

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072522\
 Data File : BF129341.D
 Acq On : 25 Jul 2022 20:05
 Operator : CG\JU
 Sample : PB146423BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146423BS

Quant Time: Jul 26 03:11:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	274542	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1120939	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	578615	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	957491	20.000	ng	# 0.00
76) Chrysene-d12	14.062	240	593996	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	471220	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2036781	120.853	ng	0.02
7) Phenol-d6	6.522	99	2557102	120.711	ng	0.00
23) Nitrobenzene-d5	7.451	82	1699491	82.763	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	676070	121.531	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2783385	74.415	ng	0.00
79) Terphenyl-d14	13.004	244	2839029	90.170	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	280515	36.890	ng	90
3) Pyridine	3.540	79	725450	34.354	ng	90
4) n-Nitrosodimethylamine	3.487	42	417049	44.975	ng	90
6) Aniline	6.551	93	943865	35.841	ng	99
8) 2-Chlorophenol	6.669	128	870249	47.264	ng	99
10) Phenol	6.534	94	1067036	47.300	ng	94
11) bis(2-Chloroethyl)ether	6.622	93	835881	46.722	ng	94
12) 1,3-Dichlorobenzene	6.828	146	873278	44.222	ng	97
13) 1,4-Dichlorobenzene	6.904	146	884273	44.030	ng	99
14) 1,2-Dichlorobenzene	7.057	146	859933	46.583	ng	100
15) Benzyl Alcohol	7.028	79	716718	46.650	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1218544	45.312	ng	93
17) 2-Methylphenol	7.139	107	692172	45.314	ng	99
18) Hexachloroethane	7.398	117	342192	45.250	ng	93
19) n-Nitroso-di-n-propyla...	7.298	70	571814	44.588	ng	94
20) 3+4-Methylphenols	7.292	107	805888	41.494	ng	# 88
22) Acetophenone	7.298	105	1112674	42.635	ng	# 98
24) Nitrobenzene	7.469	77	905486	42.822	ng	97
25) Isophorone	7.710	82	1665731	45.255	ng	98
26) 2-Nitrophenol	7.786	139	475244	45.558	ng	91
27) 2,4-Dimethylphenol	7.822	122	791991	50.614	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	1023445	47.931	ng	99
29) 2,4-Dichlorophenol	8.028	162	693432	42.936	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	720337	43.090	ng	97
31) Naphthalene	8.192	128	2356616	41.380	ng	99
32) Benzoic acid	7.951	122	497928	44.017	ng	95
33) 4-Chloroaniline	8.239	127	608289	26.016	ng	96
34) Hexachlorobutadiene	8.304	225	400327	42.129	ng	99
35) Caprolactam	8.622	113	124945	23.796	ng	# 76
36) 4-Chloro-3-methylphenol	8.722	107	758853	44.301	ng	95
37) 2-Methylnaphthalene	8.880	142	1551655	41.926	ng	99
38) 1-Methylnaphthalene	8.980	142	1471967	41.200	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	649003	42.717	ng	# 97
41) Hexachlorocyclopentadiene	9.033	237	723091	106.881	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	478729	43.383	ng	97
44) 2,4,5-Trichlorophenol	9.210	196	503270	41.938	ng	# 93

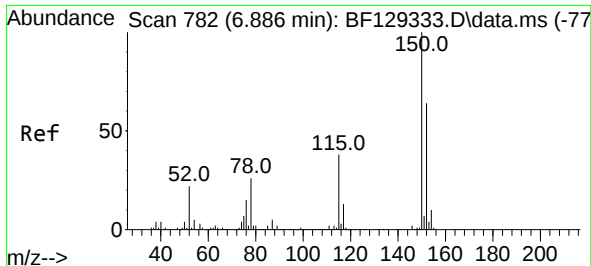
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.351	154	1799298	42.610	ng	99
47) 2-Chloronaphthalene	9.374	162	1441199	42.219	ng	99
48) 2-Nitroaniline	9.475	65	484834	42.712	ng	88
49) Acenaphthylene	9.792	152	2276744	43.893	ng	99
50) Dimethylphthalate	9.651	163	1699094	42.537	ng	99
51) 2,6-Dinitrotoluene	9.716	165	392070	43.855	ng	98
52) Acenaphthene	9.963	154	1301326	38.411	ng	98
53) 3-Nitroaniline	9.886	138	306665	29.049	ng	# 90
54) 2,4-Dinitrophenol	9.992	184	421847	92.430	ng	96
55) Dibenzofuran	10.139	168	1953862	41.836	ng	99
56) 4-Nitrophenol	10.051	139	651168	83.608	ng	98
57) 2,4-Dinitrotoluene	10.122	165	511512	43.798	ng	95
58) Fluorene	10.480	166	1519061	40.652	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	383512	41.355	ng	91
60) Diethylphthalate	10.351	149	1622632	42.023	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	695206	42.200	ng	92
62) 4-Nitroaniline	10.510	138	423526	40.441	ng	88
63) Azobenzene	10.627	77	1650343	41.904	ng	95
65) 4,6-Dinitro-2-methylph...	10.527	198	267273	44.225	ng	97
66) n-Nitrosodiphenylamine	10.592	169	1374431	43.104	ng	97
67) 4-Bromophenyl-phenylether	10.957	248	458102	43.692	ng	92
68) Hexachlorobenzene	11.027	284	497744	43.813	ng	100
69) Atrazine	11.116	200	422635	43.636	ng	96
70) Pentachlorophenol	11.221	266	533075	86.314	ng	99
71) Phenanthrene	11.445	178	2149006	41.116	ng	99
72) Anthracene	11.498	178	2175072	42.347	ng	100
73) Carbazole	11.651	167	2075741	42.931	ng	100
74) Di-n-butylphthalate	11.974	149	2453552	42.611	ng	99
75) Fluoranthene	12.633	202	2200151	41.545	ng	97
77) Benzidine	12.751	184	716024	34.122	ng	100
78) Pyrene	12.863	202	2238564	45.067	ng	99
80) Butylbenzylphthalate	13.474	149	987877	45.852	ng	98
81) Benzo(a)anthracene	14.051	228	1742094	42.934	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	462163	34.498	ng	98
83) Chrysene	14.092	228	1604380	41.954	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1331090	46.928	ng	98
85) Di-n-octyl phthalate	14.645	149	1887408	46.240	ng	98
87) Indeno(1,2,3-cd)pyrene	17.062	276	1488016	46.893	ng	98
88) Benzo(b)fluoranthene	15.145	252	1379097	44.121	ng	99
89) Benzo(k)fluoranthene	15.145	252	1379097	45.022	ng	99
90) Benzo(a)pyrene	15.492	252	1356604	53.464	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	1289752	49.938	ng	97
92) Benzo(g,h,i)perylene	17.527	276	1341898	50.846	ng	99

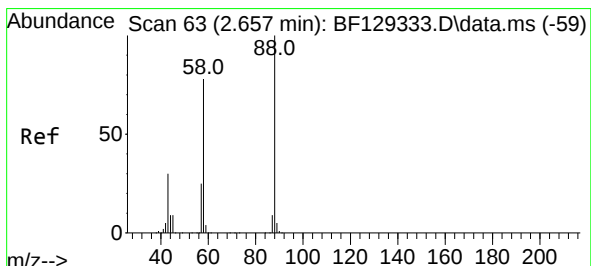
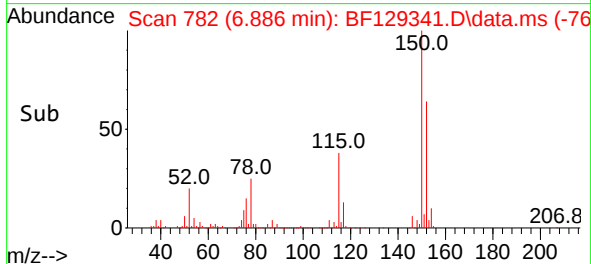
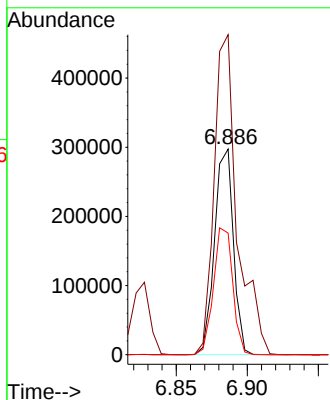
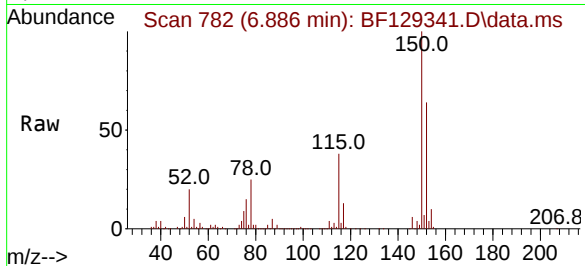
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129341.D
 Acq: 25 Jul 2022 20:05

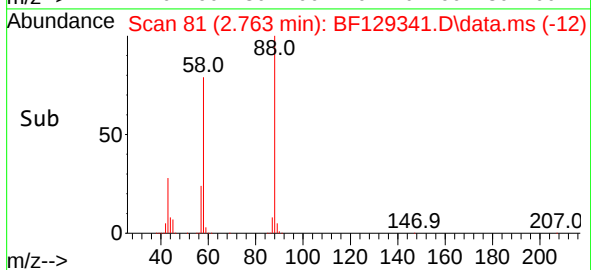
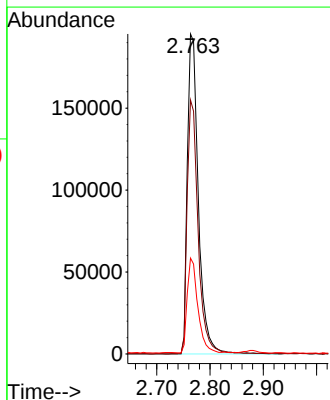
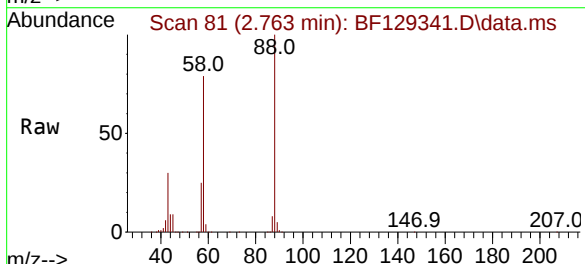
Instrument :
 BNA_F
 ClientSampleId :
 PB146423BS

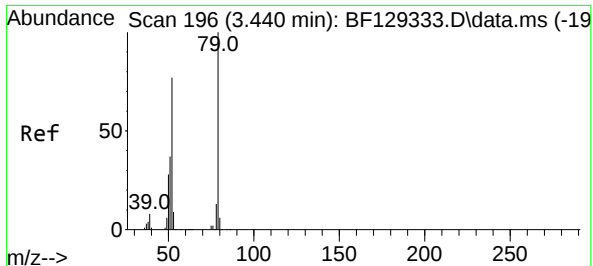
Tgt Ion:152 Resp: 274542
 Ion Ratio Lower Upper
 152 100
 150 155.7 123.7 185.5
 115 59.2 49.9 74.9



#2
 1,4-Dioxane
 Concen: 36.890 ng
 RT: 2.763 min Scan# 81
 Delta R.T. 0.106 min
 Lab File: BF129341.D
 Acq: 25 Jul 2022 20:05

Tgt Ion: 88 Resp: 280515
 Ion Ratio Lower Upper
 88 100
 58 79.2 71.8 107.8
 43 28.5 26.6 39.8

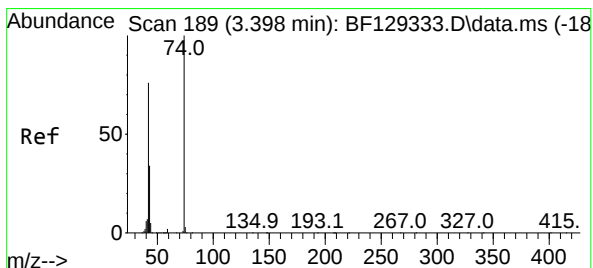
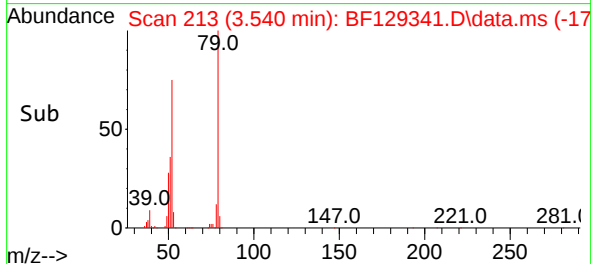
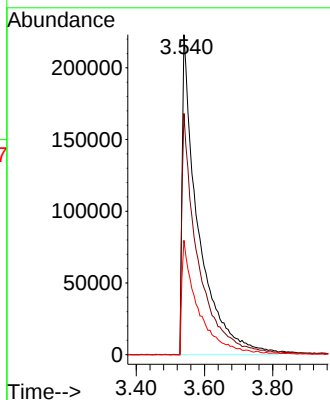
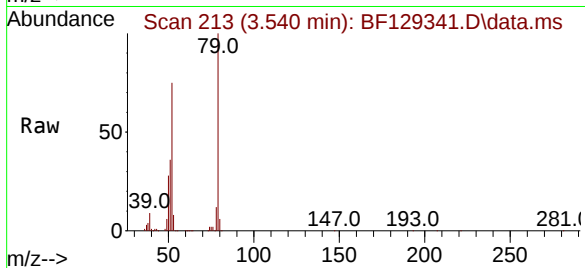




#3
Pyridine
Concen: 34.354 ng
RT: 3.540 min Scan# 21
Delta R.T. 0.100 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

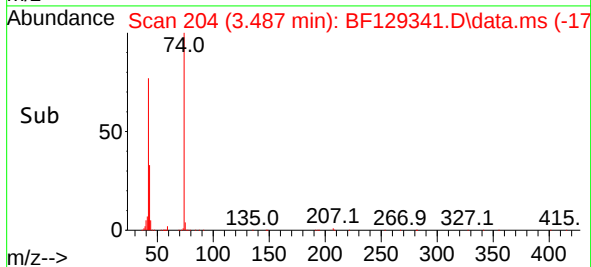
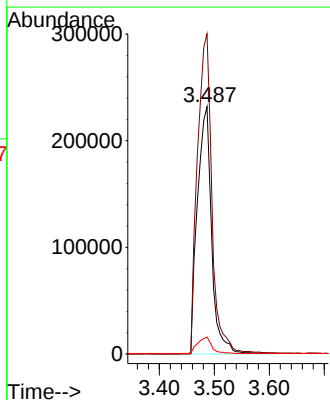
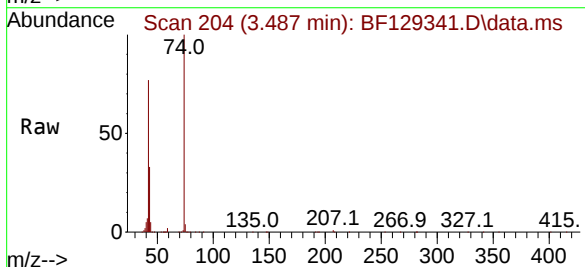
Instrument :
BNA_F
ClientSampleId :
PB146423BS

Tgt Ion: 79 Resp: 725450
Ion Ratio Lower Upper
79 100
52 75.4 68.6 102.8
51 35.8 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 44.975 ng
RT: 3.487 min Scan# 204
Delta R.T. 0.088 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion: 42 Resp: 417049
Ion Ratio Lower Upper
42 100
74 129.5 94.8 142.2
44 6.9 6.6 10.0

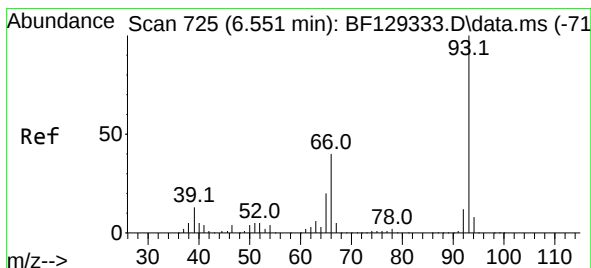
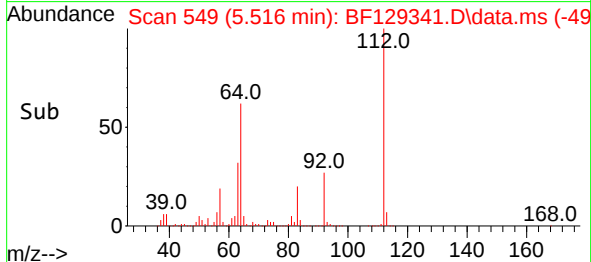
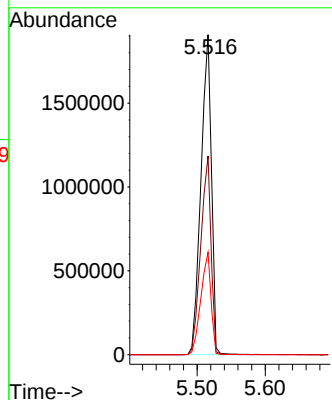
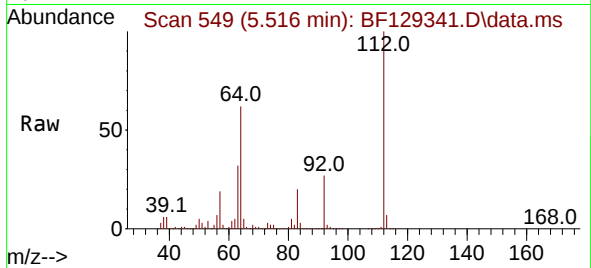




#5
2-Fluorophenol
Concen: 120.853 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.018 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

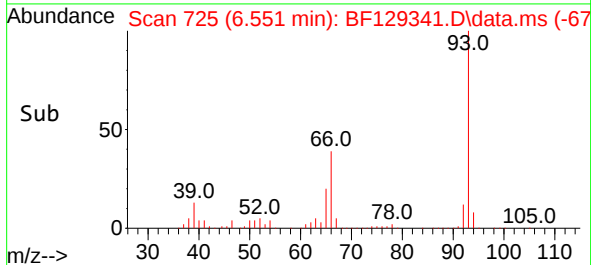
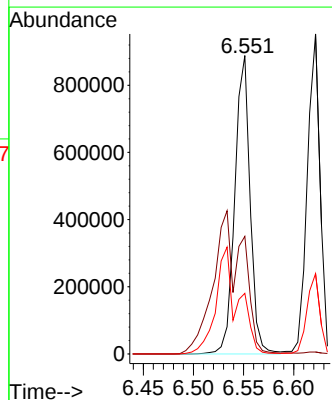
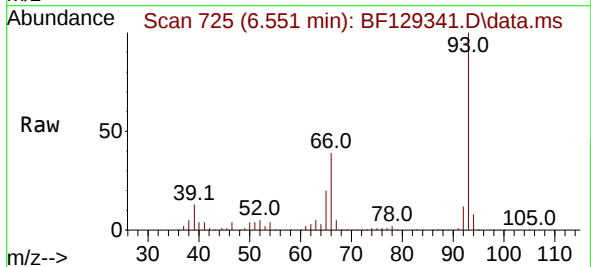
Instrument :
BNA_F
ClientSampleId :
PB146423BS

Tgt Ion:112 Resp: 2036781
Ion Ratio Lower Upper
112 100
64 62.1 53.3 79.9
63 32.0 28.0 42.0



#6
Aniline
Concen: 35.841 ng
RT: 6.551 min Scan# 725
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion: 93 Resp: 943865
Ion Ratio Lower Upper
93 100
66 39.4 32.5 48.7
65 20.3 16.4 24.6



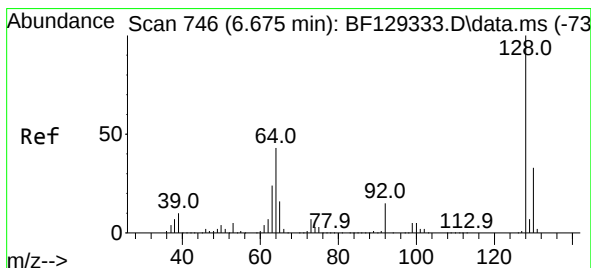
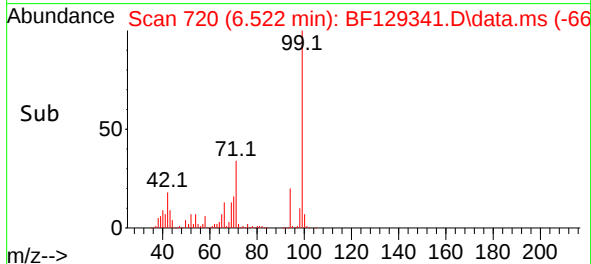
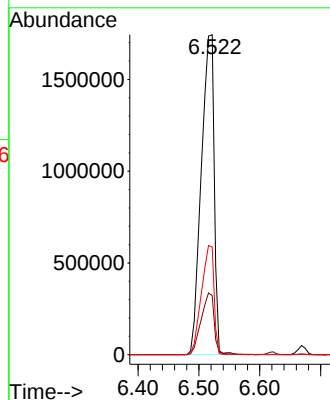
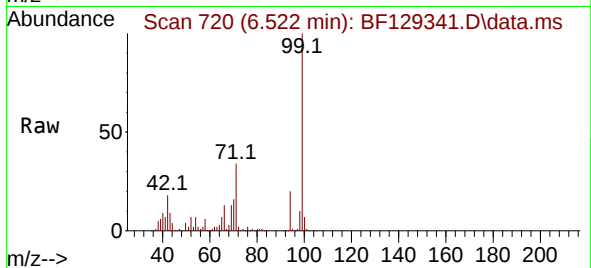


#7
Phenol-d6
Concen: 120.711 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Instrument :
BNA_F
ClientSampleId :
PB146423BS

Tgt Ion: 99 Resp: 2557102

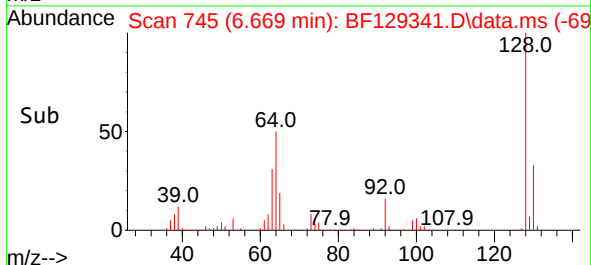
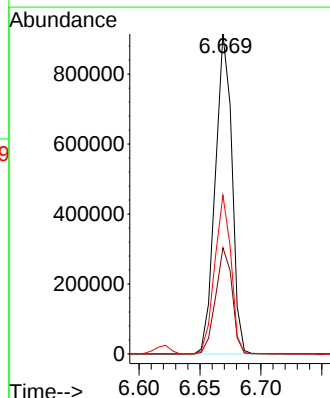
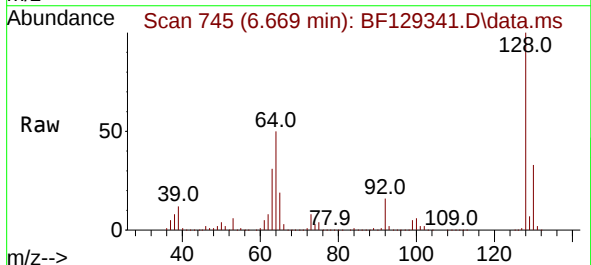
Ion	Ratio	Lower	Upper
99	100		
42	18.5	17.3	25.9
71	33.6	28.9	43.3

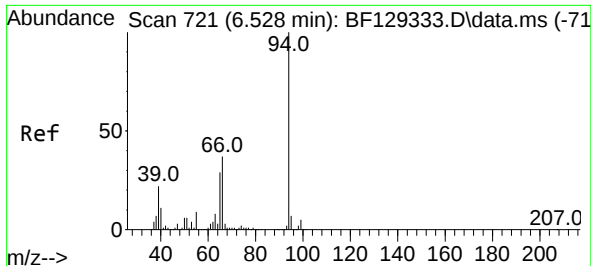


#8
2-Chlorophenol
Concen: 47.264 ng
RT: 6.669 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion: 128 Resp: 870249

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.1	53.1
64	49.6	30.9	70.9

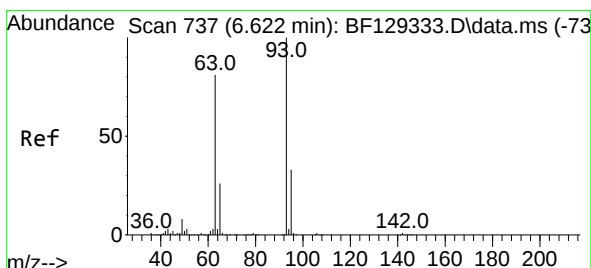
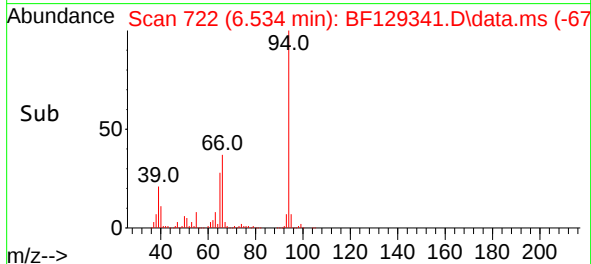
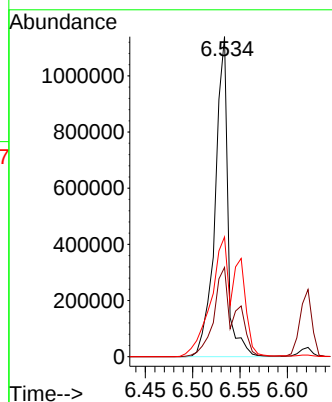
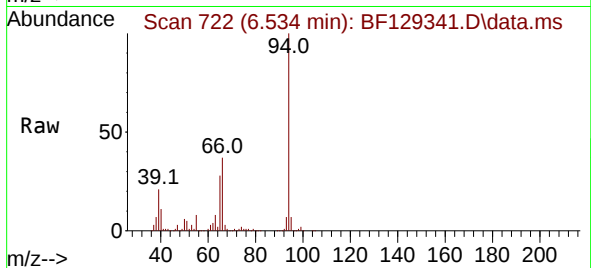




