

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062922\
 Data File : BF129042.D
 Acq On : 29 Jun 2022 18:28
 Operator : CG\JU
 Sample : PB145737BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145737BS

Quant Time: Jun 29 20:40:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	438875	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	1687096	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	886134	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	1585692	20.000	ng	0.00
76) Chrysene-d12	14.151	240	1171719	20.000	ng	0.00
86) Perylene-d12	15.674	264	1000020	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	2850710	109.815	ng	0.01
7) Phenol-d6	6.587	99	3517846	109.113	ng	0.00
23) Nitrobenzene-d5	7.522	82	2233467	78.963	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	1123076	116.557	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	4004387	72.293	ng	0.00
79) Terphenyl-d14	13.086	244	4470853	79.237	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.946	88	384580	33.229	ng	88
3) Pyridine	3.734	79	1021484	36.141	ng	86
4) n-Nitrosodimethylamine	3.652	42	521646	40.736	ng	81
6) Aniline	6.628	93	1401455	38.868	ng	98
8) 2-Chlorophenol	6.745	128	1164598	42.701	ng	96
9) Benzaldehyde	6.516	77	732855	54.966	ng	98
10) Phenol	6.604	94	1372403	42.014	ng	88
11) bis(2-Chloroethyl)ether	6.692	93	1101363	42.598	ng	94
12) 1,3-Dichlorobenzene	6.898	146	1222789	40.728	ng	98
13) 1,4-Dichlorobenzene	6.975	146	1251502	41.327	ng	100
14) 1,2-Dichlorobenzene	7.128	146	1200919	42.186	ng	99
15) Benzyl Alcohol	7.104	79	952847	42.016	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1583849	42.891	ng	93
17) 2-Methylphenol	7.204	107	943640	42.519	ng	97
18) Hexachloroethane	7.475	117	452650	42.576	ng	96
19) n-Nitroso-di-n-propyla...	7.375	70	791142	42.420	ng	89
20) 3+4-Methylphenols	7.357	107	1177185	41.711	ng	89
22) Acetophenone	7.375	105	1582792	40.897	ng	# 91
24) Nitrobenzene	7.545	77	1169361	42.728	ng	91
25) Isophorone	7.787	82	2160128	45.188	ng	97
26) 2-Nitrophenol	7.857	139	593374	46.652	ng	88
27) 2,4-Dimethylphenol	7.887	122	1082735	47.151	ng	96
28) bis(2-Chloroethoxy)met...	7.987	93	1347662	41.050	ng	99
29) 2,4-Dichlorophenol	8.098	162	975716	41.659	ng	96
30) 1,2,4-Trichlorobenzene	8.181	180	1002328	38.890	ng	97
31) Naphthalene	8.263	128	3199406	41.773	ng	99
32) Benzoic acid	8.010	122	773671	41.994	ng	96
33) 4-Chloroaniline	8.310	127	891762	28.895	ng	97
34) Hexachlorobutadiene	8.381	225	608943	39.568	ng	98
35) Caprolactam	8.704	113	156338	21.050	ng	# 73
36) 4-Chloro-3-methylphenol	8.792	107	995661	41.840	ng	87
37) 2-Methylnaphthalene	8.957	142	2160247	41.917	ng	99
38) 1-Methylnaphthalene	9.057	142	2065254	41.265	ng	98
40) 1,2,4,5-Tetrachloroben...	9.122	216	996516	40.008	ng	99
41) Hexachlorocyclopentadiene	9.110	237	1330456	101.193	ng	98
43) 2,4,6-Trichlorophenol	9.233	196	705583	41.589	ng	96

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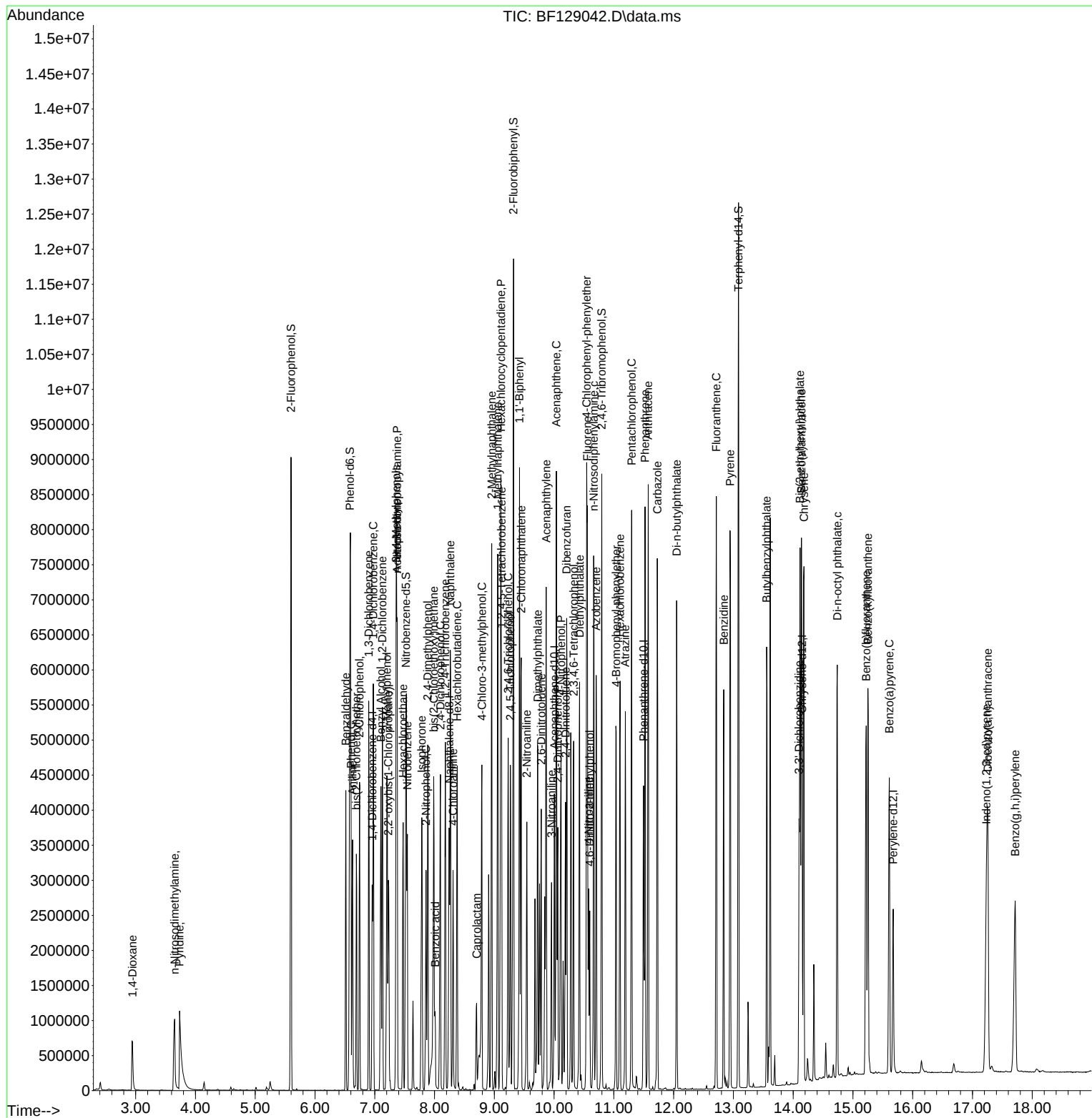
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	713527	39.539	ng	94
46) 1,1'-Biphenyl	9.422	154	2627531	41.244	ng	97
47) 2-Chloronaphthalene	9.451	162	1995883	40.570	ng	97
48) 2-Nitroaniline	9.545	65	585616	45.195	ng	# 82
49) Acenaphthylene	9.869	152	3131703	41.893	ng	97
50) Dimethylphthalate	9.728	163	2294723	41.394	ng	99
51) 2,6-Dinitrotoluene	9.786	165	519692	45.876	ng	94
52) Acenaphthene	10.039	154	2208976	45.365	ng	98
53) 3-Nitroaniline	9.957	138	438205	32.438	ng	# 86
54) 2,4-Dinitrophenol	10.063	184	509363	82.877	ng	# 80
55) Dibenzofuran	10.210	168	2837161	40.015	ng	97
56) 4-Nitrophenol	10.116	139	960596	87.030	ng	91
57) 2,4-Dinitrotoluene	10.192	165	674272	48.214	ng	# 88
58) Fluorene	10.557	166	2243896	40.914	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.328	232	622298	41.624	ng	100
60) Diethylphthalate	10.428	149	2296505	41.342	ng	97
61) 4-Chlorophenyl-phenyle...	10.545	204	1095641	40.095	ng	98
62) 4-Nitroaniline	10.580	138	578030	43.150	ng	88
63) Azobenzene	10.704	77	2221299	40.815	ng	95
65) 4,6-Dinitro-2-methylph...	10.598	198	294020	41.911	ng	90
66) n-Nitrosodiphenylamine	10.663	169	1996909	41.466	ng	96
67) 4-Bromophenyl-phenylether	11.039	248	701015	41.560	ng	93
68) Hexachlorobenzene	11.104	284	786849	41.893	ng	94
69) Atrazine	11.192	200	669278	49.388	ng	99
70) Pentachlorophenol	11.298	266	929345	83.073	ng	99
71) Phenanthrene	11.522	178	3115047	41.115	ng	96
72) Anthracene	11.575	178	3161232	42.320	ng	95
73) Carbazole	11.727	167	2996066	40.028	ng	98
74) Di-n-butylphthalate	12.051	149	3359321	42.566	ng	97
75) Fluoranthene	12.716	202	3311759	41.797	ng	94
77) Benzidine	12.839	184	2023598	96.990	ng	100
78) Pyrene	12.945	202	3359930	41.369	ng	97
80) Butylbenzylphthalate	13.557	149	1450115	43.827	ng	97
81) Benzo(a)anthracene	14.139	228	2939400	41.086	ng	96
82) 3,3'-Dichlorobenzidine	14.098	252	690208	44.649	ng	# 97
83) Chrysene	14.180	228	2659617	40.044	ng	96
84) Bis(2-ethylhexyl)phtha...	14.116	149	1991769	45.296	ng	96
85) Di-n-octyl phthalate	14.739	149	2925138	45.063	ng	96
87) Indeno(1,2,3-cd)pyrene	17.233	276	2531745	41.278	ng	99
88) Benzo(b)fluoranthene	15.221	252	2620636	43.575	ng	98
89) Benzo(k)fluoranthene	15.251	252	2561348	43.910	ng	97
90) Benzo(a)pyrene	15.610	252	2255488	46.005	ng	98
91) Dibenzo(a,h)anthracene	17.257	278	2209428	44.190	ng	97
92) Benzo(g,h,i)perylene	17.715	276	2162783	43.115	ng	99

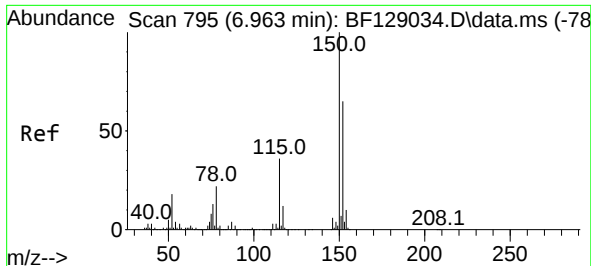
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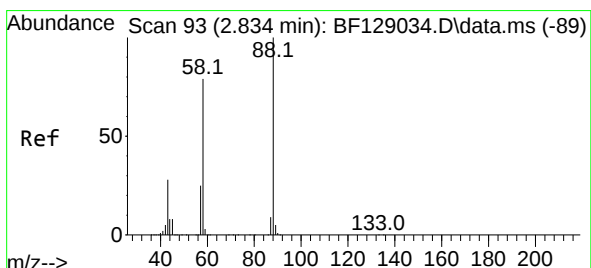
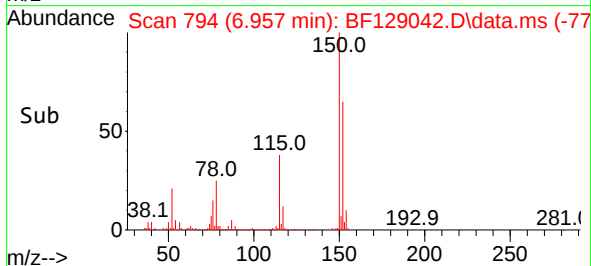
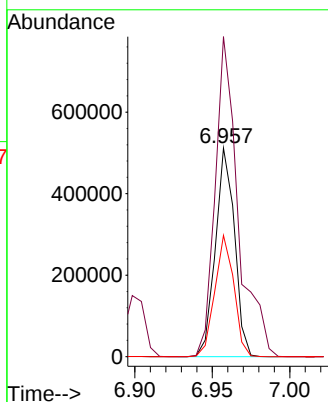
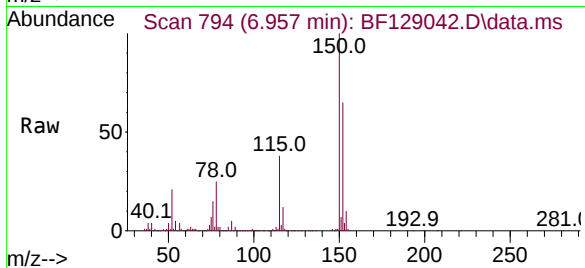




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF129042.D
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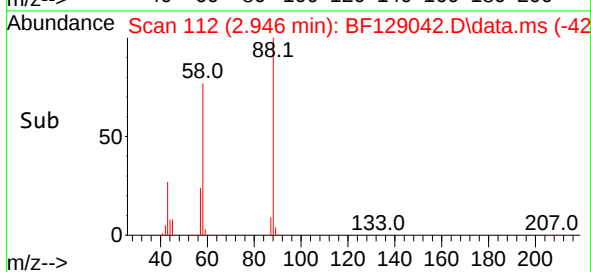
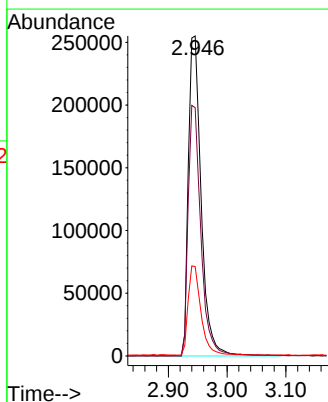
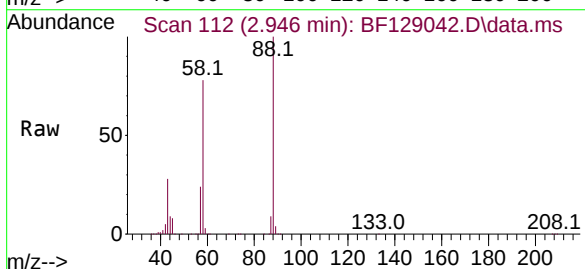
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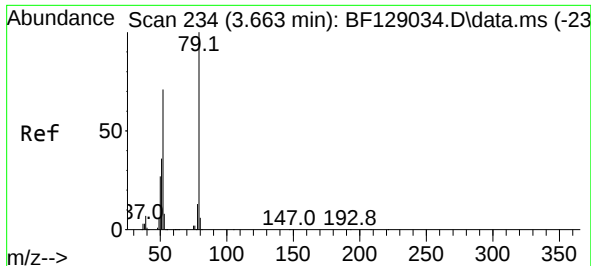
Tgt Ion:152 Resp: 438875
 Ion Ratio Lower Upper
 152 100
 150 153.4 123.7 185.5
 115 58.2 49.9 74.9



#2
 1,4-Dioxane
 Concen: 33.229 ng
 RT: 2.946 min Scan# 112
 Delta R.T. 0.112 min
 Lab File: BF129042.D
 Acq: 29 Jun 2022 18:28

Tgt Ion: 88 Resp: 384580
 Ion Ratio Lower Upper
 88 100
 58 77.9 71.8 107.8
 43 28.1 26.6 39.8

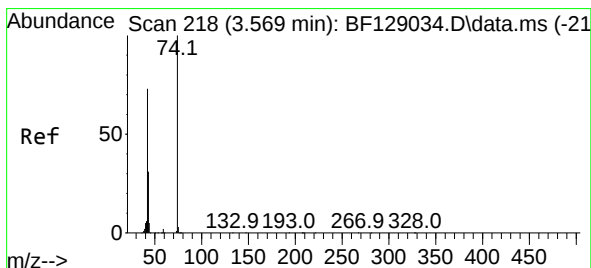
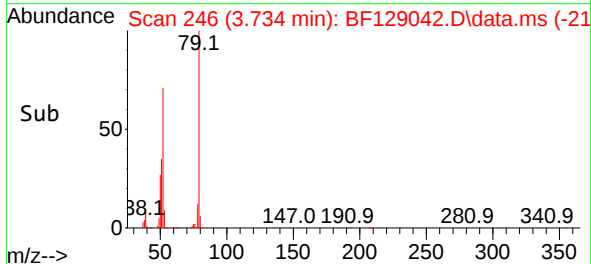
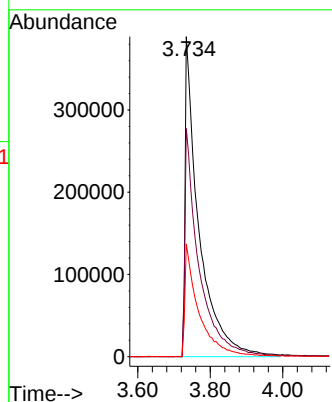
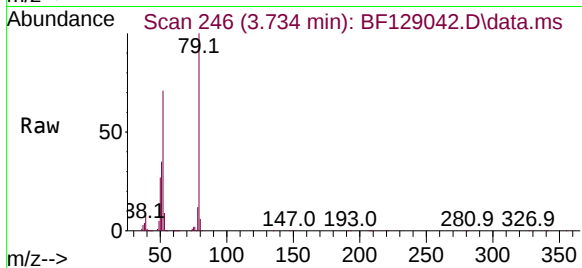




#3
Pyridine
Concen: 36.141 ng
RT: 3.734 min Scan# 24
Delta R.T. 0.071 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

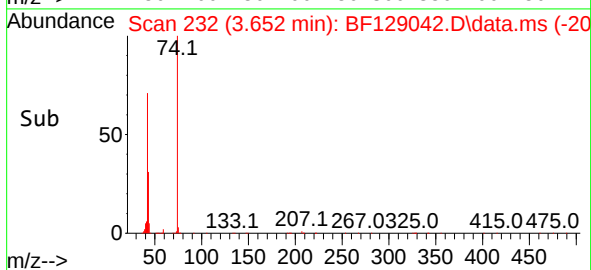
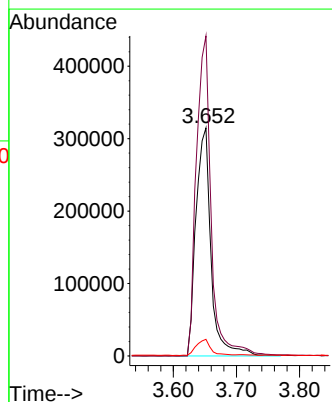
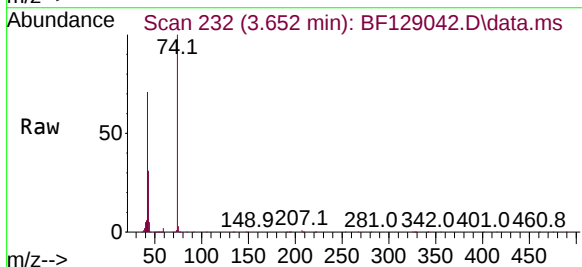
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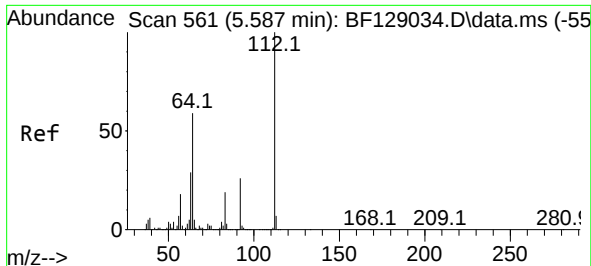
Tgt Ion: 79 Resp: 1021484
Ion Ratio Lower Upper
79 100
52 71.3 68.6 102.8
51 35.2 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 40.736 ng
RT: 3.652 min Scan# 232
Delta R.T. 0.082 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion: 42 Resp: 521646
Ion Ratio Lower Upper
42 100
74 140.3 94.8 142.2
44 7.3 6.6 10.0

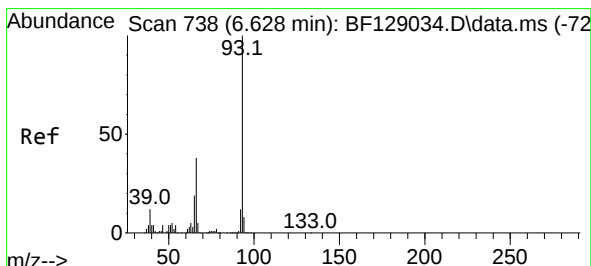
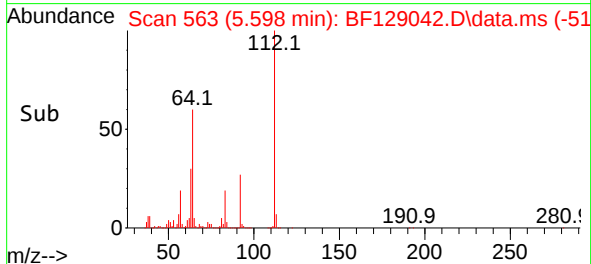
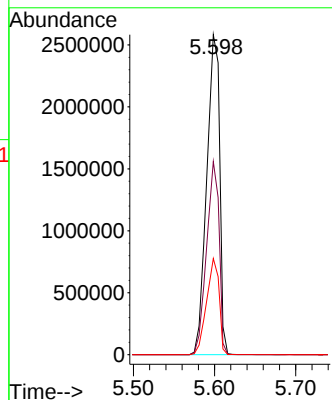
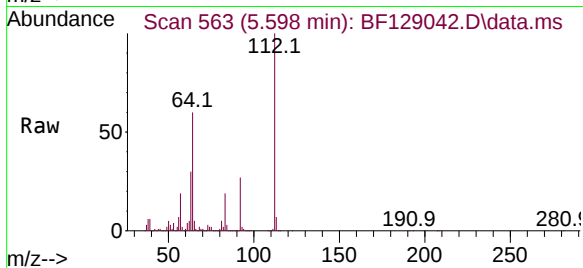




#5
2-Fluorophenol
Concen: 109.815 ng
RT: 5.598 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

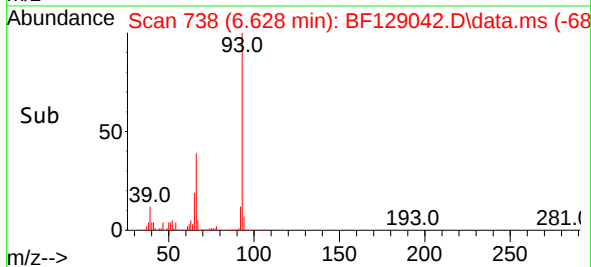
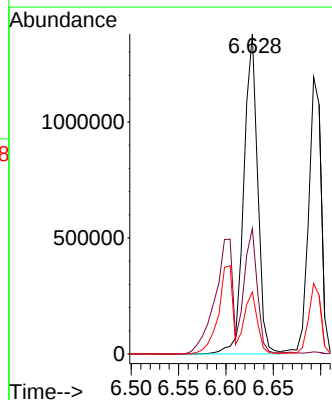
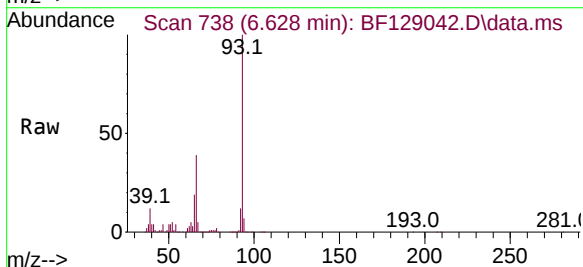
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Tgt Ion:112 Resp: 2850710
Ion Ratio Lower Upper
112 100
64 60.3 53.3 79.9
63 30.1 28.0 42.0



#6
Aniline
Concen: 38.868 ng
RT: 6.628 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion: 93 Resp: 1401455
Ion Ratio Lower Upper
93 100
66 39.2 32.5 48.7
65 19.3 16.4 24.6

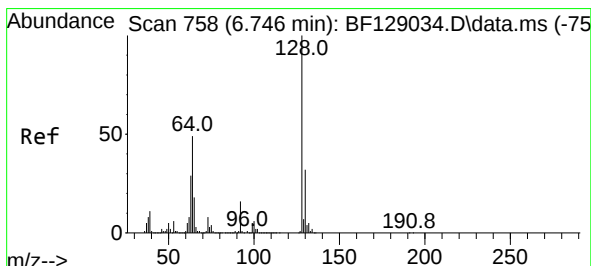
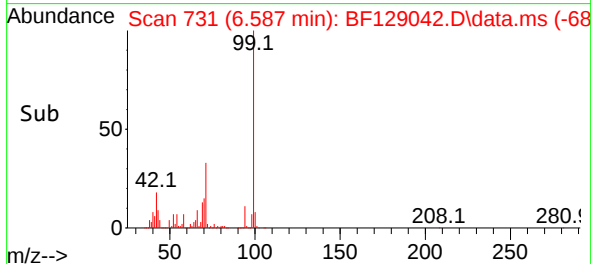
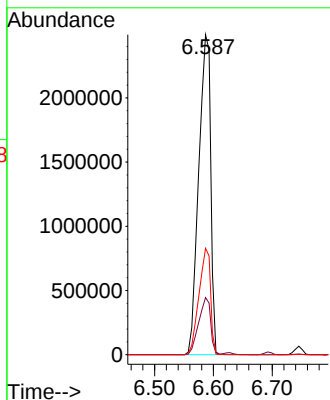
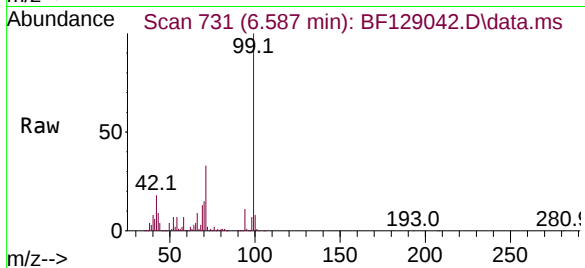




#7
Phenol-d6
Concen: 109.113 ng
RT: 6.587 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

