

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129661.D
 Acq On : 09 Aug 2022 11:53
 Operator : CG\JU
 Sample : PB146618BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146618BS

Quant Time: Aug 09 12:28:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	231233	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	949899	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	506238	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	837165	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	519255	20.000	ng	0.00
86) Perylene-d12	15.498	264	422114	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1572059	110.749	ng	0.00
7) Phenol-d6	6.504	99	1969353	110.377	ng	0.00
23) Nitrobenzene-d5	7.416	82	1280081	73.563	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	582334	119.647	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2360324	72.126	ng	0.00
79) Terphenyl-d14	12.963	244	2443075	88.763	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	174592	27.261	ng	87
3) Pyridine	3.463	79	426527	23.982	ng	87
4) n-Nitrosodimethylamine	3.399	42	283315	36.276	ng	# 91
6) Aniline	6.510	93	708764	31.954	ng	# 34
8) 2-Chlorophenol	6.639	128	665421	42.908	ng	94
9) Benzaldehyde	6.398	77	314652	25.969	ng	98
10) Phenol	6.516	94	772579	40.662	ng	82
11) bis(2-Chloroethyl)ether	6.581	93	622760	41.329	ng	92
12) 1,3-Dichlorobenzene	6.781	146	648900	39.014	ng	99
13) 1,4-Dichlorobenzene	6.857	146	660804	39.065	ng	98
14) 1,2-Dichlorobenzene	7.010	146	630536	40.554	ng	98
15) Benzyl Alcohol	6.998	79	567704	43.872	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.116	45	815140	35.988	ng	# 1
17) 2-Methylphenol	7.116	107	522218	40.591	ng	# 87
18) Hexachloroethane	7.351	117	257535	40.434	ng	93
19) n-Nitroso-di-n-propyla...	7.263	70	449673	41.631	ng	91
20) 3+4-Methylphenols	7.269	107	644285	39.387	ng	# 89
22) Acetophenone	7.257	105	900197	40.704	ng	98
24) Nitrobenzene	7.434	77	675813	37.715	ng	95
25) Isophorone	7.675	82	1293217	41.461	ng	97
26) 2-Nitrophenol	7.745	139	359393	40.656	ng	97
27) 2,4-Dimethylphenol	7.792	122	569397	42.941	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	785963	43.437	ng	99
29) 2,4-Dichlorophenol	7.992	162	547128	39.977	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	548969	38.752	ng	98
31) Naphthalene	8.151	128	1830780	37.935	ng	99
32) Benzoic acid	7.945	122	281381	29.353	ng	98
33) 4-Chloroaniline	8.204	127	656254	33.121	ng	97
34) Hexachlorobutadiene	8.257	225	332122	41.244	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	611853	42.151	ng	97
37) 2-Methylnaphthalene	8.839	142	1237055	39.444	ng	98
38) 1-Methylnaphthalene	8.939	142	1165496	38.496	ng	98
40) 1,2,4,5-Tetrachloroben...	9.010	216	542204	40.789	ng	98
41) Hexachlorocyclopentadiene	8.986	237	461061	77.893	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	367685	38.084	ng	97
44) 2,4,5-Trichlorophenol	9.175	196	389432	37.092	ng	# 92

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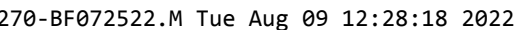
Instrument :
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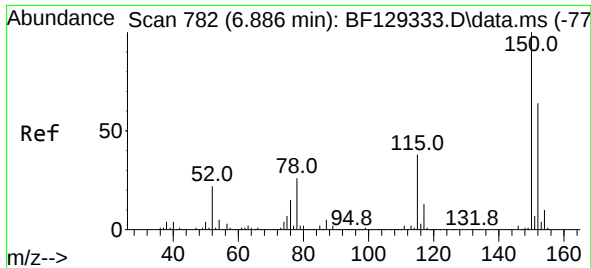
Quant Time: Aug 09 12:28:09 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.304	154	1496205	40.498	ng	99
47) 2-Chloronaphthalene	9.333	162	1153325	38.616	ng	99
48) 2-Nitroaniline	9.439	65	377590	38.020	ng	87
49) Acenaphthylene	9.751	152	1719411	37.887	ng	99
50) Dimethylphthalate	9.610	163	1440108	41.208	ng	99
51) 2,6-Dinitrotoluene	9.680	165	312569	39.961	ng	99
52) Acenaphthene	9.922	154	1052012	35.492	ng	99
53) 3-Nitroaniline	9.851	138	277149	30.006	ng	# 94
54) 2,4-Dinitrophenol	9.969	184	300056	75.144	ng	89
55) Dibenzofuran	10.092	168	1559901	38.176	ng	95
56) 4-Nitrophenol	10.039	139	375039	55.038	ng	95
57) 2,4-Dinitrotoluene	10.086	165	394482	38.606	ng	92
58) Fluorene	10.439	166	1288638	39.416	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	287555	35.441	ng	92
60) Diethylphthalate	10.310	149	1382114	40.911	ng	100
61) 4-Chlorophenyl-phenyle...	10.427	204	605732	42.026	ng	96
62) 4-Nitroaniline	10.480	138	297085	32.424	ng	95
63) Azobenzene	10.586	77	1318248	38.257	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	204143	38.634	ng	88
66) n-Nitrosodiphenylamine	10.551	169	1138632	40.841	ng	97
67) 4-Bromophenyl-phenylether	10.916	248	395560	43.149	ng	95
68) Hexachlorobenzene	10.986	284	433139	43.606	ng	98
69) Atrazine	11.080	200	380166	44.893	ng	96
70) Pentachlorophenol	11.192	266	373346	69.140	ng	98
71) Phenanthrene	11.404	178	1787776	39.121	ng	99
72) Anthracene	11.457	178	1792084	39.905	ng	100
73) Carbazole	11.616	167	1642785	38.860	ng	99
74) Di-n-butylphthalate	11.927	149	2161778	42.940	ng	99
75) Fluoranthene	12.592	202	1783050	38.508	ng	98
77) Benzidine	12.716	184	642359	35.017	ng	99
78) Pyrene	12.827	202	1772936	40.831	ng	99
80) Butylbenzylphthalate	13.433	149	835856	44.380	ng	92
81) Benzo(a)anthracene	14.015	228	1399459	39.455	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	429414	36.667	ng	# 97
83) Chrysene	14.051	228	1265366	37.852	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	1126997	45.452	ng	# 97
85) Di-n-octyl phthalate	14.598	149	1711147	47.956	ng	96
87) Indeno(1,2,3-cd)pyrene	16.992	276	1219199	42.891	ng	99
88) Benzo(b)fluoranthene	15.068	252	1229356	43.905	ng	99
89) Benzo(k)fluoranthene	15.098	252	1179432	42.983	ng	99
90) Benzo(a)pyrene	15.439	252	1042628	45.871	ng	98
91) Dibenzo(a,h)anthracene	17.004	278	1075140	46.471	ng	99
92) Benzo(g,h,i)perylene	17.451	276	1068815	45.210	ng	98

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

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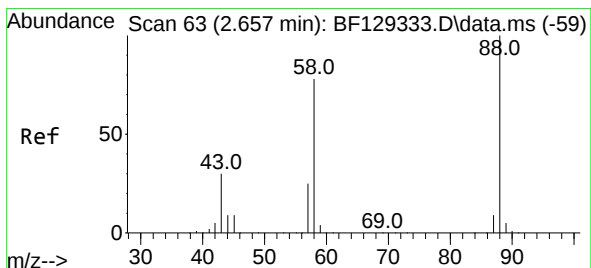
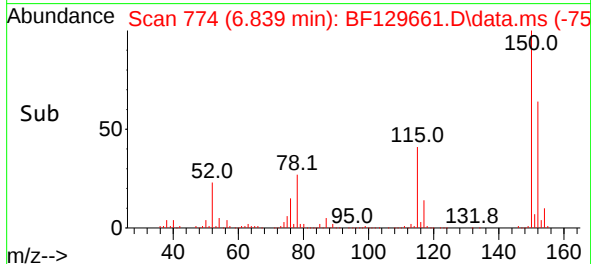
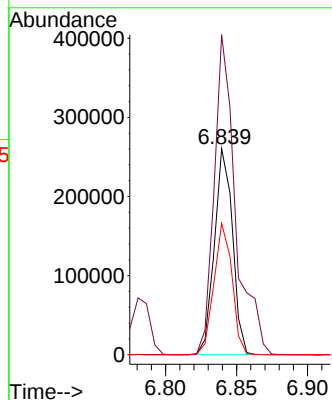
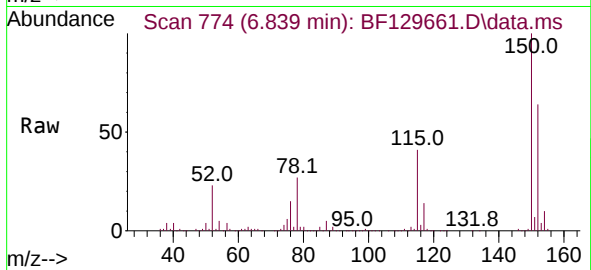




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF129661.D
 Acq: 09 Aug 2022 11:53

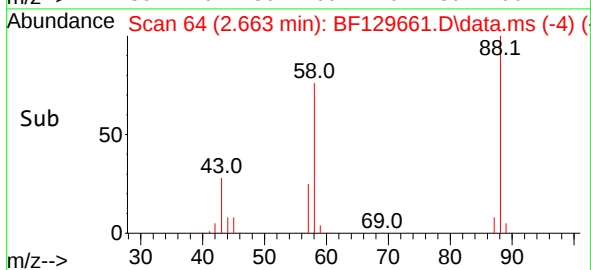
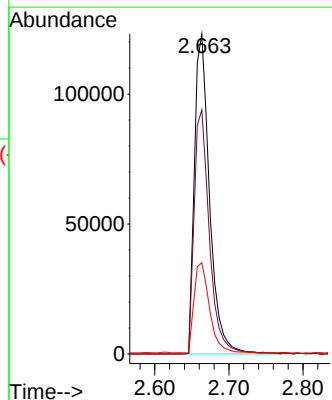
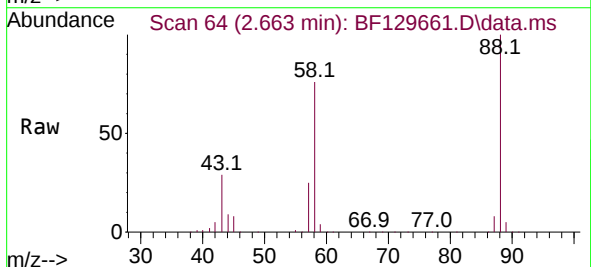
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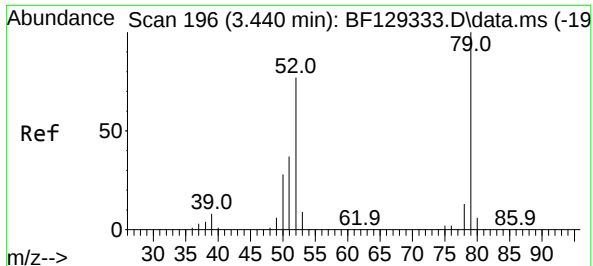
Tgt Ion:152 Resp: 231233
 Ion Ratio Lower Upper
 152 100
 150 155.3 123.7 185.5
 115 63.8 49.9 74.9



#2
 1,4-Dioxane
 Concen: 27.261 ng
 RT: 2.663 min Scan# 64
 Delta R.T. 0.053 min
 Lab File: BF129661.D
 Acq: 09 Aug 2022 11:53

Tgt Ion: 88 Resp: 174592
 Ion Ratio Lower Upper
 88 100
 58 76.2 71.8 107.8
 43 29.0 26.6 39.8

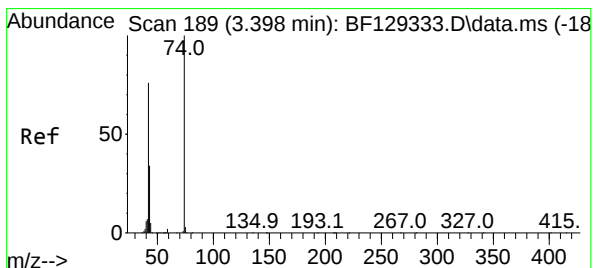
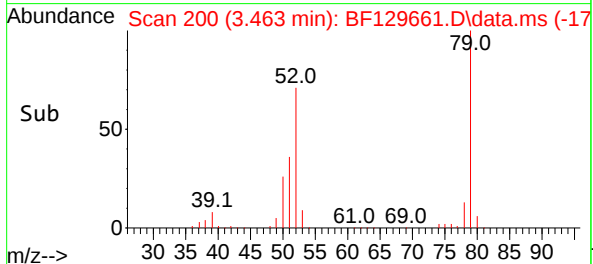
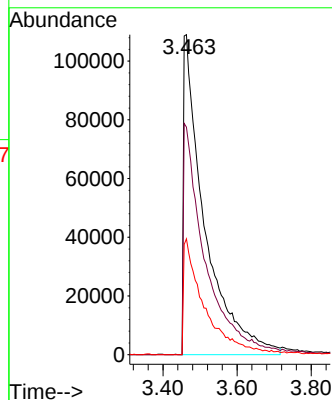
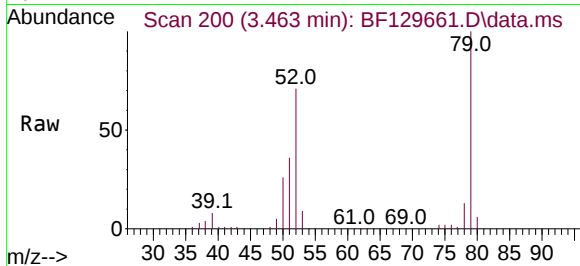




#3
Pyridine
Concen: 23.982 ng
RT: 3.463 min Scan# 20
Delta R.T. 0.071 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

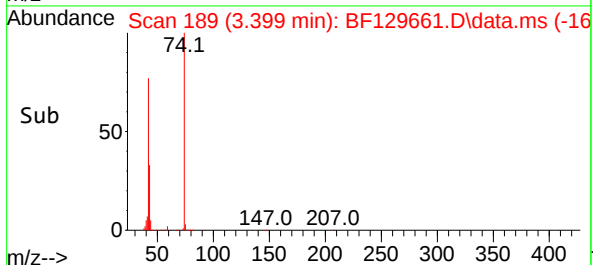
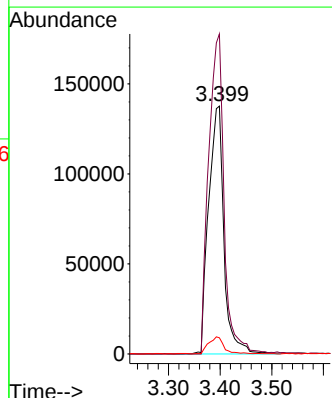
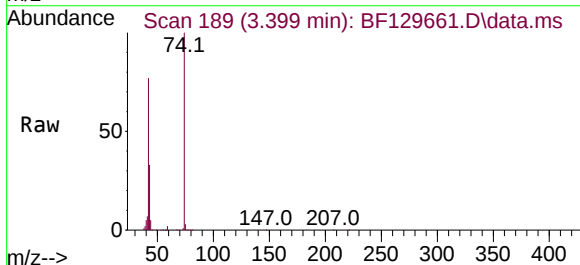
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 79 Resp: 426527
Ion Ratio Lower Upper
79 100
52 71.1 68.6 102.8
51 36.2 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 36.276 ng
RT: 3.399 min Scan# 189
Delta R.T. 0.047 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion: 42 Resp: 283315
Ion Ratio Lower Upper
42 100
74 129.1 94.8 142.2
44 6.6 6.6 10.0#

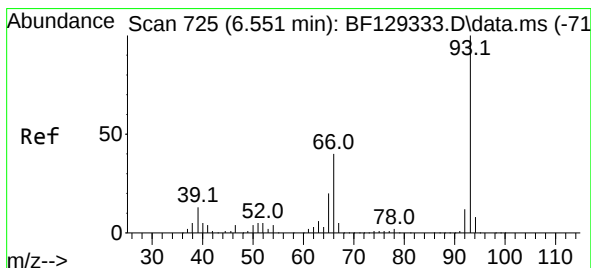
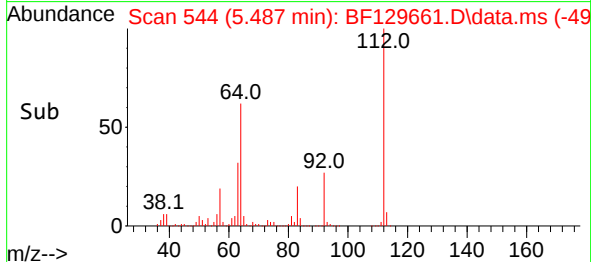
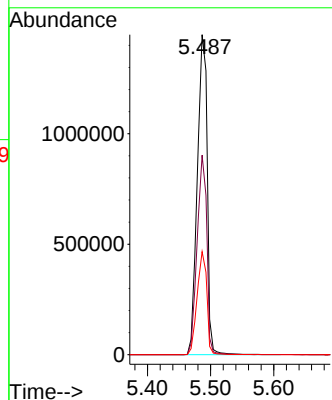
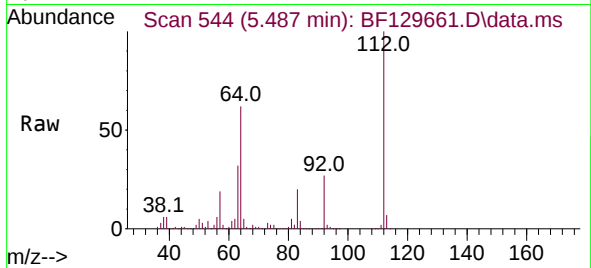




#5
2-Fluorophenol
Concen: 110.749 ng
RT: 5.487 min Scan# 54
Delta R.T. 0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

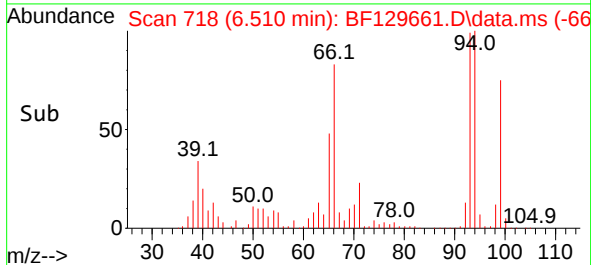
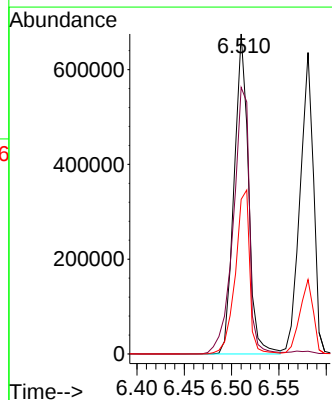
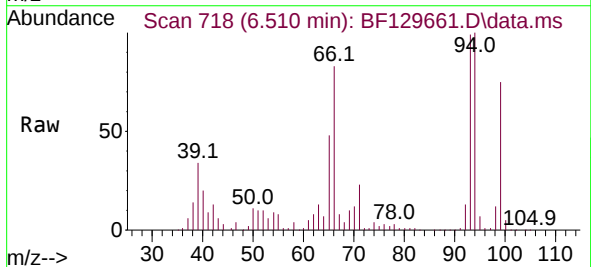
Instrument :
BNA_F
ClientSampleId :
PB146618BS

Tgt Ion:112 Resp: 1572059
Ion Ratio Lower Upper
112 100
64 62.3 53.3 79.9
63 32.2 28.0 42.0



#6
Aniline
Concen: 31.954 ng
RT: 6.510 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion: 93 Resp: 708764
Ion Ratio Lower Upper
93 100
66 83.3 32.5 48.7#
65 48.3 16.4 24.6#



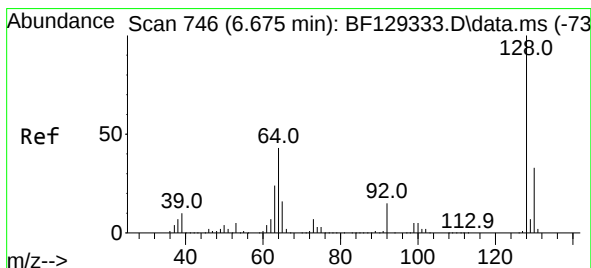
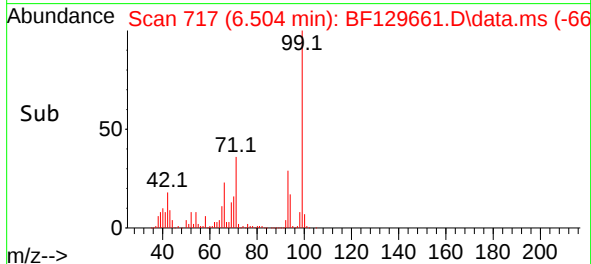
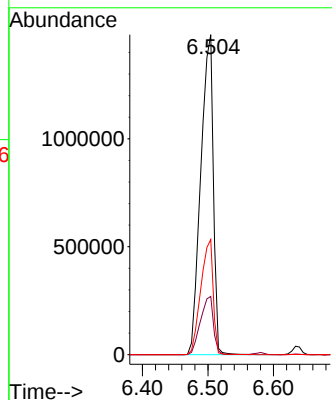
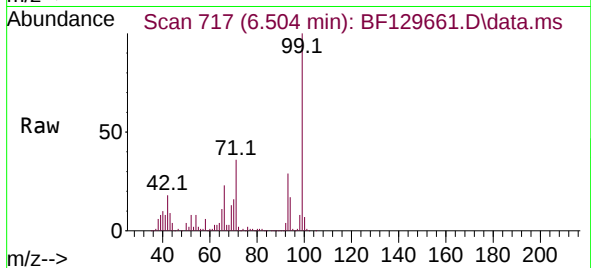


#7
Phenol-d6
Concen: 110.377 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129661.D
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Instrument :
BNA_F
ClientSampleId :
PB146618BS

Tgt Ion: 99 Resp: 1969353

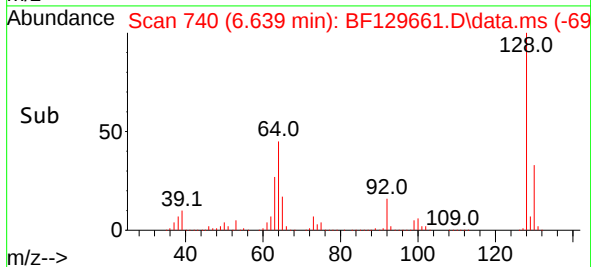
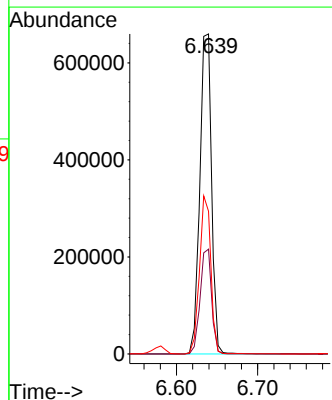
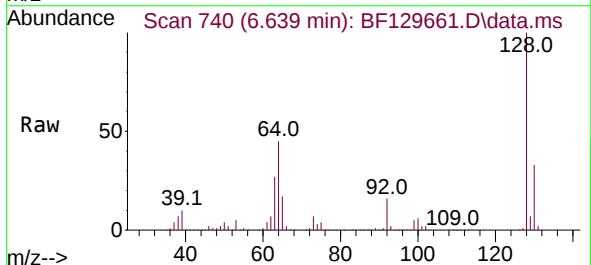
Ion	Ratio	Lower	Upper
99	100		
42	18.2	17.3	25.9
71	36.0	28.9	43.3

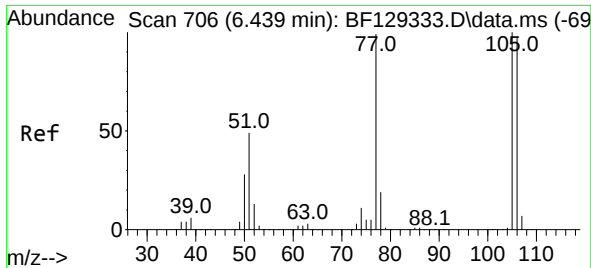


#8
2-Chlorophenol
Concen: 42.908 ng
RT: 6.639 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion: 128 Resp: 665421

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.1	53.1
64	44.6	30.9	70.9

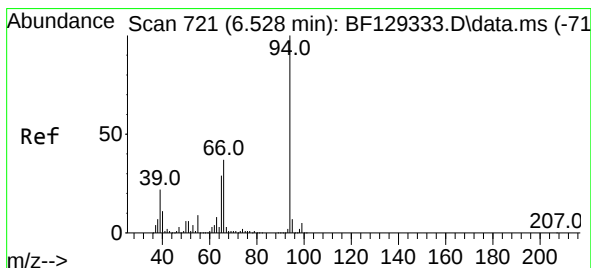
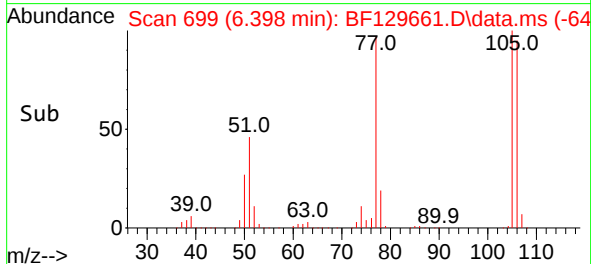
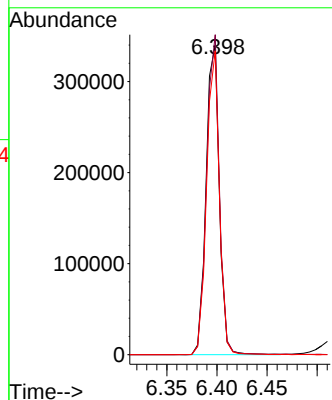
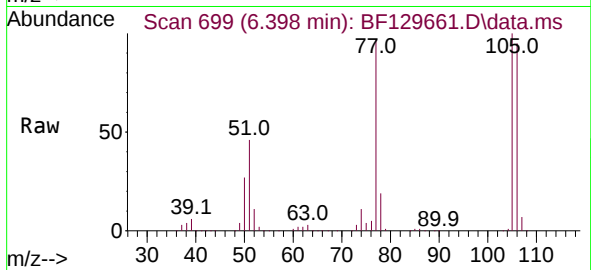




