

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129712.D
 Acq On : 11 Aug 2022 12:49
 Operator : CG\JU
 Sample : PB146816BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146816BS

Quant Time: Aug 11 23:54:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	173683	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	714626	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	380295	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	634290	20.000	ng	# 0.00
76) Chrysene-d12	14.021	240	398354	20.000	ng	0.00
86) Perylene-d12	15.492	264	328895	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1194884	112.070	ng	0.02
7) Phenol-d6	6.498	99	1490397	111.212	ng	0.00
23) Nitrobenzene-d5	7.410	82	972853	74.314	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	434854	118.934	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1819881	74.028	ng	0.00
79) Terphenyl-d14	12.957	244	1925885	91.209	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	136147	28.302	ng	88
3) Pyridine	3.446	79	350501	26.237	ng	87
4) n-Nitrosodimethylamine	3.387	42	209013	35.630	ng	# 92
6) Aniline	6.504	93	536421	32.198	ng	# 39
8) 2-Chlorophenol	6.634	128	495440	42.533	ng	95
9) Benzaldehyde	6.392	77	237823	26.132	ng	99
10) Phenol	6.510	94	585278	41.011	ng	83
11) bis(2-Chloroethyl)ether	6.575	93	463438	40.947	ng	90
12) 1,3-Dichlorobenzene	6.775	146	495578	39.669	ng	99
13) 1,4-Dichlorobenzene	6.851	146	505951	39.822	ng	98
14) 1,2-Dichlorobenzene	7.004	146	484687	41.503	ng	98
15) Benzyl Alcohol	6.992	79	410001	42.183	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	615078	36.154	ng	# 20
17) 2-Methylphenol	7.110	107	396324	41.013	ng	# 88
18) Hexachloroethane	7.345	117	195147	40.791	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	342296	42.191	ng	91
20) 3+4-Methylphenols	7.263	107	502910	40.931	ng	# 82
22) Acetophenone	7.251	105	681947	40.988	ng	97
24) Nitrobenzene	7.428	77	506980	37.608	ng	95
25) Isophorone	7.663	82	936526	39.910	ng	99
26) 2-Nitrophenol	7.739	139	266324	40.046	ng	96
27) 2,4-Dimethylphenol	7.786	122	424580	42.561	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	581914	42.748	ng	99
29) 2,4-Dichlorophenol	7.992	162	412870	40.099	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	414239	38.868	ng	95
31) Naphthalene	8.145	128	1393225	38.373	ng	100
32) Benzoic acid	7.928	122	175824	24.380	ng	98
33) 4-Chloroaniline	8.198	127	449056	30.125	ng	97
34) Hexachlorobutadiene	8.251	225	250249	41.308	ng	100
35) Caprolactam	8.580	113	68823	20.560	ng	# 76
36) 4-Chloro-3-methylphenol	8.698	107	448207	41.043	ng	94
37) 2-Methylnaphthalene	8.833	142	931537	39.481	ng	99
38) 1-Methylnaphthalene	8.933	142	885942	38.896	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	413552	41.414	ng	98
41) Hexachlorocyclopentadiene	8.980	237	347789	78.215	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	265536	36.612	ng	97

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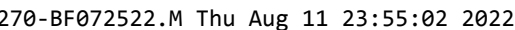
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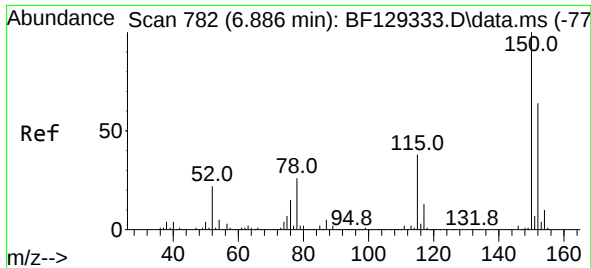
Quant Time: Aug 11 23:54:47 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	286348	36.305	ng	97
46) 1,1'-Biphenyl	9.298	154	1138133	41.008	ng	100
47) 2-Chloronaphthalene	9.328	162	882627	39.339	ng	98
48) 2-Nitroaniline	9.433	65	280962	37.660	ng	87
49) Acenaphthylene	9.745	152	1329317	38.992	ng	99
50) Dimethylphthalate	9.604	163	1063770	40.520	ng	99
51) 2,6-Dinitrotoluene	9.675	165	238741	40.630	ng	89
52) Acenaphthene	9.916	154	802701	36.049	ng	99
53) 3-Nitroaniline	9.845	138	190249	27.419	ng	# 93
54) 2,4-Dinitrophenol	9.963	184	197415	65.813	ng	# 85
55) Dibenzofuran	10.086	168	1204139	39.229	ng	96
56) 4-Nitrophenol	10.033	139	241647	47.207	ng	95
57) 2,4-Dinitrotoluene	10.080	165	300490	39.147	ng	93
58) Fluorene	10.433	166	993996	40.472	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	210376	34.515	ng	94
60) Diethylphthalate	10.304	149	1060608	41.792	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	459590	42.446	ng	# 87
62) 4-Nitroaniline	10.469	138	217228	31.560	ng	93
63) Azobenzene	10.580	77	1005870	38.859	ng	95
65) 4,6-Dinitro-2-methylph...	10.492	198	148479	37.087	ng	92
66) n-Nitrosodiphenylamine	10.539	169	869718	41.173	ng	96
67) 4-Bromophenyl-phenylether	10.910	248	300269	43.231	ng	98
68) Hexachlorobenzene	10.980	284	329005	43.717	ng	97
69) Atrazine	11.074	200	296045	46.141	ng	98
70) Pentachlorophenol	11.186	266	288090	70.416	ng	99
71) Phenanthrene	11.398	178	1361738	39.329	ng	99
72) Anthracene	11.451	178	1399296	41.125	ng	99
73) Carbazole	11.610	167	1259805	39.332	ng	99
74) Di-n-butylphthalate	11.921	149	1679418	44.029	ng	99
75) Fluoranthene	12.586	202	1386386	39.518	ng	99
77) Benzidine	12.710	184	599490	42.599	ng	99
78) Pyrene	12.821	202	1377531	41.353	ng	98
80) Butylbenzylphthalate	13.427	149	645468	44.673	ng	92
81) Benzo(a)anthracene	14.010	228	1063122	39.069	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	281253	31.305	ng	96
83) Chrysene	14.045	228	962336	37.524	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	909083	47.791	ng	98
85) Di-n-octyl phthalate	14.592	149	1330493	48.605	ng	96
87) Indeno(1,2,3-cd)pyrene	16.986	276	936662	42.291	ng	99
88) Benzo(b)fluoranthene	15.062	252	906994	41.574	ng	100
89) Benzo(k)fluoranthene	15.092	252	894516	41.840	ng	100
90) Benzo(a)pyrene	15.433	252	778327	43.948	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	814066	45.159	ng	100
92) Benzo(g,h,i)perylene	17.439	276	819865	44.509	ng	98

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

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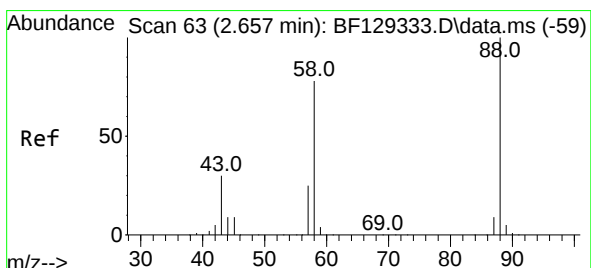
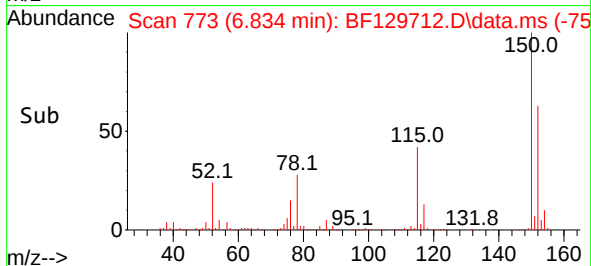
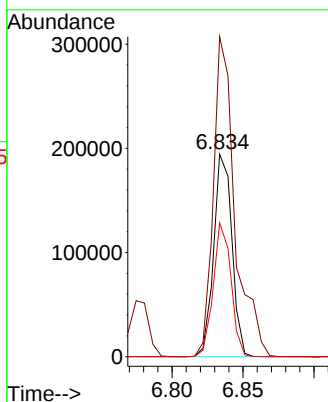
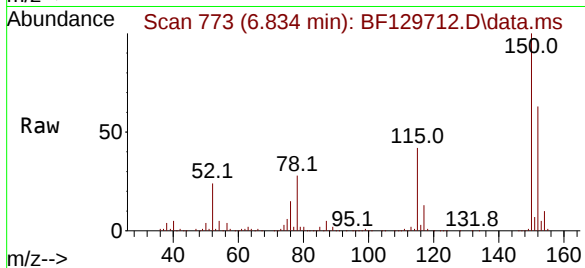




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129712.D
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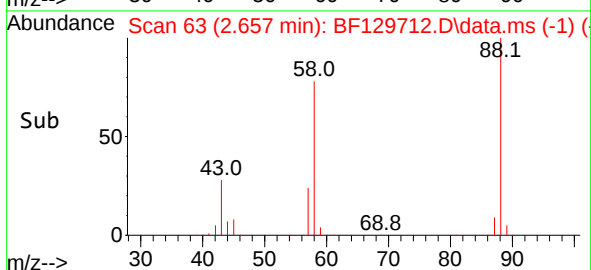
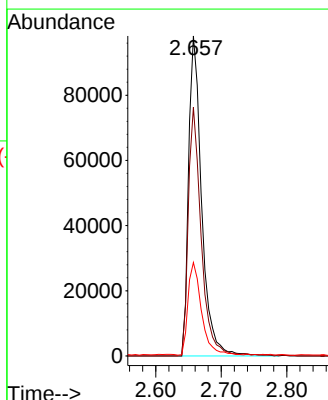
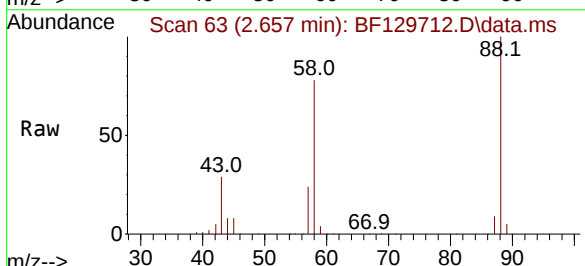
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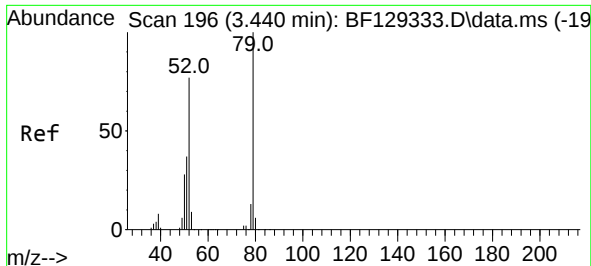
Tgt Ion:152 Resp: 173683
 Ion Ratio Lower Upper
 152 100
 150 158.0 123.7 185.5
 115 66.1 49.9 74.9



