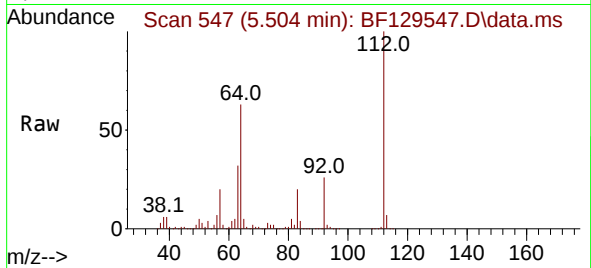




#5
2-Fluorophenol
Concen: 91.326 ng
RT: 5.504 min Scan# 54
Delta R.T. 0.000 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

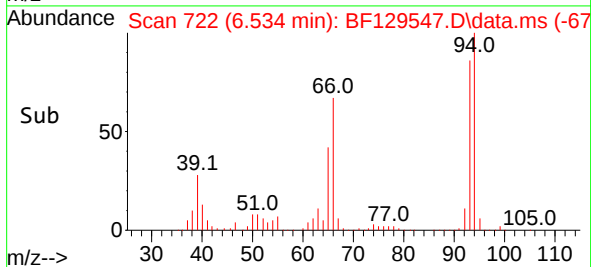
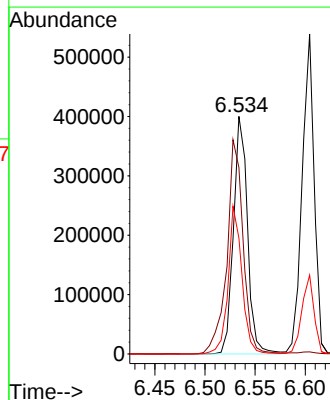
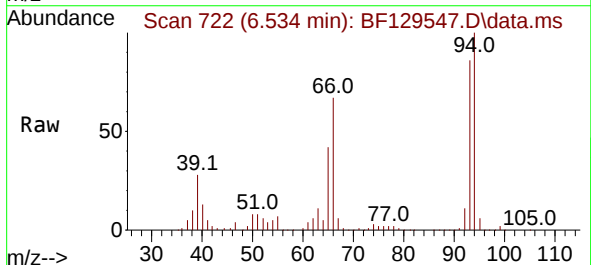
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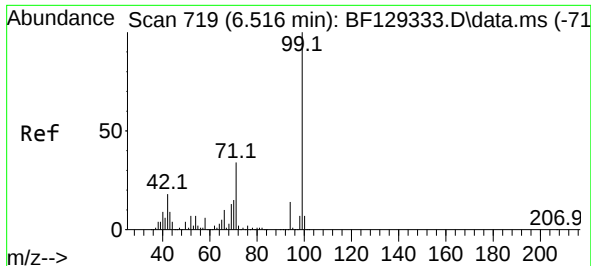
Tgt Ion:112 Resp: 787906
Ion Ratio Lower Upper
112 100
64 63.1 53.3 79.9
63 32.2 28.0 42.0



#6
Aniline
Concen: 28.878 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.012 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion: 93 Resp: 389308
Ion Ratio Lower Upper
93 100
66 78.4 32.5 48.7#
65 48.8 16.4 24.6#

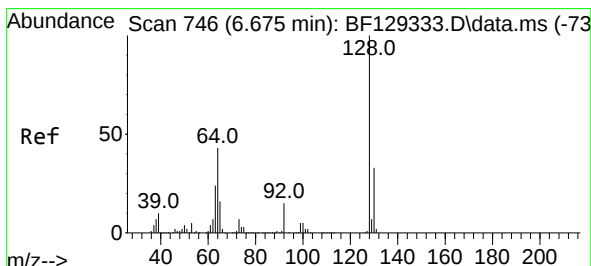
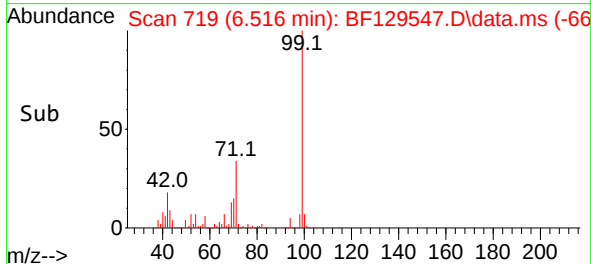
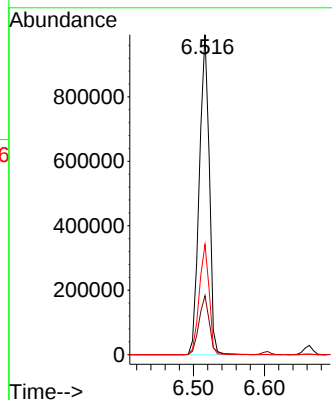
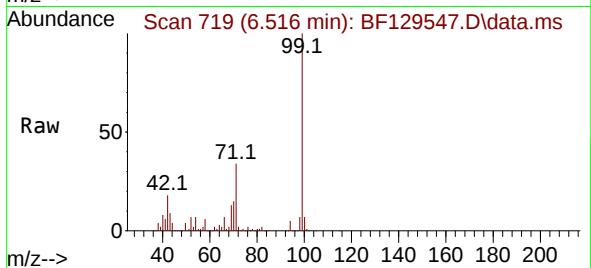




#7
Phenol-d6
Concen: 89.455 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

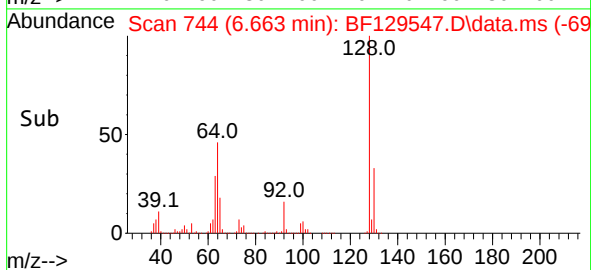
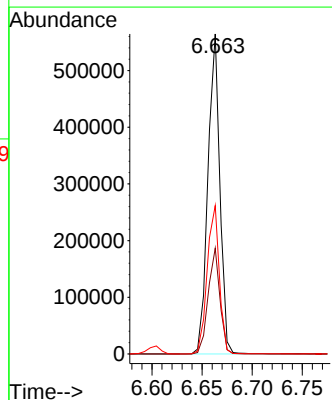
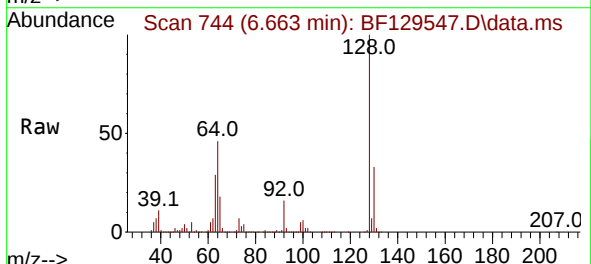
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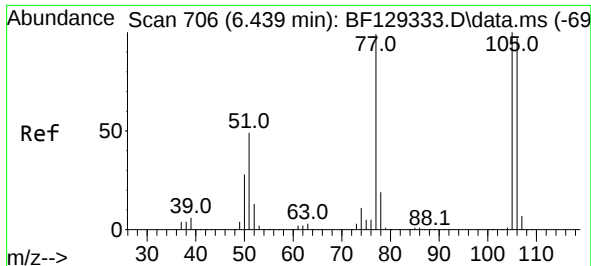
Tgt Ion: 99 Resp: 970065
Ion Ratio Lower Upper
99 100
42 18.4 17.3 25.9
71 34.4 28.9 43.3



#8
2-Chlorophenol
Concen: 49.746 ng
RT: 6.663 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion: 128 Resp: 468890
Ion Ratio Lower Upper
128 100
130 33.1 13.1 53.1
64 46.3 30.9 70.9

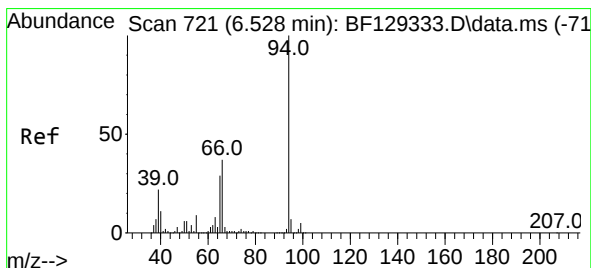
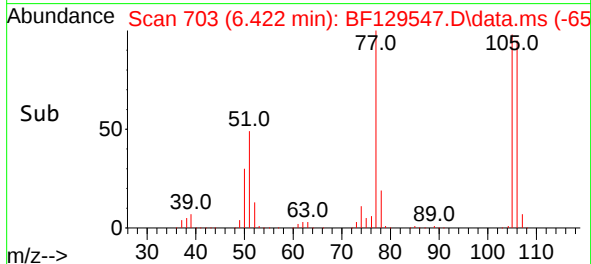
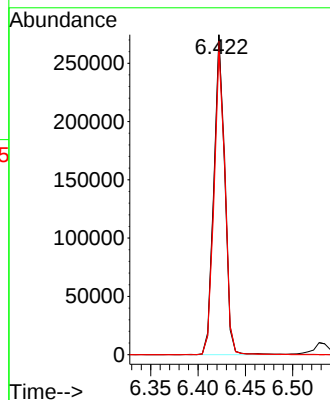
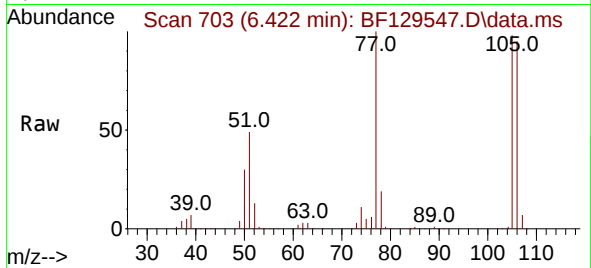




#9
Benzaldehyde
Concen: 29.581 ng
RT: 6.422 min Scan# 706
Delta R.T. -0.012 min
Lab File: BF129547.D
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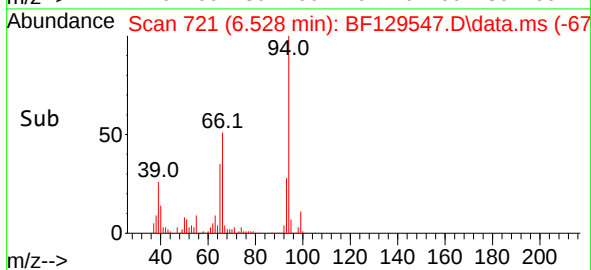
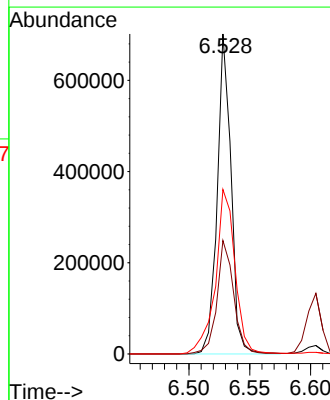
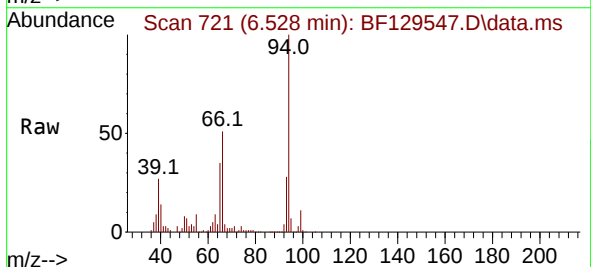
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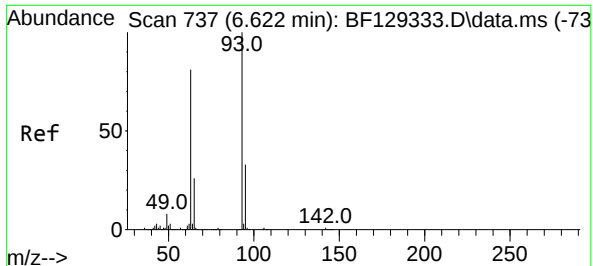
Tgt Ion: 77 Resp: 217843
Ion Ratio Lower Upper
77 100
105 98.1 81.6 121.6
106 94.7 76.1 116.1



#10
Phenol
Concen: 48.051 ng
RT: 6.528 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion: 94 Resp: 554900
Ion Ratio Lower Upper
94 100
65 35.5 11.4 51.4
66 51.4 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 48.819 ng

RT: 6.604 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF129547.D

Acq: 03 Aug 2022 18:51

Instrument :

BNA_F

ClientSampleId :

RVE-98MSD

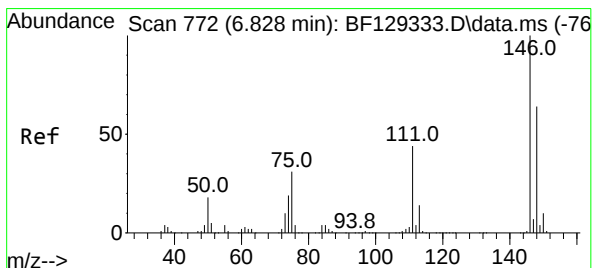
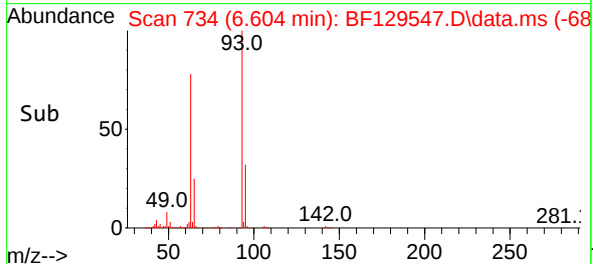
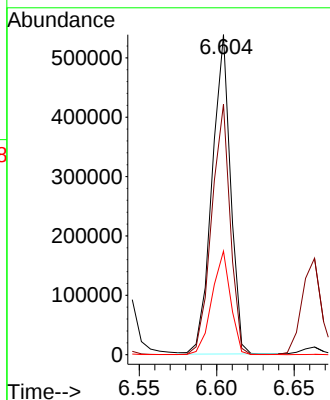
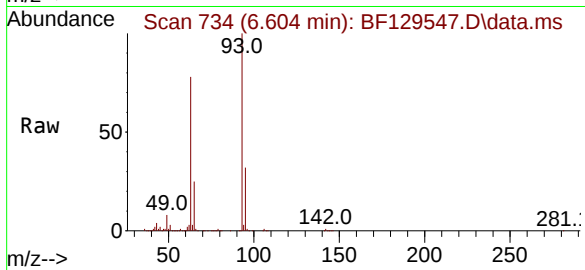
Tgt Ion: 93 Resp: 447103

Ion Ratio Lower Upper

93 100

63 78.2 67.4 107.4

95 32.3 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 49.121 ng

RT: 6.810 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF129547.D

Acq: 03 Aug 2022 18:51

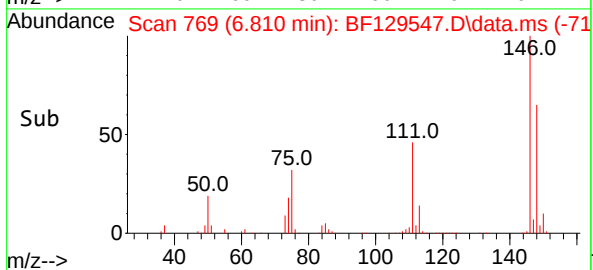
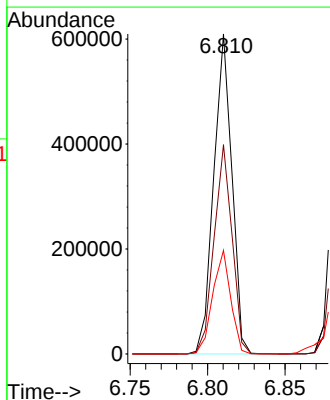
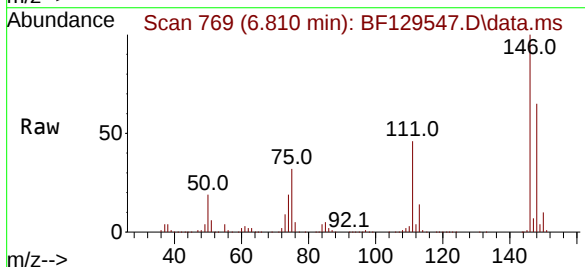
Tgt Ion:146 Resp: 496566

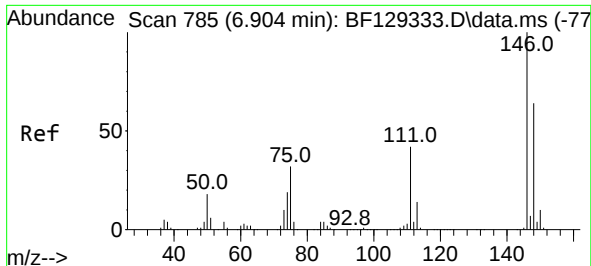
Ion Ratio Lower Upper

146 100

148 65.4 50.6 75.8

75 32.4 26.3 39.5

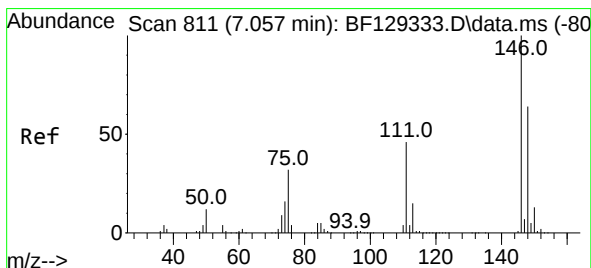
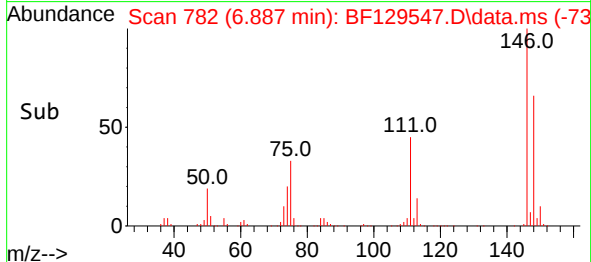
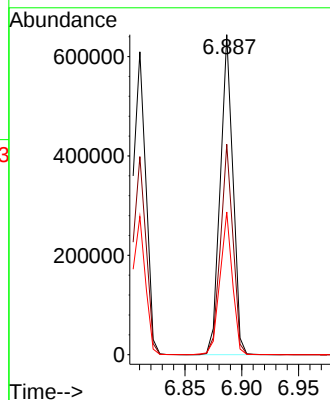
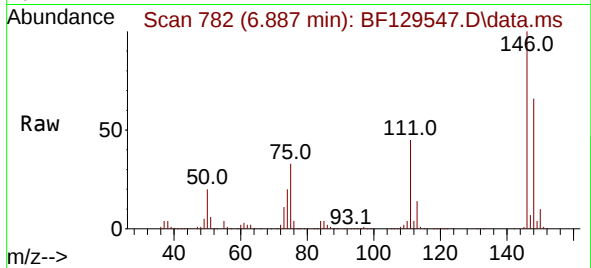




#13
 1,4-Dichlorobenzene
 Concen: 48.706 ng
 RT: 6.887 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129547.D
 Acq: 03 Aug 2022 18:51

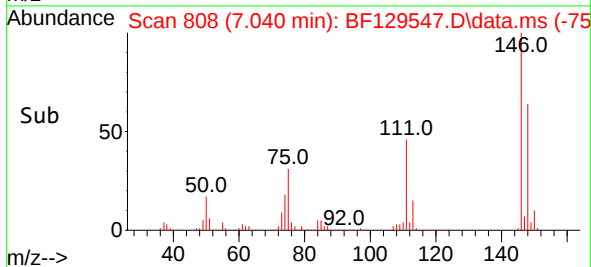
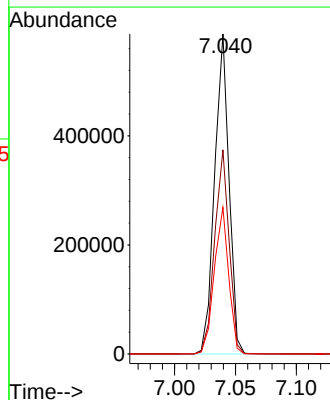
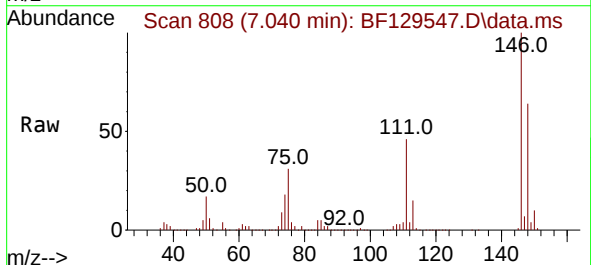
Instrument :
 BNA_F
 ClientSampleId :
 RVE-98MSD

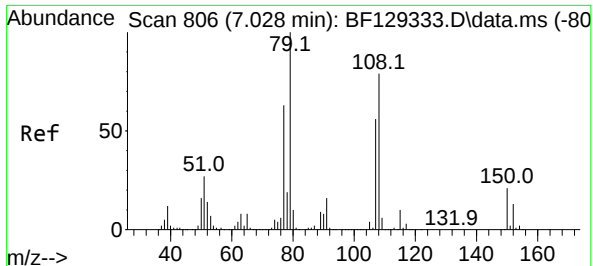
Tgt Ion:146 Resp: 500740
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.1 76.7
 111 44.6 34.2 51.4



#14
 1,2-Dichlorobenzene
 Concen: 50.860 ng
 RT: 7.040 min Scan# 808
 Delta R.T. -0.006 min
 Lab File: BF129547.D
 Acq: 03 Aug 2022 18:51

Tgt Ion:146 Resp: 480625
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.8 77.8
 111 45.8 35.1 52.7

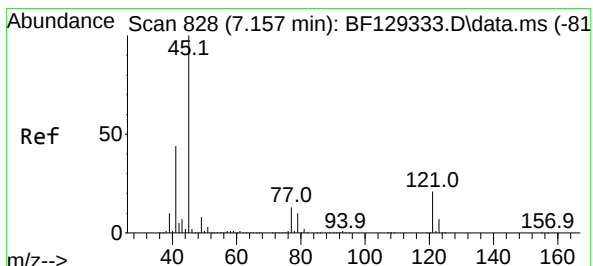
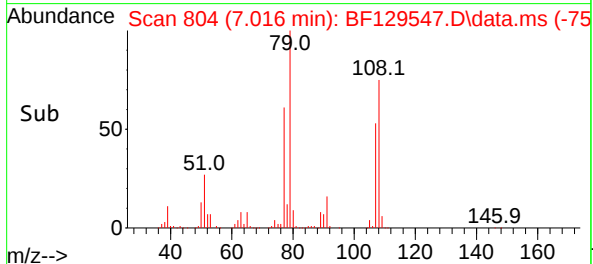
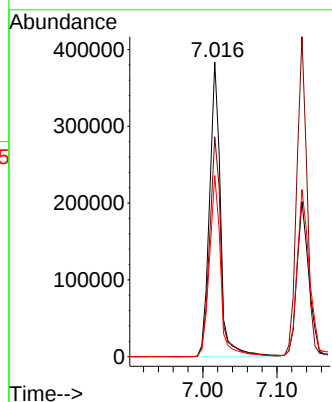
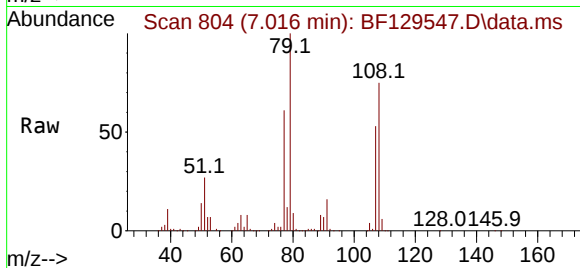




#15
Benzyl Alcohol
Concen: 50.370 ng
RT: 7.016 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

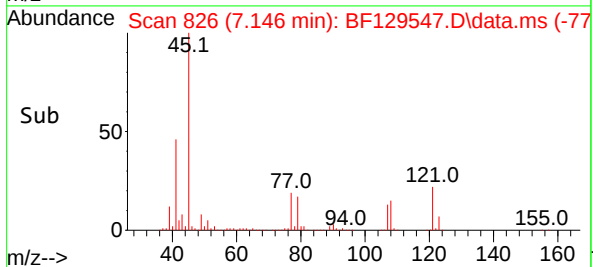
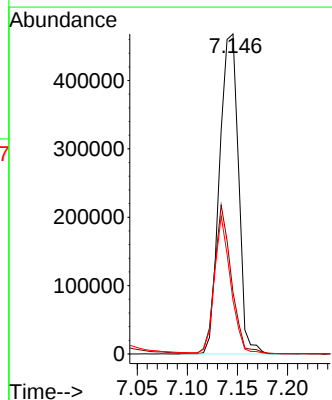
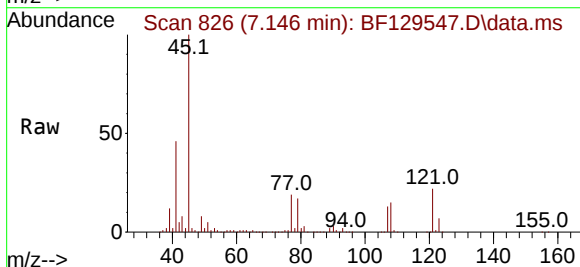
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