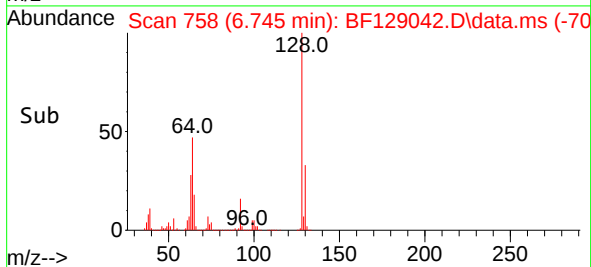
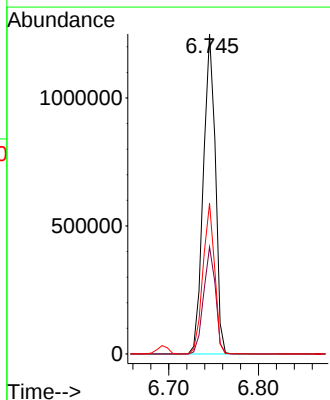
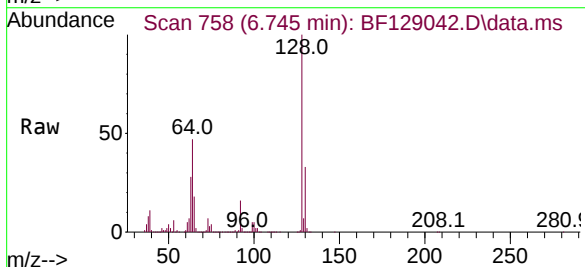
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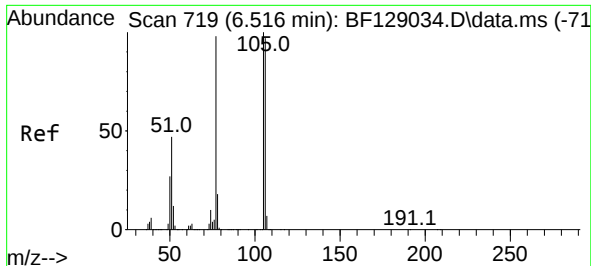
Tgt Ion: 99 Resp: 3517846
Ion Ratio Lower Upper
99 100
42 17.8 17.3 25.9
71 33.2 28.9 43.3



#8
2-Chlorophenol
Concen: 42.701 ng
RT: 6.745 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion:128 Resp: 1164598
Ion Ratio Lower Upper
128 100
130 33.4 13.1 53.1
64 47.0 30.9 70.9





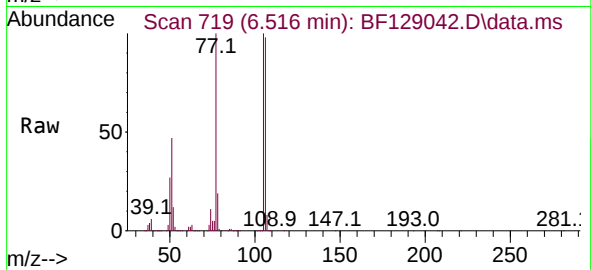
#9
Benzaldehyde
Concen: 54.966 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Instrument :

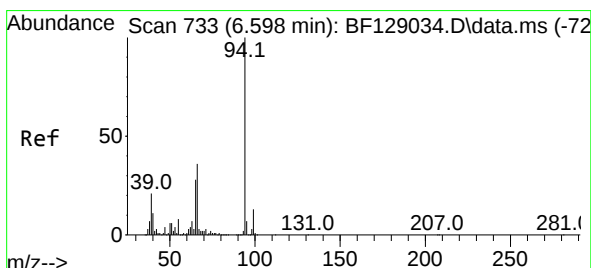
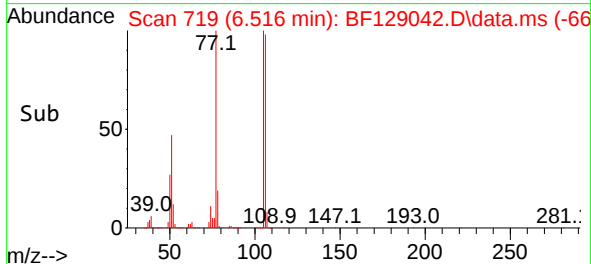
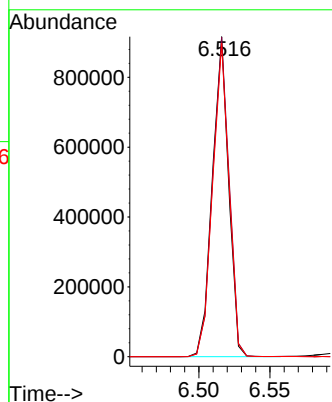
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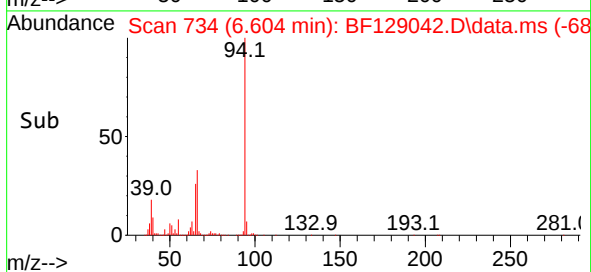
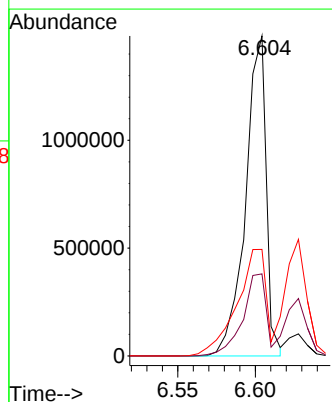
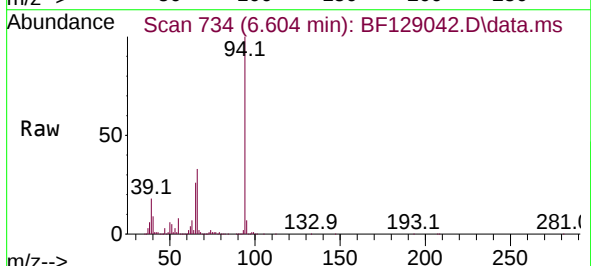


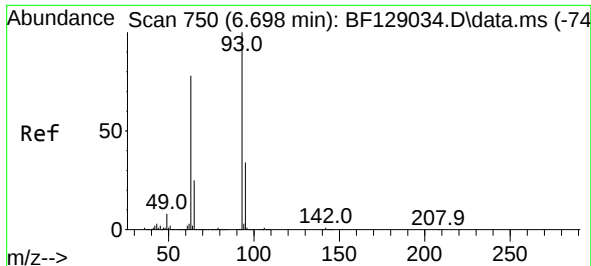
Tgt Ion: 77 Resp: 732855
Ion Ratio Lower Upper
77 100
105 99.8 81.6 121.6
106 97.9 76.1 116.1



#10
Phenol
Concen: 42.014 ng
RT: 6.604 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion: 94 Resp: 1372403
Ion Ratio Lower Upper
94 100
65 25.6 11.4 51.4
66 33.3 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 42.598 ng

RT: 6.692 min Scan# 749

Delta R.T. -0.006 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

Instrument :

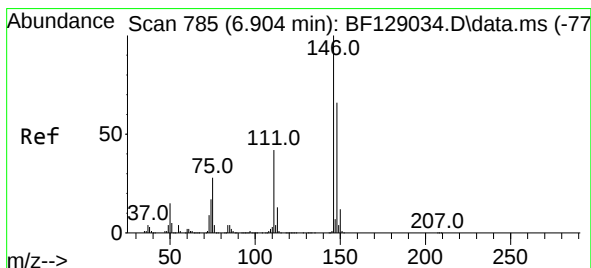
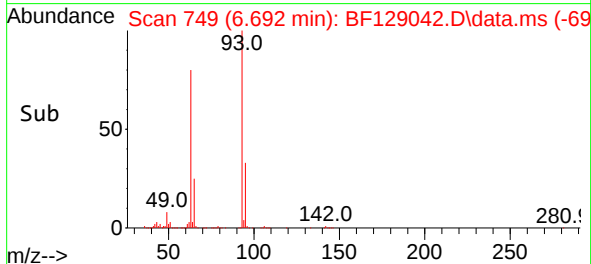
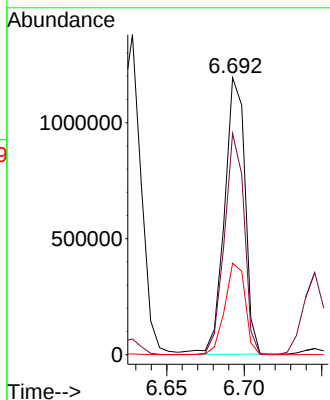
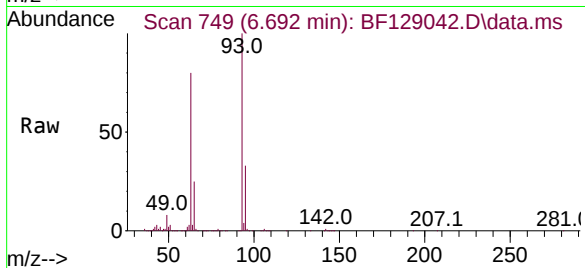
BNA_F

ClientSampleId :

PB145737BS

Tgt Ion: 93 Resp: 1101363

Ion	Ratio	Lower	Upper
93	100		
63	79.9	67.4	107.4
95	33.1	12.7	52.7



#12

1,3-Dichlorobenzene

Concen: 40.728 ng

RT: 6.898 min Scan# 784

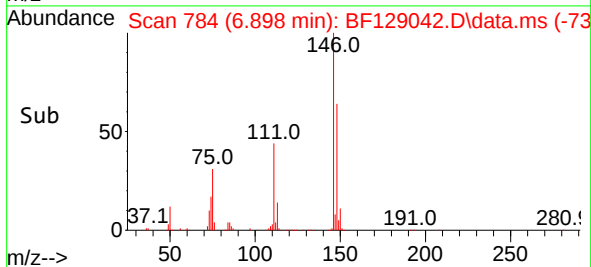
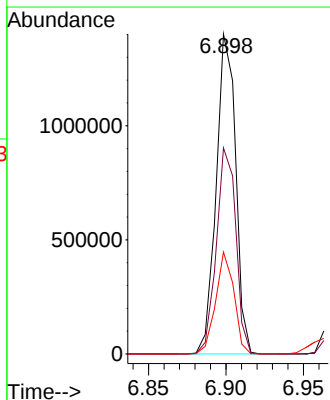
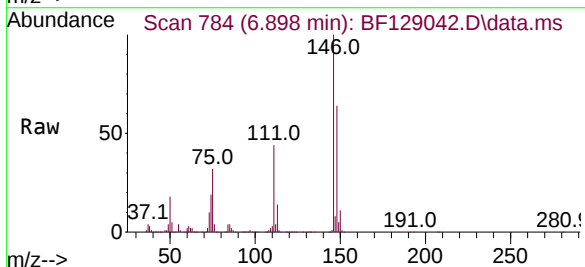
Delta R.T. -0.006 min

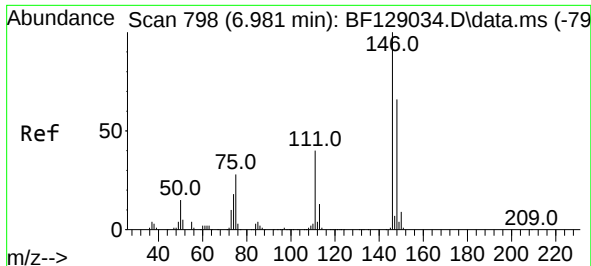
Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

Tgt Ion: 146 Resp: 1222789

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	75.8
75	31.9	26.3	39.5





#13

1,4-Dichlorobenzene

Concen: 41.327 ng

RT: 6.975 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

Instrument :

BNA_F

ClientSampleId :

PB145737BS

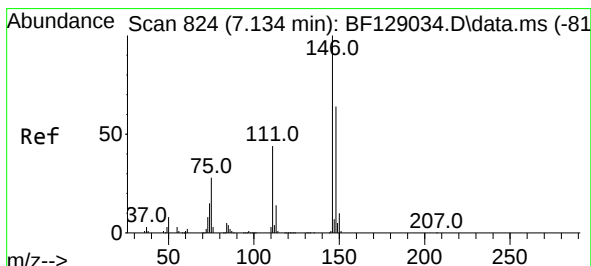
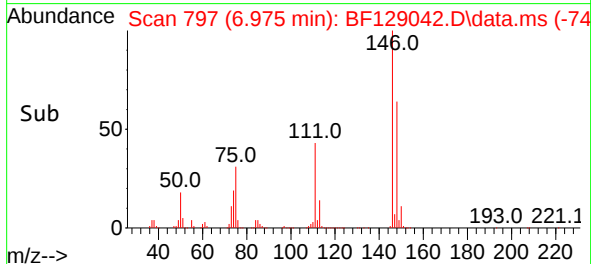
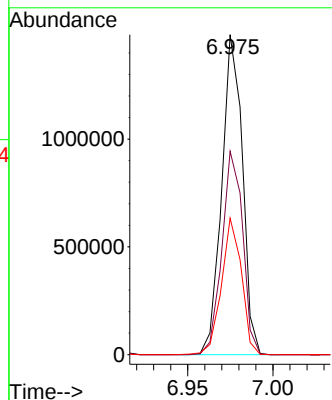
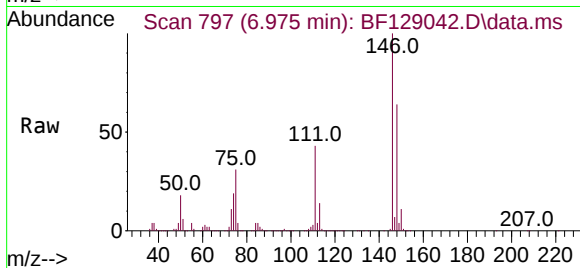
Tgt Ion:146 Resp: 1251502

Ion Ratio Lower Upper

146 100

148 63.5 51.1 76.7

111 42.7 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 42.186 ng

RT: 7.128 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

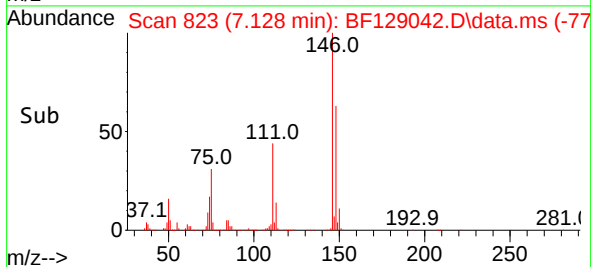
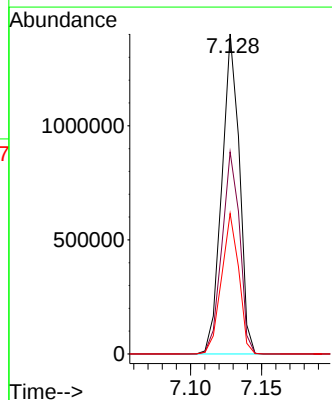
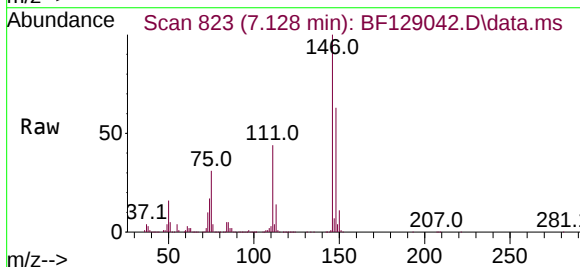
Tgt Ion:146 Resp: 1200919

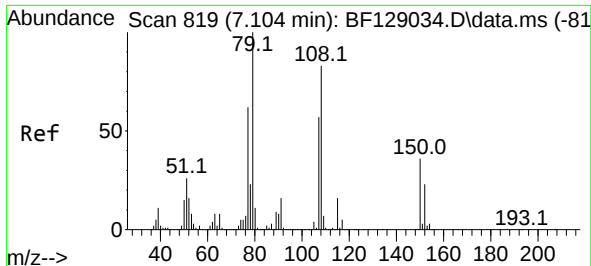
Ion Ratio Lower Upper

146 100

148 63.2 51.8 77.8

111 43.9 35.1 52.7

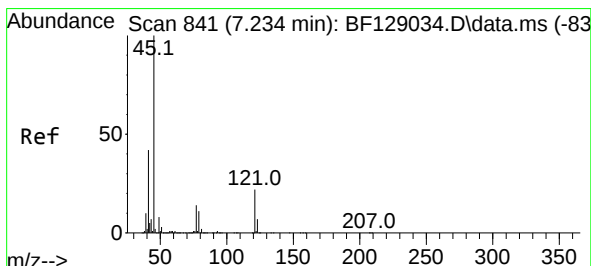
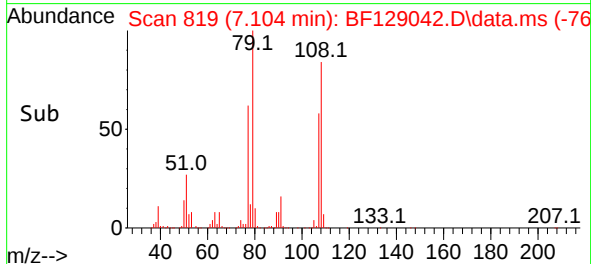
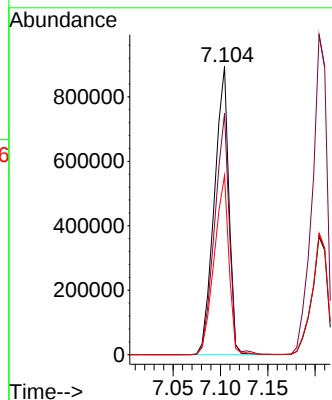
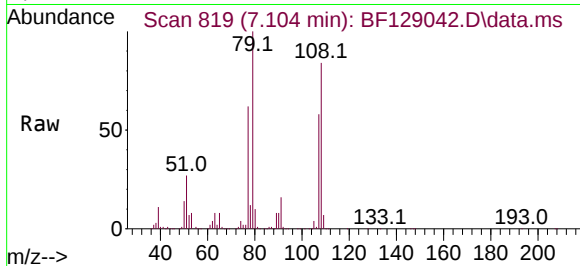




#15
Benzyl Alcohol
Concen: 42.016 ng
RT: 7.104 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

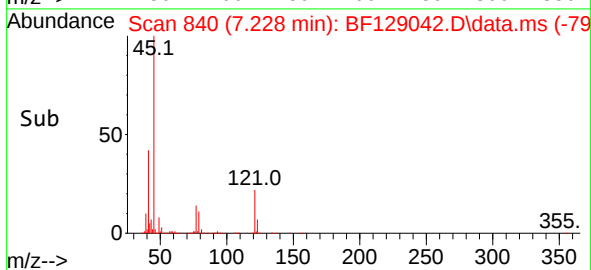
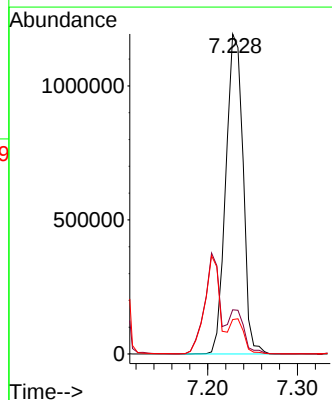
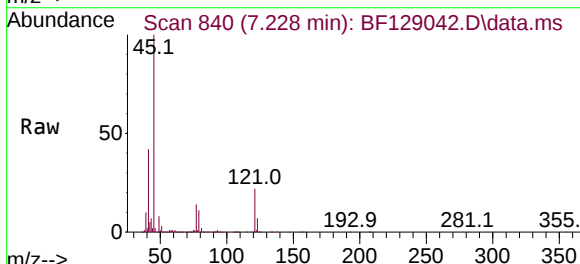
Instrument :
BNA_F
ClientSampleId :
PB145737BS

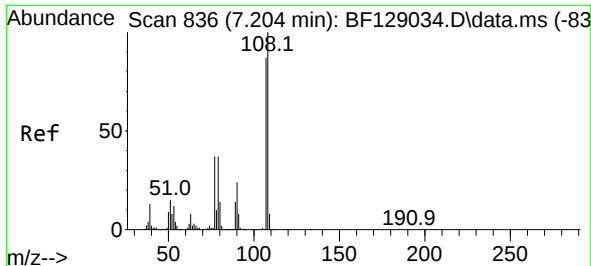
Tgt Ion: 79 Resp: 952847
Ion Ratio Lower Upper
79 100
108 83.8 61.8 92.6
77 62.2 50.2 75.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.891 ng
RT: 7.228 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion: 45 Resp: 1583849
Ion Ratio Lower Upper
45 100
77 13.8 0.0 31.3
79 10.7 0.0 28.3

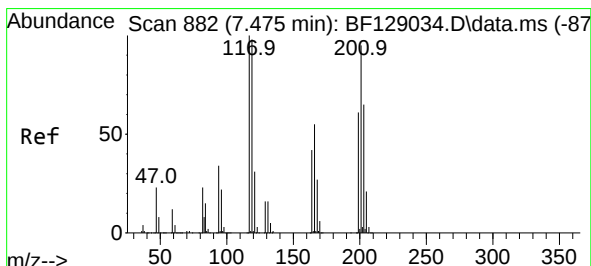
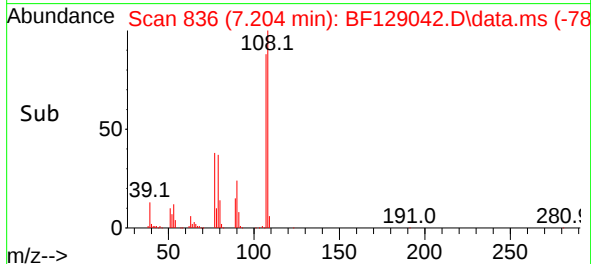
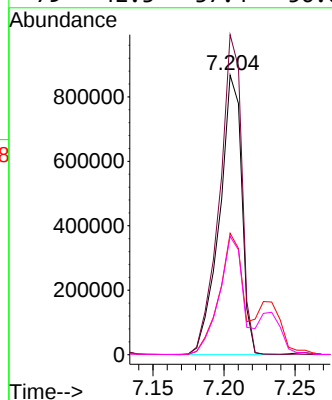
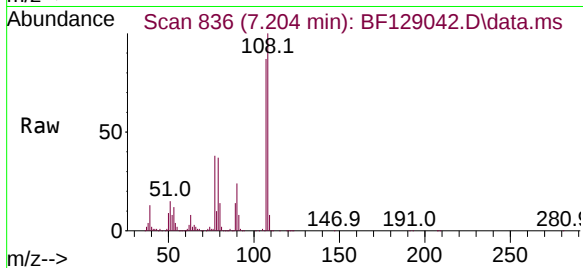




#17
2-Methylphenol
Concen: 42.519 ng
RT: 7.204 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

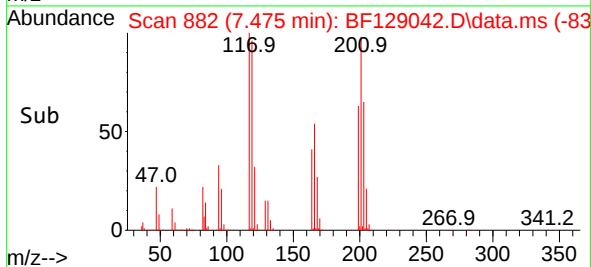
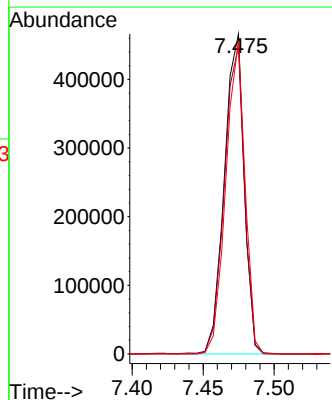
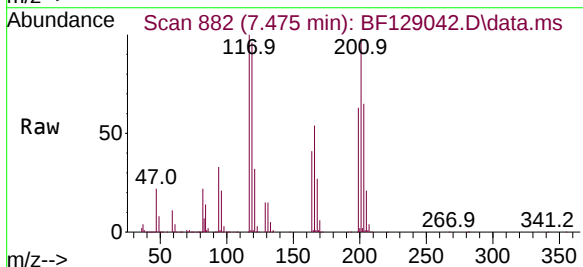
Instrument :
BNA_F
ClientSampleId :
PB145737BS

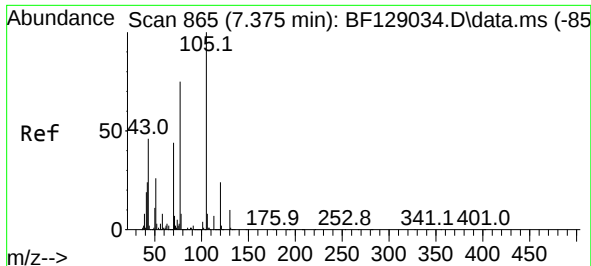
Tgt Ion:107 Resp: 943640
Ion Ratio Lower Upper
107 100
108 114.5 91.9 137.9
77 43.5 37.8 56.8
79 42.3 37.4 56.0



#18
Hexachloroethane
Concen: 42.576 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion:117 Resp: 452650
Ion Ratio Lower Upper
117 100
119 96.1 77.4 116.2
201 97.8 84.6 127.0

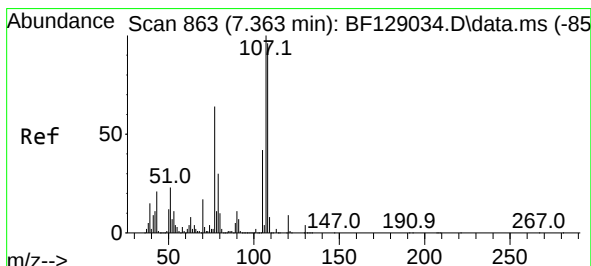
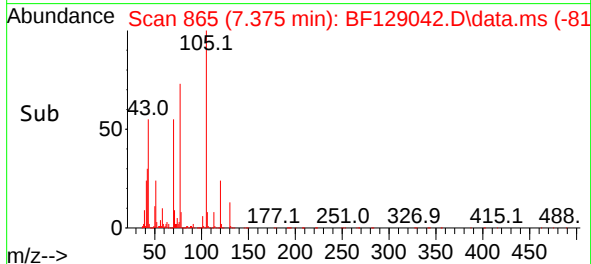
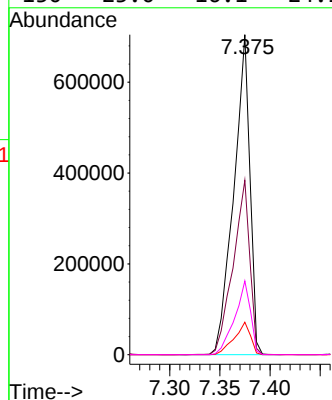
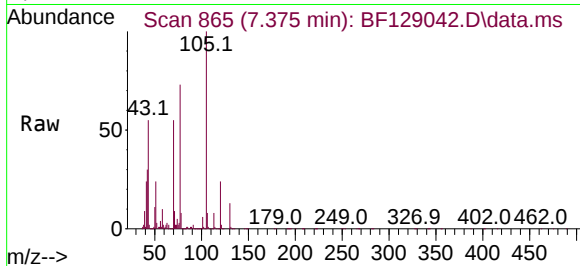




#19
n-Nitroso-di-n-propylamine
Concen: 42.420 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