#10
Phenol
Concen: 47.300 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

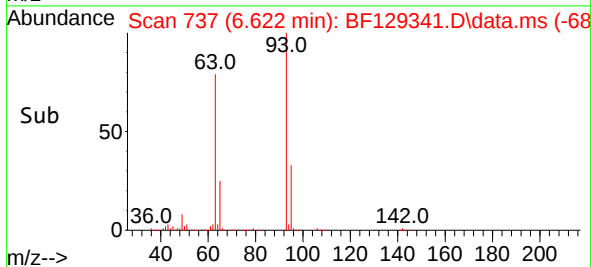
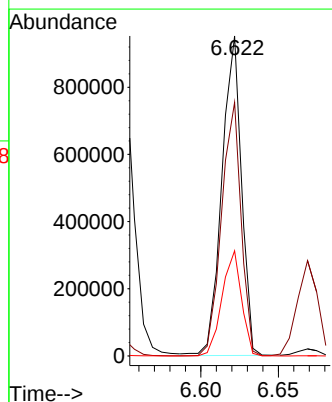
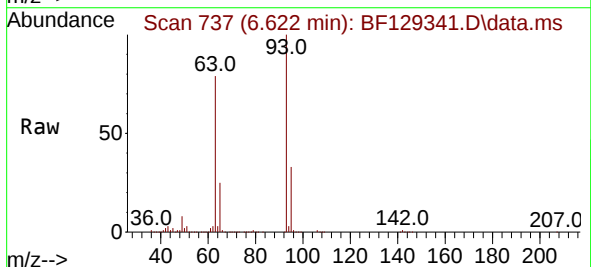
Instrument :
BNA_F
ClientSampleId :
PB146423BS

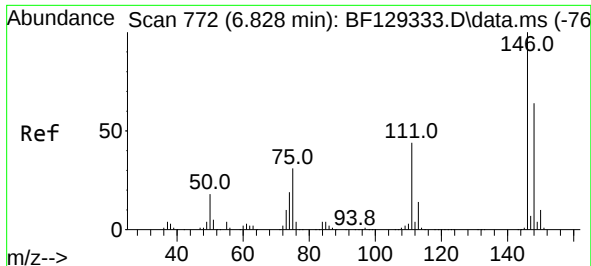
Tgt Ion: 94 Resp: 1067036
Ion Ratio Lower Upper
94 100
65 27.9 11.4 51.4
66 37.4 21.4 61.4



#11
bis(2-Chloroethyl)ether
Concen: 46.722 ng
RT: 6.622 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion: 93 Resp: 835881
Ion Ratio Lower Upper
93 100
63 79.3 67.4 107.4
95 32.9 12.7 52.7





#12

1,3-Dichlorobenzene

Concen: 44.222 ng

RT: 6.828 min Scan# 772

Delta R.T. -0.000 min

Lab File: BF129341.D

Acq: 25 Jul 2022 20:05

Instrument :

BNA_F

ClientSampleId :

PB146423BS

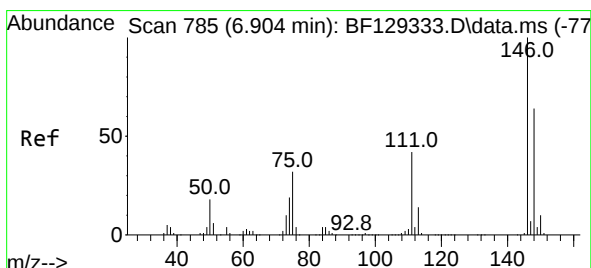
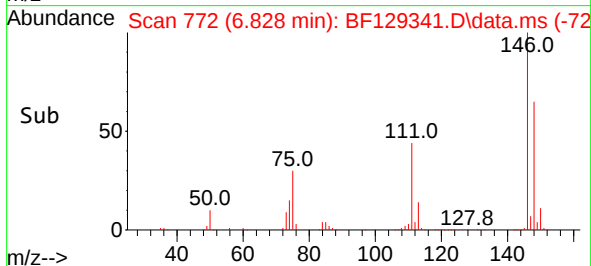
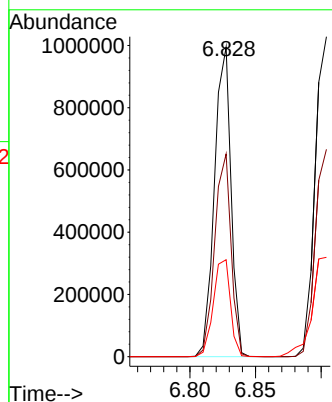
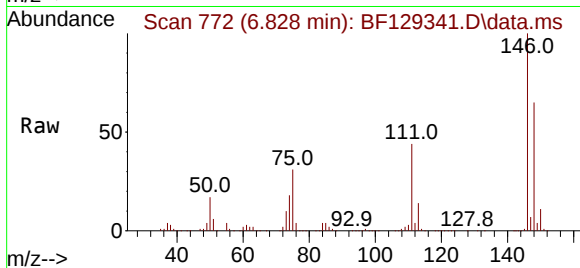
Tgt Ion:146 Resp: 873278

Ion Ratio Lower Upper

146 100

148 65.4 50.6 75.8

75 31.3 26.3 39.5



#13

1,4-Dichlorobenzene

Concen: 44.030 ng

RT: 6.904 min Scan# 785

Delta R.T. -0.000 min

Lab File: BF129341.D

Acq: 25 Jul 2022 20:05

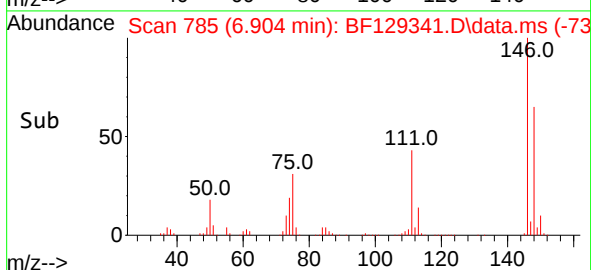
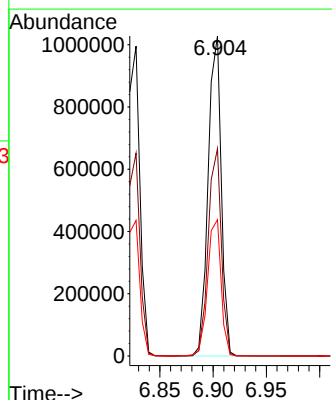
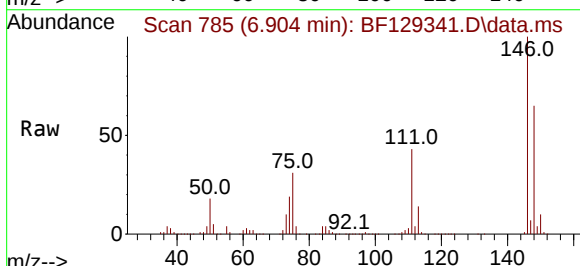
Tgt Ion:146 Resp: 884273

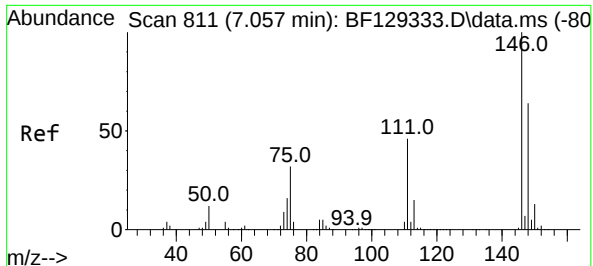
Ion Ratio Lower Upper

146 100

148 64.8 51.1 76.7

111 42.6 34.2 51.4

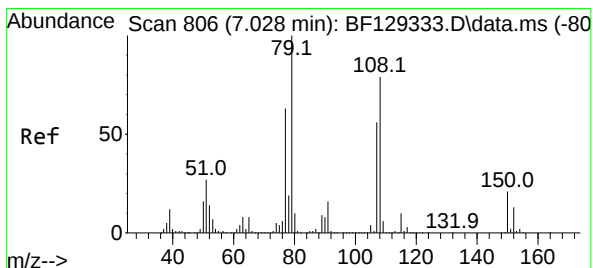
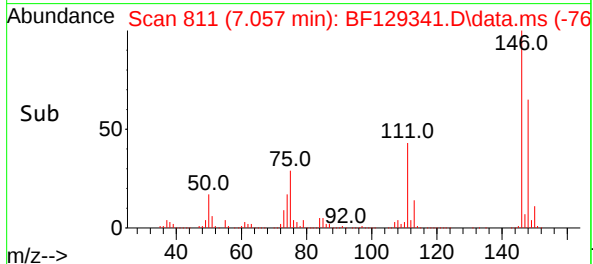
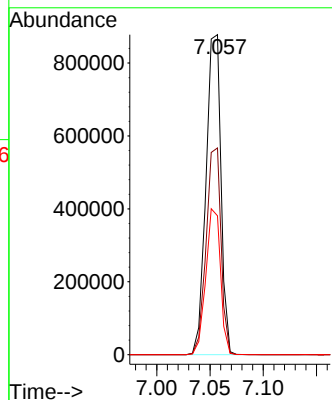
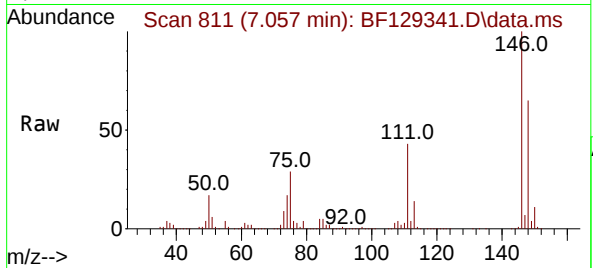




#14
1,2-Dichlorobenzene
Concen: 46.583 ng
RT: 7.057 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

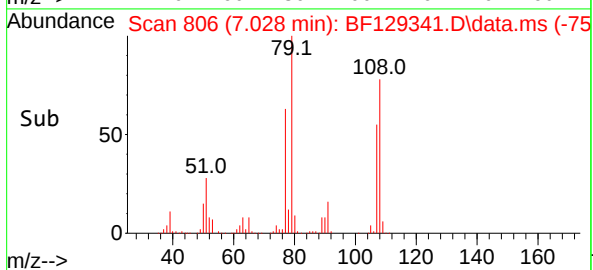
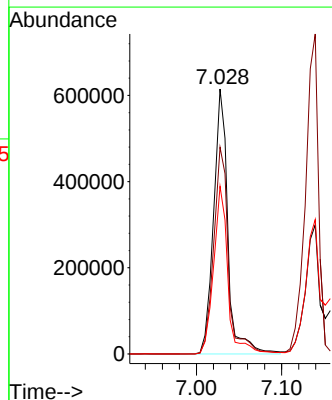
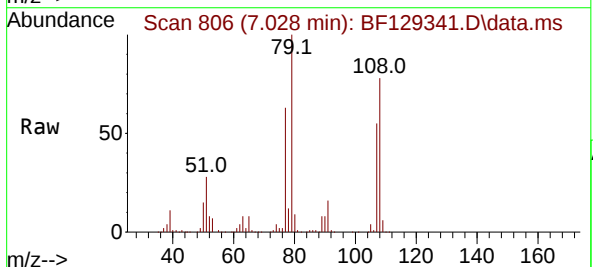
Instrument :
BNA_F
ClientSampleId :
PB146423BS

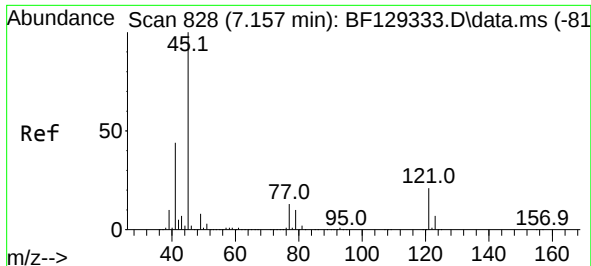
Tgt Ion:146 Resp: 859933
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.8
111 43.4 35.1 52.7



#15
Benzyl Alcohol
Concen: 46.650 ng
RT: 7.028 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion: 79 Resp: 716718
Ion Ratio Lower Upper
79 100
108 78.0 61.8 92.6
77 63.2 50.2 75.4

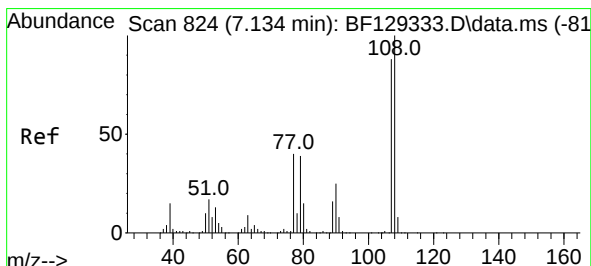
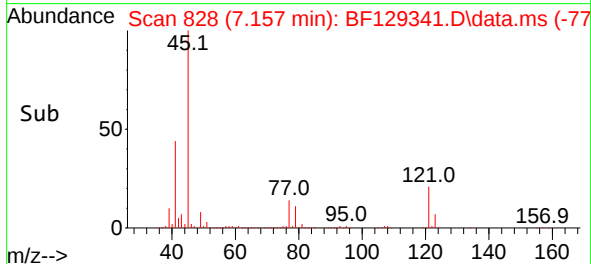
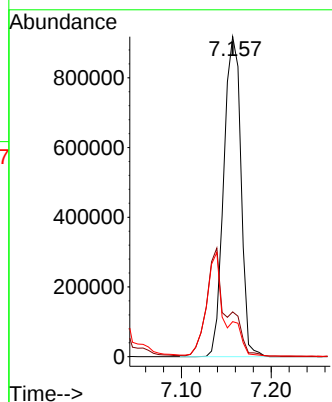
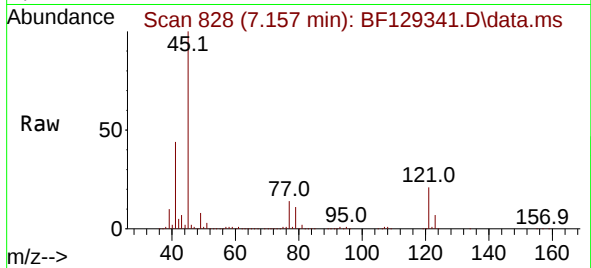




#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.312 ng
RT: 7.157 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

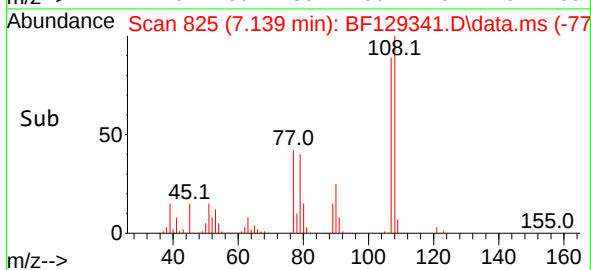
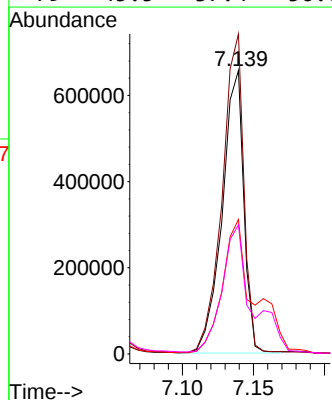
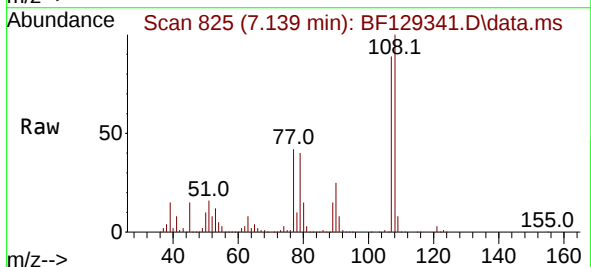
Instrument :
BNA_F
ClientSampleId :
PB146423BS

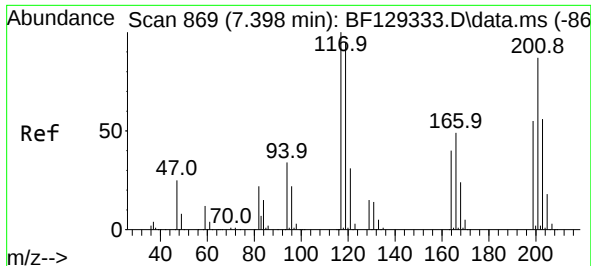
Tgt Ion: 45 Resp: 1218544
Ion Ratio Lower Upper
45 100
77 14.0 0.0 31.3
79 11.0 0.0 28.3



#17
2-Methylphenol
Concen: 45.314 ng
RT: 7.139 min Scan# 825
Delta R.T. 0.006 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

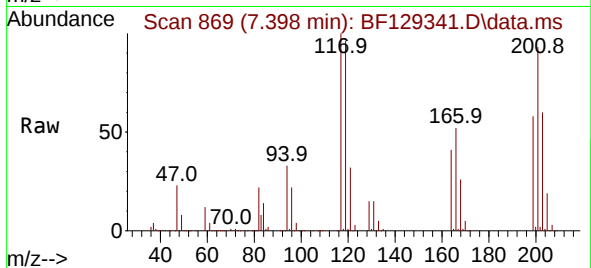
Tgt Ion:107 Resp: 692172
Ion Ratio Lower Upper
107 100
108 112.9 91.9 137.9
77 47.4 37.8 56.8
79 45.5 37.4 56.0



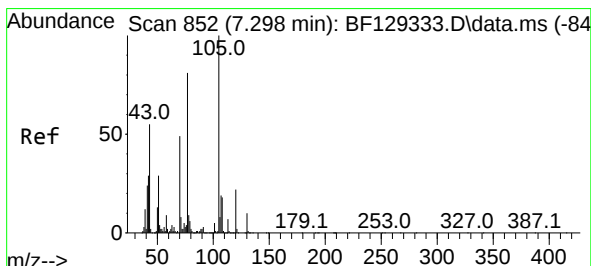
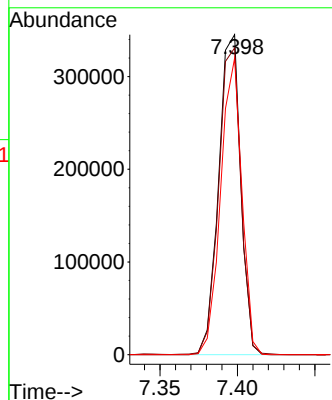
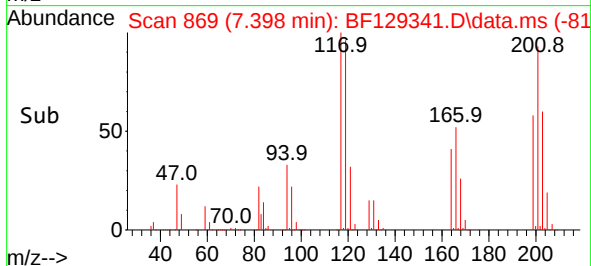


#18
Hexachloroethane
Concen: 45.250 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

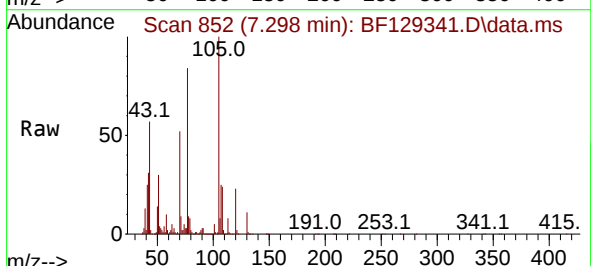
Instrument :
BNA_F
ClientSampleId :
PB146423BS



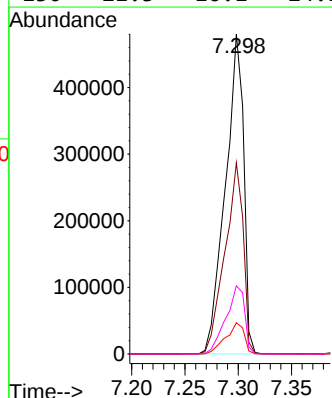
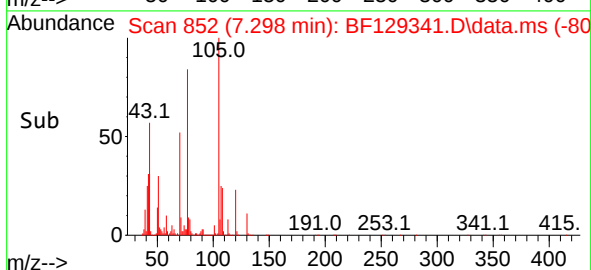
Tgt Ion:117 Resp: 342192
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.2
201 92.7 84.6 127.0

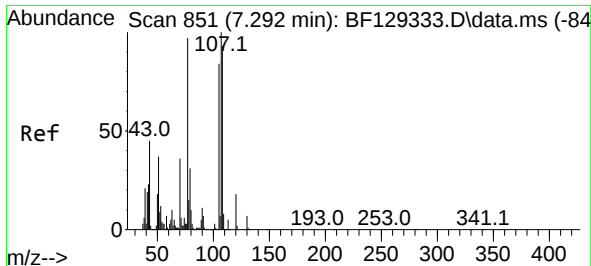


#19
n-Nitroso-di-n-propylamine
Concen: 44.588 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05



Tgt Ion: 70 Resp: 571814
Ion Ratio Lower Upper
70 100
42 59.8 52.3 78.5
101 9.7 7.5 11.3
130 21.3 16.1 24.1

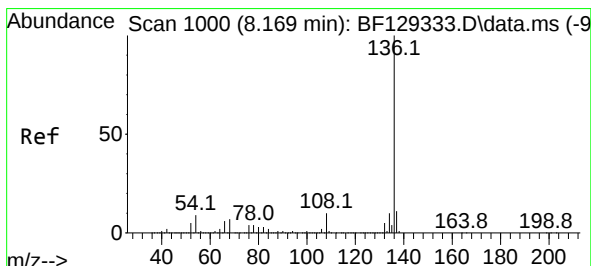
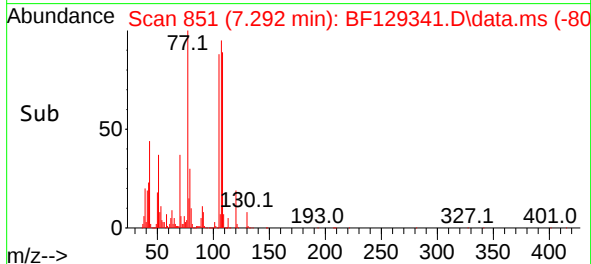
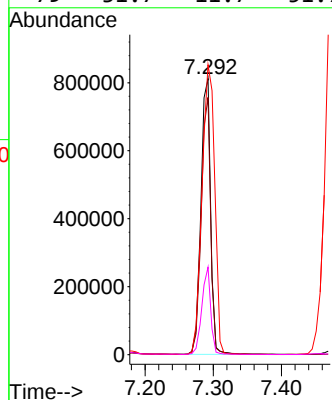
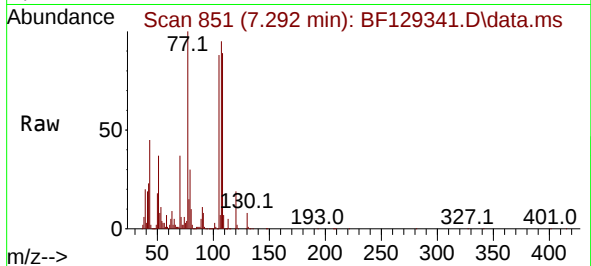




#20
3+4-Methylphenols
Concen: 41.494 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

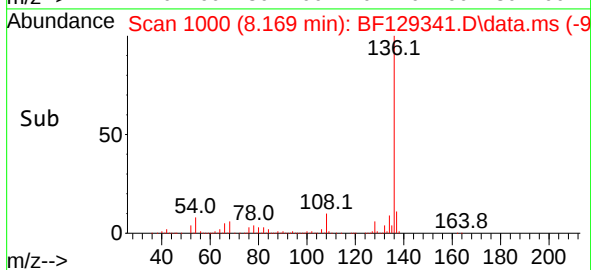
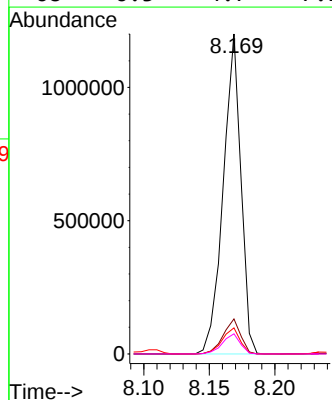
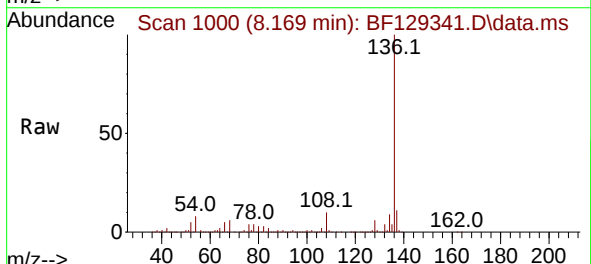
Instrument :
BNA_F
ClientSampleId :
PB146423BS

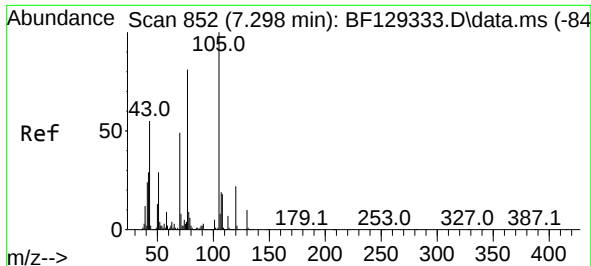
Tgt Ion:107	Resp: 805888
Ion Ratio	Lower Upper
107	100
108	93.1 71.8 111.8
77	105.0 59.3 99.3#
79	31.7 11.7 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

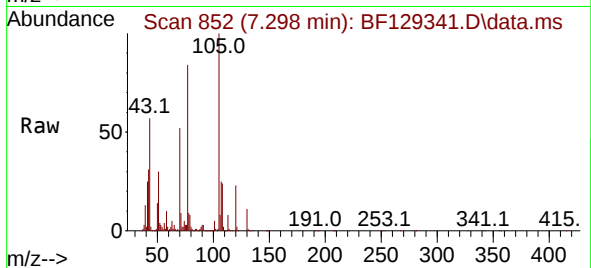
Tgt Ion:136	Resp: 1120939
Ion Ratio	Lower Upper
136	100
137	10.9 8.8 13.2
54	8.2 7.5 11.3
68	6.3 4.7 7.1



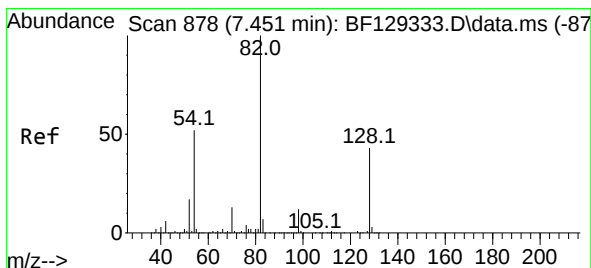
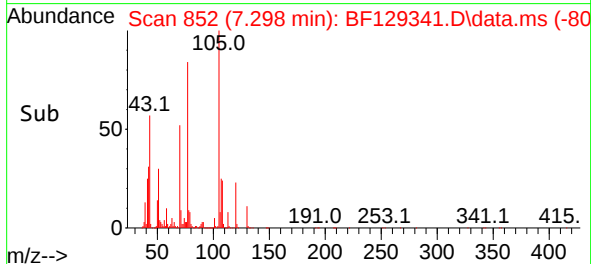
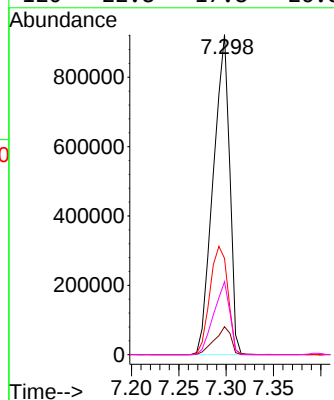