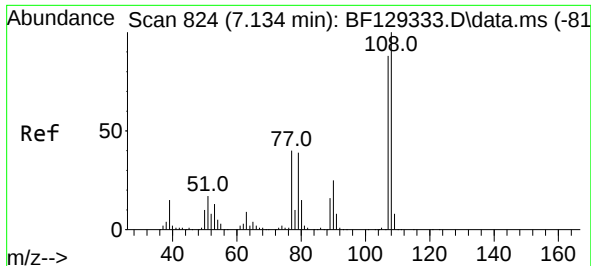
Tgt Ion: 79 Resp: 396153
Ion Ratio Lower Upper
79 100
108 74.6 61.8 92.6
77 61.4 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.719 ng
RT: 7.146 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion: 45 Resp: 615618
Ion Ratio Lower Upper
45 100
77 19.3 0.0 31.3
79 16.7 0.0 28.3



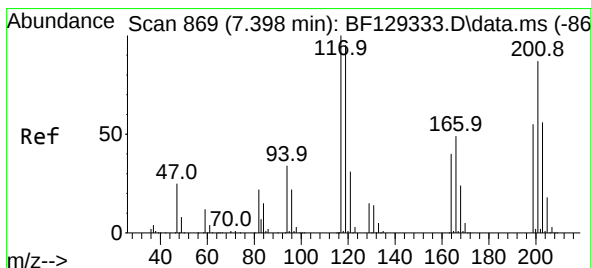
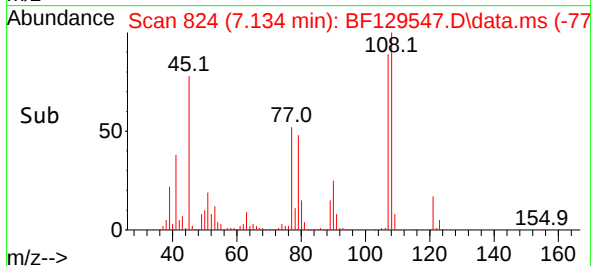
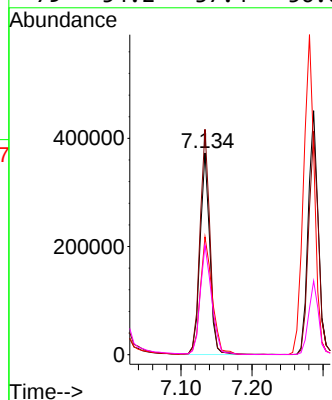
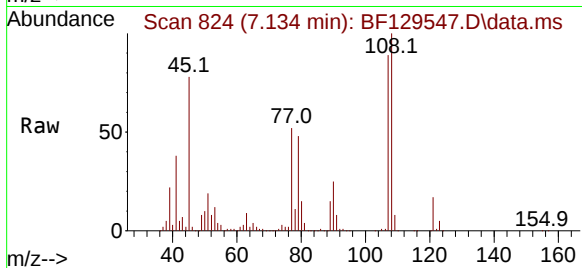


#17
2-Methylphenol
Concen: 45.508 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

Tgt Ion:107 Resp: 355845

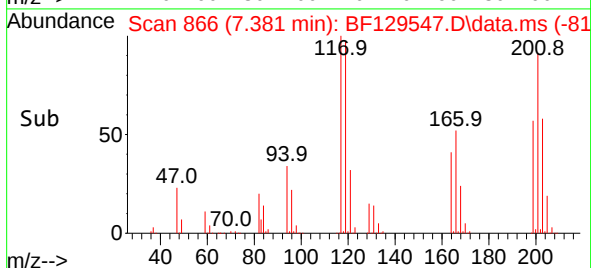
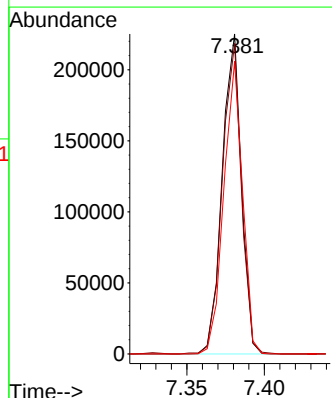
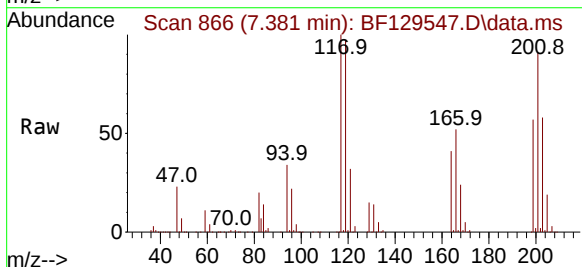
Ion	Ratio	Lower	Upper
107	100		
108	111.8	91.9	137.9
77	58.4	37.8	56.8#
79	54.2	37.4	56.0

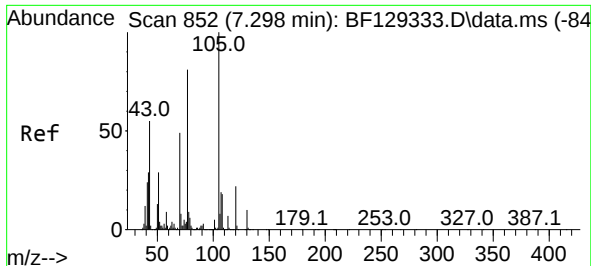


#18
Hexachloroethane
Concen: 50.035 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion:117 Resp: 193694

Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.4	116.2
201	91.4	84.6	127.0



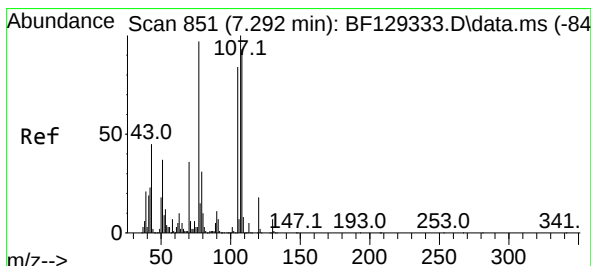
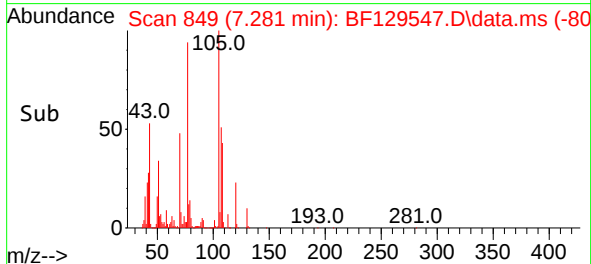
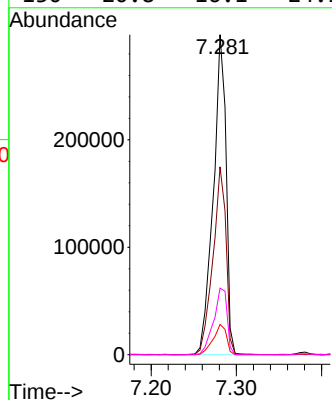
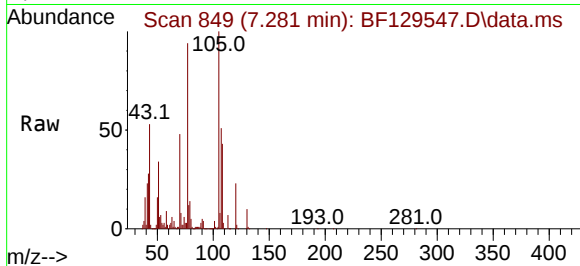


#19
n-Nitroso-di-n-propylamine
Concen: 47.232 ng
RT: 7.281 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

Tgt Ion: 70 Resp: 310079

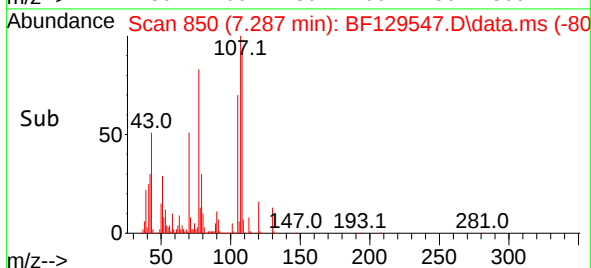
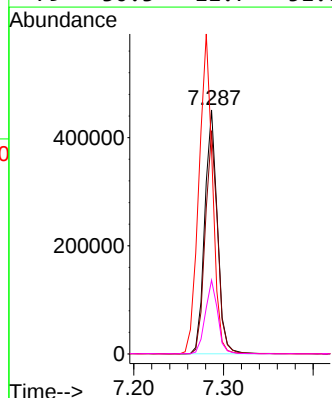
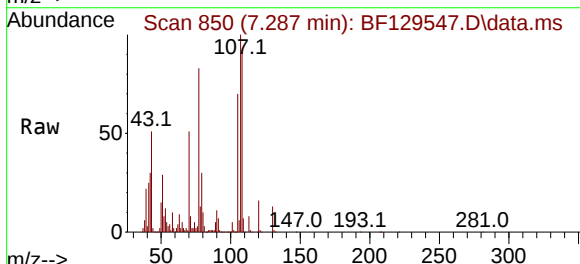
Ion	Ratio	Lower	Upper
70	100		
42	58.7	52.3	78.5
101	9.4	7.5	11.3
130	20.8	16.1	24.1

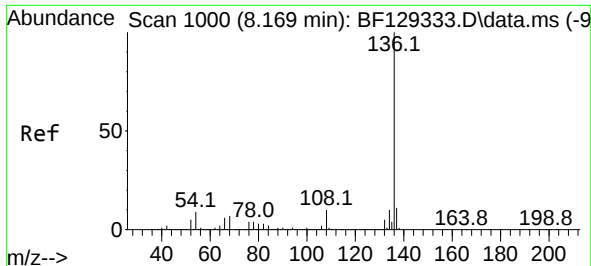


#20
3+4-Methylphenols
Concen: 44.128 ng
RT: 7.287 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion: 107 Resp: 438725

Ion	Ratio	Lower	Upper
107	100		
108	91.4	71.8	111.8
77	83.4	59.3	99.3
79	30.3	11.7	51.7



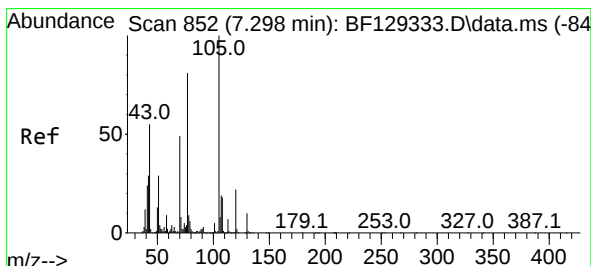
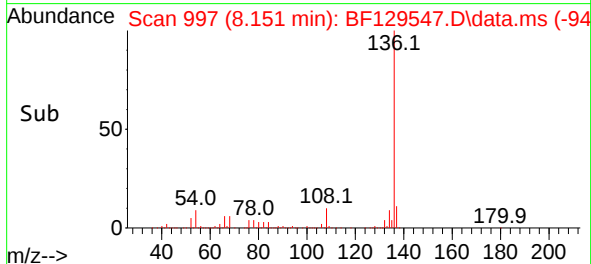
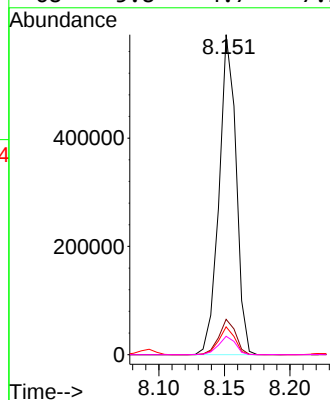
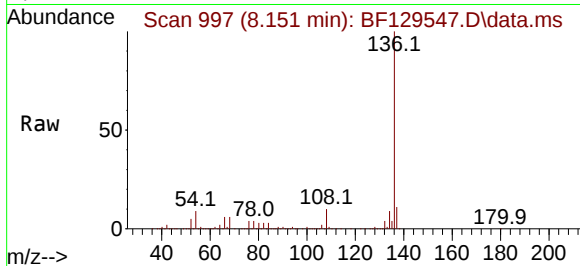


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

Tgt Ion:136 Resp: 533573

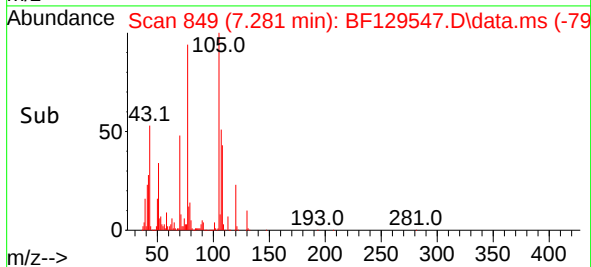
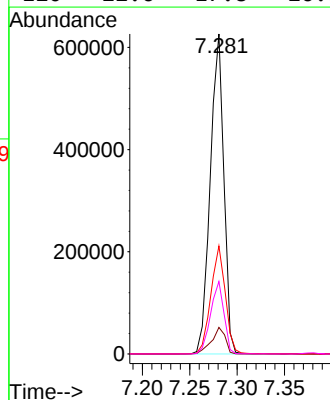
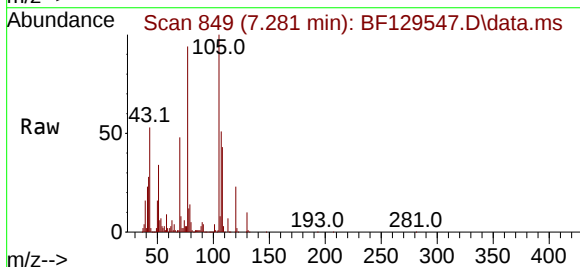
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.7	7.5	11.3
68	5.8	4.7	7.1

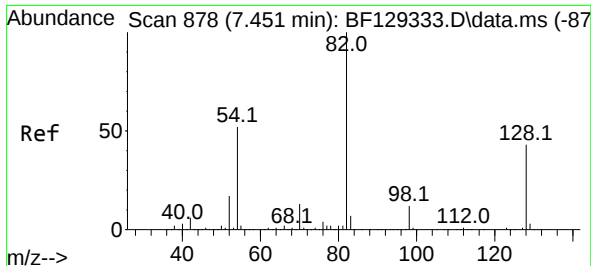


#22
Acetophenone
Concen: 50.169 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion:105 Resp: 623226

Ion	Ratio	Lower	Upper
105	100		
71	8.3	5.0	7.4#
51	33.7	25.0	37.4
120	22.6	17.8	26.8

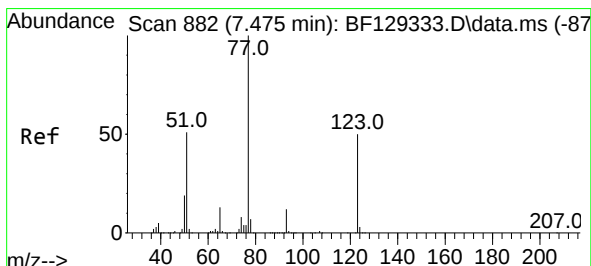
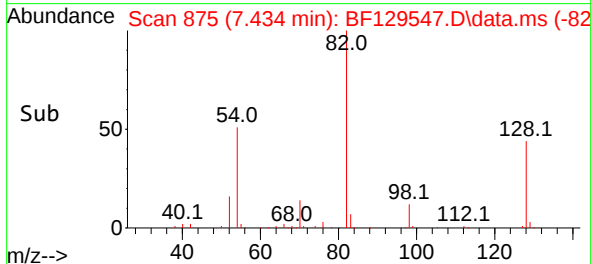
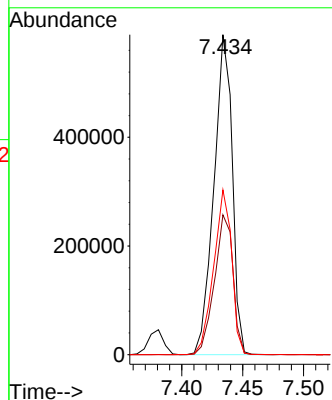
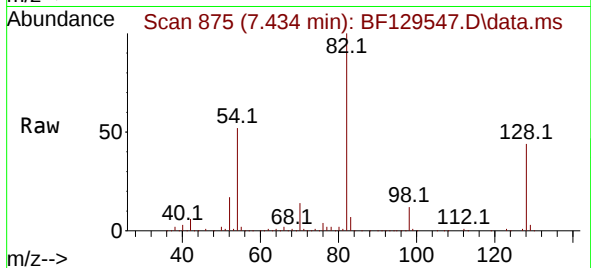




#23
Nitrobenzene-d5
Concen: 63.040 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

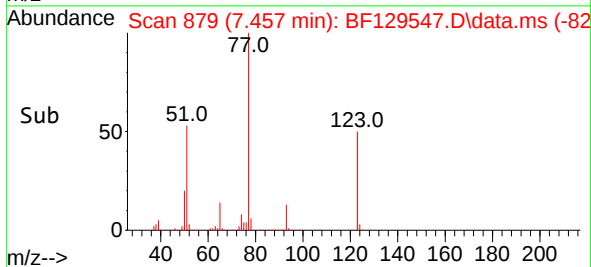
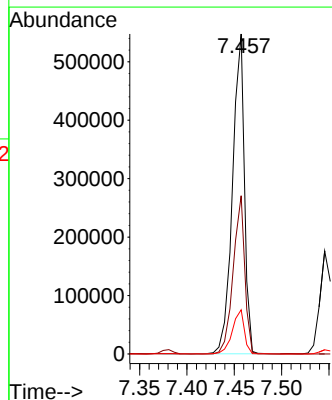
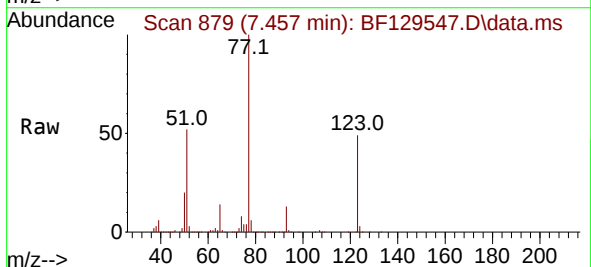
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

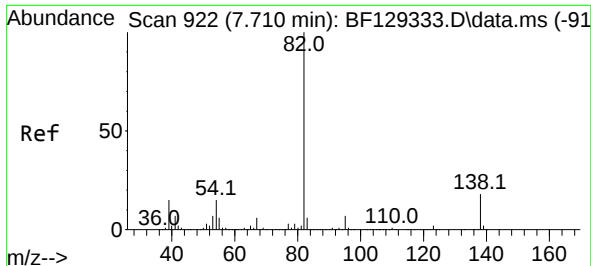
Tgt Ion: 82 Resp: 616184
Ion Ratio Lower Upper
82 100
128 43.7 34.0 51.0
54 51.5 46.9 70.3



#24
Nitrobenzene
Concen: 47.317 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion: 77 Resp: 476258
Ion Ratio Lower Upper
77 100
123 49.5 35.4 53.2
65 13.8 11.8 17.8

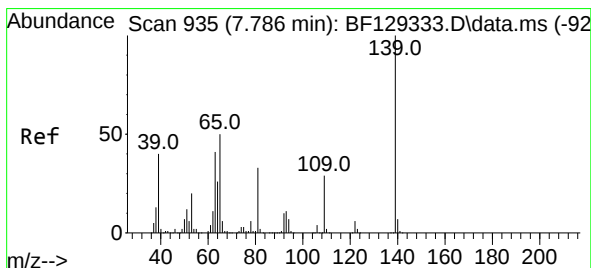
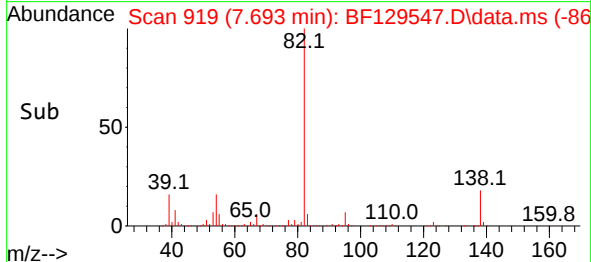
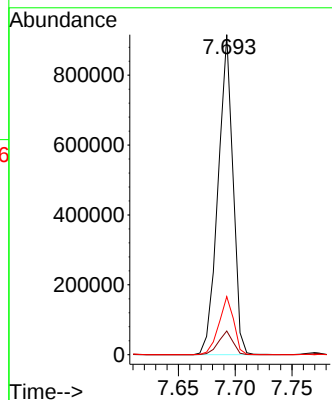
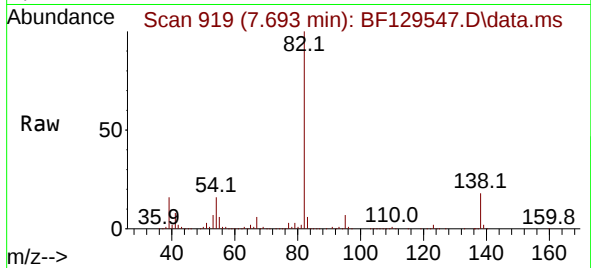




#25
Isophorone
Concen: 47.796 ng
RT: 7.693 min Scan# 919
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

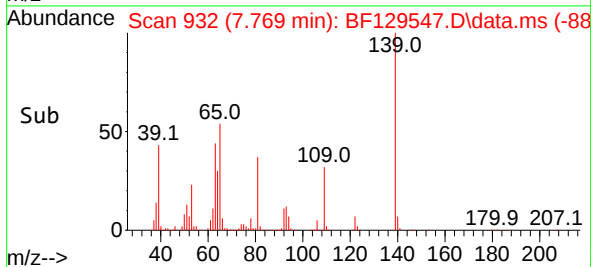
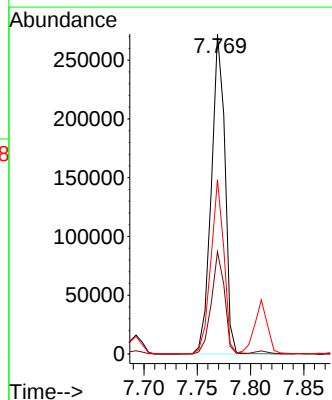
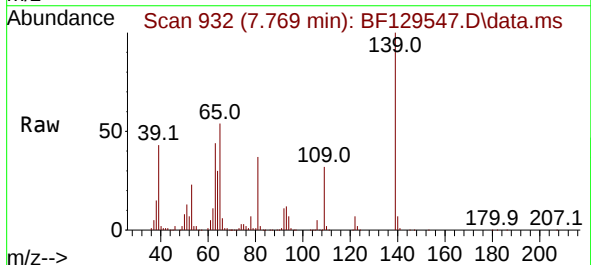
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

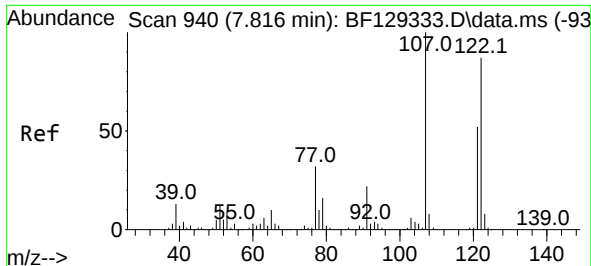
Tgt Ion: 82 Resp: 837428
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.2 14.2 21.2



#26
2-Nitrophenol
Concen: 48.783 ng
RT: 7.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion:139 Resp: 242234
Ion Ratio Lower Upper
139 100
109 31.9 25.0 37.4
65 54.4 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 50.594 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129547.D

Acq: 03 Aug 2022 18:51

Instrument :

BNA_F

ClientSampleId :