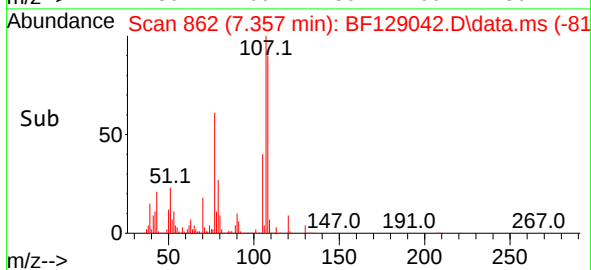
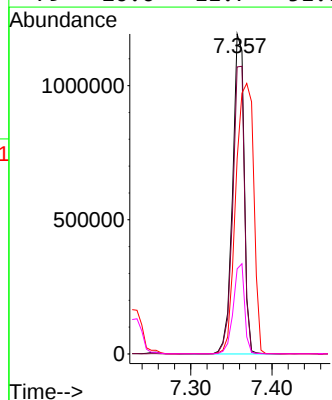
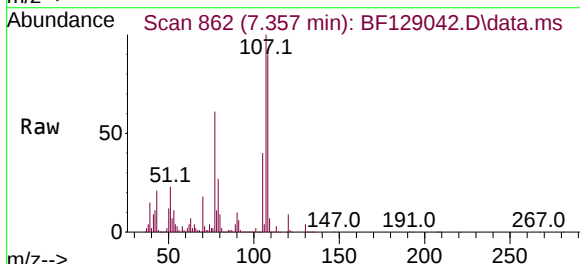
Instrument :
BNA_F
ClientSampleId :
PB145737BS

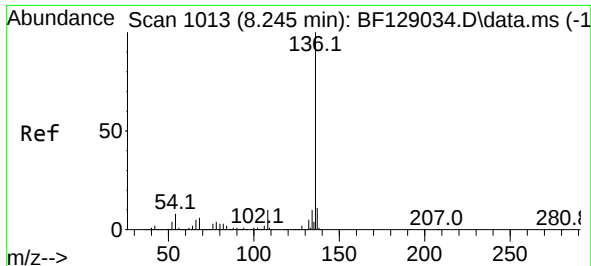
Tgt Ion: 70 Resp: 791142
Ion Ratio Lower Upper
70 100
42 54.5 52.3 78.5
101 10.2 7.5 11.3
130 23.0 16.1 24.1



#20
3+4-Methylphenols
Concen: 41.711 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion: 107 Resp: 1177185
Ion Ratio Lower Upper
107 100
108 89.7 71.8 111.8
77 61.1 59.3 99.3
79 26.6 11.7 51.7

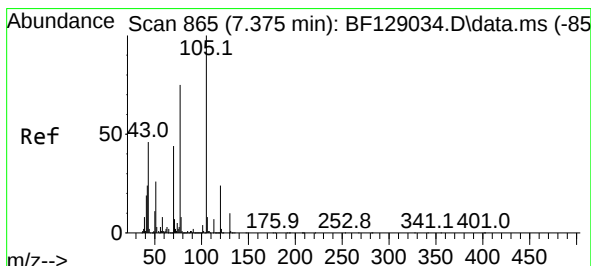
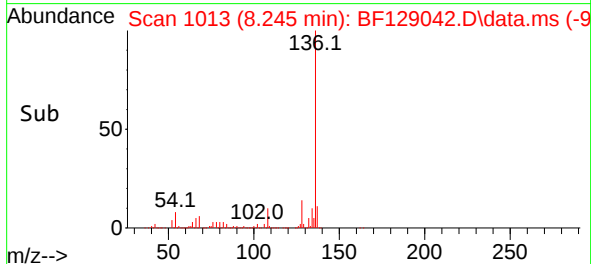
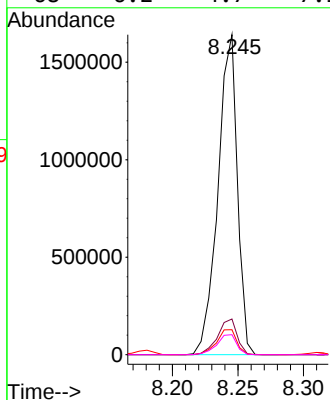
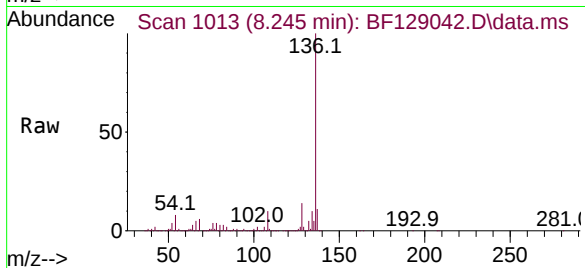




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

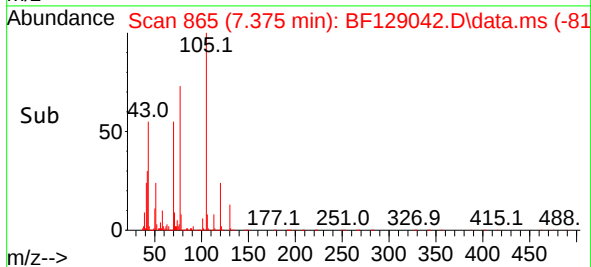
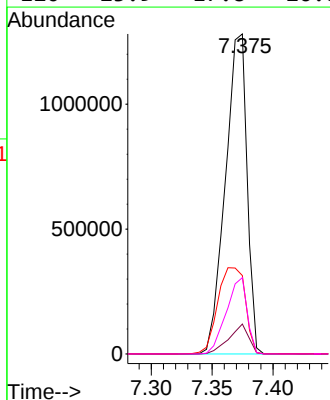
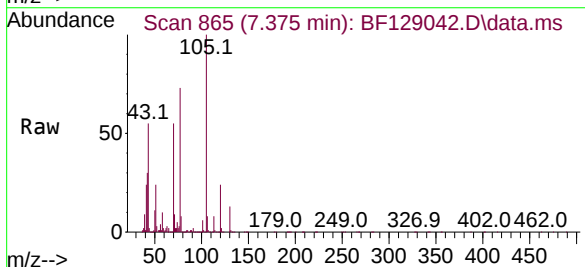
Instrument :
BNA_F
ClientSampleId :
PB145737BS

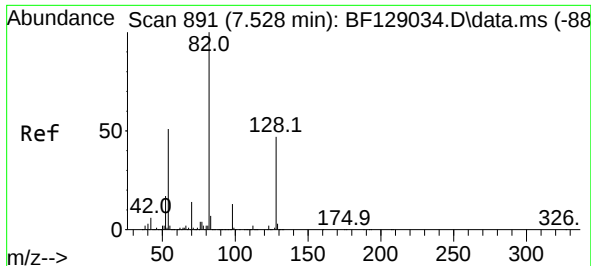
Tgt Ion:136 Resp: 1687096
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.8 7.5 11.3
68 6.2 4.7 7.1



#22
Acetophenone
Concen: 40.897 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion:105 Resp: 1582792
Ion Ratio Lower Upper
105 100
71 9.3 5.0 7.4#
51 24.5 25.0 37.4#
120 23.9 17.8 26.8





#23

Nitrobenzene-d5

Concen: 78.963 ng

RT: 7.522 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

Instrument :

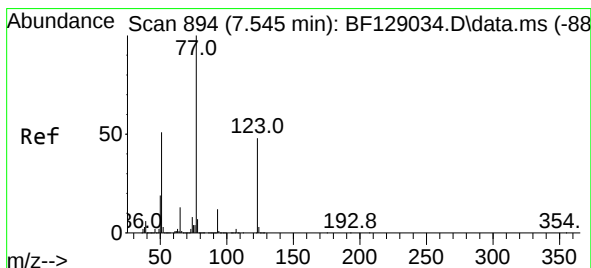
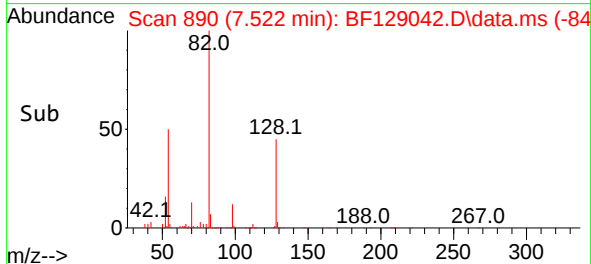
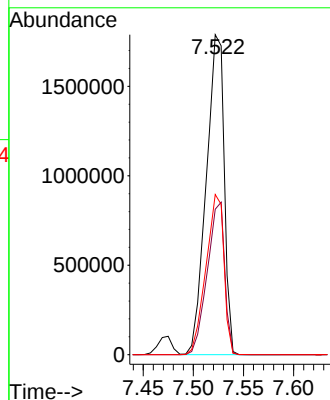
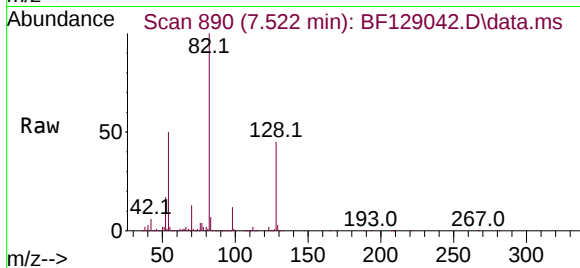
BNA_F

ClientSampleId :

PB145737BS

Tgt Ion: 82 Resp: 2233467

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.0	51.0
54	50.1	46.9	70.3



#24

Nitrobenzene

Concen: 42.728 ng

RT: 7.545 min Scan# 894

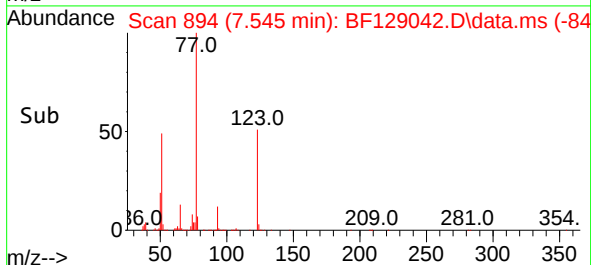
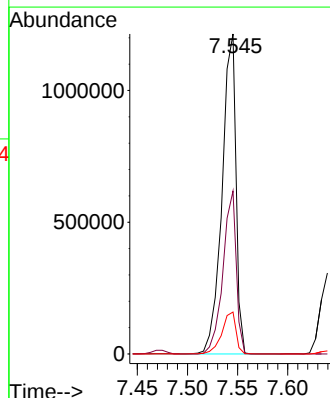
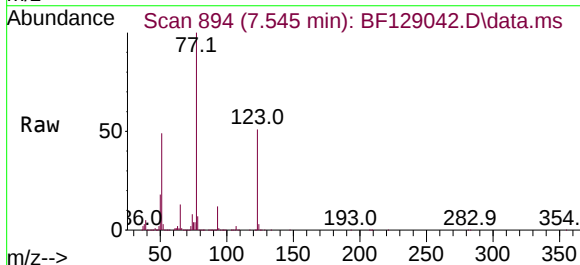
Delta R.T. -0.000 min

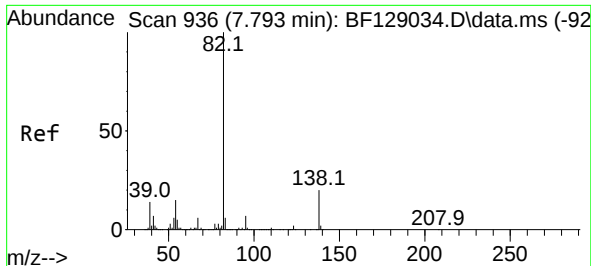
Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

Tgt Ion: 77 Resp: 1169361

Ion	Ratio	Lower	Upper
77	100		
123	50.9	35.4	53.2
65	13.1	11.8	17.8

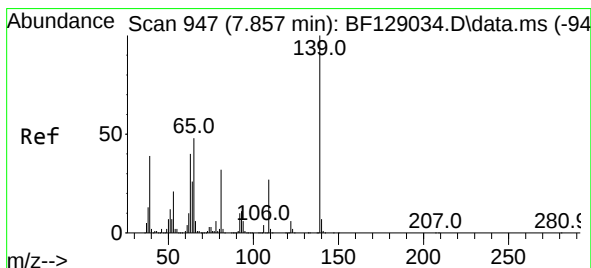
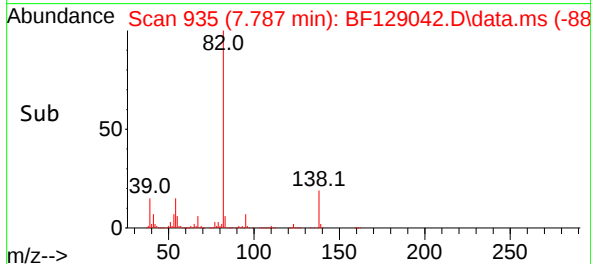
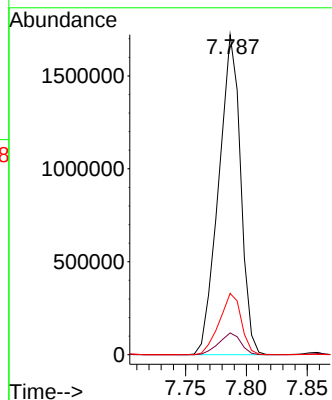
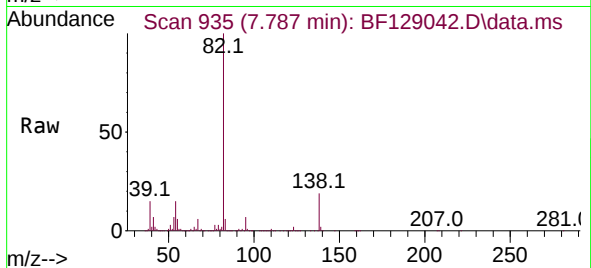




#25
Isophorone
Concen: 45.188 ng
RT: 7.787 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

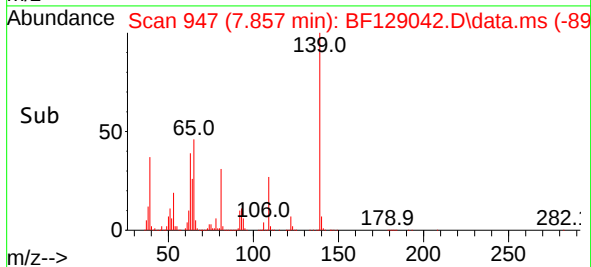
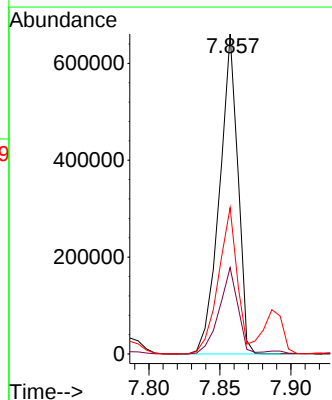
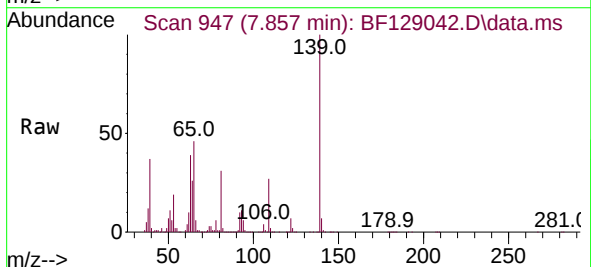
Instrument :
BNA_F
ClientSampleId :
PB145737BS

Tgt Ion: 82 Resp: 2160128
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 19.1 14.2 21.2



#26
2-Nitrophenol
Concen: 46.652 ng
RT: 7.857 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion:139 Resp: 593374
Ion Ratio Lower Upper
139 100
109 27.0 25.0 37.4
65 45.7 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 47.151 ng

RT: 7.887 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

Instrument :

BNA_F

ClientSampleId :

PB145737BS

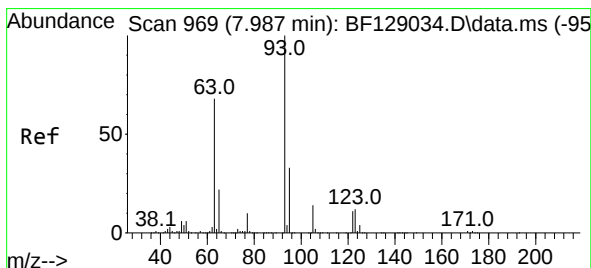
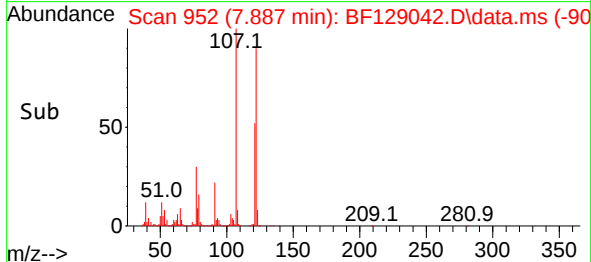
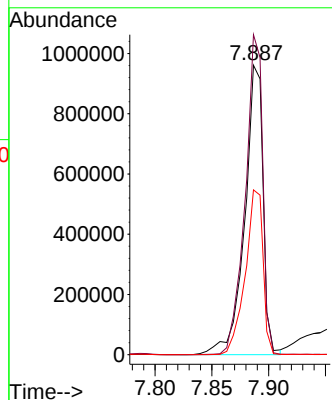
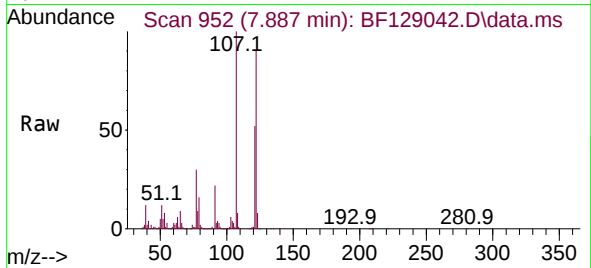
Tgt Ion:122 Resp: 1082735

Ion Ratio Lower Upper

122 100

107 110.6 93.0 139.6

121 57.0 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.050 ng

RT: 7.987 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

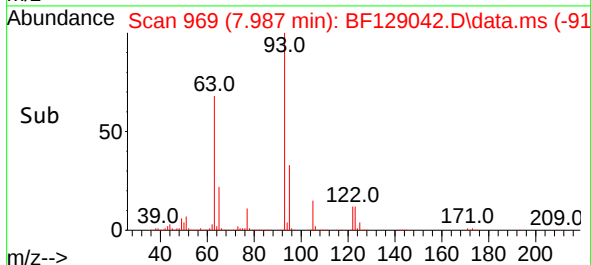
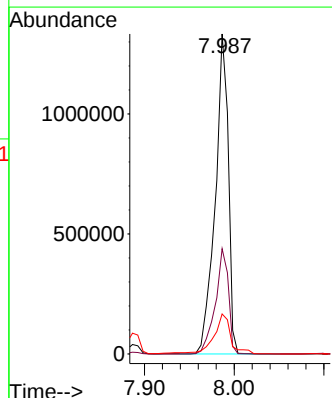
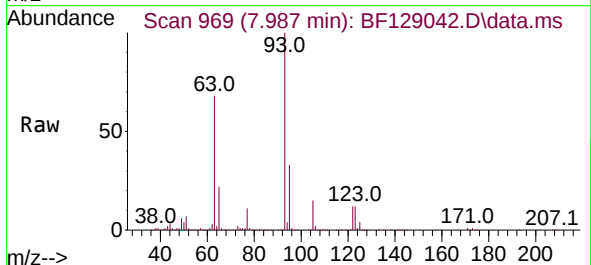
Tgt Ion: 93 Resp: 1347662

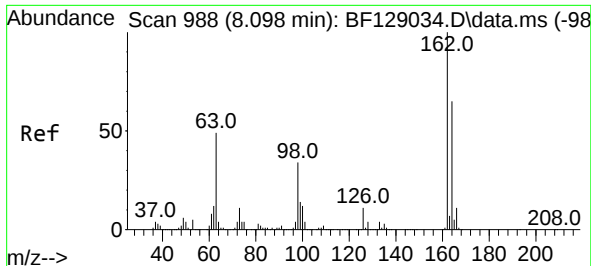
Ion Ratio Lower Upper

93 100

95 32.9 26.8 40.2

123 12.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 41.659 ng

RT: 8.098 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

Instrument :

BNA_F

ClientSampleId :

PB145737BS

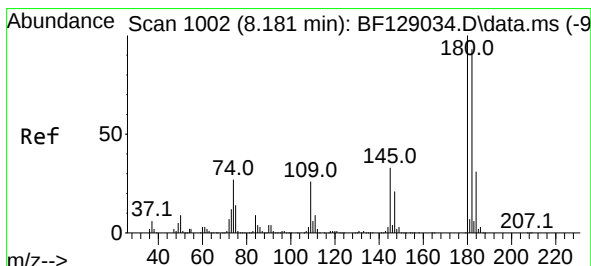
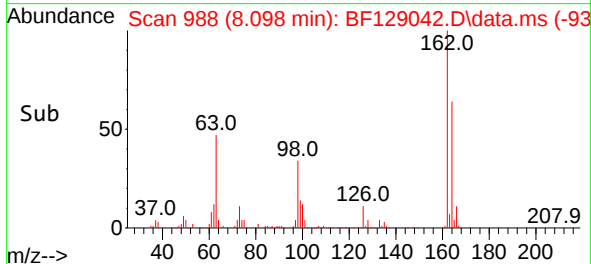
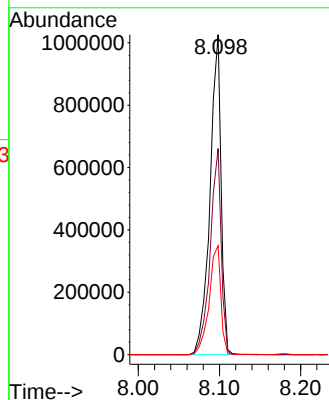
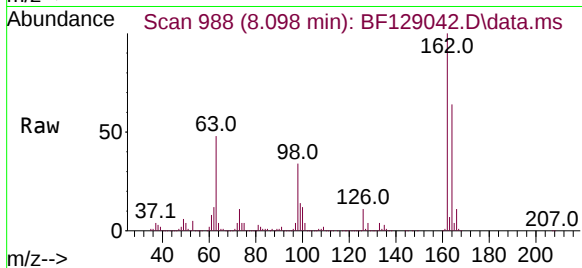
Tgt Ion:162 Resp: 975716

Ion Ratio Lower Upper

162 100

164 64.4 44.2 84.2

98 34.0 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 38.890 ng

RT: 8.181 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

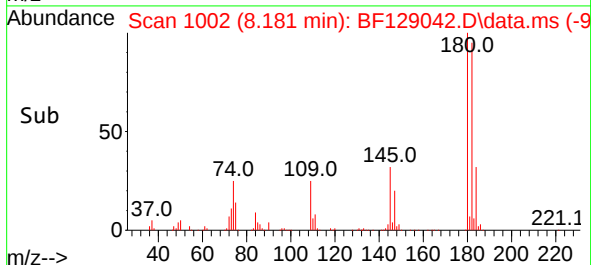
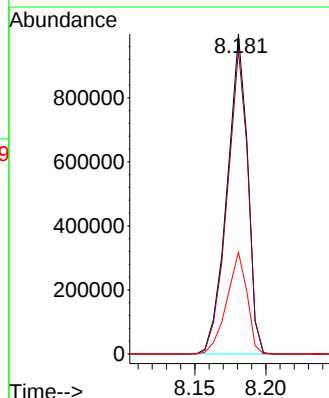
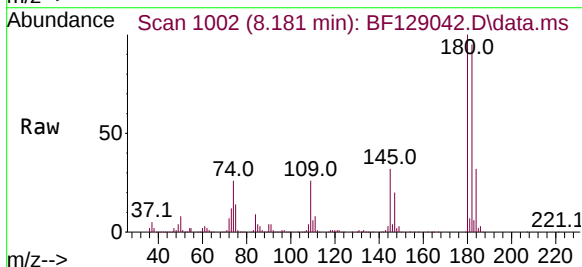
Tgt Ion:180 Resp: 1002328

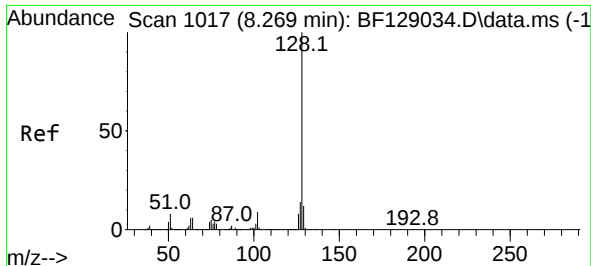
Ion Ratio Lower Upper

180 100

182 95.0 79.2 118.8

145 31.8 26.2 39.2

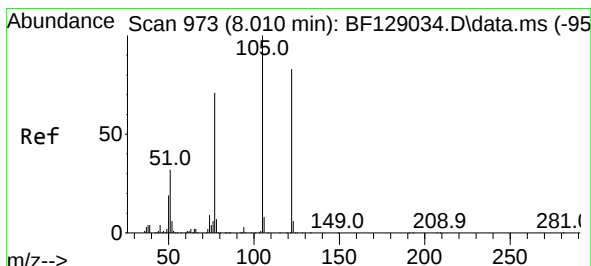
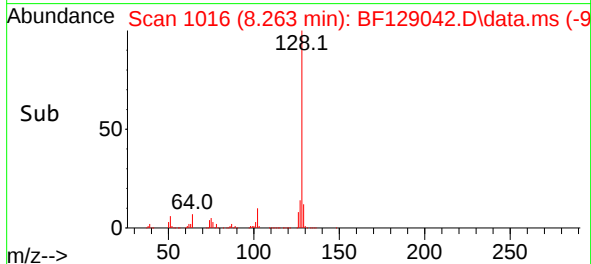
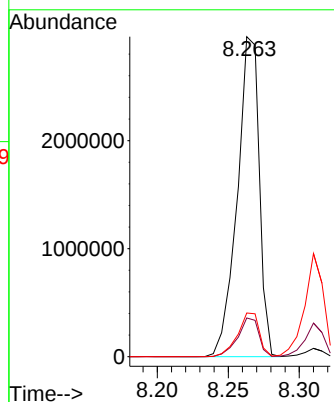
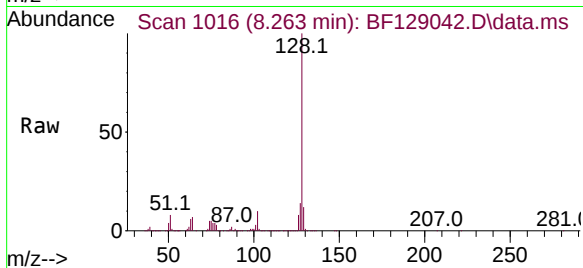




#31
Naphthalene
Concen: 41.773 ng
RT: 8.263 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

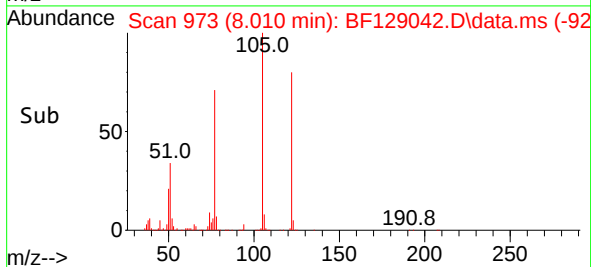
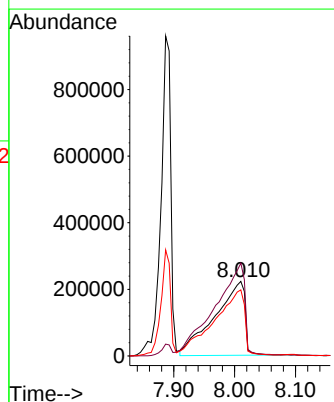
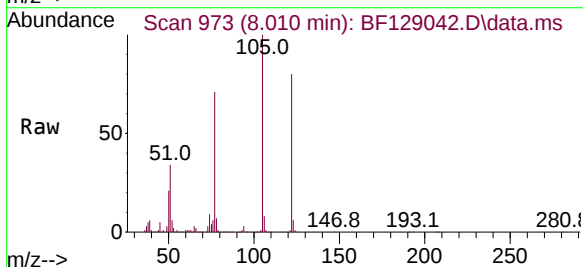
Instrument :
BNA_F
ClientSampleId :
PB145737BS