#22
Acetophenone
Concen: 42.635 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Instrument :
BNA_F
ClientSampleId :
PB146423BS

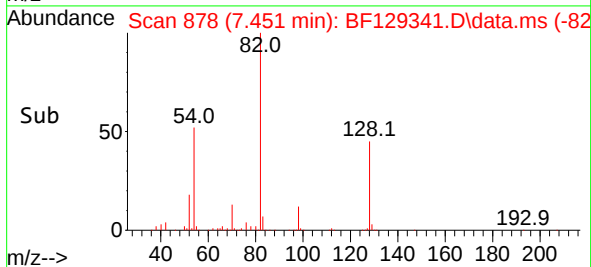
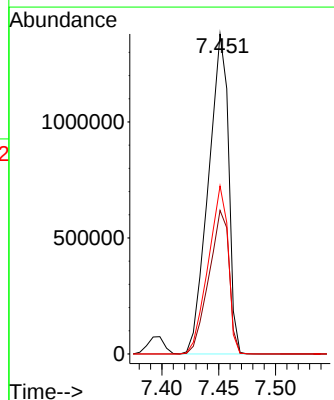
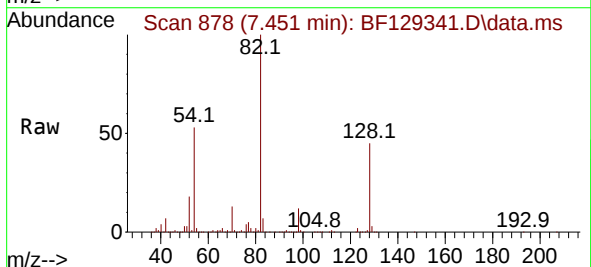


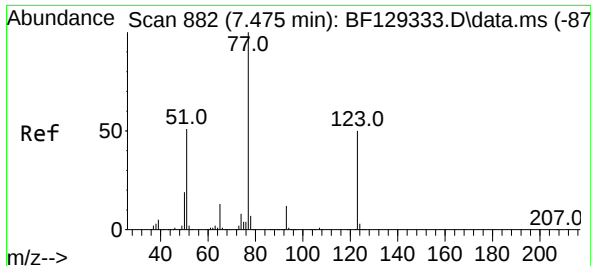
Tgt Ion:105 Resp: 1112674
Ion Ratio Lower Upper
105 100
71 8.7 5.0 7.4#
51 30.1 25.0 37.4
120 22.8 17.8 26.8



#23
Nitrobenzene-d5
Concen: 82.763 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion: 82 Resp: 1699491
Ion Ratio Lower Upper
82 100
128 44.8 34.0 51.0
54 52.5 46.9 70.3

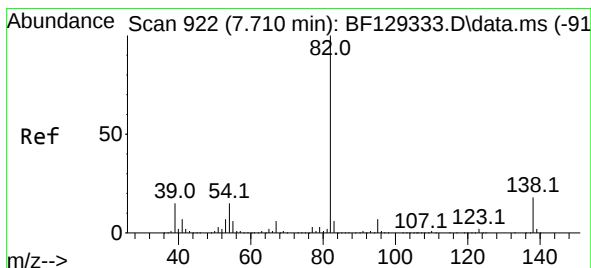
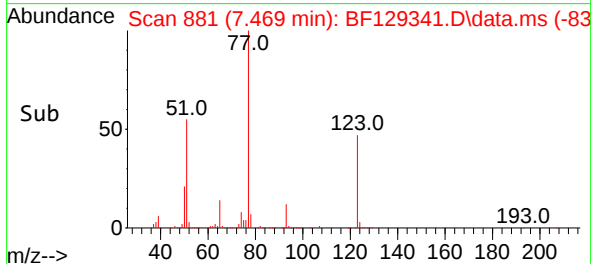
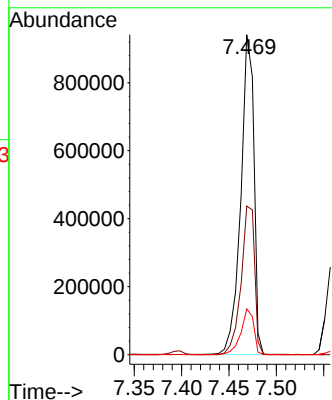
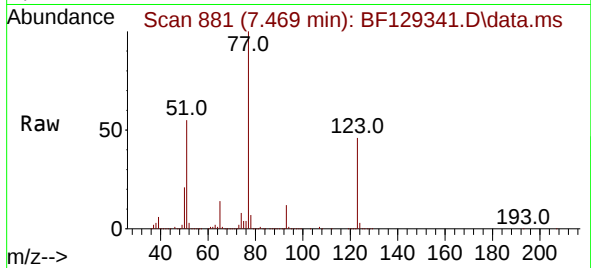




#24
Nitrobenzene
Concen: 42.822 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

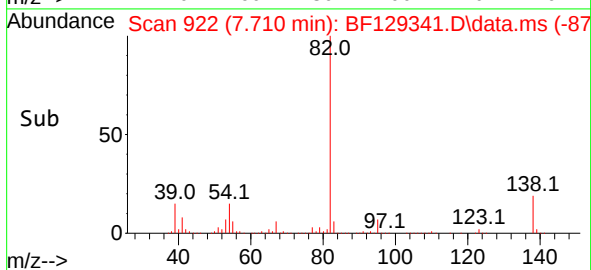
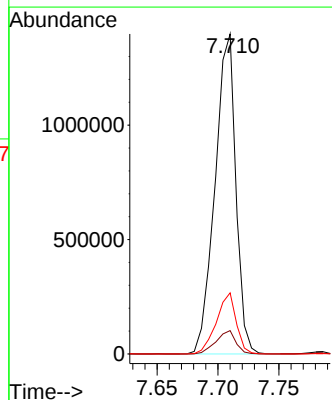
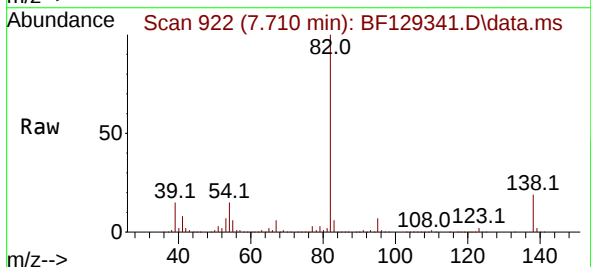
Instrument :
BNA_F
ClientSampleId :
PB146423BS

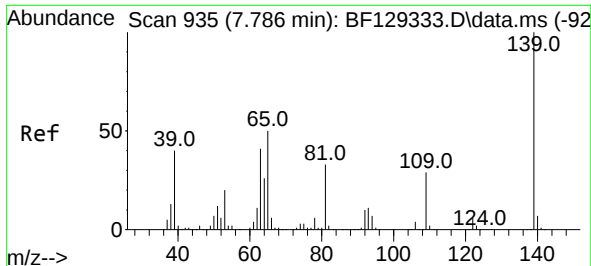
Tgt Ion: 77 Resp: 905486
Ion Ratio Lower Upper
77 100
123 46.5 35.4 53.2
65 14.3 11.8 17.8



#25
Isophorone
Concen: 45.255 ng
RT: 7.710 min Scan# 922
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion: 82 Resp: 1665731
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 19.1 14.2 21.2

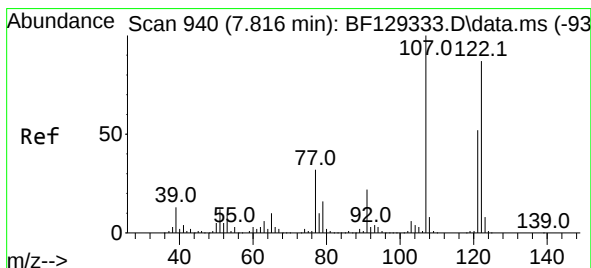
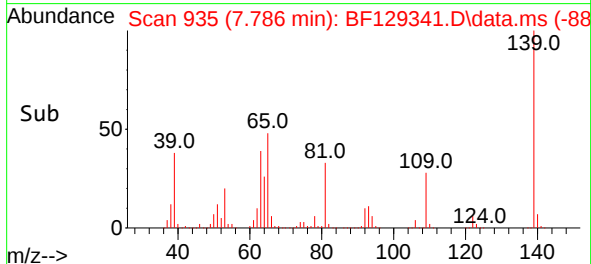
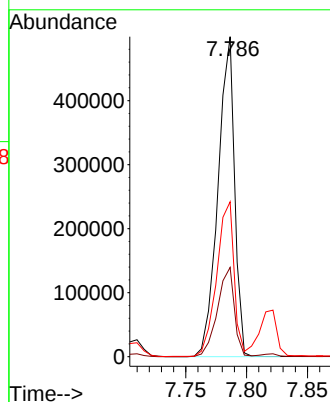
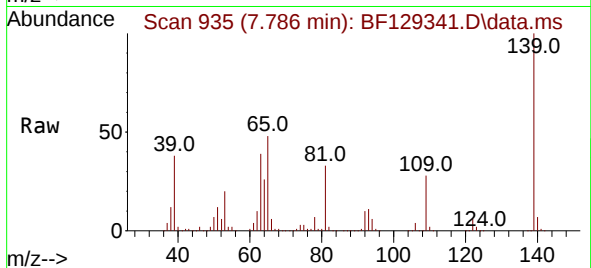




#26
2-Nitrophenol
Concen: 45.558 ng
RT: 7.786 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

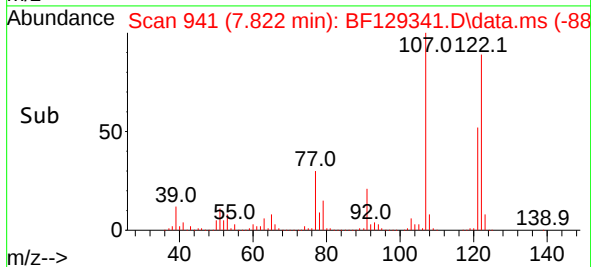
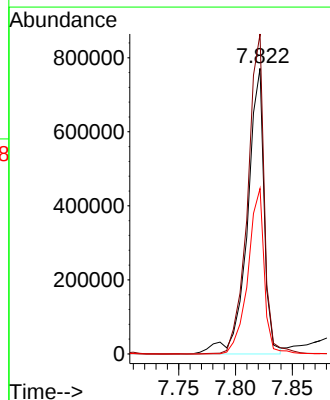
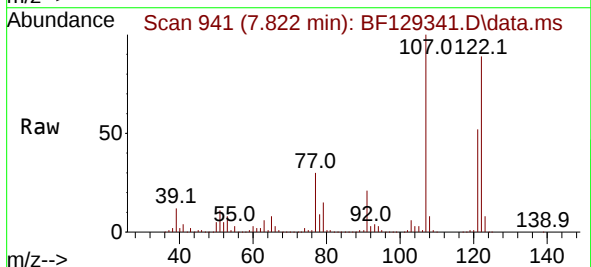
Instrument :
BNA_F
ClientSampleId :
PB146423BS

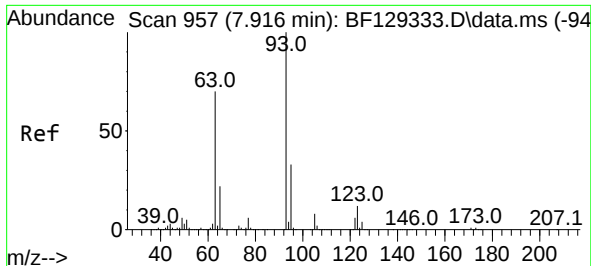
Tgt Ion:139 Resp: 475244
Ion Ratio Lower Upper
139 100
109 27.9 25.0 37.4
65 48.4 45.1 67.7



#27
2,4-Dimethylphenol
Concen: 50.614 ng
RT: 7.822 min Scan# 941
Delta R.T. 0.006 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion:122 Resp: 791991
Ion Ratio Lower Upper
122 100
107 112.0 93.0 139.6
121 57.9 46.6 70.0

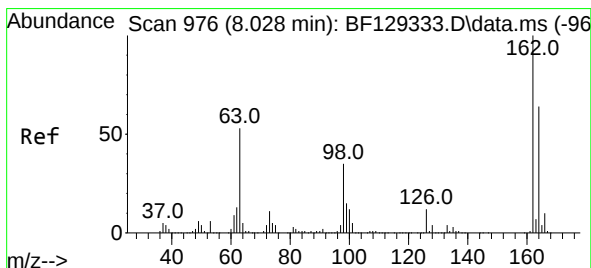
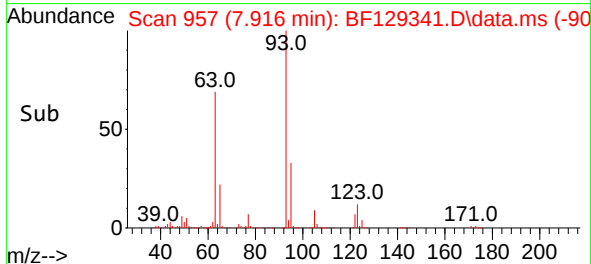
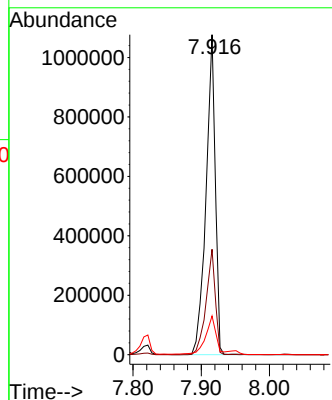
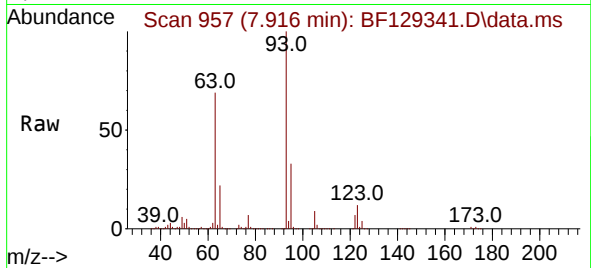




#28
bis(2-Chloroethoxy)methane
Concen: 47.931 ng
RT: 7.916 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

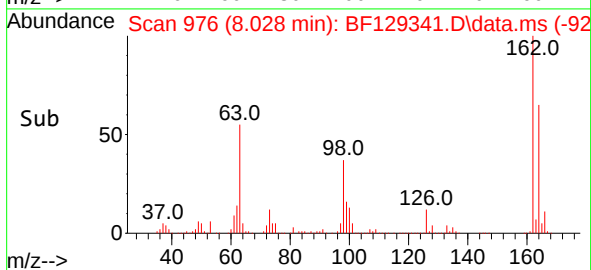
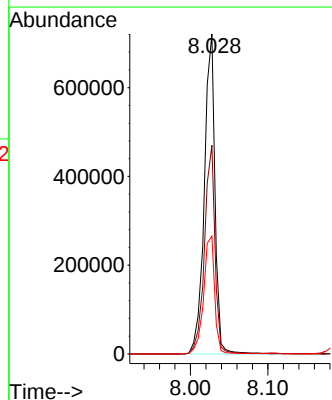
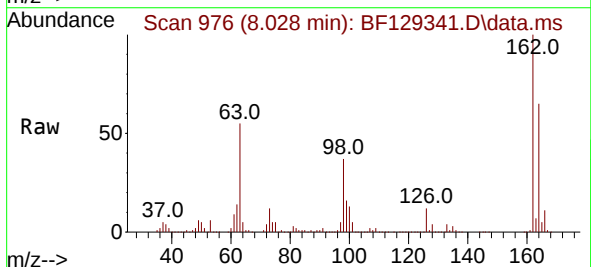
Instrument :
BNA_F
ClientSampleId :
PB146423BS

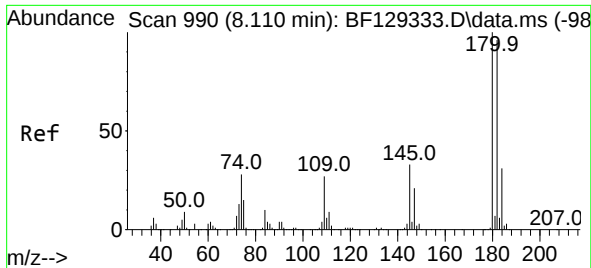
Tgt Ion: 93 Resp: 1023445
Ion Ratio Lower Upper
93 100
95 33.0 26.8 40.2
123 12.1 9.2 13.8



#29
2,4-Dichlorophenol
Concen: 42.936 ng
RT: 8.028 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion:162 Resp: 693432
Ion Ratio Lower Upper
162 100
164 65.2 44.2 84.2
98 36.8 19.6 59.6

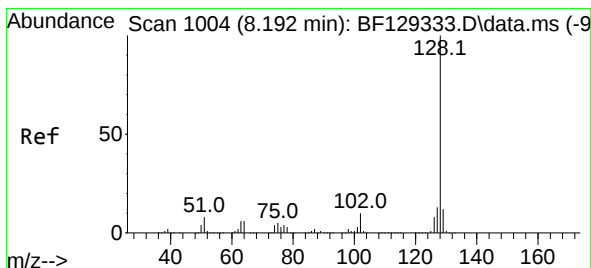
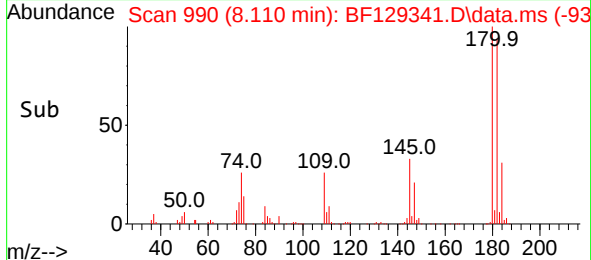
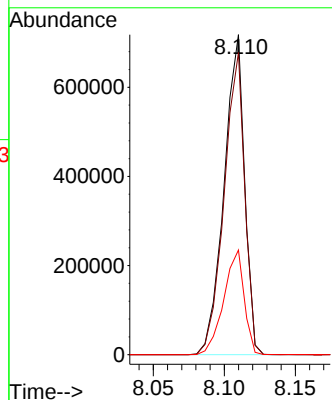
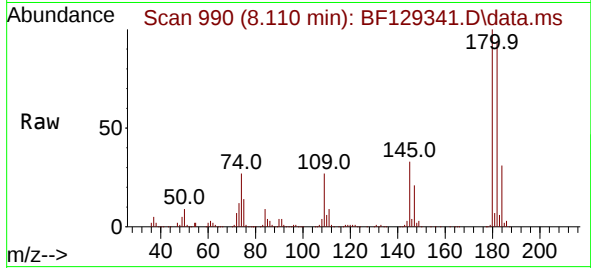




#30
1,2,4-Trichlorobenzene
Concen: 43.090 ng
RT: 8.110 min Scan# 990
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

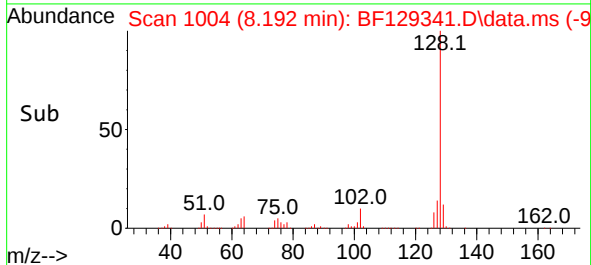
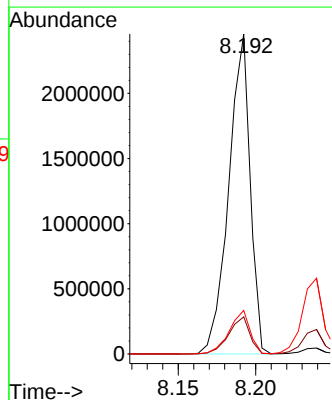
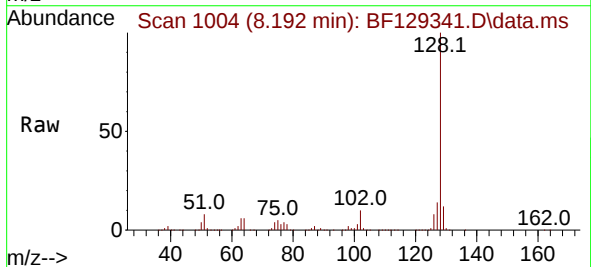
Instrument :
BNA_F
ClientSampleId :
PB146423BS

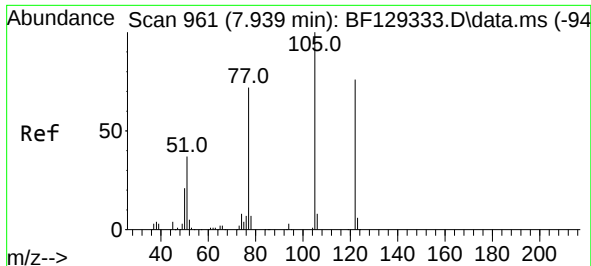
Tgt Ion:180 Resp: 720337
Ion Ratio Lower Upper
180 100
182 94.4 79.2 118.8
145 32.7 26.2 39.2



#31
Naphthalene
Concen: 41.380 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion:128 Resp: 2356616
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.6 10.5 15.7

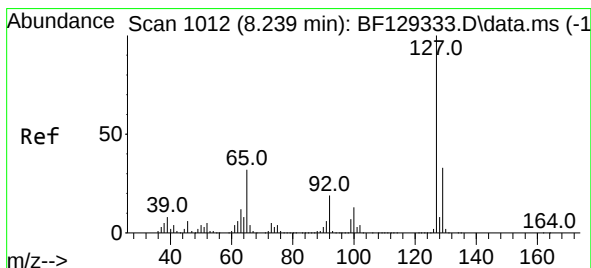
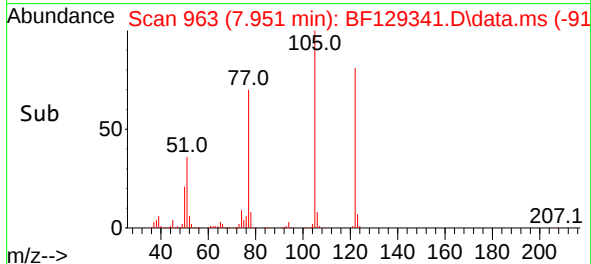
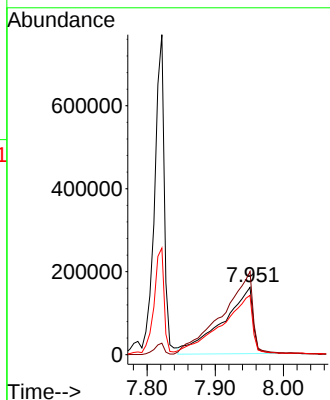
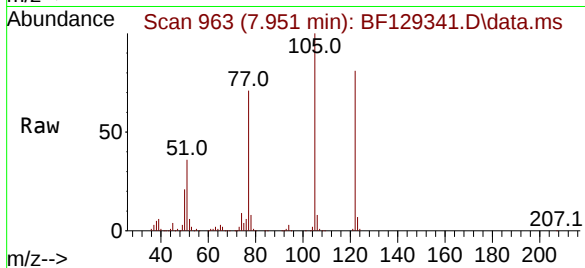




#32
Benzoic acid
Concen: 44.017 ng
RT: 7.951 min Scan# 963
Delta R.T. 0.012 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

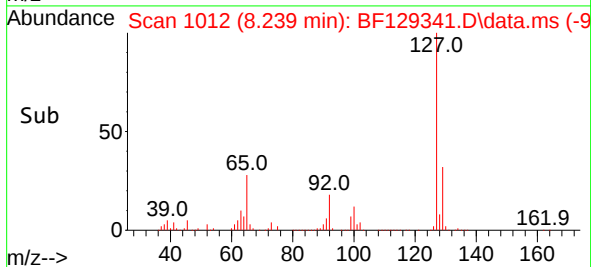
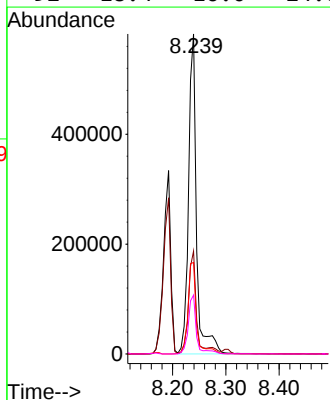
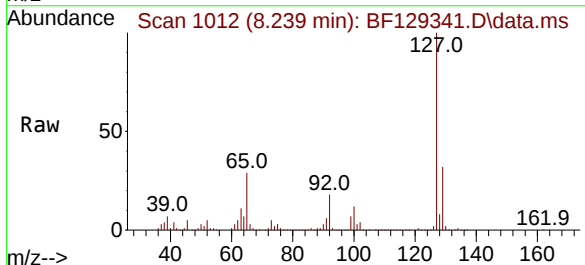
Instrument :
BNA_F
ClientSampleId :
PB146423BS

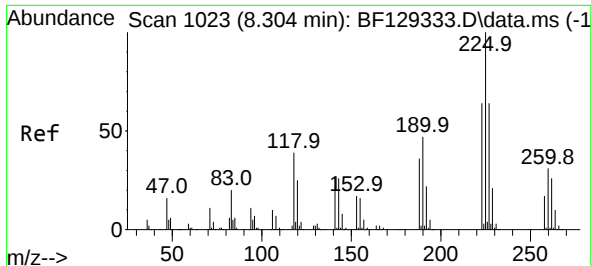
Tgt Ion:122 Resp: 497928
Ion Ratio Lower Upper
122 100
105 123.3 107.1 147.1
77 88.0 74.2 114.2



#33
4-Chloroaniline
Concen: 26.016 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion:127 Resp: 608289
Ion Ratio Lower Upper
127 100
129 32.2 26.4 39.6
65 28.6 26.4 39.6
92 18.4 16.0 24.0