#2
 1,4-Dioxane
 Concen: 28.302 ng
 RT: 2.657 min Scan# 63
 Delta R.T. 0.100 min
 Lab File: BF129712.D
 Acq: 11 Aug 2022 12:49

Tgt Ion: 88 Resp: 136147
 Ion Ratio Lower Upper
 88 100
 58 76.8 71.8 107.8
 43 29.9 26.6 39.8

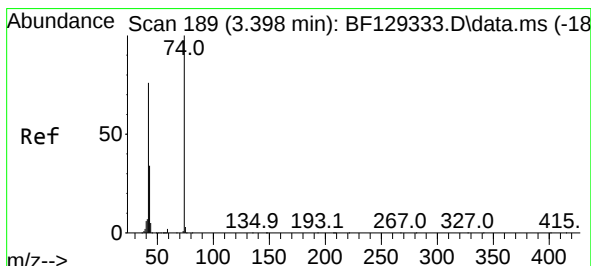
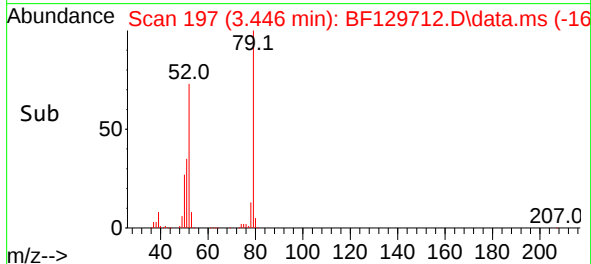
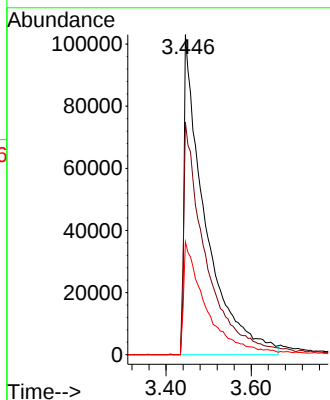
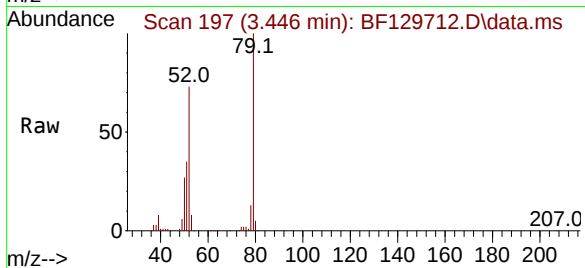




#3
Pyridine
Concen: 26.237 ng
RT: 3.446 min Scan# 196
Delta R.T. 0.112 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

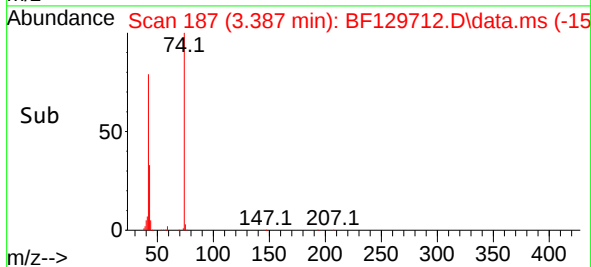
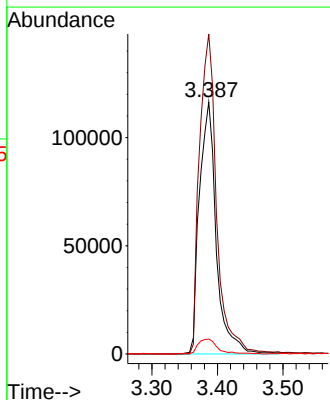
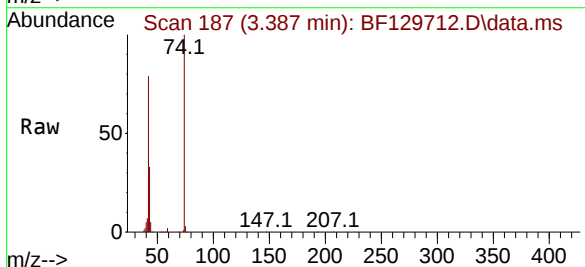
Instrument :
BNA_F
ClientSampleId :
PB146816BS

Tgt Ion: 79 Resp: 350501
Ion Ratio Lower Upper
79 100
52 72.7 68.6 102.8
51 35.3 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 35.630 ng
RT: 3.387 min Scan# 187
Delta R.T. 0.094 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion: 42 Resp: 209013
Ion Ratio Lower Upper
42 100
74 127.0 94.8 142.2
44 5.9 6.6 10.0#

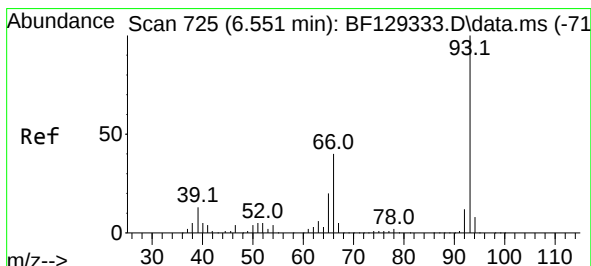
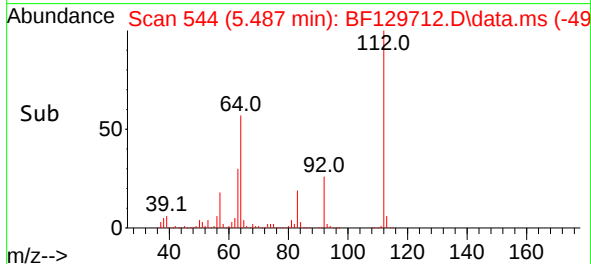
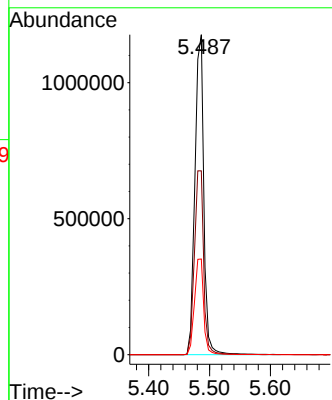
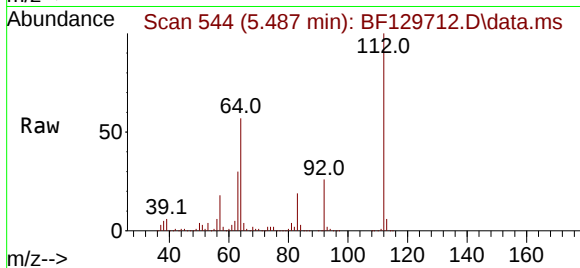




#5
2-Fluorophenol
Concen: 112.070 ng
RT: 5.487 min Scan# 54
Delta R.T. 0.017 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

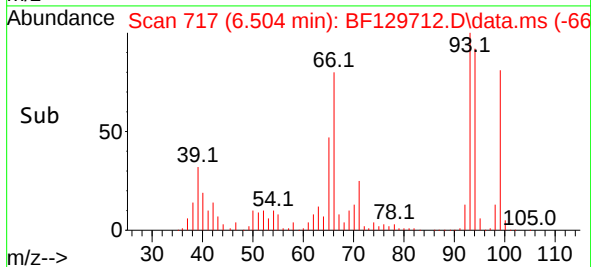
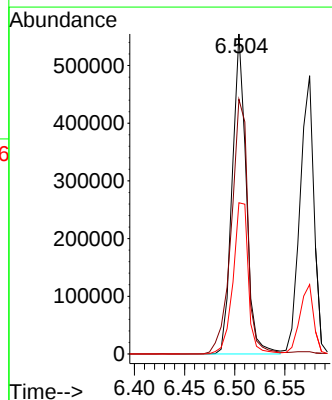
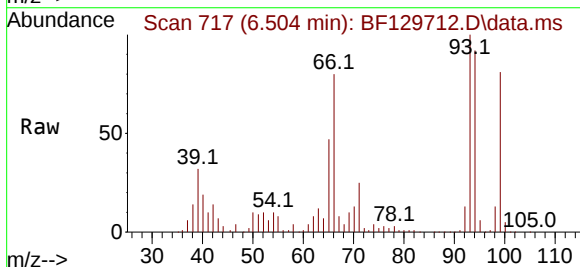
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 1194884
Ion Ratio Lower Upper
112 100
64 57.5 53.3 79.9
63 29.9 28.0 42.0



#6
Aniline
Concen: 32.198 ng
RT: 6.504 min Scan# 717
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion: 93 Resp: 536421
Ion Ratio Lower Upper
93 100
66 79.6 32.5 48.7#
65 47.3 16.4 24.6#