#9
Benzaldehyde
Concen: 25.969 ng
RT: 6.398 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

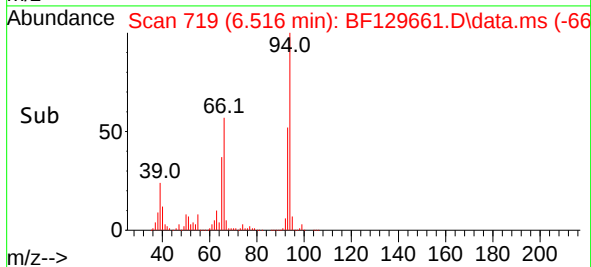
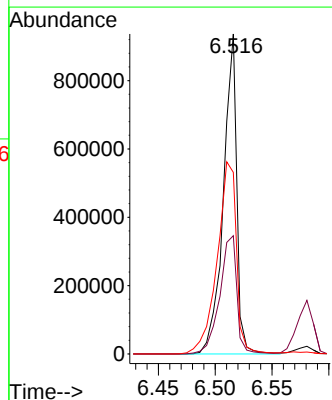
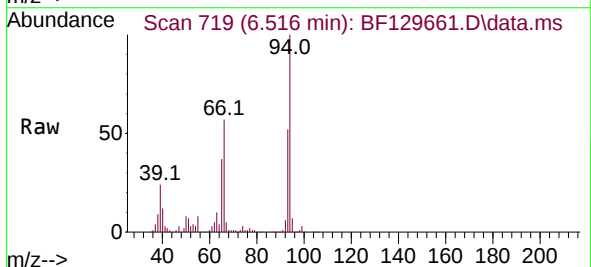
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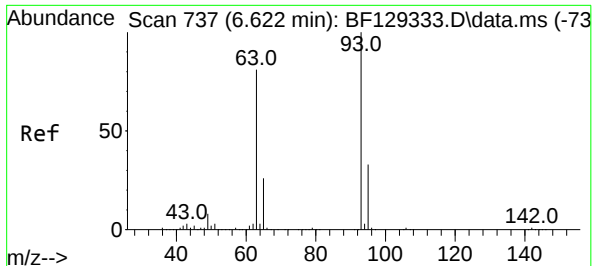
Tgt Ion: 77 Resp: 314652
Ion Ratio Lower Upper
77 100
105 103.3 81.6 121.6
106 98.1 76.1 116.1



#10
Phenol
Concen: 40.662 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion: 94 Resp: 772579
Ion Ratio Lower Upper
94 100
65 36.9 11.4 51.4
66 56.8 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 41.329 ng

RT: 6.581 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

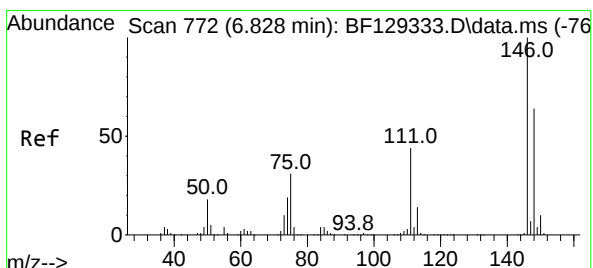
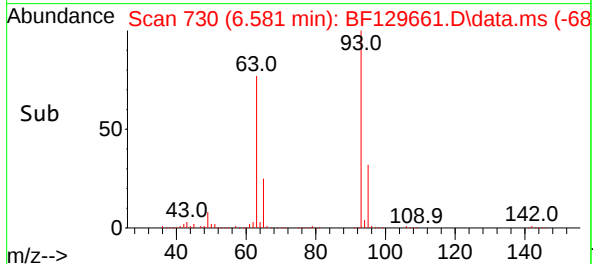
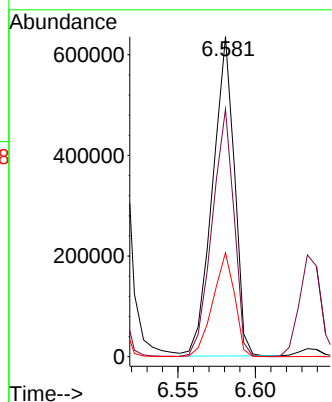
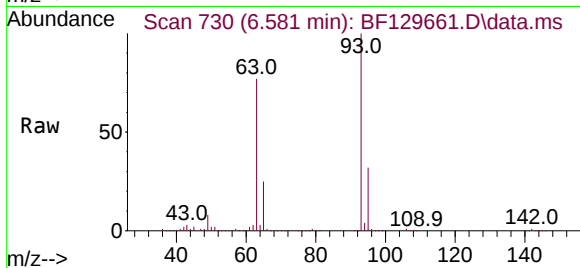
Tgt Ion: 93 Resp: 622760

Ion Ratio Lower Upper

93 100

63 77.4 67.4 107.4

95 32.5 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 39.014 ng

RT: 6.781 min Scan# 764

Delta R.T. -0.012 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

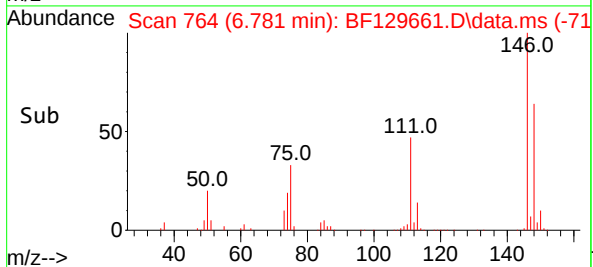
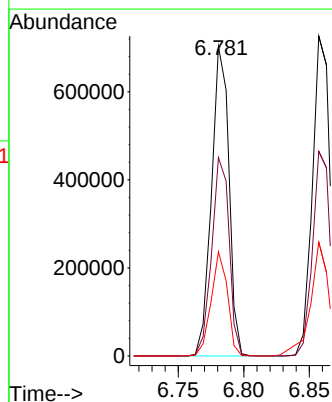
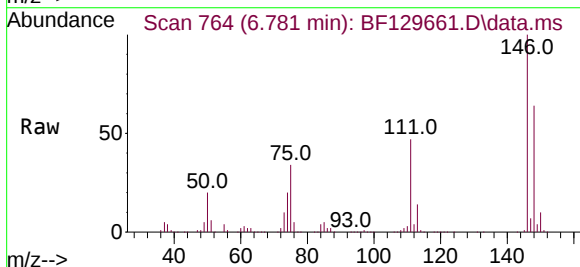
Tgt Ion:146 Resp: 648900

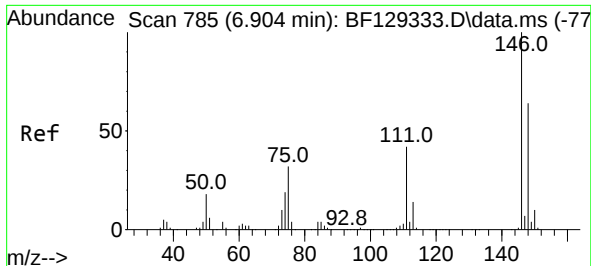
Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

75 33.6 26.3 39.5

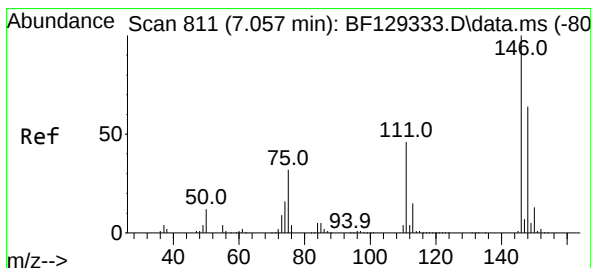
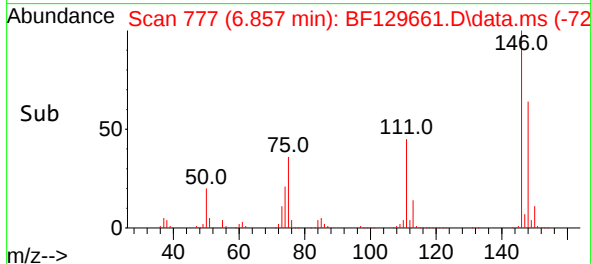
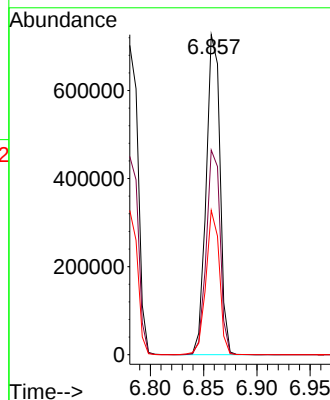
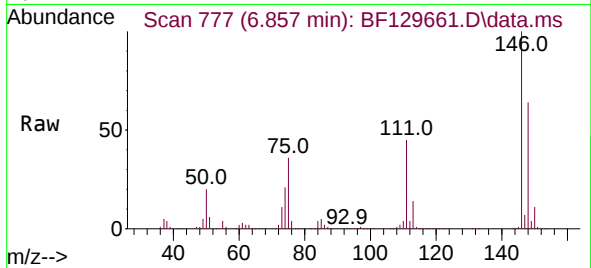




#13
1,4-Dichlorobenzene
Concen: 39.065 ng
RT: 6.857 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

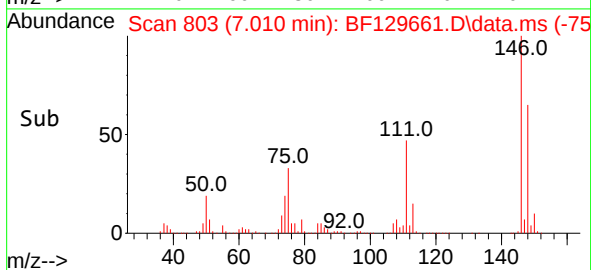
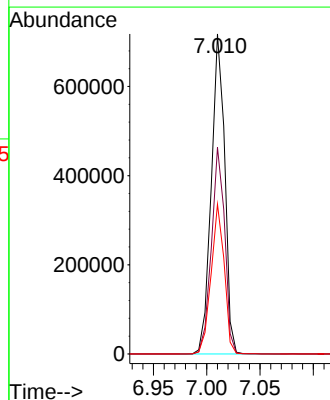
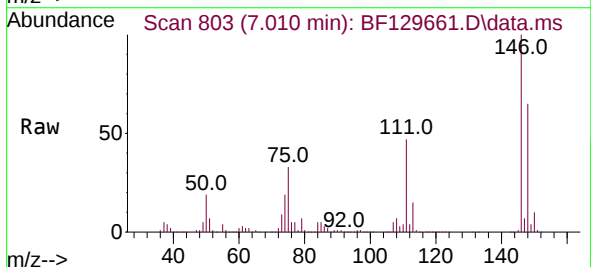
Instrument :
BNA_F
ClientSampleId :
PB146618BS

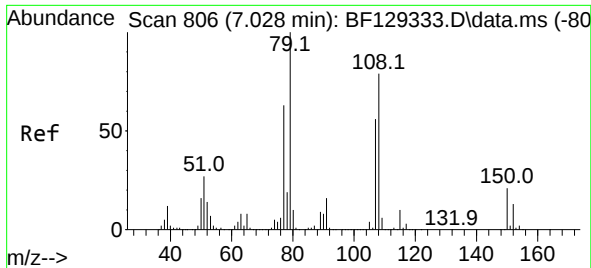
Tgt Ion:146 Resp: 660804
Ion Ratio Lower Upper
146 100
148 64.0 51.1 76.7
111 45.1 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 40.554 ng
RT: 7.010 min Scan# 803
Delta R.T. -0.012 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:146 Resp: 630536
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
111 46.8 35.1 52.7

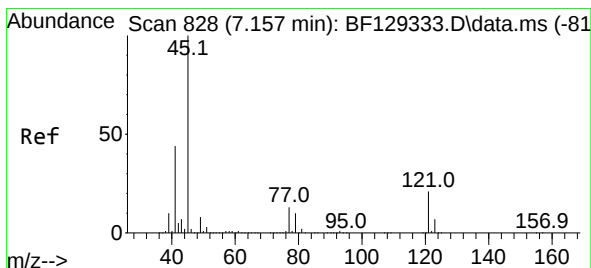
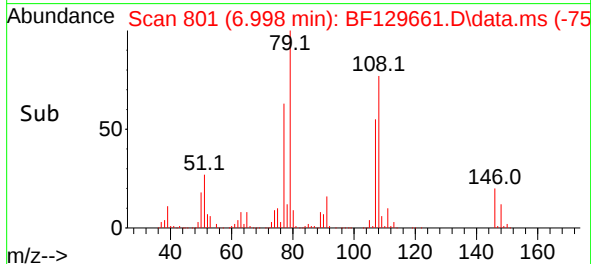
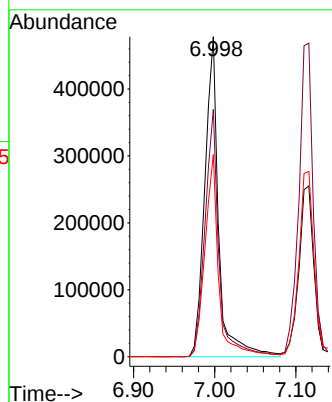
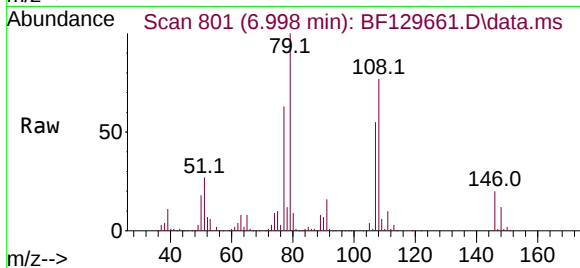




#15
Benzyl Alcohol
Concen: 43.872 ng
RT: 6.998 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

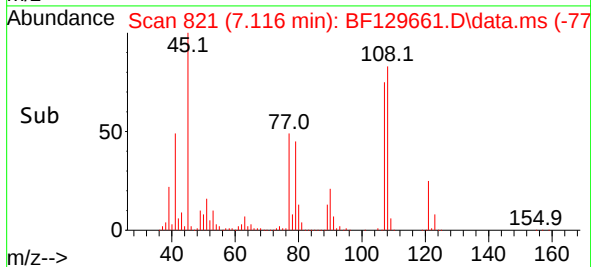
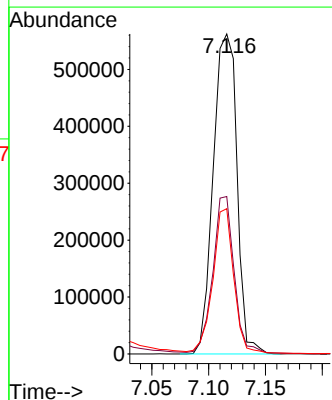
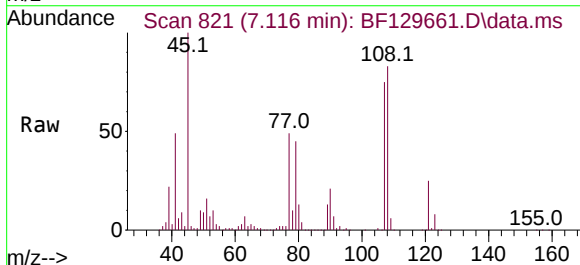
Instrument :
BNA_F
ClientSampleId :
PB146618BS

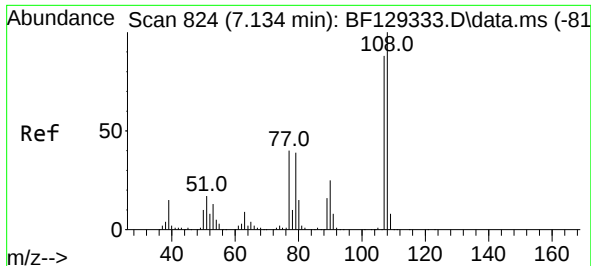
Tgt Ion: 79 Resp: 567704
Ion Ratio Lower Upper
79 100
108 77.2 61.8 92.6
77 63.2 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.988 ng
RT: 7.116 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

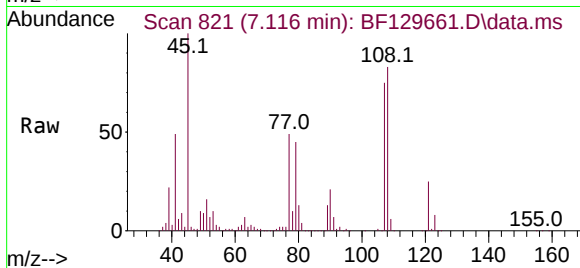
Tgt Ion: 45 Resp: 815140
Ion Ratio Lower Upper
45 100
77 49.2 0.0 31.3#
79 45.4 0.0 28.3#



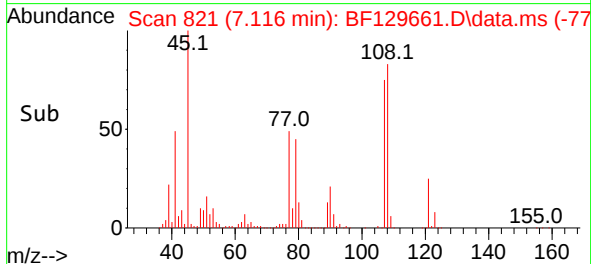
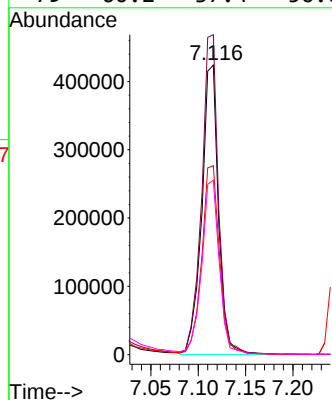


#17
2-Methylphenol
Concen: 40.591 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :
BNA_F
ClientSampleId :
PB146618BS

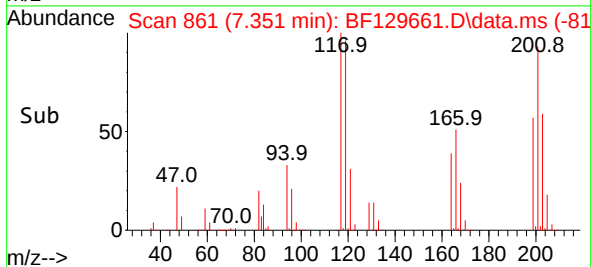
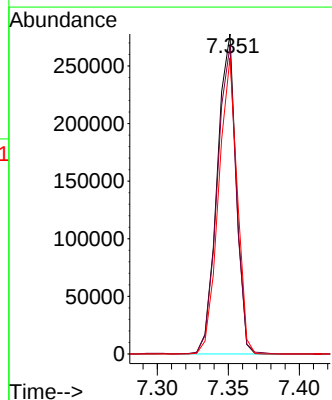
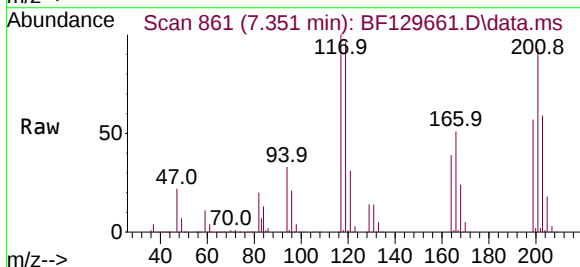


Tgt Ion:107 Resp: 522218
Ion Ratio Lower Upper
107 100
108 110.5 91.9 137.9
77 65.3 37.8 56.8#
79 60.2 37.4 56.0#



#18
Hexachloroethane
Concen: 40.434 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:117 Resp: 257535
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.2
201 92.6 84.6 127.0



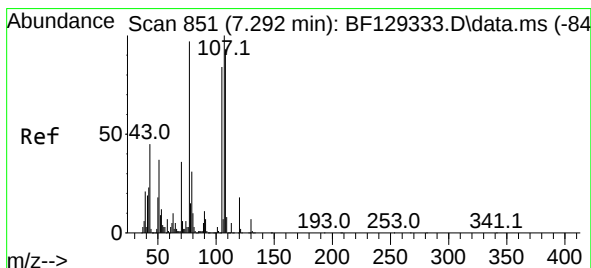
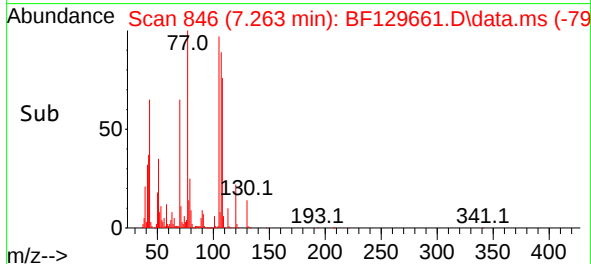
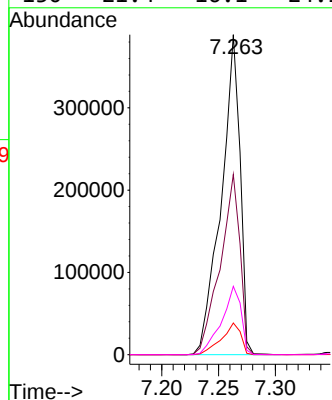
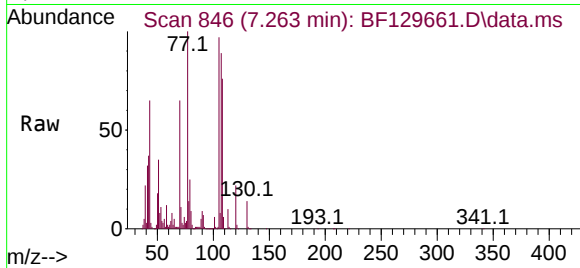


#19
n-Nitroso-di-n-propylamine
Concen: 41.631 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :
BNA_F
ClientSampleId :
PB146618BS

Tgt Ion: 70 Resp: 449673

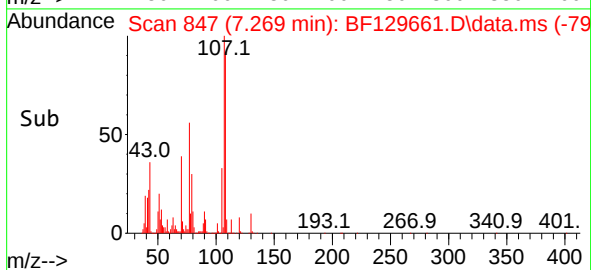
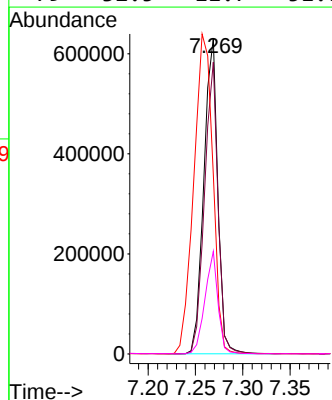
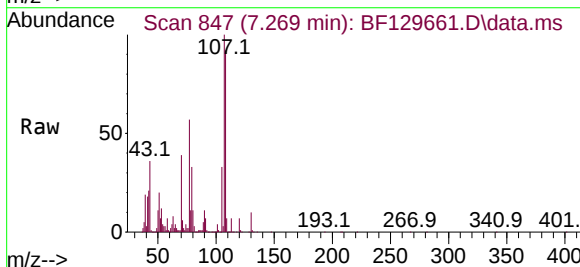
Ion	Ratio	Lower	Upper
70	100		
42	56.3	52.3	78.5
101	9.9	7.5	11.3
130	21.4	16.1	24.1



#20
3+4-Methylphenols
Concen: 39.387 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion: 107 Resp: 644285

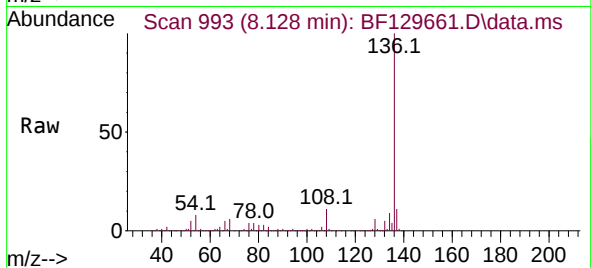
Ion	Ratio	Lower	Upper
107	100		
108	92.5	71.8	111.8
77	56.9	59.3	99.3#
79	32.5	11.7	51.7



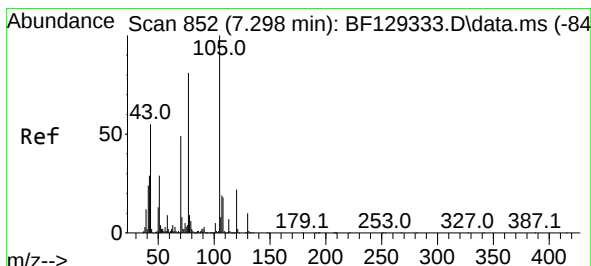
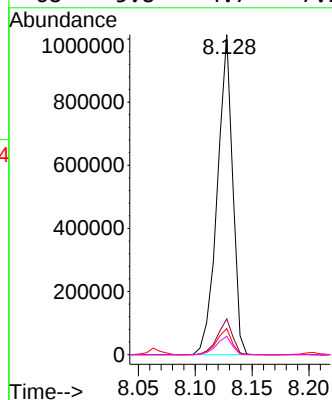
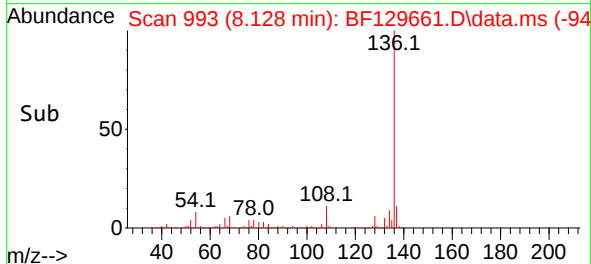