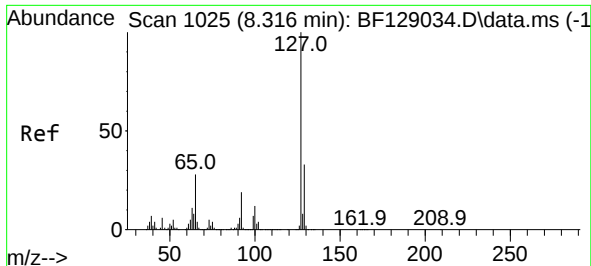
Tgt Ion:128 Resp: 3199406
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 13.7 10.5 15.7



#32
Benzoic acid
Concen: 41.994 ng
RT: 8.010 min Scan# 973
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion:122 Resp: 773671
Ion Ratio Lower Upper
122 100
105 124.6 107.1 147.1
77 88.7 74.2 114.2



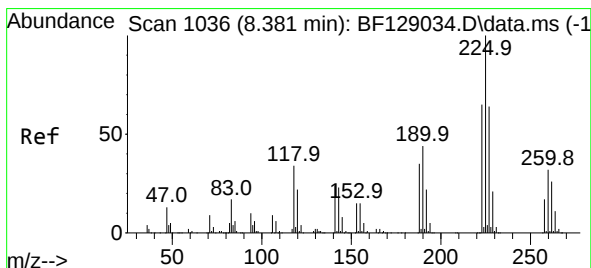
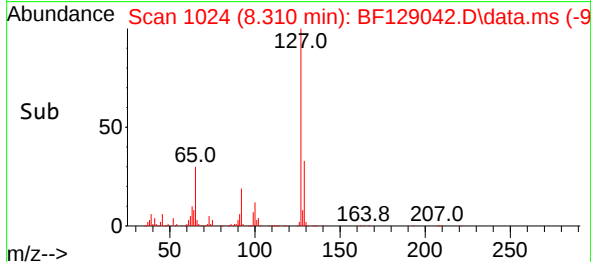
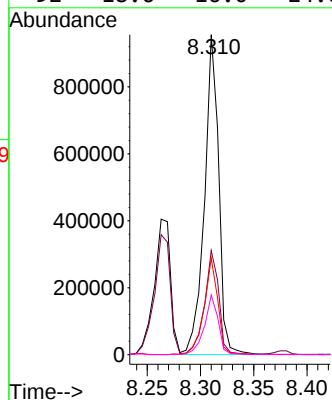
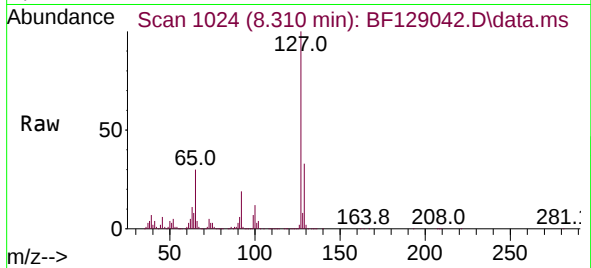


#33
4-Chloroaniline
Concen: 28.895 ng
RT: 8.310 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Instrument :
BNA_F
ClientSampleId :
PB145737BS

Tgt Ion:127 Resp: 891762

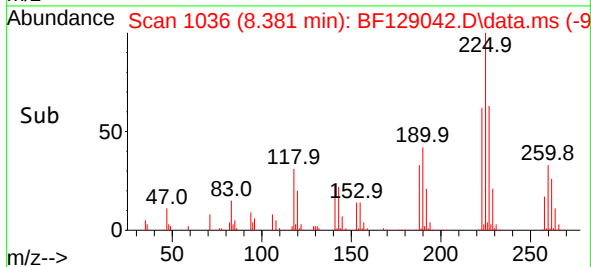
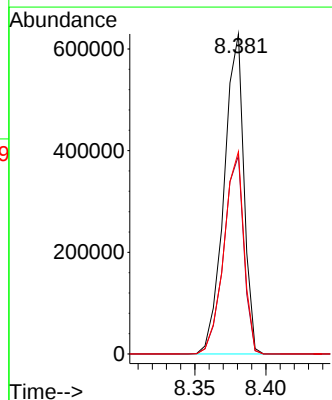
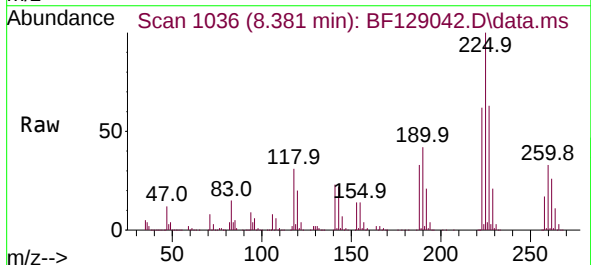
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.4	39.6
65	30.2	26.4	39.6
92	18.6	16.0	24.0

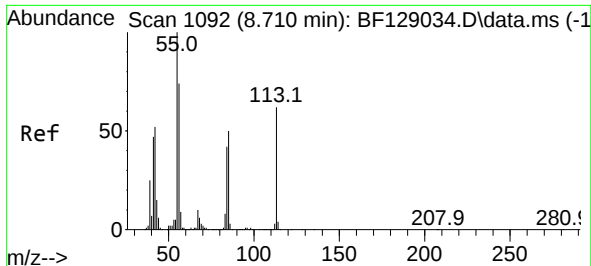


#34
Hexachlorobutadiene
Concen: 39.568 ng
RT: 8.381 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion:225 Resp: 608943

Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.0	76.6
227	63.2	51.1	76.7

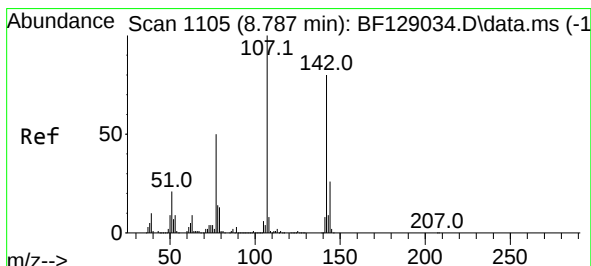
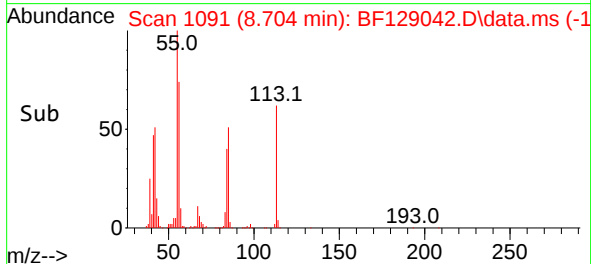
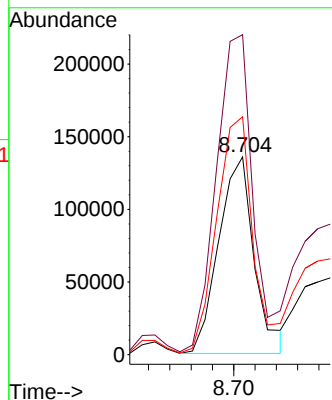
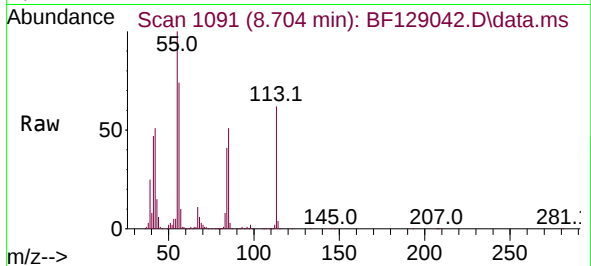




#35
Caprolactam
Concen: 21.050 ng
RT: 8.704 min Scan# 1091
Delta R.T. -0.006 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

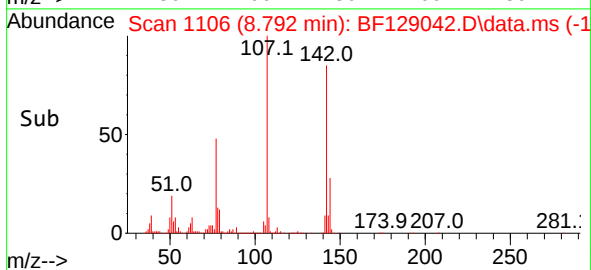
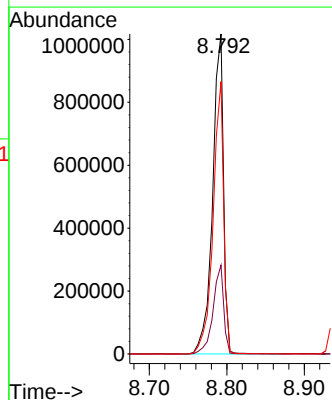
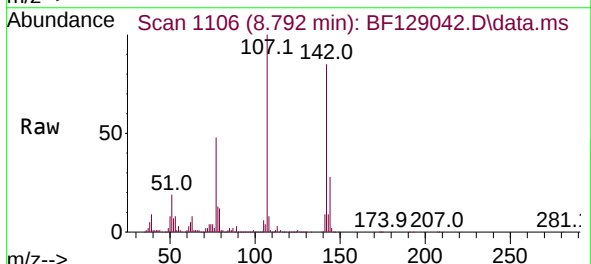
Instrument :
BNA_F
ClientSampleId :
PB145737BS

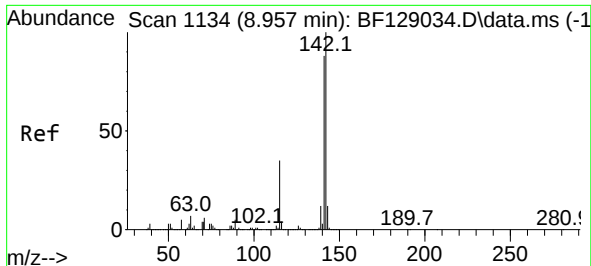
Tgt Ion:113 Resp: 156338
Ion Ratio Lower Upper
113 100
55 161.8 188.5 228.5#
56 120.3 130.6 170.6#



#36
4-Chloro-3-methylphenol
Concen: 41.840 ng
RT: 8.792 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion:107 Resp: 995661
Ion Ratio Lower Upper
107 100
144 27.7 19.5 29.3
142 85.1 58.2 87.4





#37

2-Methylnaphthalene

Concen: 41.917 ng

RT: 8.957 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

Instrument :

BNA_F

ClientSampleId :

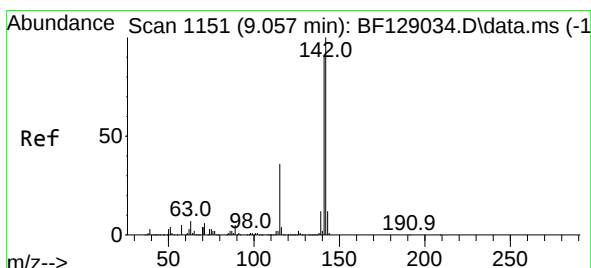
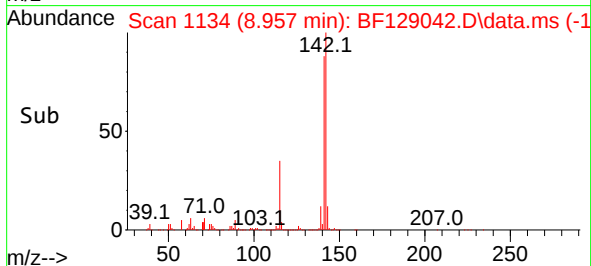
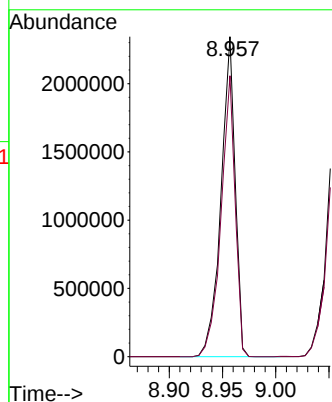
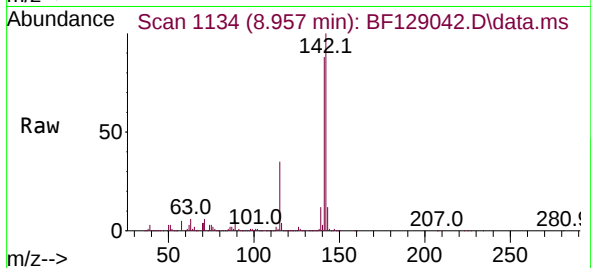
PB145737BS

Tgt Ion:142 Resp: 2160247

Ion Ratio Lower Upper

142 100

141 87.8 71.0 106.4



#38

1-Methylnaphthalene

Concen: 41.265 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF129042.D

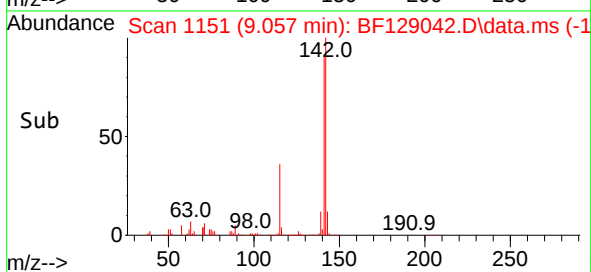
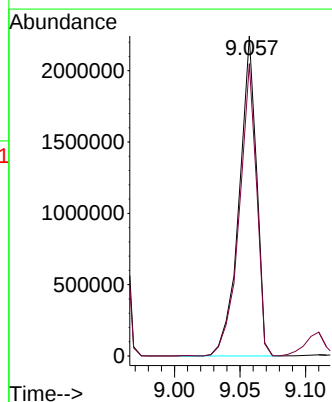
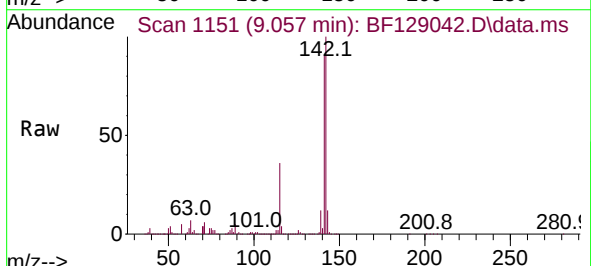
Acq: 29 Jun 2022 18:28

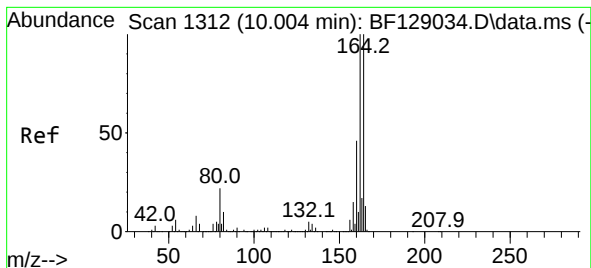
Tgt Ion:142 Resp: 2065254

Ion Ratio Lower Upper

142 100

141 91.3 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

Instrument :

BNA_F

ClientSampleId :

PB145737BS

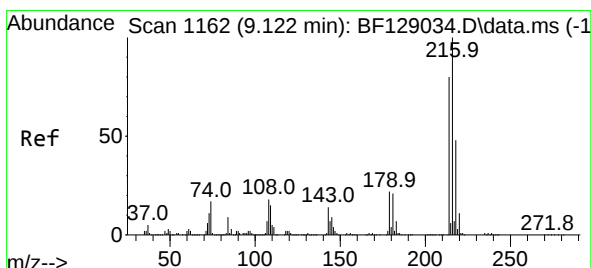
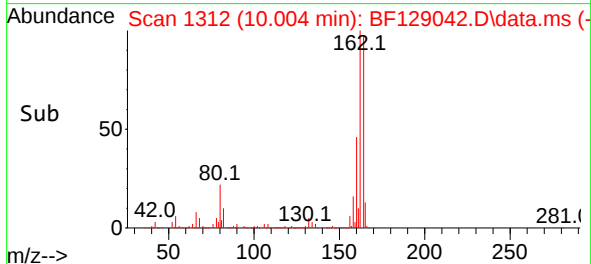
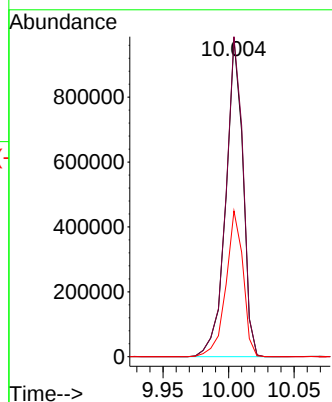
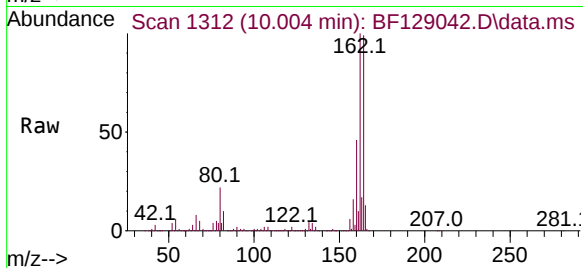
Tgt Ion:164 Resp: 886134

Ion Ratio Lower Upper

164 100

162 100.9 79.5 119.3

160 46.0 34.2 51.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.008 ng

RT: 9.122 min Scan# 1162

Delta R.T. -0.000 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

Tgt Ion:216 Resp: 996516

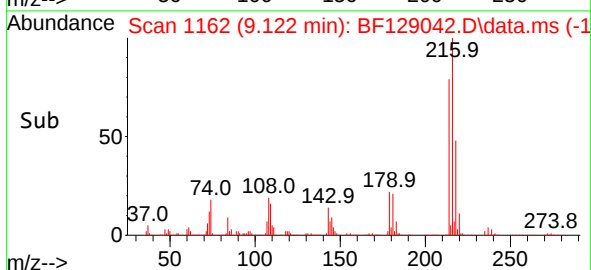
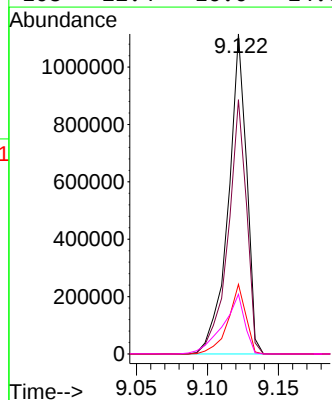
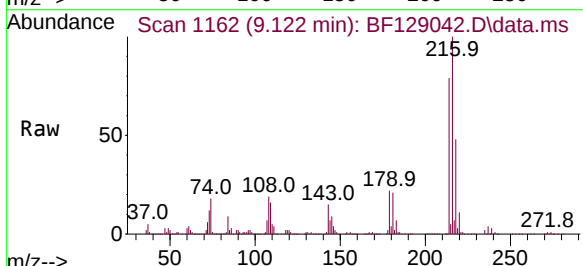
Ion Ratio Lower Upper

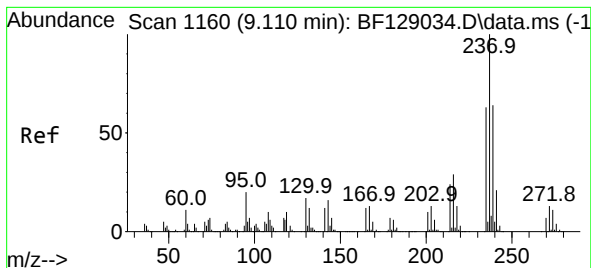
216 100

214 79.5 63.6 95.4

179 21.2 17.0 25.6

108 22.4 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 101.193 ng

RT: 9.110 min Scan# 1160

Delta R.T. -0.000 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

Instrument :

BNA_F

ClientSampleId :

PB145737BS

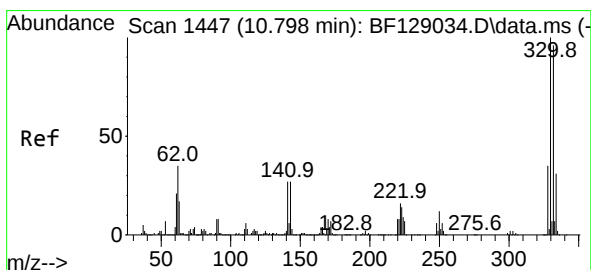
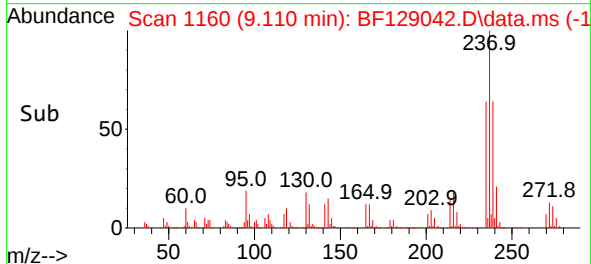
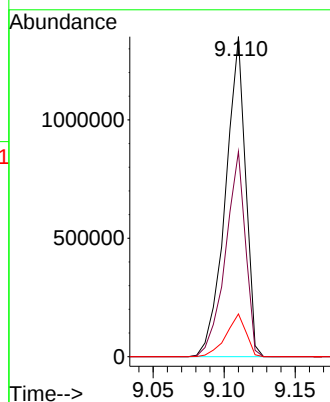
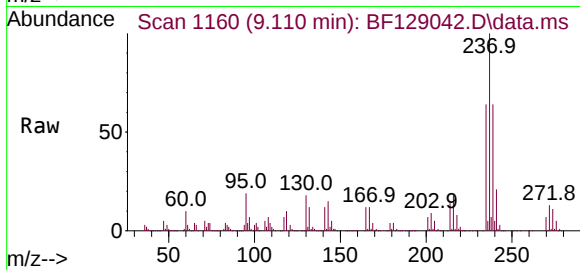
Tgt Ion:237 Resp: 1330456

Ion Ratio Lower Upper

237 100

235 64.1 43.2 83.2

272 13.3 0.0 31.9



#42

2,4,6-Tribromophenol

Concen: 116.557 ng

RT: 10.798 min Scan# 1447

Delta R.T. -0.000 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

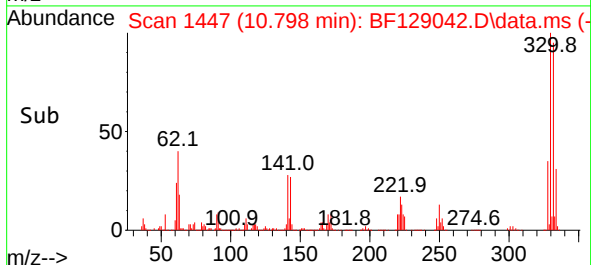
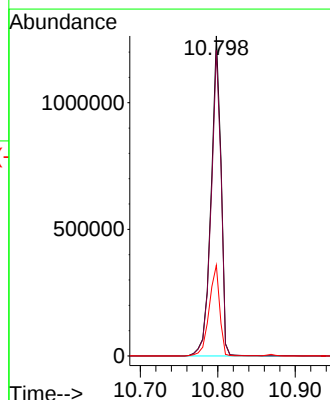
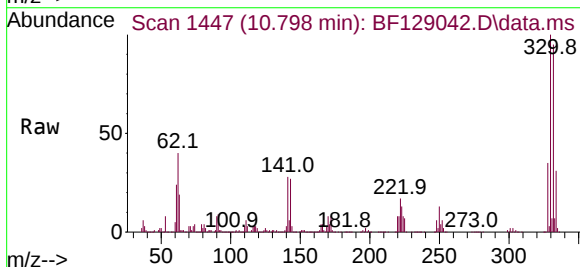
Tgt Ion:330 Resp: 1123076

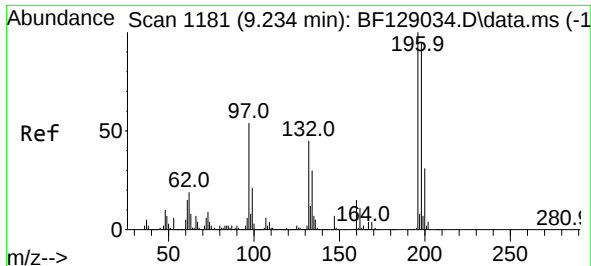
Ion Ratio Lower Upper

330 100

332 95.8 76.8 115.2

141 30.0 28.0 42.0

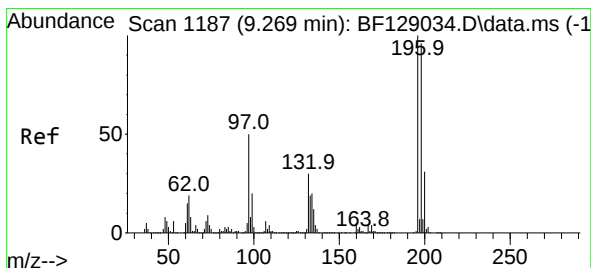
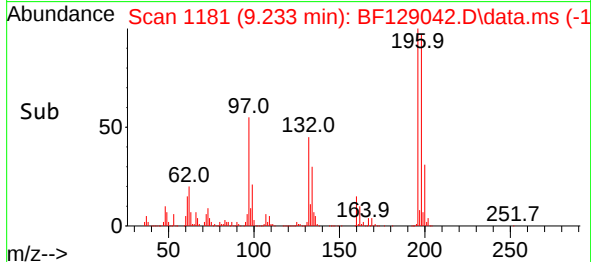
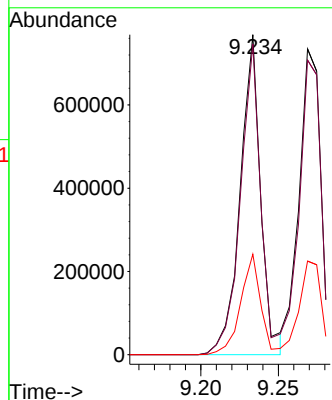
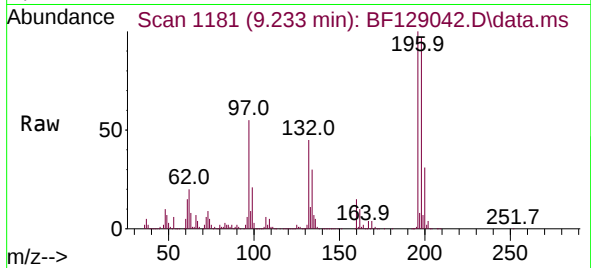




#43
2,4,6-Trichlorophenol
Concen: 41.589 ng
RT: 9.233 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