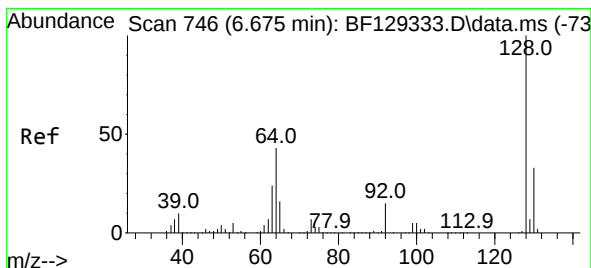
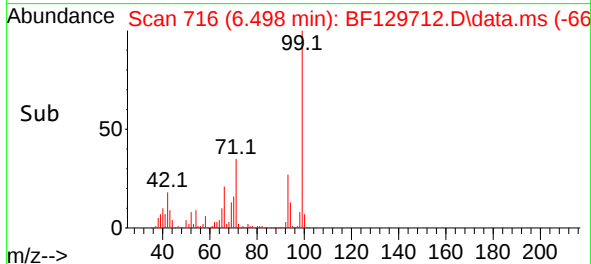
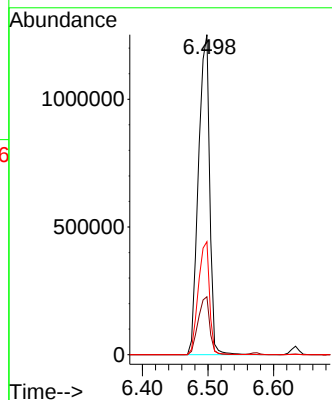
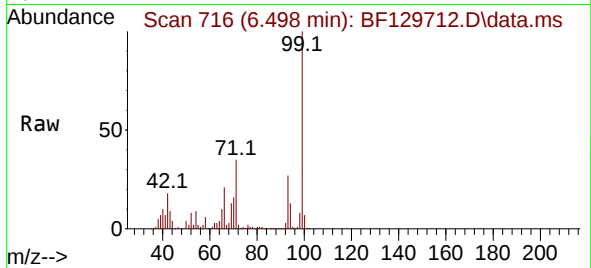




#7
Phenol-d6
Concen: 111.212 ng
RT: 6.498 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

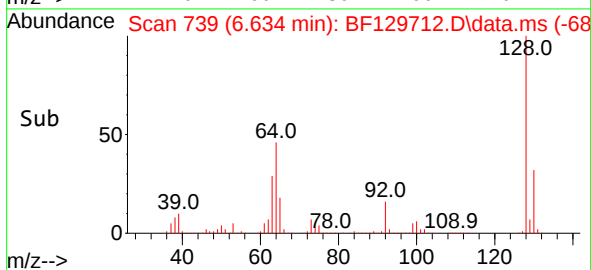
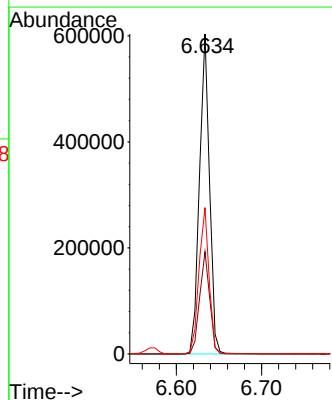
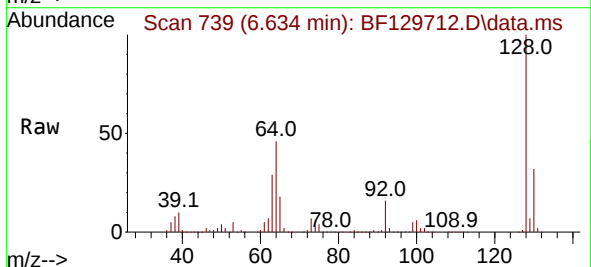
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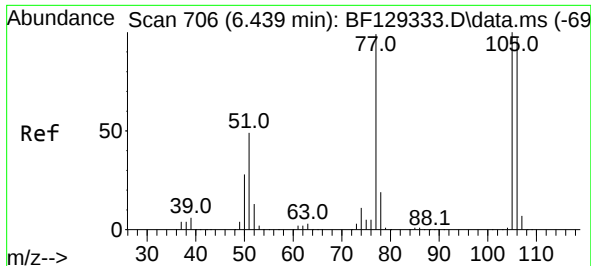
Tgt Ion: 99 Resp: 1490397
Ion Ratio Lower Upper
99 100
42 18.1 17.3 25.9
71 35.3 28.9 43.3



#8
2-Chlorophenol
Concen: 42.533 ng
RT: 6.634 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion: 128 Resp: 495440
Ion Ratio Lower Upper
128 100
130 32.0 13.1 53.1
64 45.7 30.9 70.9

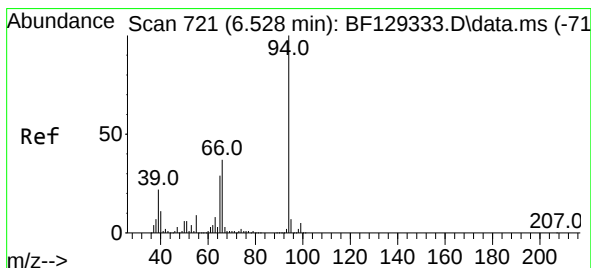
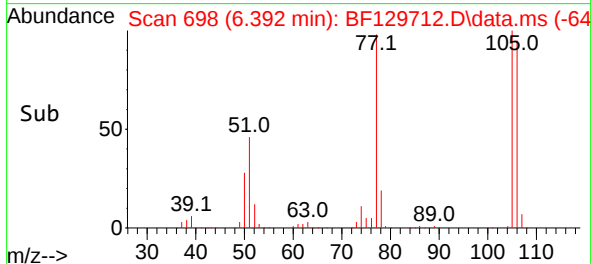
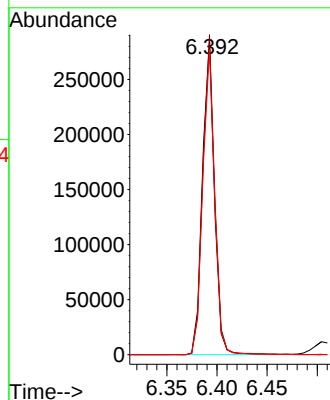
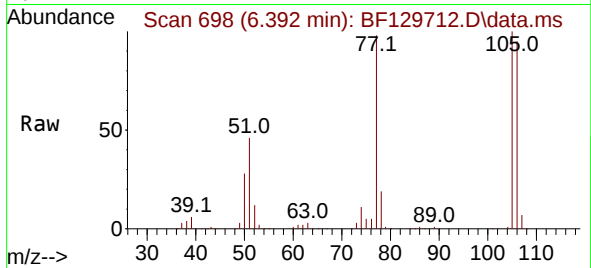




#9
Benzaldehyde
Concen: 26.132 ng
RT: 6.392 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

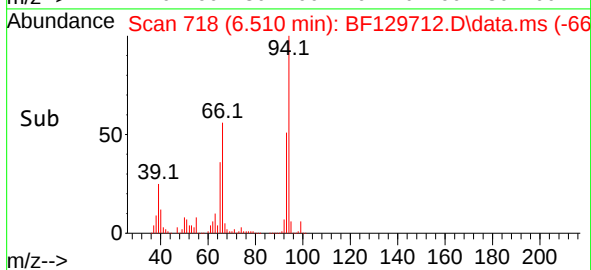
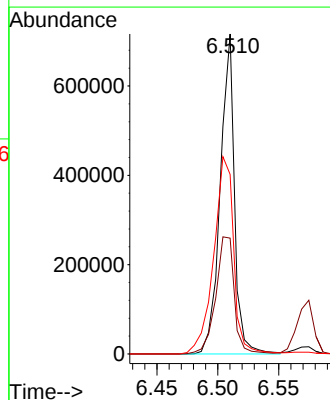
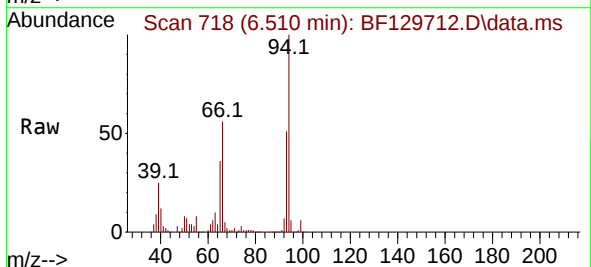
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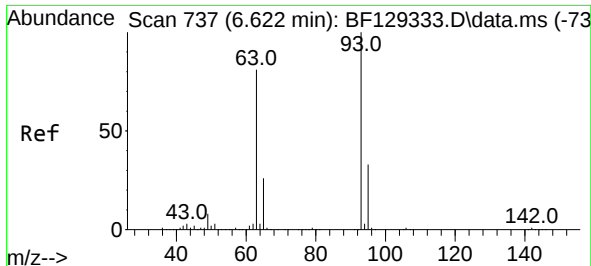
Tgt Ion: 77 Resp: 237823
Ion Ratio Lower Upper
77 100
105 101.8 81.6 121.6
106 97.0 76.1 116.1



#10
Phenol
Concen: 41.011 ng
RT: 6.510 min Scan# 718
Delta R.T. 0.006 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion: 94 Resp: 585278
Ion Ratio Lower Upper
94 100
65 36.2 11.4 51.4
66 56.1 21.4 61.4

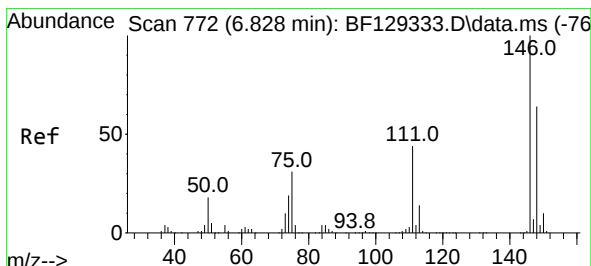
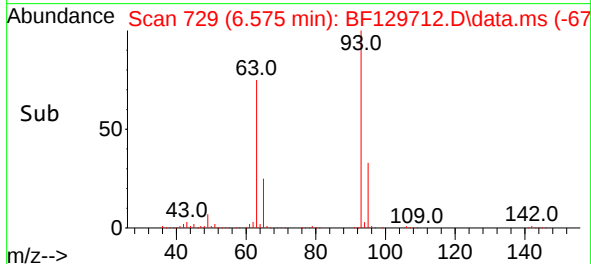
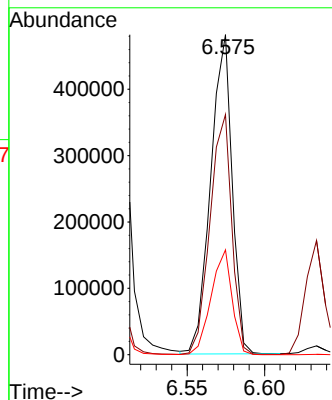
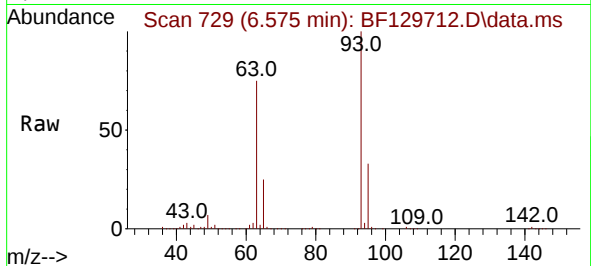