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

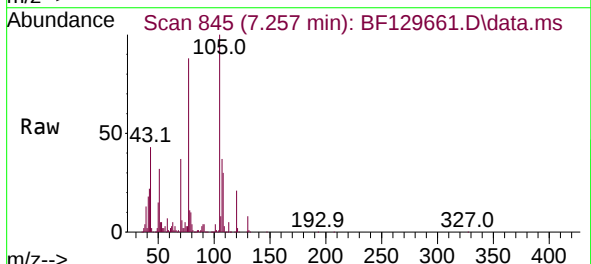
Instrument :
BNA_F
ClientSampleId :
PB146618BS



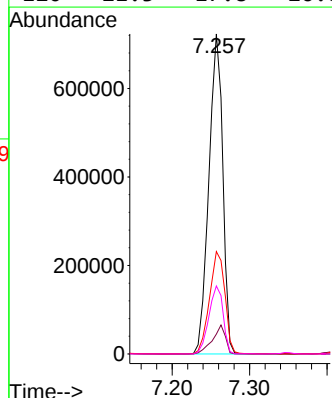
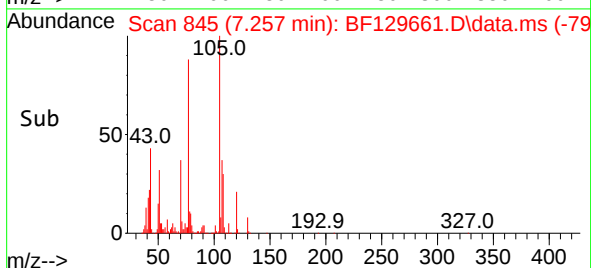
Tgt Ion:136 Resp: 949899
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.1 7.5 11.3
68 5.8 4.7 7.1



#22
Acetophenone
Concen: 40.704 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53



Tgt Ion:105 Resp: 900197
Ion Ratio Lower Upper
105 100
71 6.2 5.0 7.4
51 32.0 25.0 37.4
120 21.3 17.8 26.8

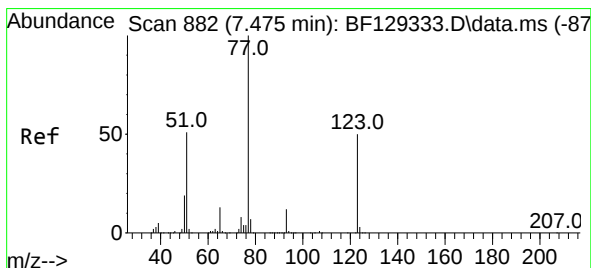
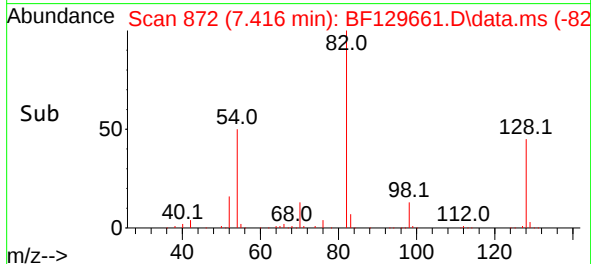
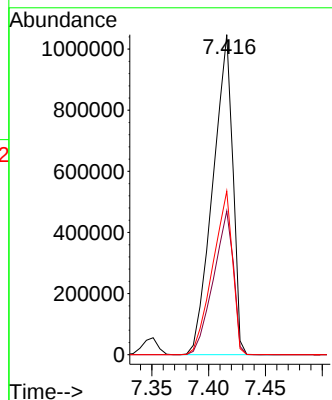
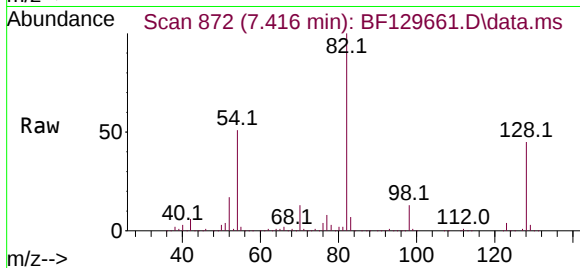




#23
Nitrobenzene-d5
Concen: 73.563 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

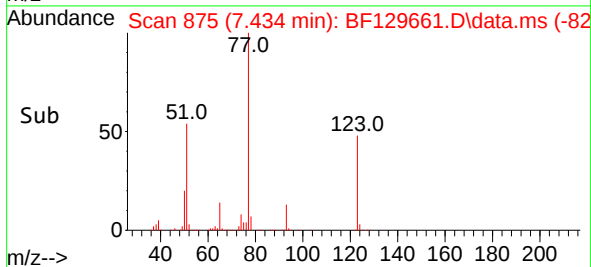
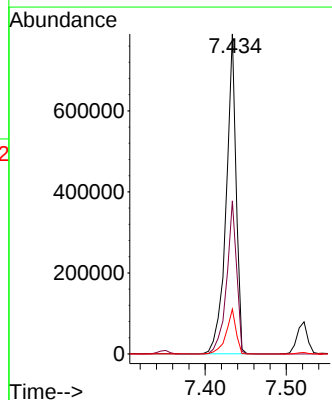
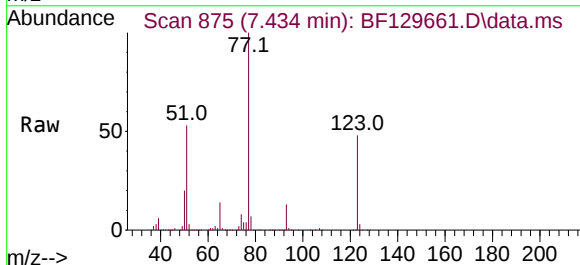
Instrument :
BNA_F
ClientSampleId :
PB146618BS

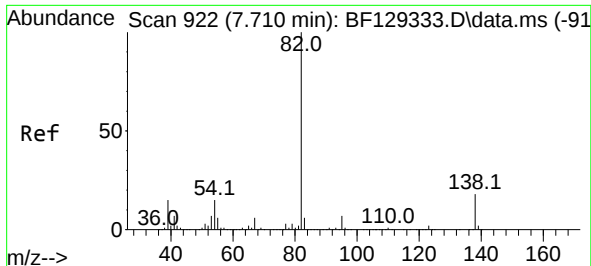
Tgt Ion: 82 Resp: 1280081
Ion Ratio Lower Upper
82 100
128 44.9 34.0 51.0
54 51.1 46.9 70.3



#24
Nitrobenzene
Concen: 37.715 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion: 77 Resp: 675813
Ion Ratio Lower Upper
77 100
123 47.8 35.4 53.2
65 14.0 11.8 17.8

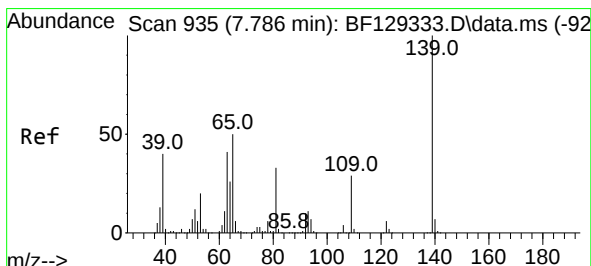
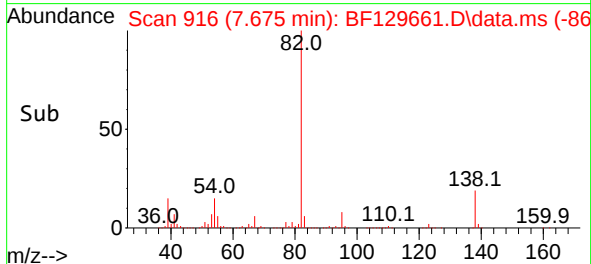
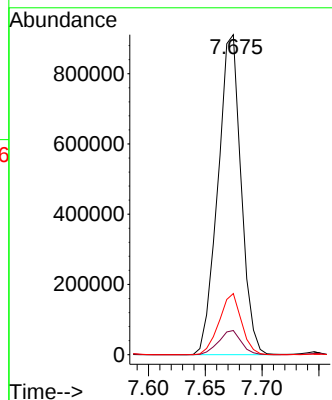
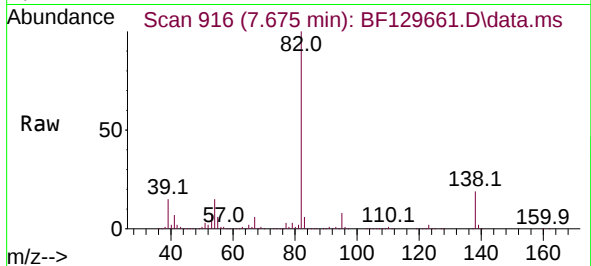




#25
Isophorone
Concen: 41.461 ng
RT: 7.675 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

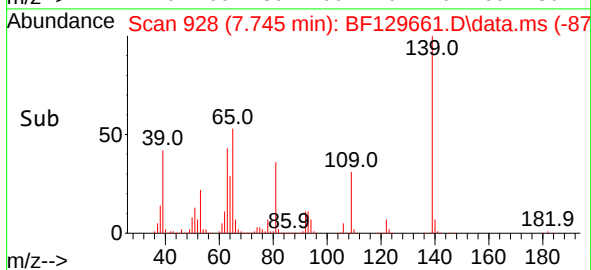
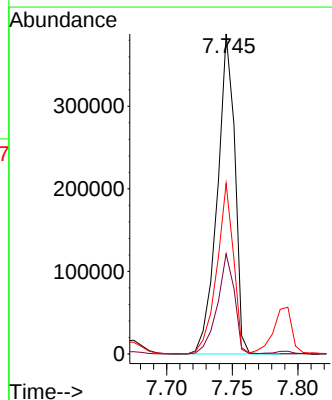
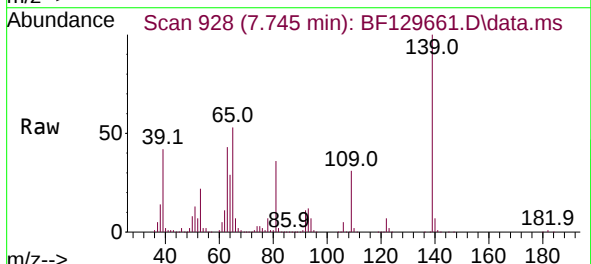
Instrument :
BNA_F
ClientSampleId :
PB146618BS

Tgt Ion: 82 Resp: 1293217
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 19.1 14.2 21.2



#26
2-Nitrophenol
Concen: 40.656 ng
RT: 7.745 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion: 139 Resp: 359393
Ion Ratio Lower Upper
139 100
109 31.3 25.0 37.4
65 53.3 45.1 67.7

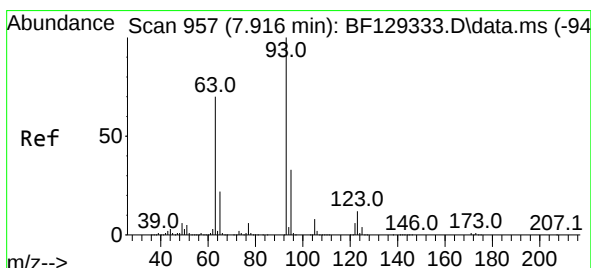
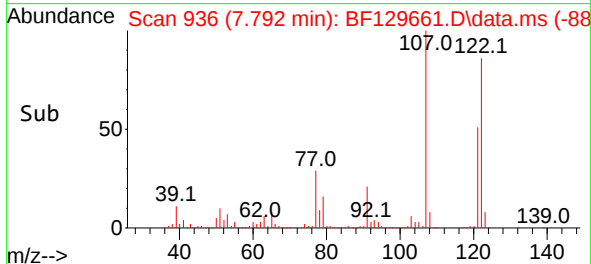
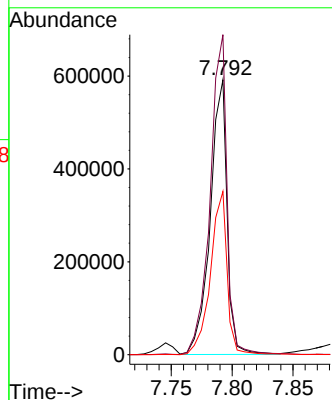
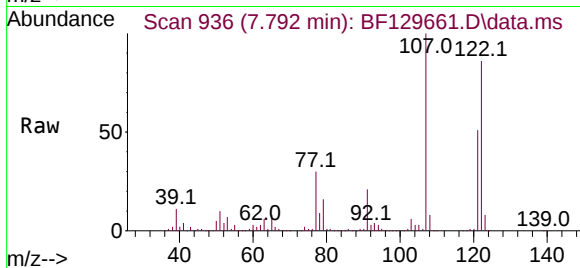




#27
2,4-Dimethylphenol
Concen: 42.941 ng
RT: 7.792 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

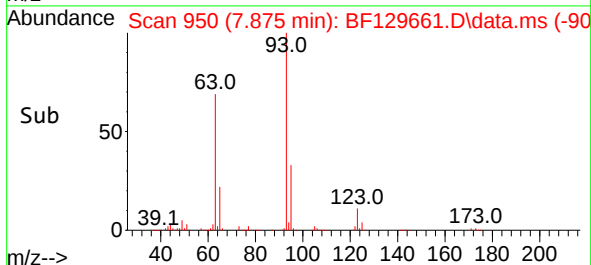
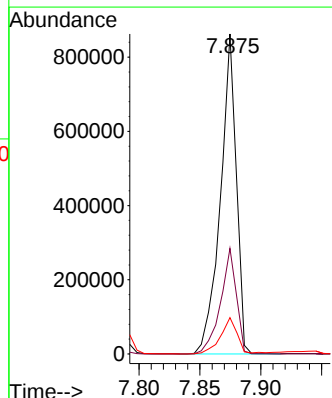
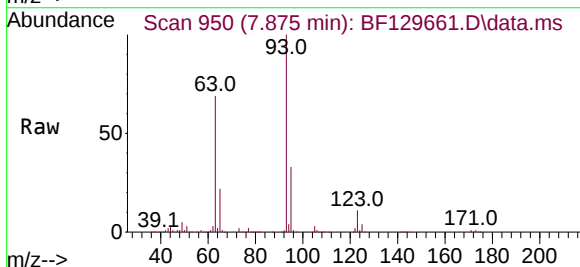
Instrument :
BNA_F
ClientSampleId :
PB146618BS

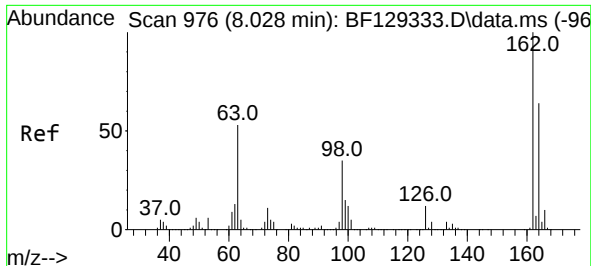
Tgt Ion:122 Resp: 569397
Ion Ratio Lower Upper
122 100
107 116.4 93.0 139.6
121 59.4 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 43.437 ng
RT: 7.875 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion: 93 Resp: 785963
Ion Ratio Lower Upper
93 100
95 33.0 26.8 40.2
123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.977 ng

RT: 7.992 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

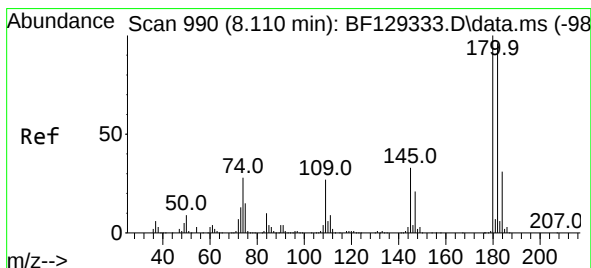
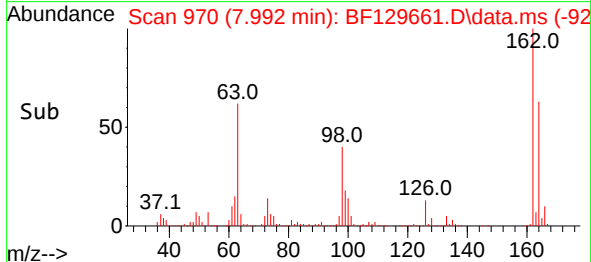
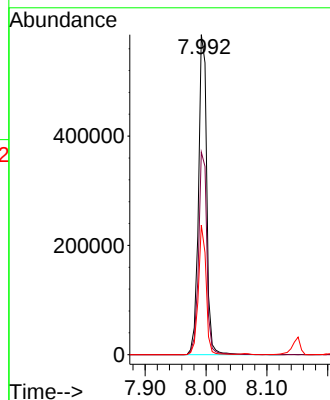
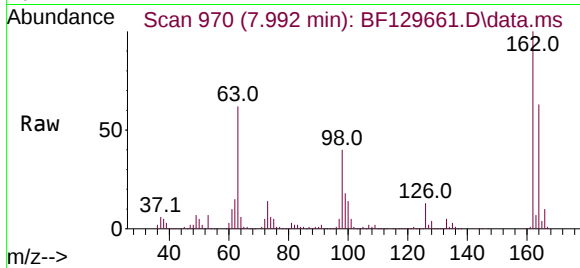
Tgt Ion:162 Resp: 547128

Ion Ratio Lower Upper

162 100

164 63.3 44.2 84.2

98 40.5 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 38.752 ng

RT: 8.069 min Scan# 983

Delta R.T. -0.006 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

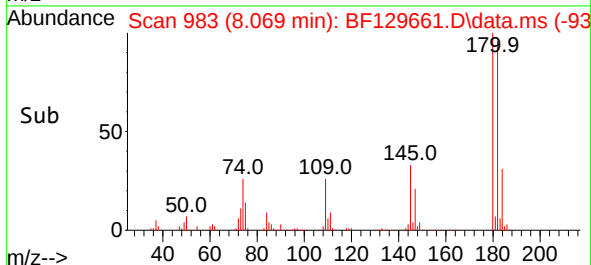
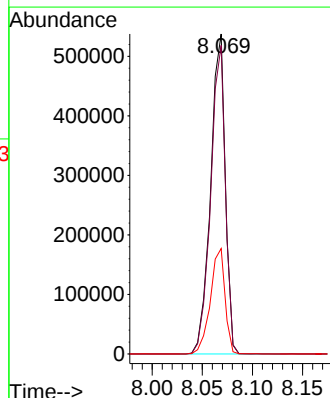
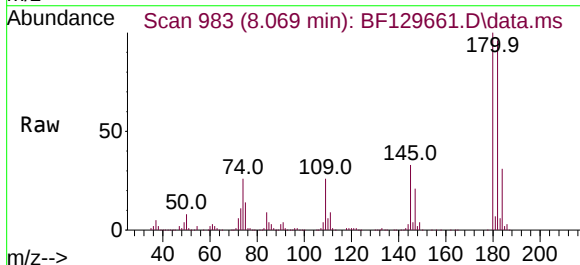
Tgt Ion:180 Resp: 548969

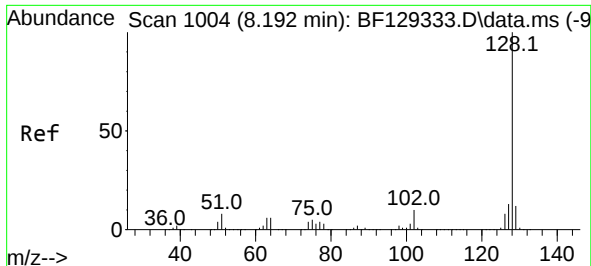
Ion Ratio Lower Upper

180 100

182 96.5 79.2 118.8

145 33.0 26.2 39.2

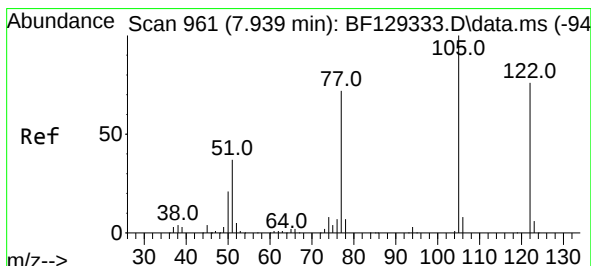
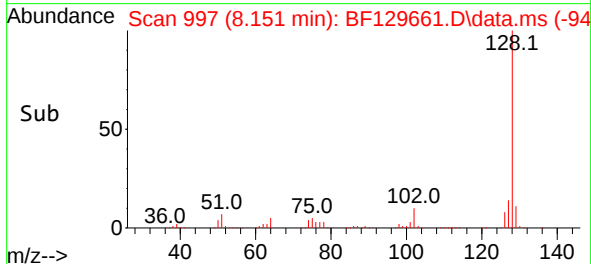
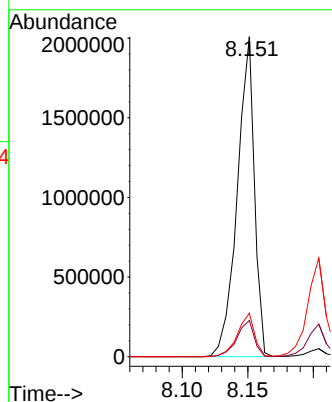
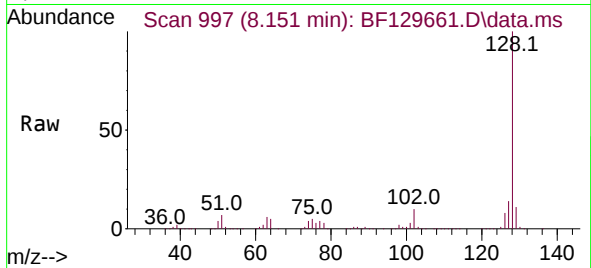




#31
Naphthalene
Concen: 37.935 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

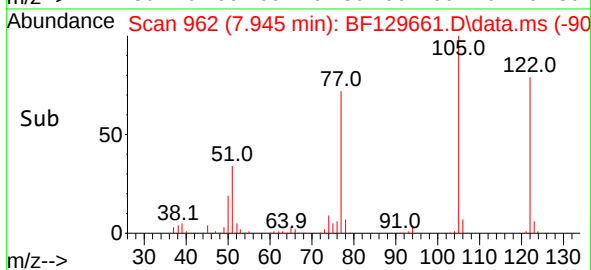
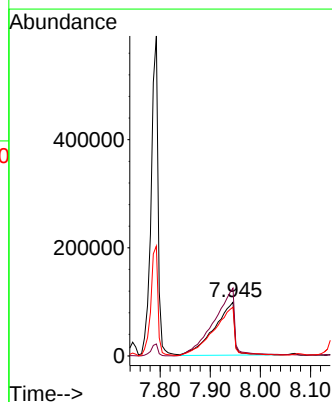
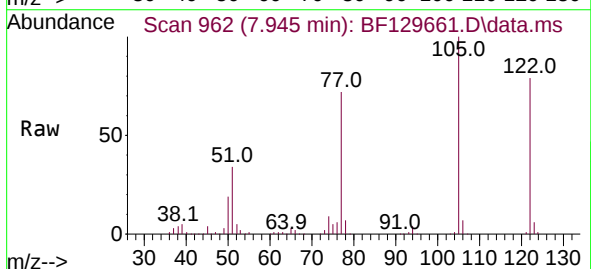
Instrument :
BNA_F
ClientSampleId :
PB146618BS

Tgt Ion:128 Resp: 1830780
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.6 10.5 15.7



#32
Benzoic acid
Concen: 29.353 ng
RT: 7.945 min Scan# 962
Delta R.T. 0.012 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:122 Resp: 281381
Ion Ratio Lower Upper
122 100
105 126.1 107.1 147.1
77 90.8 74.2 114.2

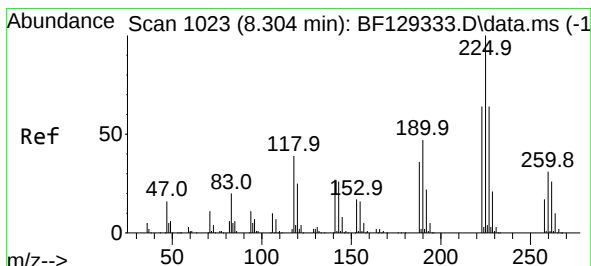
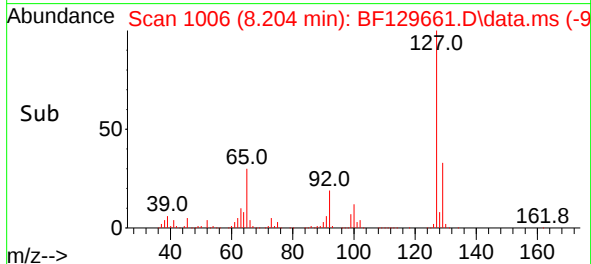
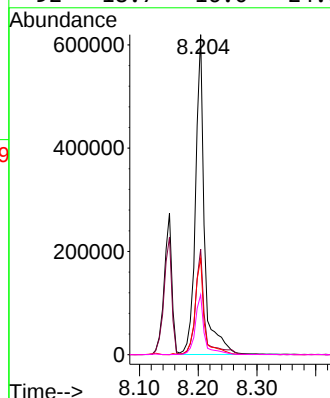
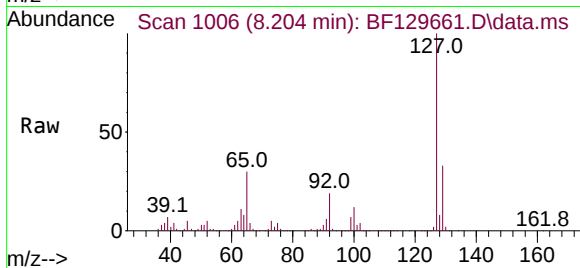




#33
4-Chloroaniline
Concen: 33.121 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