RVE-98MSD

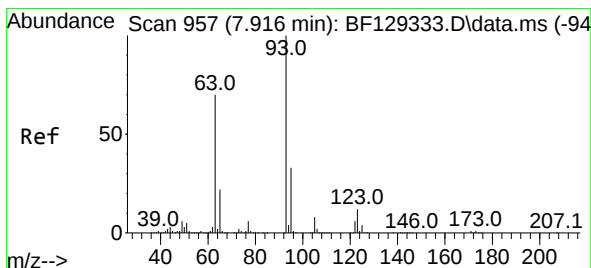
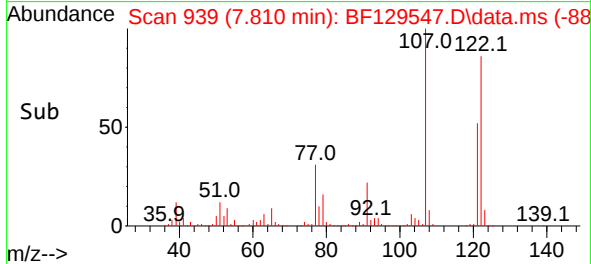
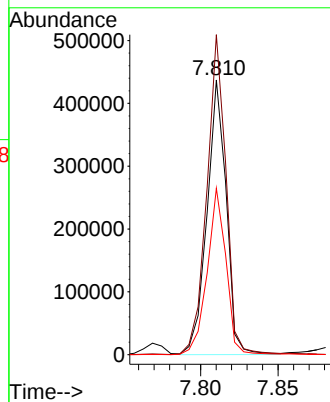
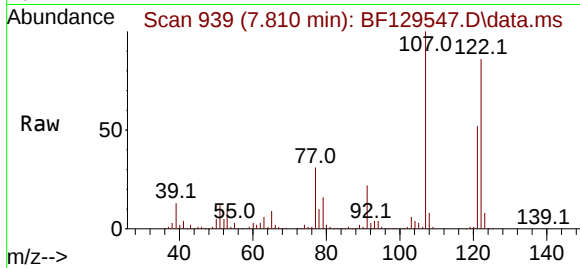
Tgt Ion:122 Resp: 376838

Ion Ratio Lower Upper

122 100

107 116.5 93.0 139.6

121 60.6 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 51.826 ng

RT: 7.898 min Scan# 954

Delta R.T. -0.006 min

Lab File: BF129547.D

Acq: 03 Aug 2022 18:51

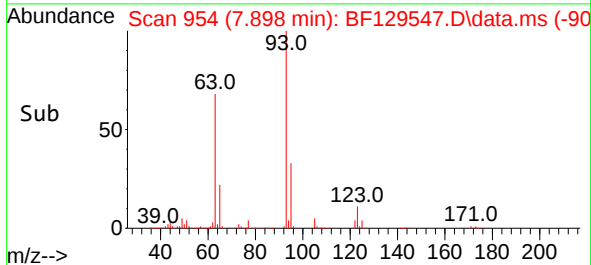
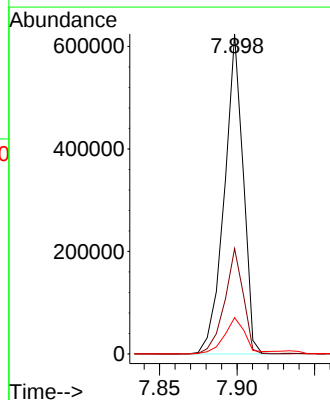
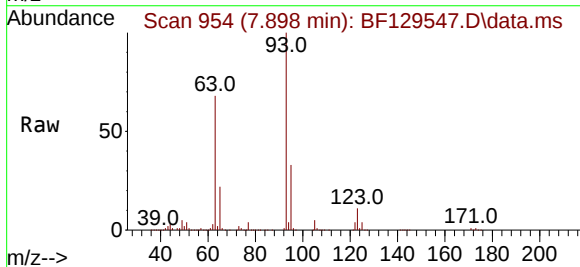
Tgt Ion: 93 Resp: 526749

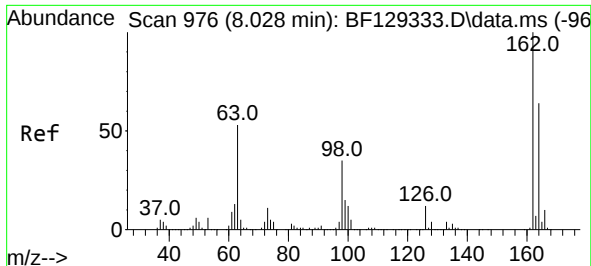
Ion Ratio Lower Upper

93 100

95 33.0 26.8 40.2

123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 45.570 ng

RT: 8.016 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129547.D

Acq: 03 Aug 2022 18:51

Instrument :

BNA_F

ClientSampleId :

RVE-98MSD

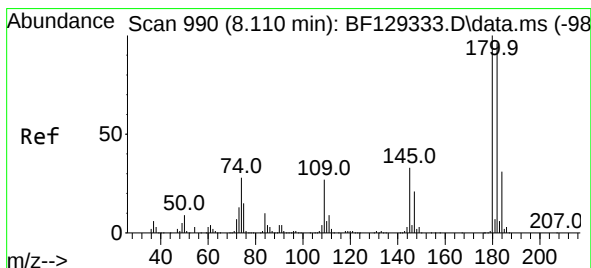
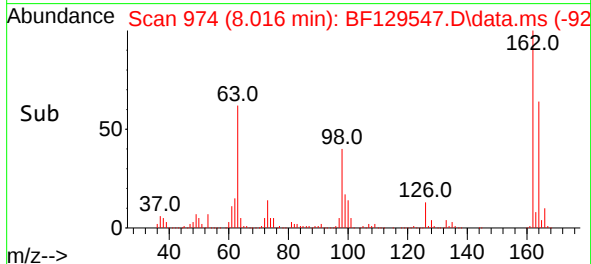
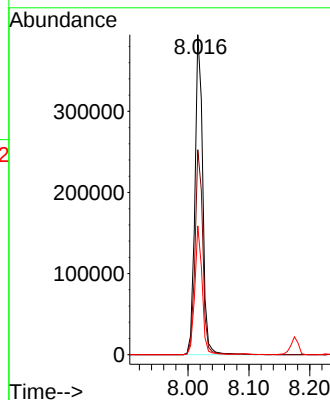
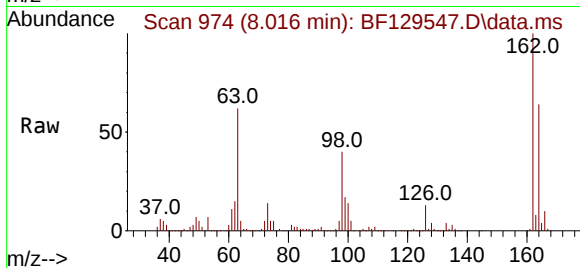
Tgt Ion:162 Resp: 350331

Ion Ratio Lower Upper

162 100

164 64.0 44.2 84.2

98 40.2 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 46.839 ng

RT: 8.092 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF129547.D

Acq: 03 Aug 2022 18:51

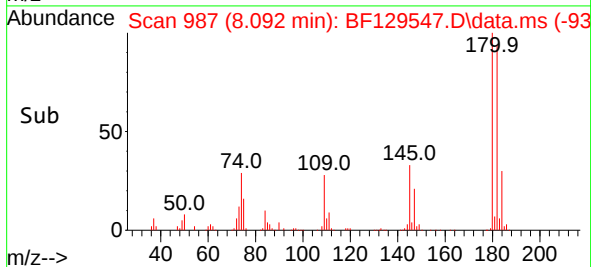
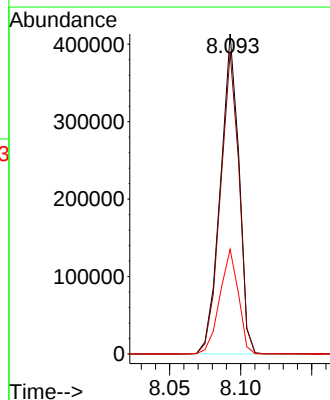
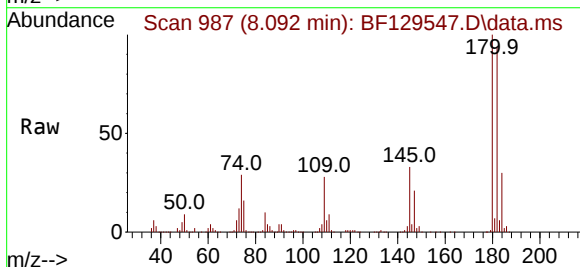
Tgt Ion:180 Resp: 372714

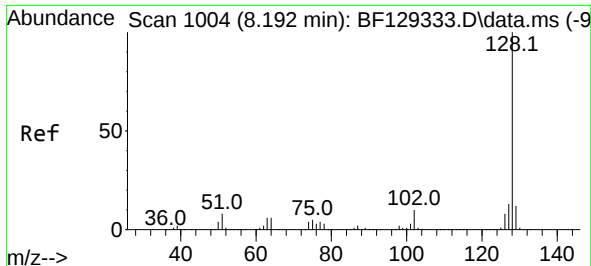
Ion Ratio Lower Upper

180 100

182 94.3 79.2 118.8

145 32.7 26.2 39.2





#31

Naphthalene

Concen: 47.017 ng

RT: 8.175 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF129547.D

Acq: 03 Aug 2022 18:51

Instrument :

BNA_F

ClientSampleId :

RVE-98MSD

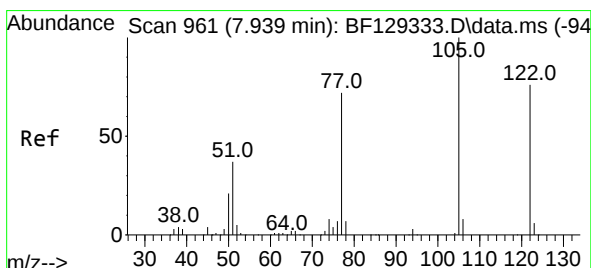
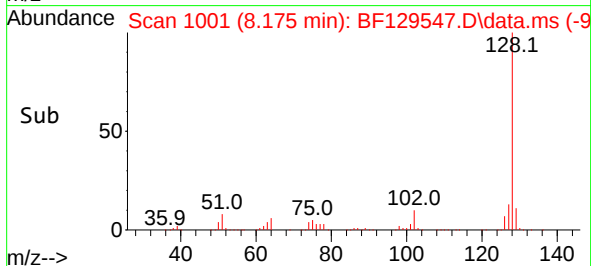
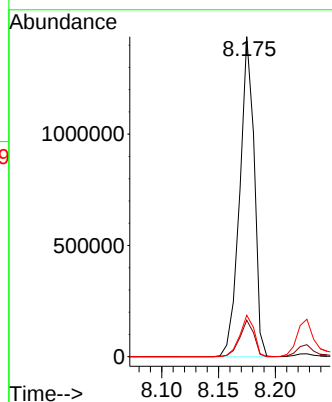
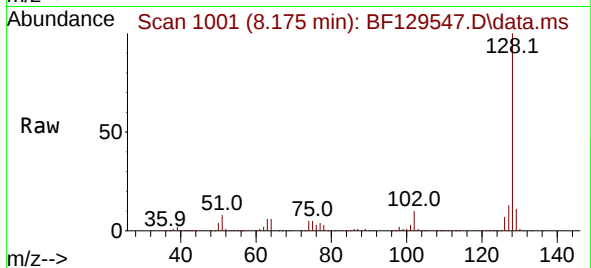
Tgt Ion:128 Resp: 1274572

Ion Ratio Lower Upper

128 100

129 11.4 9.2 13.8

127 12.9 10.5 15.7



#32

Benzoic acid

Concen: 34.300 ng

RT: 7.934 min Scan# 960

Delta R.T. -0.006 min

Lab File: BF129547.D

Acq: 03 Aug 2022 18:51

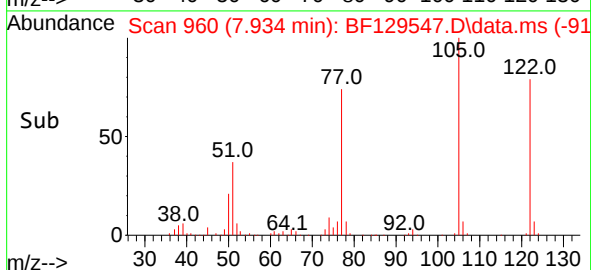
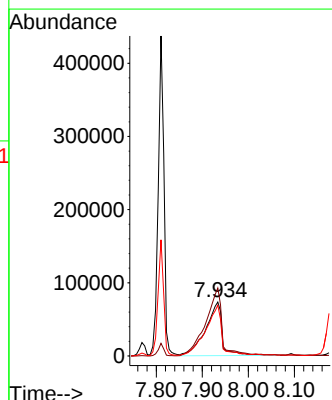
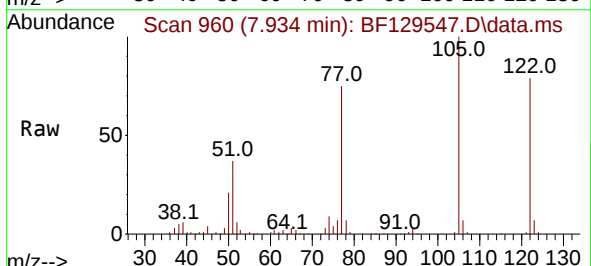
Tgt Ion:122 Resp: 184692

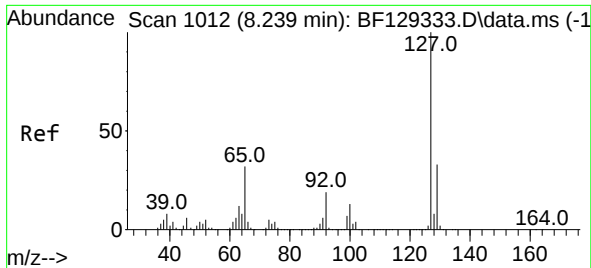
Ion Ratio Lower Upper

122 100

105 126.1 107.1 147.1

77 94.2 74.2 114.2



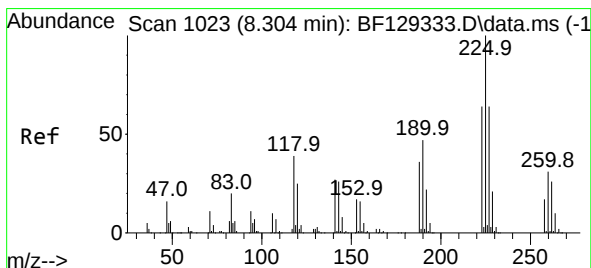
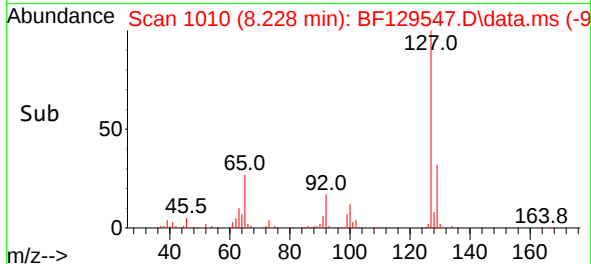
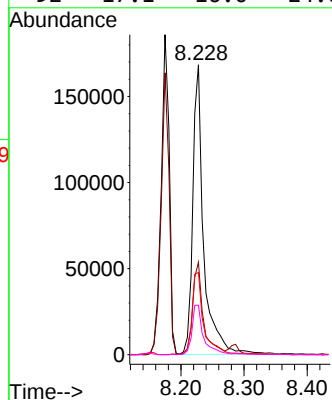
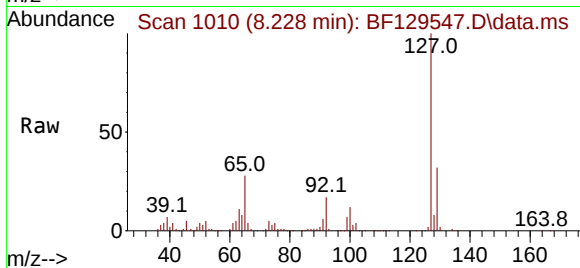


#33
4-Chloroaniline
Concen: 18.167 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

Tgt Ion:127 Resp: 202191

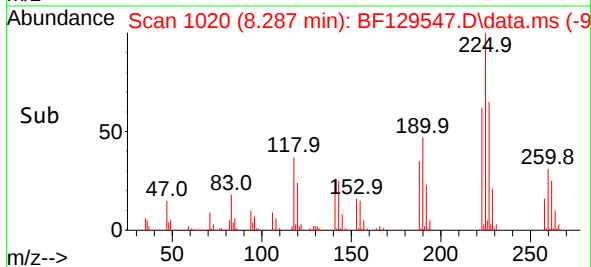
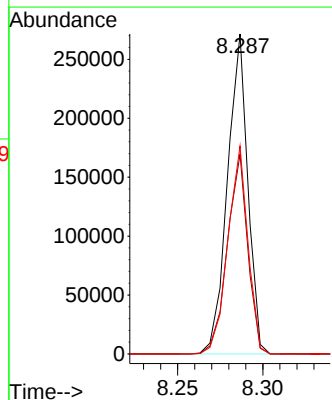
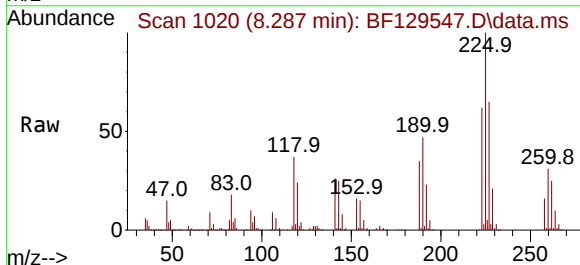
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.4	39.6
65	28.4	26.4	39.6
92	17.1	16.0	24.0

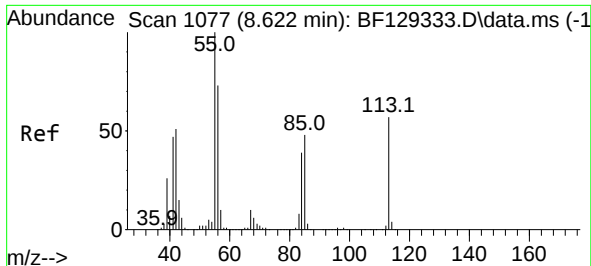


#34
Hexachlorobutadiene
Concen: 49.838 ng
RT: 8.287 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion:225 Resp: 225429

Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.0	76.6
227	65.0	51.1	76.7

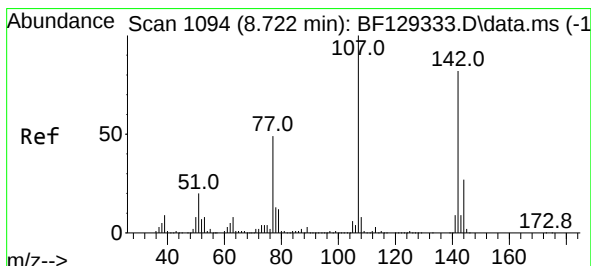
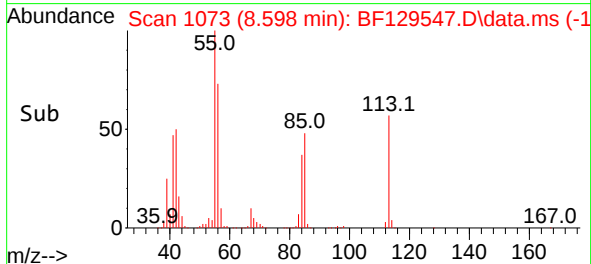
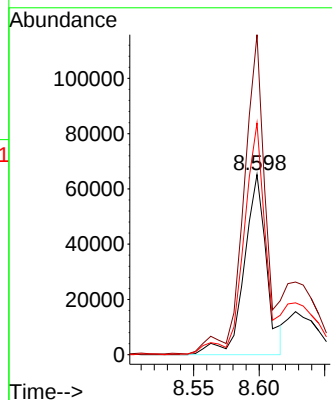
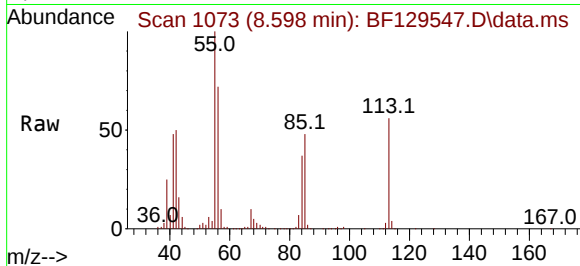




#35
 Caprolactam
 Concen: 30.861 ng
 RT: 8.598 min Scan# 1073
 Delta R.T. -0.018 min
 Lab File: BF129547.D
 Acq: 03 Aug 2022 18:51

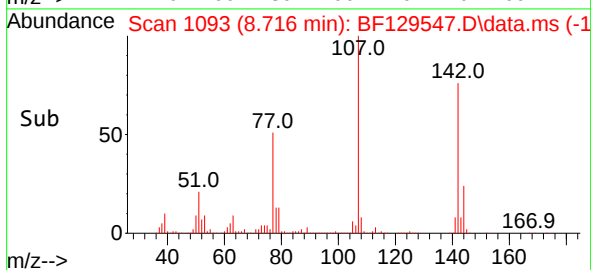
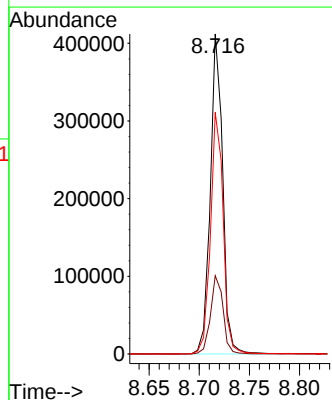
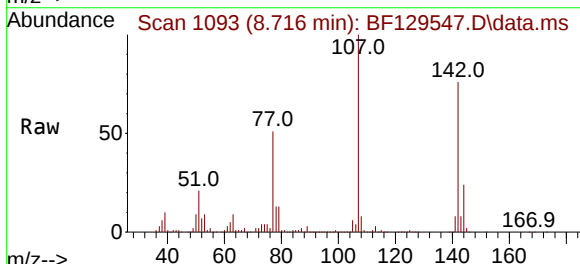
Instrument :
 BNA_F
 ClientSampleId :
 RVE-98MSD

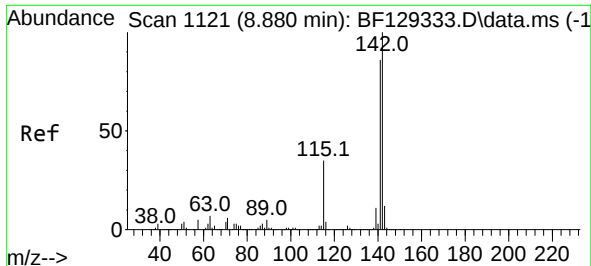
Tgt Ion:113 Resp: 77133
 Ion Ratio Lower Upper
 113 100
 55 177.6 188.5 228.5#
 56 128.6 130.6 170.6#



#36
 4-Chloro-3-methylphenol
 Concen: 43.459 ng
 RT: 8.716 min Scan# 1093
 Delta R.T. -0.006 min
 Lab File: BF129547.D
 Acq: 03 Aug 2022 18:51

Tgt Ion:107 Resp: 354354
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.5 29.3
 142 75.5 58.2 87.4





#37

2-Methylnaphthalene

Concen: 45.452 ng

RT: 8.869 min Scan# 1119

Delta R.T. 0.000 min

Lab File: BF129547.D

Acq: 03 Aug 2022 18:51

Instrument :

BNA_F

ClientSampleId :

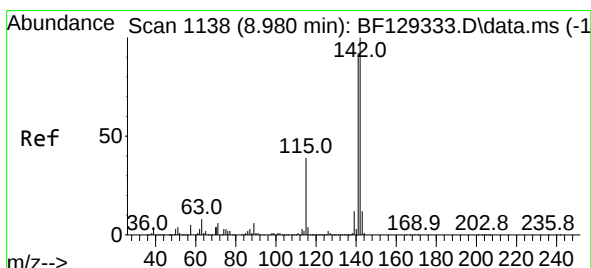
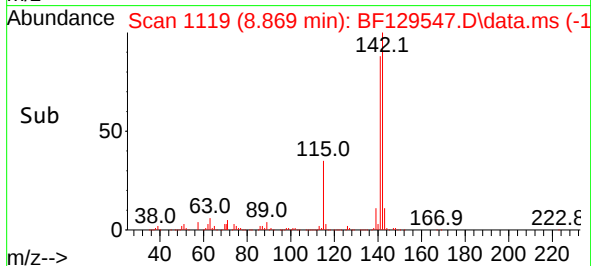
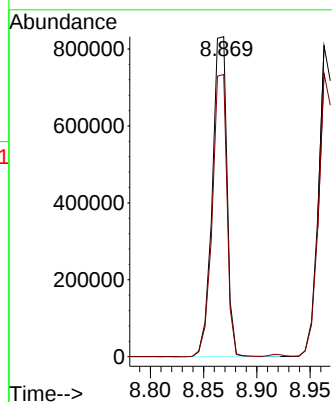
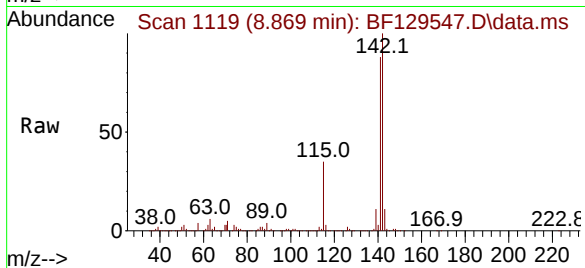
RVE-98MSD