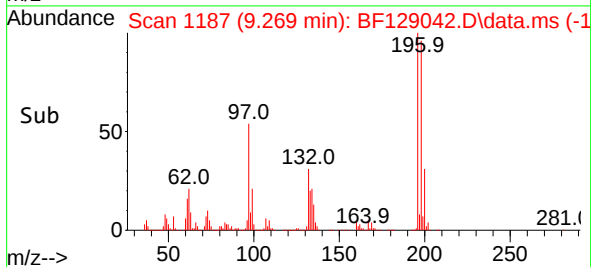
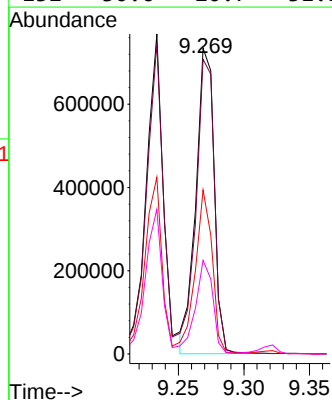
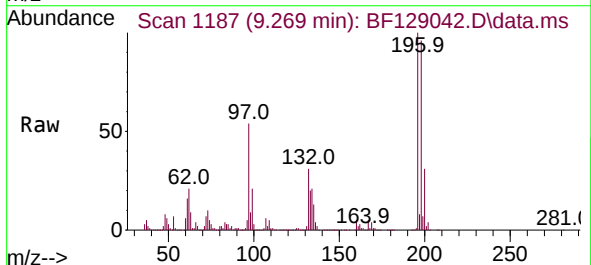
Instrument :
BNA_F
ClientSampleId :
PB145737BS

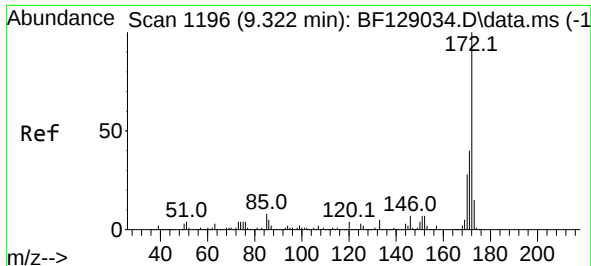
Tgt Ion:196 Resp: 705583
Ion Ratio Lower Upper
196 100
198 97.1 74.0 111.0
200 31.4 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 39.539 ng
RT: 9.269 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion:196 Resp: 713527
Ion Ratio Lower Upper
196 100
198 96.3 75.7 113.5
97 53.6 36.4 54.6
132 30.6 20.7 31.1

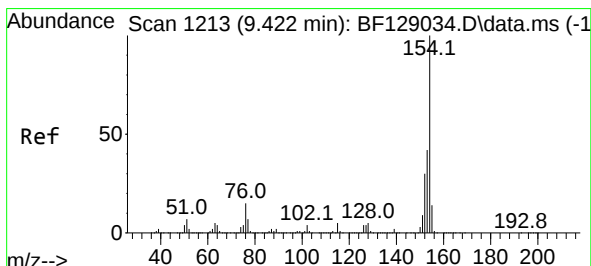
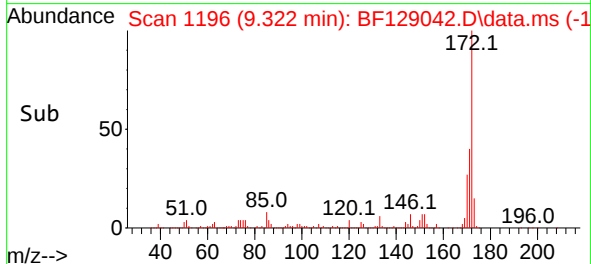
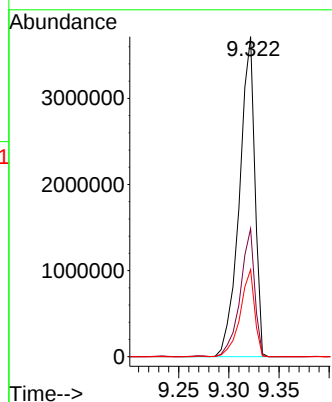
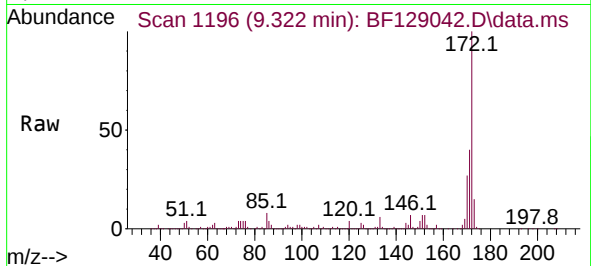




#45
2-Fluorobiphenyl
Concen: 72.293 ng
RT: 9.322 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

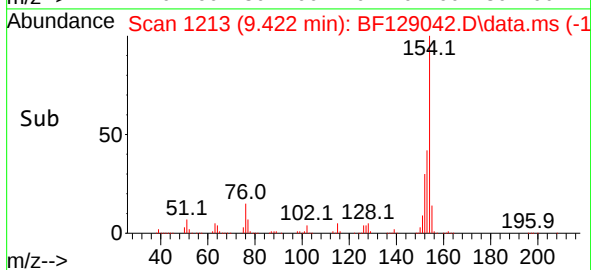
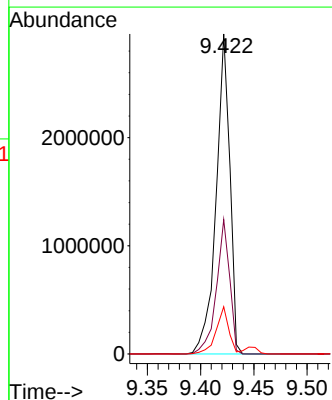
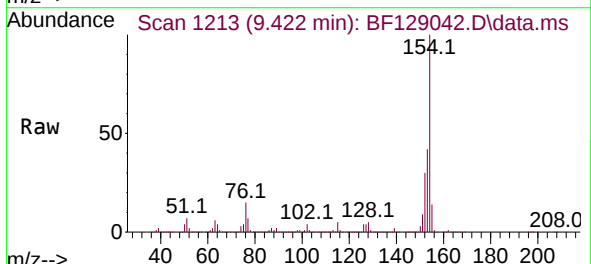
Instrument :
BNA_F
ClientSampleId :
PB145737BS

Tgt Ion:172 Resp: 4004387
Ion Ratio Lower Upper
172 100
171 40.0 28.8 43.2
170 27.2 19.8 29.8



#46
1,1'-Biphenyl
Concen: 41.244 ng
RT: 9.422 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion:154 Resp: 2627531
Ion Ratio Lower Upper
154 100
153 42.0 20.6 60.6
76 14.8 0.0 33.3





#47

2-Chloronaphthalene

Concen: 40.570 ng

RT: 9.451 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

Instrument :

BNA_F

ClientSampleId :

PB145737BS

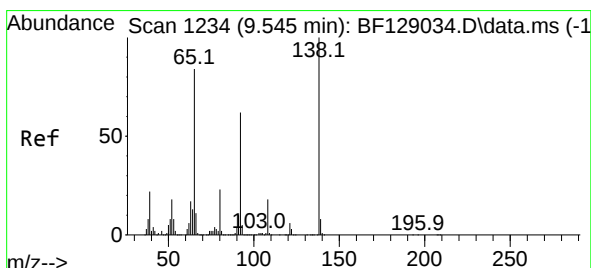
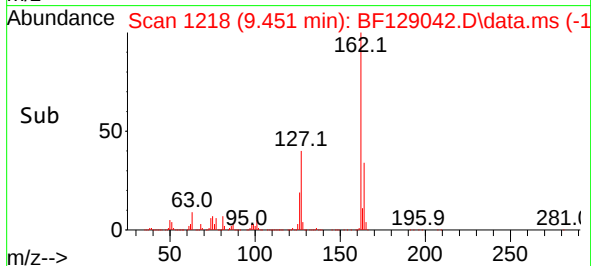
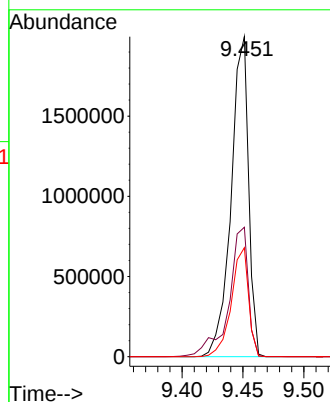
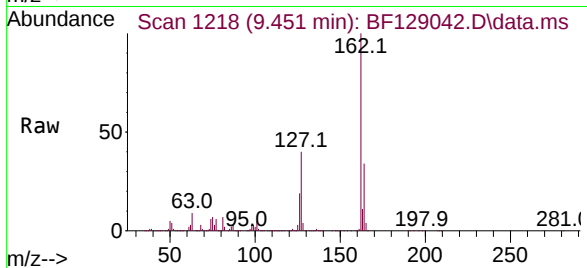
Tgt Ion:162 Resp: 1995883

Ion Ratio Lower Upper

162 100

127 40.5 34.5 51.7

164 34.1 26.5 39.7



#48

2-Nitroaniline

Concen: 45.195 ng

RT: 9.545 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

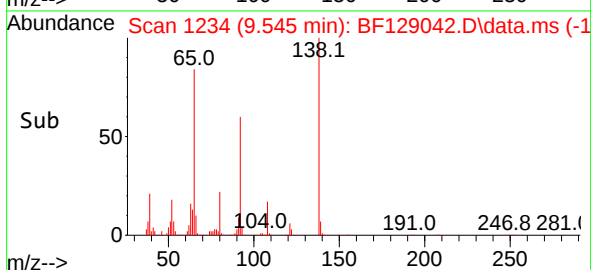
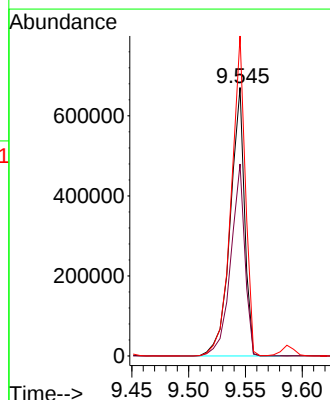
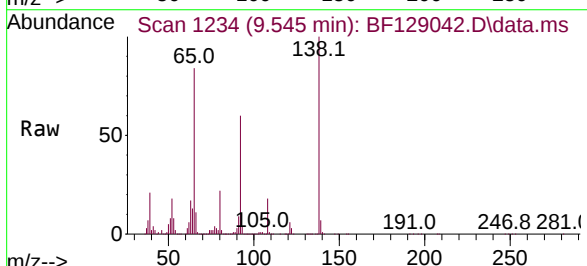
Tgt Ion: 65 Resp: 585616

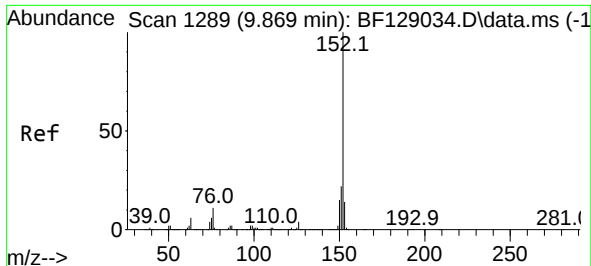
Ion Ratio Lower Upper

65 100

92 71.5 51.9 77.9

138 119.2 76.4 114.6#

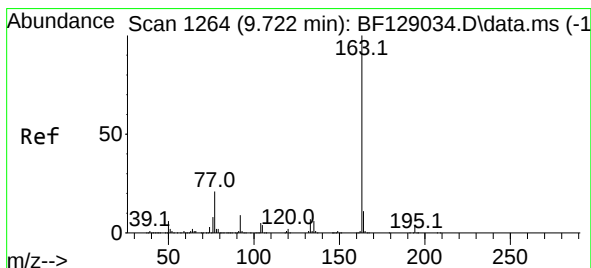
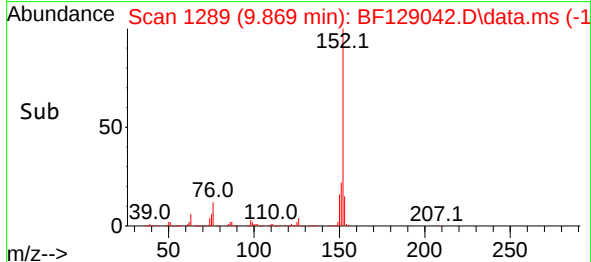
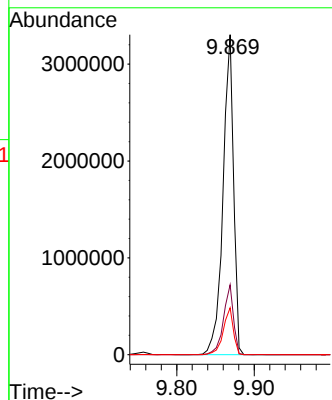
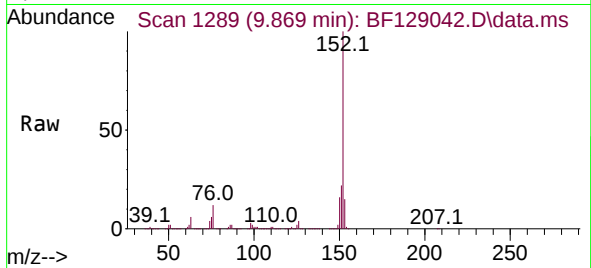




#49
Acenaphthylene
Concen: 41.893 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

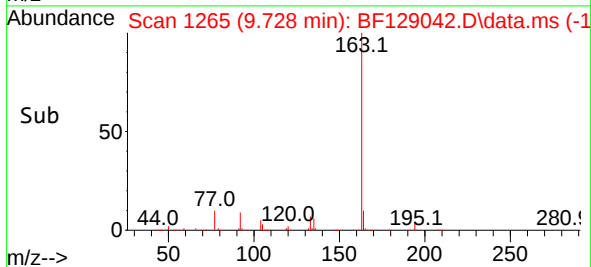
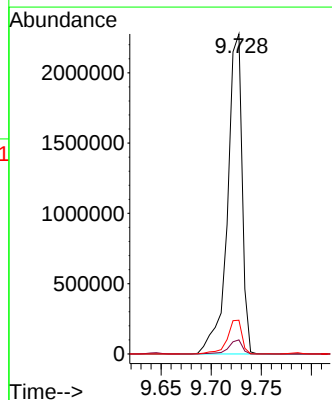
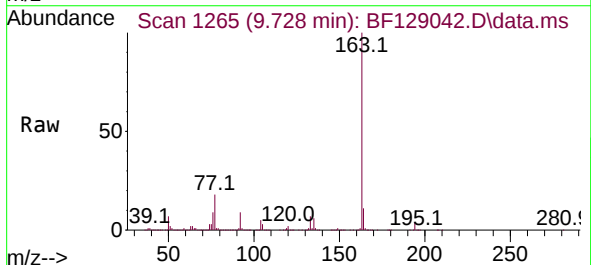
Instrument :
BNA_F
ClientSampleId :
PB145737BS

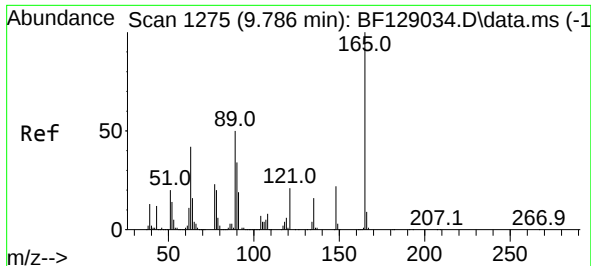
Tgt Ion:152 Resp: 3131703
Ion Ratio Lower Upper
152 100
151 21.9 16.2 24.4
153 14.7 10.7 16.1



#50
Dimethylphthalate
Concen: 41.394 ng
RT: 9.728 min Scan# 1265
Delta R.T. 0.006 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion:163 Resp: 2294723
Ion Ratio Lower Upper
163 100
194 4.4 3.2 4.8
164 10.6 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 45.876 ng

RT: 9.786 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

Instrument :

BNA_F

ClientSampleId :

PB145737BS

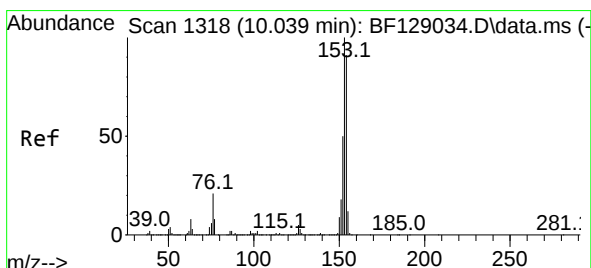
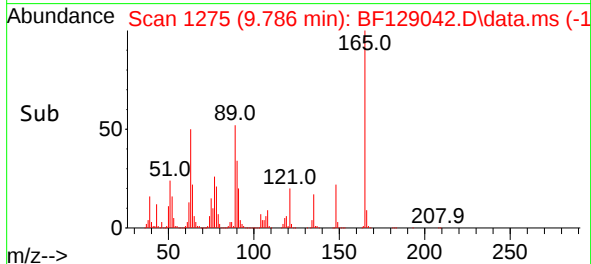
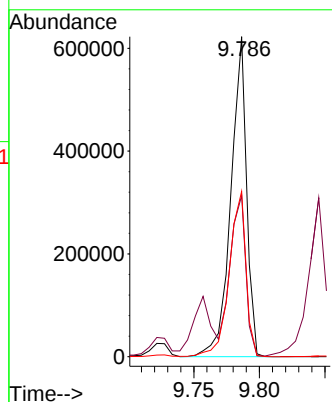
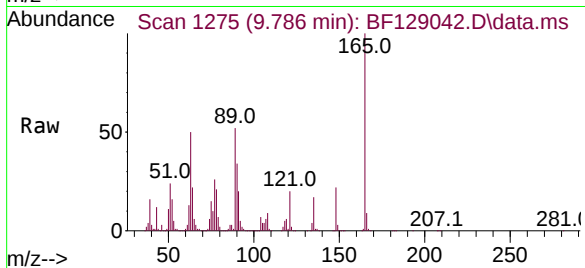
Tgt Ion:165 Resp: 519692

Ion Ratio Lower Upper

165 100

63 50.3 44.9 67.3

89 51.7 43.6 65.4



#52

Acenaphthene

Concen: 45.365 ng

RT: 10.039 min Scan# 1318

Delta R.T. -0.000 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

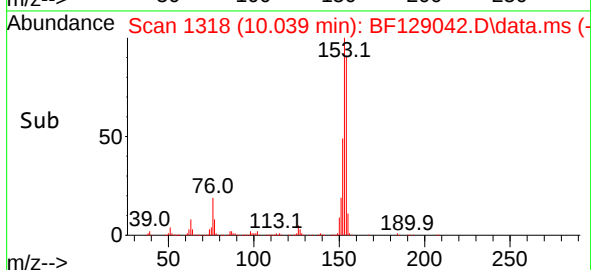
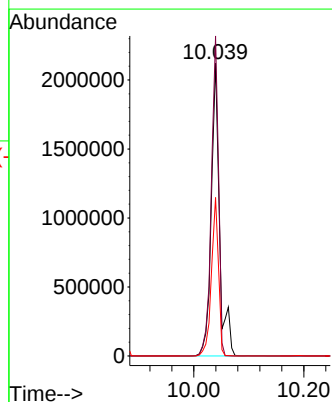
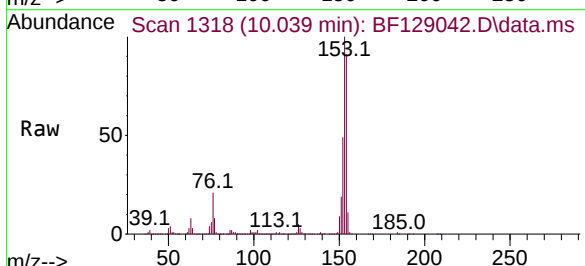
Tgt Ion:154 Resp: 2208976

Ion Ratio Lower Upper

154 100

153 109.4 89.6 134.4

152 54.1 42.4 63.6

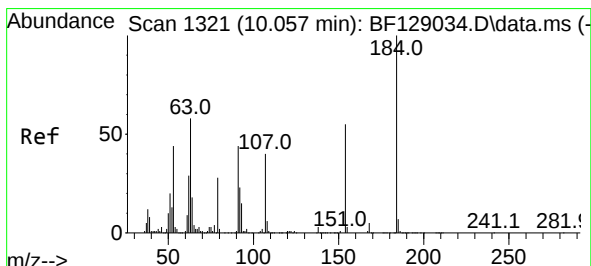
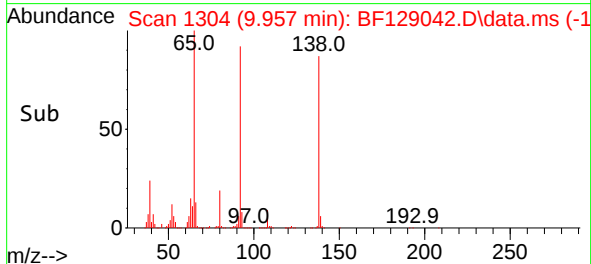
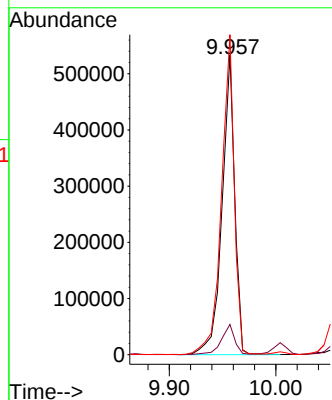
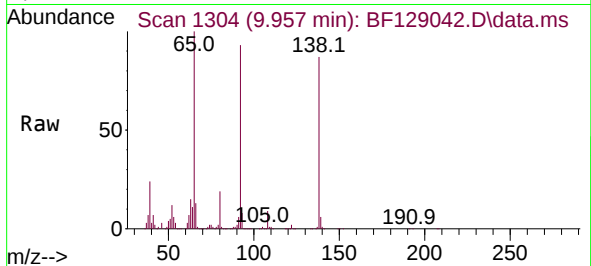




#53
3-Nitroaniline
Concen: 32.438 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

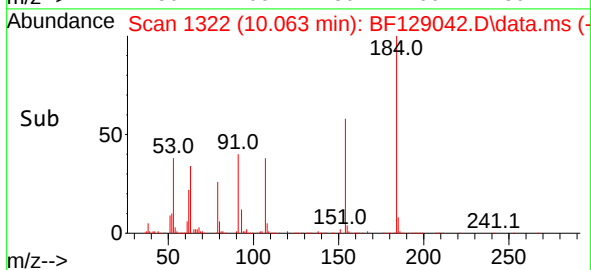
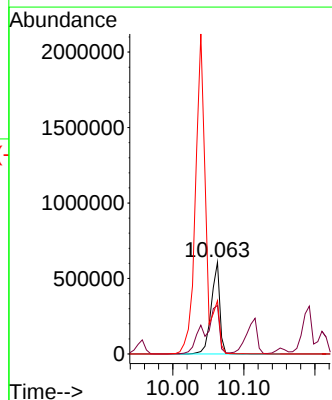
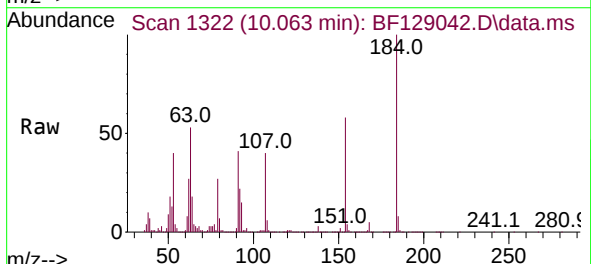
Instrument :
BNA_F
ClientSampleId :
PB145737BS

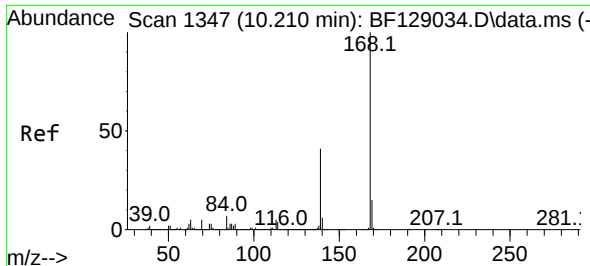
Tgt Ion:138 Resp: 438205
Ion Ratio Lower Upper
138 100
108 10.1 10.9 16.3#
92 106.7 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 82.877 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion:184 Resp: 509363
Ion Ratio Lower Upper
184 100
63 53.1 64.5 96.7#
154 58.2 50.6 75.8

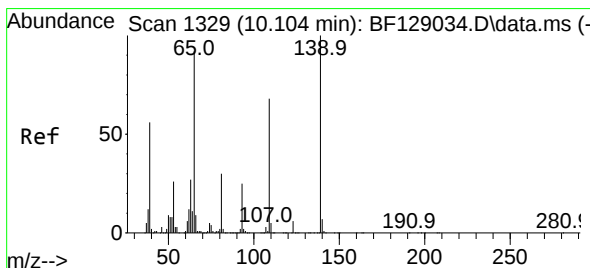
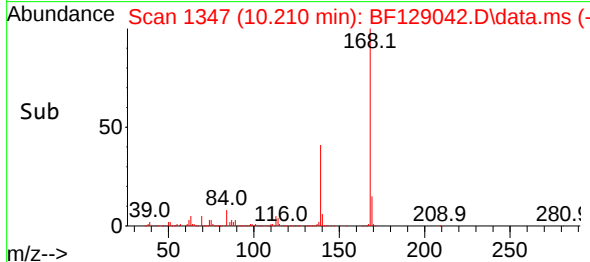
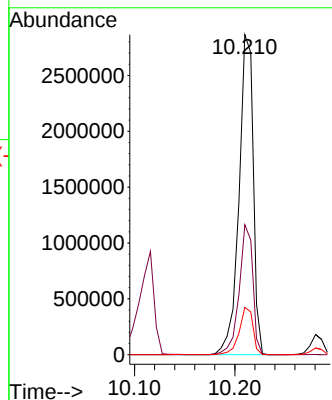
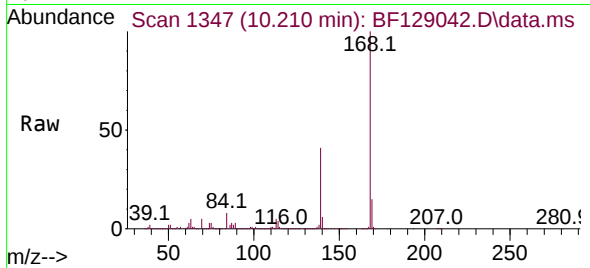




#55
Dibenzofuran
Concen: 40.015 ng
RT: 10.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

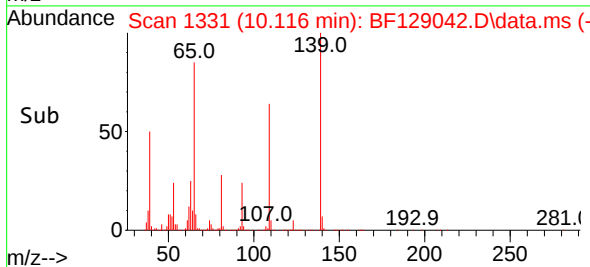
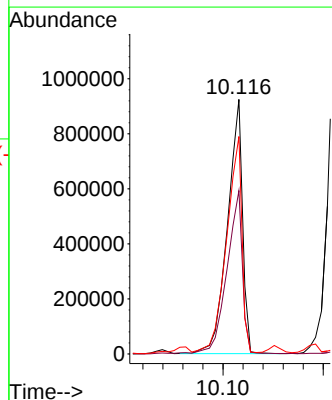
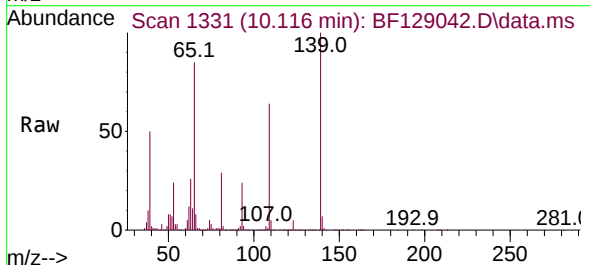
Instrument :
BNA_F
ClientSampleId :
PB145737BS