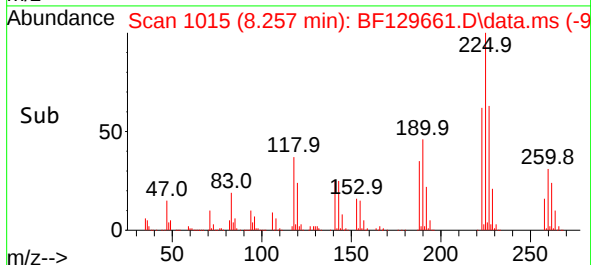
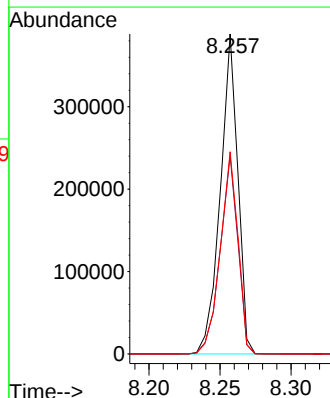
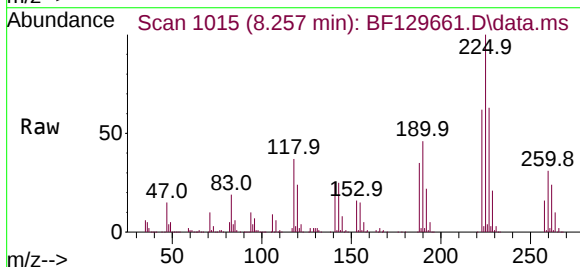
Instrument :
BNA_F
ClientSampleId :
PB146618BS

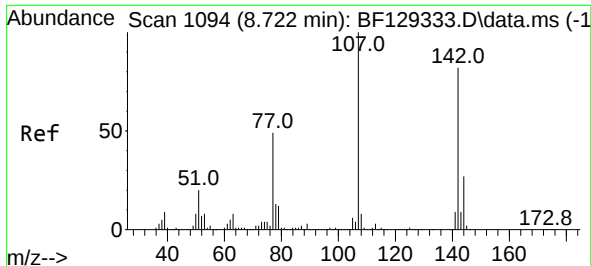
Tgt Ion:	127	Resp:	656254
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.4	39.6
65	30.1	26.4	39.6
92	18.7	16.0	24.0



#34
Hexachlorobutadiene
Concen: 41.244 ng
RT: 8.257 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:	225	Resp:	332122
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.6
227	63.2	51.1	76.7

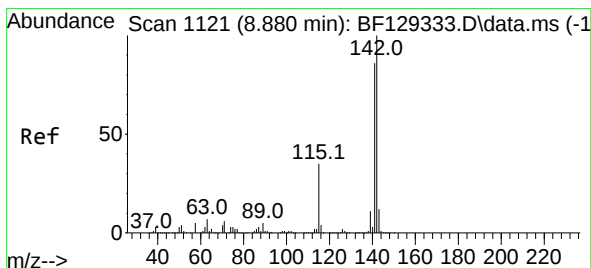
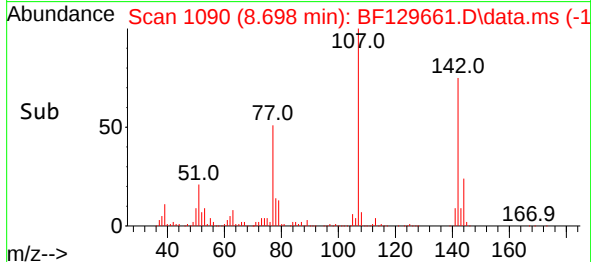
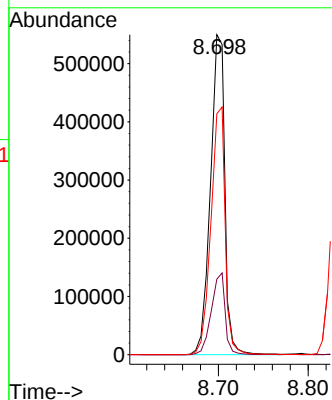
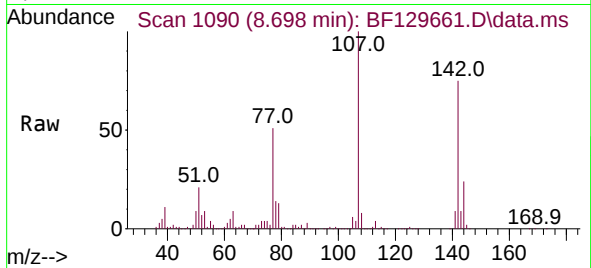




#36
4-Chloro-3-methylphenol
Concen: 42.151 ng
RT: 8.698 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

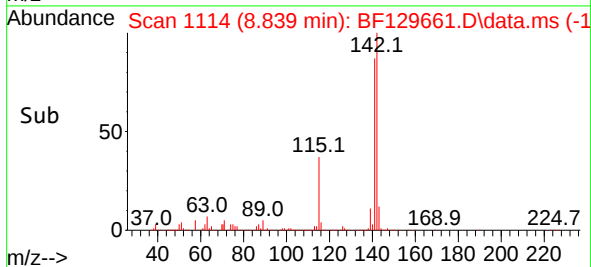
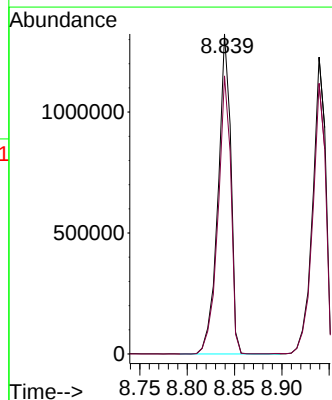
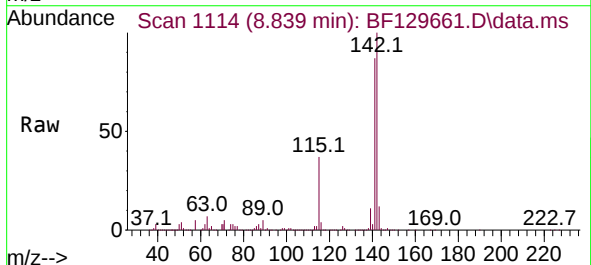
Instrument :
BNA_F
ClientSampleId :
PB146618BS

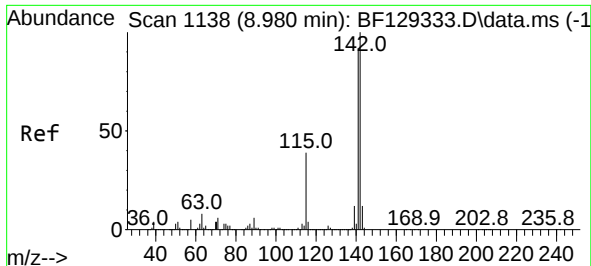
Tgt Ion:107 Resp: 611853
Ion Ratio Lower Upper
107 100
144 23.6 19.5 29.3
142 75.3 58.2 87.4



#37
2-Methylnaphthalene
Concen: 39.444 ng
RT: 8.839 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:142 Resp: 1237055
Ion Ratio Lower Upper
142 100
141 86.9 71.0 106.4

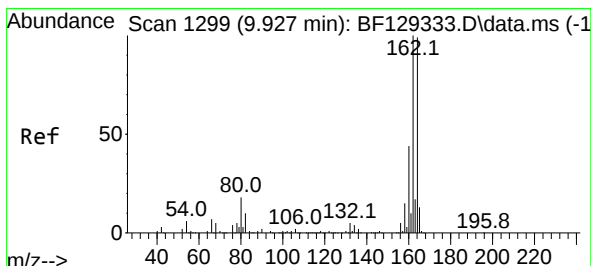
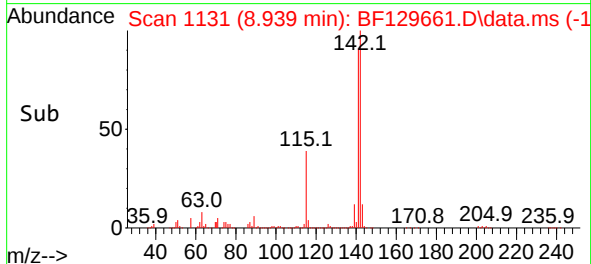
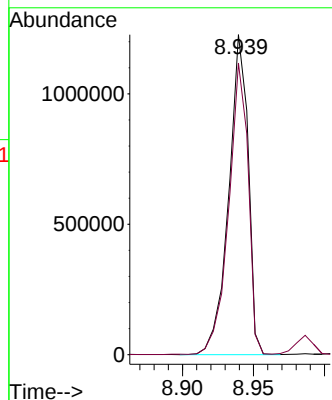
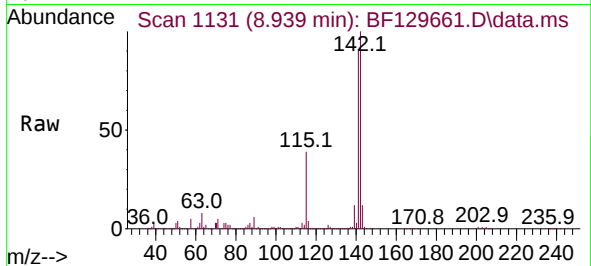




#38
1-Methylnaphthalene
Concen: 38.496 ng
RT: 8.939 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

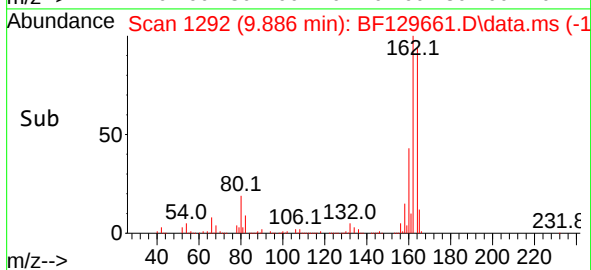
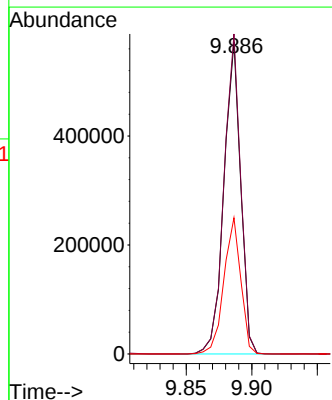
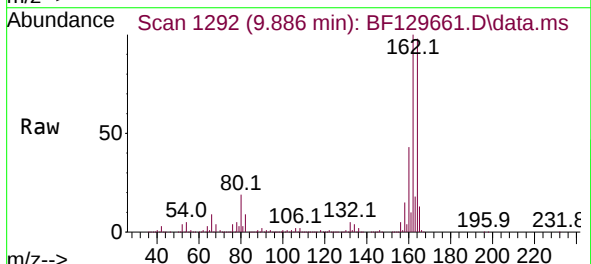
Instrument :
BNA_F
ClientSampleId :
PB146618BS

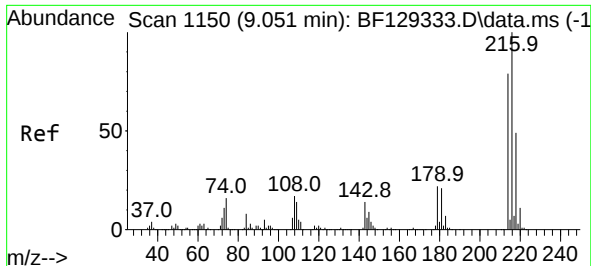
Tgt Ion:142 Resp: 1165496
Ion Ratio Lower Upper
142 100
141 91.2 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:164 Resp: 506238
Ion Ratio Lower Upper
164 100
162 102.5 79.5 119.3
160 43.6 34.2 51.4



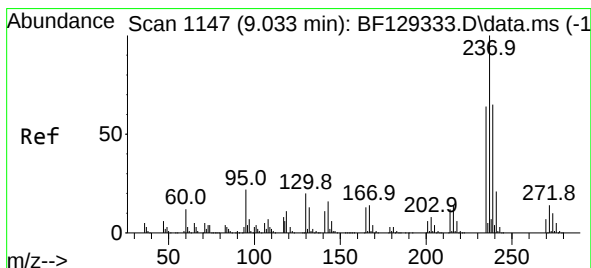
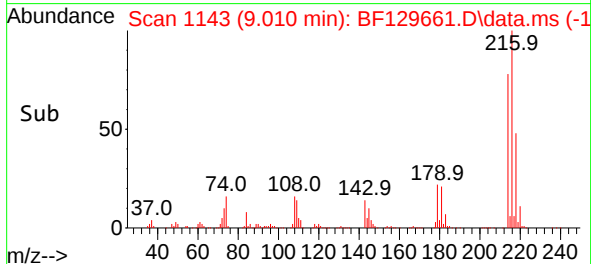
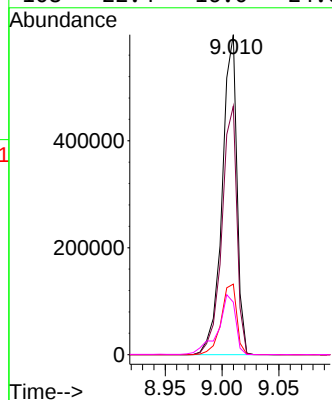
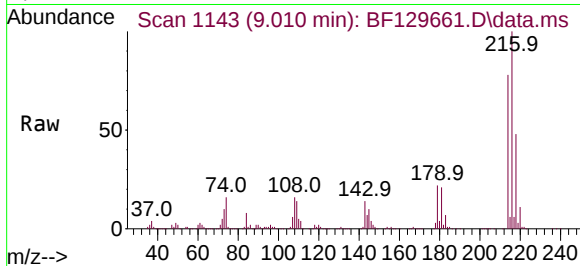


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.789 ng
 RT: 9.010 min Scan# 1150
 Delta R.T. -0.006 min
 Lab File: BF129661.D
 Acq: 09 Aug 2022 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB146618BS

Tgt Ion: 216 Resp: 542204

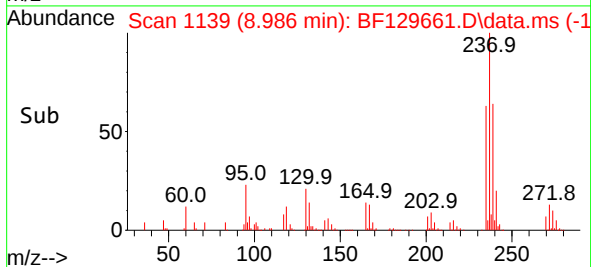
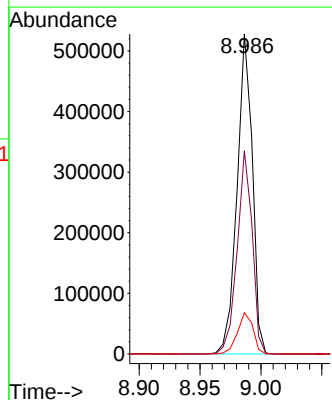
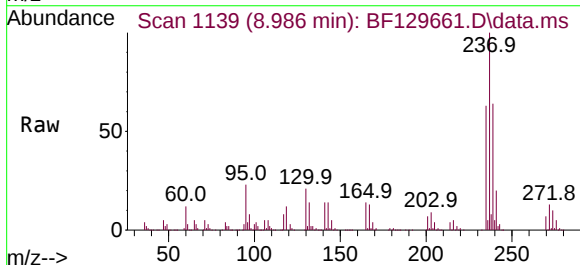
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.6	95.4
179	23.2	17.0	25.6
108	22.4	16.0	24.0

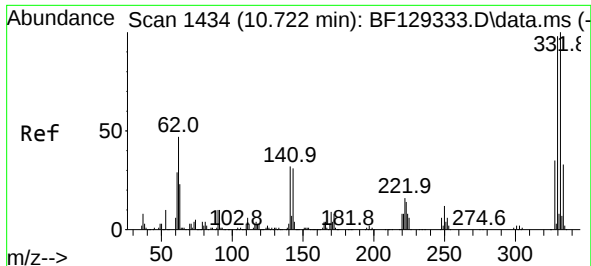


#41
 Hexachlorocyclopentadiene
 Concen: 77.893 ng
 RT: 8.986 min Scan# 1139
 Delta R.T. -0.012 min
 Lab File: BF129661.D
 Acq: 09 Aug 2022 11:53

Tgt Ion: 237 Resp: 461061

Ion	Ratio	Lower	Upper
237	100		
235	63.5	43.2	83.2
272	12.9	0.0	31.9





#42

2,4,6-Tribromophenol

Concen: 119.647 ng

RT: 10.686 min Scan# 1434

Delta R.T. -0.000 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

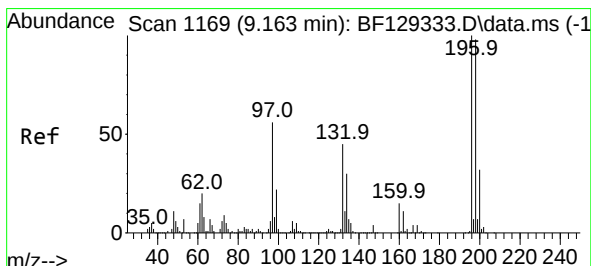
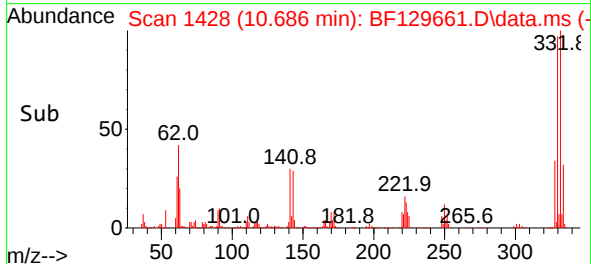
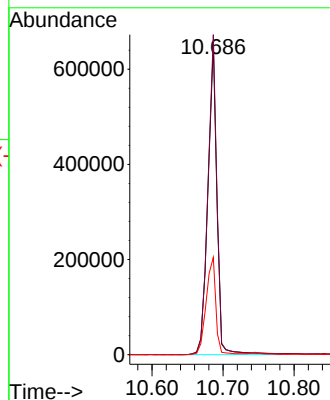
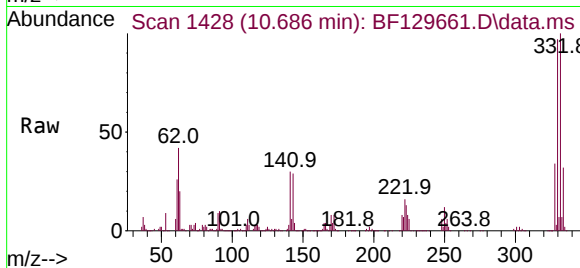
Tgt Ion:330 Resp: 582334

Ion Ratio Lower Upper

330 100

332 103.7 76.8 115.2

141 33.5 28.0 42.0



#43

2,4,6-Trichlorophenol

Concen: 38.084 ng

RT: 9.128 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

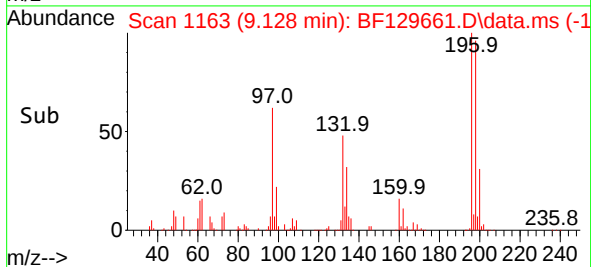
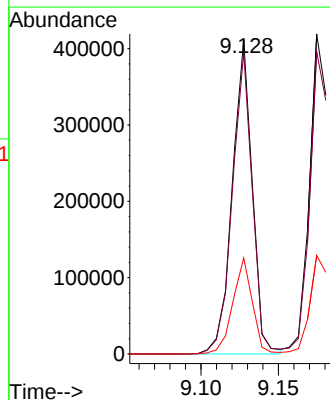
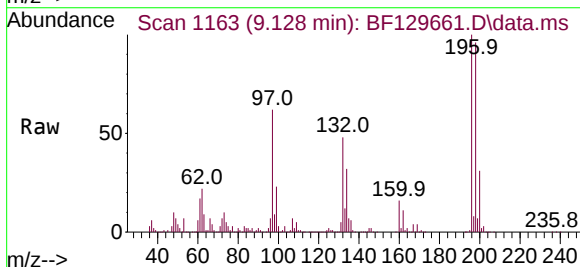
Tgt Ion:196 Resp: 367685

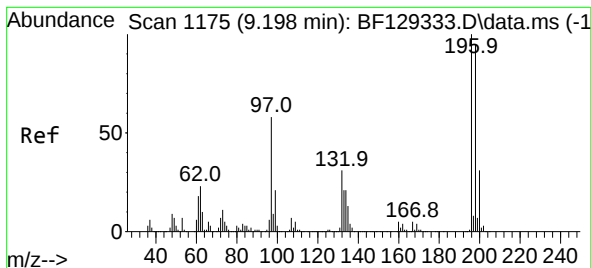
Ion Ratio Lower Upper

196 100

198 96.0 74.0 111.0

200 30.6 24.1 36.1





#44

2,4,5-Trichlorophenol

Concen: 37.092 ng

RT: 9.175 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

Tgt Ion:196 Resp: 389432

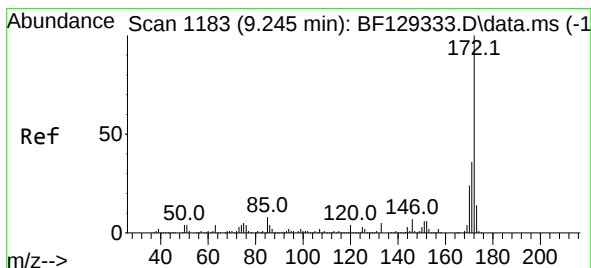
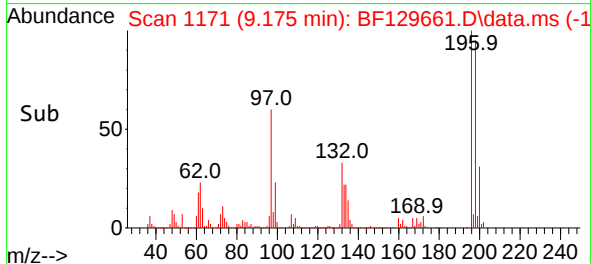
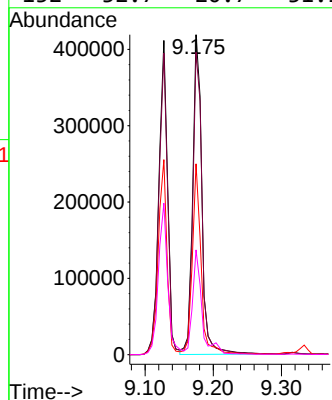
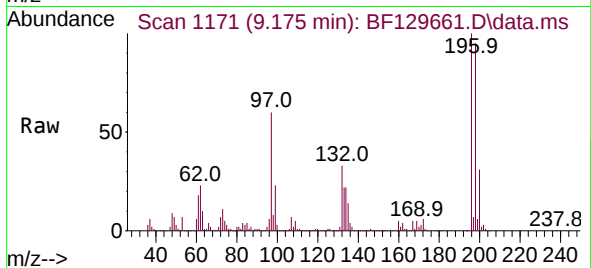
Ion Ratio Lower Upper

196 100

198 94.5 75.7 113.5

97 59.6 36.4 54.6#

132 32.7 20.7 31.1#



#45

2-Fluorobiphenyl

Concen: 72.126 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

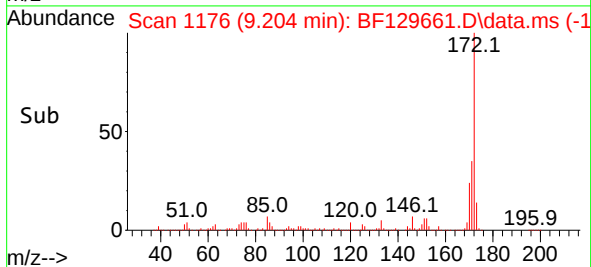
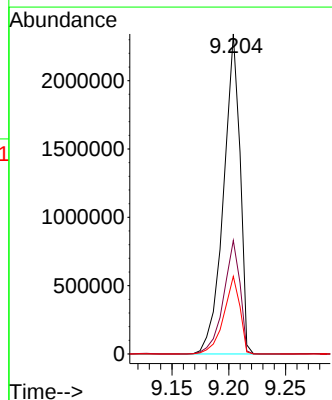
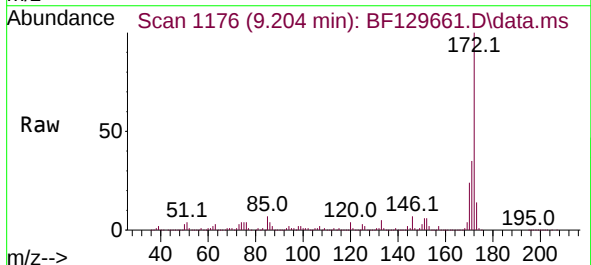
Tgt Ion:172 Resp: 2360324

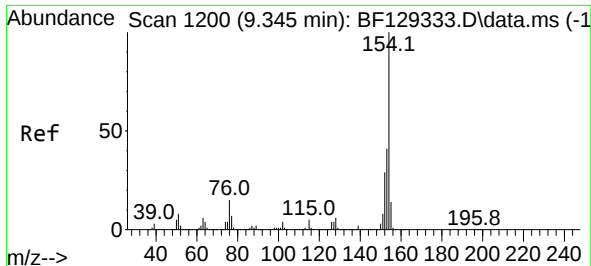
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 24.3 19.8 29.8