Tgt Ion:142 Resp: 800722

Ion Ratio Lower Upper

142 100

141 88.2 71.0 106.4



#38

1-Methylnaphthalene

Concen: 44.059 ng

RT: 8.963 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF129547.D

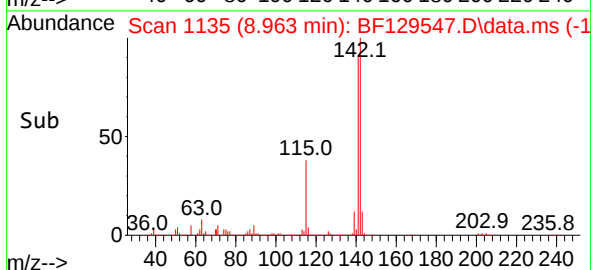
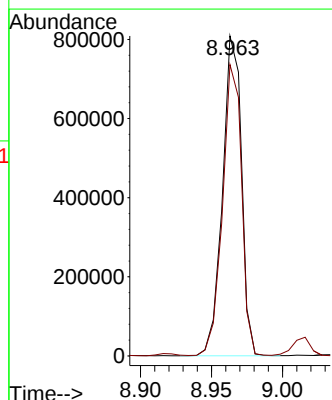
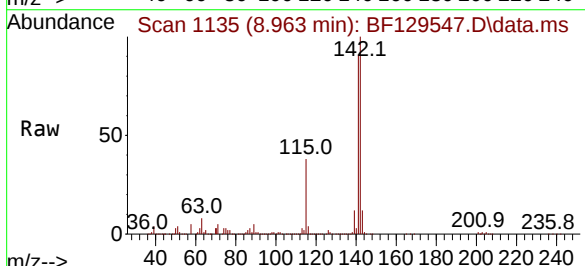
Acq: 03 Aug 2022 18:51

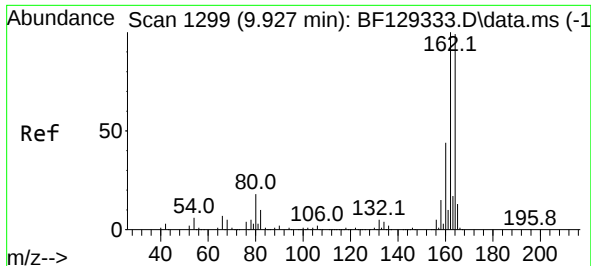
Tgt Ion:142 Resp: 749277

Ion Ratio Lower Upper

142 100

141 91.0 74.2 111.4

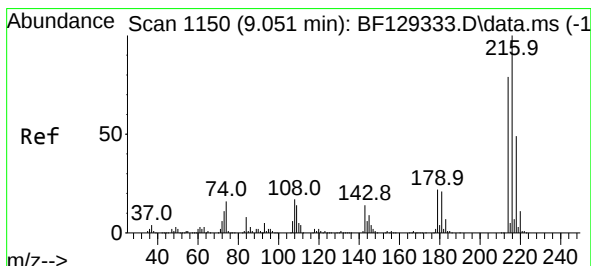
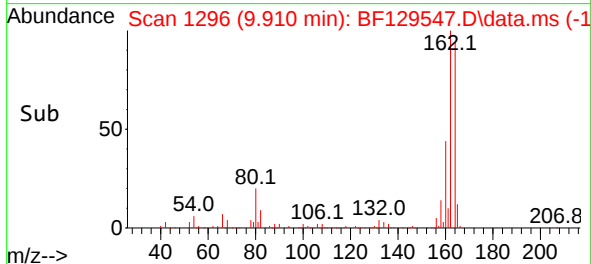
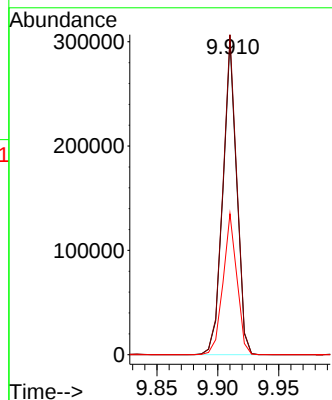
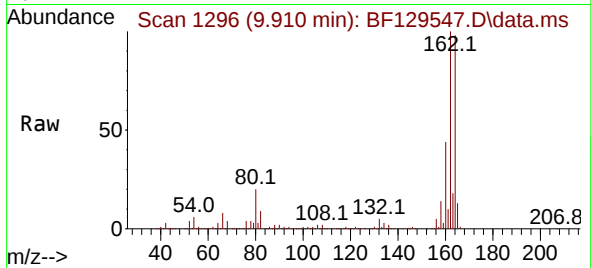




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

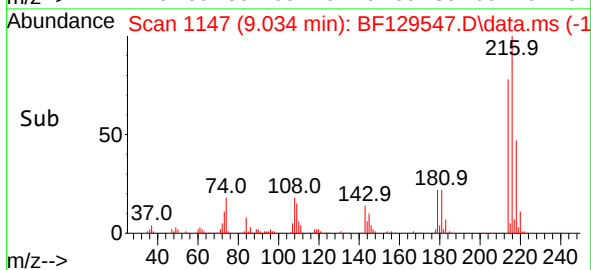
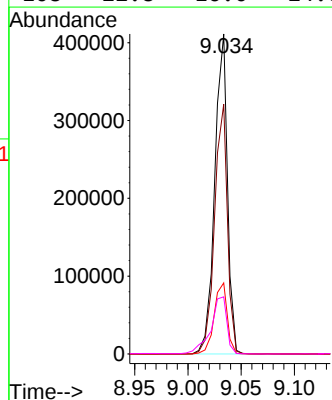
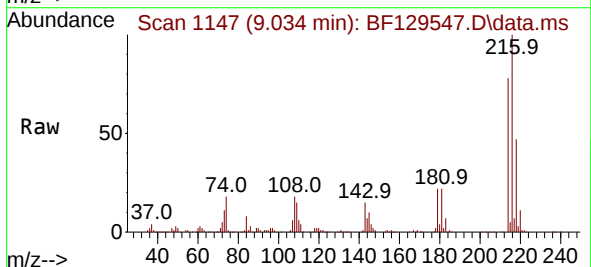
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

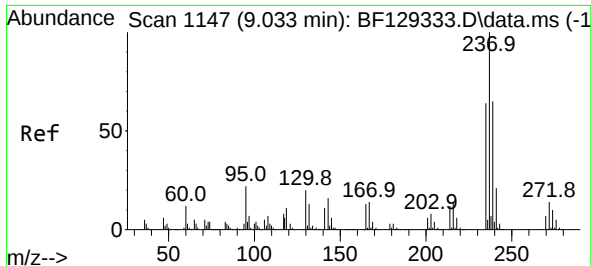
Tgt Ion:164 Resp: 238549
Ion Ratio Lower Upper
164 100
162 101.9 79.5 119.3
160 44.9 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.638 ng
RT: 9.034 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion:216 Resp: 342238
Ion Ratio Lower Upper
216 100
214 78.9 63.6 95.4
179 22.8 17.0 25.6
108 22.8 16.0 24.0

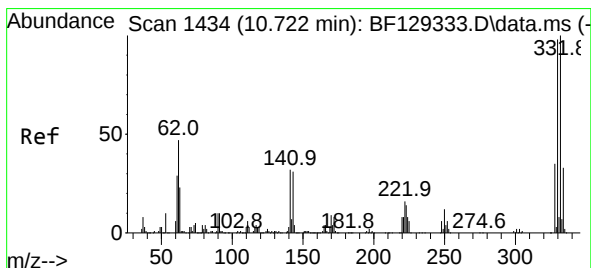
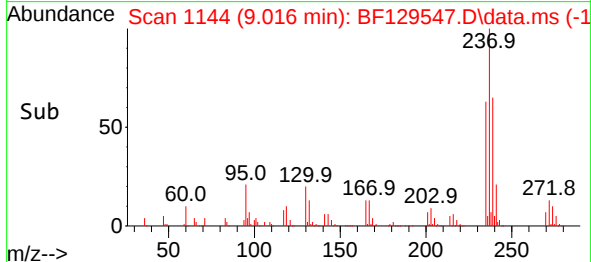
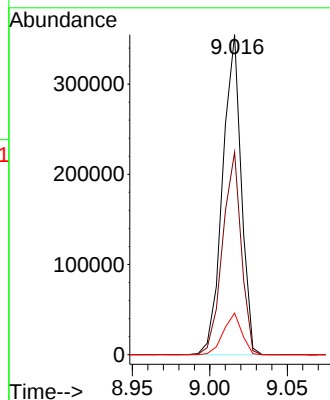
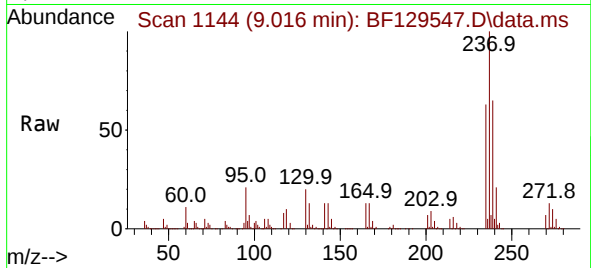




#41
Hexachlorocyclopentadiene
Concen: 106.358 ng
RT: 9.016 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

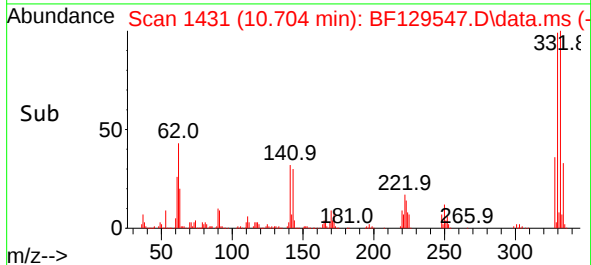
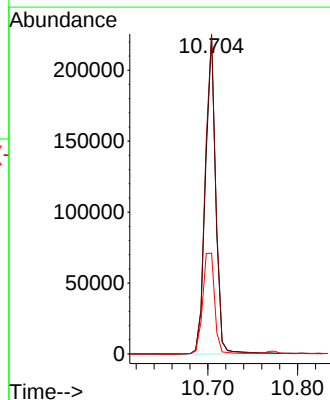
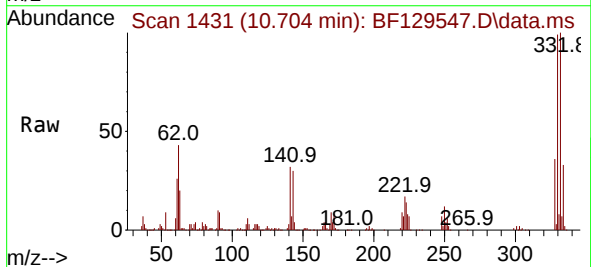
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

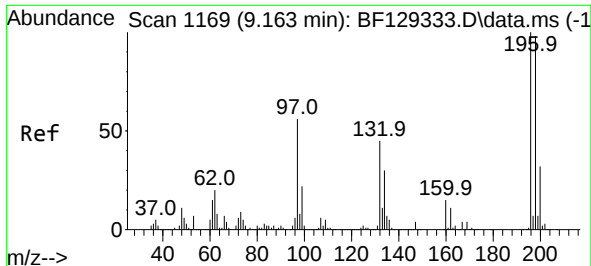
Tgt Ion:237 Resp: 296655
Ion Ratio Lower Upper
237 100
235 63.3 43.2 83.2
272 13.0 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 77.790 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion:330 Resp: 178409
Ion Ratio Lower Upper
330 100
332 102.6 76.8 115.2
141 37.0 28.0 42.0

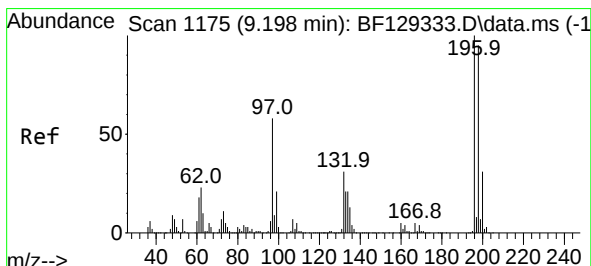
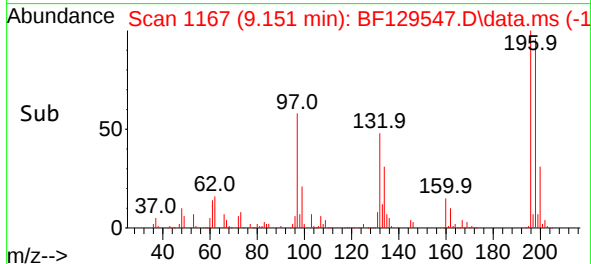
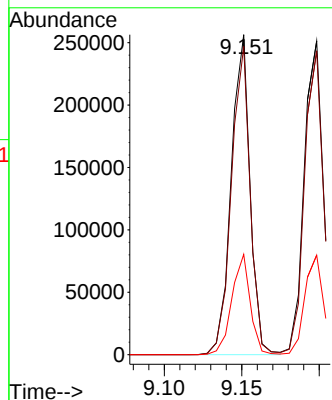
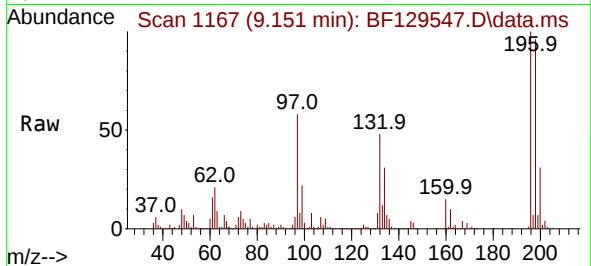




#43
2,4,6-Trichlorophenol
Concen: 47.694 ng
RT: 9.151 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

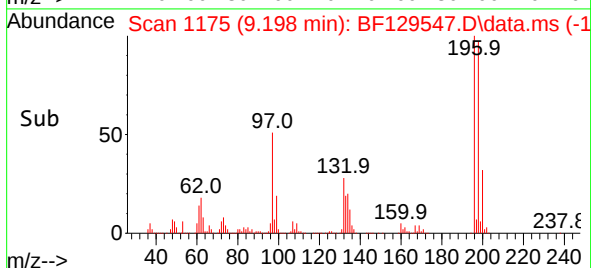
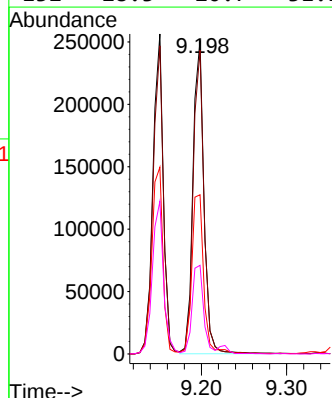
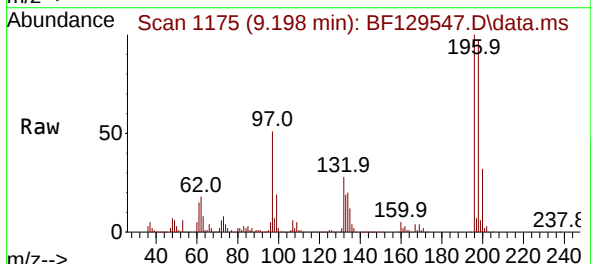
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

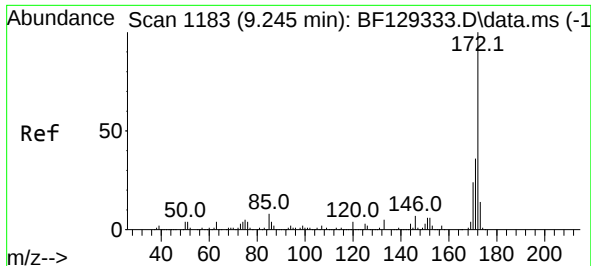
Tgt Ion:196 Resp: 216980
Ion Ratio Lower Upper
196 100
198 96.3 74.0 111.0
200 31.4 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 45.259 ng
RT: 9.198 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion:196 Resp: 223915
Ion Ratio Lower Upper
196 100
198 96.9 75.7 113.5
97 50.8 36.4 54.6
132 28.3 20.7 31.1

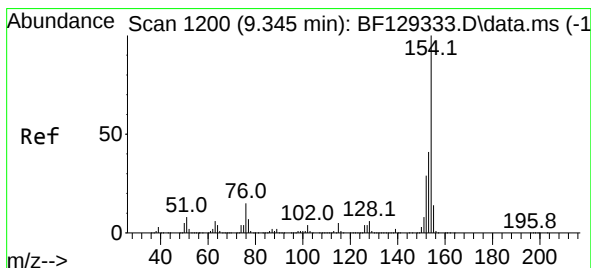
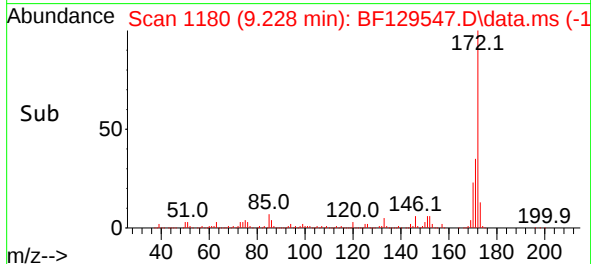
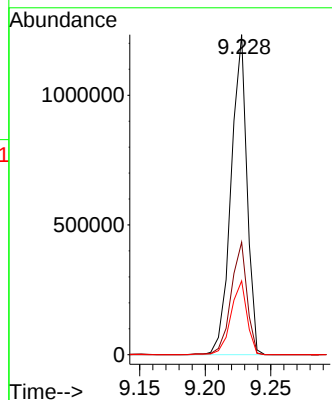
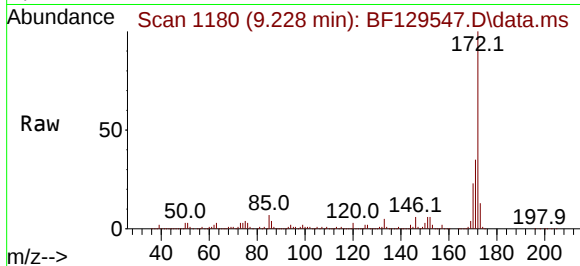




#45
2-Fluorobiphenyl
Concen: 67.472 ng
RT: 9.228 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

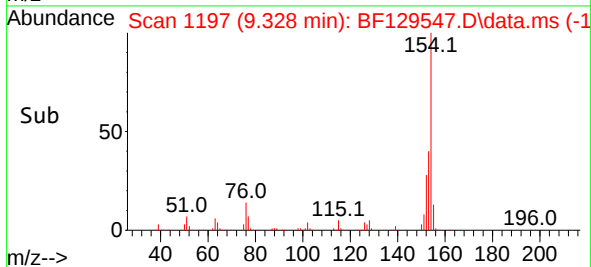
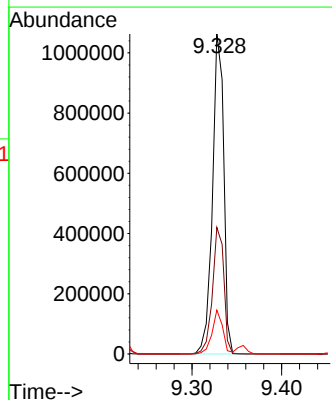
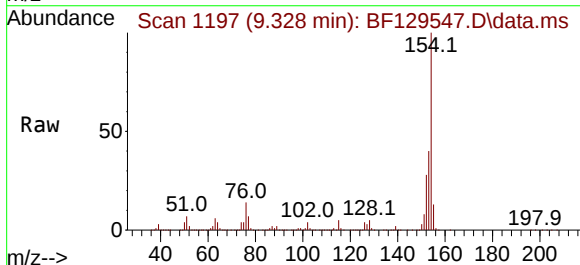
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

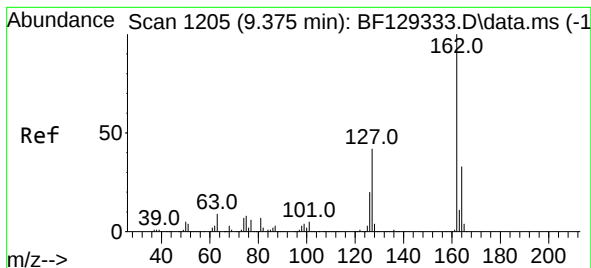
Tgt Ion:172 Resp: 1040462
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.0 19.8 29.8



#46
1,1'-Biphenyl
Concen: 53.162 ng
RT: 9.328 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion:154 Resp: 925515
Ion Ratio Lower Upper
154 100
153 39.6 20.6 60.6
76 13.7 0.0 33.3





#47

2-Chloronaphthalene

Concen: 50.793 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129547.D

Acq: 03 Aug 2022 18:51

Instrument :

BNA_F

ClientSampleId :

RVE-98MSD

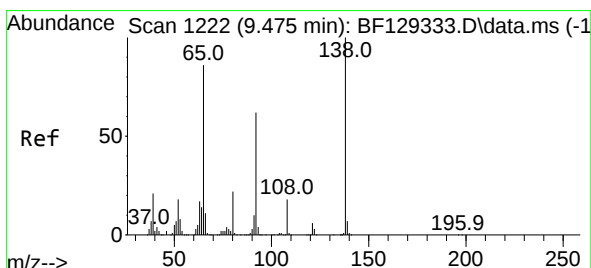
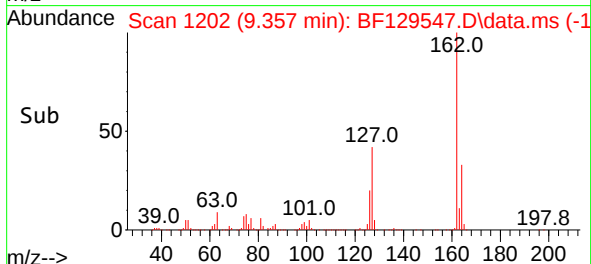
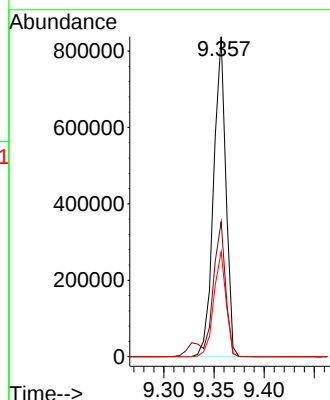
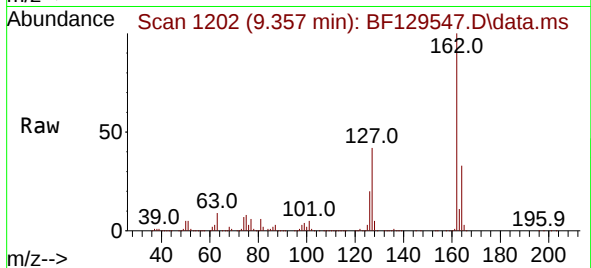
Tgt Ion:162 Resp: 714852

Ion Ratio Lower Upper

162 100

127 42.1 34.5 51.7

164 32.8 26.5 39.7



#48

2-Nitroaniline

Concen: 45.904 ng

RT: 9.457 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF129547.D

Acq: 03 Aug 2022 18:51

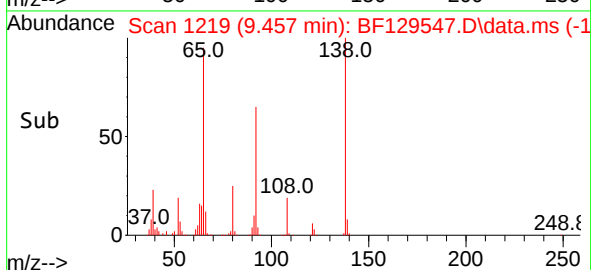
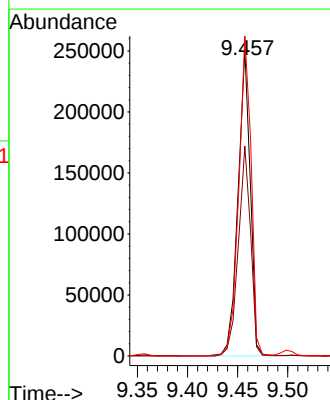
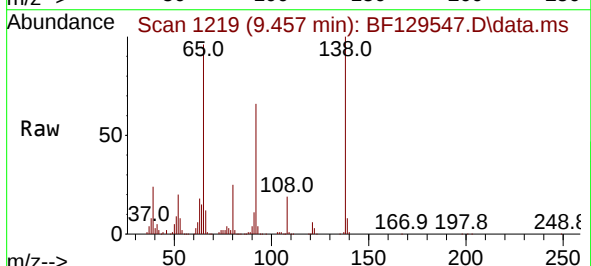
Tgt Ion: 65 Resp: 214822