#11
bis(2-Chloroethyl)ether
Concen: 40.947 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

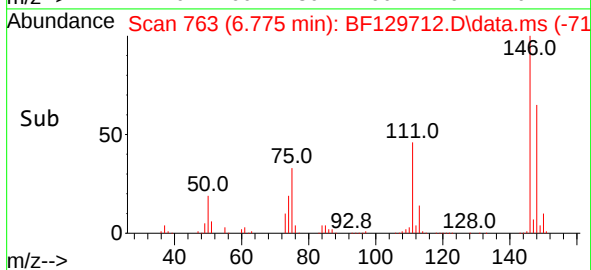
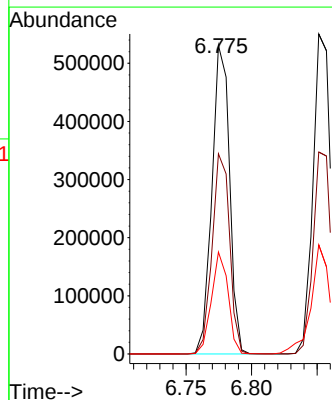
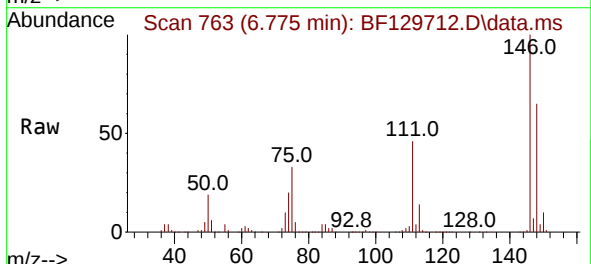
Instrument :
BNA_F
ClientSampleId :
PB146816BS

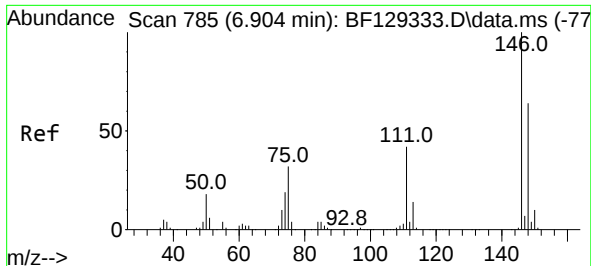
Tgt Ion: 93 Resp: 463438
Ion Ratio Lower Upper
93 100
63 75.1 67.4 107.4
95 32.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.669 ng
RT: 6.775 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion: 146 Resp: 495578
Ion Ratio Lower Upper
146 100
148 64.9 50.6 75.8
75 33.0 26.3 39.5

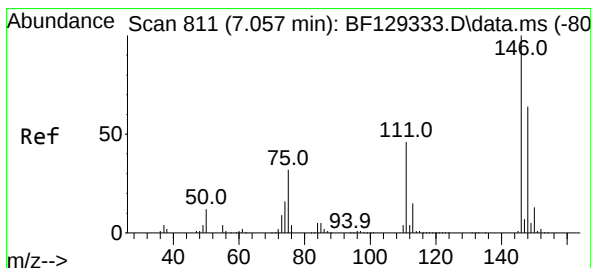
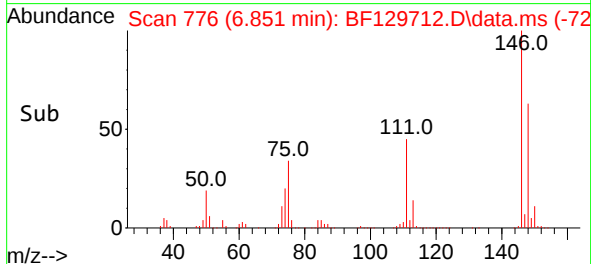
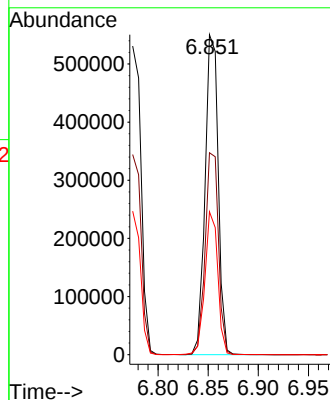
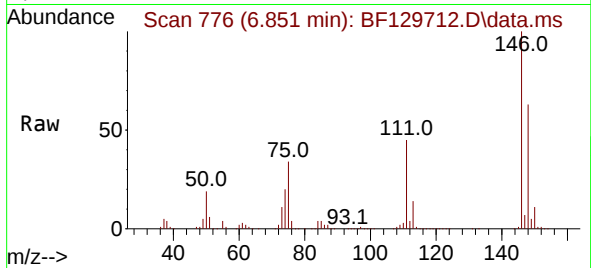




#13
1,4-Dichlorobenzene
Concen: 39.822 ng
RT: 6.851 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

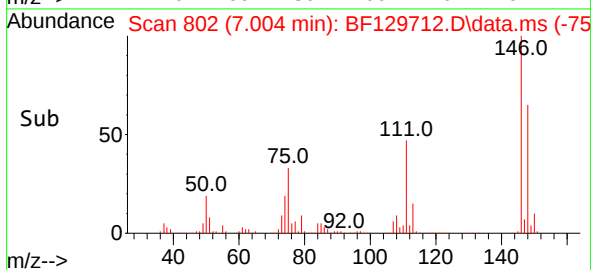
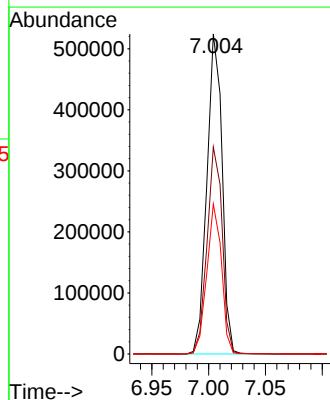
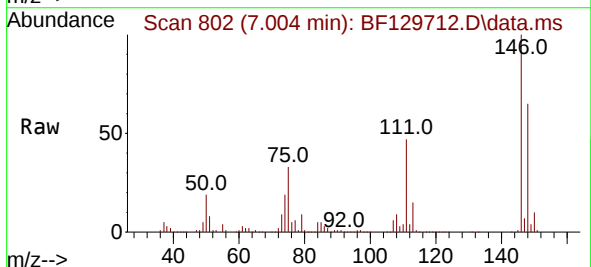
Instrument :
BNA_F
ClientSampleId :
PB146816BS

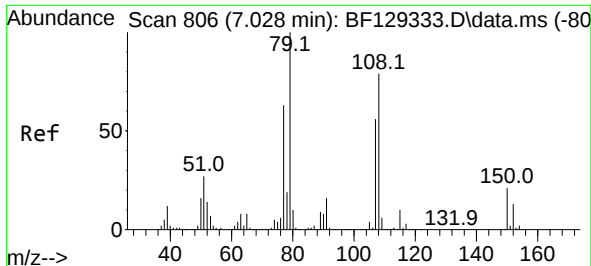
Tgt Ion:146 Resp: 505951
Ion Ratio Lower Upper
146 100
148 63.1 51.1 76.7
111 44.6 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 41.503 ng
RT: 7.004 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion:146 Resp: 484687
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
111 46.9 35.1 52.7





#15

Benzyl Alcohol

Concen: 42.183 ng

RT: 6.992 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

Instrument :

BNA_F

ClientSampleId :

PB146816BS

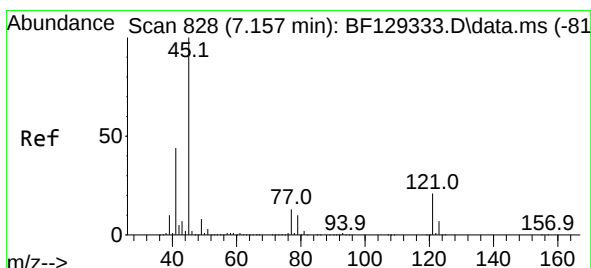
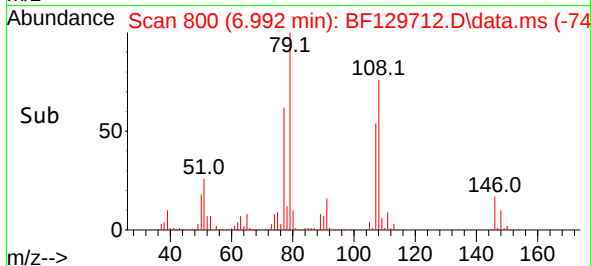
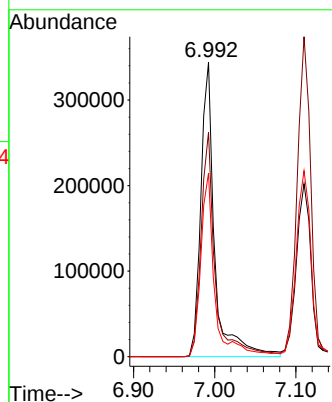
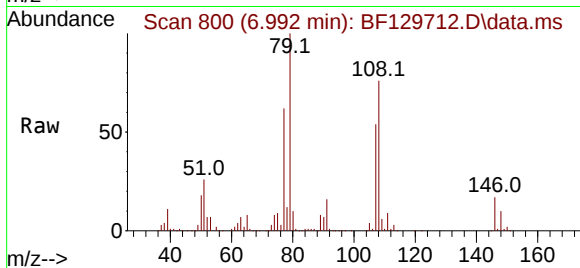
Tgt Ion: 79 Resp: 410001