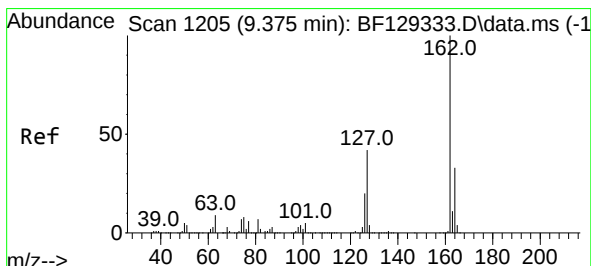
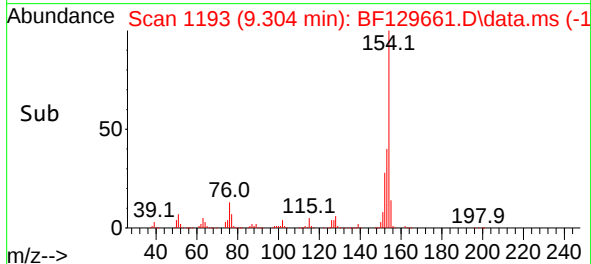
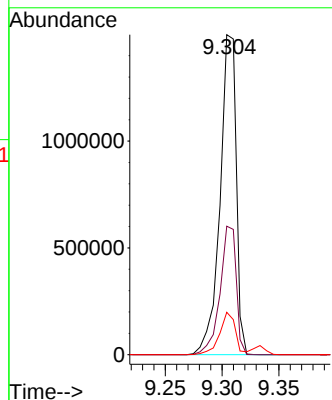
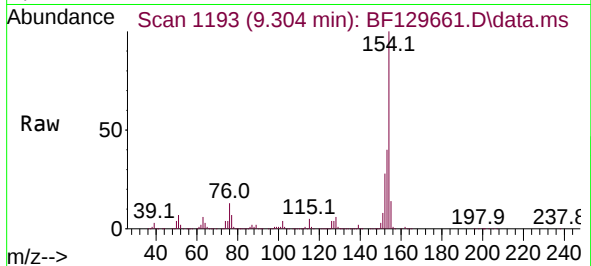




#46
1,1'-Biphenyl
Concen: 40.498 ng
RT: 9.304 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

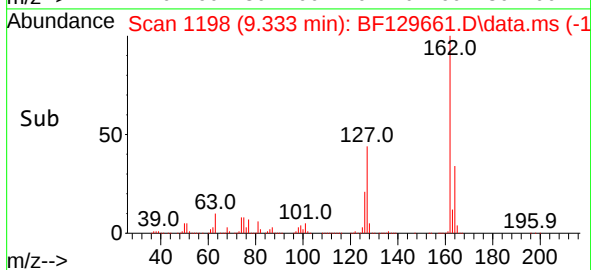
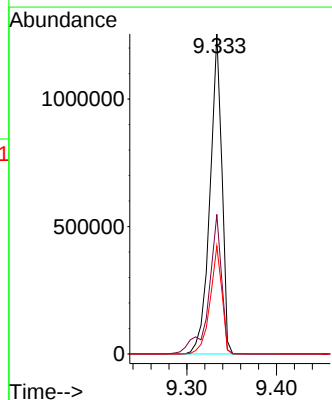
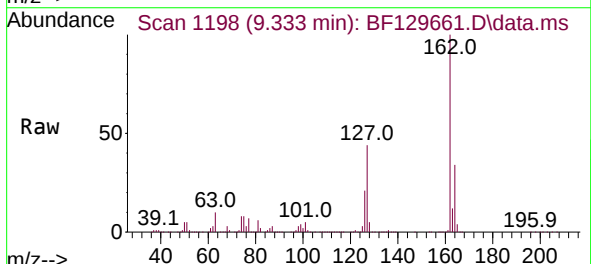
Instrument :
BNA_F
ClientSampleId :
PB146618BS

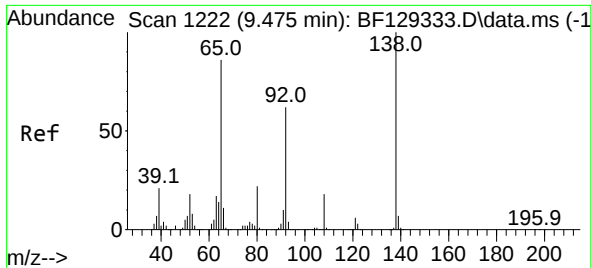
Tgt Ion:154 Resp: 1496205
Ion Ratio Lower Upper
154 100
153 40.2 20.6 60.6
76 13.3 0.0 33.3



#47
2-Chloronaphthalene
Concen: 38.616 ng
RT: 9.333 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:162 Resp: 1153325
Ion Ratio Lower Upper
162 100
127 43.6 34.5 51.7
164 33.8 26.5 39.7

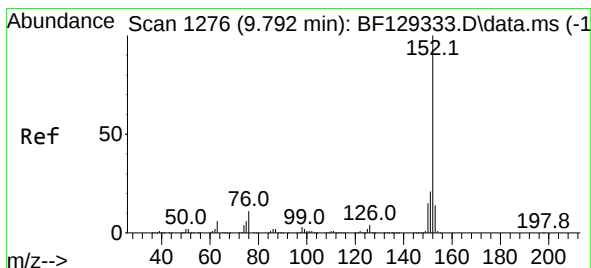
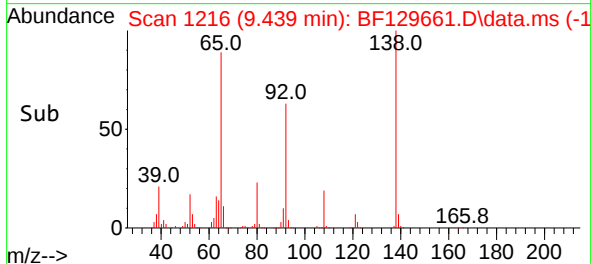
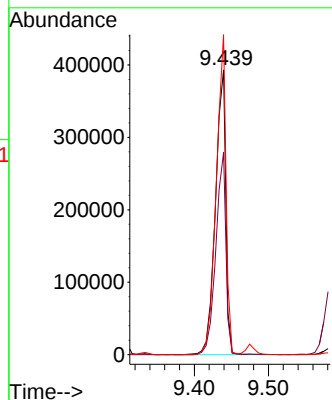
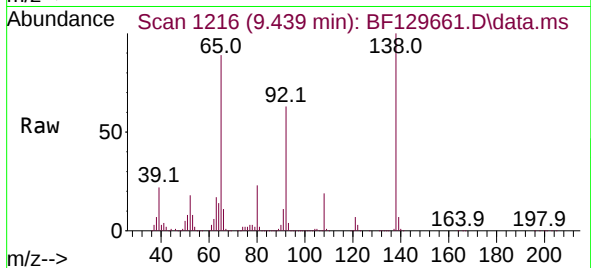




#48
2-Nitroaniline
Concen: 38.020 ng
RT: 9.439 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

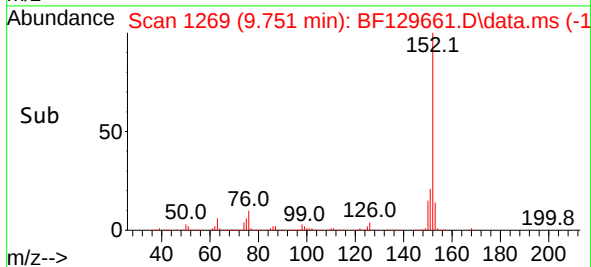
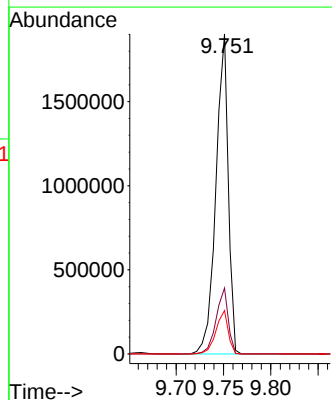
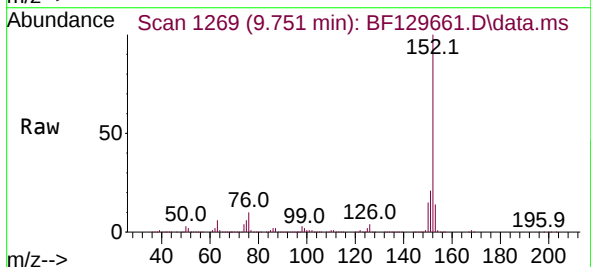
Instrument :
BNA_F
ClientSampleId :
PB146618BS

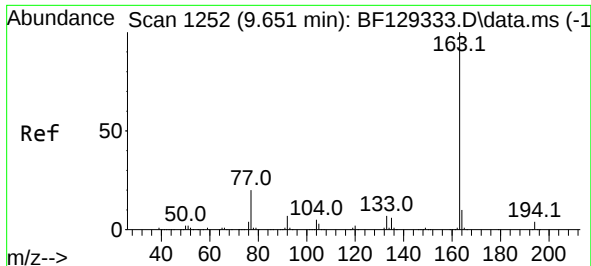
Tgt Ion: 65 Resp: 377590
Ion Ratio Lower Upper
65 100
92 71.0 51.9 77.9
138 112.4 76.4 114.6



#49
Acenaphthylene
Concen: 37.887 ng
RT: 9.751 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion: 152 Resp: 1719411
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.6 10.7 16.1

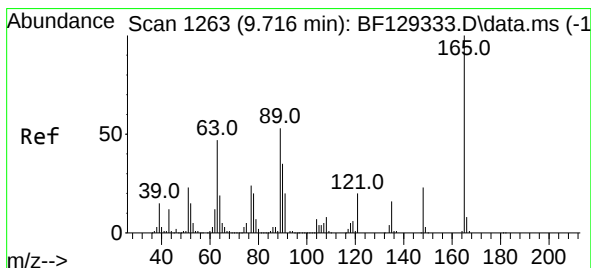
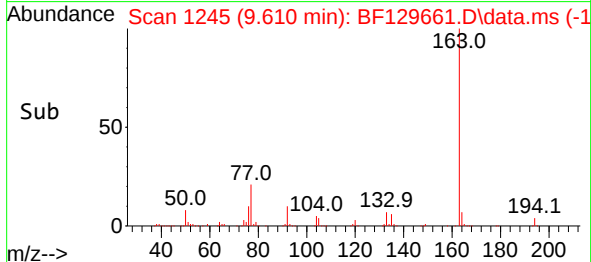
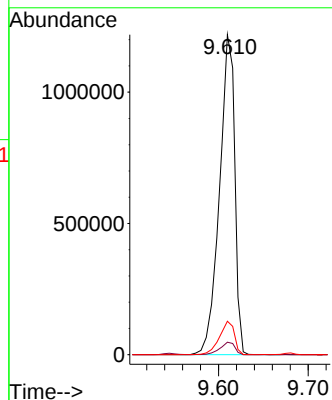
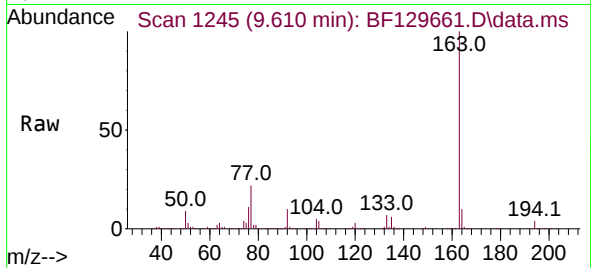




#50
Dimethylphthalate
Concen: 41.208 ng
RT: 9.610 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

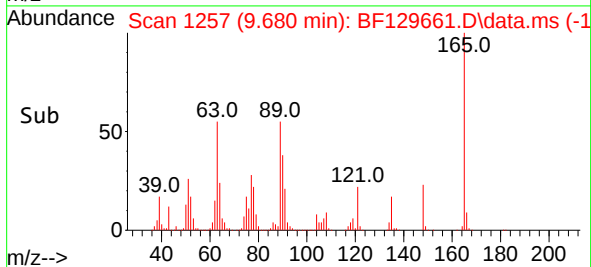
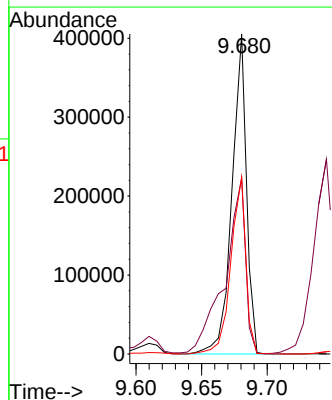
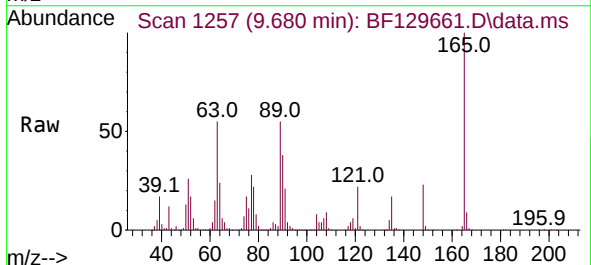
Instrument :
BNA_F
ClientSampleId :
PB146618BS

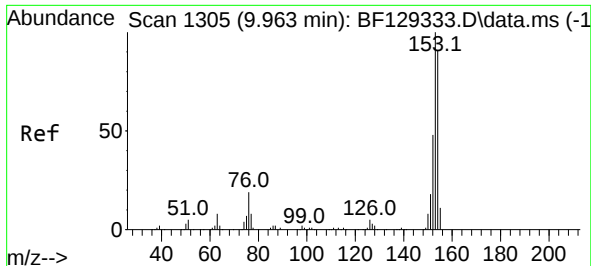
Tgt Ion:163 Resp: 1440108
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.4 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 39.961 ng
RT: 9.680 min Scan# 1257
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:165 Resp: 312569
Ion Ratio Lower Upper
165 100
63 54.8 44.9 67.3
89 55.3 43.6 65.4

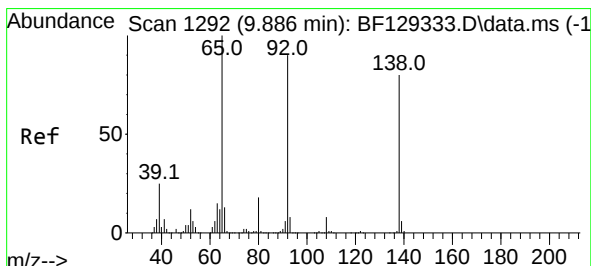
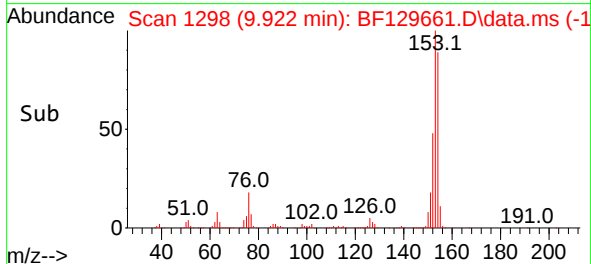
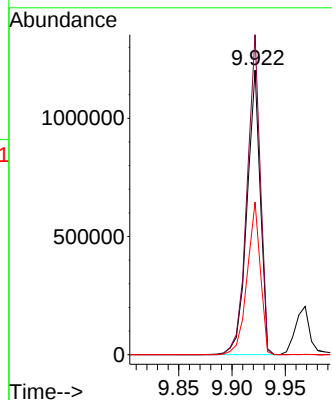
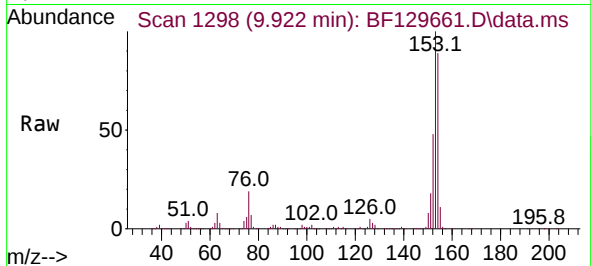




#52
Acenaphthene
Concen: 35.492 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

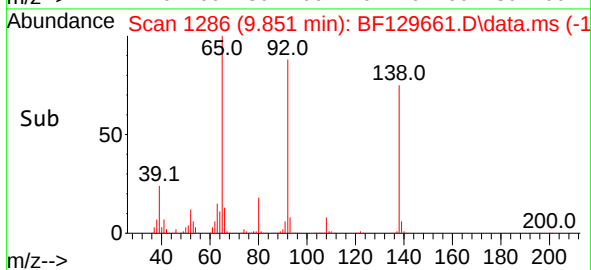
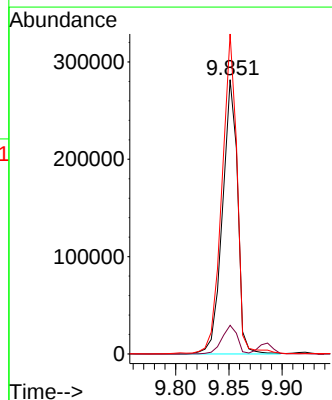
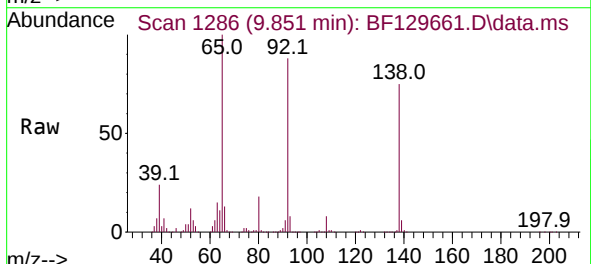
Instrument :
BNA_F
ClientSampleId :
PB146618BS

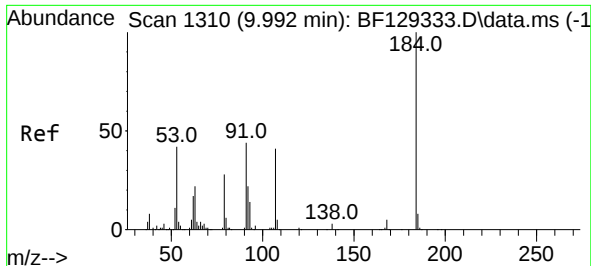
Tgt Ion:154 Resp: 1052012
Ion Ratio Lower Upper
154 100
153 112.4 89.6 134.4
152 53.6 42.4 63.6



#53
3-Nitroaniline
Concen: 30.006 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:138 Resp: 277149
Ion Ratio Lower Upper
138 100
108 10.5 10.9 16.3#
92 116.7 98.2 147.2

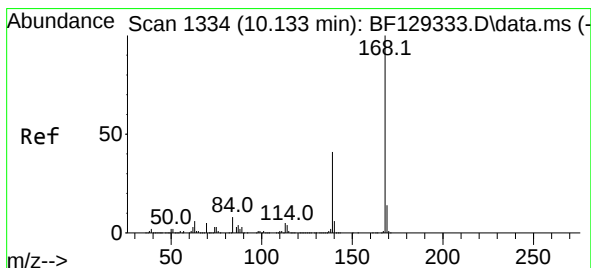
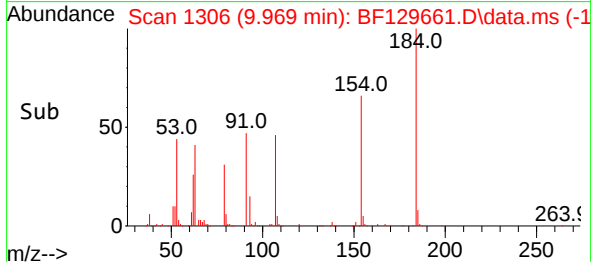
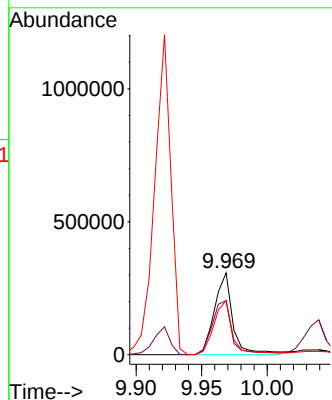
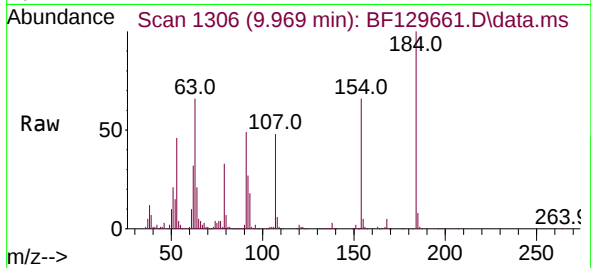




#54
2,4-Dinitrophenol
Concen: 75.144 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

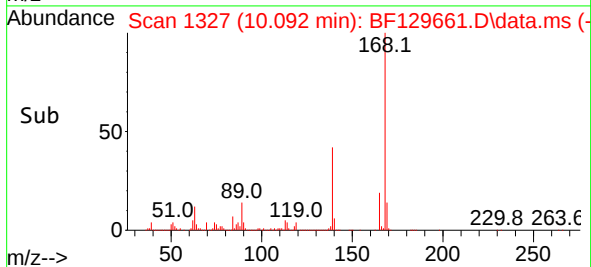
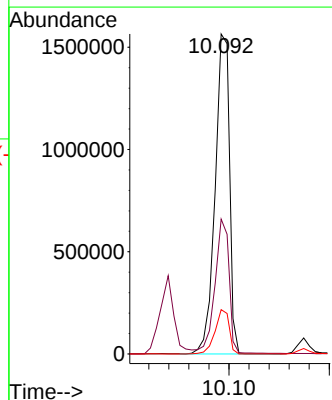
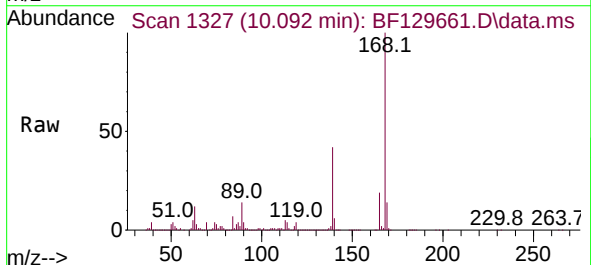
Instrument :
BNA_F
ClientSampleId :
PB146618BS

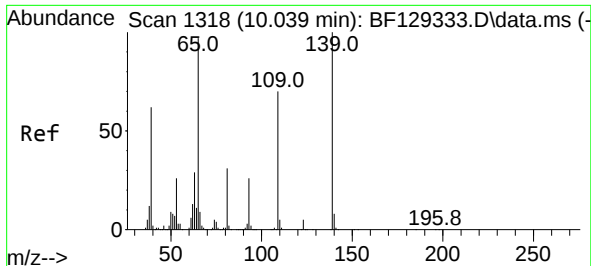
Tgt Ion:184 Resp: 300056
Ion Ratio Lower Upper
184 100
63 65.8 64.5 96.7
154 66.4 50.6 75.8



#55
Dibenzofuran
Concen: 38.176 ng
RT: 10.092 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:168 Resp: 1559901
Ion Ratio Lower Upper
168 100
139 42.1 30.6 46.0
169 13.8 11.0 16.6

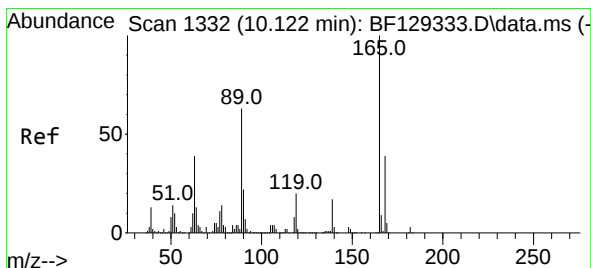
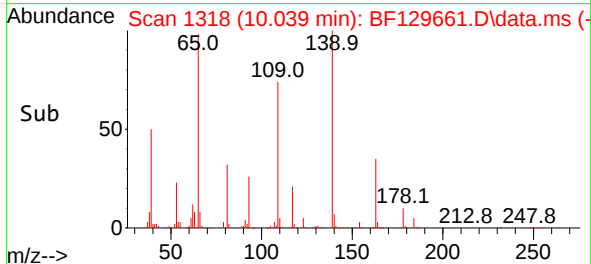
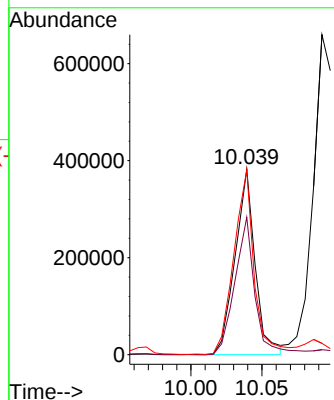
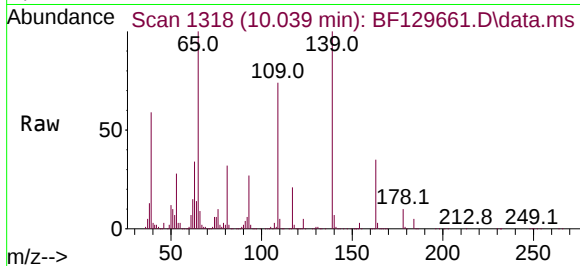




#56
4-Nitrophenol
Concen: 55.038 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

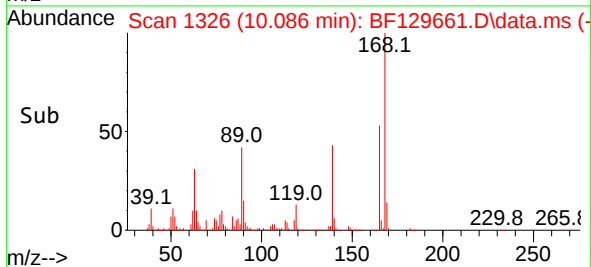
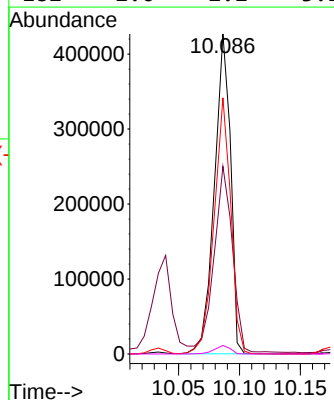
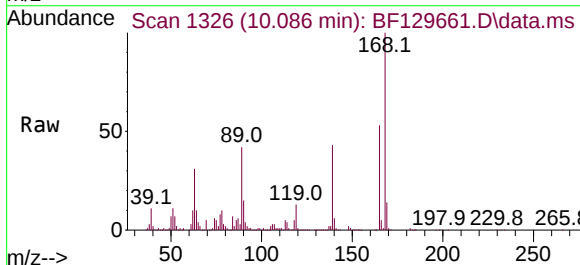
Instrument :
BNA_F
ClientSampleId :
PB146618BS

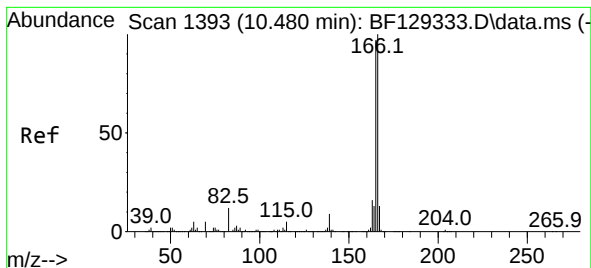
Tgt Ion:139 Resp: 375039
Ion Ratio Lower Upper
139 100
109 74.1 50.7 90.7
65 99.5 74.5 114.5