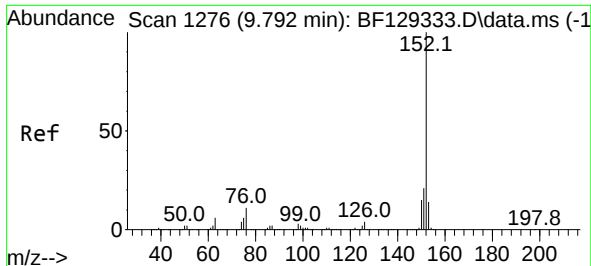
Ion Ratio Lower Upper

65 100

92 68.4 51.9 77.9

138 104.2 76.4 114.6





#49

Acenaphthylene

Concen: 48.550 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129547.D

Acq: 03 Aug 2022 18:51

Instrument :

BNA_F

ClientSampleId :

RVE-98MSD

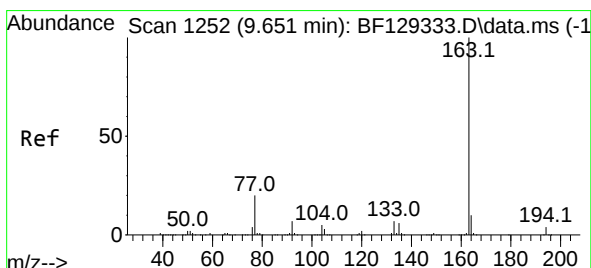
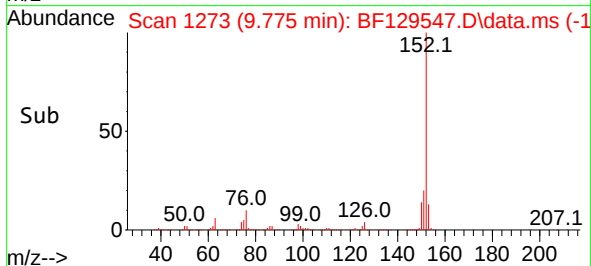
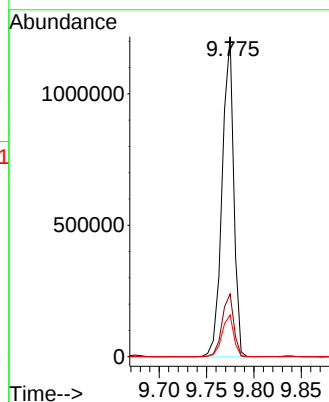
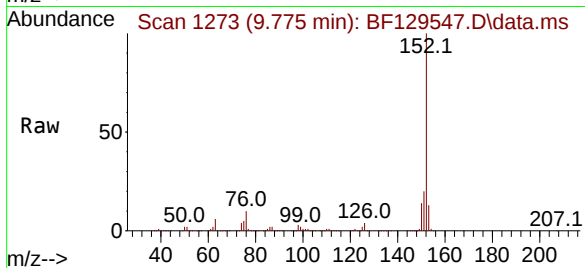
Tgt Ion:152 Resp: 1038237

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.4

153 13.0 10.7 16.1



#50

Dimethylphthalate

Concen: 48.050 ng

RT: 9.628 min Scan# 1248

Delta R.T. -0.012 min

Lab File: BF129547.D

Acq: 03 Aug 2022 18:51

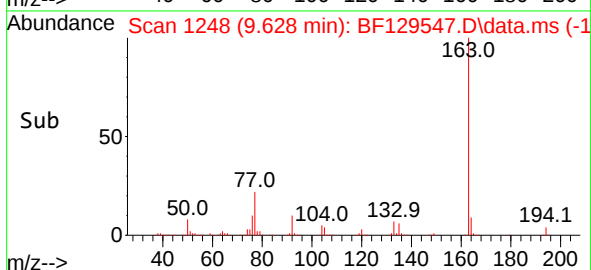
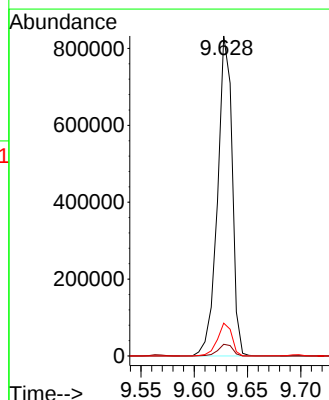
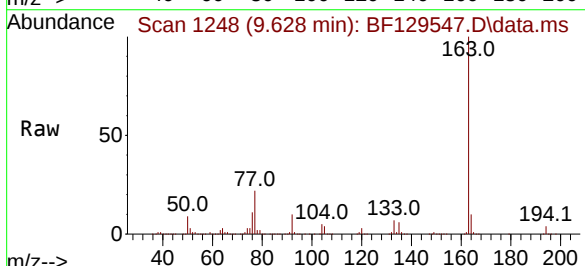
Tgt Ion:163 Resp: 791281

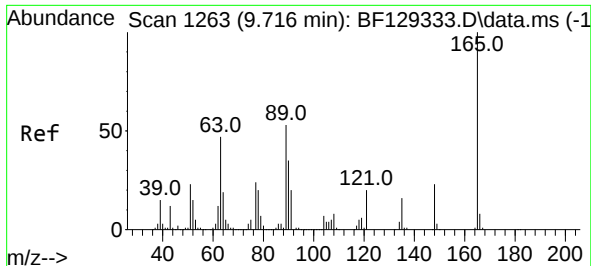
Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 46.866 ng

RT: 9.698 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129547.D

Acq: 03 Aug 2022 18:51

Instrument :

BNA_F

ClientSampleId :

RVE-98MSD

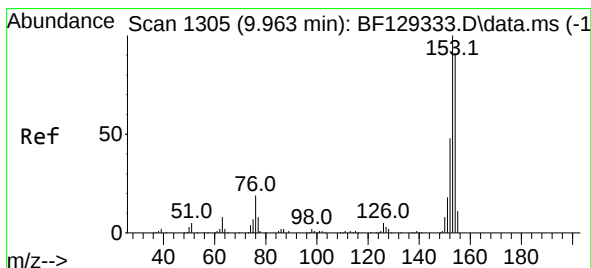
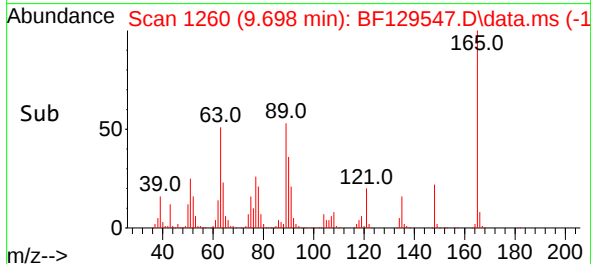
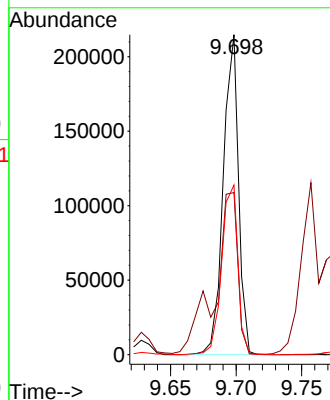
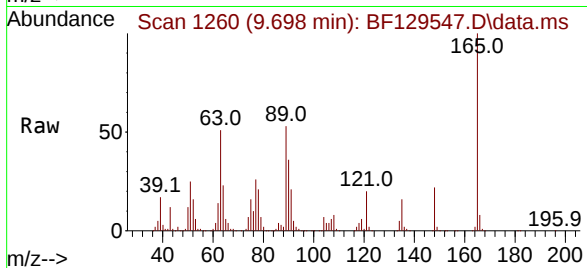
Tgt Ion:165 Resp: 172741

Ion Ratio Lower Upper

165 100

63 50.6 44.9 67.3

89 53.0 43.6 65.4



#52

Acenaphthene

Concen: 43.575 ng

RT: 9.945 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BF129547.D

Acq: 03 Aug 2022 18:51

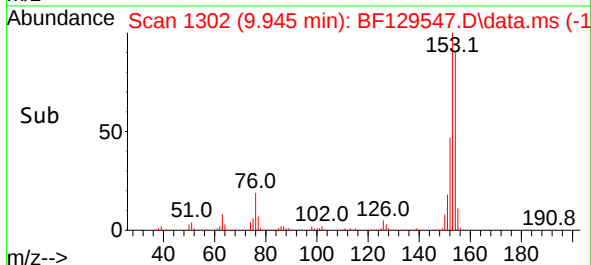
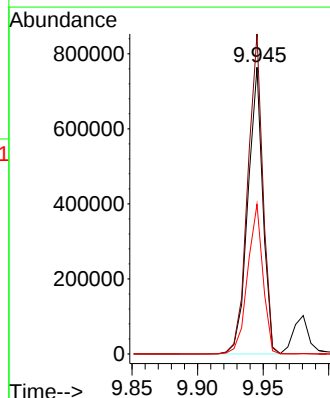
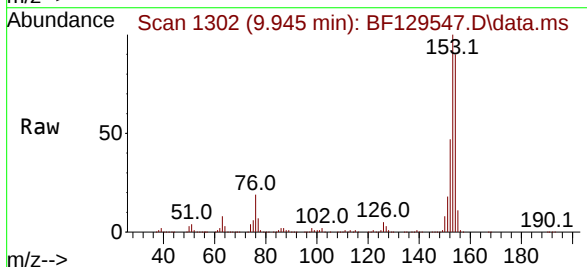
Tgt Ion:154 Resp: 608636

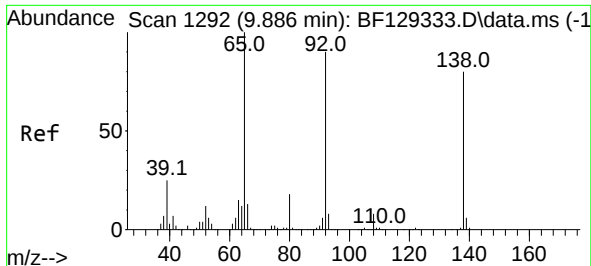
Ion Ratio Lower Upper

154 100

153 111.6 89.6 134.4

152 52.3 42.4 63.6

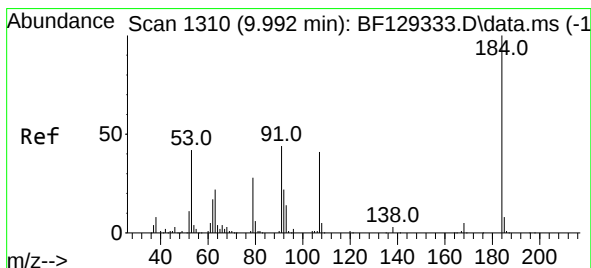
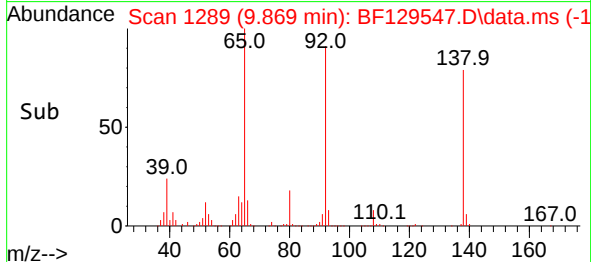
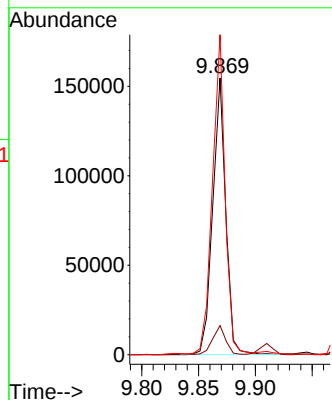
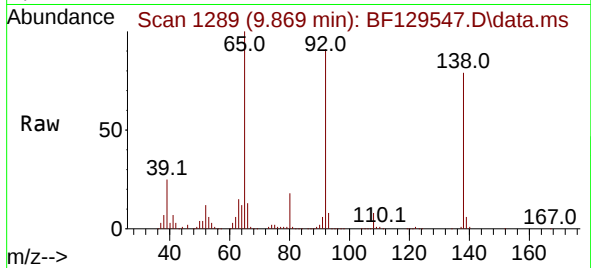




#53
3-Nitroaniline
Concen: 28.358 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

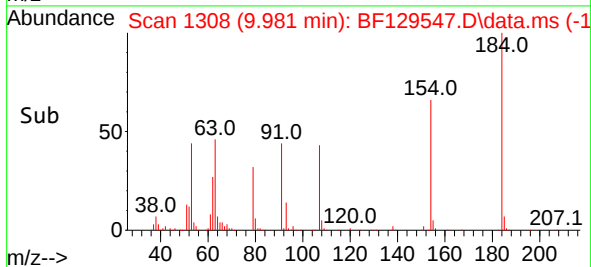
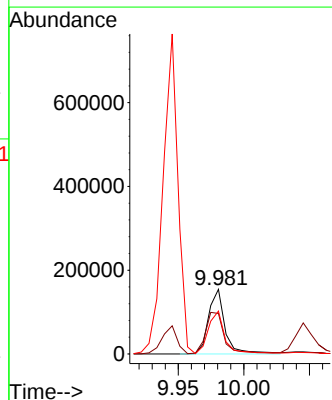
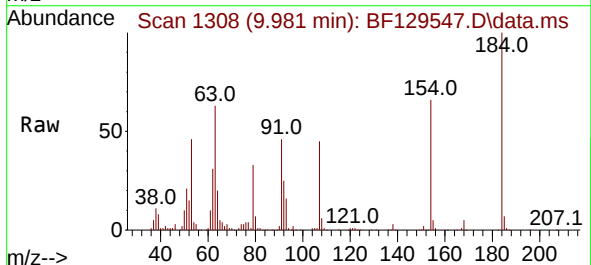
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

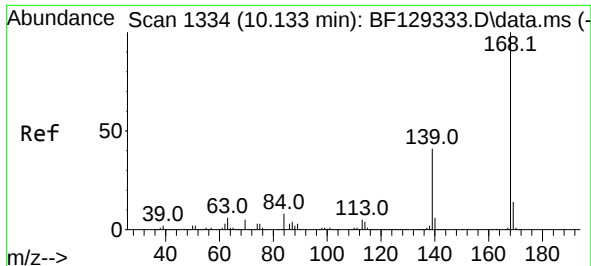
Tgt Ion:138 Resp: 123424
Ion Ratio Lower Upper
138 100
108 10.5 10.9 16.3#
92 115.6 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 72.081 ng
RT: 9.981 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion:184 Resp: 135628
Ion Ratio Lower Upper
184 100
63 62.6 64.5 96.7#
154 66.4 50.6 75.8

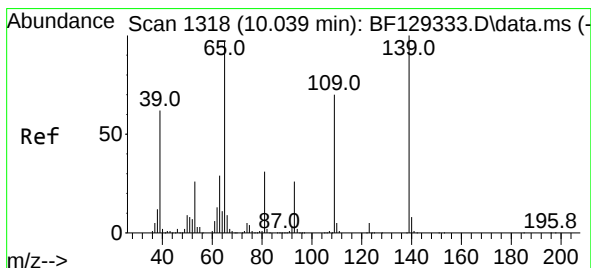
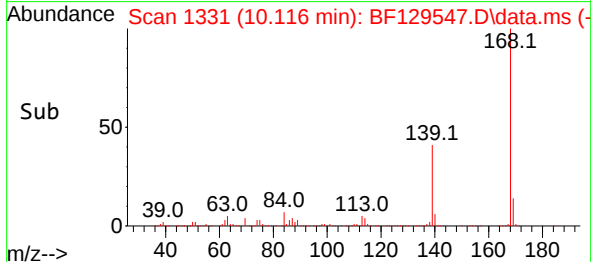
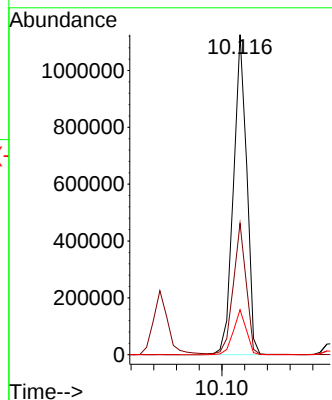
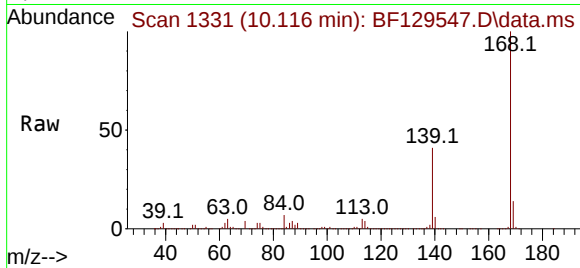




#55
Dibenzenofuran
Concen: 47.250 ng
RT: 10.116 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

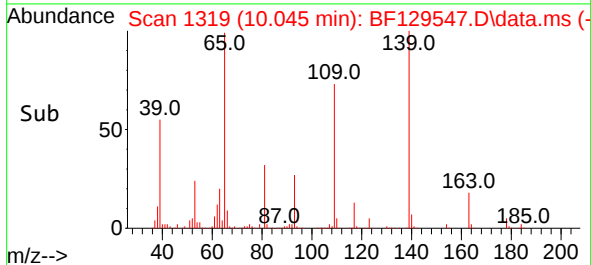
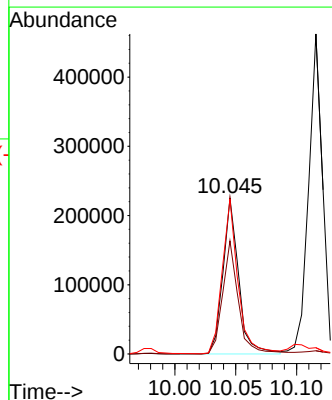
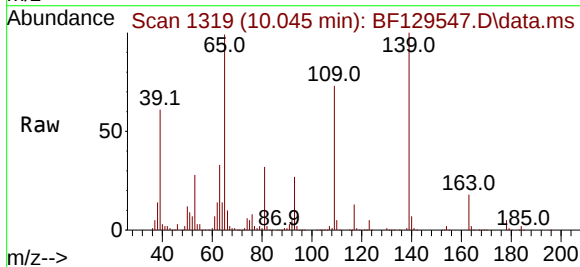
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

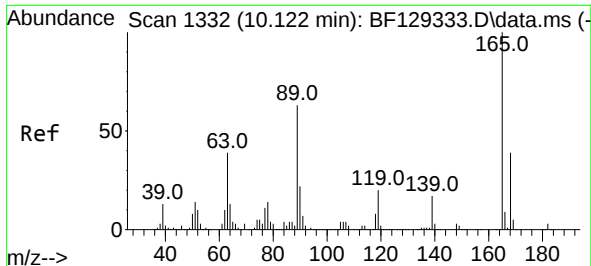
Tgt Ion:168 Resp: 909760
Ion Ratio Lower Upper
168 100
139 41.1 30.6 46.0
169 14.0 11.0 16.6



#56
4-Nitrophenol
Concen: 63.191 ng
RT: 10.045 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion:139 Resp: 202902
Ion Ratio Lower Upper
139 100
109 72.5 50.7 90.7
65 99.4 74.5 114.5

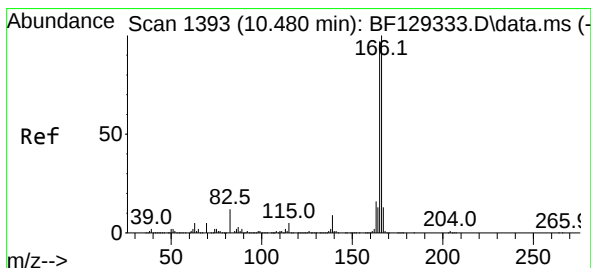
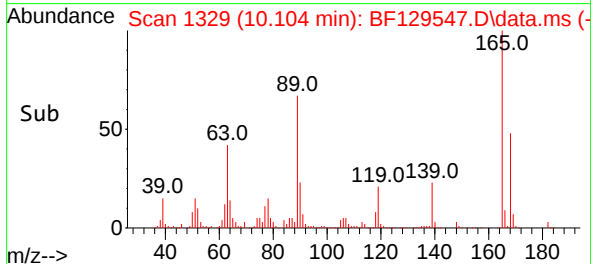
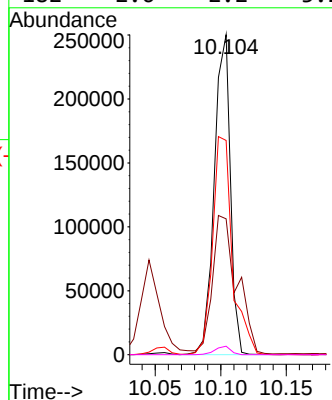
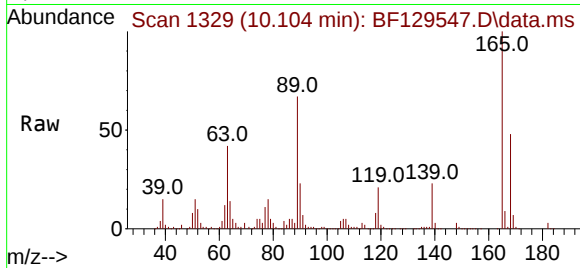




#57
2,4-Dinitrotoluene
Concen: 44.217 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

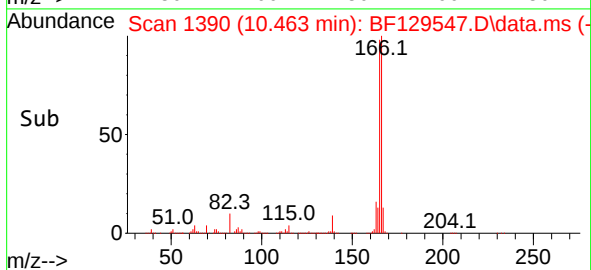
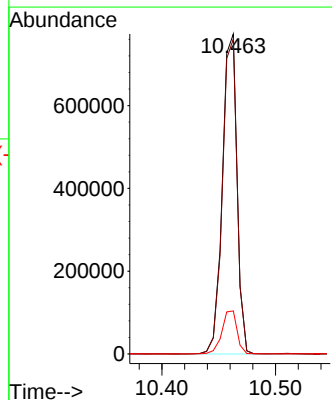
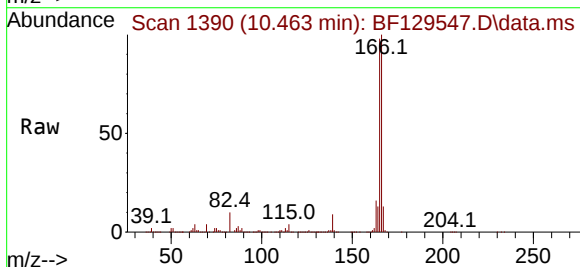
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

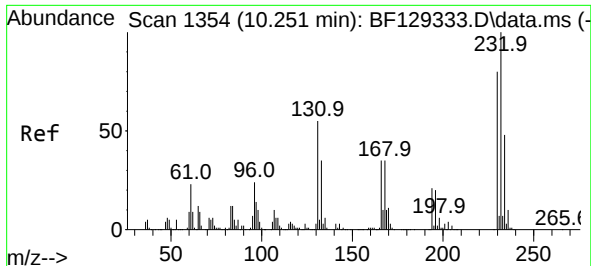
Tgt Ion:165 Resp: 212905
Ion Ratio Lower Upper
165 100
63 42.5 39.8 59.6
89 67.0 60.2 90.2
182 2.6 2.2 3.2



#58
Fluorene
Concen: 45.176 ng
RT: 10.463 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion:166 Resp: 695972
Ion Ratio Lower Upper
166 100
165 98.4 78.1 117.1
167 13.5 10.5 15.7

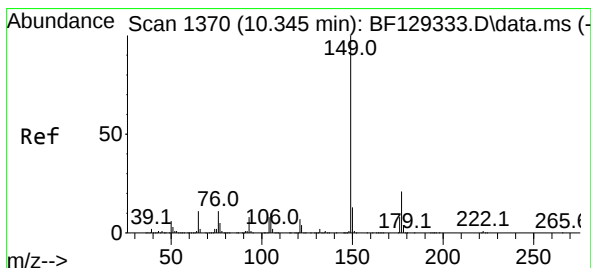
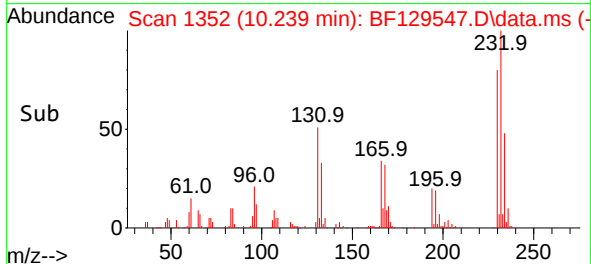
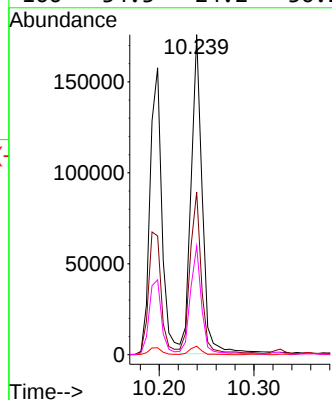
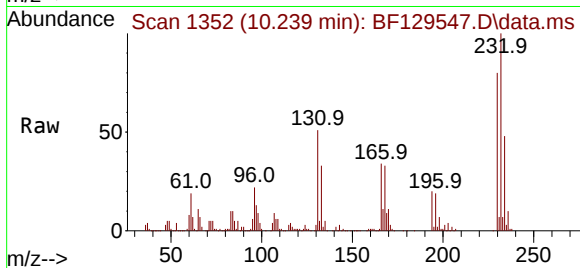