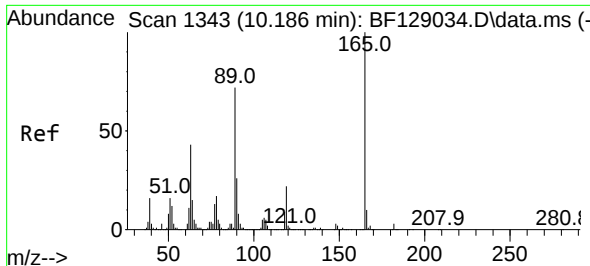
Tgt Ion:168 Resp: 2837161
Ion Ratio Lower Upper
168 100
139 40.6 30.6 46.0
169 14.8 11.0 16.6



#56
4-Nitrophenol
Concen: 87.030 ng
RT: 10.116 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion:139 Resp: 960596
Ion Ratio Lower Upper
139 100
109 64.2 50.7 90.7
65 85.4 74.5 114.5

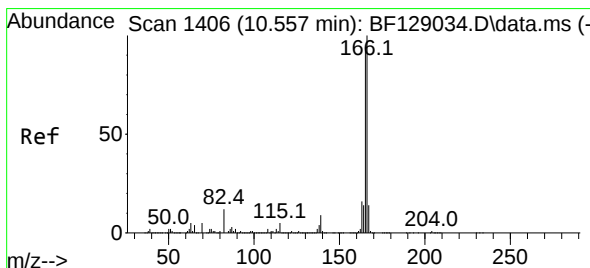
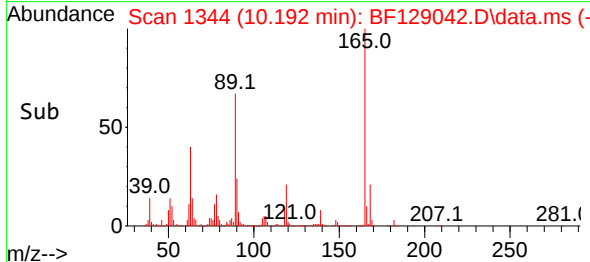
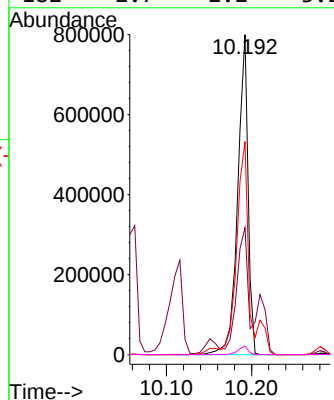
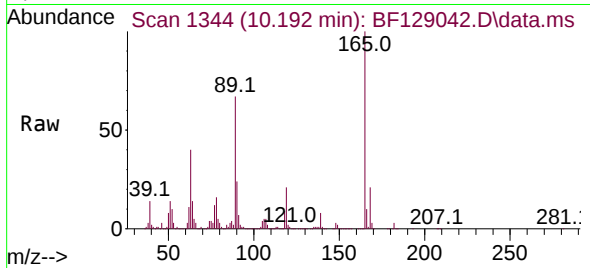




#57
2,4-Dinitrotoluene
Concen: 48.214 ng
RT: 10.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

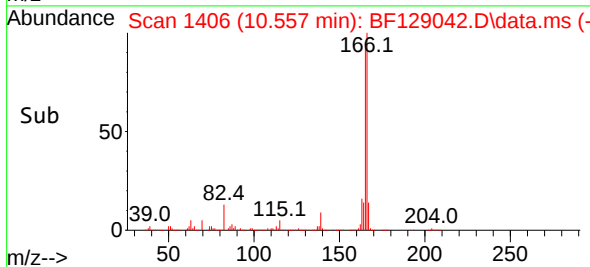
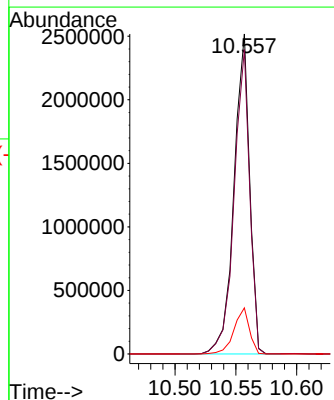
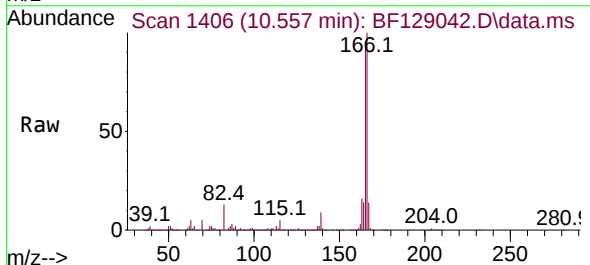
Instrument :
BNA_F
ClientSampleId :
PB145737BS

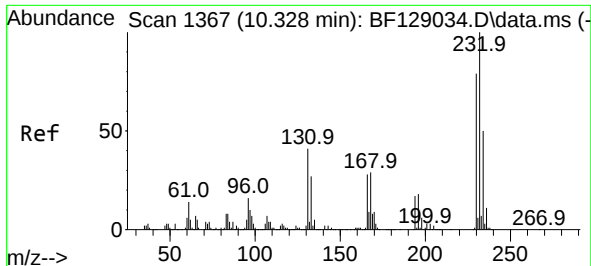
Tgt Ion:165 Resp: 674272
Ion Ratio Lower Upper
165 100
63 39.7 39.8 59.6#
89 66.6 60.2 90.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 40.914 ng
RT: 10.557 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion:166 Resp: 2243896
Ion Ratio Lower Upper
166 100
165 95.1 78.1 117.1
167 14.4 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.624 ng

RT: 10.328 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

Instrument :

BNA_F

ClientSampleId :

PB145737BS

Tgt Ion:232 Resp: 622298

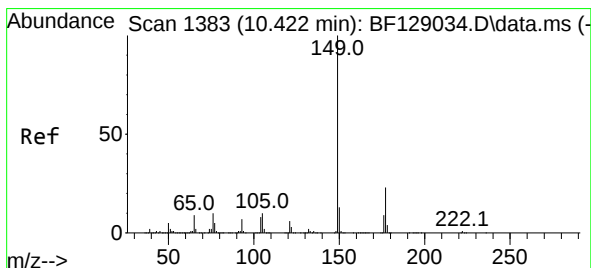
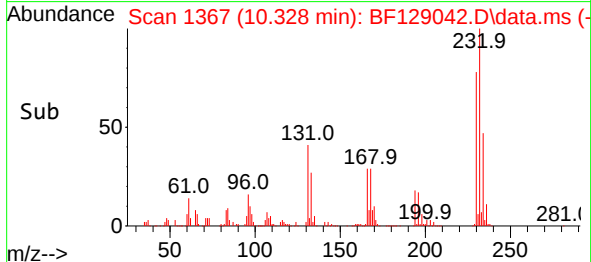
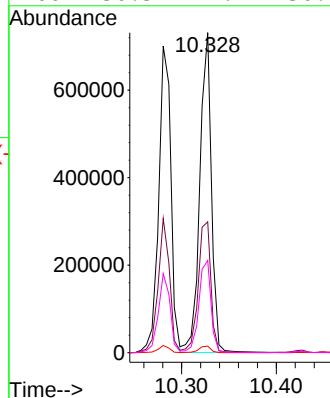
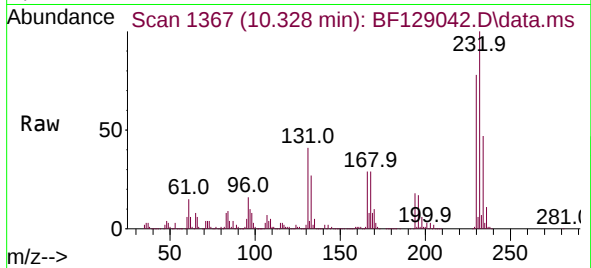
Ion Ratio Lower Upper

232 100

131 44.7 36.1 54.1

130 2.2 1.8 2.8

166 30.3 24.2 36.2



#60

Diethylphthalate

Concen: 41.342 ng

RT: 10.428 min Scan# 1384

Delta R.T. 0.006 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

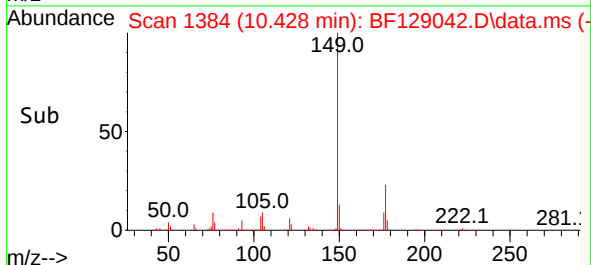
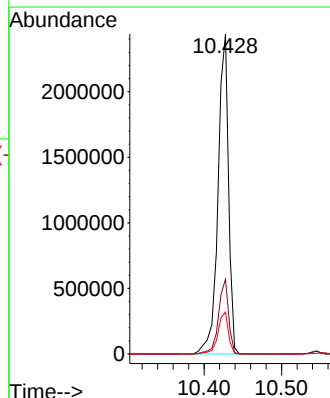
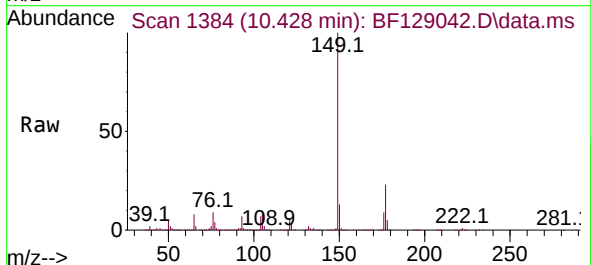
Tgt Ion:149 Resp: 2296505

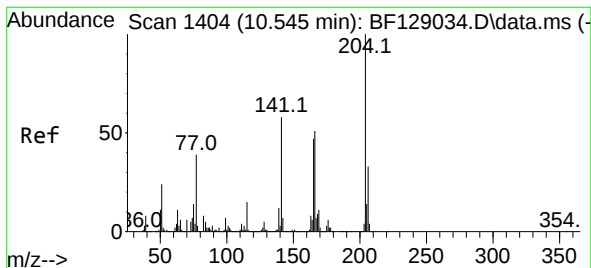
Ion Ratio Lower Upper

149 100

177 23.4 17.3 25.9

150 13.1 10.2 15.2

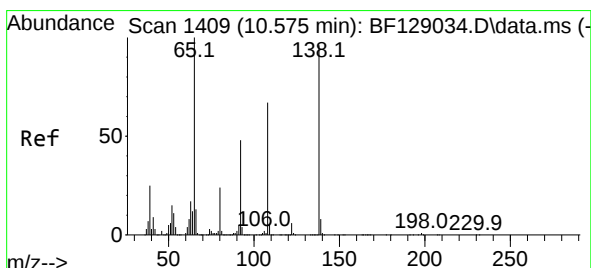
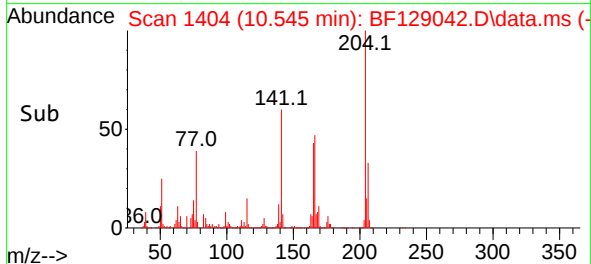
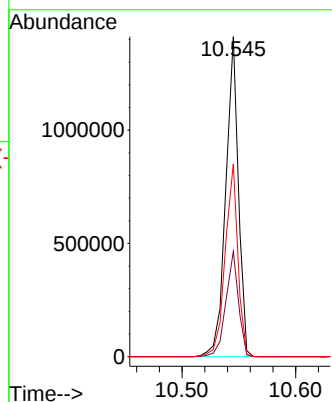
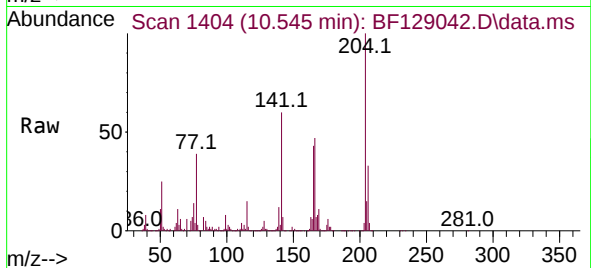




#61
4-Chlorophenyl-phenylether
Concen: 40.095 ng
RT: 10.545 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

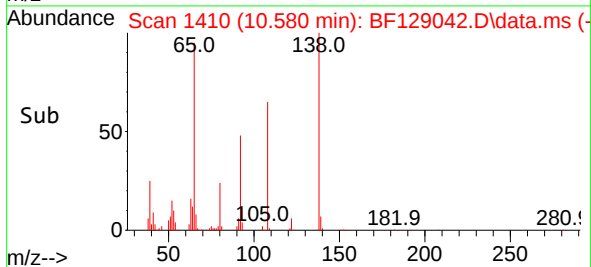
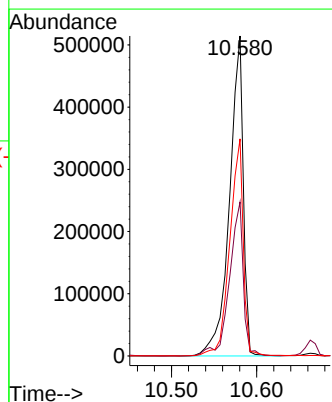
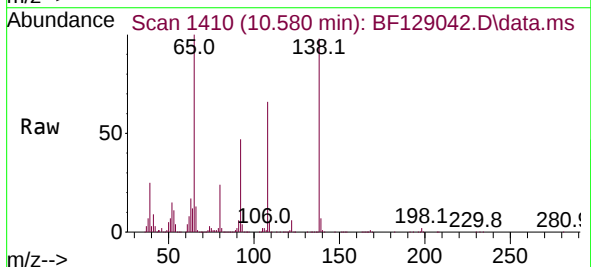
Instrument :
BNA_F
ClientSampleId :
PB145737BS

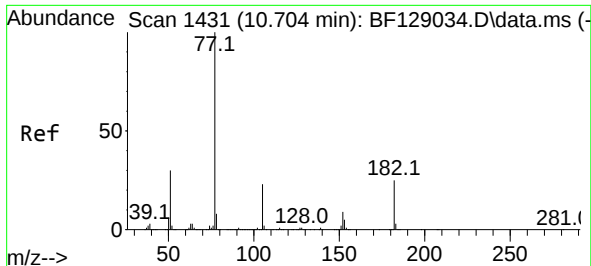
Tgt Ion:204 Resp: 1095641
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 60.3 47.0 70.4



#62
4-Nitroaniline
Concen: 43.150 ng
RT: 10.580 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion:138 Resp: 578030
Ion Ratio Lower Upper
138 100
92 48.1 33.5 73.5
108 67.8 61.0 101.0



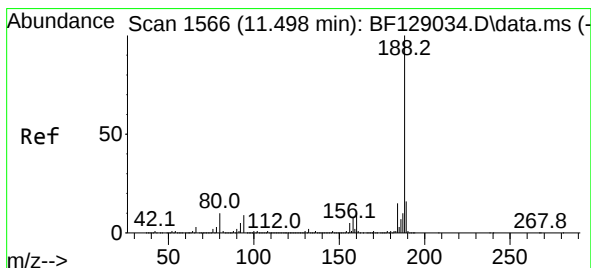
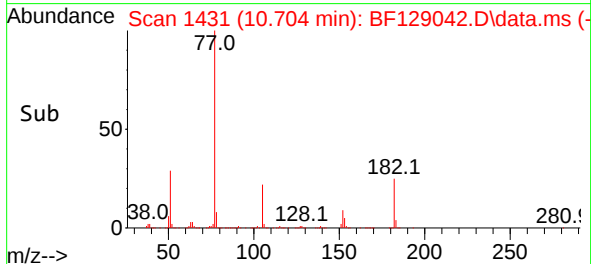
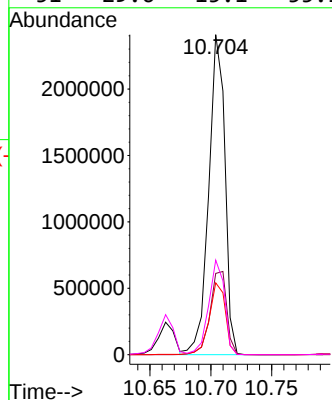
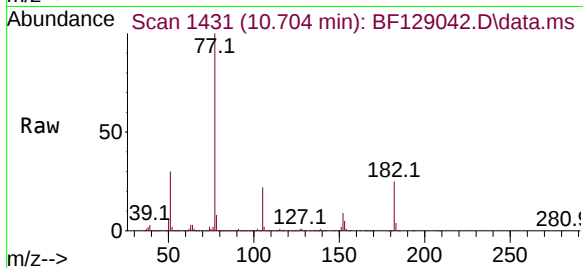


#63
Azobenzene
Concen: 40.815 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Instrument :
BNA_F
ClientSampleId :
PB145737BS

Tgt Ion: 77 Resp: 2221299

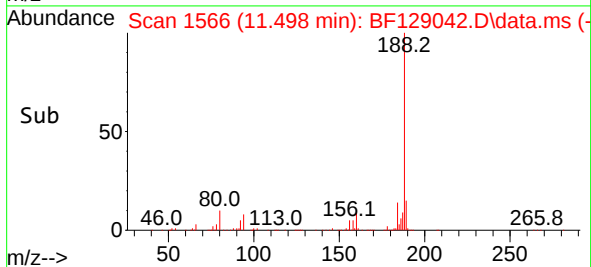
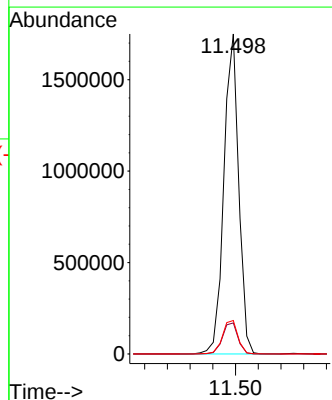
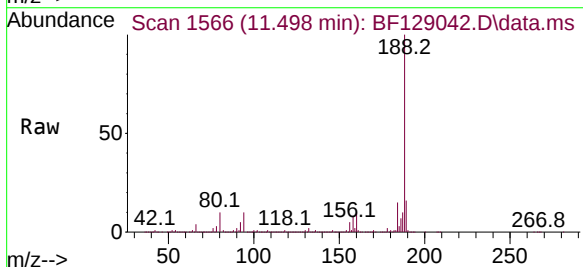
Ion	Ratio	Lower	Upper
77	100		
182	25.4	5.6	45.6
105	22.4	1.6	41.6
51	29.6	15.1	55.1

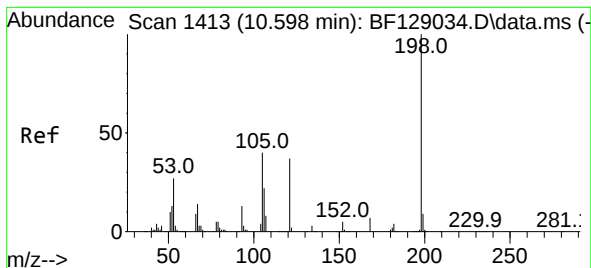


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion: 188 Resp: 1585692

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.0	10.6
80	10.4	7.6	11.4

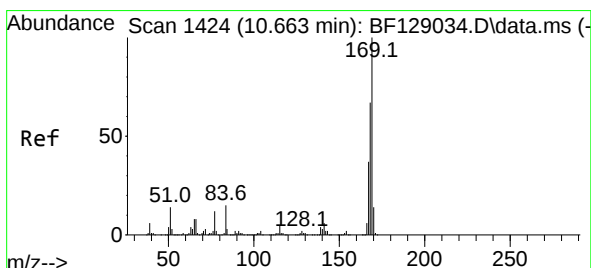
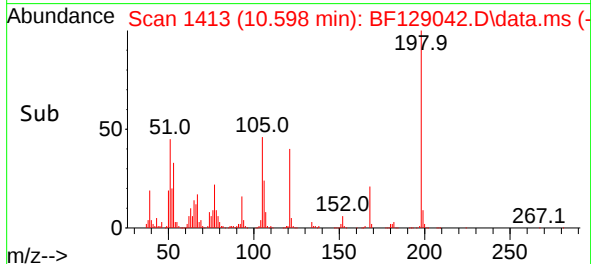
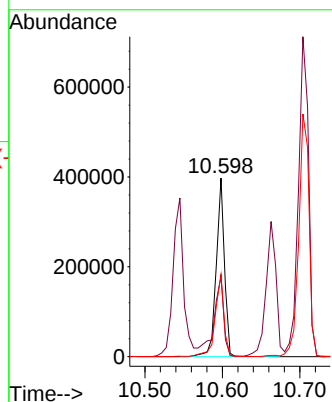
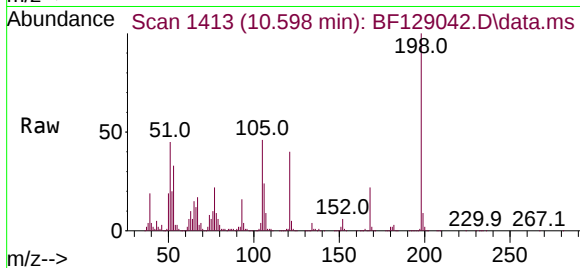




#65
4,6-Dinitro-2-methylphenol
Concen: 41.911 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

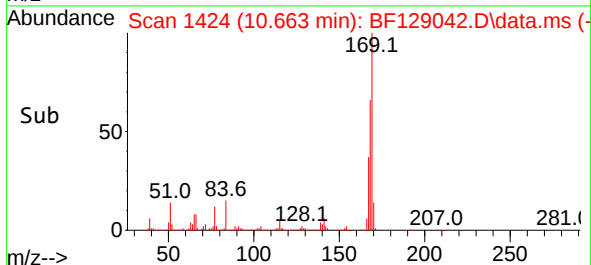
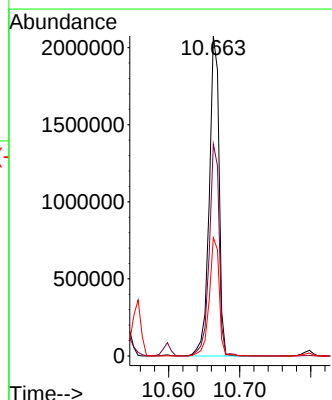
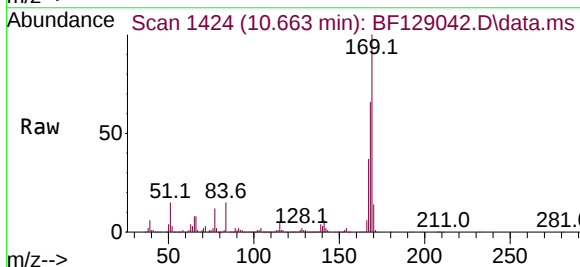
Instrument :
BNA_F
ClientSampleId :
PB145737BS

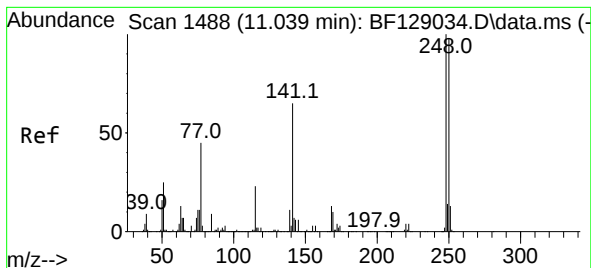
Tgt Ion:198 Resp: 294020
Ion Ratio Lower Upper
198 100
51 45.0 37.6 77.6
105 46.1 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 41.466 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion:169 Resp: 1996909
Ion Ratio Lower Upper
169 100
168 66.2 50.1 75.1
167 36.9 27.9 41.9

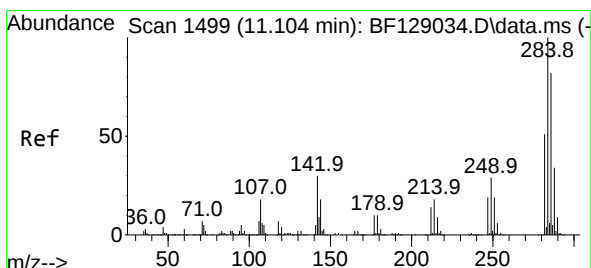
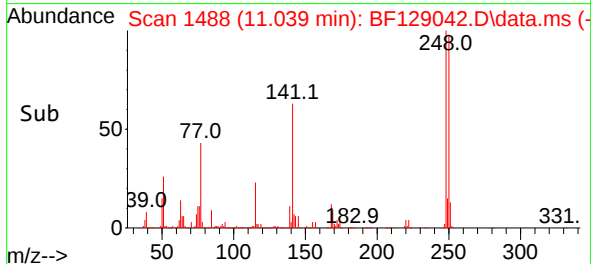
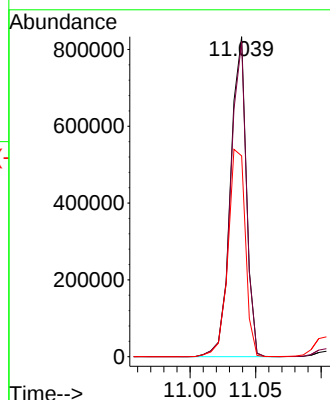
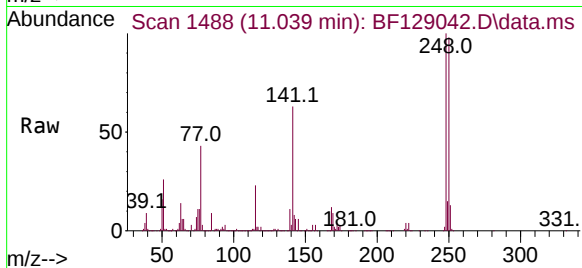




#67
4-Bromophenyl-phenylether
Concen: 41.560 ng
RT: 11.039 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