#57
2,4-Dinitrotoluene
Concen: 38.606 ng
RT: 10.086 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:165 Resp: 394482
Ion Ratio Lower Upper
165 100
63 58.7 39.8 59.6
89 80.1 60.2 90.2
182 2.6 2.2 3.2





#58

Fluorene

Concen: 39.416 ng

RT: 10.439 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

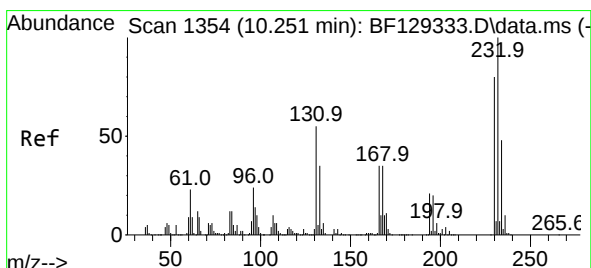
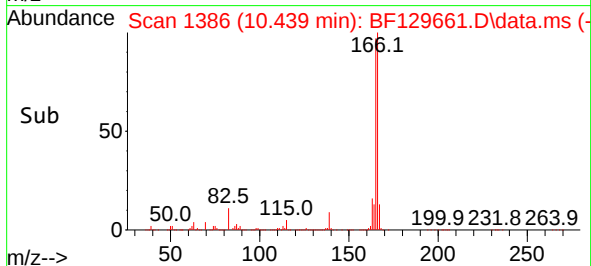
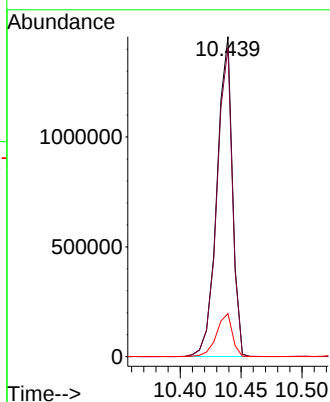
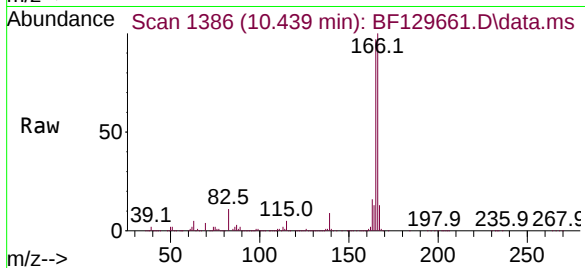
Tgt Ion:166 Resp: 1288638

Ion Ratio Lower Upper

166 100

165 96.7 78.1 117.1

167 13.5 10.5 15.7



#59

2,3,4,6-Tetrachlorophenol

Concen: 35.441 ng

RT: 10.216 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

Tgt Ion:232 Resp: 287555

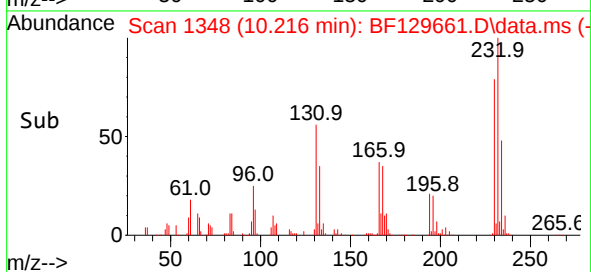
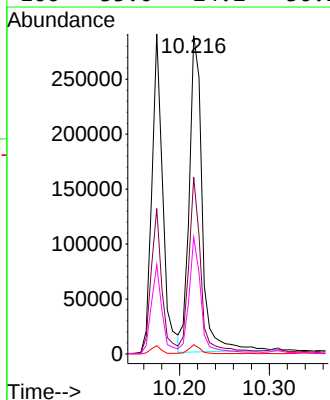
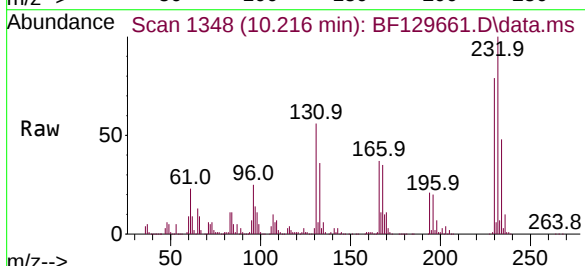
Ion Ratio Lower Upper

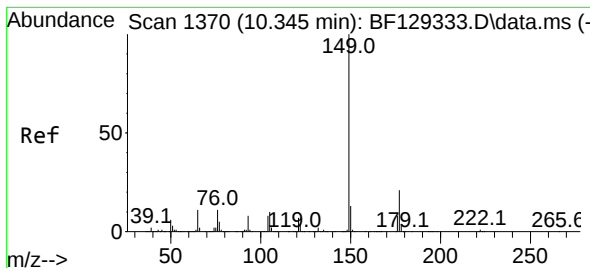
232 100

131 51.8 36.1 54.1

130 2.4 1.8 2.8

166 33.0 24.2 36.2





#60

Diethylphthalate

Concen: 40.911 ng

RT: 10.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

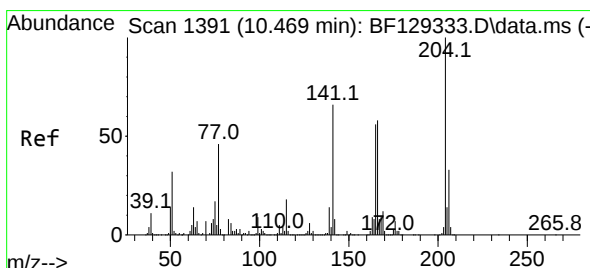
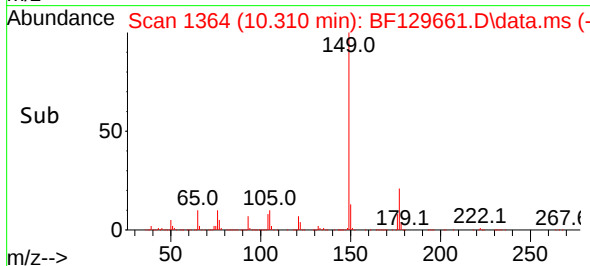
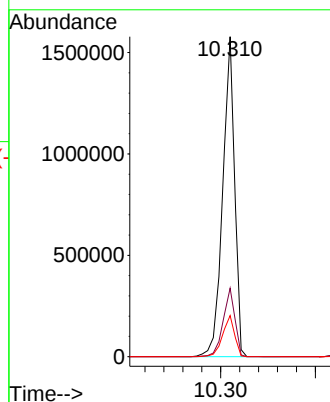
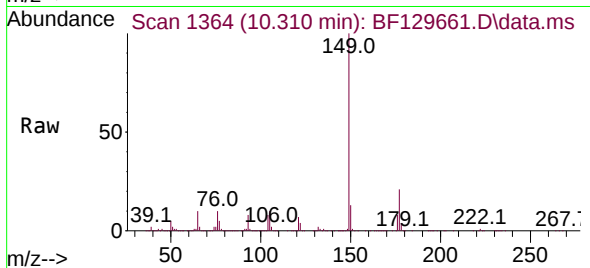
Tgt Ion:149 Resp: 1382114

Ion Ratio Lower Upper

149 100

177 21.4 17.3 25.9

150 12.8 10.2 15.2



#61

4-Chlorophenyl-phenylether

Concen: 42.026 ng

RT: 10.427 min Scan# 1384

Delta R.T. -0.006 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

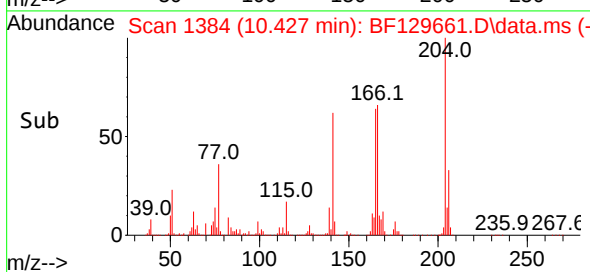
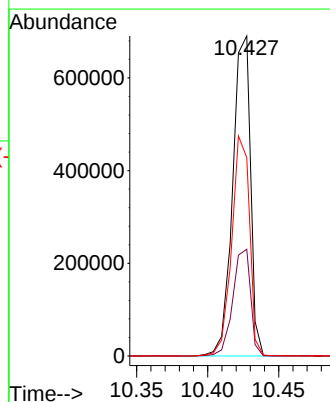
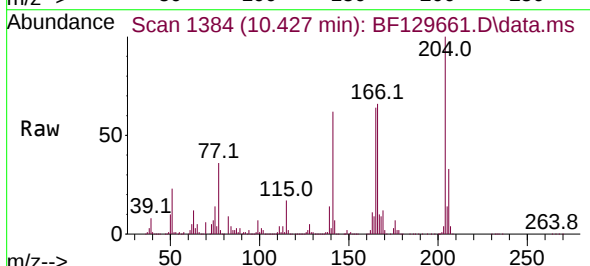
Tgt Ion:204 Resp: 605732

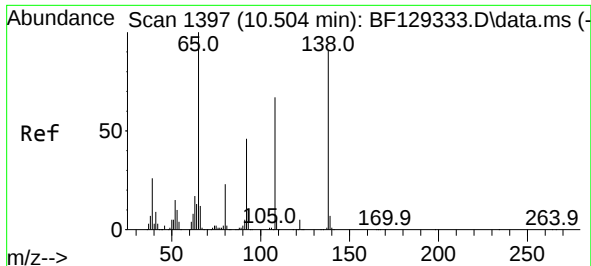
Ion Ratio Lower Upper

204 100

206 33.4 25.8 38.6

141 62.0 47.0 70.4

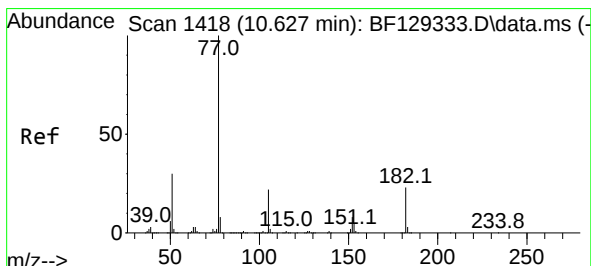
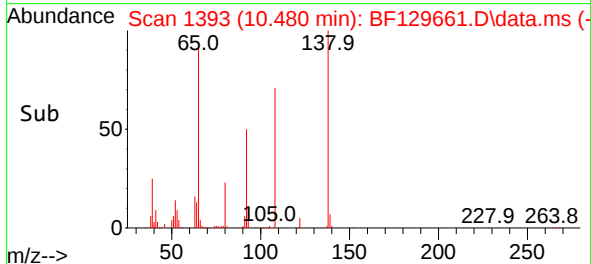
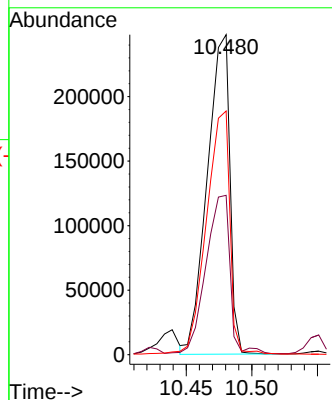
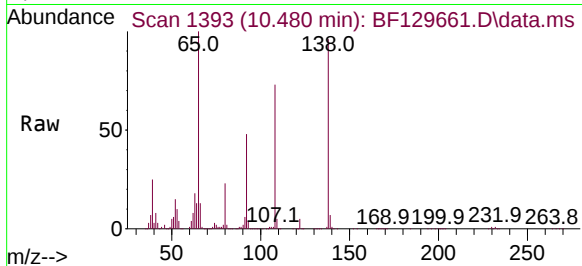




#62
4-Nitroaniline
Concen: 32.424 ng
RT: 10.480 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

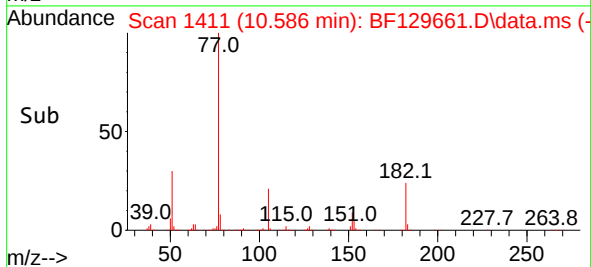
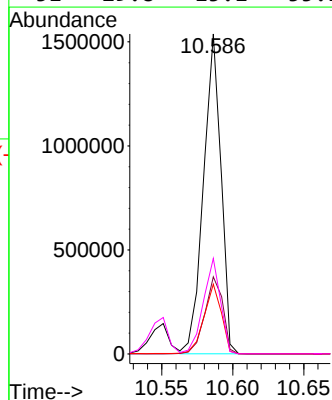
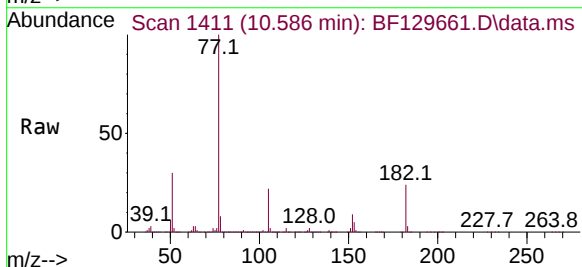
Instrument :
BNA_F
ClientSampleId :
PB146618BS

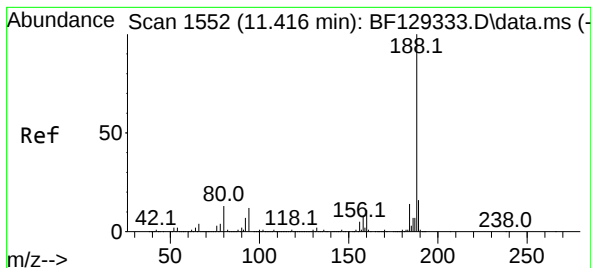
Tgt Ion:138 Resp: 297085
Ion Ratio Lower Upper
138 100
92 49.8 33.5 73.5
108 76.1 61.0 101.0



#63
Azobenzene
Concen: 38.257 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion: 77 Resp: 1318248
Ion Ratio Lower Upper
77 100
182 24.1 5.6 45.6
105 21.8 1.6 41.6
51 29.8 15.1 55.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

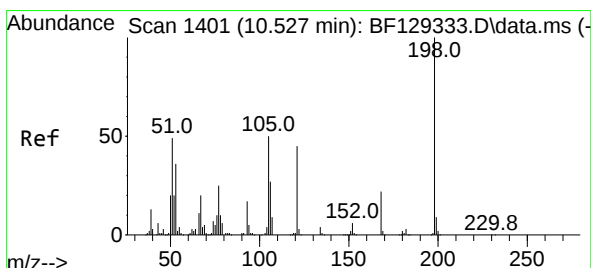
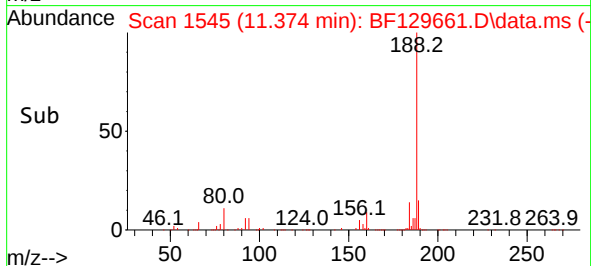
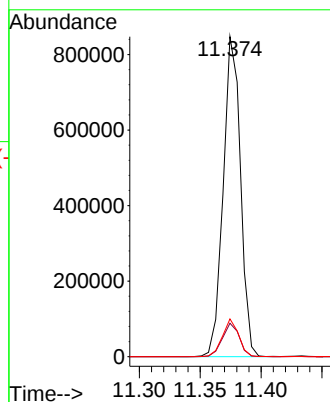
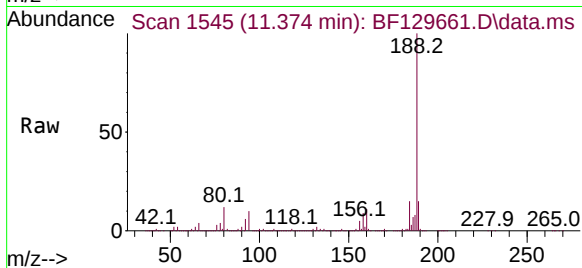
Tgt Ion:188 Resp: 837165

Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.6

80 11.8 7.6 11.4#



#65

4,6-Dinitro-2-methylphenol

Concen: 38.634 ng

RT: 10.504 min Scan# 1397

Delta R.T. -0.000 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

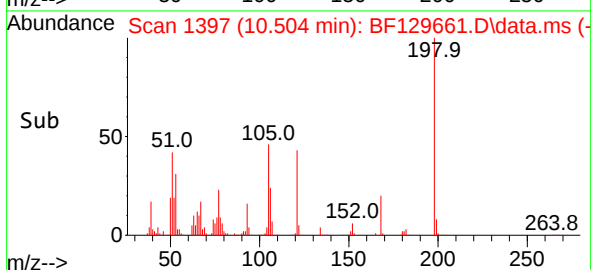
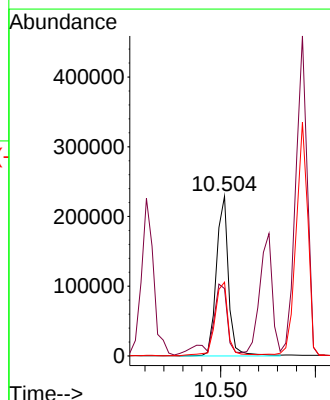
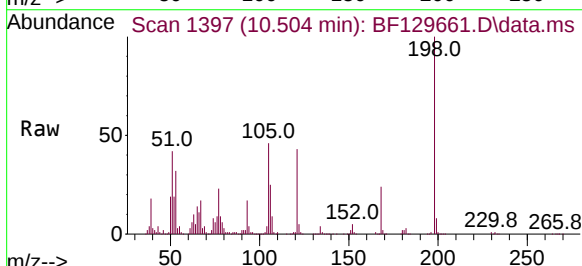
Tgt Ion:198 Resp: 204143

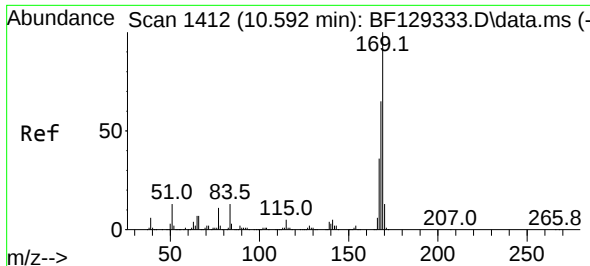
Ion Ratio Lower Upper

198 100

51 42.1 37.6 77.6

105 46.1 27.0 67.0

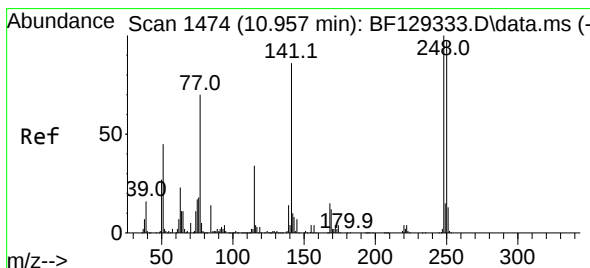
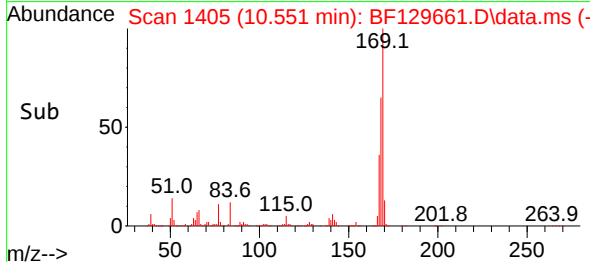
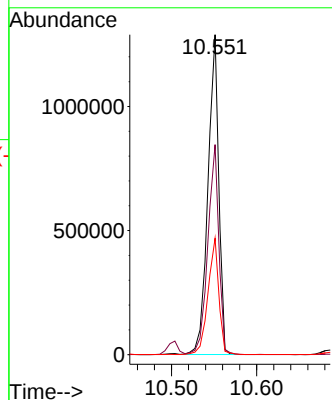
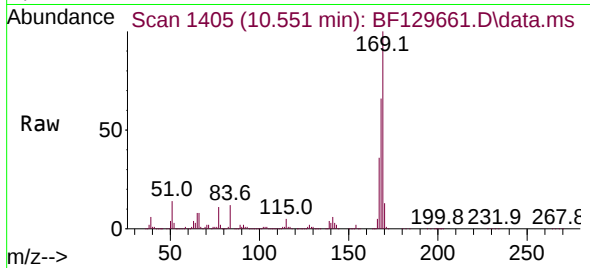




#66
n-Nitrosodiphenylamine
Concen: 40.841 ng
RT: 10.551 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

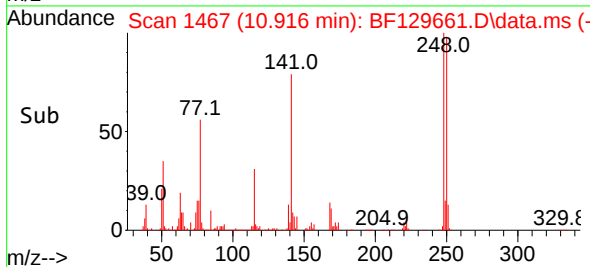
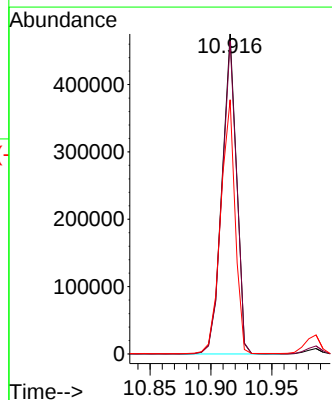
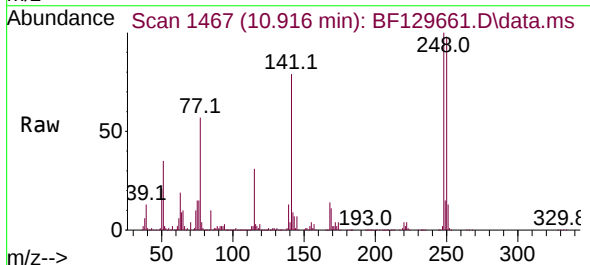
Instrument :
BNA_F
ClientSampleId :
PB146618BS

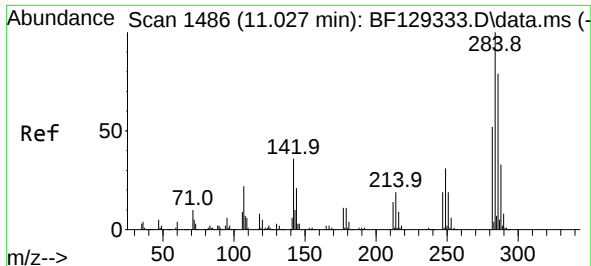
Tgt Ion:169 Resp: 1138632
Ion Ratio Lower Upper
169 100
168 65.7 50.1 75.1
167 36.4 27.9 41.9



#67
4-Bromophenyl-phenylether
Concen: 43.149 ng
RT: 10.916 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:248 Resp: 395560
Ion Ratio Lower Upper
248 100
250 97.7 80.6 120.8
141 79.4 58.9 88.3

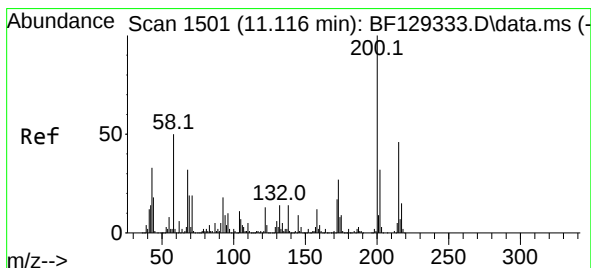
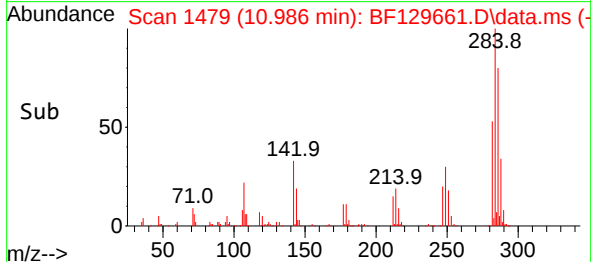
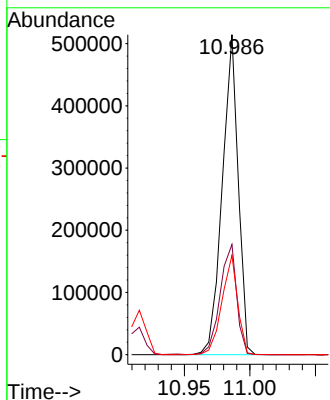
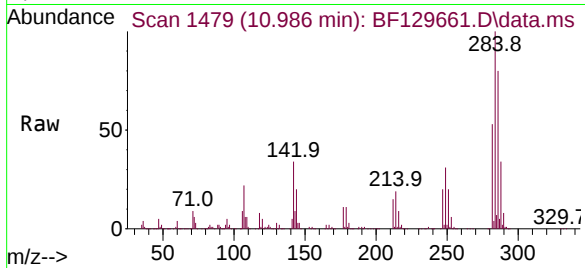




#68
Hexachlorobenzene
Concen: 43.606 ng
RT: 10.986 min Scan# 1486
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