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.367 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

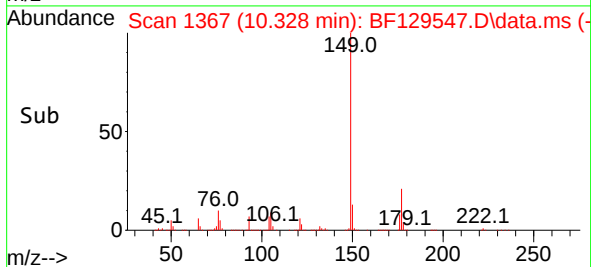
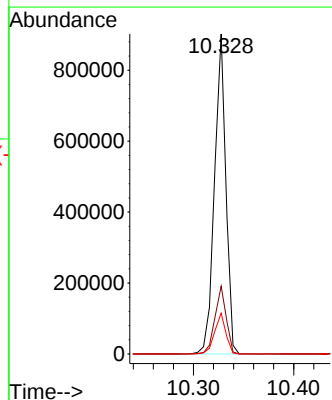
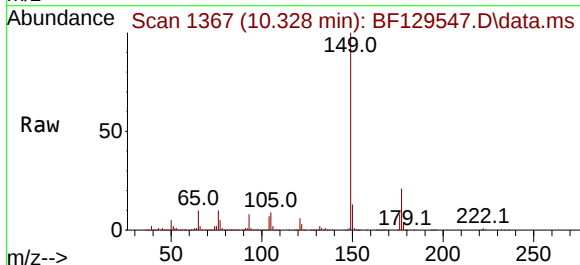
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

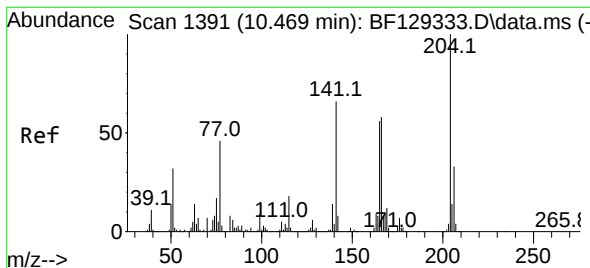
Tgt Ion:232 Resp: 142867
Ion Ratio Lower Upper
232 100
131 52.0 36.1 54.1
130 2.8 1.8 2.8#
166 34.3 24.2 36.2



#60
Diethylphthalate
Concen: 44.601 ng
RT: 10.328 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion:149 Resp: 710012
Ion Ratio Lower Upper
149 100
177 21.2 17.3 25.9
150 12.7 10.2 15.2

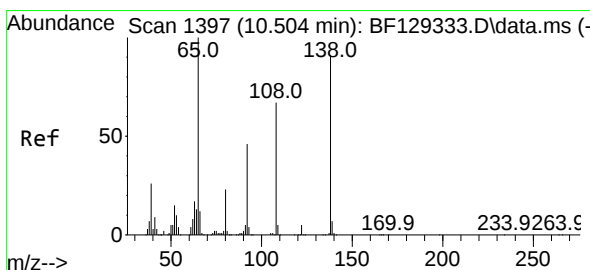
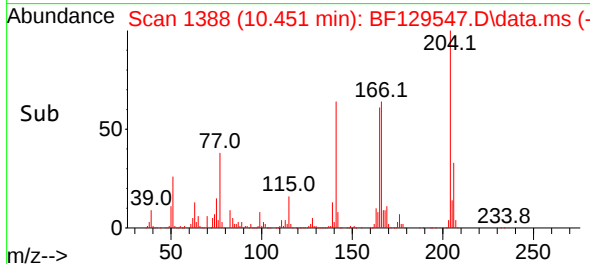
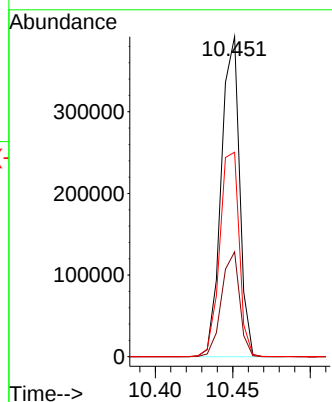
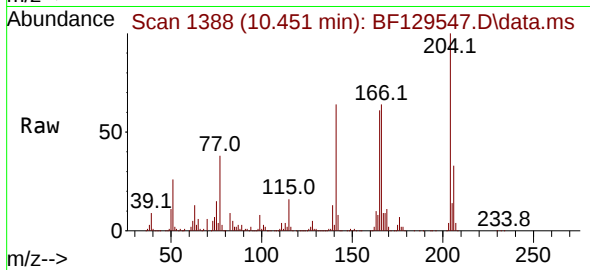




#61
4-Chlorophenyl-phenylether
Concen: 47.492 ng
RT: 10.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

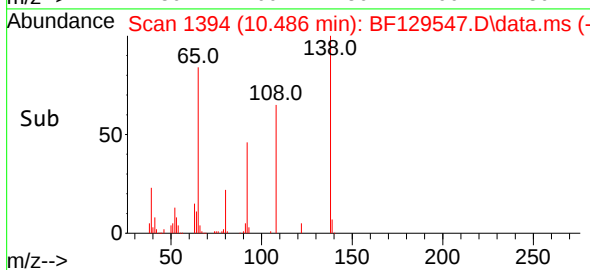
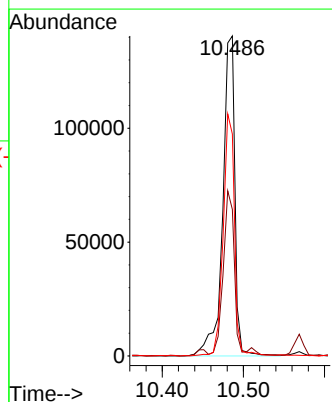
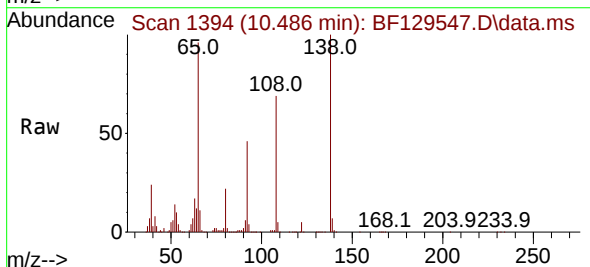
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

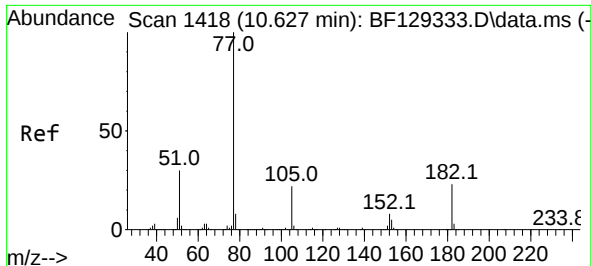
Tgt Ion:204 Resp: 322557
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 63.9 47.0 70.4



#62
4-Nitroaniline
Concen: 34.144 ng
RT: 10.486 min Scan# 1394
Delta R.T. -0.012 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion:138 Resp: 147420
Ion Ratio Lower Upper
138 100
92 45.8 33.5 73.5
108 69.3 61.0 101.0

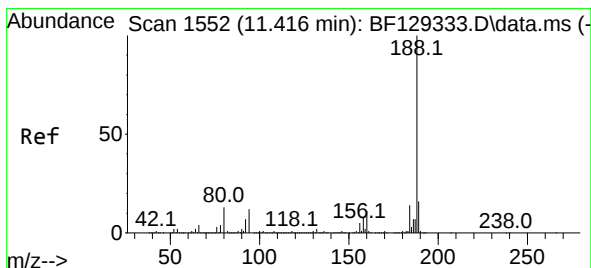
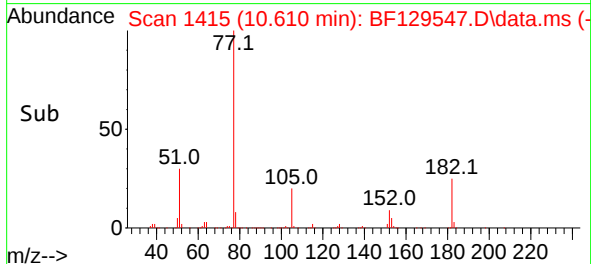
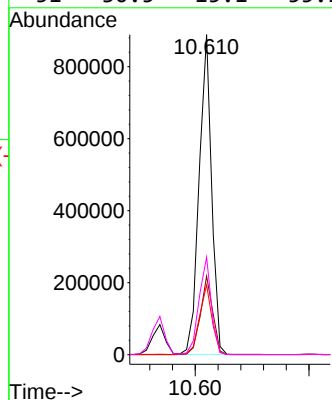
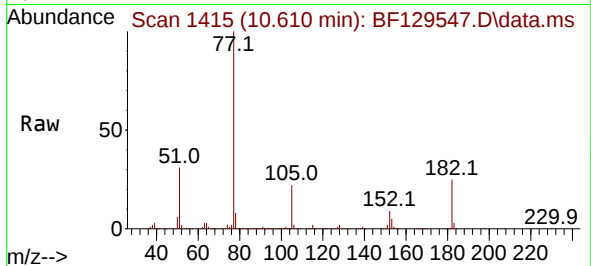




#63
Azobenzene
Concen: 41.940 ng
RT: 10.610 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

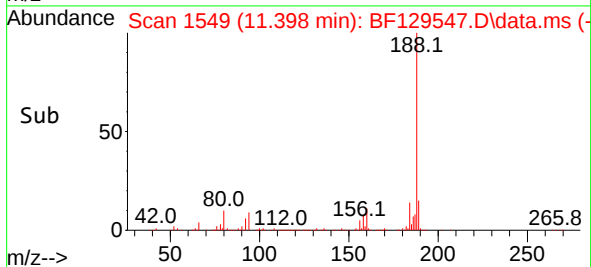
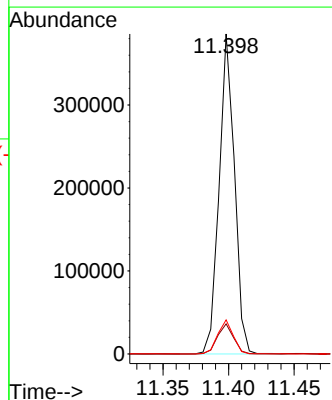
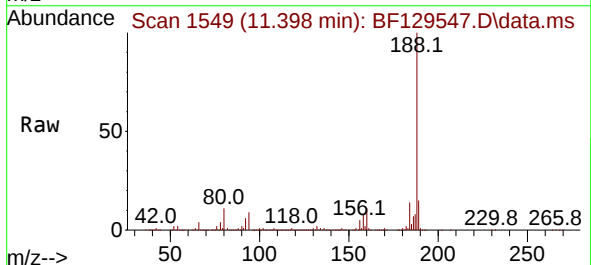
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

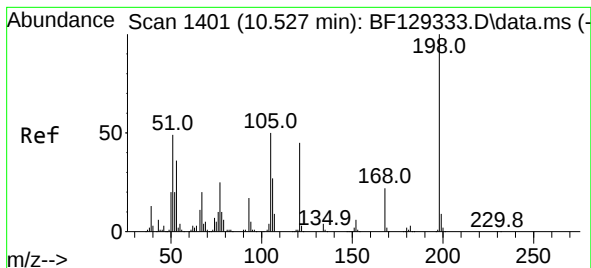
Tgt Ion: 77	Resp: 680988
Ion Ratio	Lower Upper
77 100	
182 24.6	5.6 45.6
105 21.8	1.6 41.6
51 30.5	15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion:188	Resp: 313425		
Ion Ratio	Lower	Upper	
188 100			
94 9.4	7.0	10.6	
80 10.6	7.6	11.4	

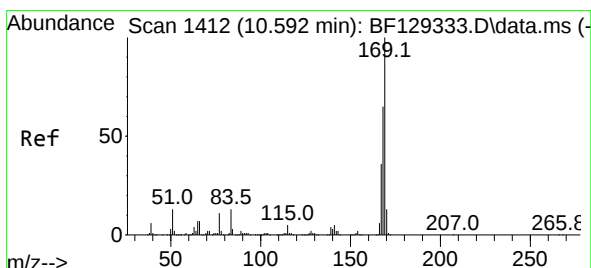
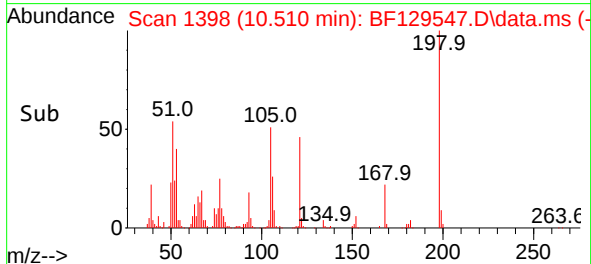
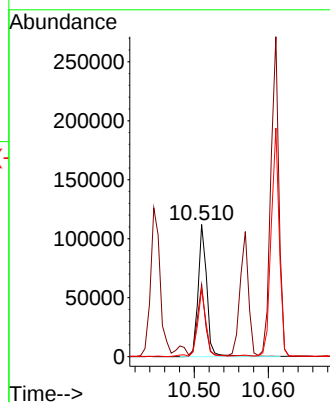
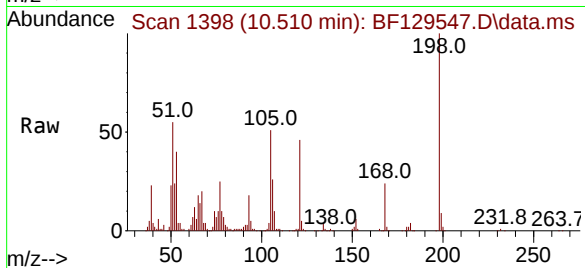




#65
4,6-Dinitro-2-methylphenol
Concen: 45.935 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

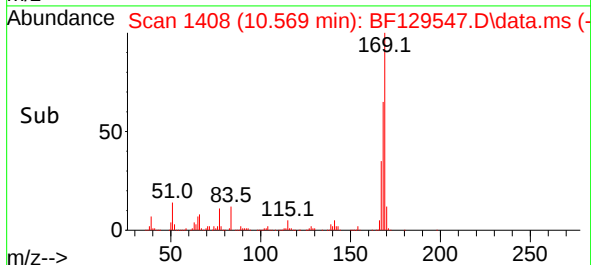
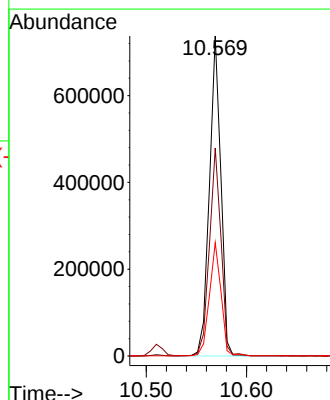
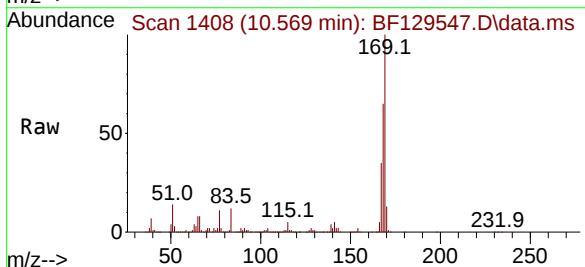
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

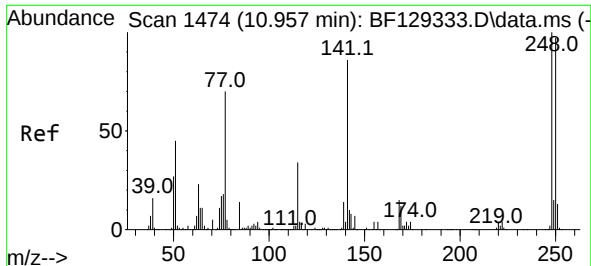
Tgt Ion:198 Resp: 90872
Ion Ratio Lower Upper
198 100
51 54.6 37.6 77.6
105 51.3 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 55.830 ng
RT: 10.569 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion:169 Resp: 582743
Ion Ratio Lower Upper
169 100
168 65.0 50.1 75.1
167 35.4 27.9 41.9

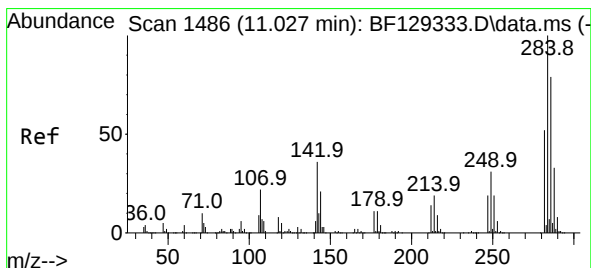
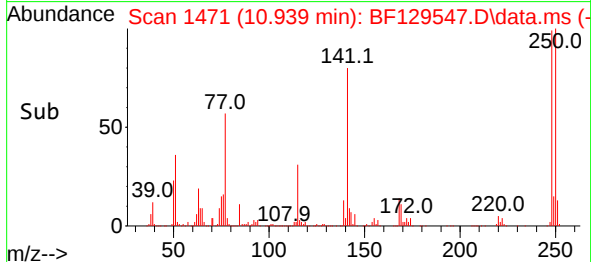
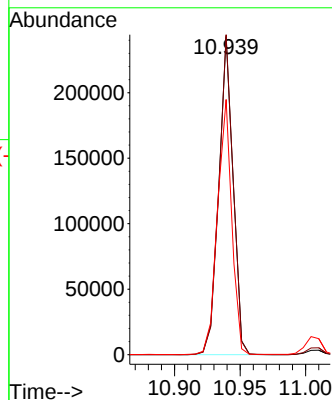
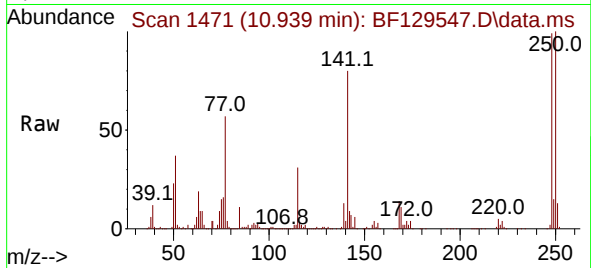




#67
4-Bromophenyl-phenylether
Concen: 53.782 ng
RT: 10.939 min Scan# 1471
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

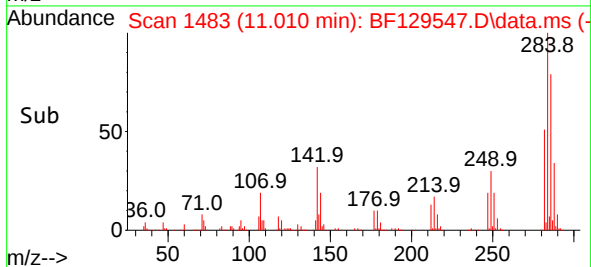
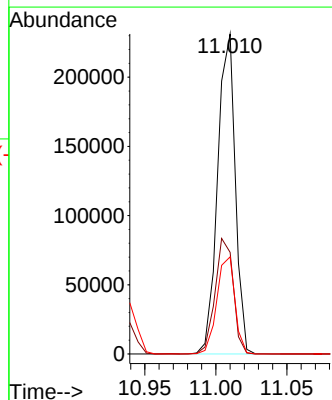
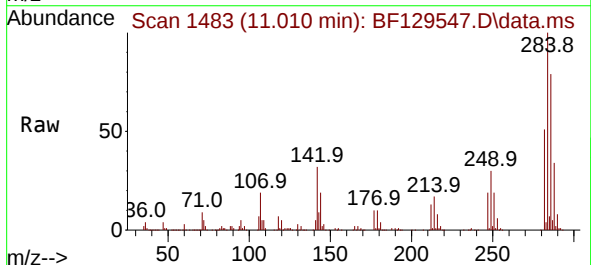
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

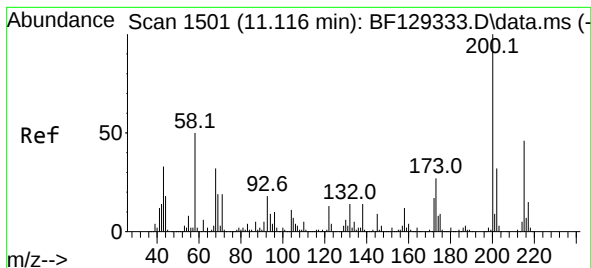
Tgt Ion:248 Resp: 184586
Ion Ratio Lower Upper
248 100
250 100.6 80.6 120.8
141 80.2 58.9 88.3



#68
Hexachlorobenzene
Concen: 53.681 ng
RT: 11.010 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion:284 Resp: 199626
Ion Ratio Lower Upper
284 100
142 31.8 29.0 43.4
249 30.4 25.0 37.6





#69

Atrazine

Concen: 49.481 ng

RT: 11.092 min Scan# 1497

Delta R.T. -0.012 min

Lab File: BF129547.D

Acq: 03 Aug 2022 18:51

Instrument :

BNA_F

ClientSampleId :

RVE-98MSD

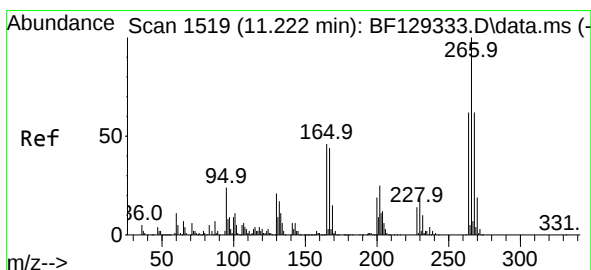
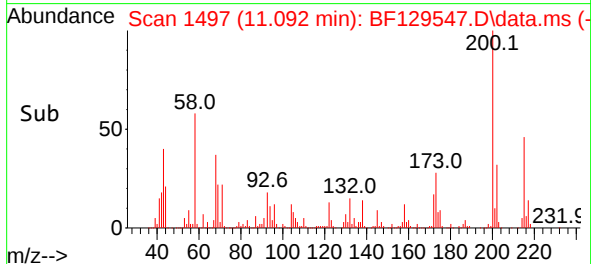
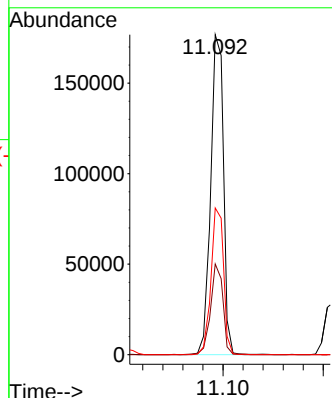
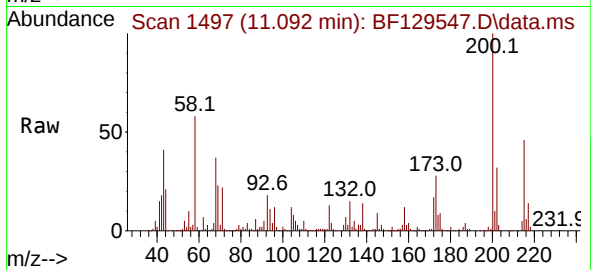
Tgt Ion:200 Resp: 156875