Ion Ratio Lower Upper

79 100

108 76.3 61.8 92.6

77 62.4 50.2 75.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.154 ng

RT: 7.104 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

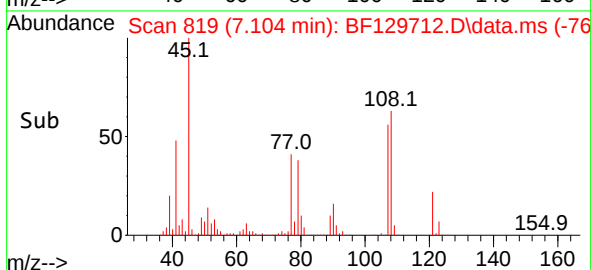
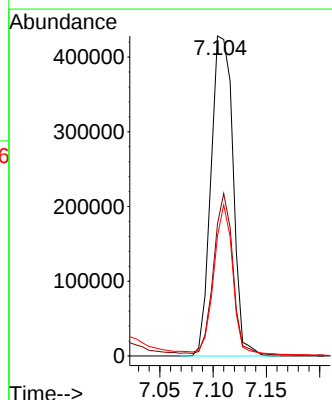
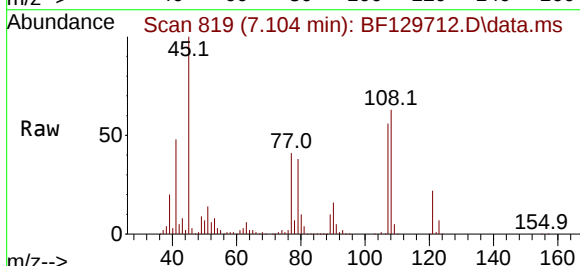
Tgt Ion: 45 Resp: 615078

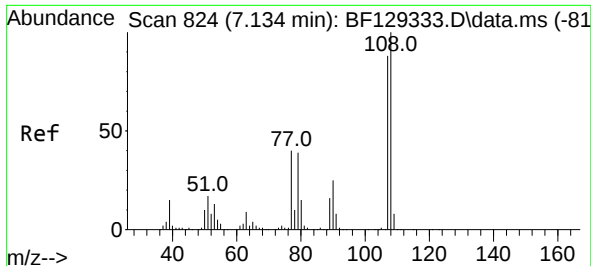
Ion Ratio Lower Upper

45 100

77 41.3 0.0 31.3#

79 37.5 0.0 28.3#

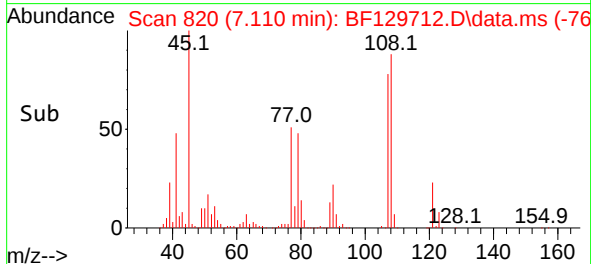
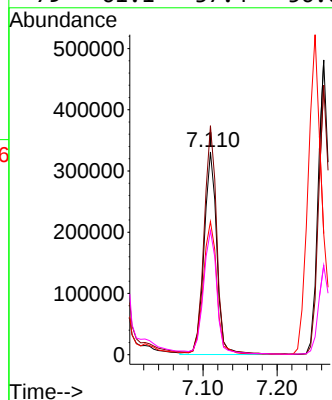
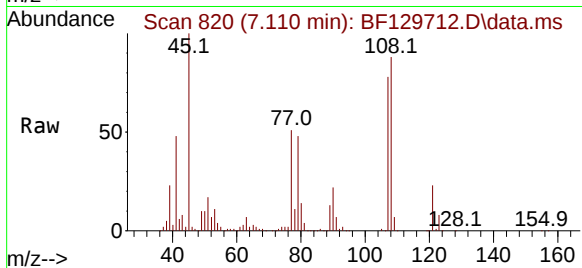




#17
2-Methylphenol
Concen: 41.013 ng
RT: 7.110 min Scan# 810
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

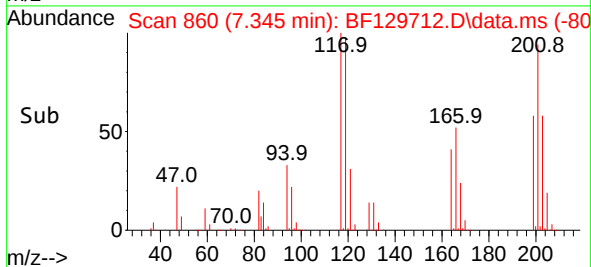
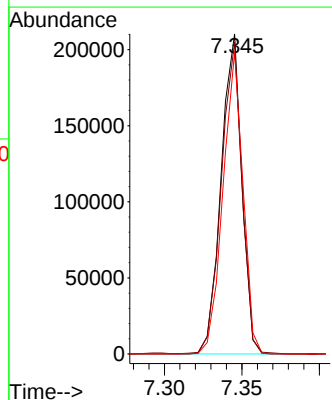
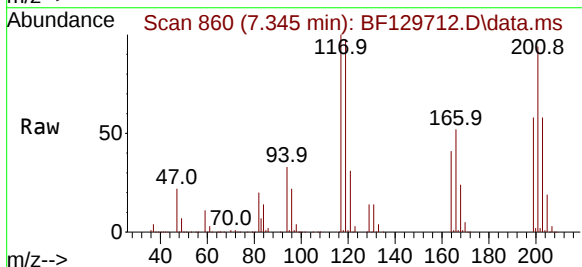
Instrument :
BNA_F
ClientSampleId :
PB146816BS

Tgt Ion:107 Resp: 396324
Ion Ratio Lower Upper
107 100
108 113.0 91.9 137.9
77 65.7 37.8 56.8#
79 61.1 37.4 56.0#



#18
Hexachloroethane
Concen: 40.791 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion:117 Resp: 195147
Ion Ratio Lower Upper
117 100
119 97.4 77.4 116.2
201 94.4 84.6 127.0



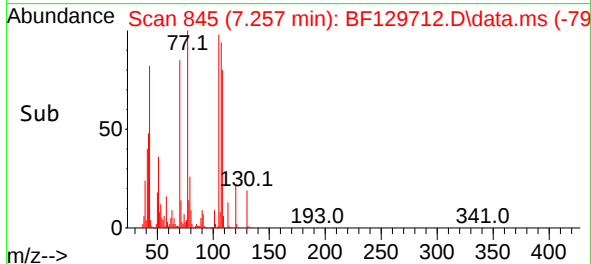
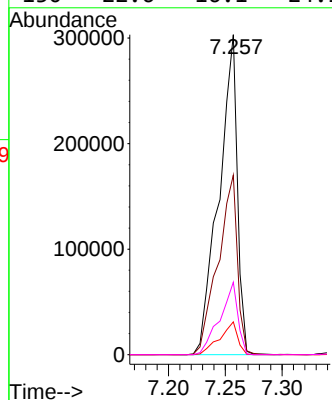
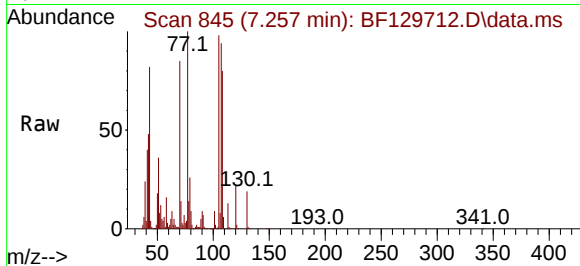


#19
n-Nitroso-di-n-propylamine
Concen: 42.191 ng
RT: 7.257 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Instrument :
BNA_F
ClientSampleId :
PB146816BS

Tgt Ion: 70 Resp: 342296

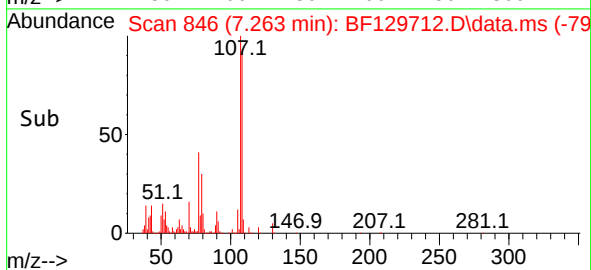
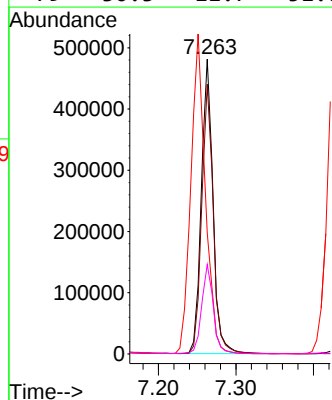
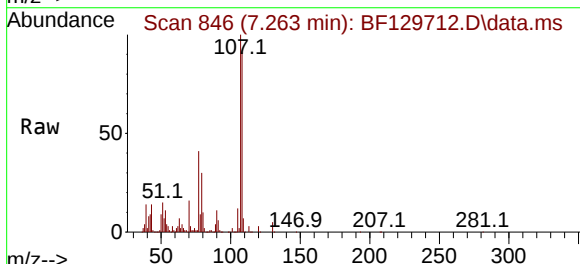
Ion	Ratio	Lower	Upper
70	100		
42	56.1	52.3	78.5
101	10.3	7.5	11.3
130	22.6	16.1	24.1



#20
3+4-Methylphenols
Concen: 40.931 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion: 107 Resp: 502910

Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.8	111.8
77	41.1	59.3	99.3#
79	30.3	11.7	51.7