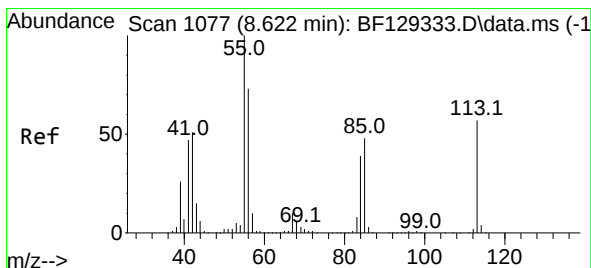
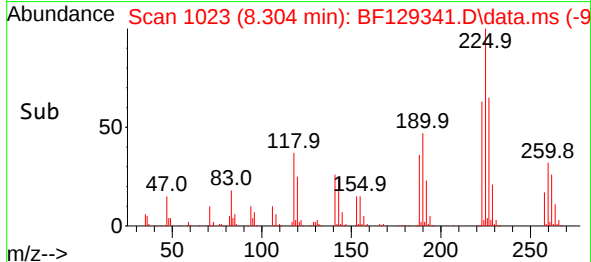
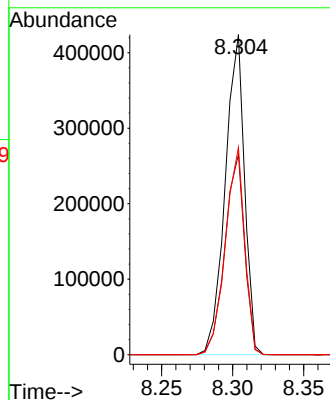
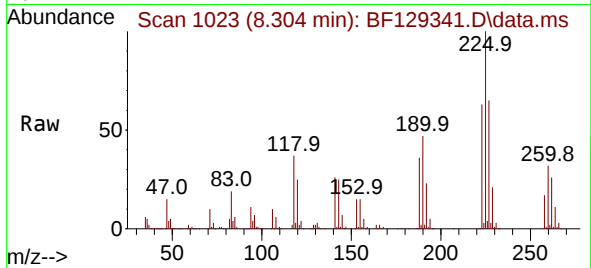




#34
Hexachlorobutadiene
Concen: 42.129 ng
RT: 8.304 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

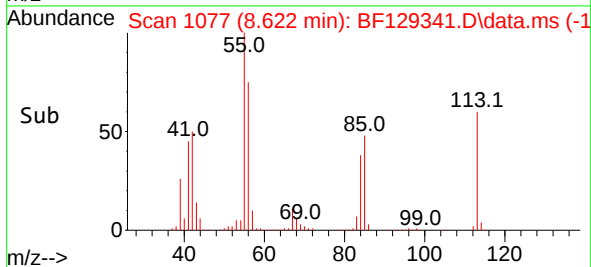
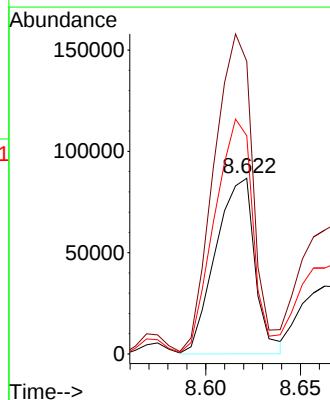
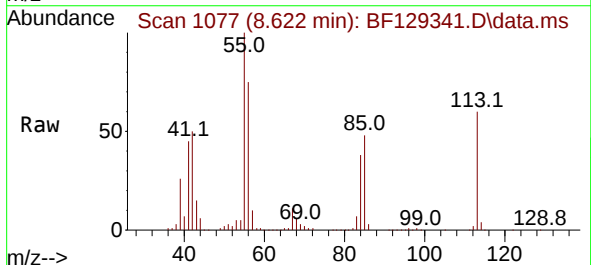
Instrument :
BNA_F
ClientSampleId :
PB146423BS

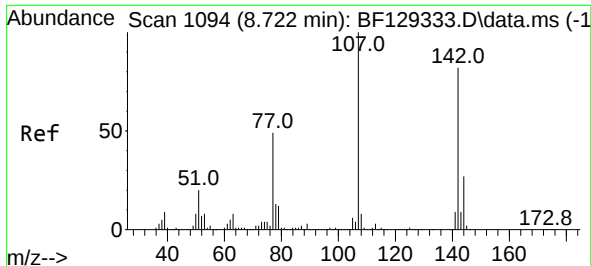
Tgt Ion:225 Resp: 400327
Ion Ratio Lower Upper
225 100
223 62.6 51.0 76.6
227 64.8 51.1 76.7



#35
Caprolactam
Concen: 23.796 ng
RT: 8.622 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion:113 Resp: 124945
Ion Ratio Lower Upper
113 100
55 166.6 188.5 228.5#
56 124.3 130.6 170.6#

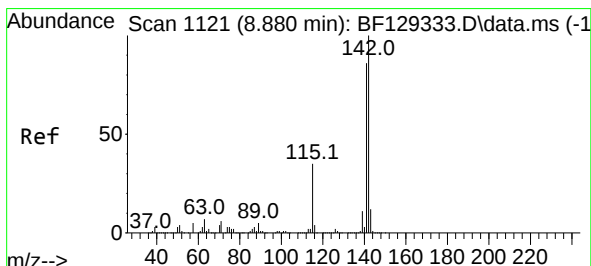
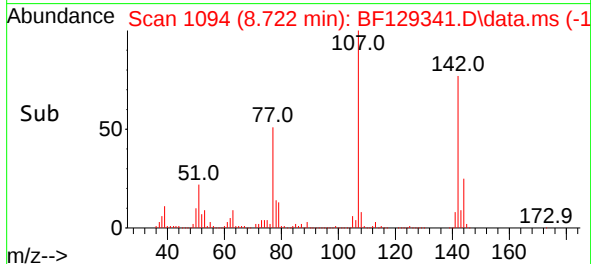
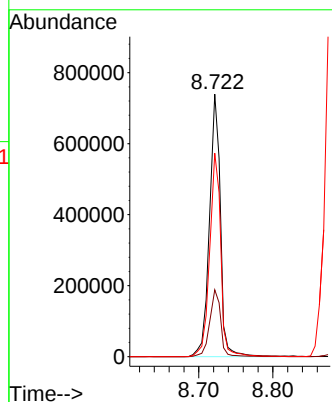
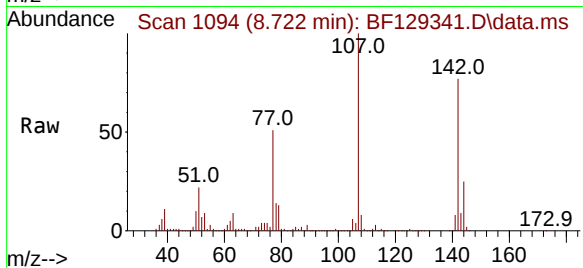




#36
 4-Chloro-3-methylphenol
 Concen: 44.301 ng
 RT: 8.722 min Scan# 1094
 Delta R.T. -0.000 min
 Lab File: BF129341.D
 Acq: 25 Jul 2022 20:05

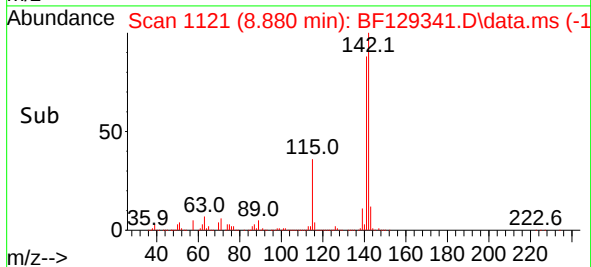
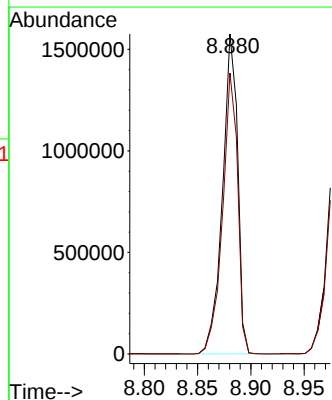
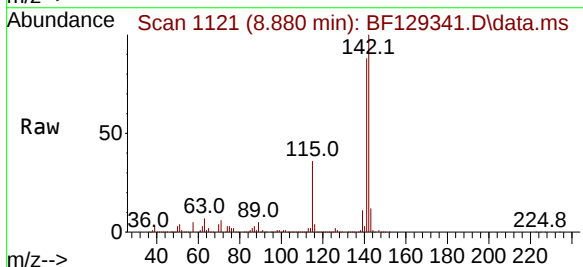
Instrument :
 BNA_F
 ClientSampleId :
 PB146423BS

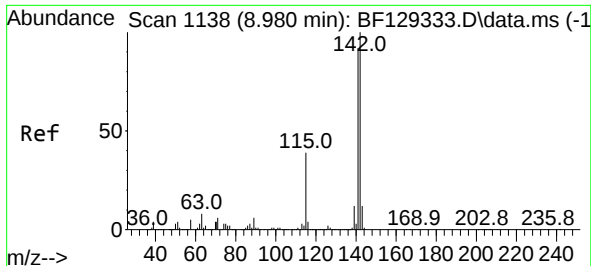
Tgt Ion:107 Resp: 758853
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.5 29.3
 142 77.5 58.2 87.4



#37
 2-Methylnaphthalene
 Concen: 41.926 ng
 RT: 8.880 min Scan# 1121
 Delta R.T. -0.000 min
 Lab File: BF129341.D
 Acq: 25 Jul 2022 20:05

Tgt Ion:142 Resp: 1551655
 Ion Ratio Lower Upper
 142 100
 141 87.8 71.0 106.4

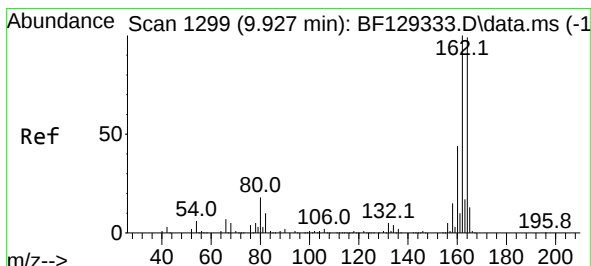
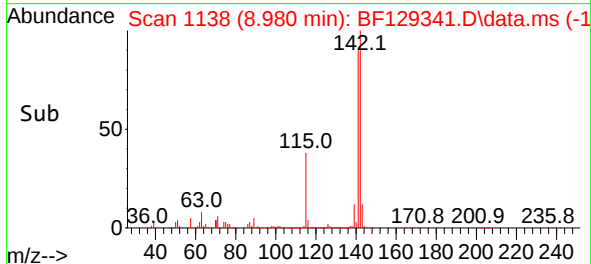
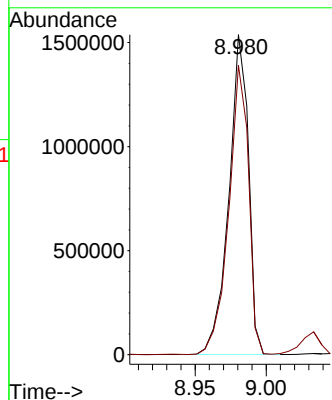
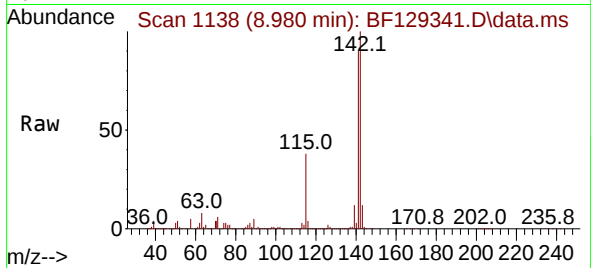




#38
1-Methylnaphthalene
Concen: 41.200 ng
RT: 8.980 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

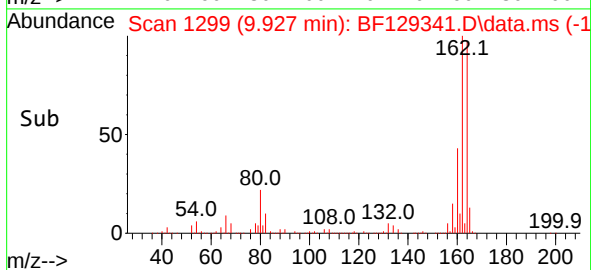
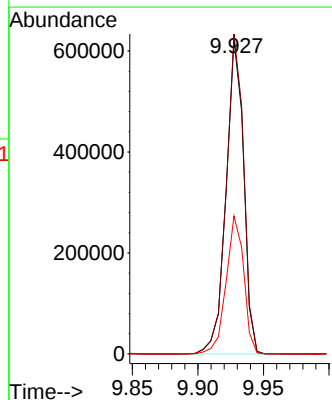
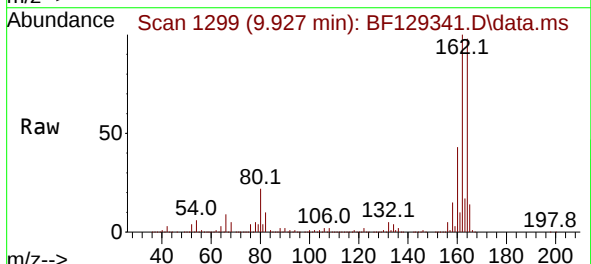
Instrument :
BNA_F
ClientSampleId :
PB146423BS

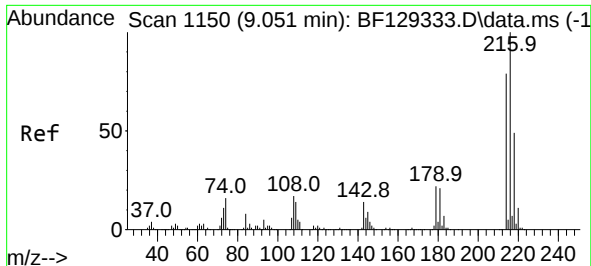
Tgt Ion:142 Resp: 1471967
Ion Ratio Lower Upper
142 100
141 90.4 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion:164 Resp: 578615
Ion Ratio Lower Upper
164 100
162 101.9 79.5 119.3
160 43.9 34.2 51.4

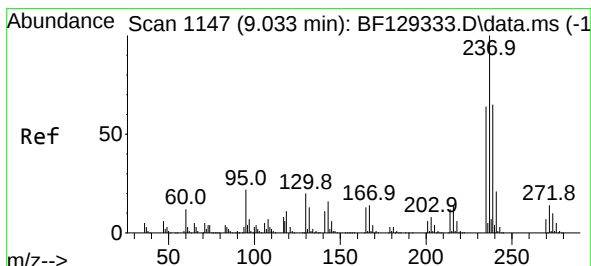
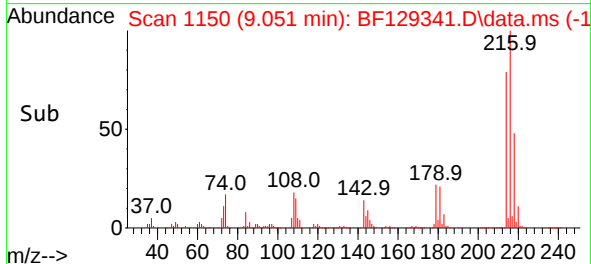
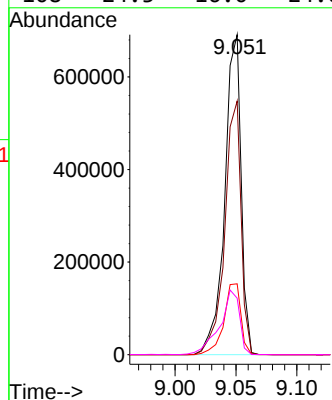
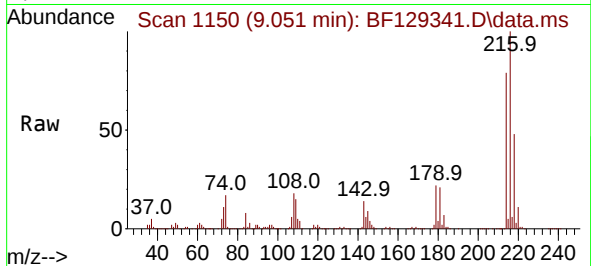




#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.717 ng
RT: 9.051 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

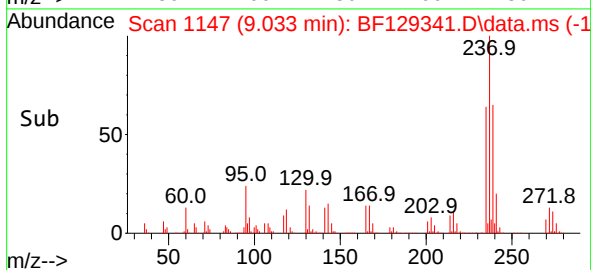
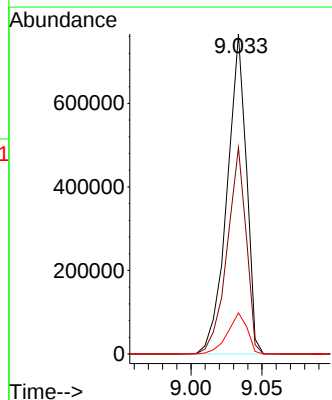
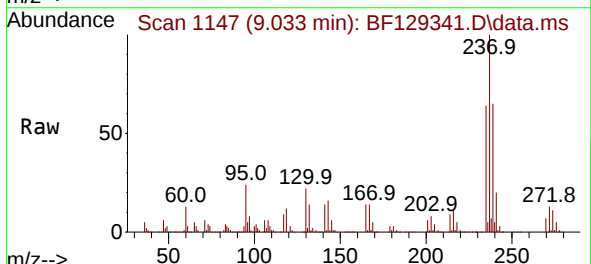
Instrument :
BNA_F
ClientSampleId :
PB146423BS

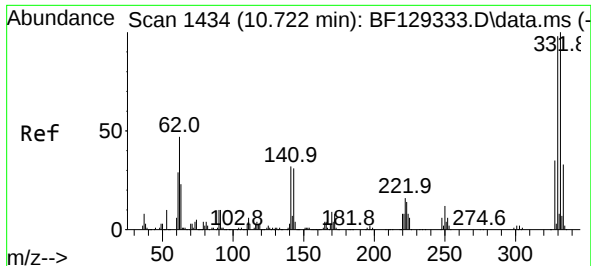
Tgt Ion:216 Resp: 649003
Ion Ratio Lower Upper
216 100
214 79.0 63.6 95.4
179 23.1 17.0 25.6
108 24.3 16.0 24.0#



#41
Hexachlorocyclopentadiene
Concen: 106.881 ng
RT: 9.033 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion:237 Resp: 723091
Ion Ratio Lower Upper
237 100
235 64.5 43.2 83.2
272 12.9 0.0 31.9





#42

2,4,6-Tribromophenol

Concen: 121.531 ng

RT: 10.721 min Scan# 1434

Delta R.T. -0.000 min

Lab File: BF129341.D

Acq: 25 Jul 2022 20:05

Instrument :

BNA_F

ClientSampleId :

PB146423BS

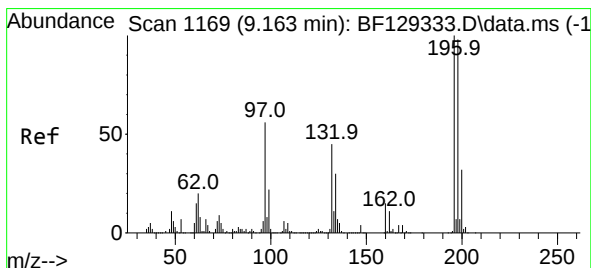
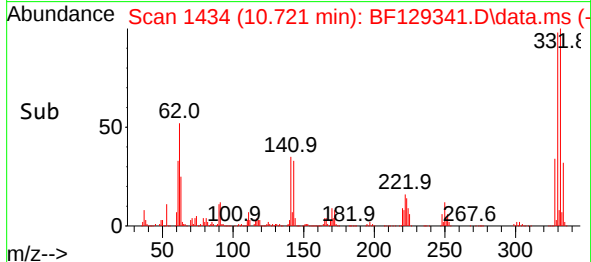
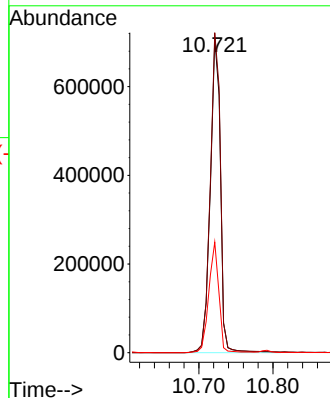
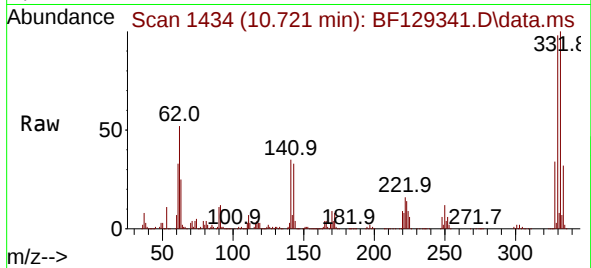
Tgt Ion:330 Resp: 676070

Ion Ratio Lower Upper

330 100

332 102.9 76.8 115.2

141 35.0 28.0 42.0



#43

2,4,6-Trichlorophenol

Concen: 43.383 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF129341.D

Acq: 25 Jul 2022 20:05

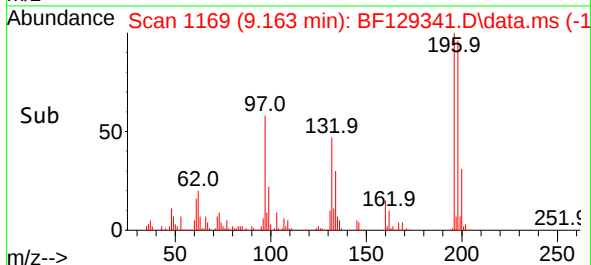
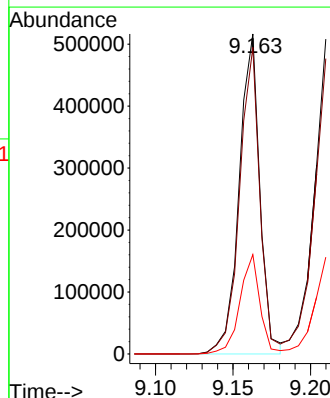
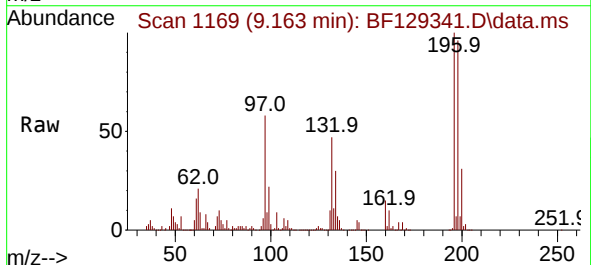
Tgt Ion:196 Resp: 478729

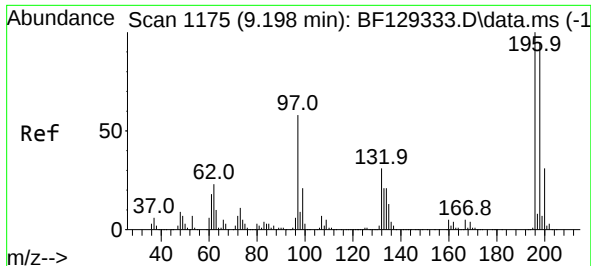
Ion Ratio Lower Upper

196 100

198 95.8 74.0 111.0

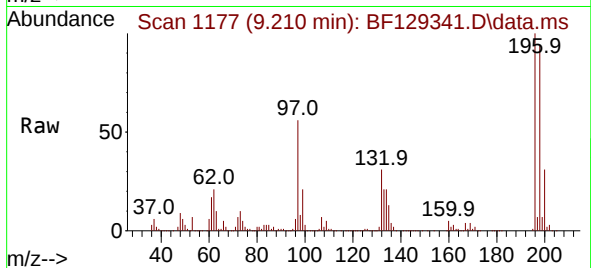
200 31.1 24.1 36.1



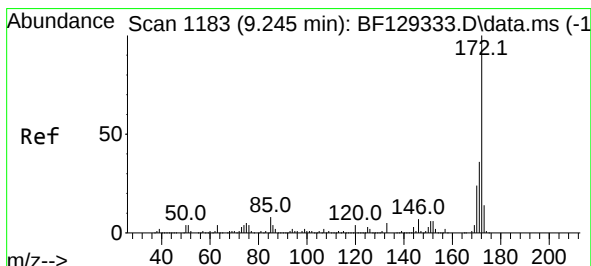
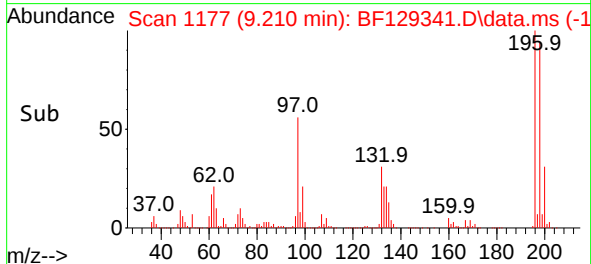
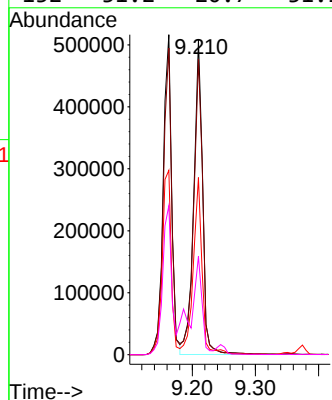


#44
2,4,5-Trichlorophenol
Concen: 41.938 ng
RT: 9.210 min Scan# 1177
Delta R.T. 0.012 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Instrument :
BNA_F
ClientSampleId :
PB146423BS

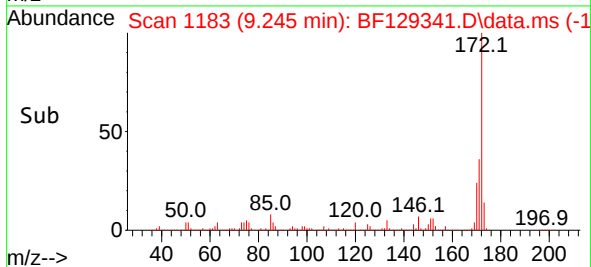
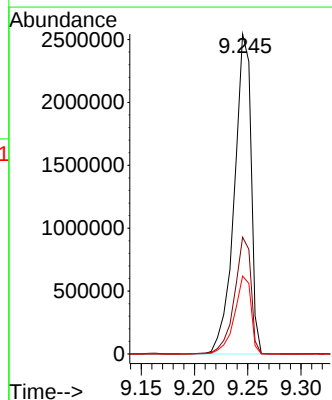
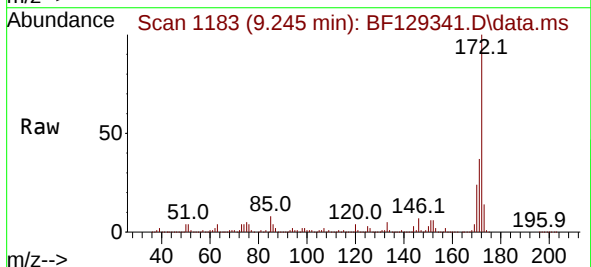


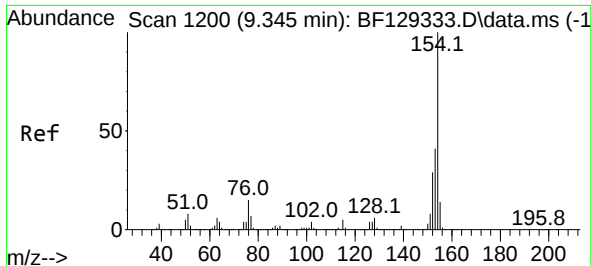
Tgt Ion:196 Resp: 503270
Ion Ratio Lower Upper
196 100
198 93.8 75.7 113.5
97 56.3 36.4 54.6#
132 31.2 20.7 31.1#