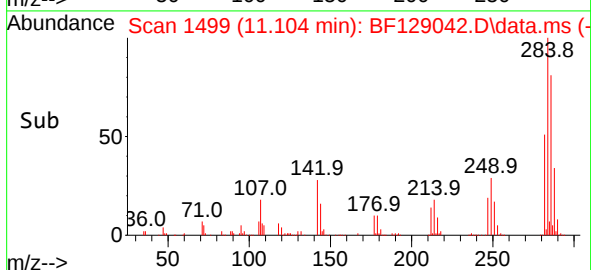
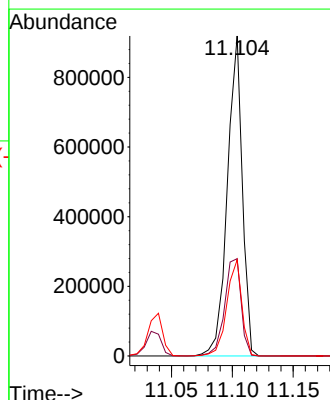
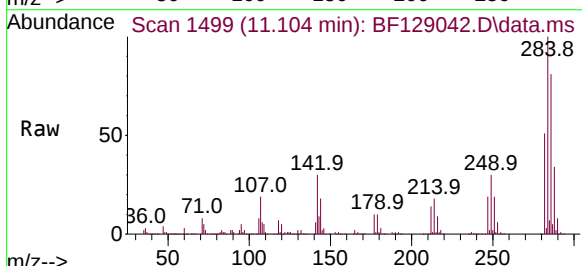
Instrument :
BNA_F
ClientSampleId :
PB145737BS

Tgt Ion:248 Resp: 701015
Ion Ratio Lower Upper
248 100
250 98.5 80.6 120.8
141 62.8 58.9 88.3



#68
Hexachlorobenzene
Concen: 41.893 ng
RT: 11.104 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion:284 Resp: 786849
Ion Ratio Lower Upper
284 100
142 30.4 29.0 43.4
249 30.0 25.0 37.6





#69

Atrazine

Concen: 49.388 ng

RT: 11.192 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

Instrument :

BNA_F

ClientSampleId :

PB145737BS

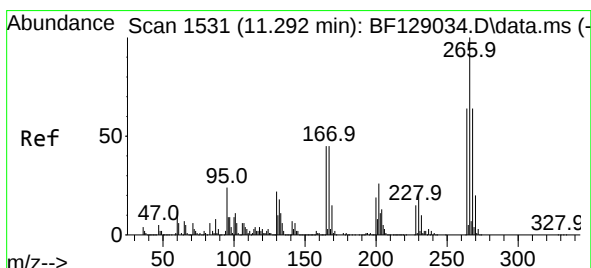
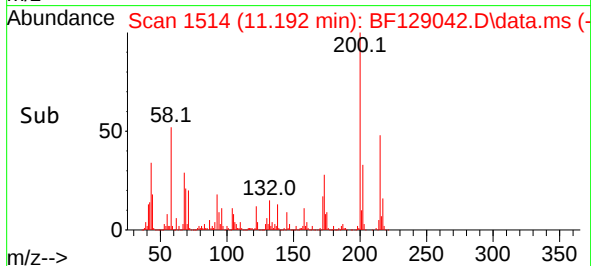
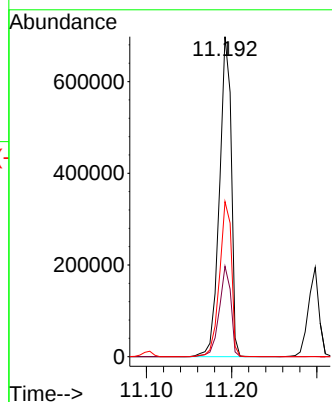
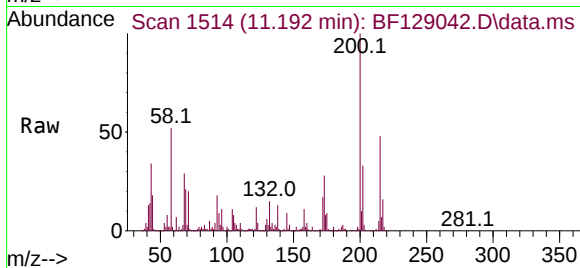
Tgt Ion:200 Resp: 669278

Ion Ratio Lower Upper

200 100

173 28.2 6.3 46.3

215 48.5 28.3 68.3



#70

Pentachlorophenol

Concen: 83.073 ng

RT: 11.298 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

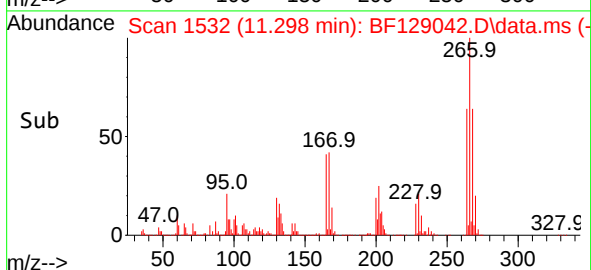
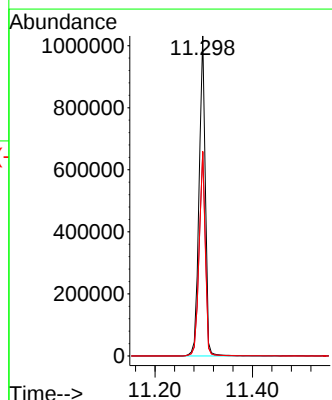
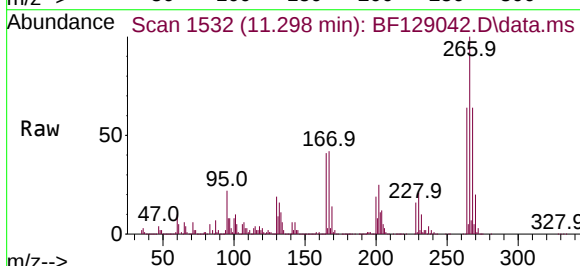
Tgt Ion:266 Resp: 929345

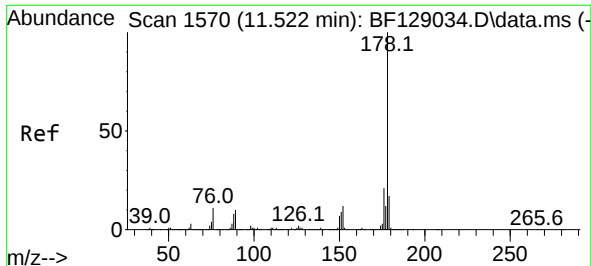
Ion Ratio Lower Upper

266 100

268 63.7 51.0 76.4

264 64.0 49.4 74.2

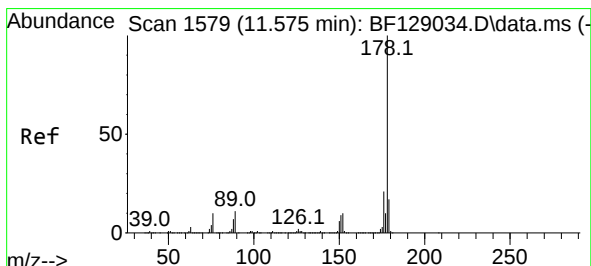
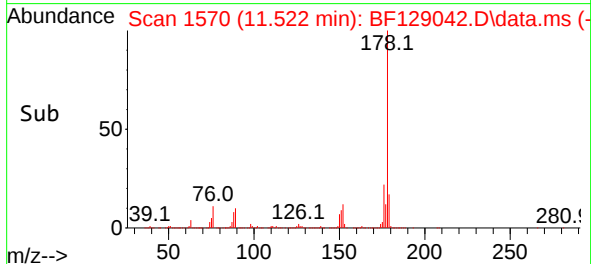
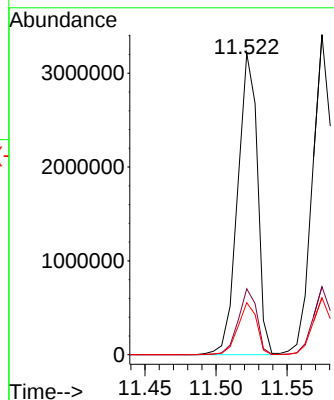
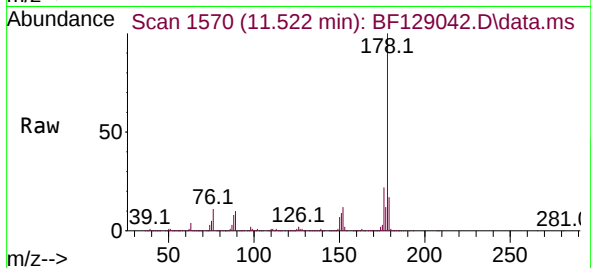




#71
Phenanthrene
Concen: 41.115 ng
RT: 11.522 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

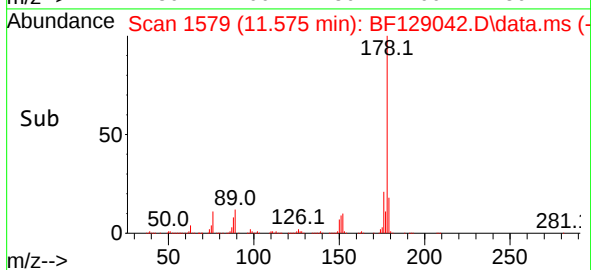
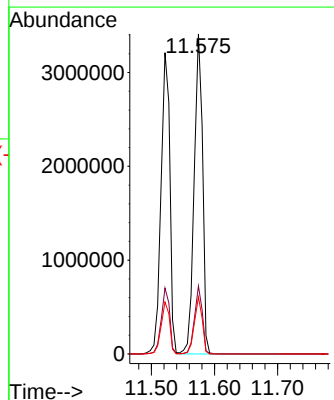
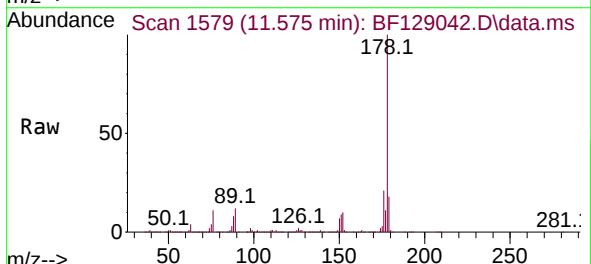
Instrument :
BNA_F
ClientSampleId :
PB145737BS

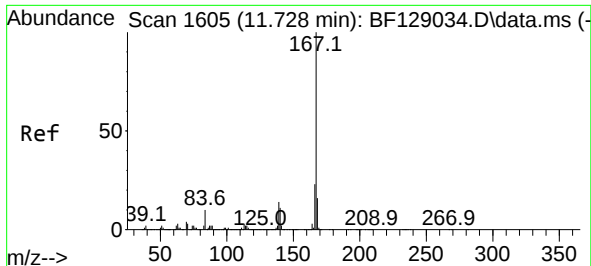
Tgt Ion:178 Resp: 3115047
Ion Ratio Lower Upper
178 100
176 21.9 16.0 24.0
179 17.3 12.6 19.0



#72
Anthracene
Concen: 42.320 ng
RT: 11.575 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion:178 Resp: 3161232
Ion Ratio Lower Upper
178 100
176 21.3 15.4 23.2
179 17.8 12.6 19.0



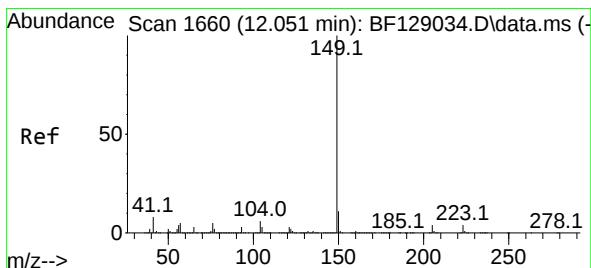
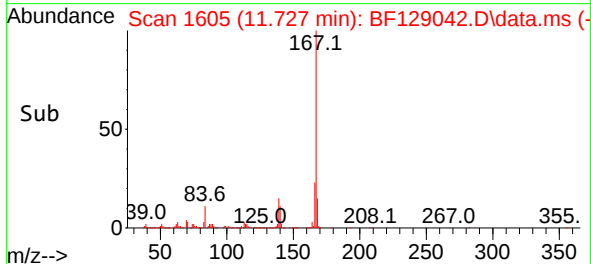
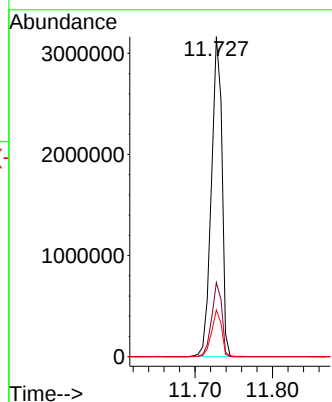
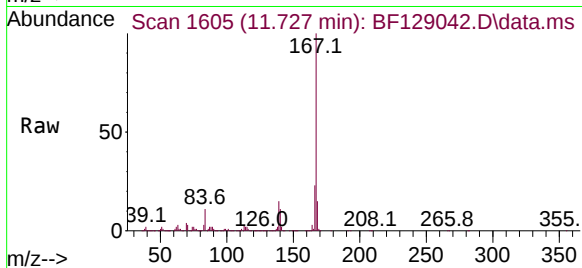


#73
 Carbazole
 Concen: 40.028 ng
 RT: 11.727 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BF129042.D
 Acq: 29 Jun 2022 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB145737BS

Tgt Ion:167 Resp: 2996066

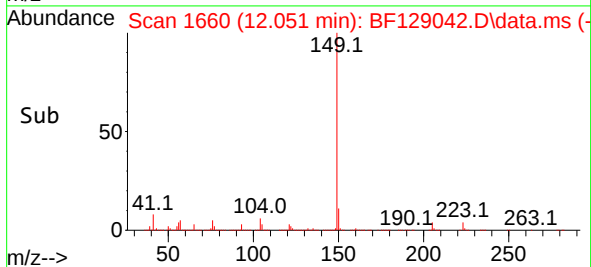
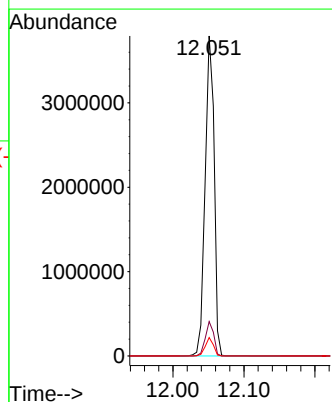
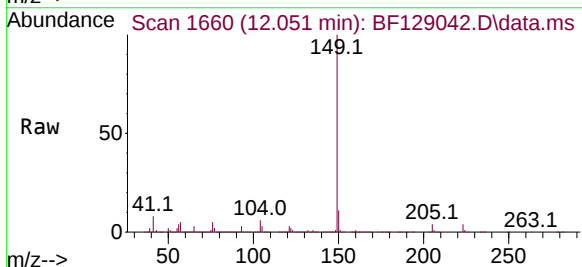
Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.7	26.5
139	14.6	11.2	16.8

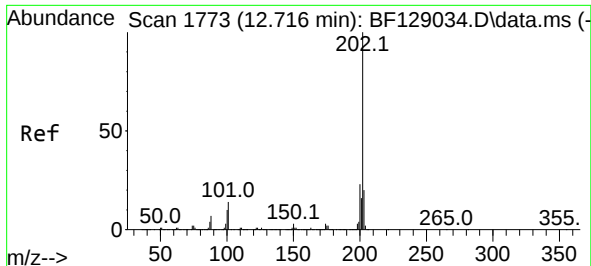


#74
 Di-n-butylphthalate
 Concen: 42.566 ng
 RT: 12.051 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: BF129042.D
 Acq: 29 Jun 2022 18:28

Tgt Ion:149 Resp: 3359321

Ion	Ratio	Lower	Upper
149	100		
150	10.8	7.5	11.3
104	5.8	4.4	6.6

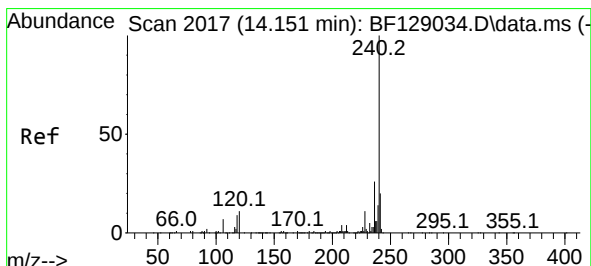
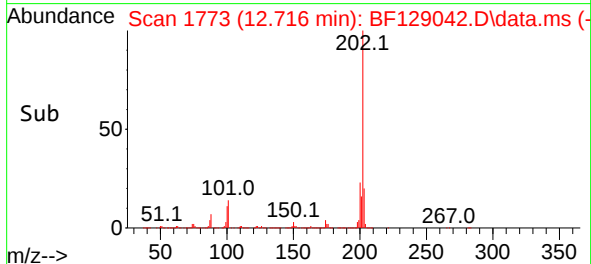
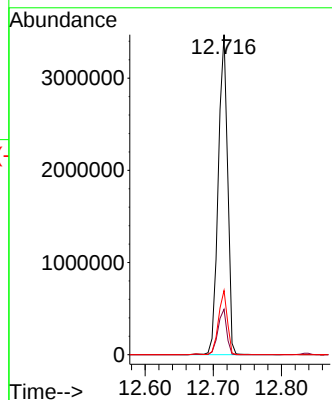
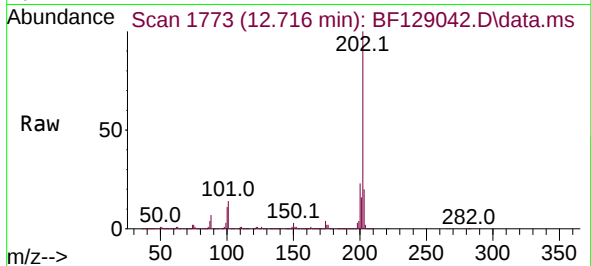




#75
Fluoranthene
Concen: 41.797 ng
RT: 12.716 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

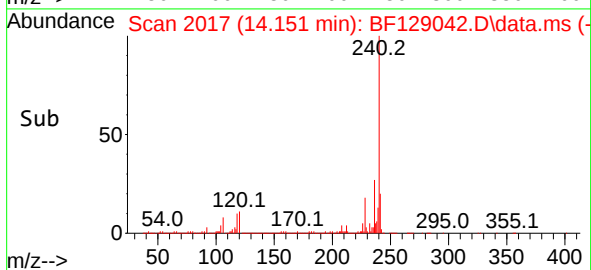
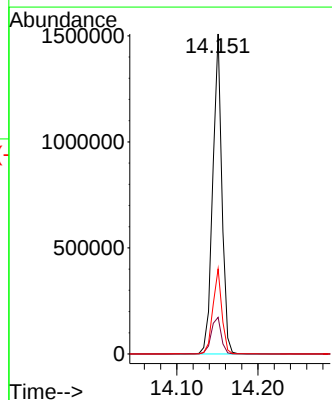
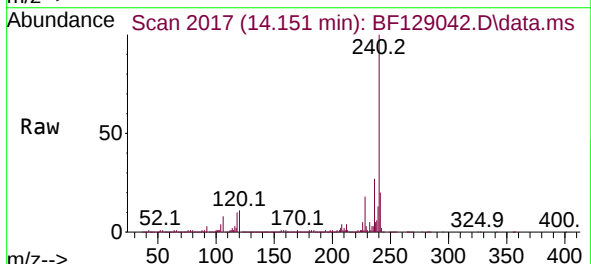
Instrument :
BNA_F
ClientSampleId :
PB145737BS

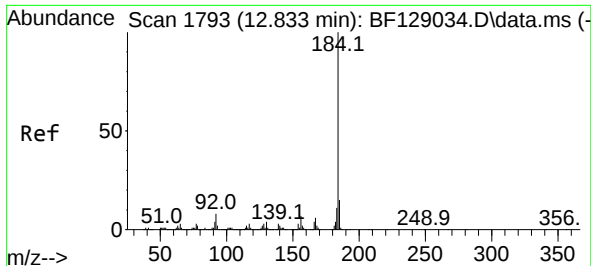
Tgt Ion:202 Resp: 3311759
Ion Ratio Lower Upper
202 100
101 14.2 0.0 31.4
203 20.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion:240 Resp: 1171719
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 26.6 20.8 31.2

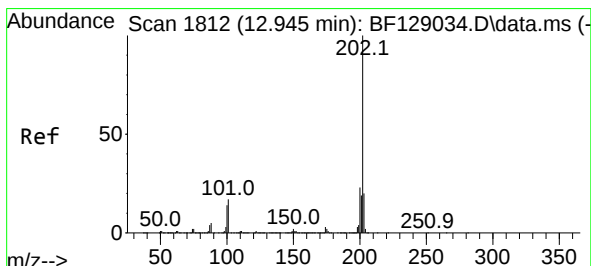
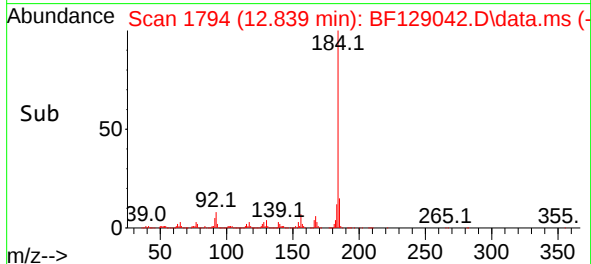
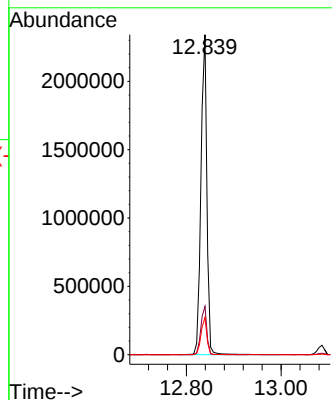
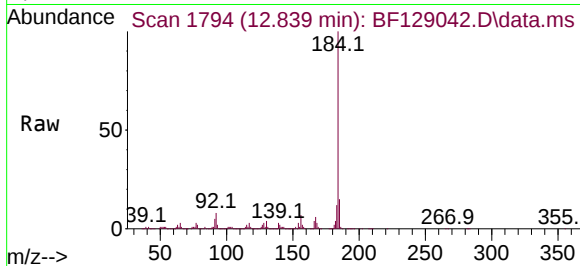




#77
Benzidine
Concen: 96.990 ng
RT: 12.839 min Scan# 1793
Delta R.T. 0.006 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

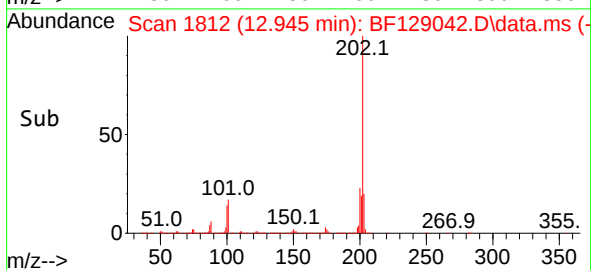
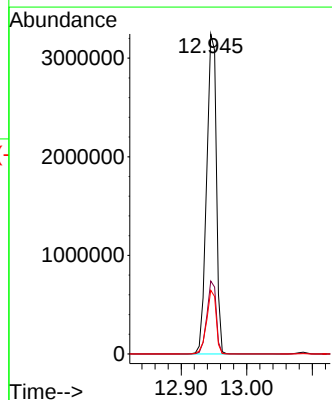
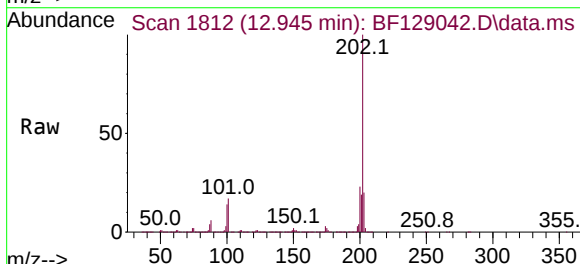
Instrument :
BNA_F
ClientSampleId :
PB145737BS

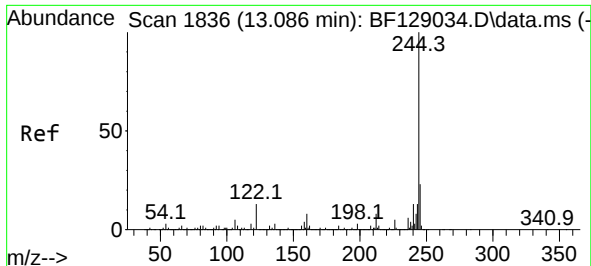
Tgt Ion:184 Resp: 2023598
Ion Ratio Lower Upper
184 100
185 15.1 11.9 17.9
183 11.7 9.3 13.9



#78
Pyrene
Concen: 41.369 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion:202 Resp: 3359930
Ion Ratio Lower Upper
202 100
200 22.8 17.7 26.5
203 19.9 14.6 21.8

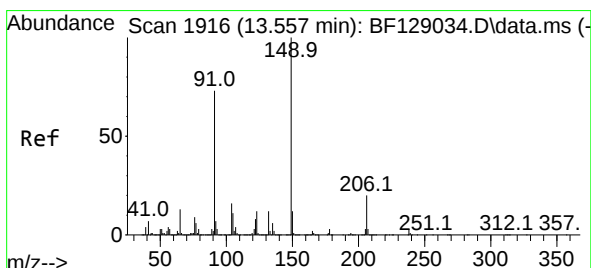
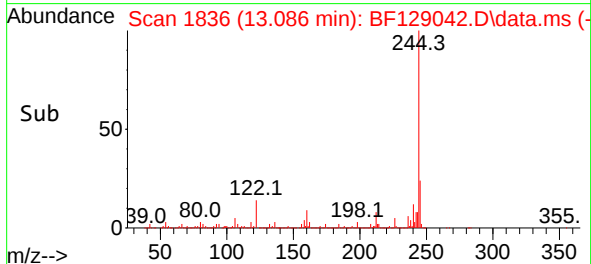
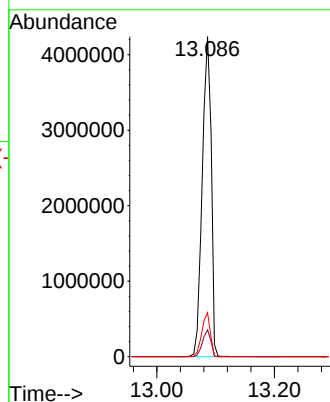
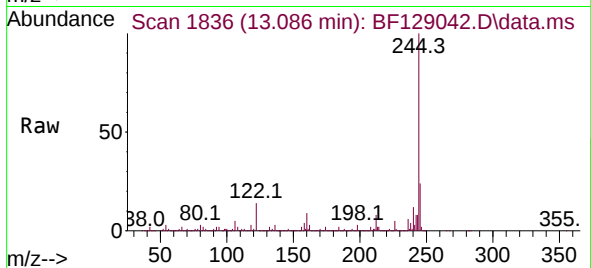




#79
 Terphenyl-d14
 Concen: 79.237 ng
 RT: 13.086 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF129042.D
 Acq: 29 Jun 2022 18:28