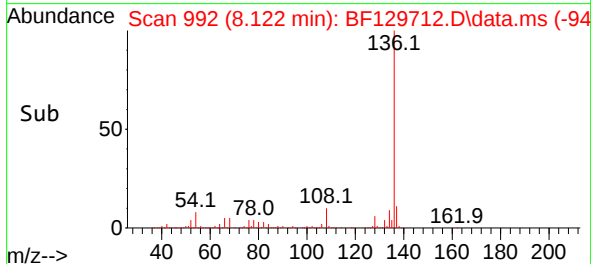
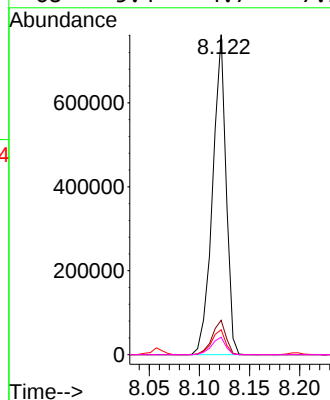
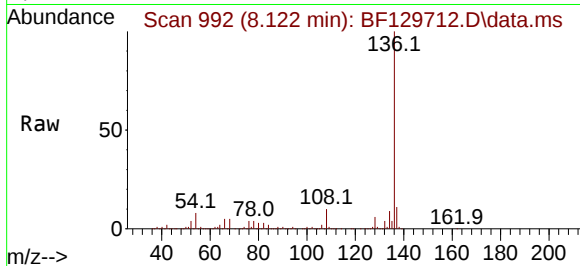


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Instrument :
BNA_F
ClientSampleId :
PB146816BS

Tgt Ion:136 Resp: 714626

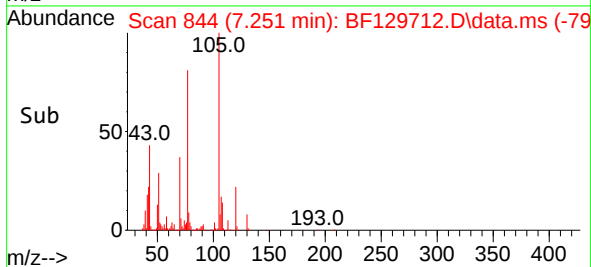
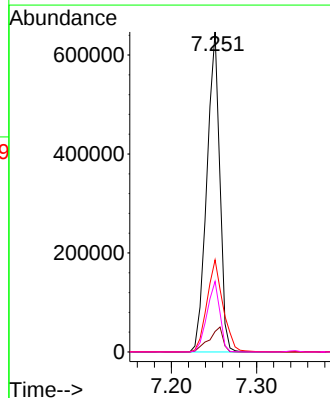
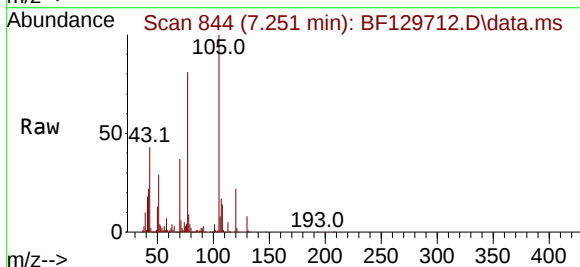
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.8	7.5	11.3
68	5.4	4.7	7.1



#22
Acetophenone
Concen: 40.988 ng
RT: 7.251 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion:105 Resp: 681947

Ion	Ratio	Lower	Upper
105	100		
71	6.4	5.0	7.4
51	28.8	25.0	37.4
120	22.0	17.8	26.8





#23

Nitrobenzene-d5

Concen: 74.314 ng

RT: 7.410 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

Instrument :

BNA_F

ClientSampleId :

PB146816BS

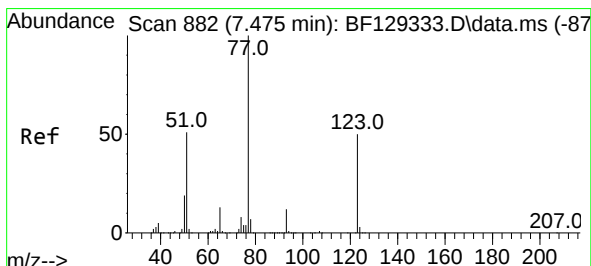
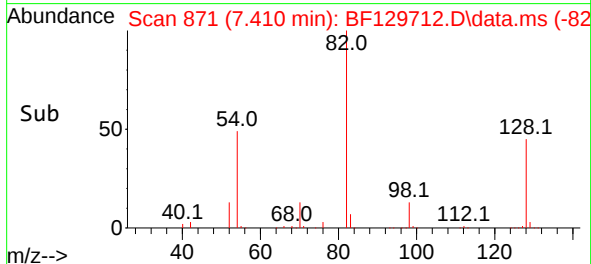
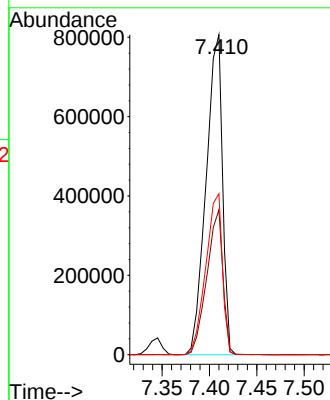
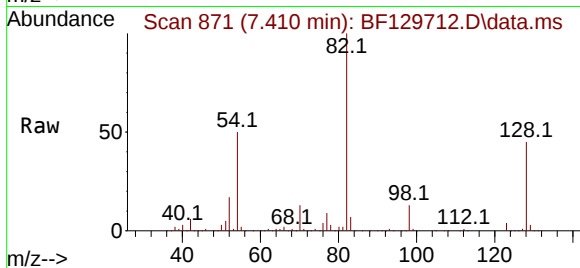
Tgt Ion: 82 Resp: 972853

Ion Ratio Lower Upper

82 100

128 45.3 34.0 51.0

54 50.3 46.9 70.3



#24

Nitrobenzene

Concen: 37.608 ng

RT: 7.428 min Scan# 874

Delta R.T. -0.000 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

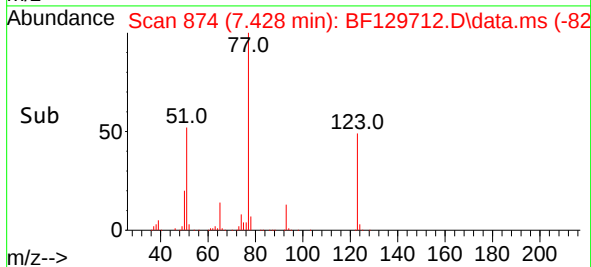
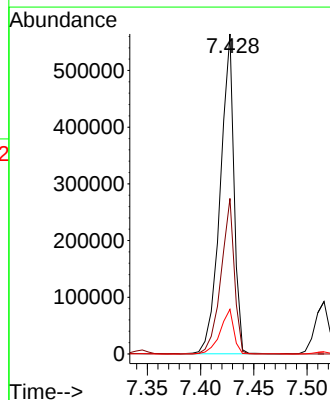
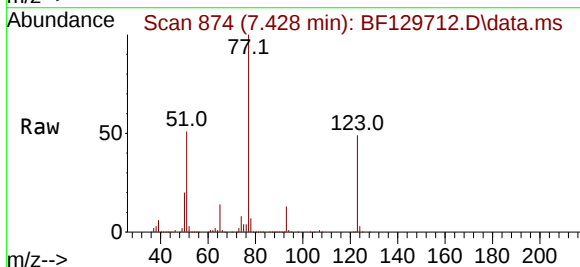
Tgt Ion: 77 Resp: 506980

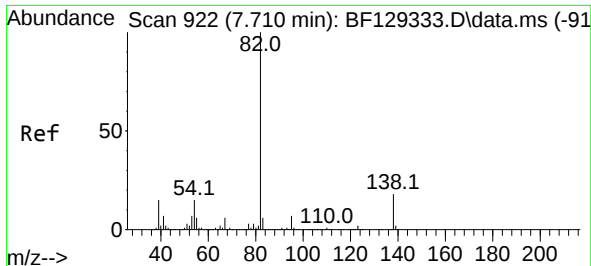
Ion Ratio Lower Upper

77 100

123 48.6 35.4 53.2

65 14.0 11.8 17.8

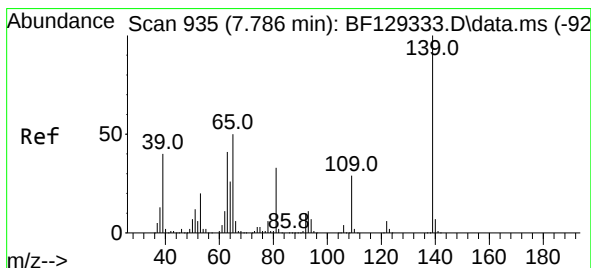
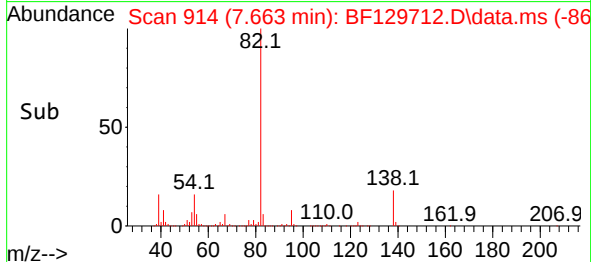
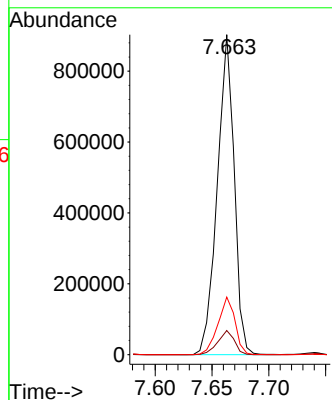
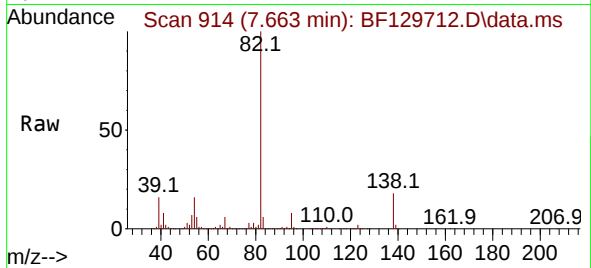