#45
2-Fluorobiphenyl
Concen: 74.415 ng
RT: 9.245 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion:172 Resp: 2783385
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 24.4 19.8 29.8

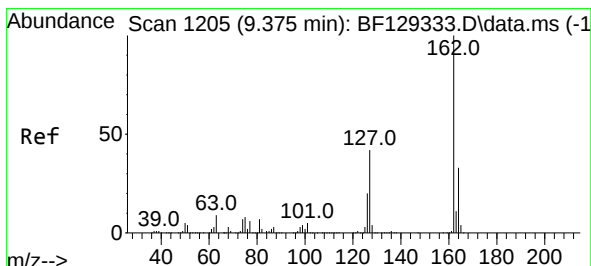
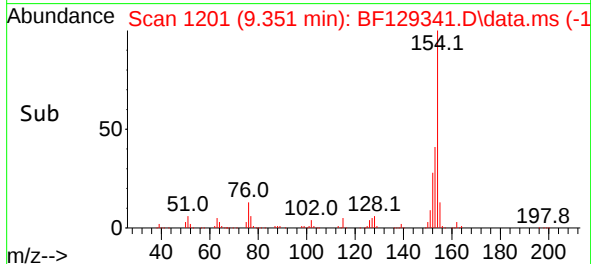
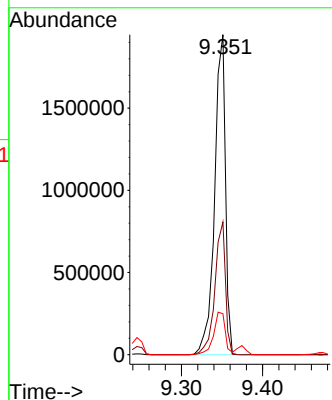
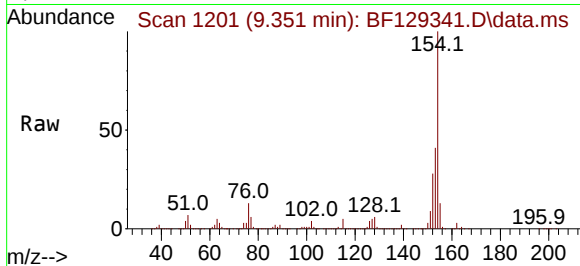




#46
1,1'-Biphenyl
Concen: 42.610 ng
RT: 9.351 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

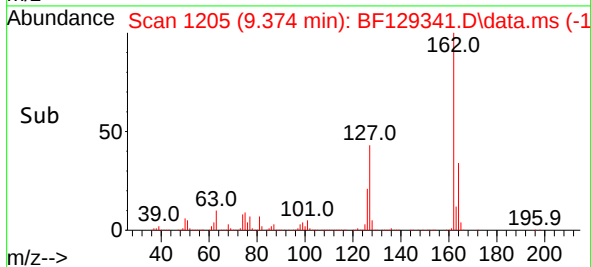
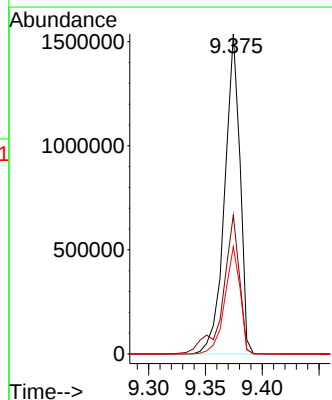
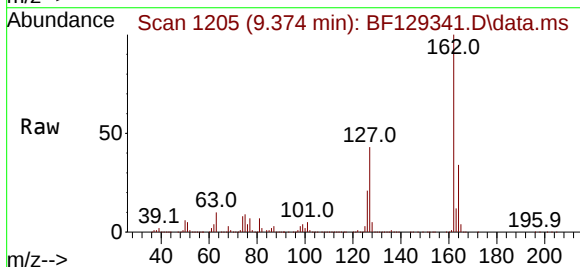
Instrument :
BNA_F
ClientSampleId :
PB146423BS

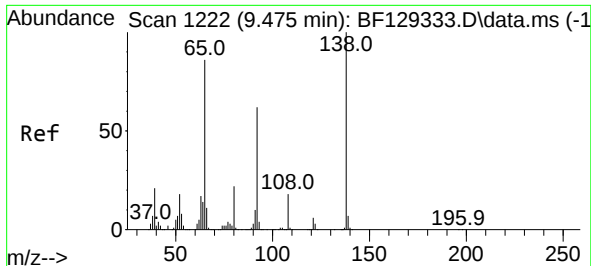
Tgt Ion:154 Resp: 1799298
Ion Ratio Lower Upper
154 100
153 41.4 20.6 60.6
76 12.8 0.0 33.3



#47
2-Chloronaphthalene
Concen: 42.219 ng
RT: 9.374 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion:162 Resp: 1441199
Ion Ratio Lower Upper
162 100
127 43.4 34.5 51.7
164 33.5 26.5 39.7

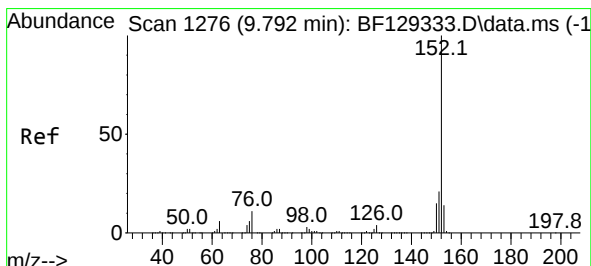
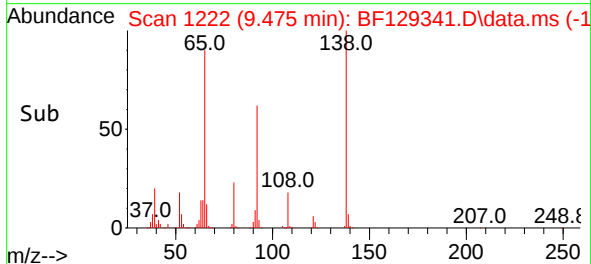
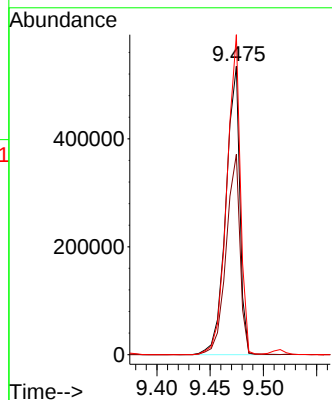
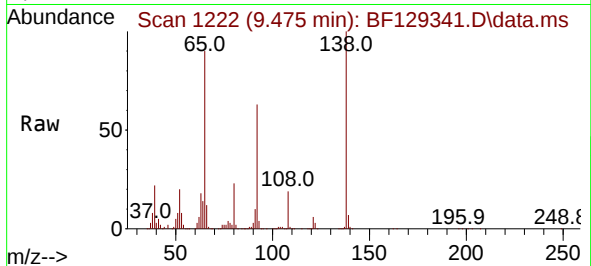




#48
2-Nitroaniline
Concen: 42.712 ng
RT: 9.475 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

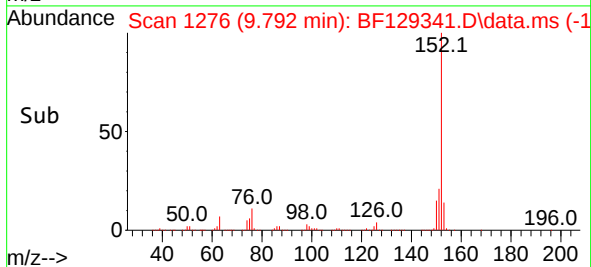
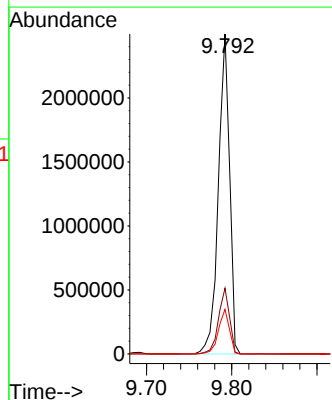
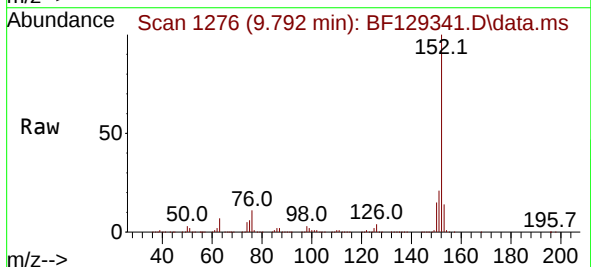
Instrument :
BNA_F
ClientSampleId :
PB146423BS

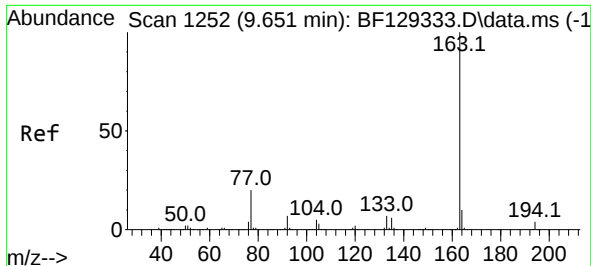
Tgt Ion: 65 Resp: 484834
Ion Ratio Lower Upper
65 100
92 69.4 51.9 77.9
138 110.9 76.4 114.6



#49
Acenaphthylene
Concen: 43.893 ng
RT: 9.792 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion: 152 Resp: 2276744
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.9 10.7 16.1

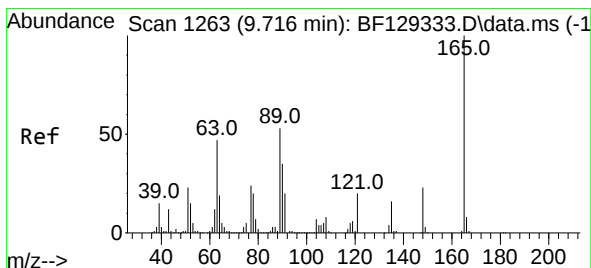
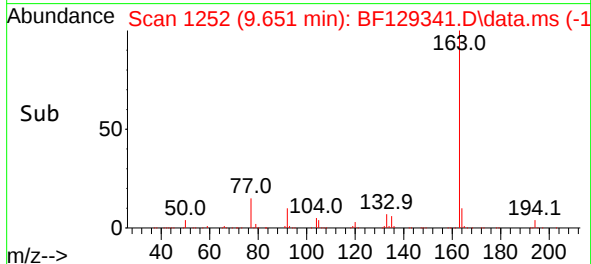
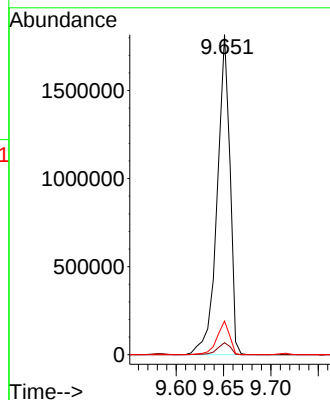
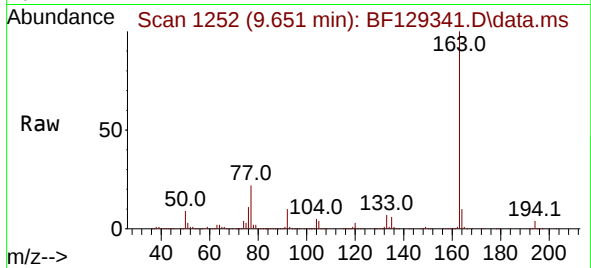




#50
 Dimethylphthalate
 Concen: 42.537 ng
 RT: 9.651 min Scan# 1252
 Delta R.T. -0.000 min
 Lab File: BF129341.D
 Acq: 25 Jul 2022 20:05

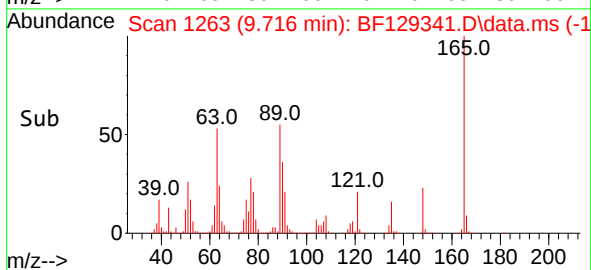
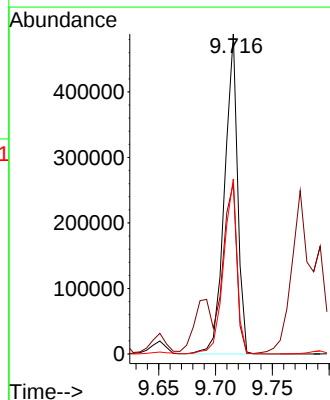
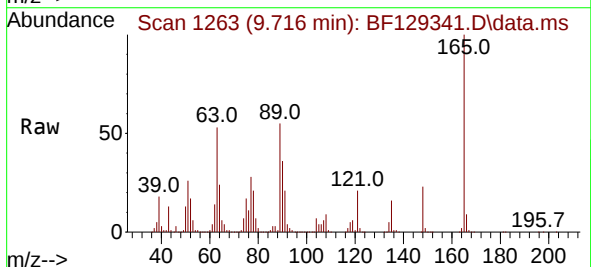
Instrument :
 BNA_F
 ClientSampleId :
 PB146423BS

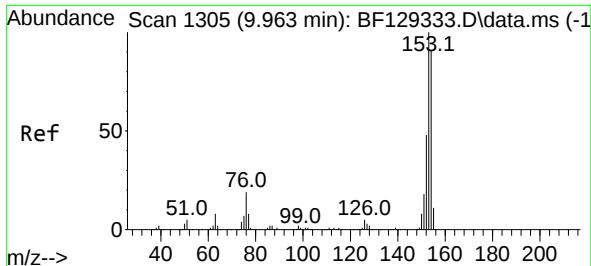
Tgt Ion:163 Resp: 1699094
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.2 4.8
 164 10.5 8.2 12.2



#51
 2,6-Dinitrotoluene
 Concen: 43.855 ng
 RT: 9.716 min Scan# 1263
 Delta R.T. -0.000 min
 Lab File: BF129341.D
 Acq: 25 Jul 2022 20:05

Tgt Ion:165 Resp: 392070
 Ion Ratio Lower Upper
 165 100
 63 53.3 44.9 67.3
 89 54.7 43.6 65.4

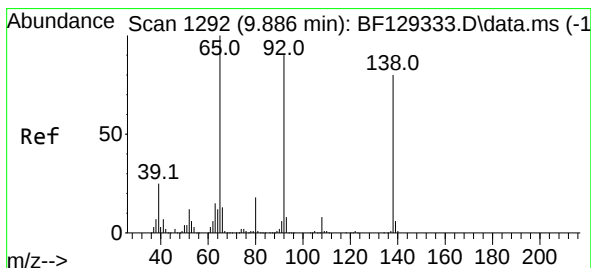
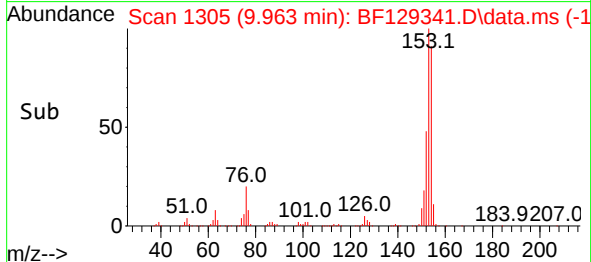
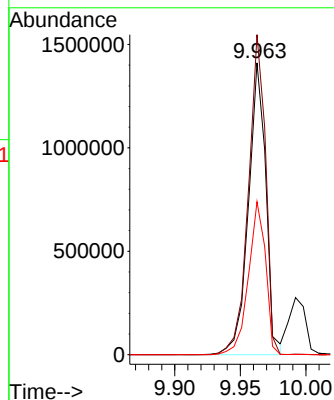
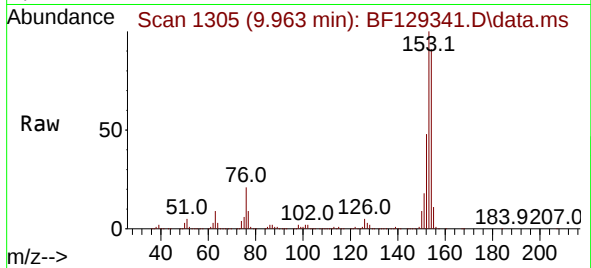




#52
Acenaphthene
Concen: 38.411 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

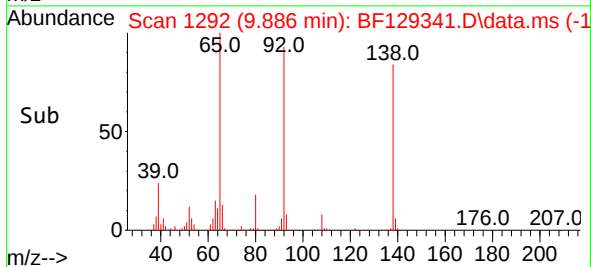
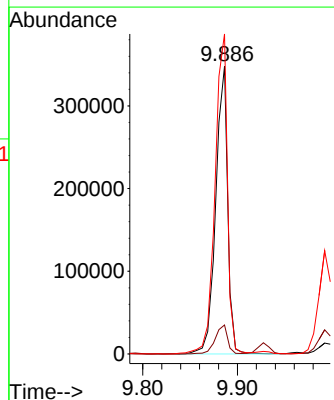
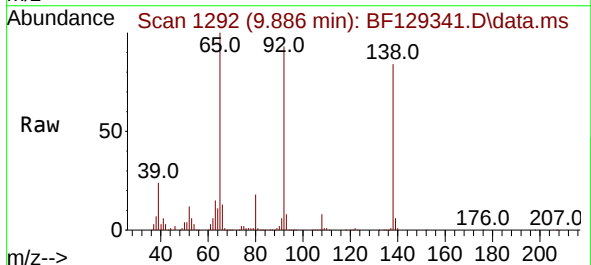
Instrument :
BNA_F
ClientSampleId :
PB146423BS

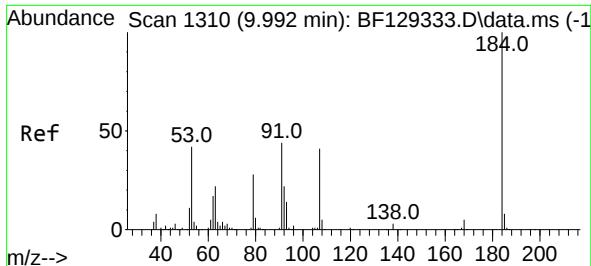
Tgt Ion:154 Resp: 1301326
Ion Ratio Lower Upper
154 100
153 109.7 89.6 134.4
152 52.4 42.4 63.6



#53
3-Nitroaniline
Concen: 29.049 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion:138 Resp: 306665
Ion Ratio Lower Upper
138 100
108 10.1 10.9 16.3#
92 111.2 98.2 147.2

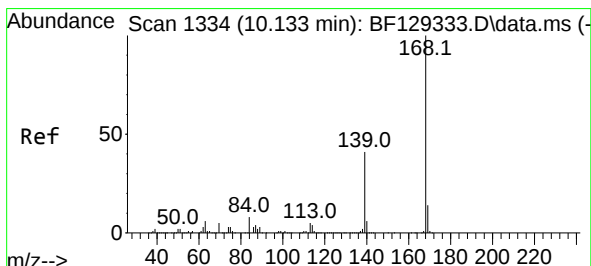
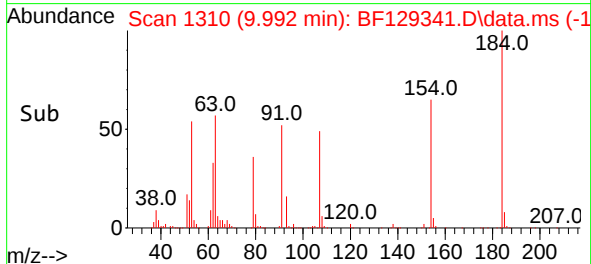
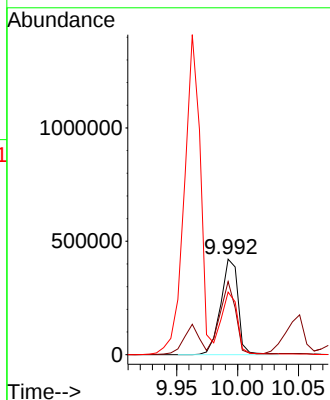
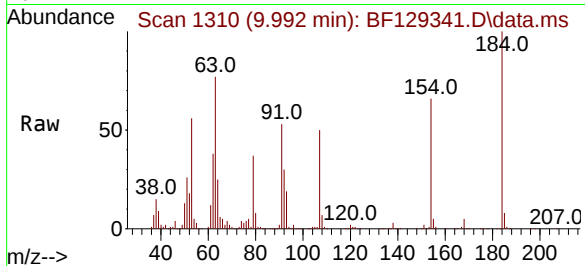




#54
2,4-Dinitrophenol
Concen: 92.430 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

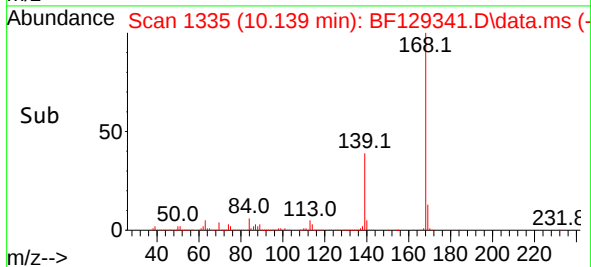
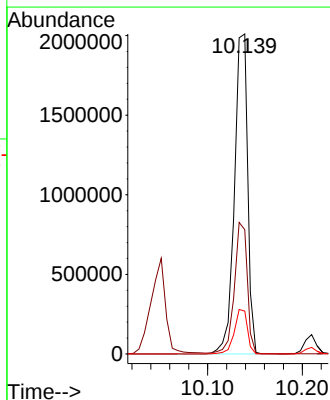
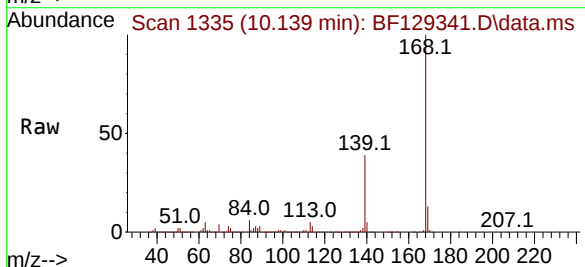
Instrument :
BNA_F
ClientSampleId :
PB146423BS

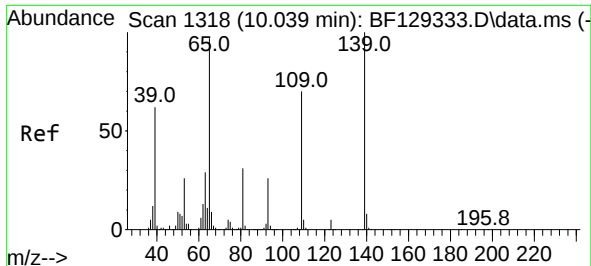
Tgt Ion:184 Resp: 421847
Ion Ratio Lower Upper
184 100
63 76.5 64.5 96.7
154 65.6 50.6 75.8



#55
Dibenzofuran
Concen: 41.836 ng
RT: 10.139 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion:168 Resp: 1953862
Ion Ratio Lower Upper
168 100
139 38.9 30.6 46.0
169 13.4 11.0 16.6

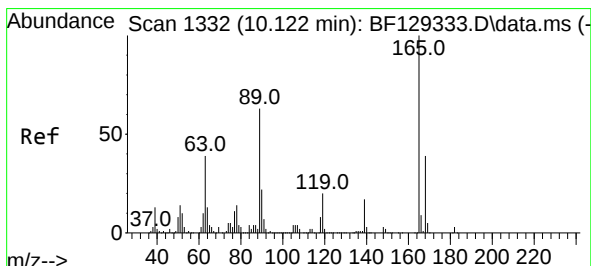
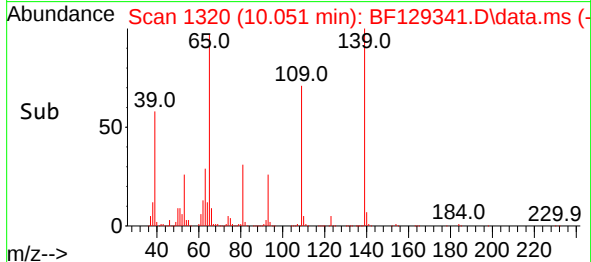
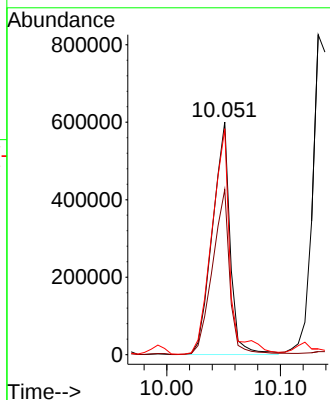
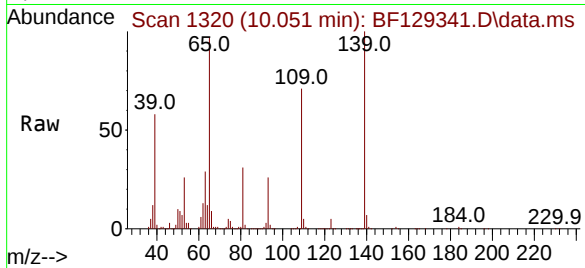




#56
4-Nitrophenol
Concen: 83.608 ng
RT: 10.051 min Scan# 1320
Delta R.T. 0.012 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

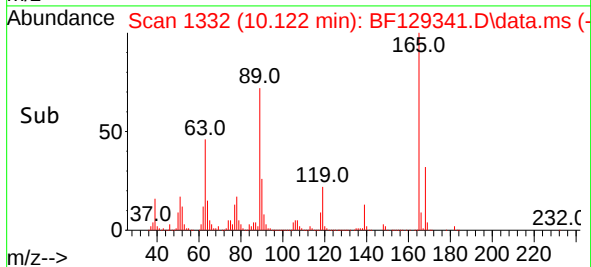
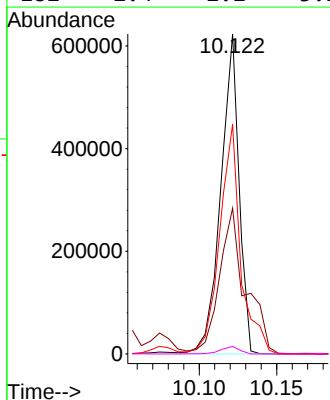
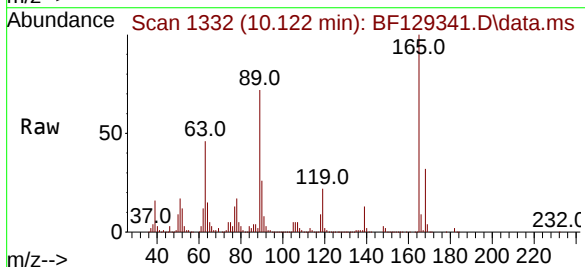
Instrument :
BNA_F
ClientSampleId :
PB146423BS