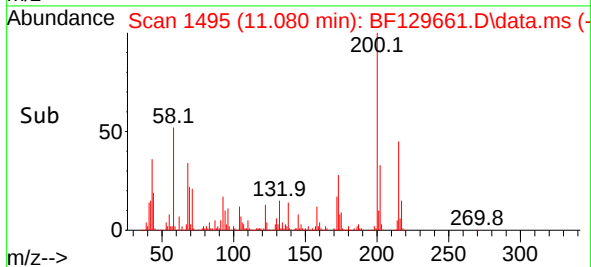
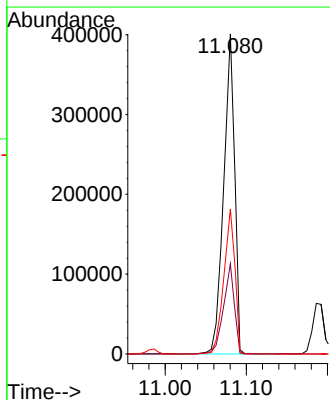
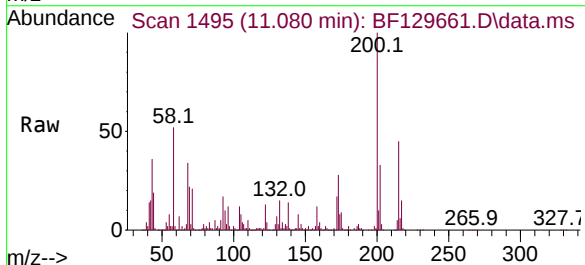
Instrument :
BNA_F
ClientSampleId :
PB146618BS

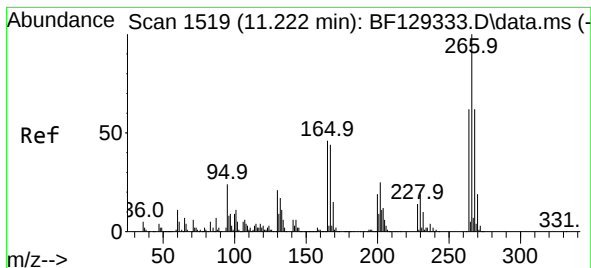
Tgt Ion:284 Resp: 433139
Ion Ratio Lower Upper
284 100
142 34.5 29.0 43.4
249 31.1 25.0 37.6



#69
Atrazine
Concen: 44.893 ng
RT: 11.080 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:200 Resp: 380166
Ion Ratio Lower Upper
200 100
173 28.2 6.3 46.3
215 45.3 28.3 68.3





#70

Pentachlorophenol

Concen: 69.140 ng

RT: 11.192 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

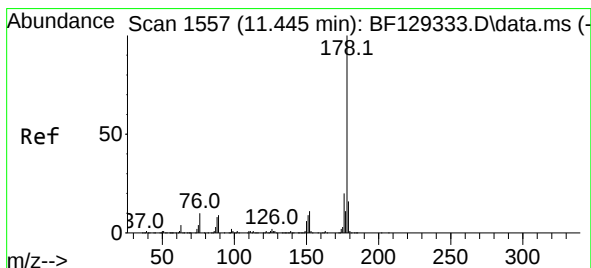
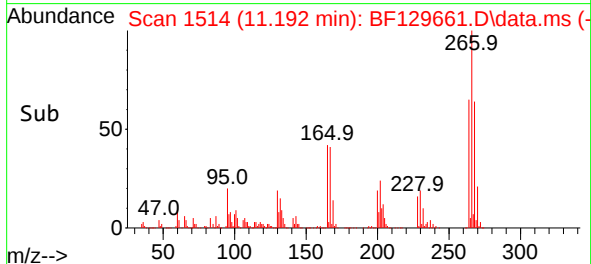
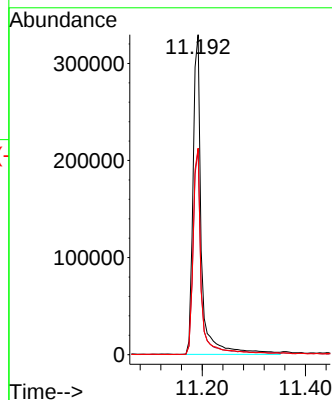
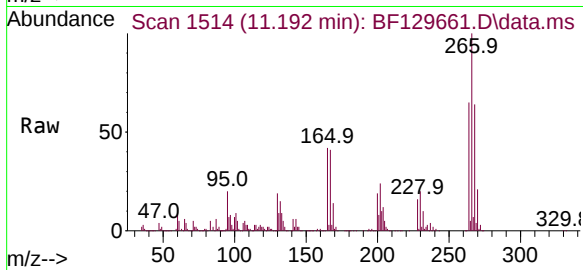
Tgt Ion:266 Resp: 373346

Ion Ratio Lower Upper

266 100

268 64.2 51.0 76.4

264 64.6 49.4 74.2



#71

Phenanthrene

Concen: 39.121 ng

RT: 11.404 min Scan# 1550

Delta R.T. -0.006 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

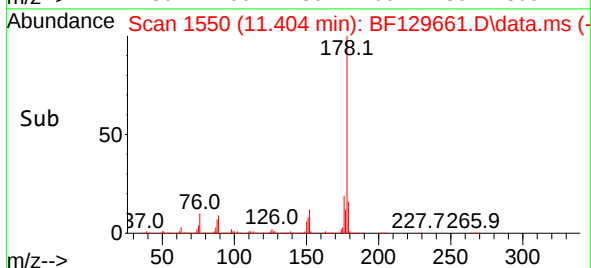
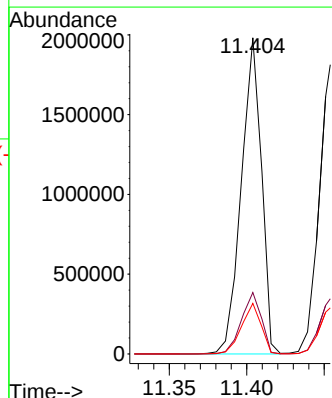
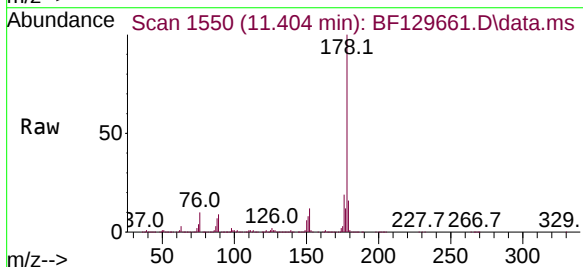
Tgt Ion:178 Resp: 1787776

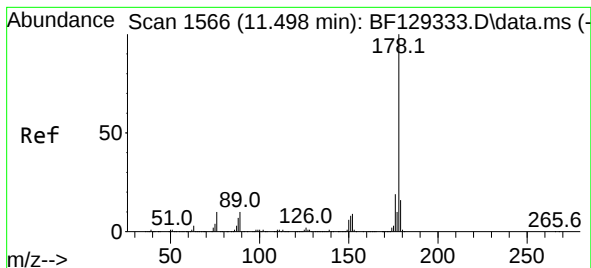
Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

179 16.0 12.6 19.0





#72

Anthracene

Concen: 39.905 ng

RT: 11.457 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

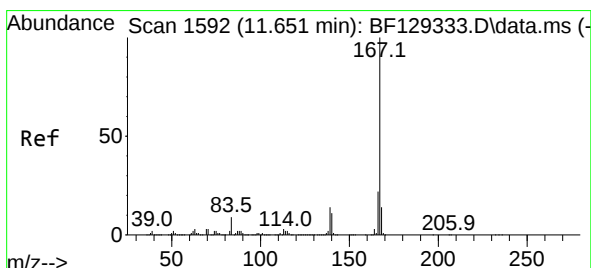
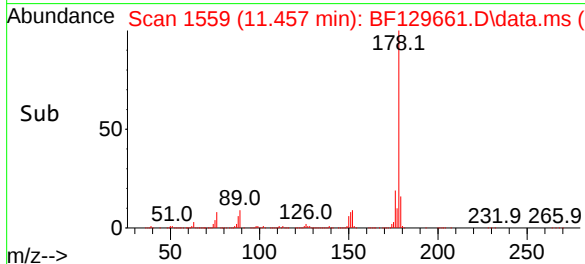
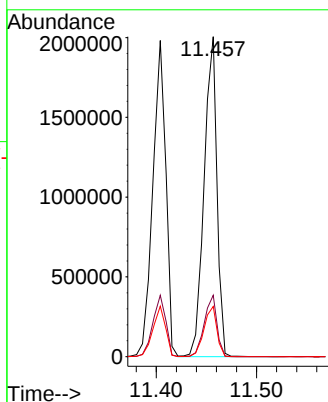
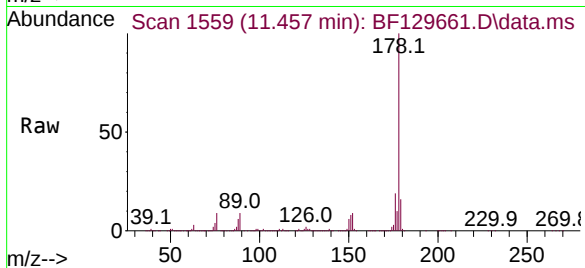
Tgt Ion:178 Resp: 1792084

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.7 12.6 19.0



#73

Carbazole

Concen: 38.860 ng

RT: 11.616 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

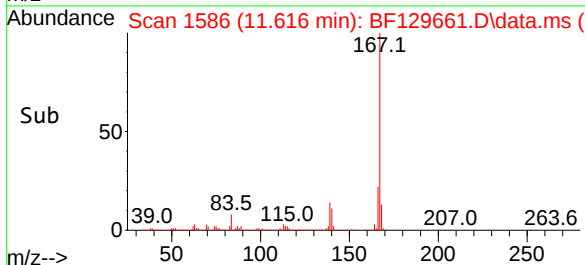
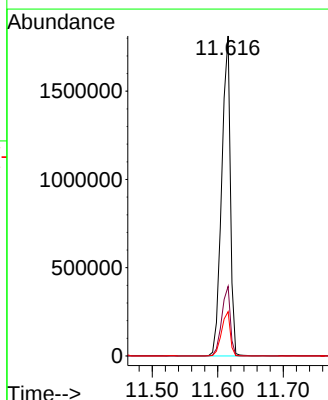
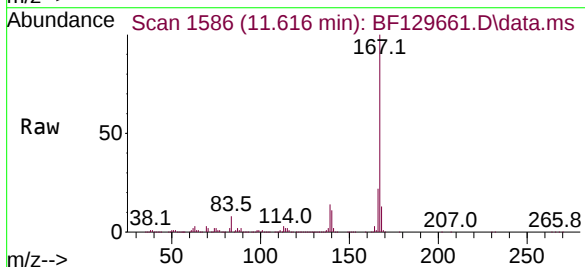
Tgt Ion:167 Resp: 1642785

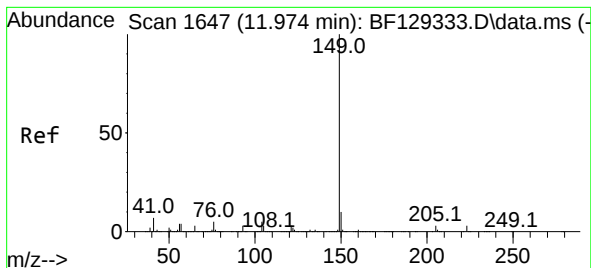
Ion Ratio Lower Upper

167 100

166 21.8 17.7 26.5

139 13.8 11.2 16.8

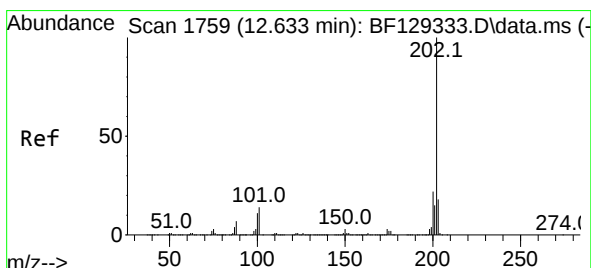
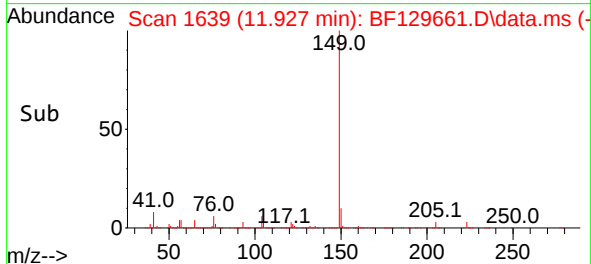
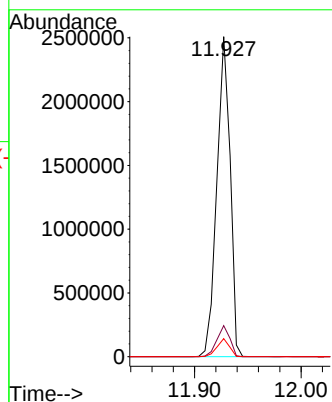
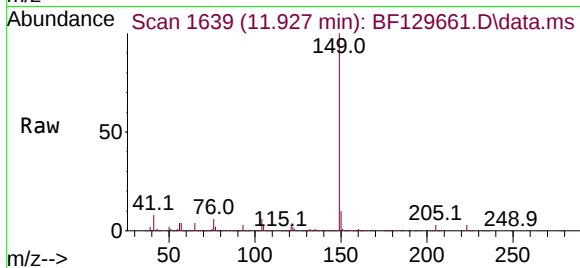




#74
Di-n-butylphthalate
Concen: 42.940 ng
RT: 11.927 min Scan# 1639
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

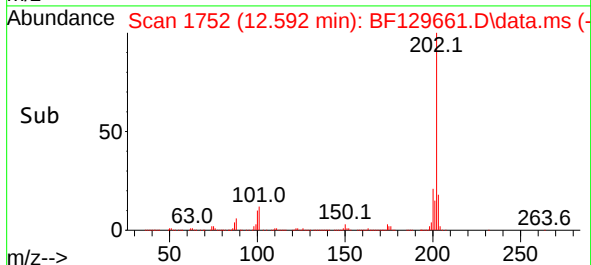
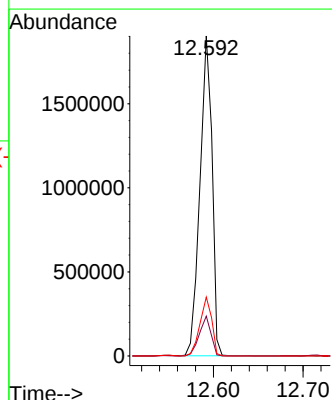
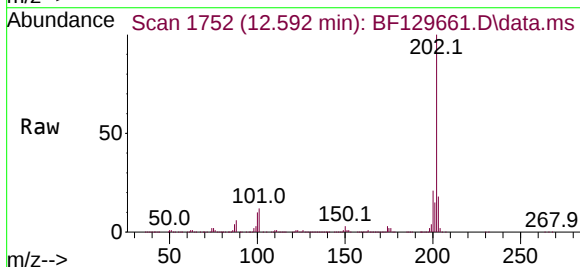
Instrument :
BNA_F
ClientSampleId :
PB146618BS

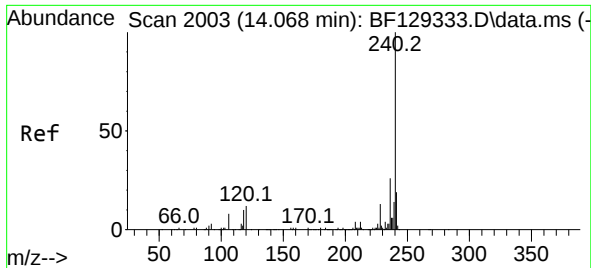
Tgt Ion:149 Resp: 2161778
Ion Ratio Lower Upper
149 100
150 9.7 7.5 11.3
104 5.7 4.4 6.6



#75
Fluoranthene
Concen: 38.508 ng
RT: 12.592 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:202 Resp: 1783050
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.4
203 18.4 0.0 38.0

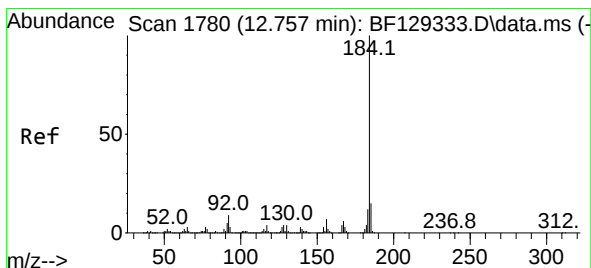
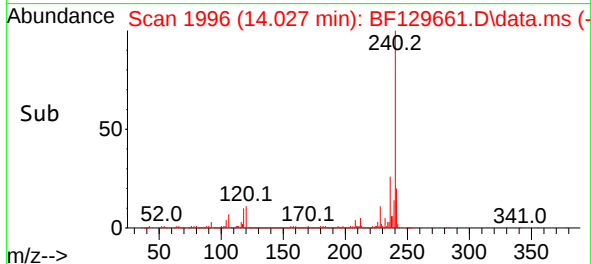
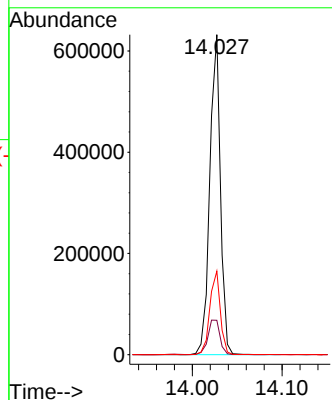
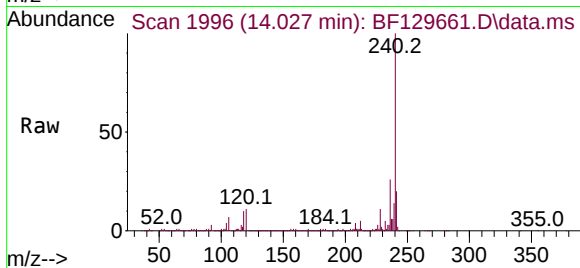




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

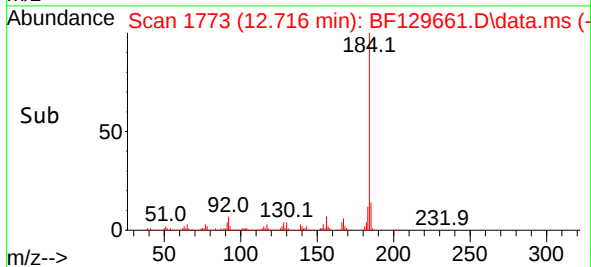
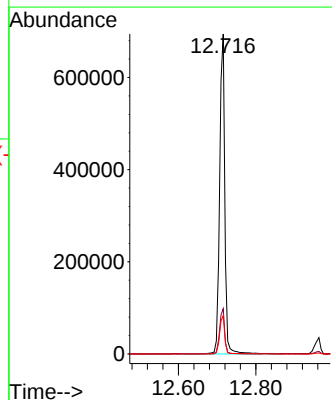
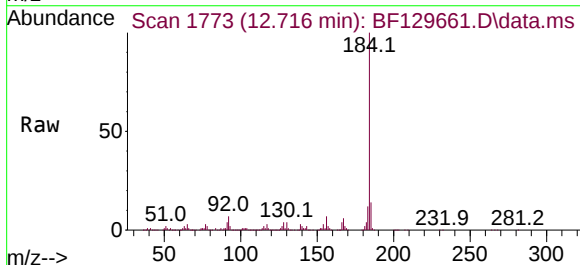
Instrument :
BNA_F
ClientSampleId :
PB146618BS

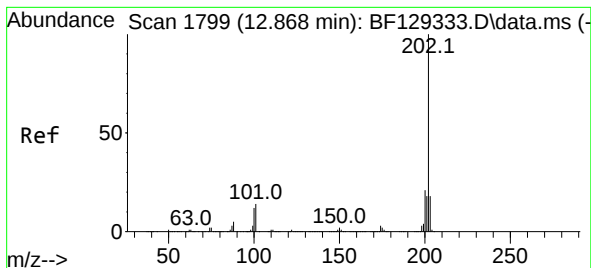
Tgt Ion:240 Resp: 519255
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 26.1 20.8 31.2



#77
Benzidine
Concen: 35.017 ng
RT: 12.716 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:184 Resp: 642359
Ion Ratio Lower Upper
184 100
185 14.2 11.9 17.9
183 11.9 9.3 13.9





#78

Pyrene

Concen: 40.831 ng

RT: 12.827 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

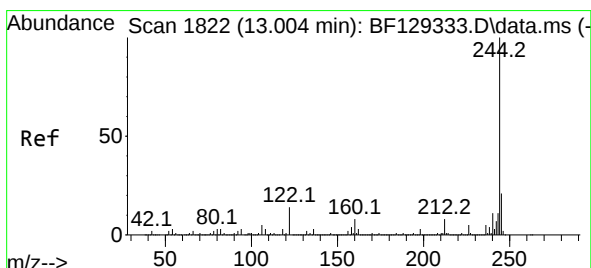
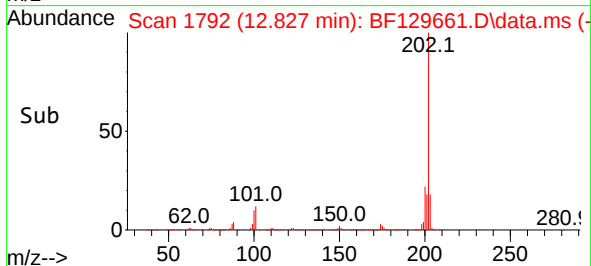
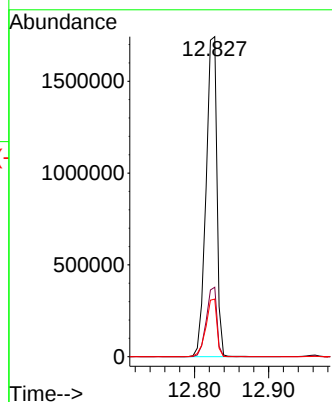
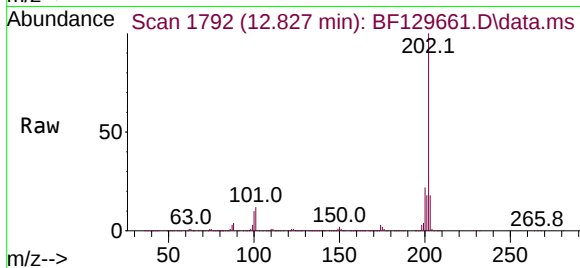
Tgt Ion:202 Resp: 1772936

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

203 18.0 14.6 21.8



#79

Terphenyl-d14

Concen: 88.763 ng

RT: 12.963 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

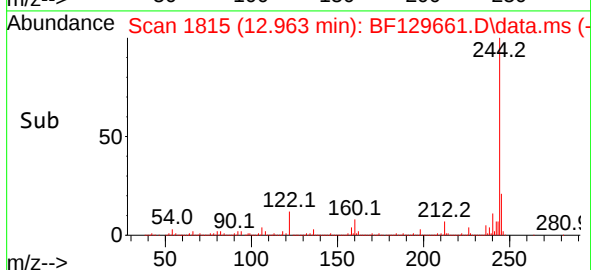
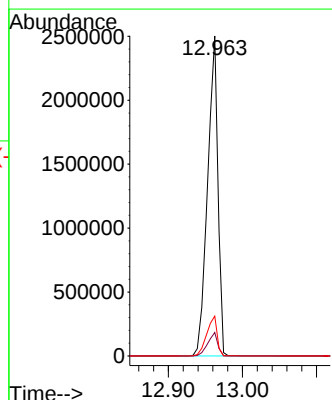
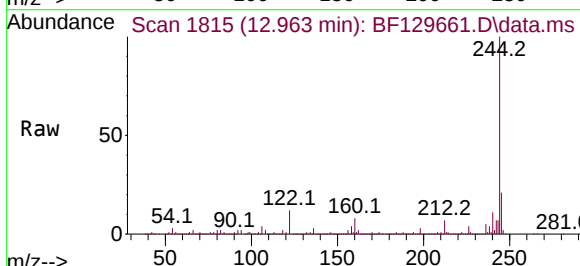
Tgt Ion:244 Resp: 2443075

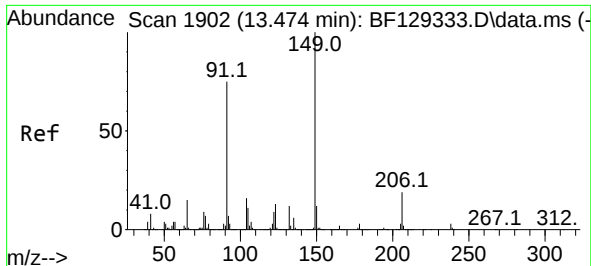
Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 12.5 8.8 13.2

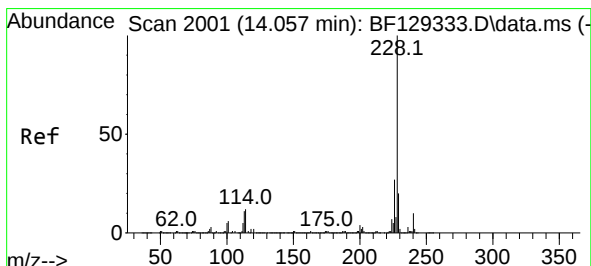
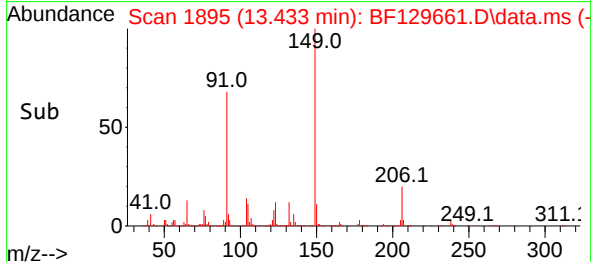
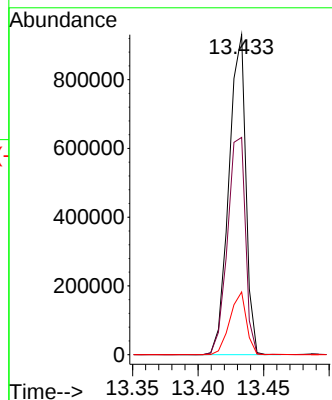
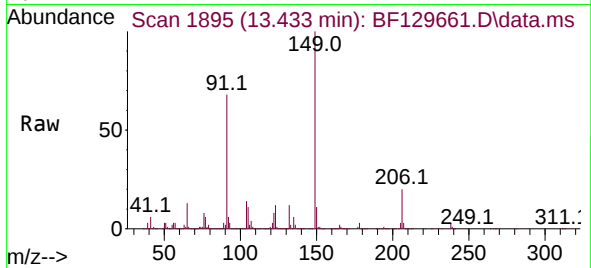