#25
Isophorone
Concen: 39.910 ng
RT: 7.663 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

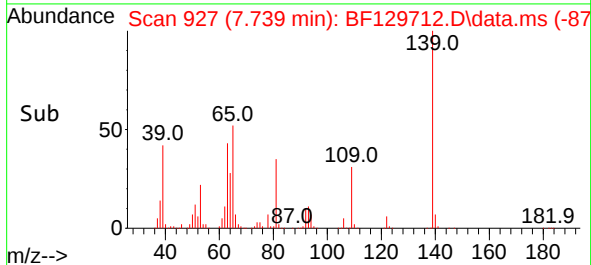
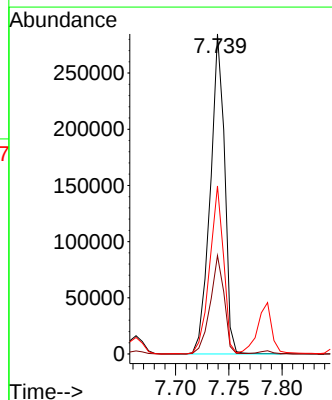
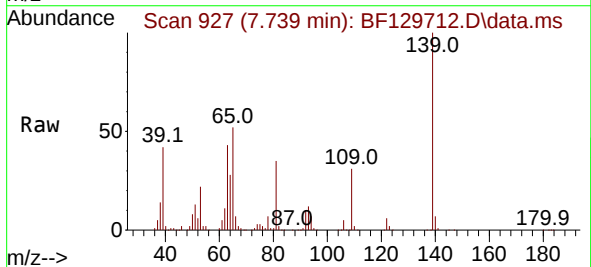
Instrument :
BNA_F
ClientSampleId :
PB146816BS

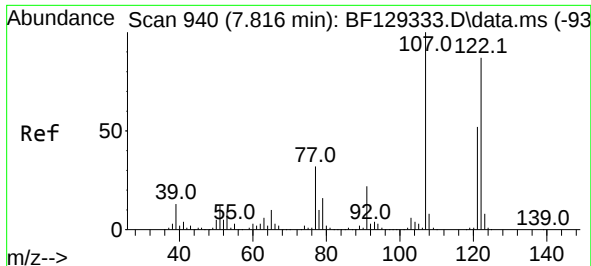
Tgt Ion: 82 Resp: 936526
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 18.0 14.2 21.2



#26
2-Nitrophenol
Concen: 40.046 ng
RT: 7.739 min Scan# 927
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion: 139 Resp: 266324
Ion Ratio Lower Upper
139 100
109 30.8 25.0 37.4
65 52.5 45.1 67.7

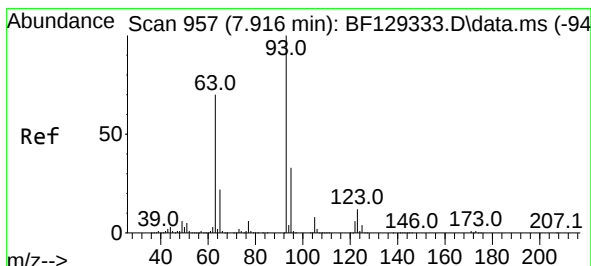
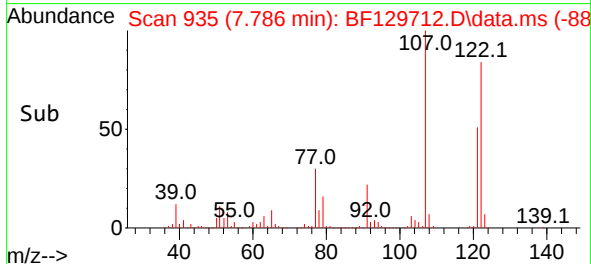
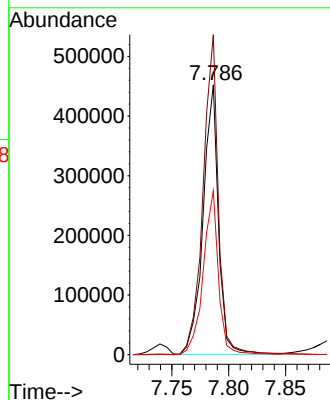
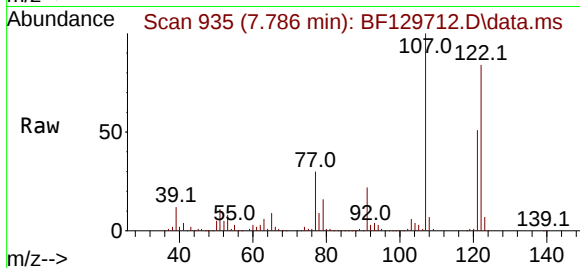




#27
2,4-Dimethylphenol
Concen: 42.561 ng
RT: 7.786 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

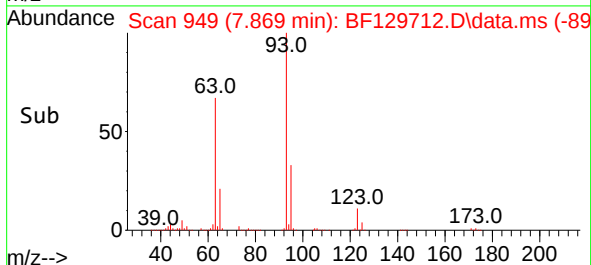
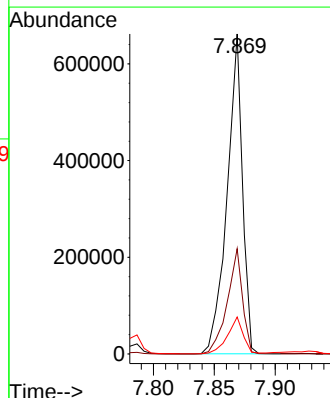
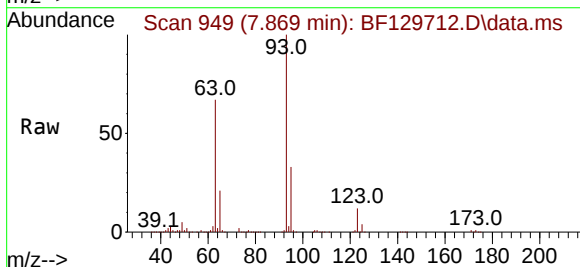
Instrument :
BNA_F
ClientSampleId :
PB146816BS

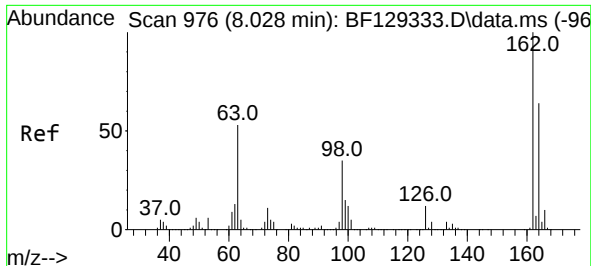
Tgt Ion:122 Resp: 424580
Ion Ratio Lower Upper
122 100
107 118.6 93.0 139.6
121 60.7 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 42.748 ng
RT: 7.869 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion: 93 Resp: 581914
Ion Ratio Lower Upper
93 100
95 32.9 26.8 40.2
123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.099 ng

RT: 7.992 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

Instrument :

BNA_F

ClientSampleId :

PB146816BS

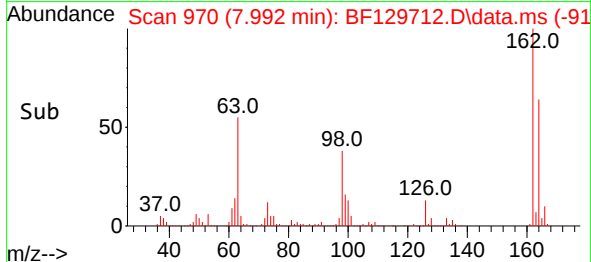
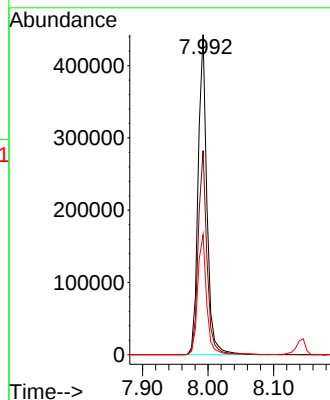
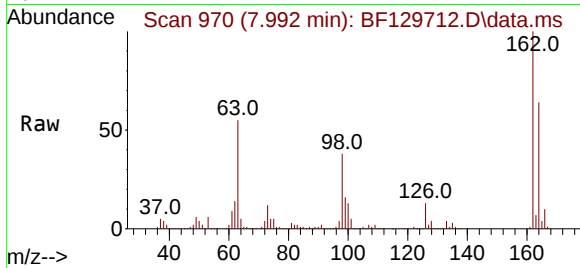
Tgt Ion:162 Resp: 412870

Ion Ratio Lower Upper

162 100

164 63.8 44.2 84.2

98 37.5 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 38.868 ng

RT: 8.063 min Scan# 982

Delta R.T. -0.000 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

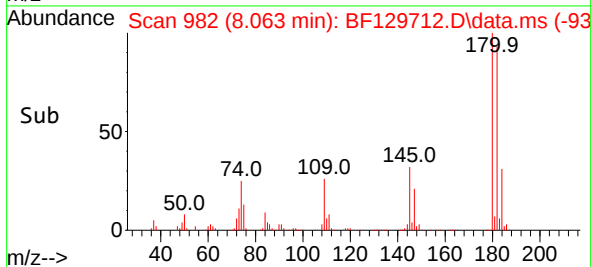
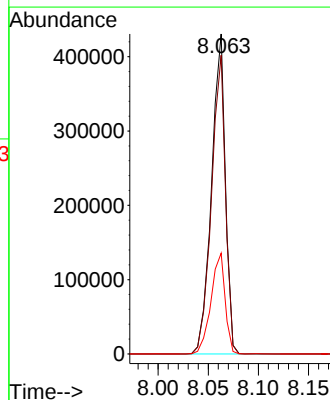
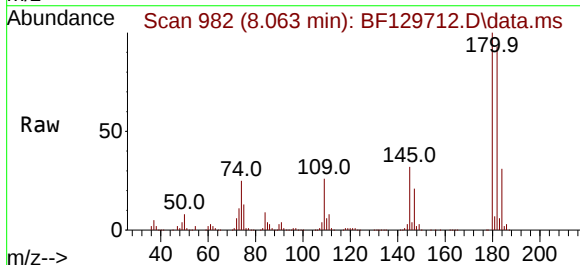
Tgt Ion:180 Resp: 414239