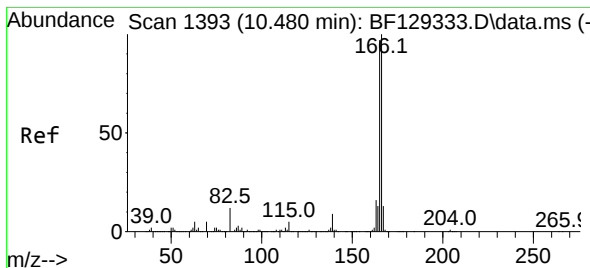
Tgt Ion:139 Resp: 651168
Ion Ratio Lower Upper
139 100
109 70.9 50.7 90.7
65 97.1 74.5 114.5



#57
2,4-Dinitrotoluene
Concen: 43.798 ng
RT: 10.122 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion:165 Resp: 511512
Ion Ratio Lower Upper
165 100
63 45.6 39.8 59.6
89 71.8 60.2 90.2
182 2.4 2.2 3.2





#58

Fluorene

Concen: 40.652 ng

RT: 10.480 min Scan# 1393

Delta R.T. -0.000 min

Lab File: BF129341.D

Acq: 25 Jul 2022 20:05

Instrument :

BNA_F

ClientSampleId :

PB146423BS

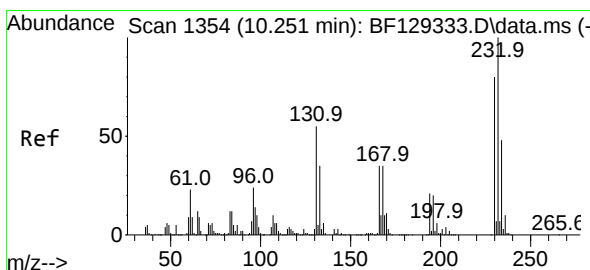
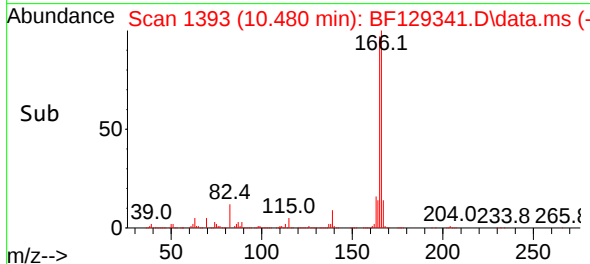
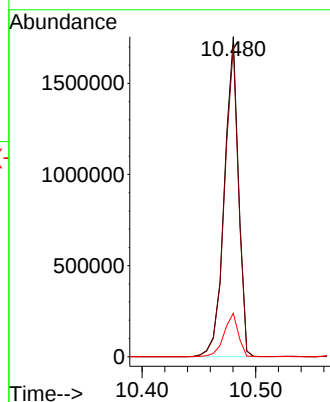
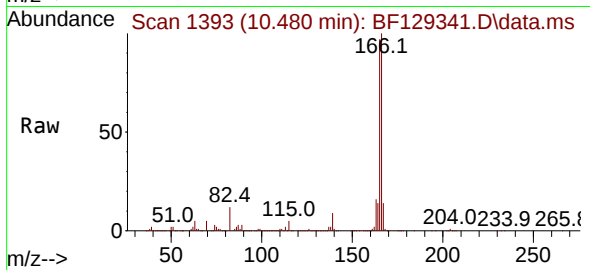
Tgt Ion:166 Resp: 1519061

Ion Ratio Lower Upper

166 100

165 97.0 78.1 117.1

167 13.6 10.5 15.7



#59

2,3,4,6-Tetrachlorophenol

Concen: 41.355 ng

RT: 10.251 min Scan# 1354

Delta R.T. -0.000 min

Lab File: BF129341.D

Acq: 25 Jul 2022 20:05

Tgt Ion:232 Resp: 383512

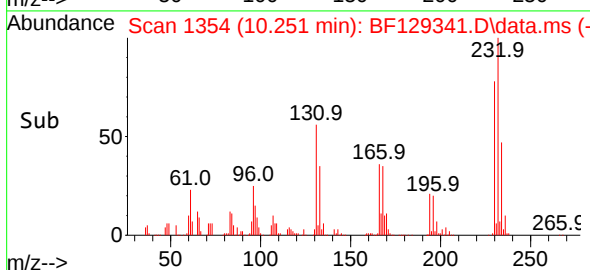
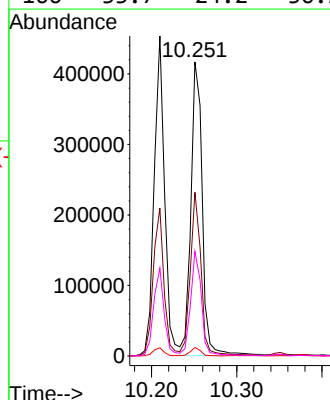
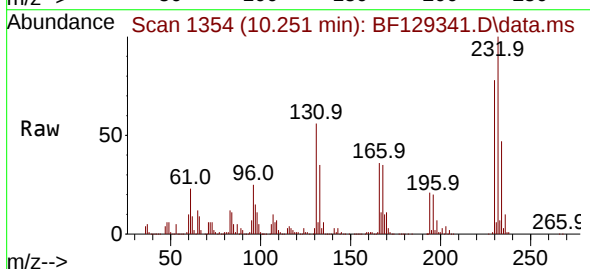
Ion Ratio Lower Upper

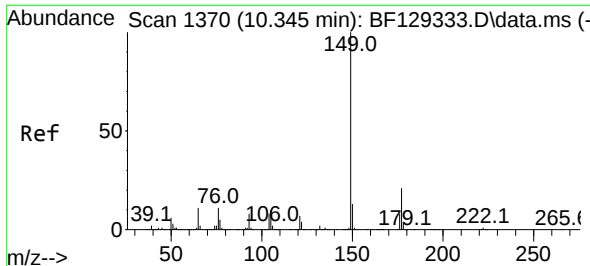
232 100

131 52.0 36.1 54.1

130 2.6 1.8 2.8

166 33.7 24.2 36.2

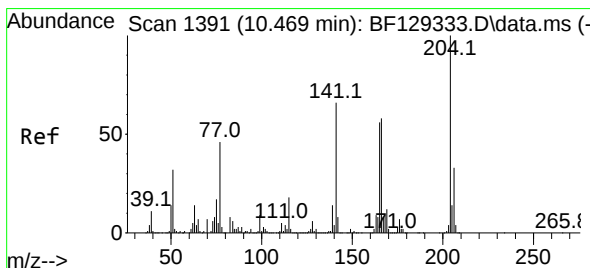
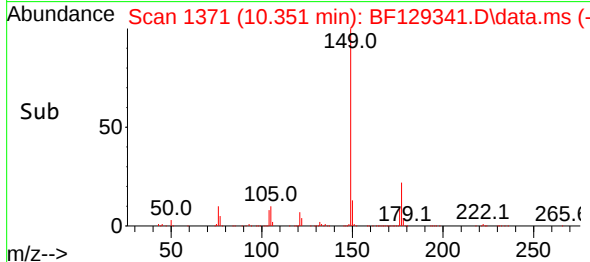
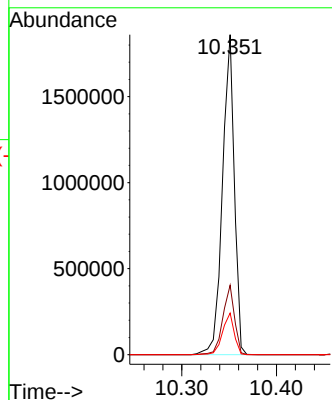
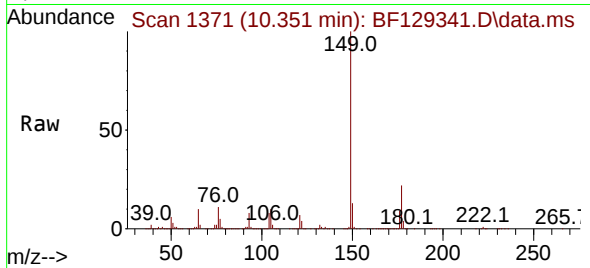




#60
Diethylphthalate
Concen: 42.023 ng
RT: 10.351 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

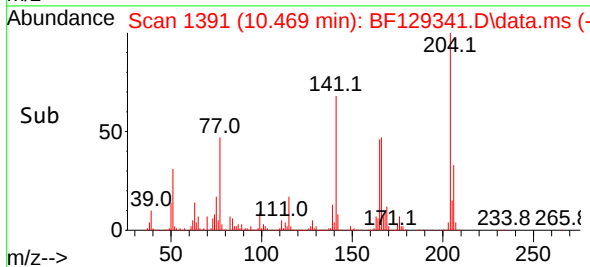
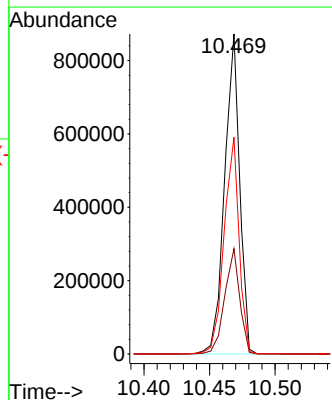
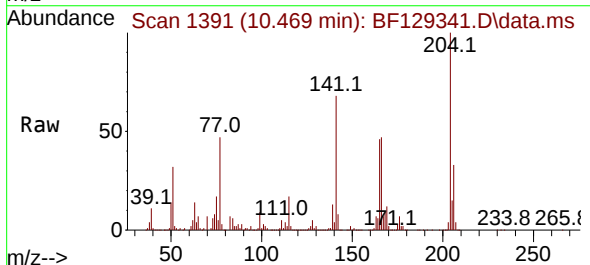
Instrument :
BNA_F
ClientSampleId :
PB146423BS

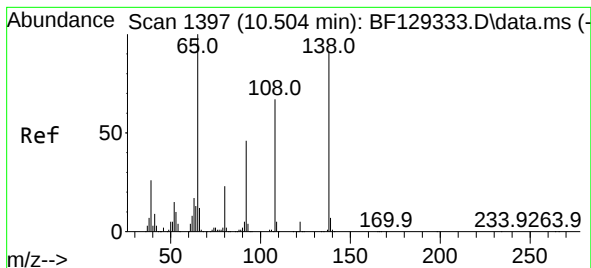
Tgt Ion:149 Resp: 1622632
Ion Ratio Lower Upper
149 100
177 21.7 17.3 25.9
150 13.0 10.2 15.2



#61
4-Chlorophenyl-phenylether
Concen: 42.200 ng
RT: 10.469 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion:204 Resp: 695206
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 67.7 47.0 70.4

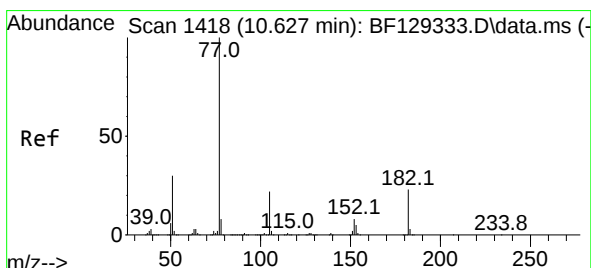
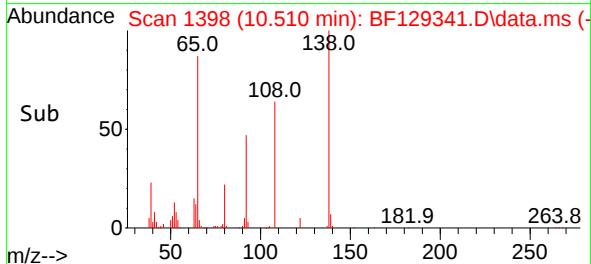
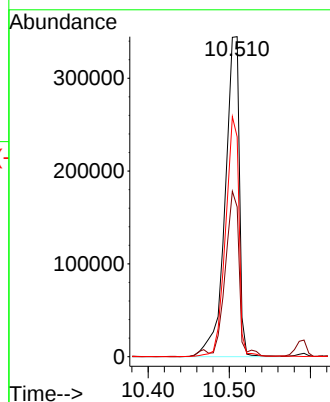
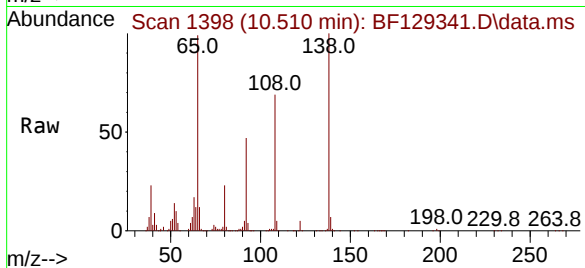




#62
4-Nitroaniline
Concen: 40.441 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.006 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

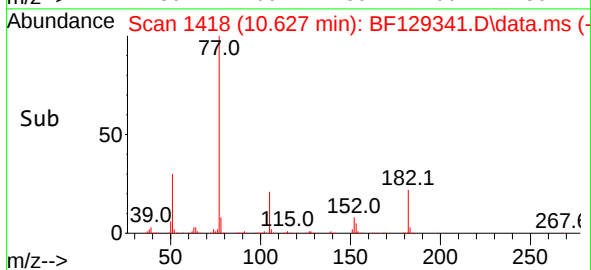
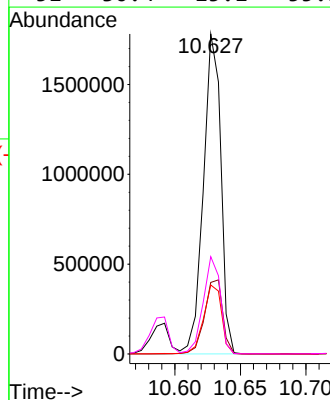
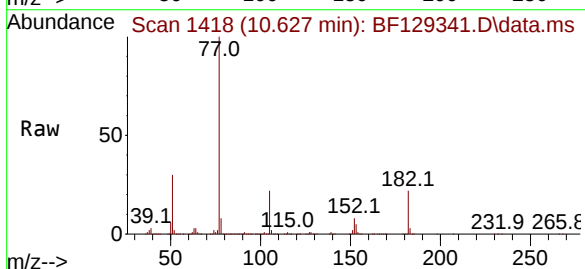
Instrument :
BNA_F
ClientSampleId :
PB146423BS

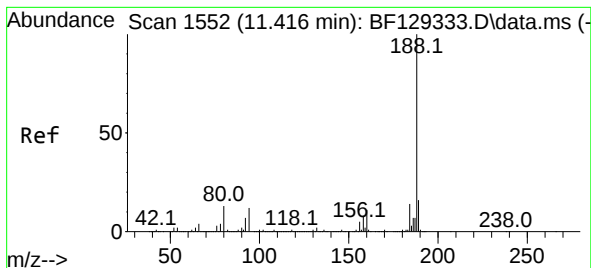
Tgt Ion:138 Resp: 423526
Ion Ratio Lower Upper
138 100
92 46.8 33.5 73.5
108 68.7 61.0 101.0



#63
Azobenzene
Concen: 41.904 ng
RT: 10.627 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion: 77 Resp: 1650343
Ion Ratio Lower Upper
77 100
182 22.3 5.6 45.6
105 21.6 1.6 41.6
51 30.4 15.1 55.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129341.D

Acq: 25 Jul 2022 20:05

Instrument :

BNA_F

ClientSampleId :

PB146423BS

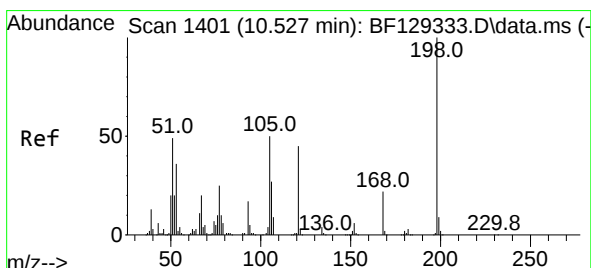
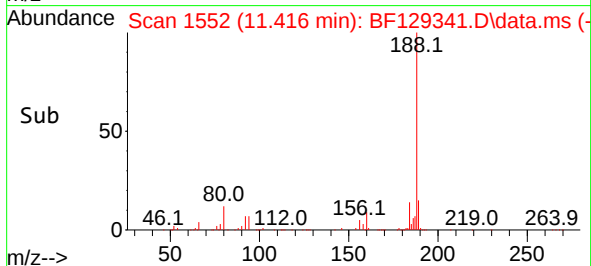
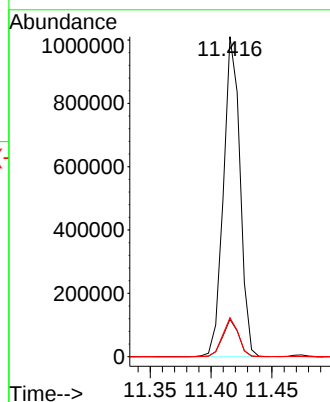
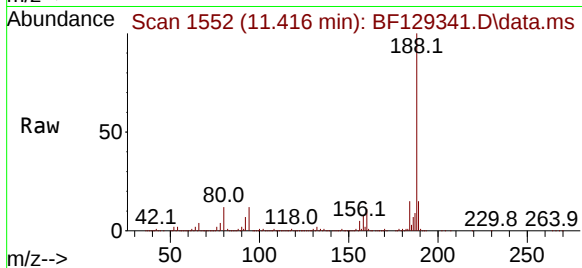
Tgt Ion:188 Resp: 957491

Ion Ratio Lower Upper

188 100

94 11.6 7.0 10.6#

80 12.2 7.6 11.4#



#65

4,6-Dinitro-2-methylphenol

Concen: 44.225 ng

RT: 10.527 min Scan# 1401

Delta R.T. -0.000 min

Lab File: BF129341.D

Acq: 25 Jul 2022 20:05

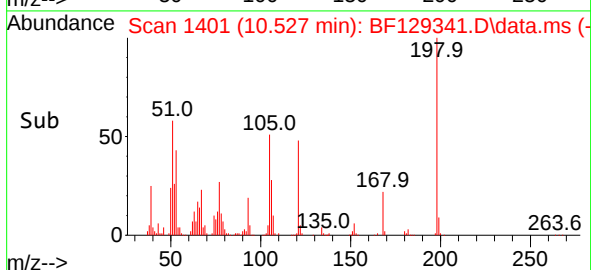
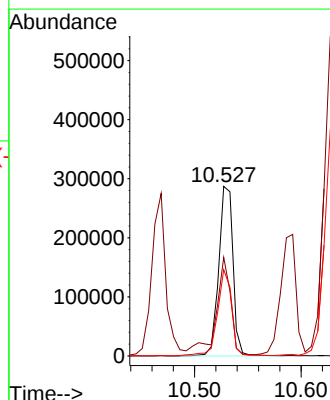
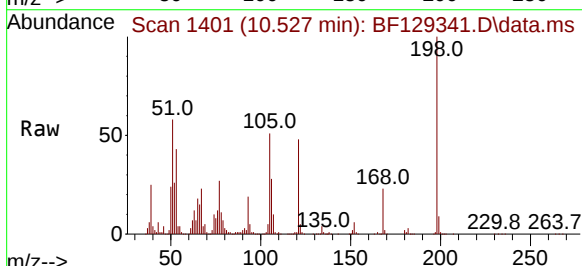
Tgt Ion:198 Resp: 267273

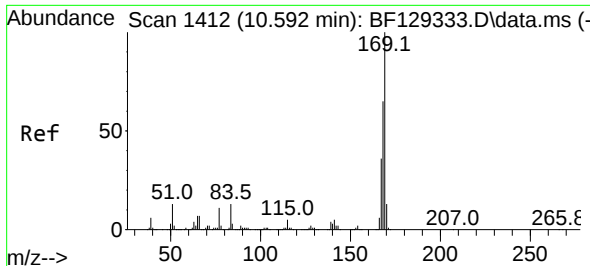
Ion Ratio Lower Upper

198 100

51 58.1 37.6 77.6

105 50.9 27.0 67.0

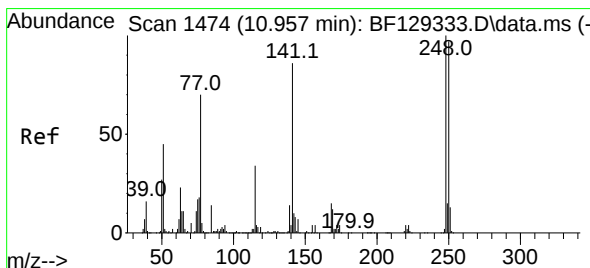
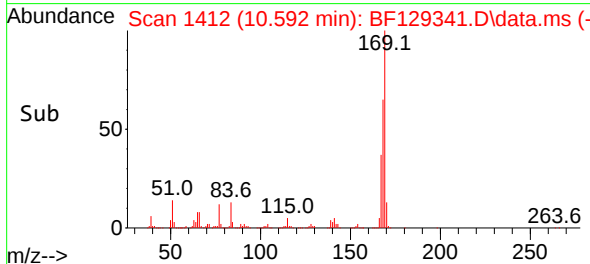
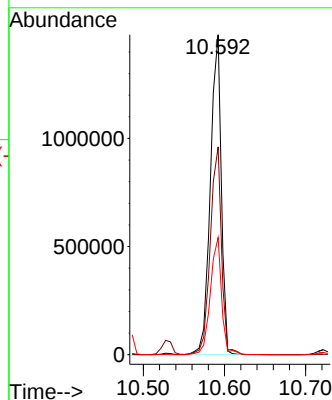
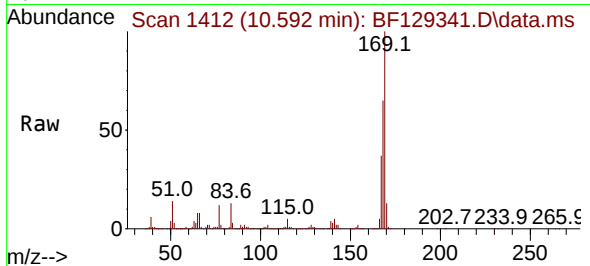




#66
n-Nitrosodiphenylamine
Concen: 43.104 ng
RT: 10.592 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

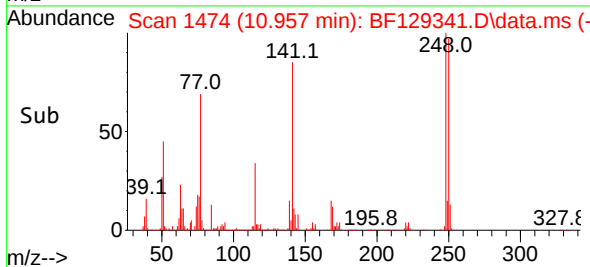
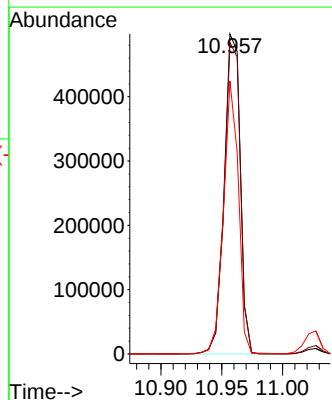
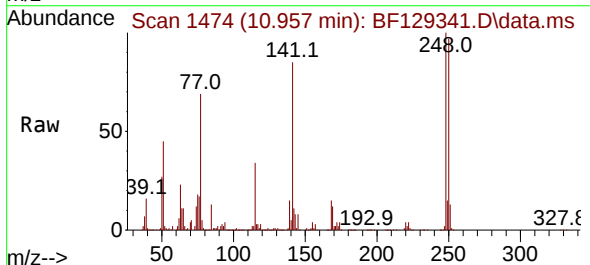
Instrument :
BNA_F
ClientSampleId :
PB146423BS

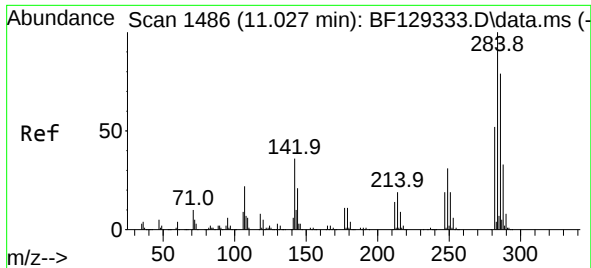
Tgt Ion:169 Resp: 1374431
Ion Ratio Lower Upper
169 100
168 64.9 50.1 75.1
167 36.6 27.9 41.9



#67
4-Bromophenyl-phenylether
Concen: 43.692 ng
RT: 10.957 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion:248 Resp: 458102
Ion Ratio Lower Upper
248 100
250 97.3 80.6 120.8
141 85.2 58.9 88.3

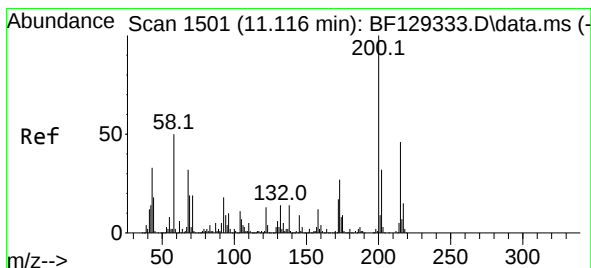
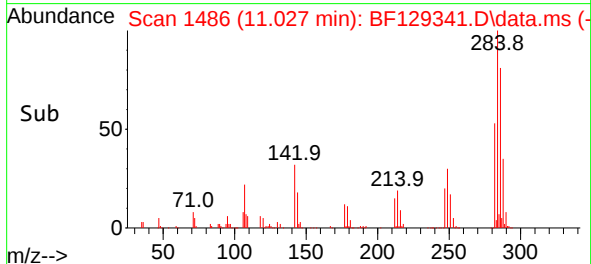
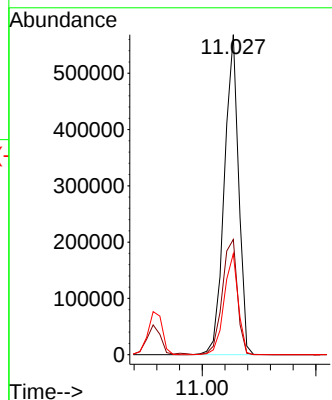
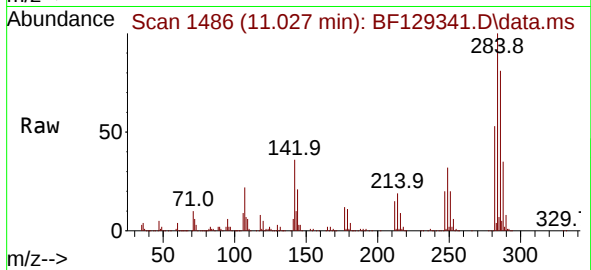




#68
Hexachlorobenzene
Concen: 43.813 ng
RT: 11.027 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