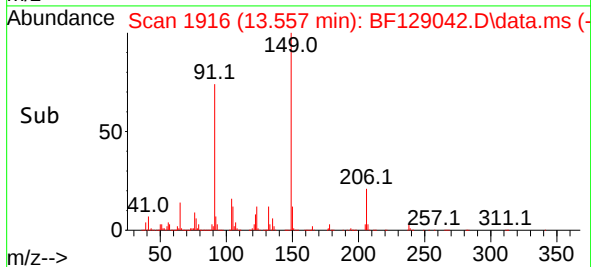
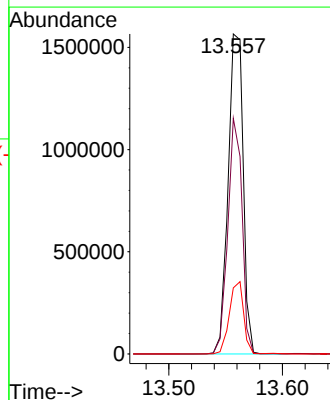
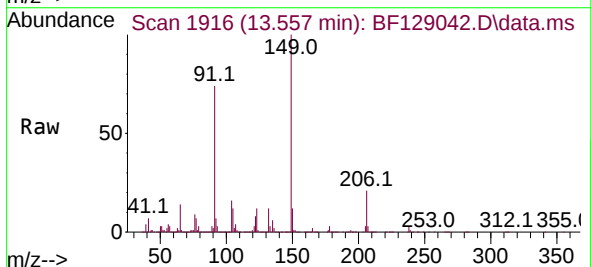
Instrument :
 BNA_F
 ClientSampleId :
 PB145737BS

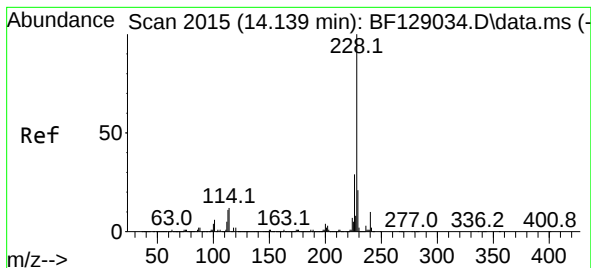
Tgt Ion:244 Resp: 4470853
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.1 9.1
 122 13.8 8.8 13.2#



#80
 Butylbenzylphthalate
 Concen: 43.827 ng
 RT: 13.557 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: BF129042.D
 Acq: 29 Jun 2022 18:28

Tgt Ion:149 Resp: 1450115
 Ion Ratio Lower Upper
 149 100
 91 73.7 61.2 91.8
 206 20.7 15.7 23.5





#81

Benzo(a)anthracene

Concen: 41.086 ng

RT: 14.139 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

Instrument :

BNA_F

ClientSampleId :

PB145737BS

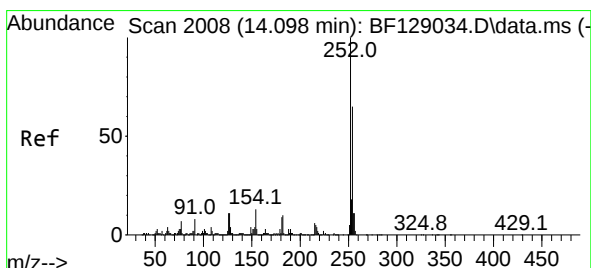
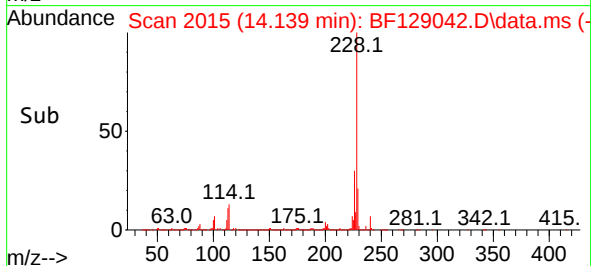
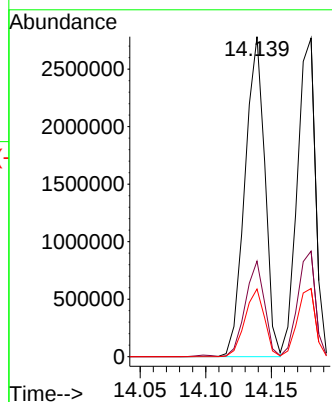
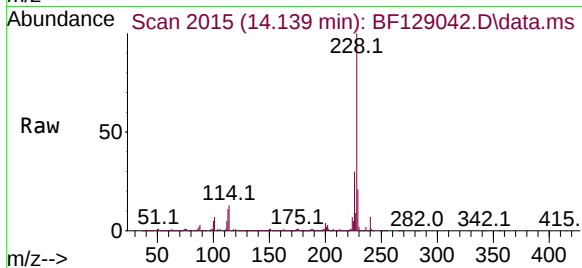
Tgt Ion:228 Resp: 2939400

Ion Ratio Lower Upper

228 100

226 29.8 22.1 33.1

229 21.1 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 44.649 ng

RT: 14.098 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

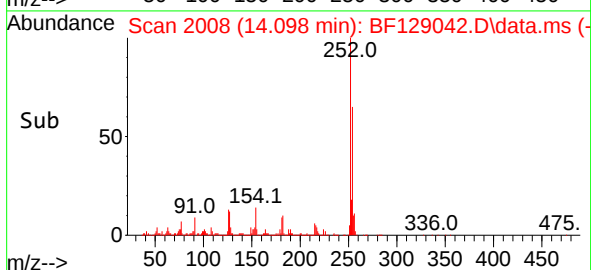
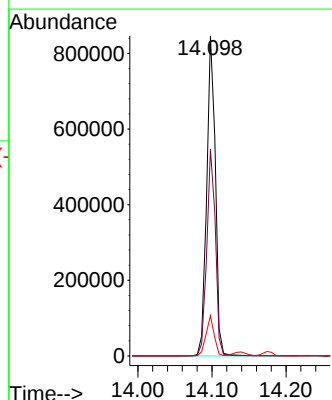
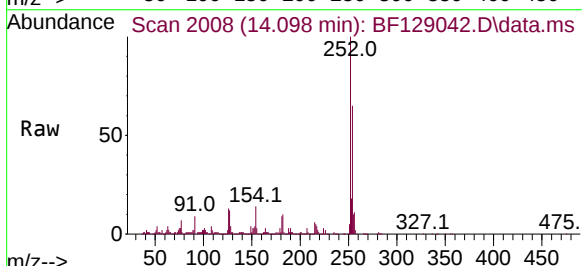
Tgt Ion:252 Resp: 690208

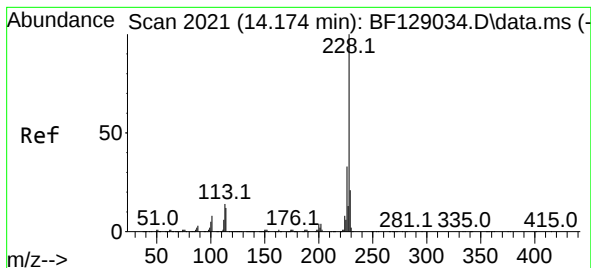
Ion Ratio Lower Upper

252 100

254 64.6 50.2 75.4

126 12.6 8.2 12.4#





#83

Chrysene

Concen: 40.044 ng

RT: 14.180 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

Instrument :

BNA_F

ClientSampleId :

PB145737BS

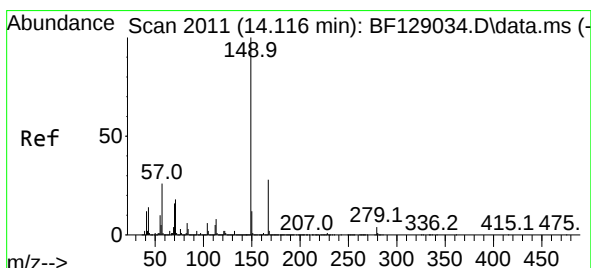
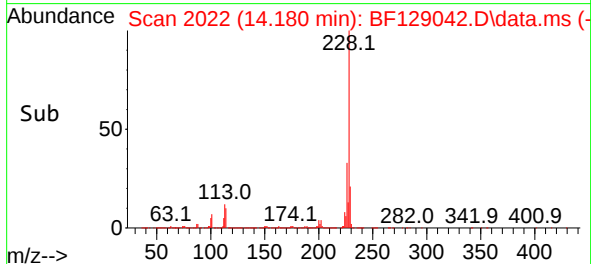
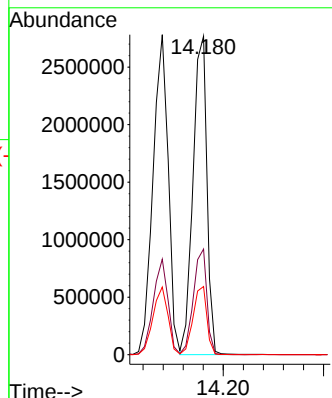
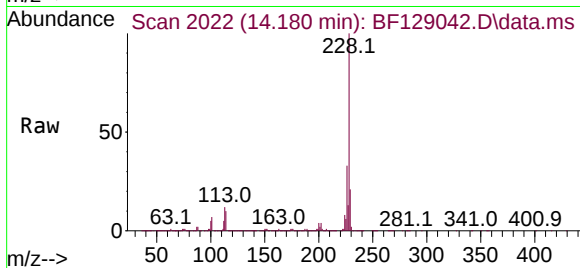
Tgt Ion:228 Resp: 2659617

Ion Ratio Lower Upper

228 100

226 33.2 24.3 36.5

229 21.4 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.296 ng

RT: 14.116 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

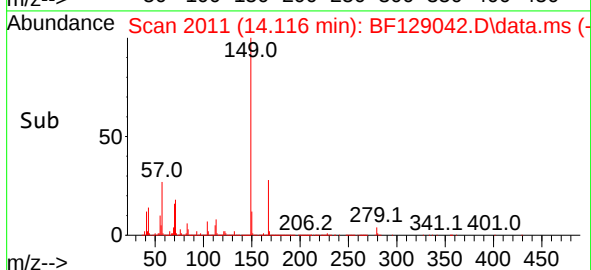
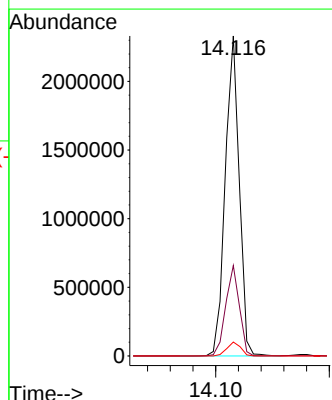
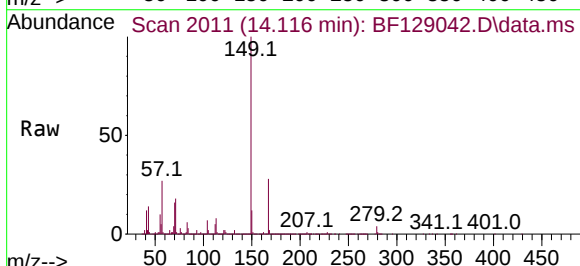
Tgt Ion:149 Resp: 1991769

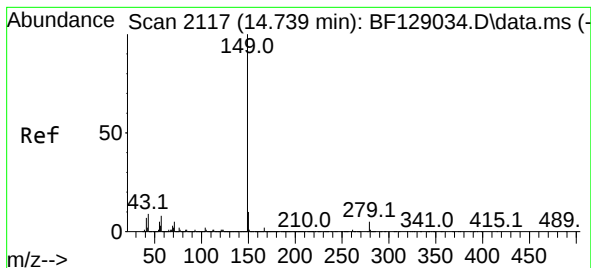
Ion Ratio Lower Upper

149 100

167 28.3 21.0 31.4

279 4.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 45.063 ng

RT: 14.739 min Scan# 2117

Delta R.T. -0.000 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

Instrument :

BNA_F

ClientSampleId :

PB145737BS

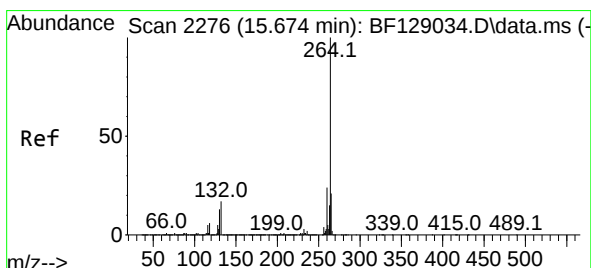
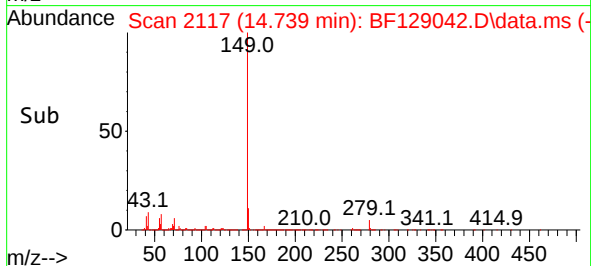
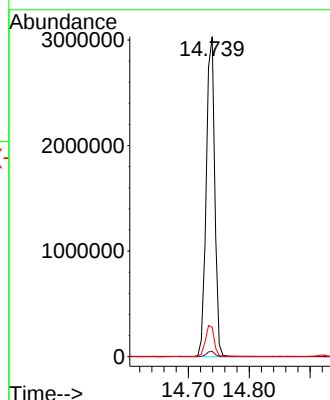
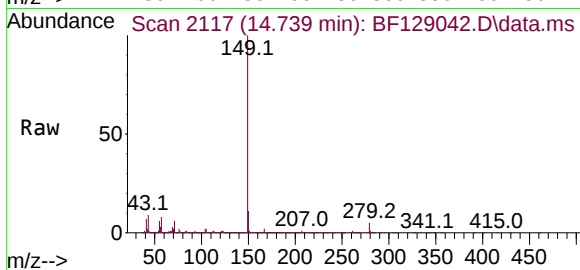
Tgt Ion:149 Resp: 2925138

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.8 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.674 min Scan# 2276

Delta R.T. -0.000 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

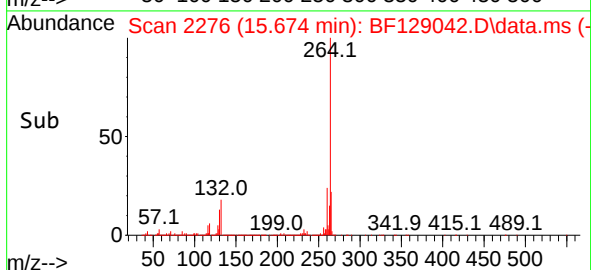
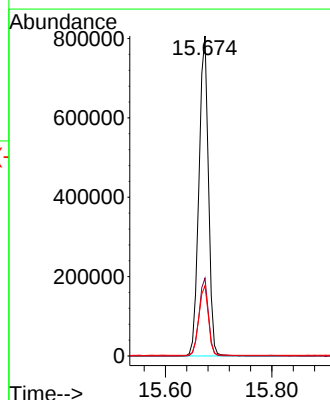
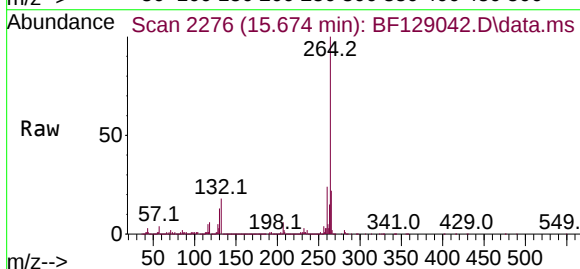
Tgt Ion:264 Resp: 1000020

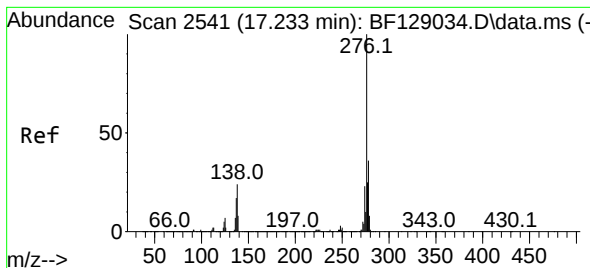
Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

265 22.0 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.278 ng

RT: 17.233 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

Instrument :

BNA_F

ClientSampleId :

PB145737BS

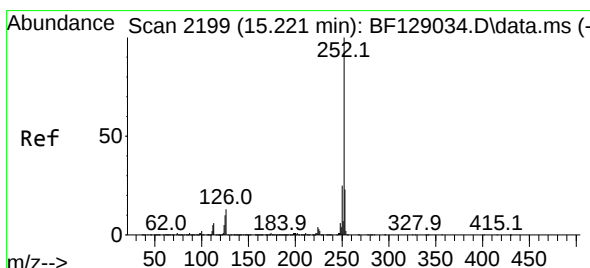
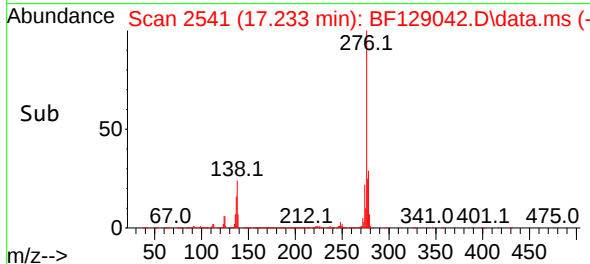
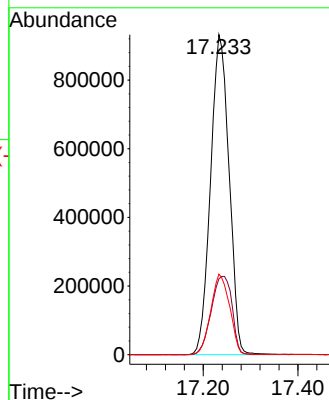
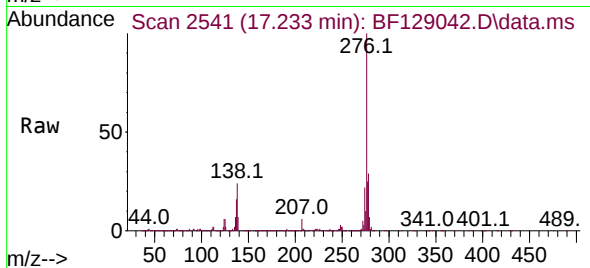
Tgt Ion:276 Resp: 2531745

Ion Ratio Lower Upper

276 100

138 27.5 21.1 31.7

277 25.7 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 43.575 ng

RT: 15.221 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF129042.D

Acq: 29 Jun 2022 18:28

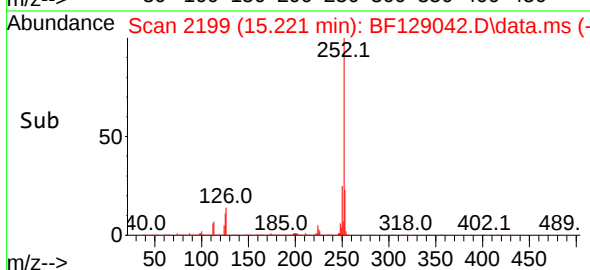
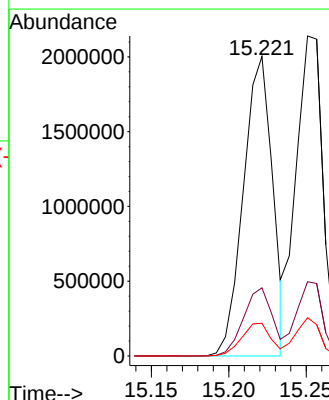
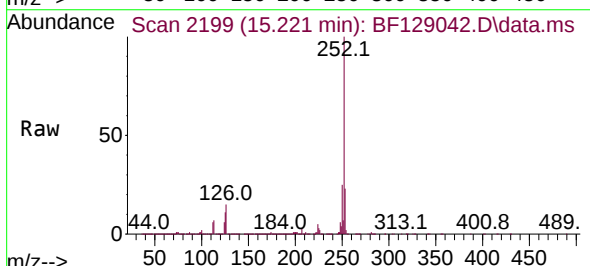
Tgt Ion:252 Resp: 2620636

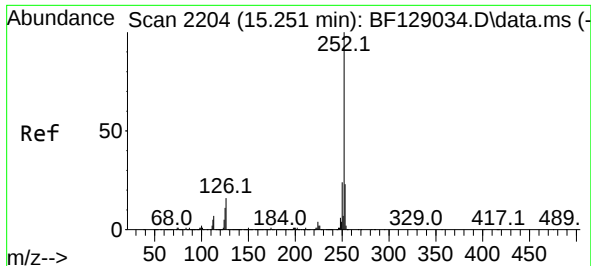
Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 10.9 8.0 12.0

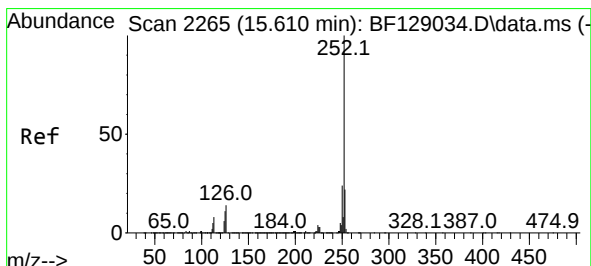
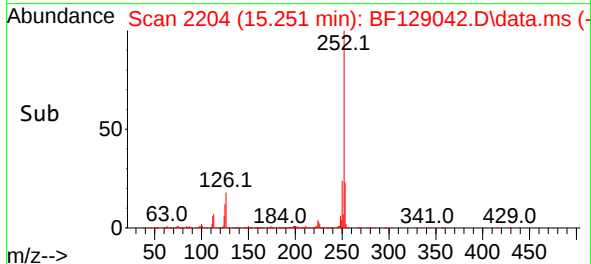
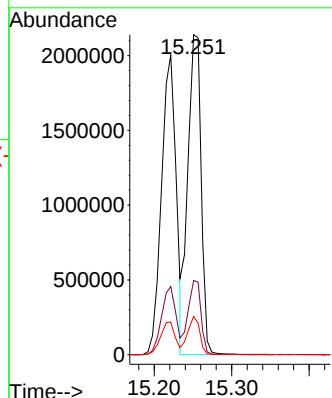
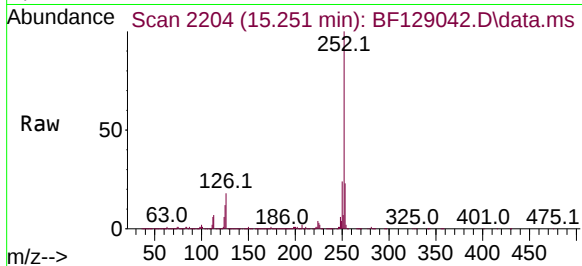




#89
Benzo(k)fluoranthene
Concen: 43.910 ng
RT: 15.251 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

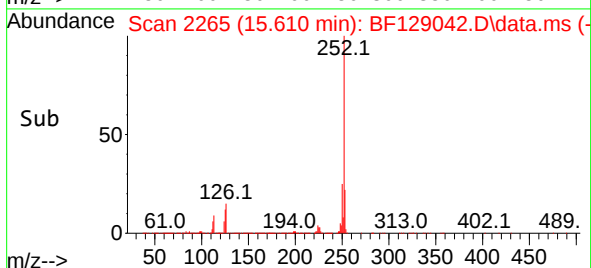
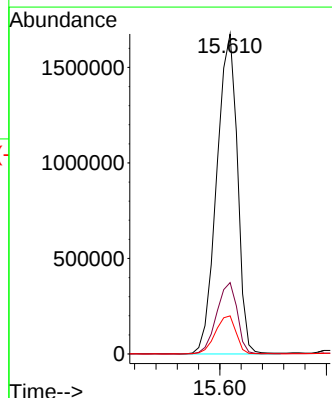
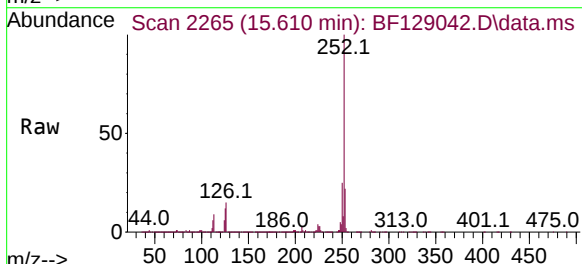
Instrument :
BNA_F
ClientSampleId :
PB145737BS

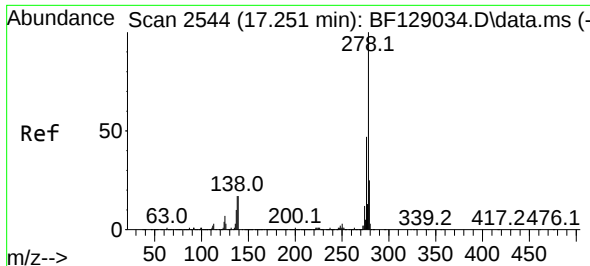
Tgt Ion:252 Resp: 2561348
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 11.9 8.3 12.5



#90
Benzo(a)pyrene
Concen: 46.005 ng
RT: 15.610 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion:252 Resp: 2255488
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 11.9 8.8 13.2

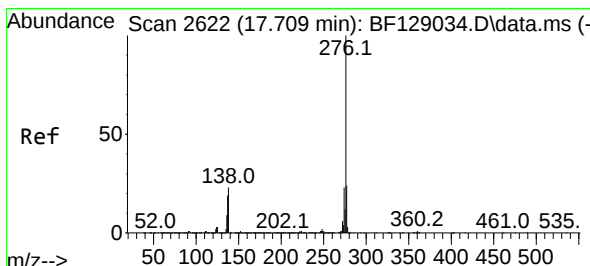
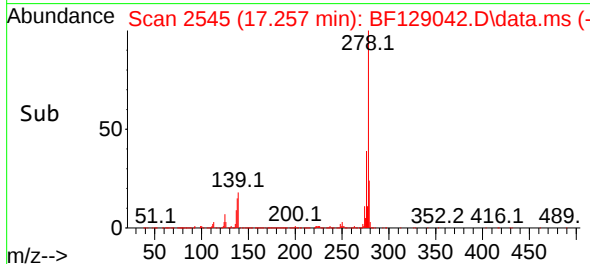
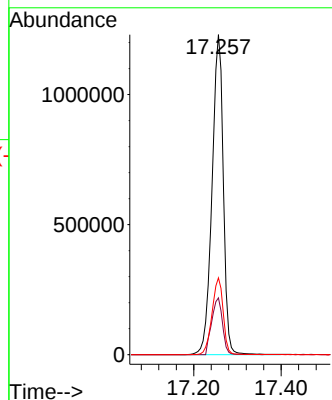
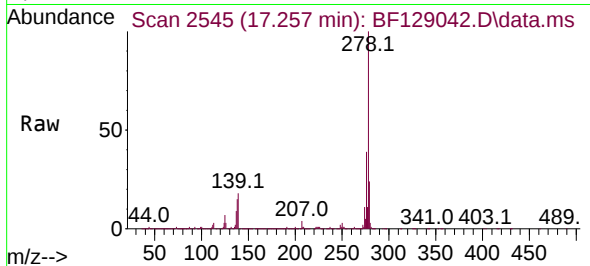




#91
Dibenzo(a,h)anthracene
Concen: 44.190 ng
RT: 17.257 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Instrument :
BNA_F
ClientSampleId :
PB145737BS

Tgt Ion:278 Resp: 2209428
Ion Ratio Lower Upper
278 100
139 17.7 12.8 19.2
279 24.0 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 43.115 ng
RT: 17.715 min Scan# 2623
Delta R.T. 0.006 min
Lab File: BF129042.D
Acq: 29 Jun 2022 18:28

Tgt Ion:276 Resp: 2162783
Ion Ratio Lower Upper
276 100
277 24.3 19.1 28.7
138 23.4 18.0 27.0