#80
Butylbenzylphthalate
Concen: 44.380 ng
RT: 13.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

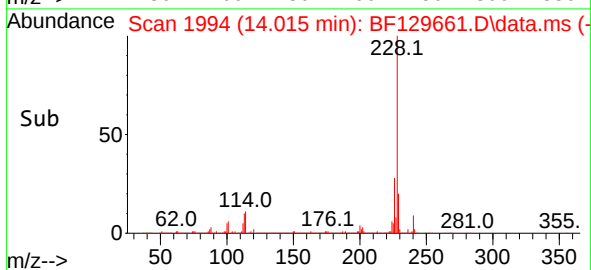
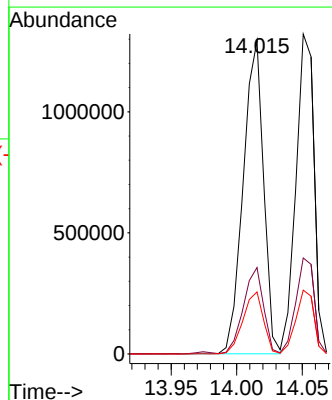
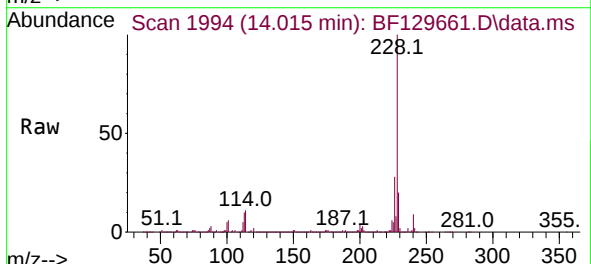
Instrument :
BNA_F
ClientSampleId :
PB146618BS

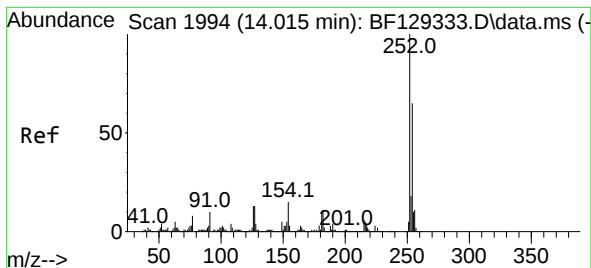
Tgt Ion:149 Resp: 835856
Ion Ratio Lower Upper
149 100
91 67.9 61.2 91.8
206 19.6 15.7 23.5



#81
Benzo(a)anthracene
Concen: 39.455 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:228 Resp: 1399459
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.8 15.8 23.8





#82

3,3'-Dichlorobenzidine

Concen: 36.667 ng

RT: 13.974 min Scan# 1994

Delta R.T. -0.006 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

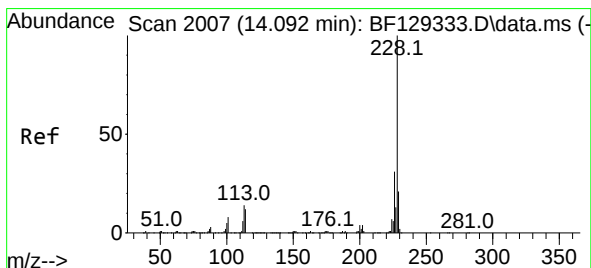
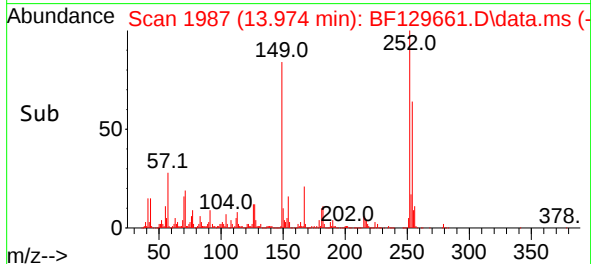
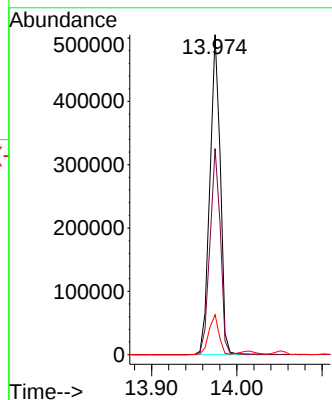
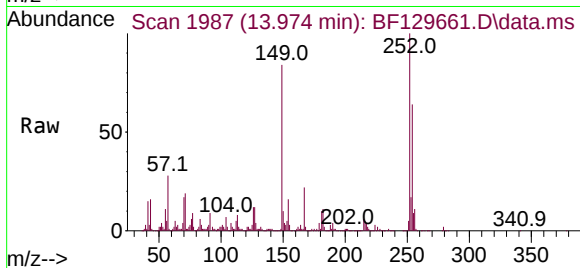
Tgt Ion:252 Resp: 429414

Ion Ratio Lower Upper

252 100

254 64.4 50.2 75.4

126 12.5 8.2 12.4#



#83

Chrysene

Concen: 37.852 ng

RT: 14.051 min Scan# 2000

Delta R.T. -0.006 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

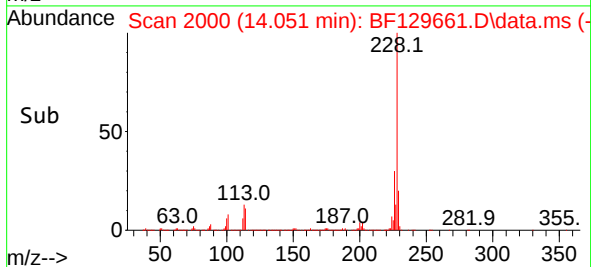
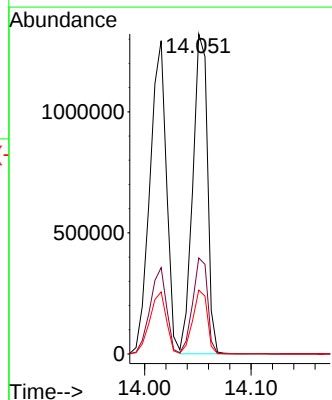
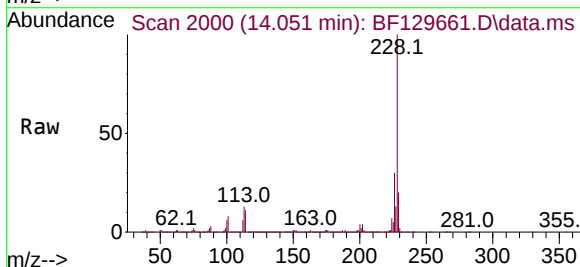
Tgt Ion:228 Resp: 1265366

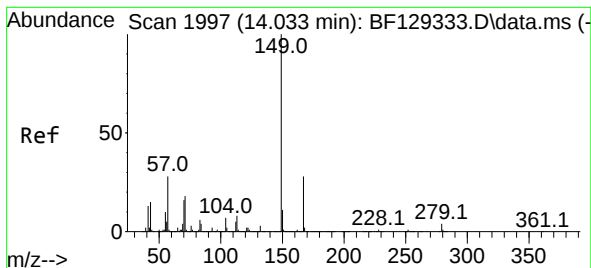
Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

229 19.9 15.9 23.9

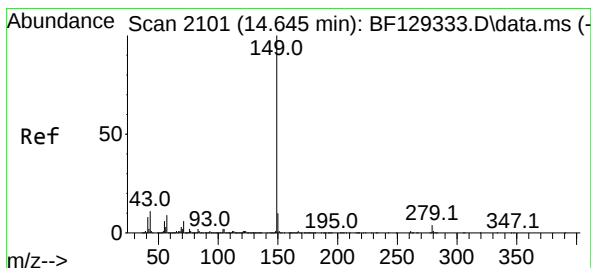
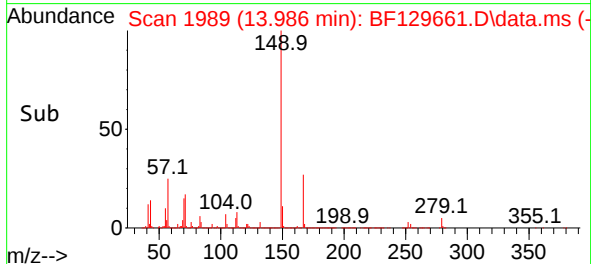
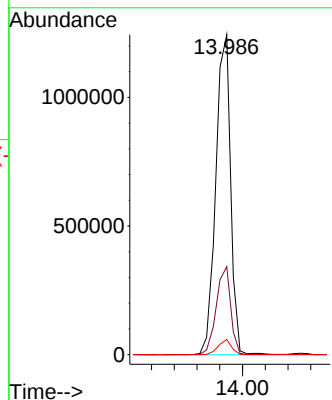
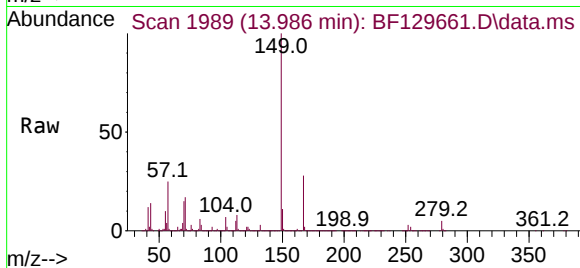




#84
Bis(2-ethylhexyl)phthalate
Concen: 45.452 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

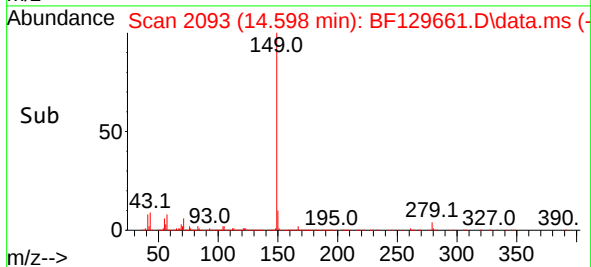
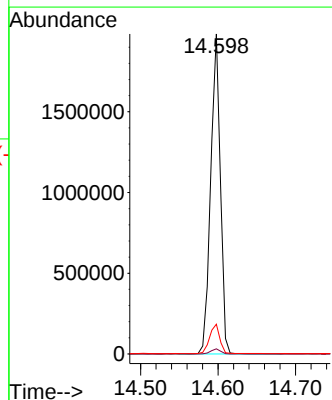
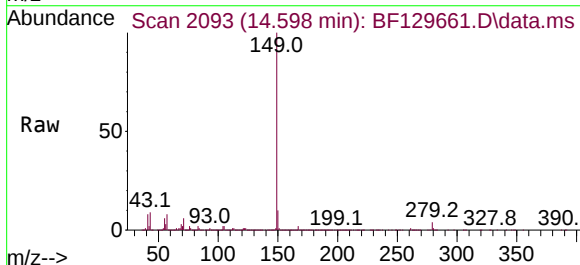
Instrument :
BNA_F
ClientSampleId :
PB146618BS

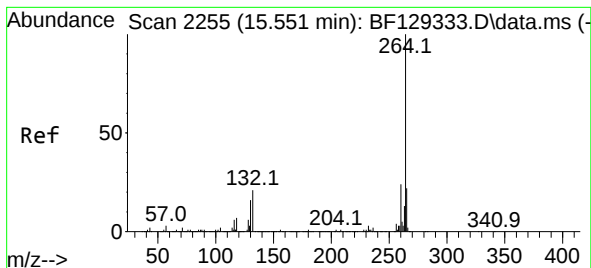
Tgt Ion:149 Resp: 1126997
Ion Ratio Lower Upper
149 100
167 27.5 21.0 31.4
279 4.8 3.1 4.7#



#85
Di-n-octyl phthalate
Concen: 47.956 ng
RT: 14.598 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:149 Resp: 1711147
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.6 9.2 13.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

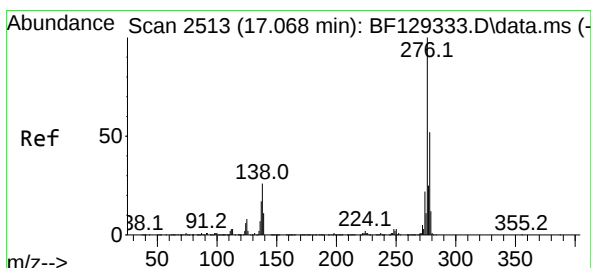
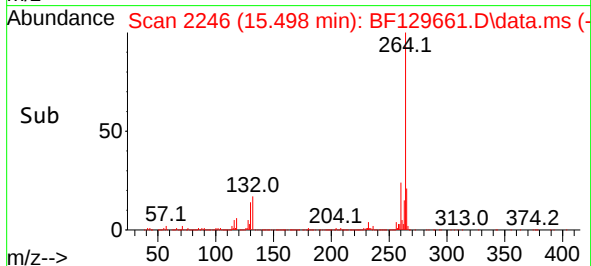
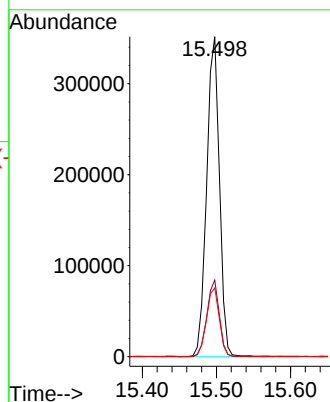
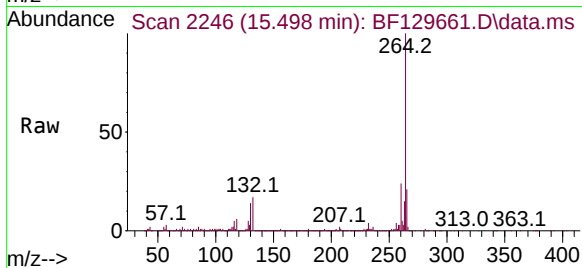
Tgt Ion:264 Resp: 422114

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 21.5 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 42.891 ng

RT: 16.992 min Scan# 2500

Delta R.T. -0.006 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

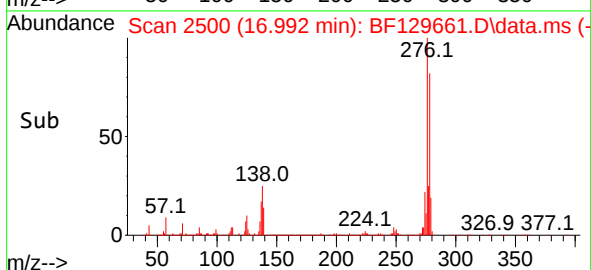
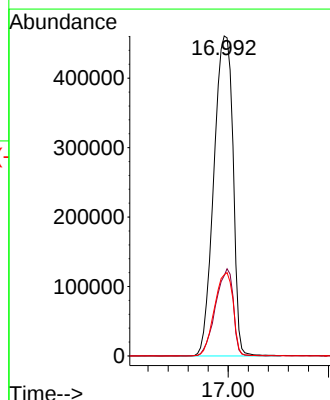
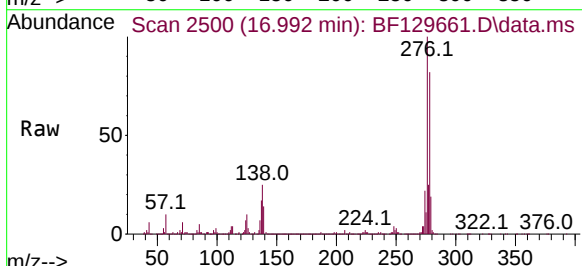
Tgt Ion:276 Resp: 1219199

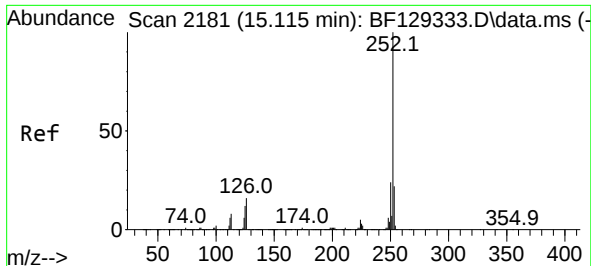
Ion Ratio Lower Upper

276 100

138 25.4 21.1 31.7

277 25.5 20.3 30.5

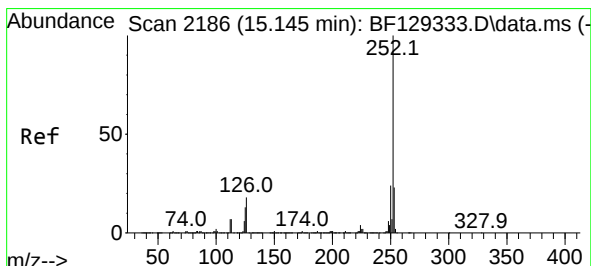
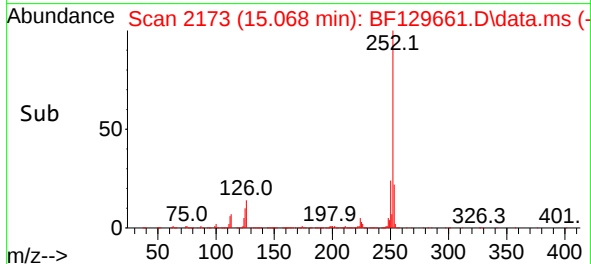
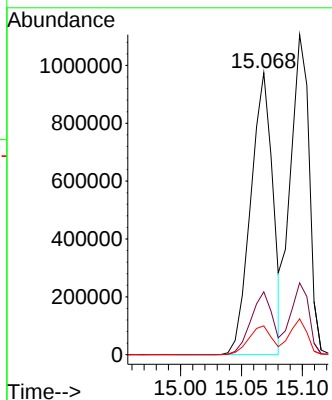
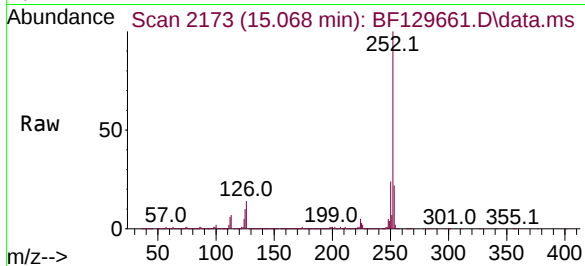




#88
Benzo(b)fluoranthene
Concen: 43.905 ng
RT: 15.068 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

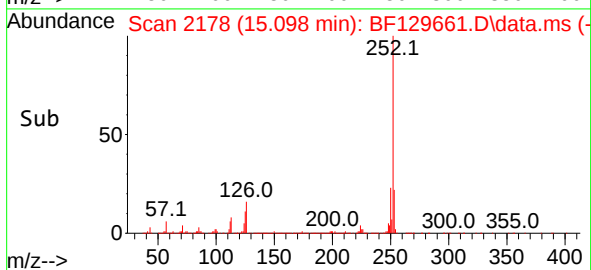
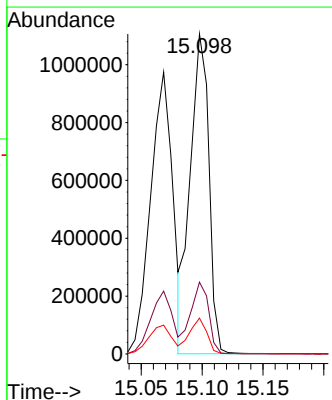
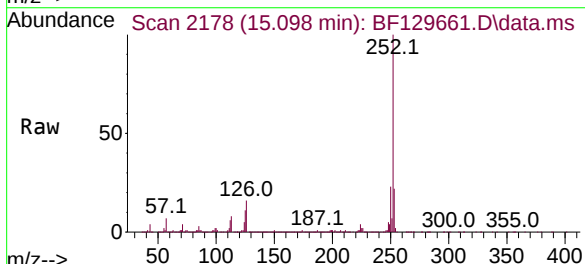
Instrument :
BNA_F
ClientSampleId :
PB146618BS

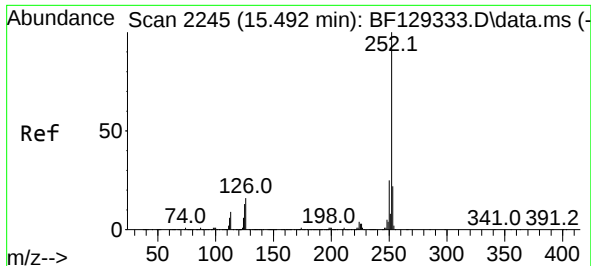
Tgt Ion:252 Resp: 1229356
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.2 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 42.983 ng
RT: 15.098 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:252 Resp: 1179432
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 11.2 8.3 12.5

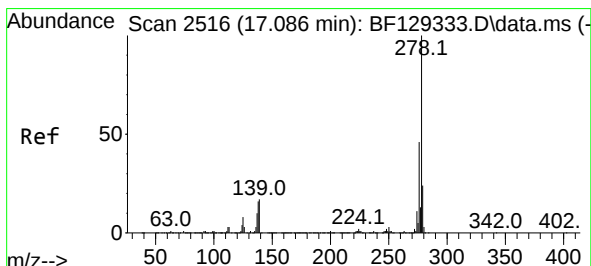
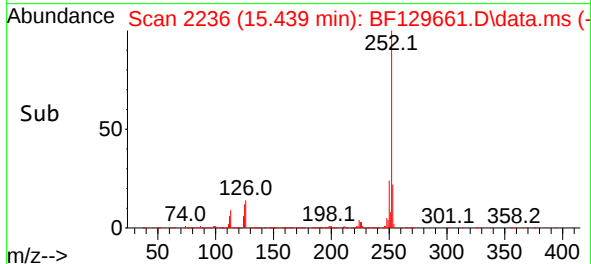
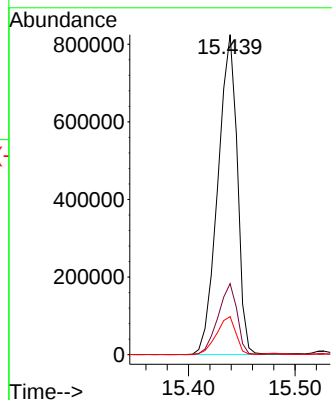
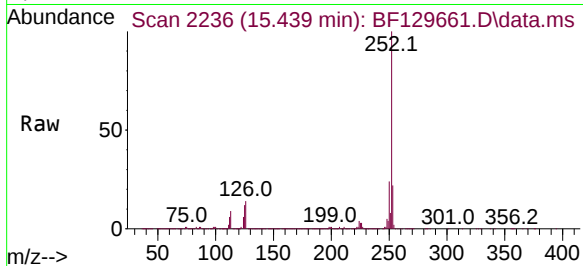




#90
Benzo(a)pyrene
Concen: 45.871 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

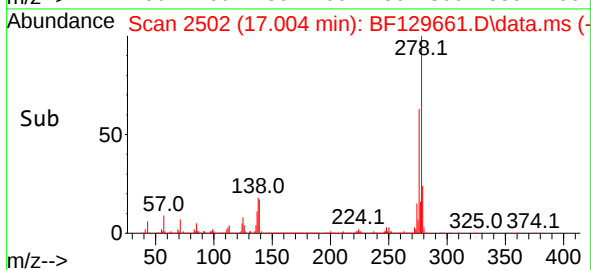
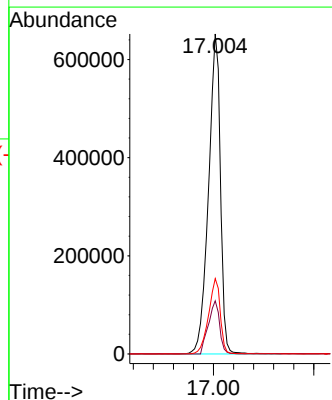
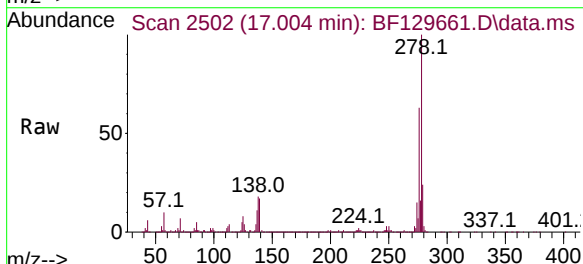
Instrument :
BNA_F
ClientSampleId :
PB146618BS

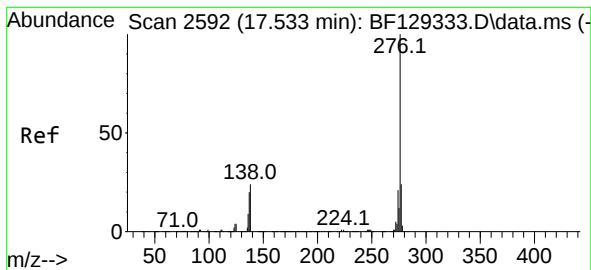
Tgt Ion:252 Resp: 1042628
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 11.9 8.8 13.2



#91
Dibenzo(a,h)anthracene
Concen: 46.471 ng
RT: 17.004 min Scan# 2502
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

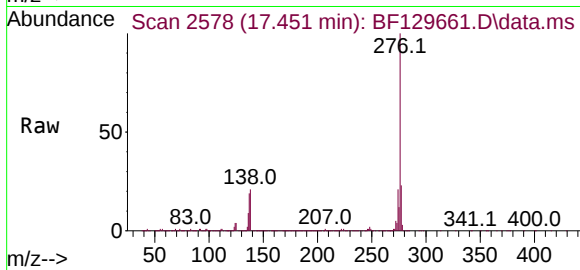
Tgt Ion:278 Resp: 1075140
Ion Ratio Lower Upper
278 100
139 16.6 12.8 19.2
279 23.5 18.6 28.0





#92
 Benzo(g,h,i)perylene
 Concen: 45.210 ng
 RT: 17.451 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF129661.D
 Acq: 09 Aug 2022 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB146618BS



Tgt Ion:276 Resp: 1068815

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	21.5	18.0	27.0