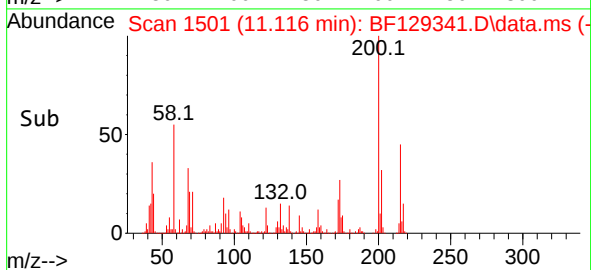
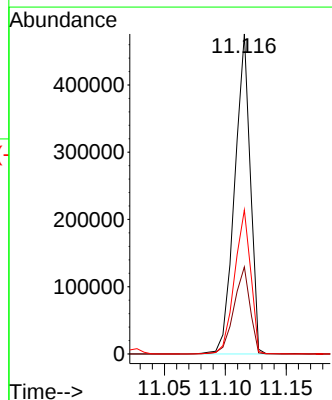
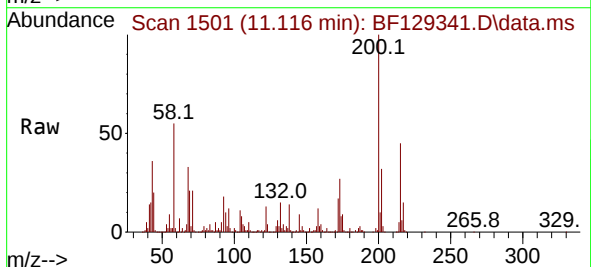
Instrument :
BNA_F
ClientSampleId :
PB146423BS

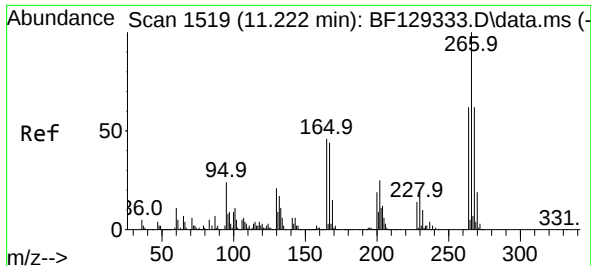
Tgt Ion:284 Resp: 497744
Ion Ratio Lower Upper
284 100
142 36.0 29.0 43.4
249 31.5 25.0 37.6



#69
Atrazine
Concen: 43.636 ng
RT: 11.116 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion:200 Resp: 422635
Ion Ratio Lower Upper
200 100
173 27.2 6.3 46.3
215 45.0 28.3 68.3

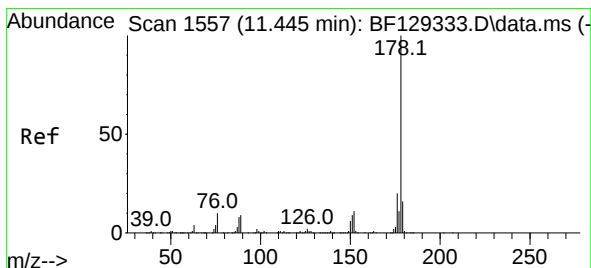
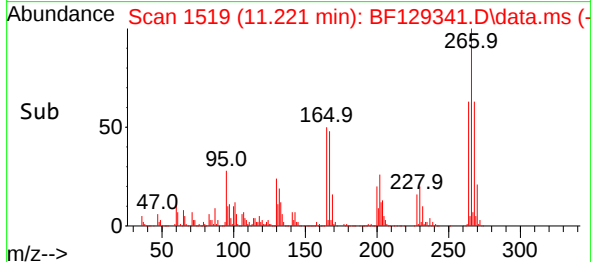
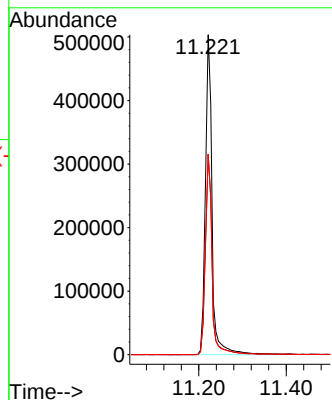
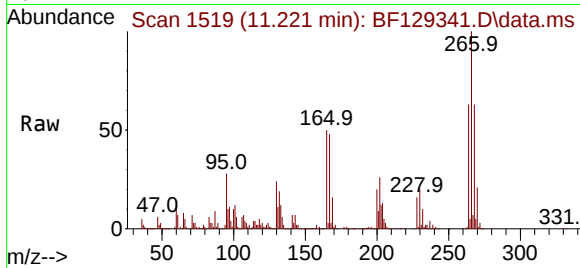




#70
 Pentachlorophenol
 Concen: 86.314 ng
 RT: 11.221 min Scan# 1519
 Delta R.T. -0.000 min
 Lab File: BF129341.D
 Acq: 25 Jul 2022 20:05

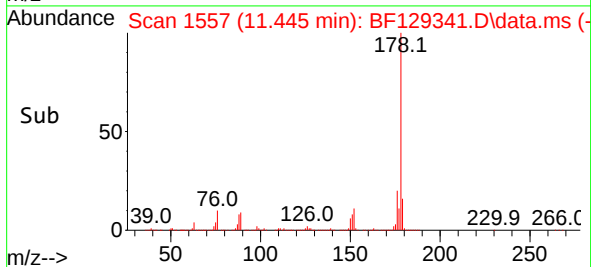
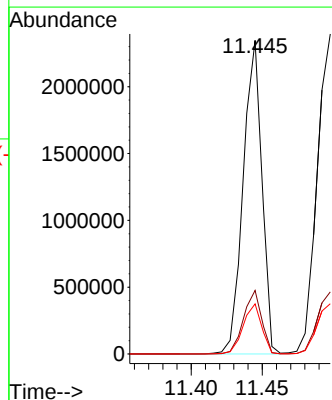
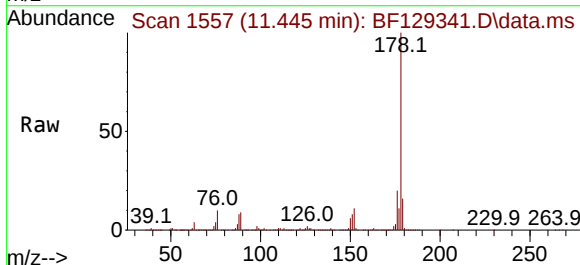
Instrument :
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 ClientSampleId :
 PB146423BS

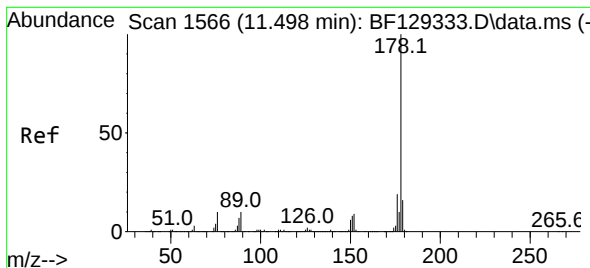
Tgt Ion:266 Resp: 533075
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.0 76.4
 264 62.6 49.4 74.2



#71
 Phenanthrene
 Concen: 41.116 ng
 RT: 11.445 min Scan# 1557
 Delta R.T. -0.000 min
 Lab File: BF129341.D
 Acq: 25 Jul 2022 20:05

Tgt Ion:178 Resp: 2149006
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 16.0 12.6 19.0

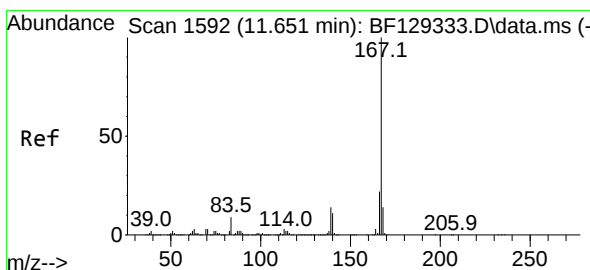
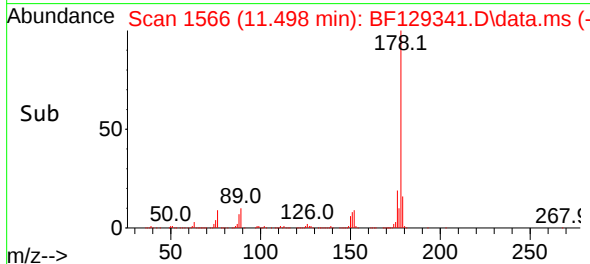
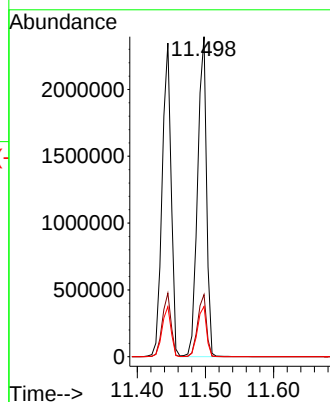
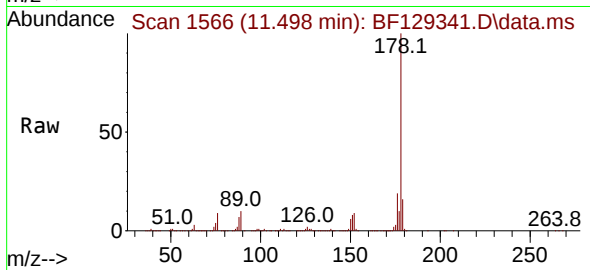




#72
 Anthracene
 Concen: 42.347 ng
 RT: 11.498 min Scan# 1566
 Delta R.T. -0.000 min
 Lab File: BF129341.D
 Acq: 25 Jul 2022 20:05

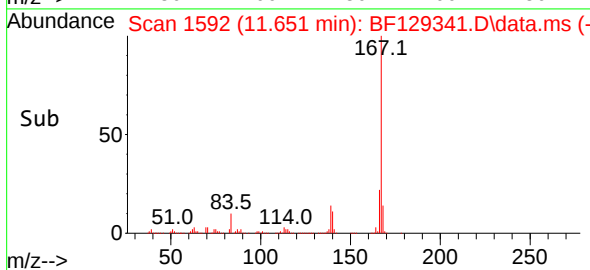
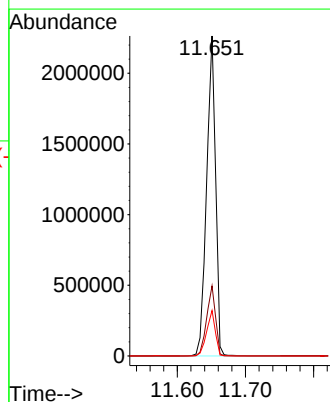
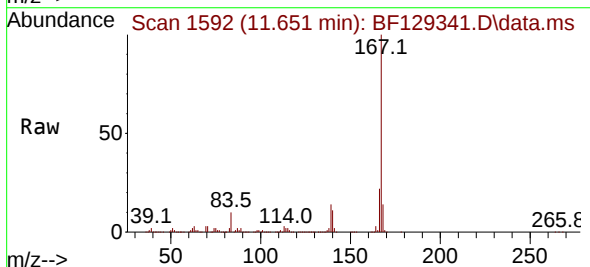
Instrument :
 BNA_F
 ClientSampleId :
 PB146423BS

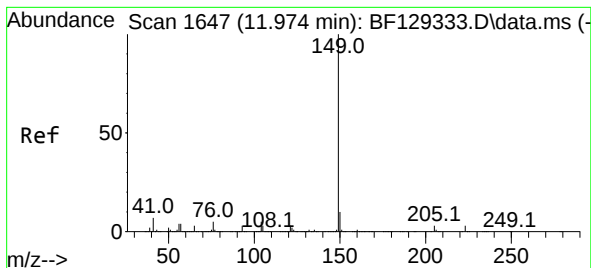
Tgt Ion:178 Resp: 2175072
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.7 12.6 19.0



#73
 Carbazole
 Concen: 42.931 ng
 RT: 11.651 min Scan# 1592
 Delta R.T. -0.000 min
 Lab File: BF129341.D
 Acq: 25 Jul 2022 20:05

Tgt Ion:167 Resp: 2075741
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 14.2 11.2 16.8





#74

Di-n-butylphthalate

Concen: 42.611 ng

RT: 11.974 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129341.D

Acq: 25 Jul 2022 20:05

Instrument :

BNA_F

ClientSampleId :

PB146423BS

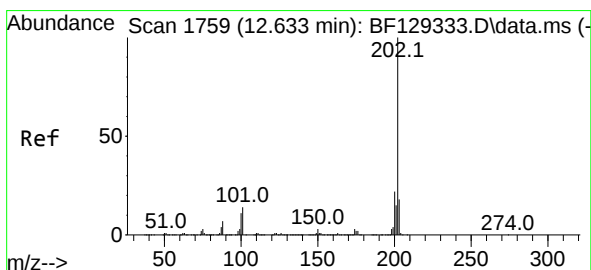
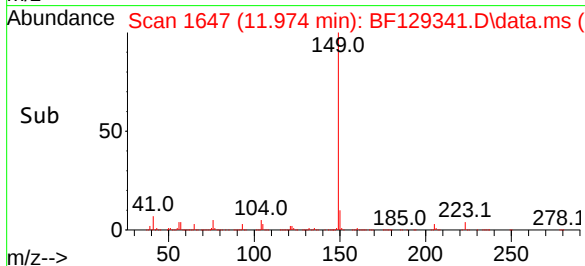
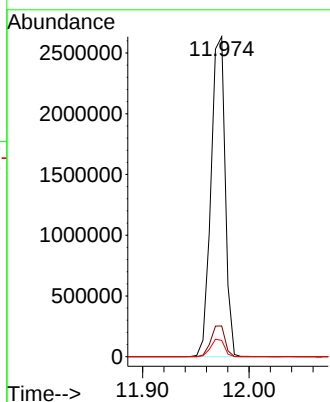
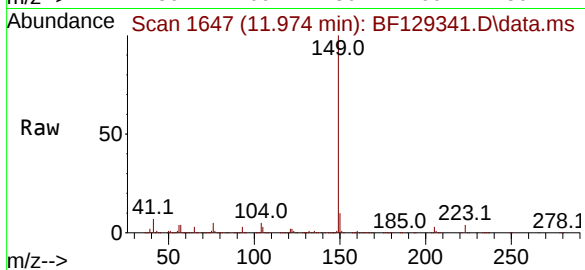
Tgt Ion:149 Resp: 2453552

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

104 5.1 4.4 6.6



#75

Fluoranthene

Concen: 41.545 ng

RT: 12.633 min Scan# 1759

Delta R.T. -0.000 min

Lab File: BF129341.D

Acq: 25 Jul 2022 20:05

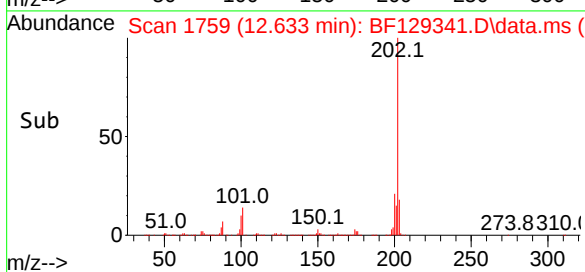
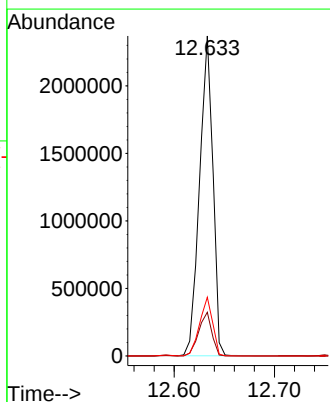
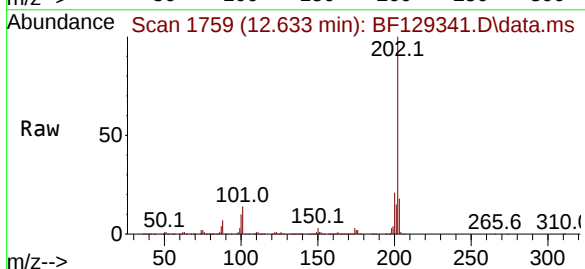
Tgt Ion:202 Resp: 2200151

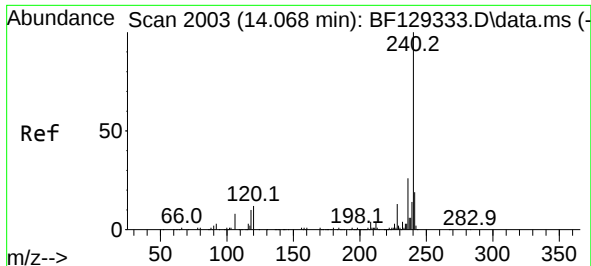
Ion Ratio Lower Upper

202 100

101 13.7 0.0 31.4

203 18.3 0.0 38.0

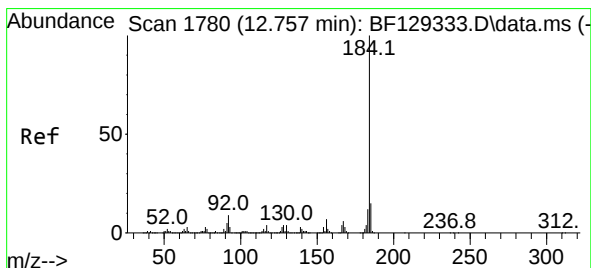
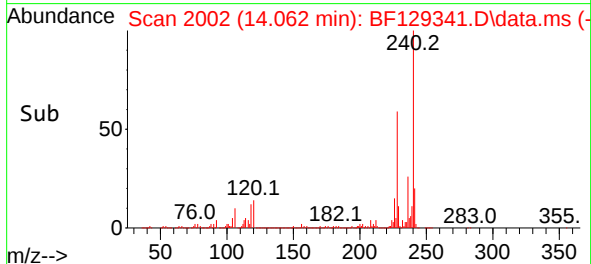
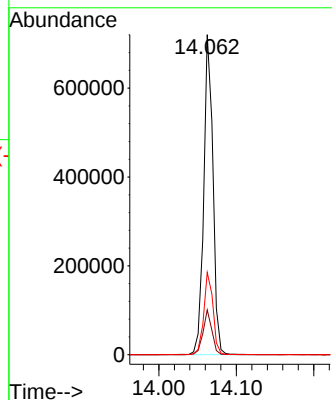
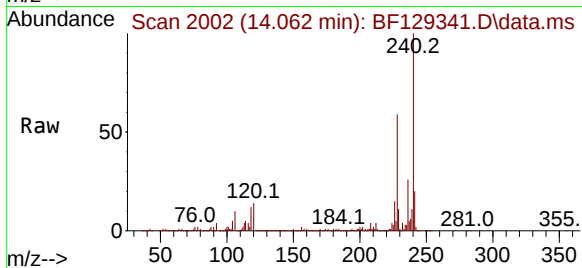




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

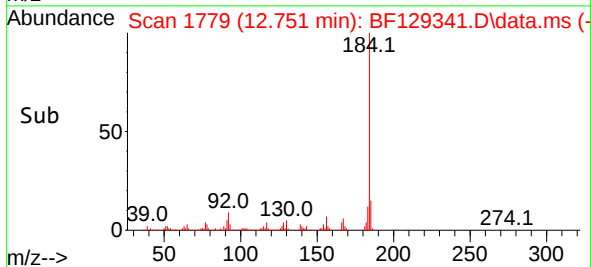
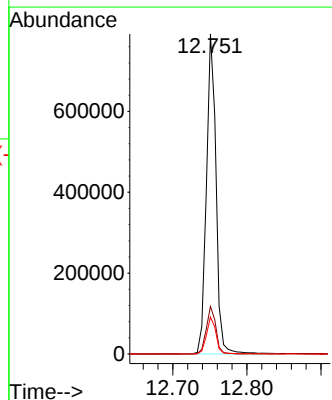
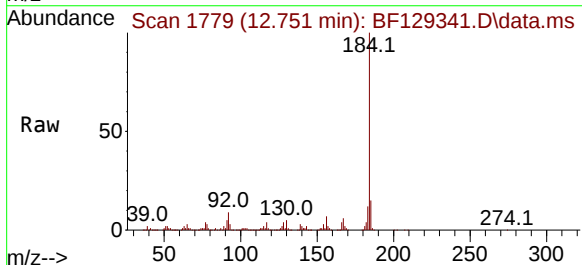
Instrument :
BNA_F
ClientSampleId :
PB146423BS

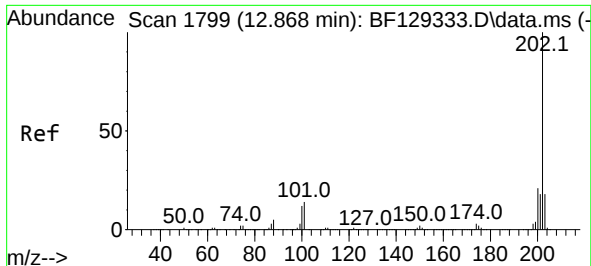
Tgt Ion:240 Resp: 593996
Ion Ratio Lower Upper
240 100
120 14.0 8.9 13.3#
236 25.7 20.8 31.2



#77
Benzidine
Concen: 34.122 ng
RT: 12.751 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion:184 Resp: 716024
Ion Ratio Lower Upper
184 100
185 14.8 11.9 17.9
183 11.6 9.3 13.9

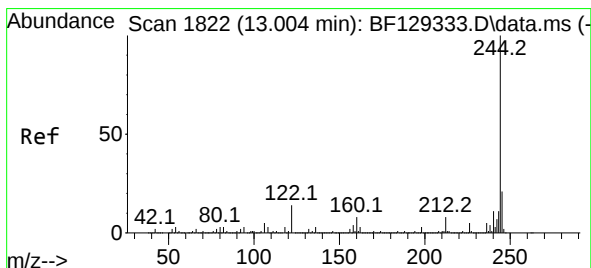
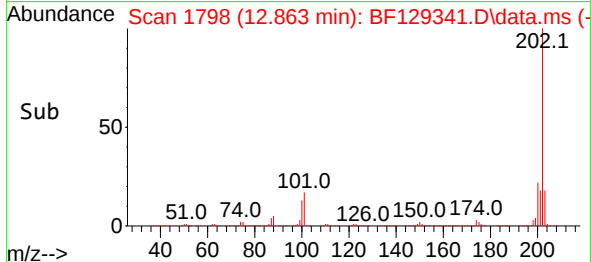
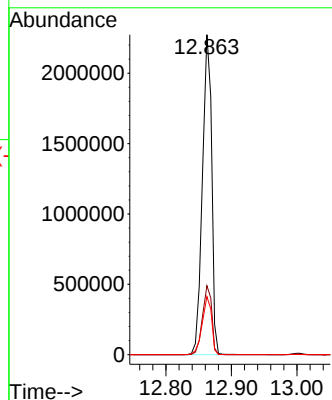
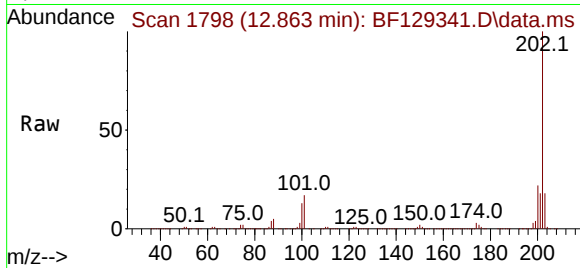




#78
Pyrene
Concen: 45.067 ng
RT: 12.863 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

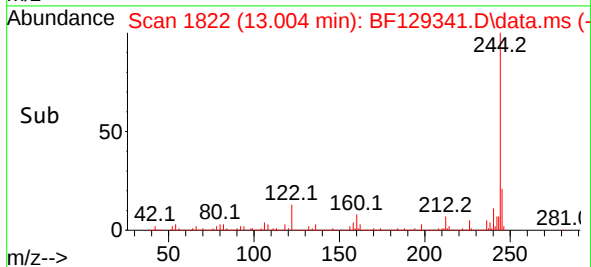
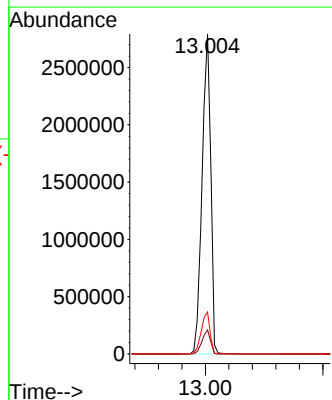
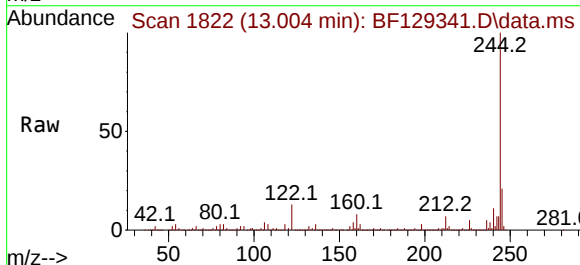
Instrument :
BNA_F
ClientSampleId :
PB146423BS

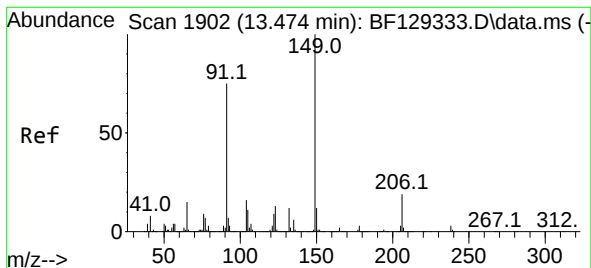
Tgt Ion:202 Resp: 2238564
Ion Ratio Lower Upper
202 100
200 21.6 17.7 26.5
203 18.1 14.6 21.8



#79
Terphenyl-d14
Concen: 90.170 ng
RT: 13.004 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion:244 Resp: 2839029
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 13.1 8.8 13.2

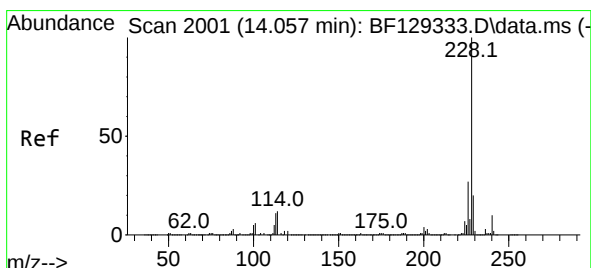
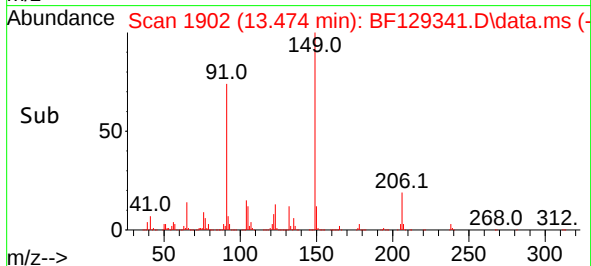
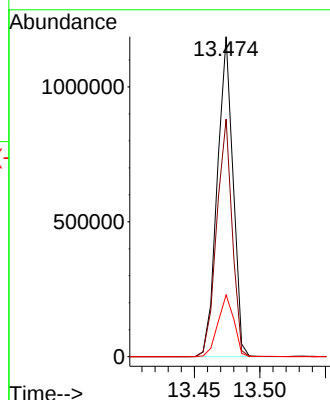
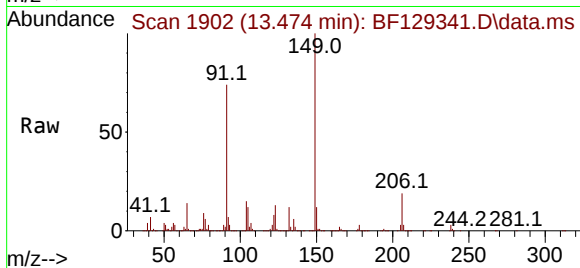