Ion Ratio Lower Upper

200 100

173 28.4 6.3 46.3

215 45.8 28.3 68.3



#70

Pentachlorophenol

Concen: 71.843 ng

RT: 11.210 min Scan# 1517

Delta R.T. 0.000 min

Lab File: BF129547.D

Acq: 03 Aug 2022 18:51

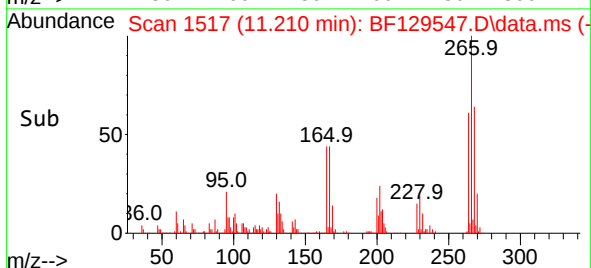
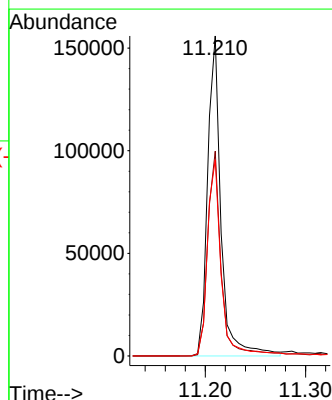
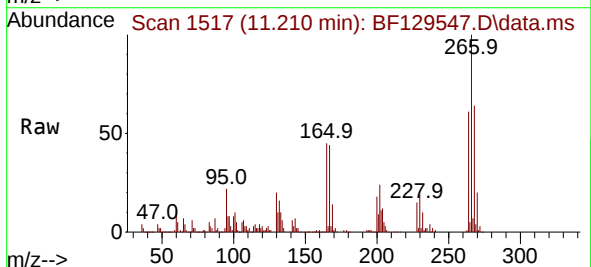
Tgt Ion:266 Resp: 145241

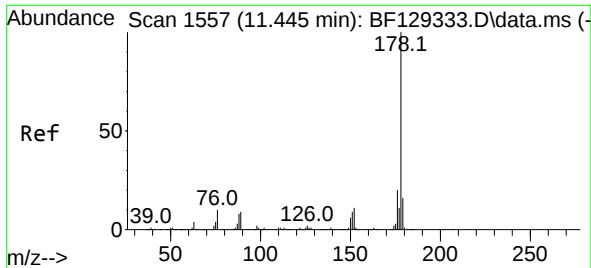
Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.4

264 61.4 49.4 74.2

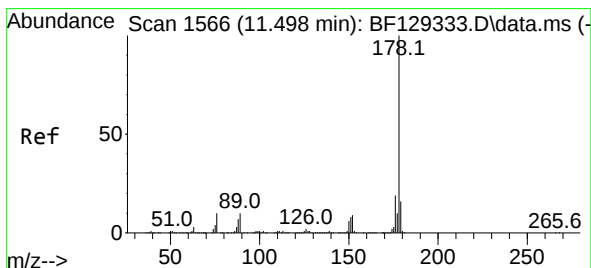
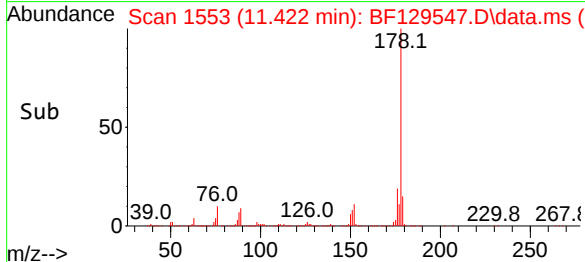
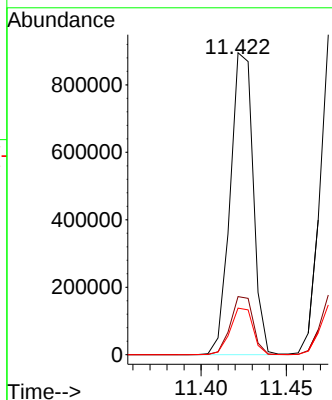
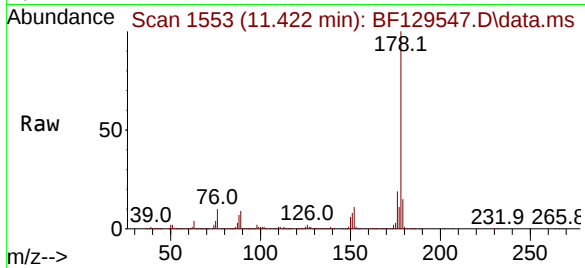




#71
Phenanthrene
Concen: 48.901 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

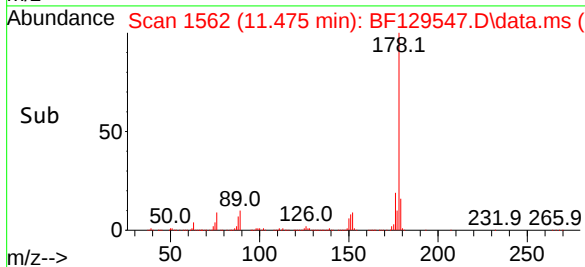
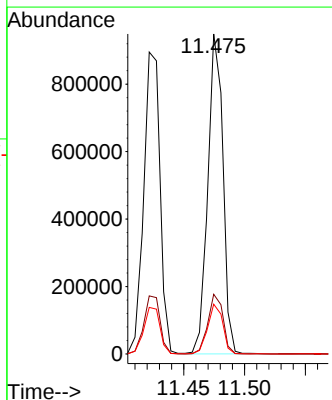
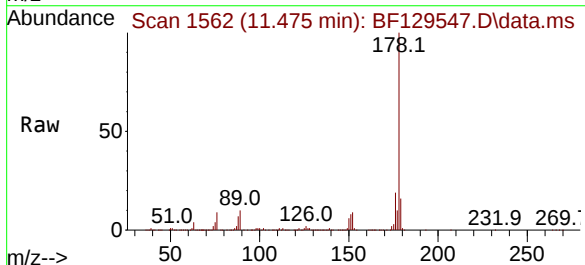
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

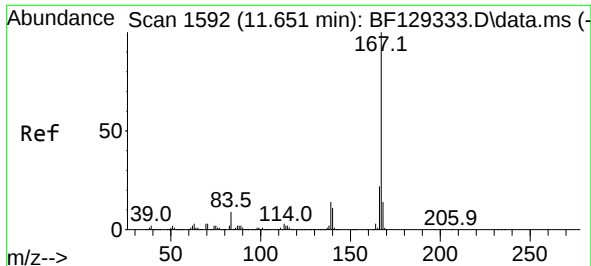
Tgt Ion:178 Resp: 836654
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.4 12.6 19.0



#72
Anthracene
Concen: 48.879 ng
RT: 11.475 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion:178 Resp: 821813
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.5 12.6 19.0

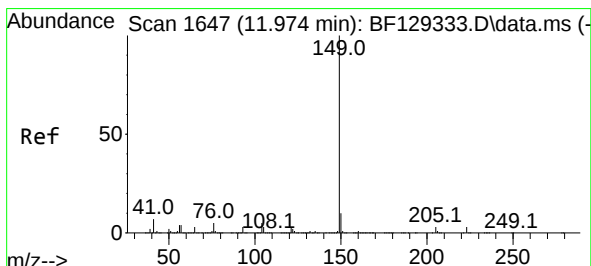
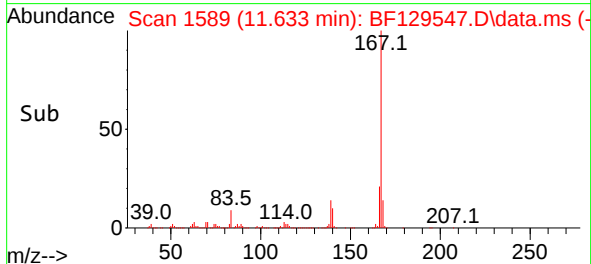
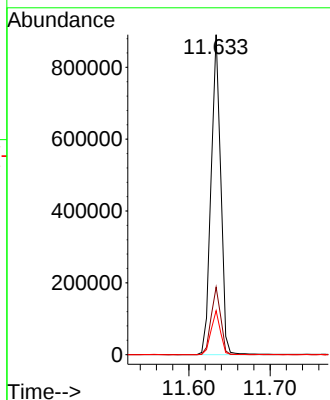
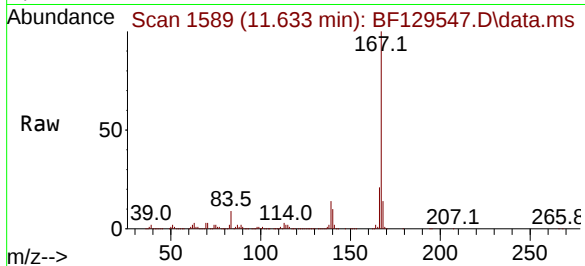




#73
 Carbazole
 Concen: 46.137 ng
 RT: 11.633 min Scan# 1589
 Delta R.T. -0.006 min
 Lab File: BF129547.D
 Acq: 03 Aug 2022 18:51

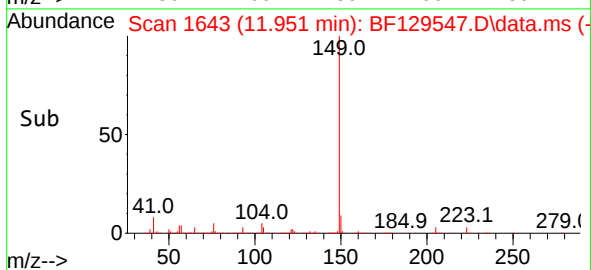
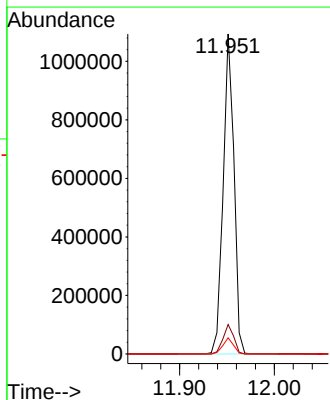
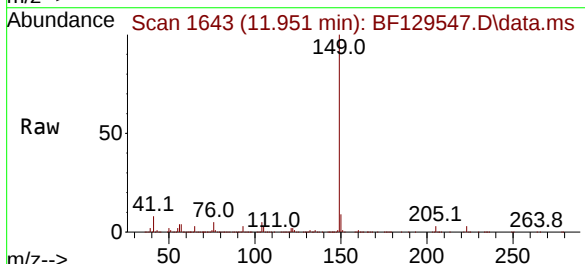
Instrument :
 BNA_F
 ClientSampleId :
 RVE-98MSD

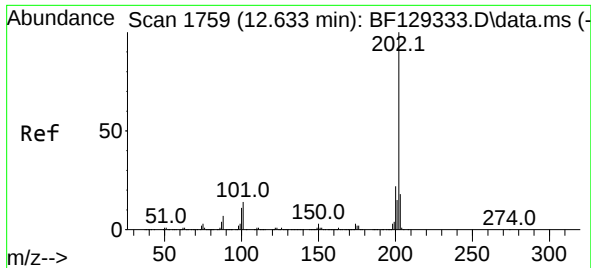
Tgt Ion:167 Resp: 730210
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.7 26.5
 139 13.8 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 46.047 ng
 RT: 11.951 min Scan# 1643
 Delta R.T. -0.006 min
 Lab File: BF129547.D
 Acq: 03 Aug 2022 18:51

Tgt Ion:149 Resp: 867900
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.0 4.4 6.6

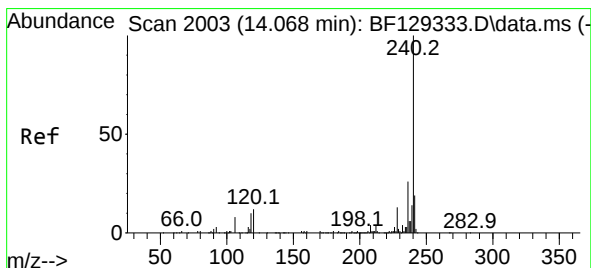
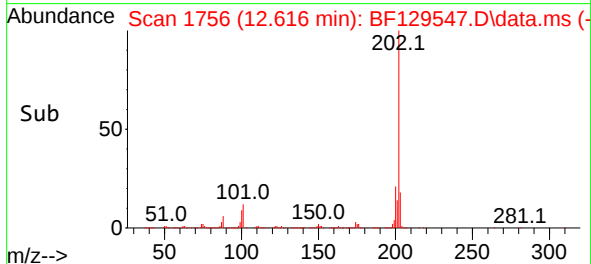
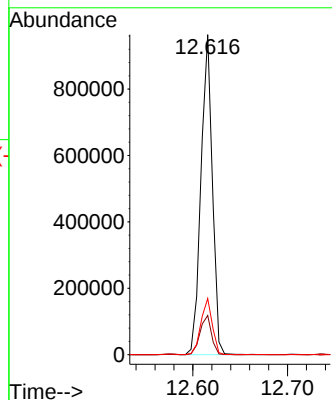
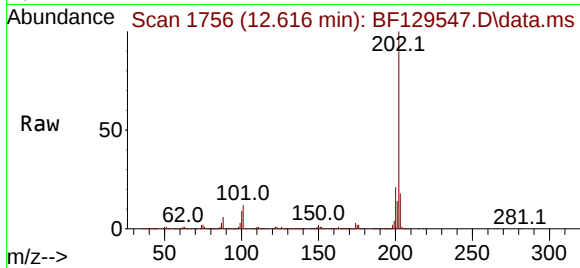




#75
Fluoranthene
Concen: 46.698 ng
RT: 12.616 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

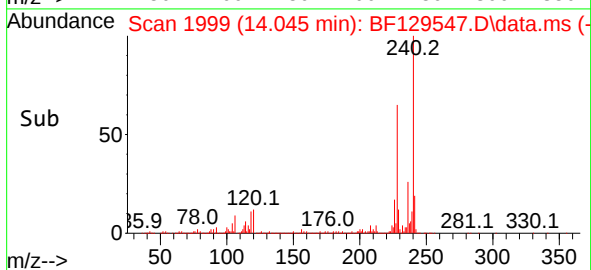
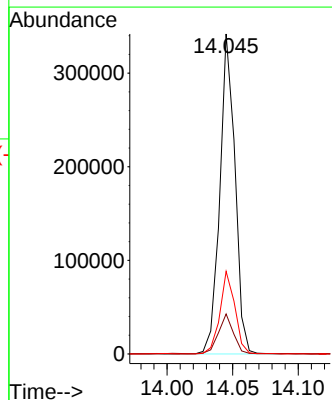
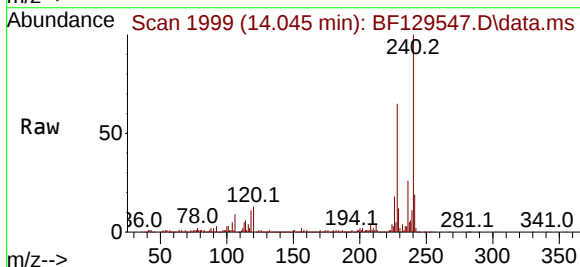
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

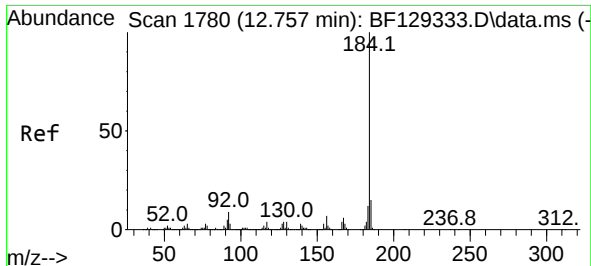
Tgt Ion:202 Resp: 809518
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.4
203 17.5 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion:240 Resp: 274546
Ion Ratio Lower Upper
240 100
120 12.5 8.9 13.3
236 25.8 20.8 31.2

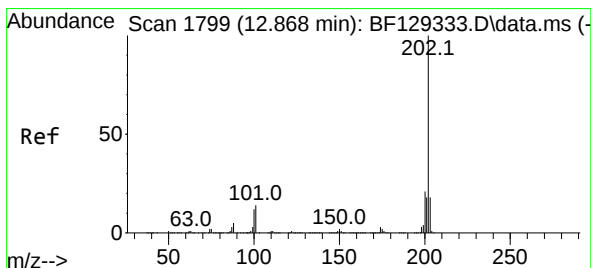
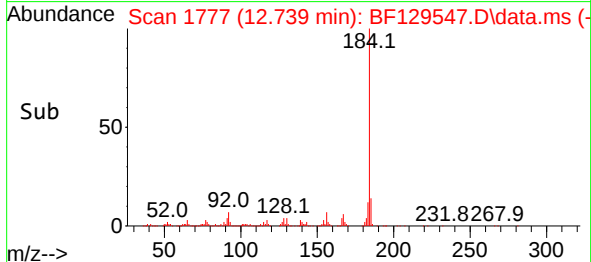
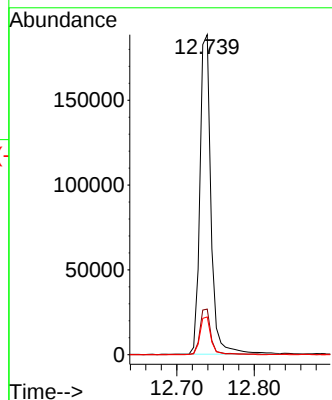
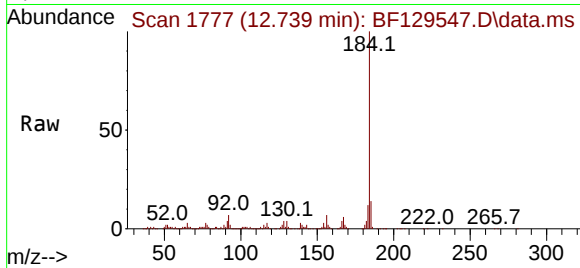




#77
Benzidine
Concen: 19.282 ng
RT: 12.739 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

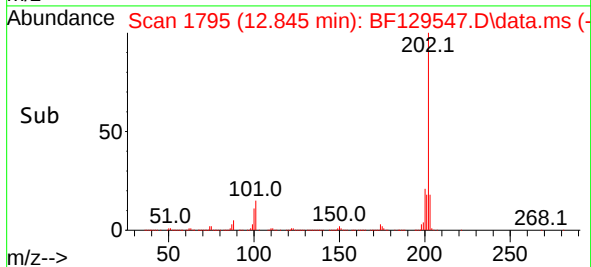
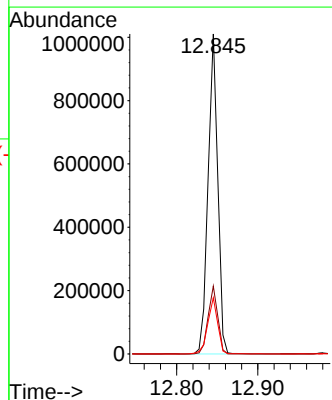
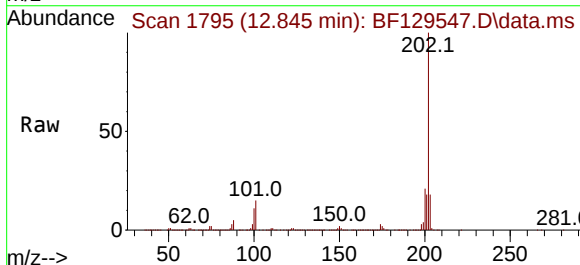
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

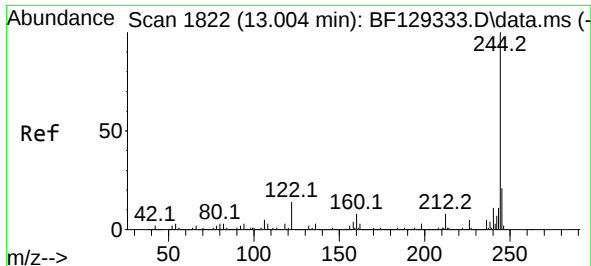
Tgt Ion:184 Resp: 187021
Ion Ratio Lower Upper
184 100
185 14.3 11.9 17.9
183 11.8 9.3 13.9



#78
Pyrene
Concen: 36.225 ng
RT: 12.845 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion:202 Resp: 831668
Ion Ratio Lower Upper
202 100
200 21.2 17.7 26.5
203 17.5 14.6 21.8

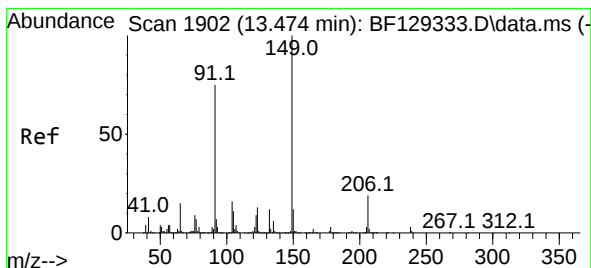
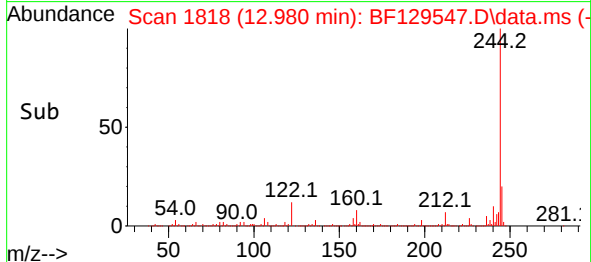
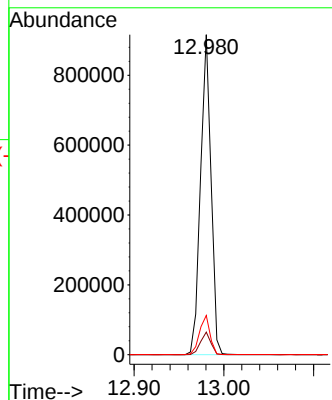
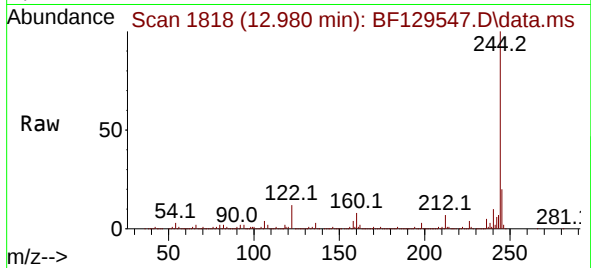




#79
 Terphenyl-d14
 Concen: 51.005 ng
 RT: 12.980 min Scan# 1818
 Delta R.T. -0.006 min
 Lab File: BF129547.D
 Acq: 03 Aug 2022 18:51

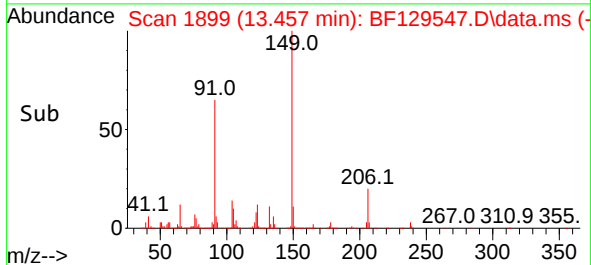
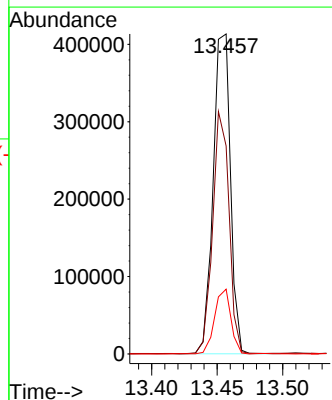
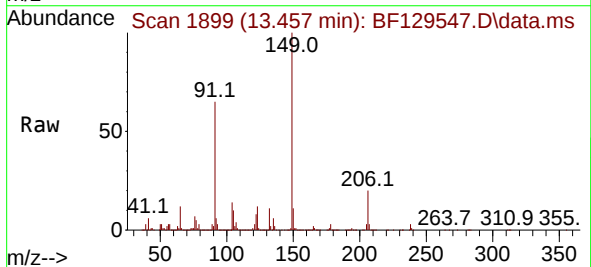
Instrument :
 BNA_F
 ClientSampleId :
 RVE-98MSD

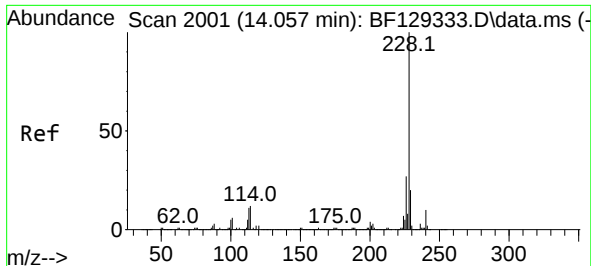
Tgt Ion:244 Resp: 742252
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 12.3 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 38.011 ng
 RT: 13.457 min Scan# 1899
 Delta R.T. 0.000 min
 Lab File: BF129547.D
 Acq: 03 Aug 2022 18:51

Tgt Ion:149 Resp: 378523
 Ion Ratio Lower Upper
 149 100
 91 65.0 61.2 91.8
 206 20.3 15.7 23.5