#80
Butylbenzylphthalate
Concen: 45.852 ng
RT: 13.474 min Scan# 1902
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

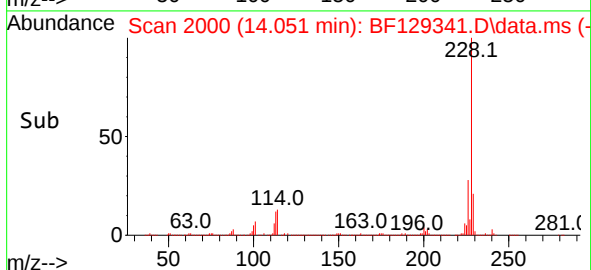
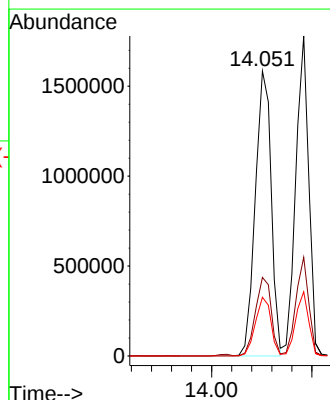
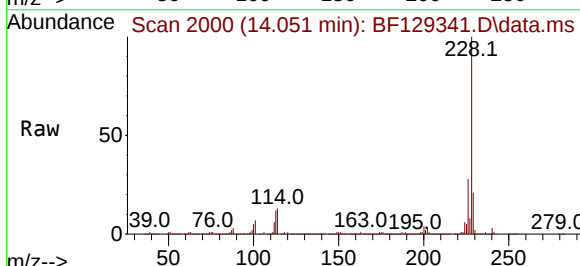
Instrument :
BNA_F
ClientSampleId :
PB146423BS

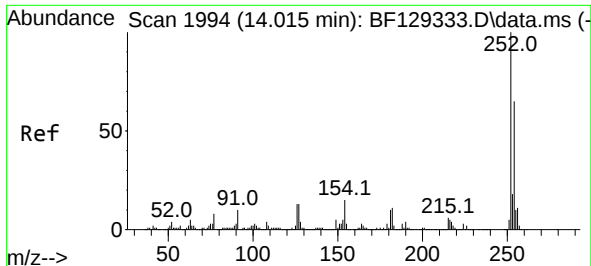
Tgt Ion:149 Resp: 987877
Ion Ratio Lower Upper
149 100
91 74.3 61.2 91.8
206 19.3 15.7 23.5



#81
Benzo(a)anthracene
Concen: 42.934 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion:228 Resp: 1742094
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 20.6 15.8 23.8

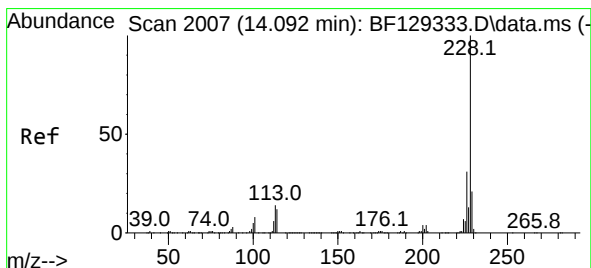
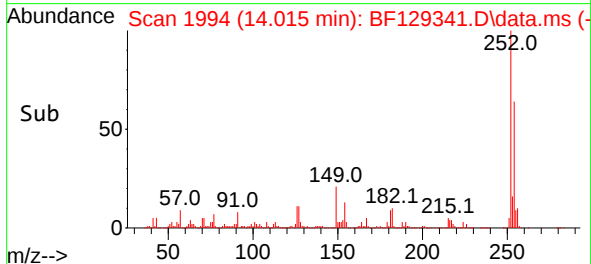
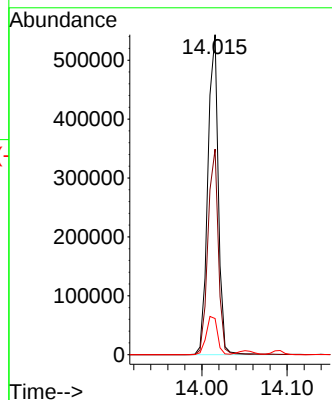
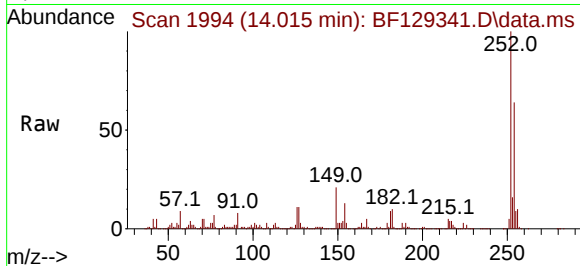




#82
3,3'-Dichlorobenzidine
Concen: 34.498 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

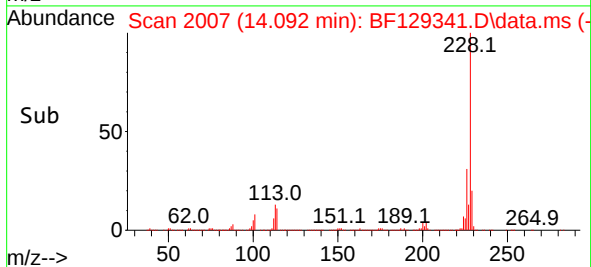
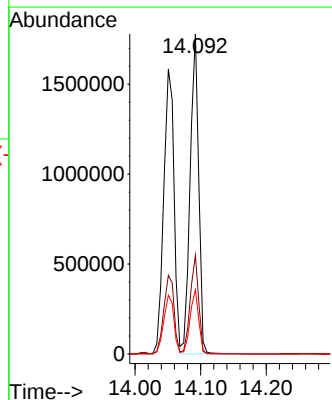
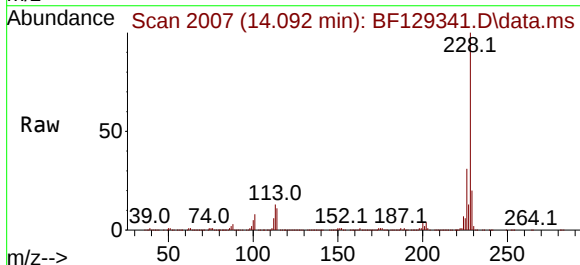
Instrument :
BNA_F
ClientSampleId :
PB146423BS

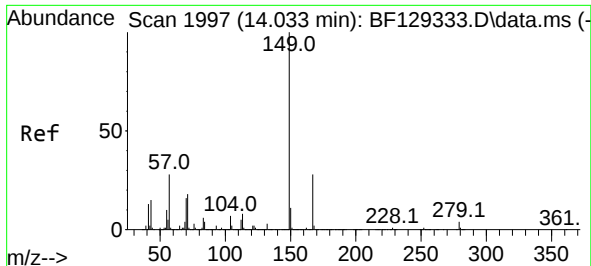
Tgt Ion:252 Resp: 462163
Ion Ratio Lower Upper
252 100
254 64.2 50.2 75.4
126 11.3 8.2 12.4



#83
Chrysene
Concen: 41.954 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion:228 Resp: 1604380
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 20.1 15.9 23.9

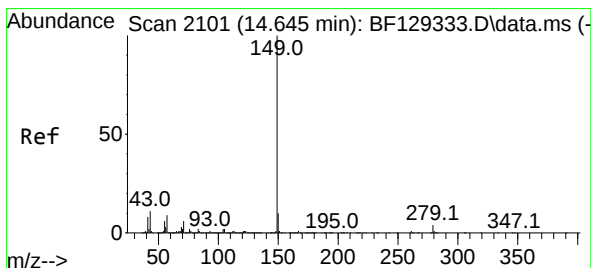
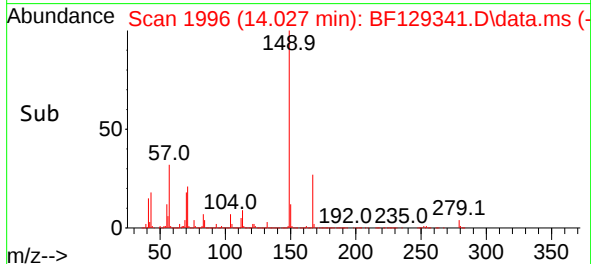
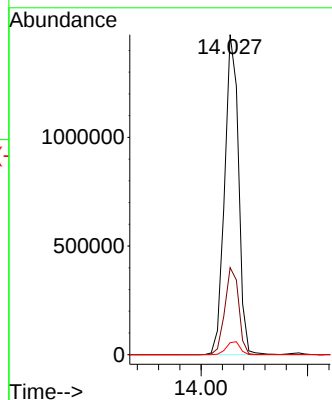
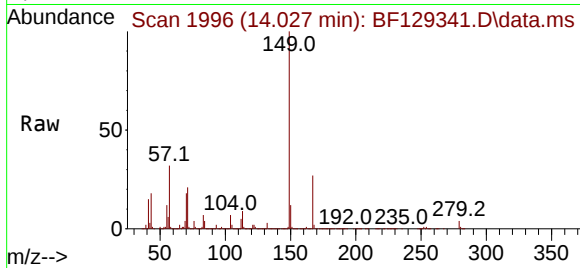




#84
Bis(2-ethylhexyl)phthalate
Concen: 46.928 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

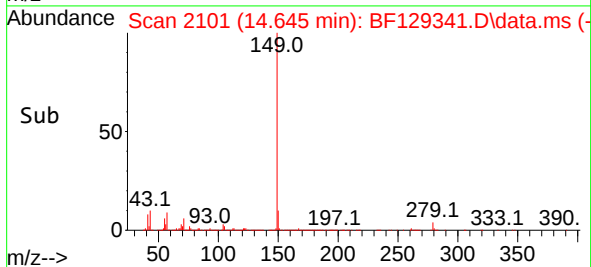
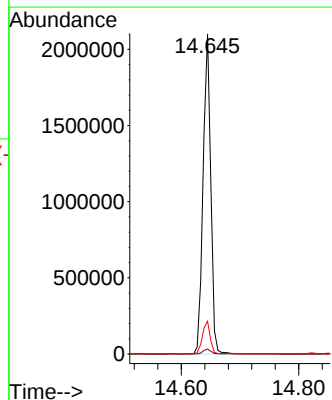
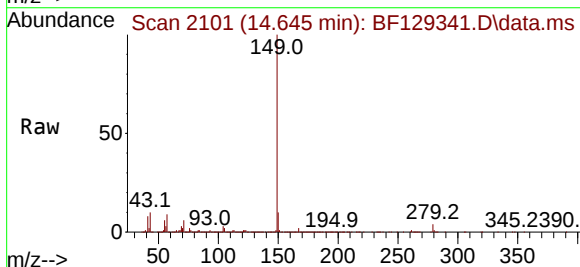
Instrument :
BNA_F
ClientSampleId :
PB146423BS

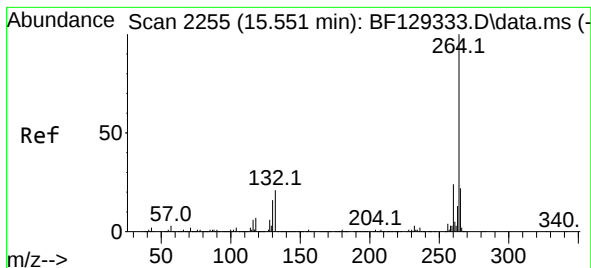
Tgt Ion:149 Resp: 1331090
Ion Ratio Lower Upper
149 100
167 27.2 21.0 31.4
279 3.8 3.1 4.7



#85
Di-n-octyl phthalate
Concen: 46.240 ng
RT: 14.645 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

Tgt Ion:149 Resp: 1887408
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.4 9.2 13.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF129341.D

Acq: 25 Jul 2022 20:05

Instrument :

BNA_F

ClientSampleId :

PB146423BS

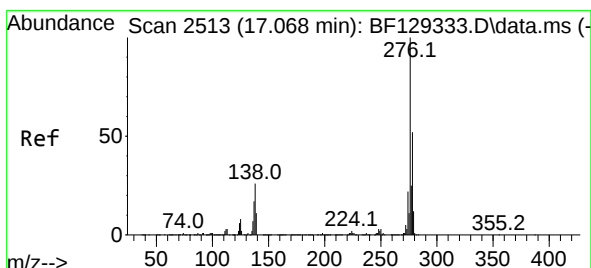
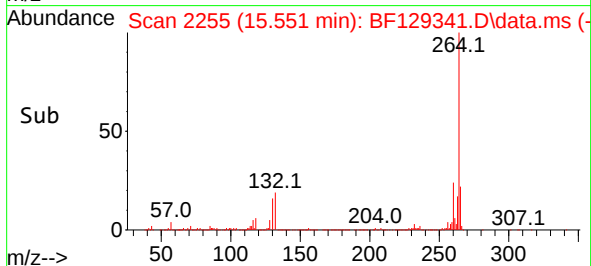
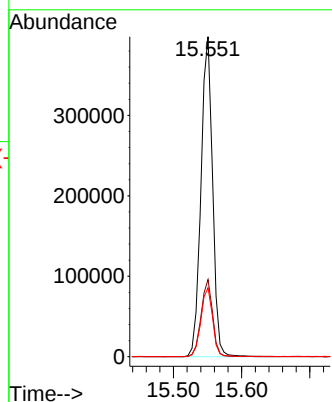
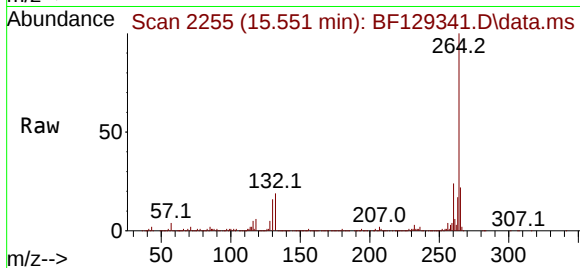
Tgt Ion:264 Resp: 471220

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 21.5 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 46.893 ng

RT: 17.062 min Scan# 2512

Delta R.T. -0.006 min

Lab File: BF129341.D

Acq: 25 Jul 2022 20:05

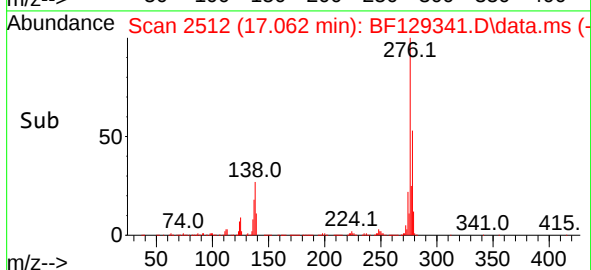
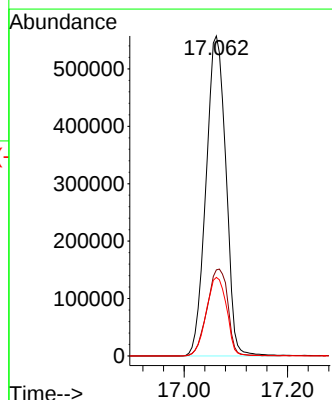
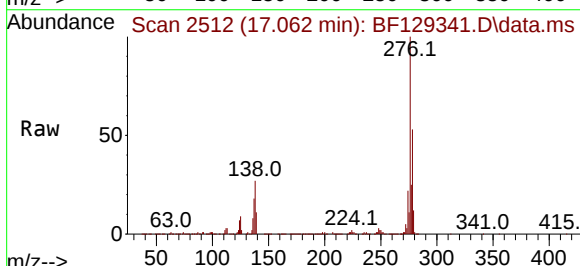
Tgt Ion:276 Resp: 1488016

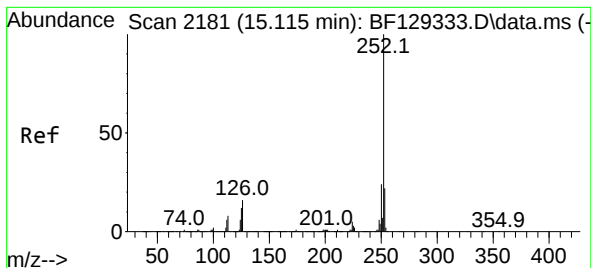
Ion Ratio Lower Upper

276 100

138 28.5 21.1 31.7

277 25.3 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 44.121 ng

RT: 15.145 min Scan# 2186

Delta R.T. 0.029 min

Lab File: BF129341.D

Acq: 25 Jul 2022 20:05

Instrument :

BNA_F

ClientSampleId :

PB146423BS

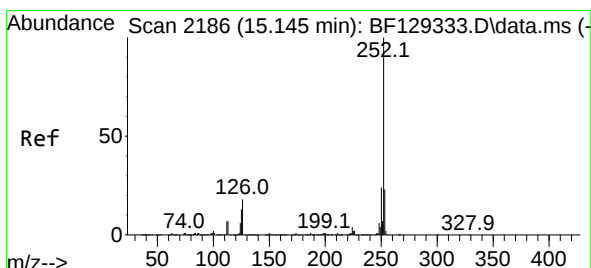
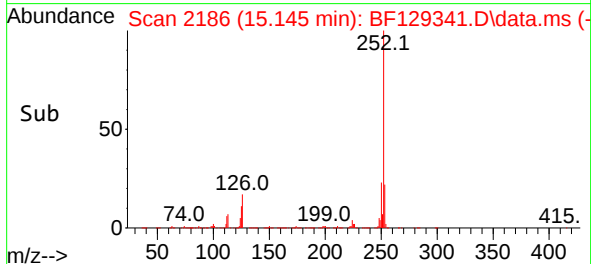
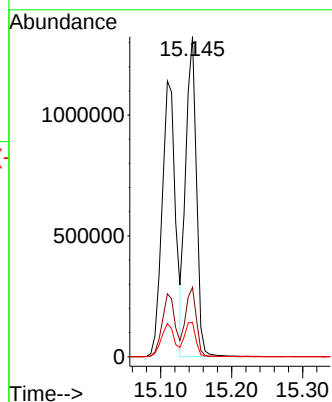
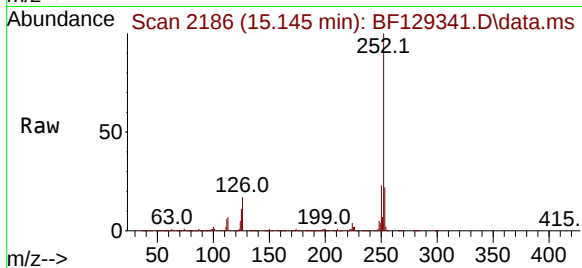
Tgt Ion:252 Resp: 1379097

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 10.7 8.0 12.0



#89

Benzo(k)fluoranthene

Concen: 45.022 ng

RT: 15.145 min Scan# 2186

Delta R.T. -0.000 min

Lab File: BF129341.D

Acq: 25 Jul 2022 20:05

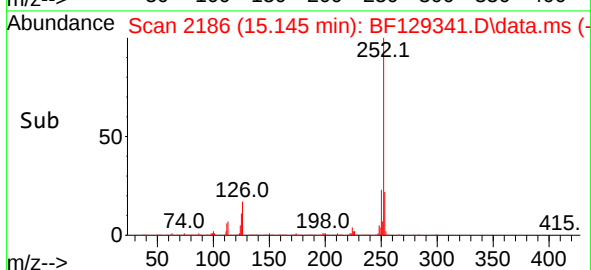
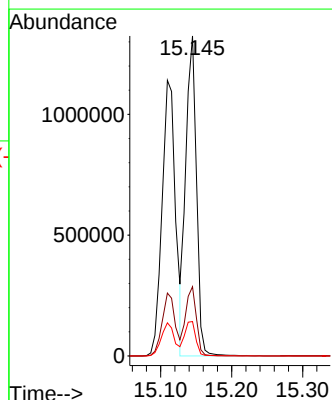
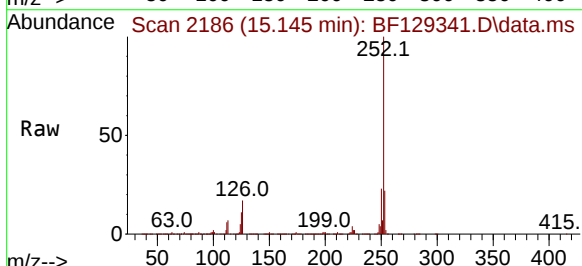
Tgt Ion:252 Resp: 1379097

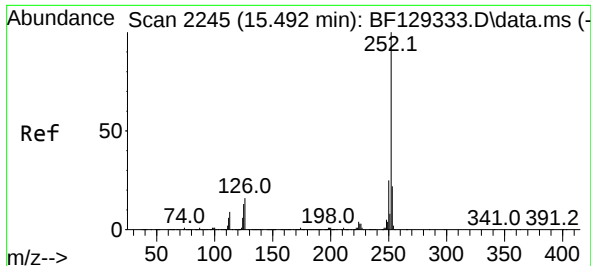
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 10.7 8.3 12.5

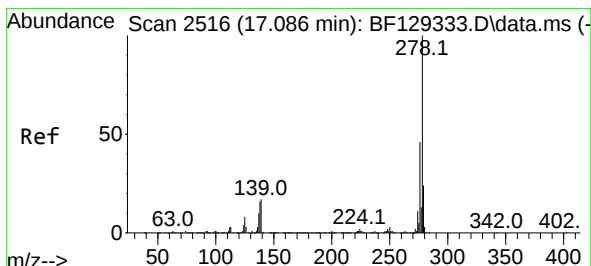
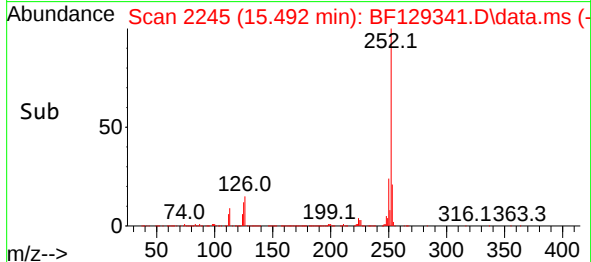
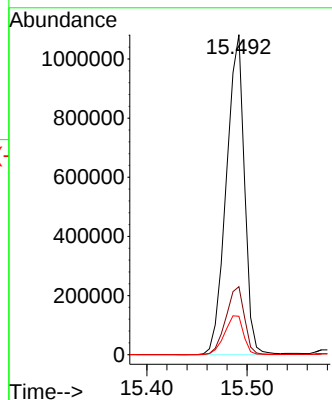
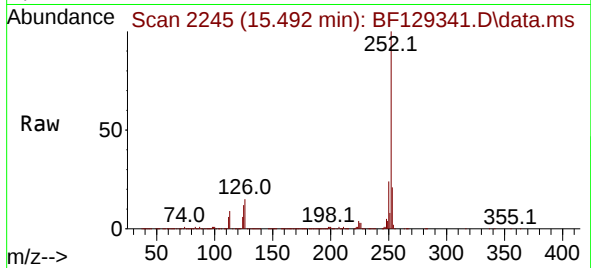




#90
Benzo(a)pyrene
Concen: 53.464 ng
RT: 15.492 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

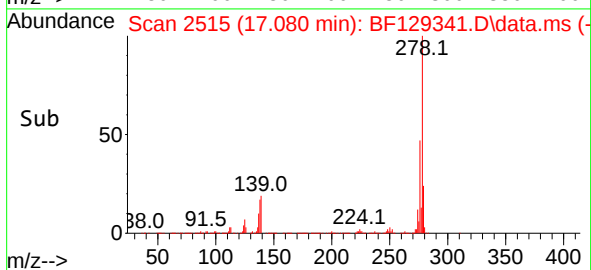
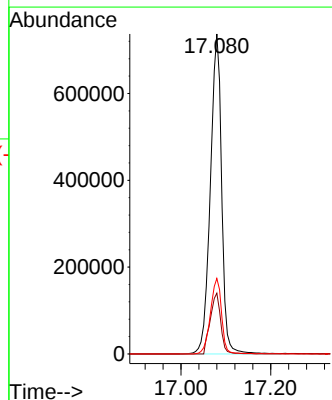
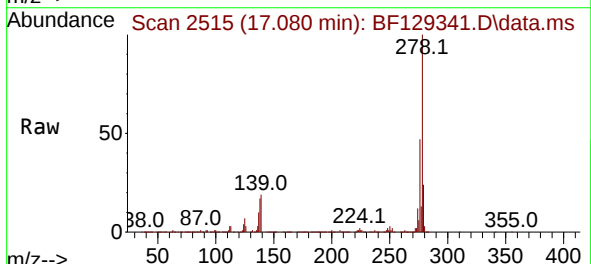
Instrument :
BNA_F
ClientSampleId :
PB146423BS

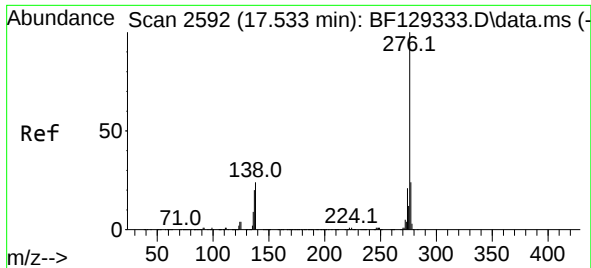
Tgt Ion:252 Resp: 1356604
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 12.0 8.8 13.2



#91
Dibenzo(a,h)anthracene
Concen: 49.938 ng
RT: 17.080 min Scan# 2515
Delta R.T. -0.006 min
Lab File: BF129341.D
Acq: 25 Jul 2022 20:05

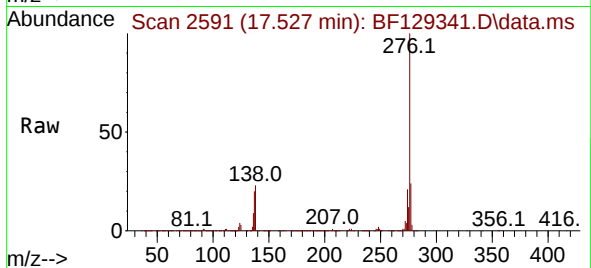
Tgt Ion:278 Resp: 1289752
Ion Ratio Lower Upper
278 100
139 19.0 12.8 19.2
279 23.6 18.6 28.0





#92
 Benzo(g,h,i)perylene
 Concen: 50.846 ng
 RT: 17.527 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF129341.D
 Acq: 25 Jul 2022 20:05

Instrument :
 BNA_F
 ClientSampleId :
 PB146423BS



Tgt Ion: 276 Resp: 1341898

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	23.1	18.0	27.0