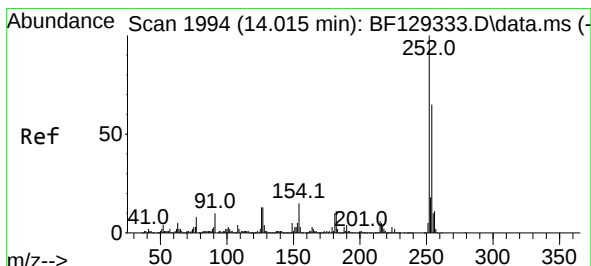
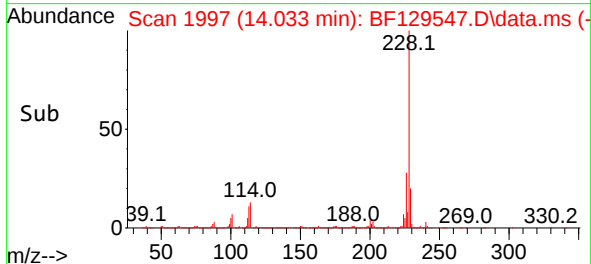
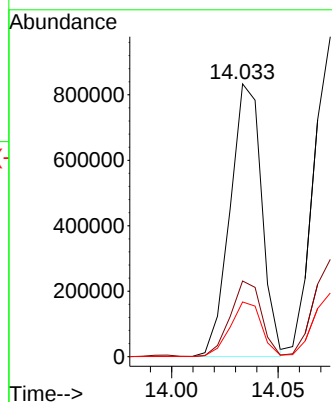
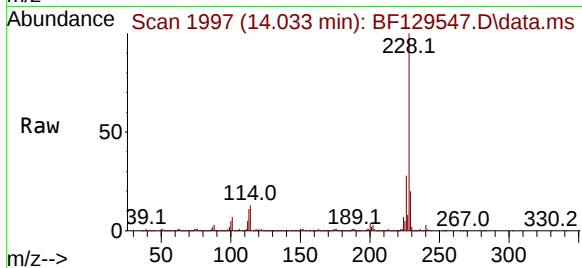




#81
Benzo(a)anthracene
Concen: 46.017 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

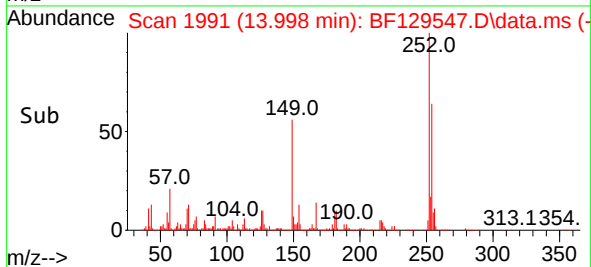
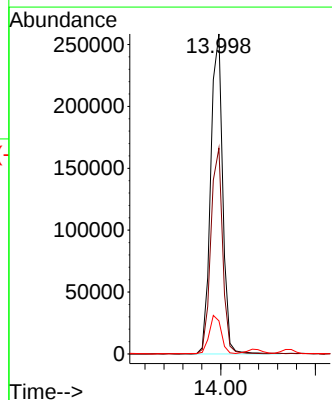
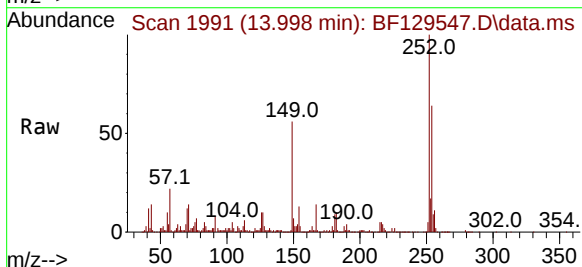
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

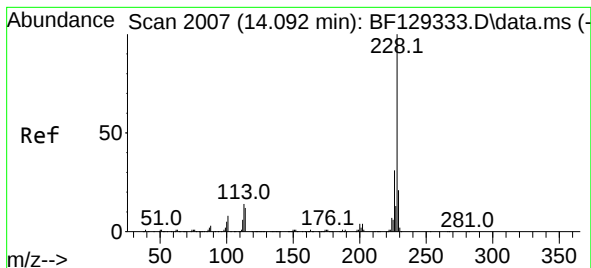
Tgt Ion:228 Resp: 863006
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 20.1 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 36.645 ng
RT: 13.998 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion:252 Resp: 226906
Ion Ratio Lower Upper
252 100
254 64.3 50.2 75.4
126 10.4 8.2 12.4





#83

Chrysene

Concen: 46.436 ng

RT: 14.074 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BF129547.D

Acq: 03 Aug 2022 18:51

Instrument :

BNA_F

ClientSampleId :

RVE-98MSD

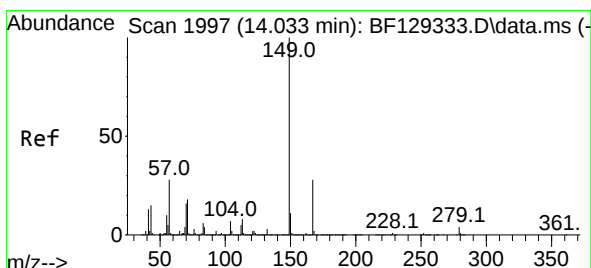
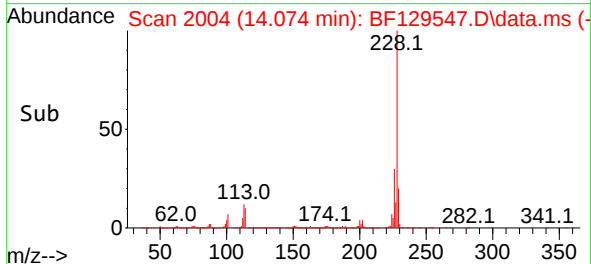
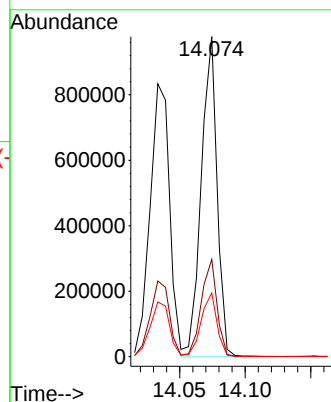
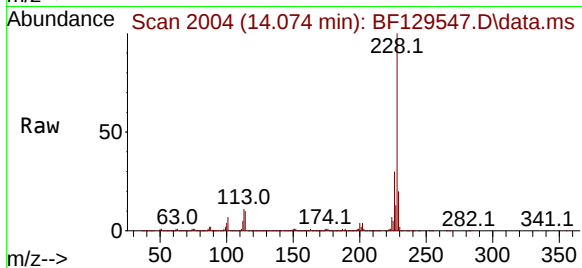
Tgt Ion:228 Resp: 820761

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 19.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.337 ng

RT: 14.010 min Scan# 1993

Delta R.T. 0.000 min

Lab File: BF129547.D

Acq: 03 Aug 2022 18:51

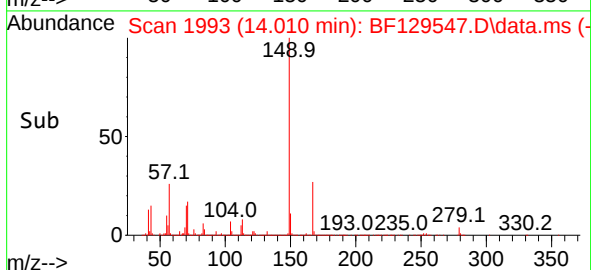
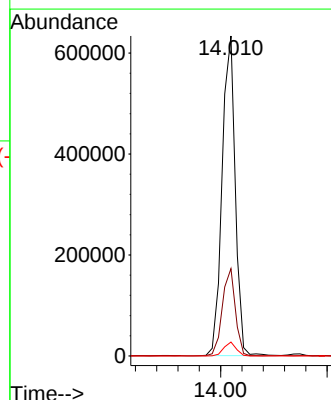
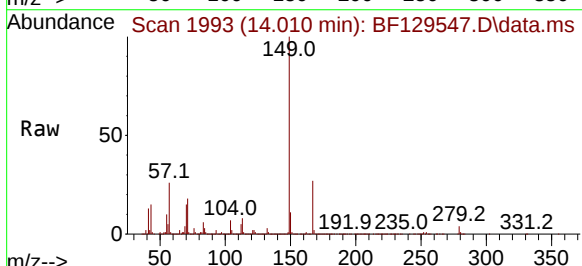
Tgt Ion:149 Resp: 541929

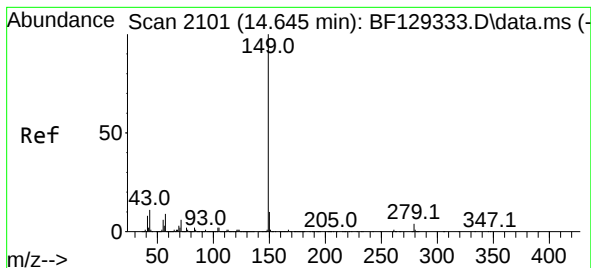
Ion Ratio Lower Upper

149 100

167 27.3 21.0 31.4

279 4.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 53.484 ng

RT: 14.621 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF129547.D

Acq: 03 Aug 2022 18:51

Instrument :

BNA_F

ClientSampleId :

RVE-98MSD

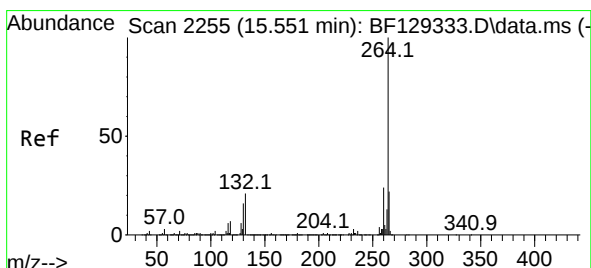
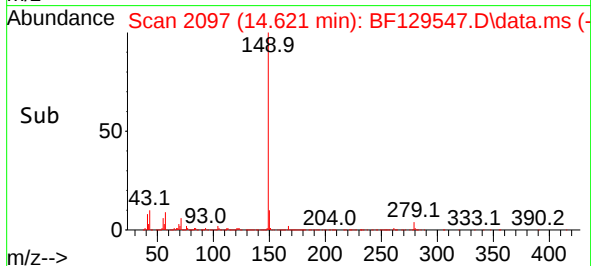
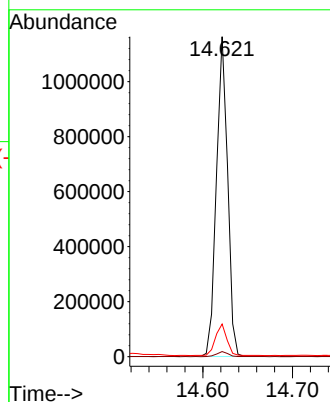
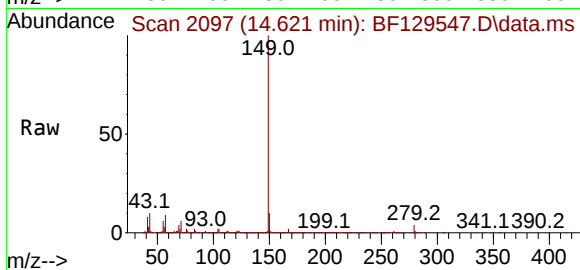
Tgt Ion:149 Resp: 1009016

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: 15.527 min Scan# 2251

Delta R.T. 0.000 min

Lab File: BF129547.D

Acq: 03 Aug 2022 18:51

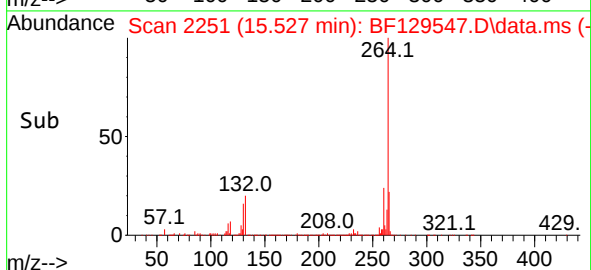
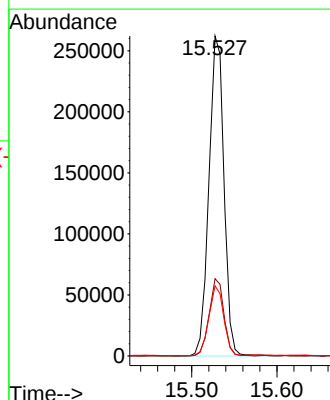
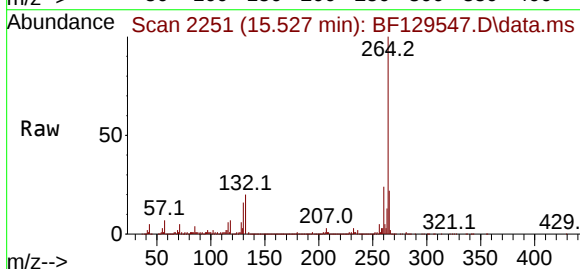
Tgt Ion:264 Resp: 321350

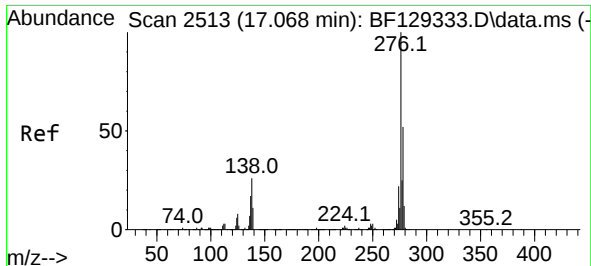
Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 21.9 17.2 25.8

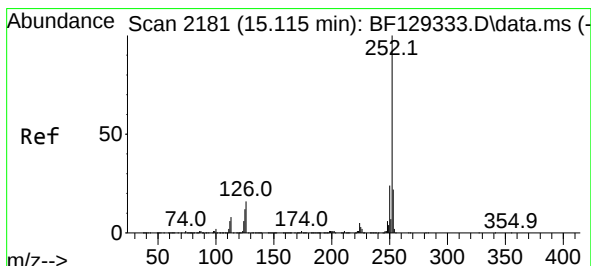
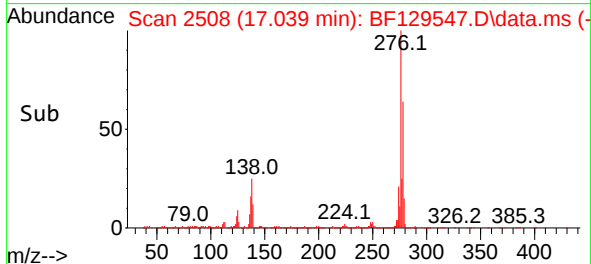
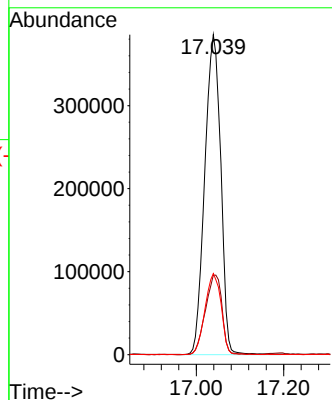
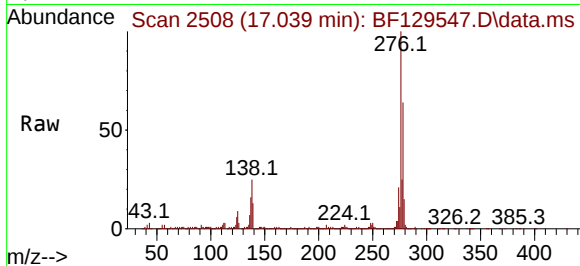




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.406 ng
RT: 17.039 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

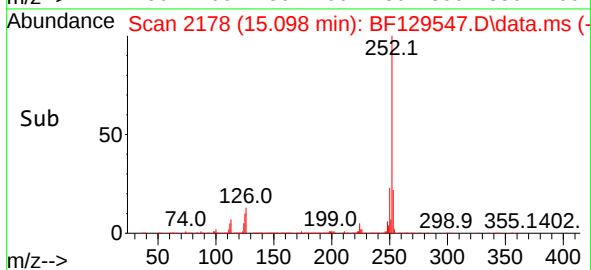
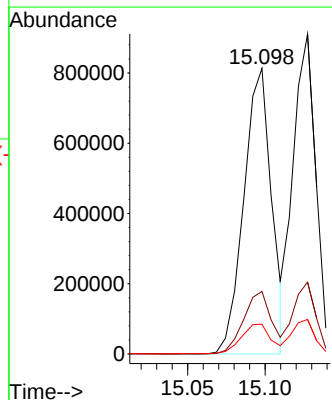
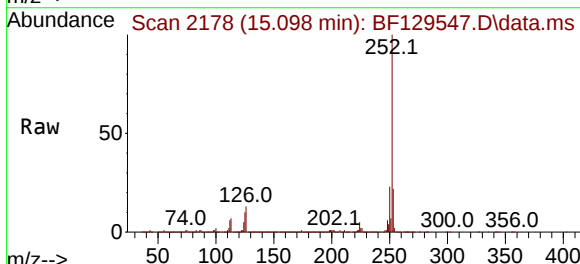
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

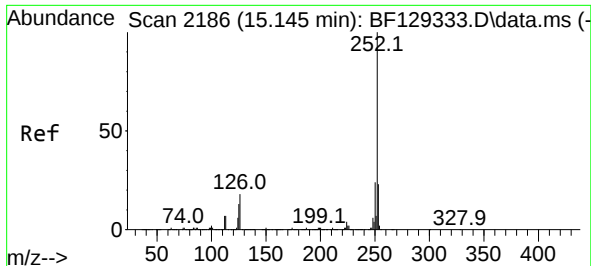
Tgt Ion:276 Resp: 982583
Ion Ratio Lower Upper
276 100
138 25.6 21.1 31.7
277 25.6 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 47.574 ng
RT: 15.098 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion:252 Resp: 1014102
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 10.4 8.0 12.0

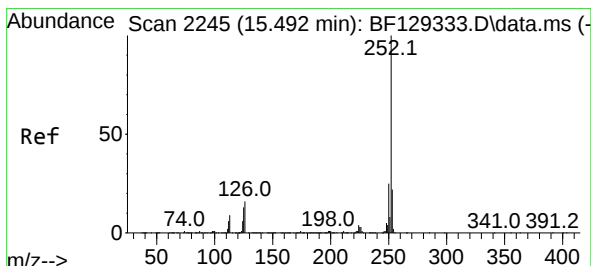
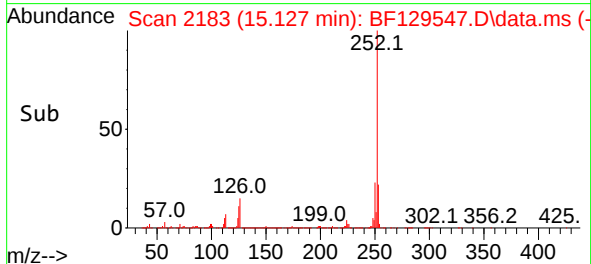
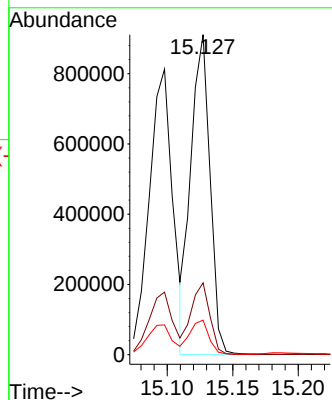
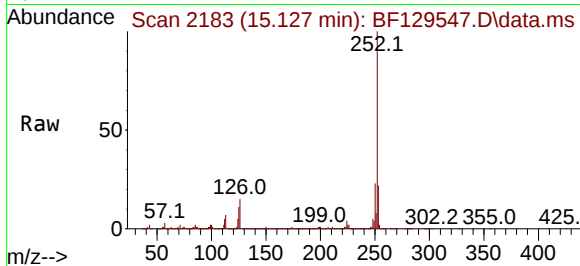




#89
Benzo(k)fluoranthene
Concen: 44.355 ng
RT: 15.127 min Scan# 2186
Delta R.T. 0.006 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

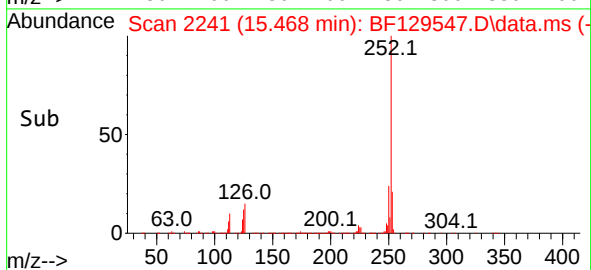
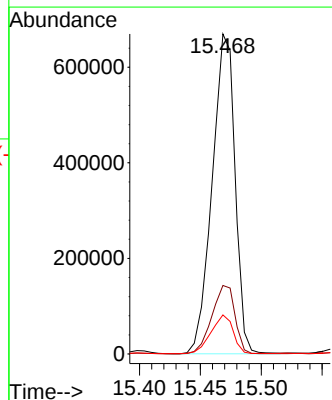
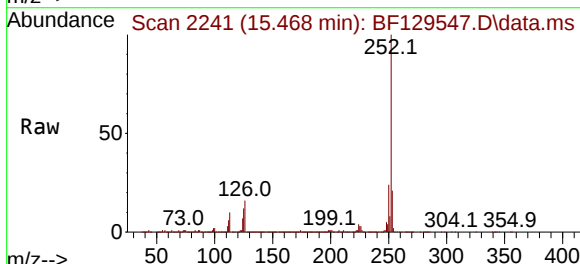
Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

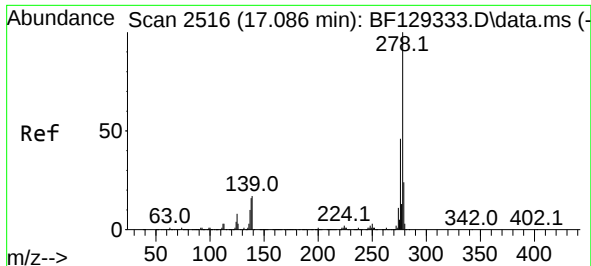
Tgt Ion:252 Resp: 926534
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 10.8 8.3 12.5



#90
Benzo(a)pyrene
Concen: 50.572 ng
RT: 15.468 min Scan# 2241
Delta R.T. 0.000 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion:252 Resp: 875088
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 12.2 8.8 13.2

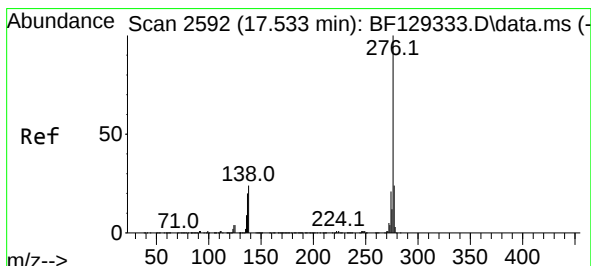
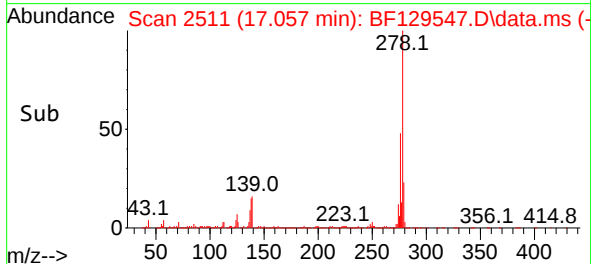
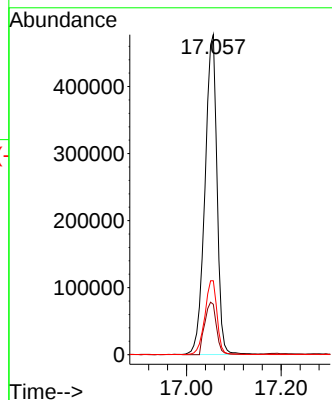
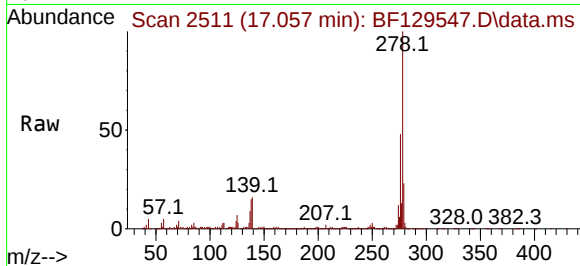




#91
Dibenzo(a,h)anthracene
Concen: 47.905 ng
RT: 17.057 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Instrument :
BNA_F
ClientSampleId :
RVE-98MSD

Tgt Ion:278 Resp: 843752
Ion Ratio Lower Upper
278 100
139 15.8 12.8 19.2
279 23.1 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 43.959 ng
RT: 17.504 min Scan# 2587
Delta R.T. 0.012 min
Lab File: BF129547.D
Acq: 03 Aug 2022 18:51

Tgt Ion:276 Resp: 791154
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 22.9 18.0 27.0