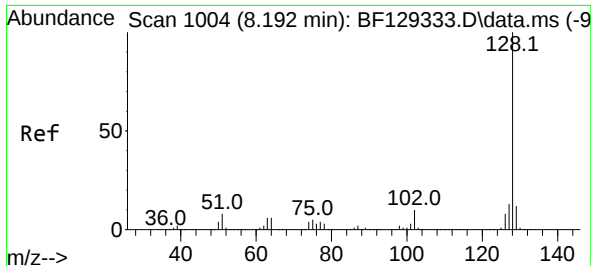
Ion Ratio Lower Upper

180 100

182 93.4 79.2 118.8

145 31.5 26.2 39.2





#31

Naphthalene

Concen: 38.373 ng

RT: 8.145 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

Instrument :

BNA_F

ClientSampleId :

PB146816BS

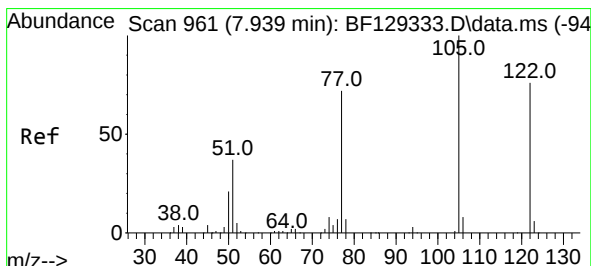
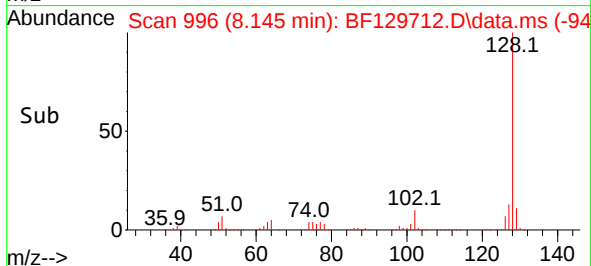
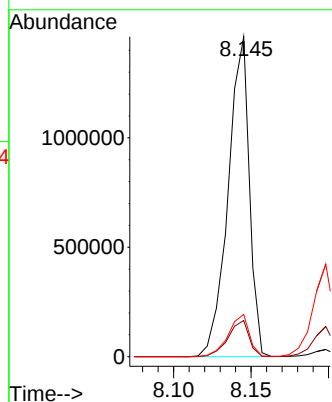
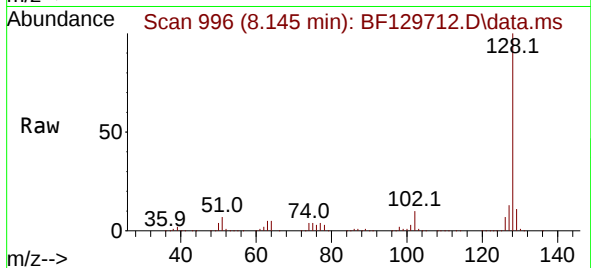
Tgt Ion:128 Resp: 1393225

Ion Ratio Lower Upper

128 100

129 11.3 9.2 13.8

127 13.2 10.5 15.7



#32

Benzoic acid

Concen: 24.380 ng

RT: 7.928 min Scan# 959

Delta R.T. 0.012 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

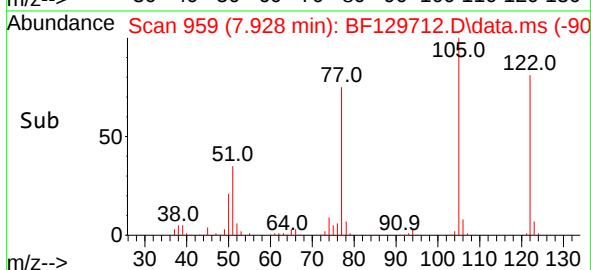
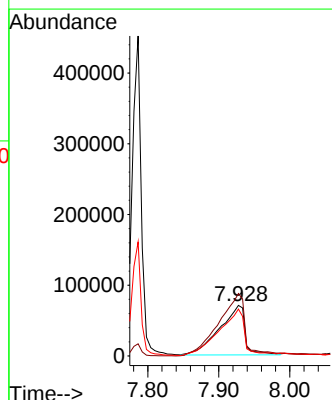
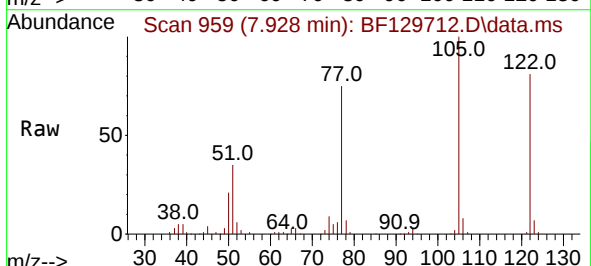
Tgt Ion:122 Resp: 175824

Ion Ratio Lower Upper

122 100

105 123.5 107.1 147.1

77 93.0 74.2 114.2

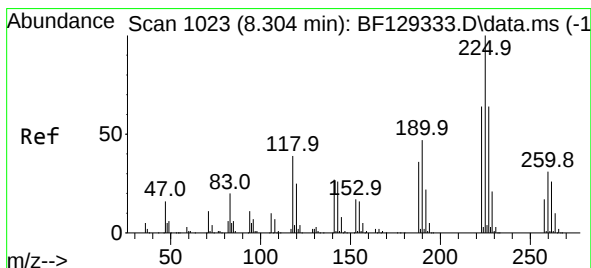
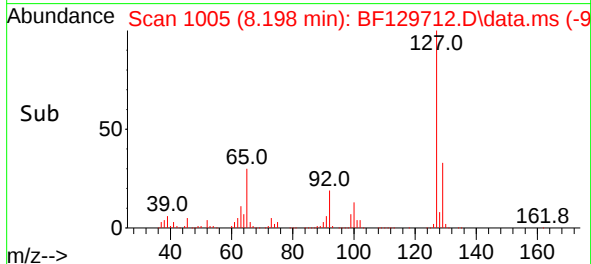
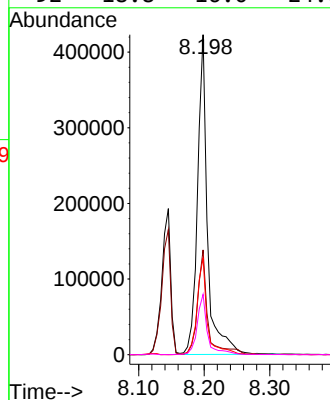
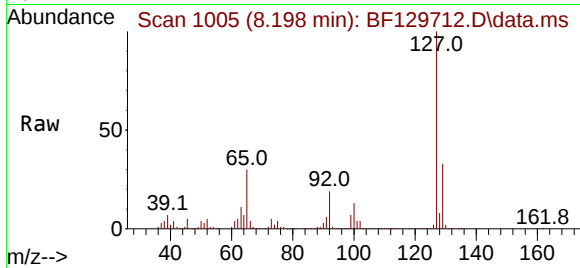




#33
4-Chloroaniline
Concen: 30.125 ng
RT: 8.198 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

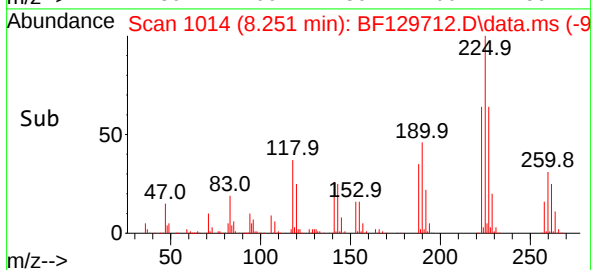
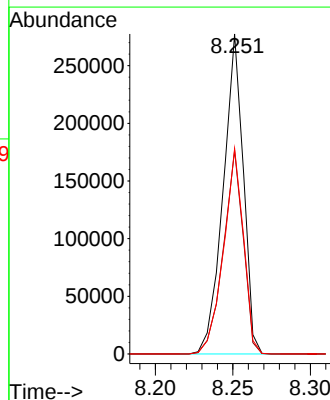
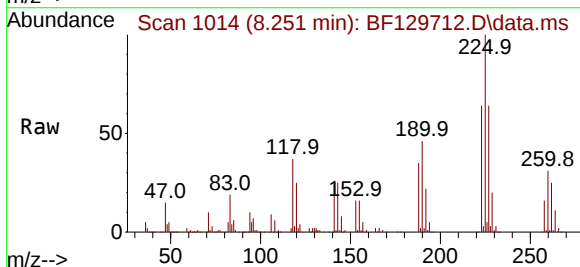
Instrument :
BNA_F
ClientSampleId :
PB146816BS

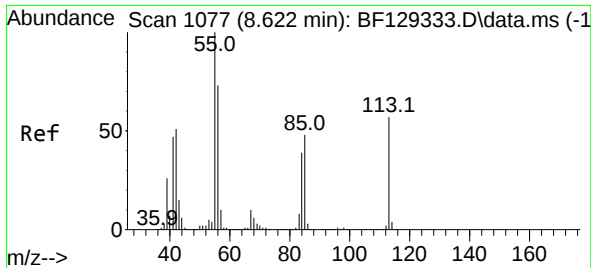
Tgt Ion:127	Resp: 449056
Ion Ratio	Lower Upper
127 100	
129 32.7	26.4 39.6
65 30.2	26.4 39.6
92 18.8	16.0 24.0



#34
Hexachlorobutadiene
Concen: 41.308 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion:225	Resp: 250249		
Ion Ratio	Lower	Upper	
225 100			
223 63.6	51.0	76.6	
227 64.2	51.1	76.7	

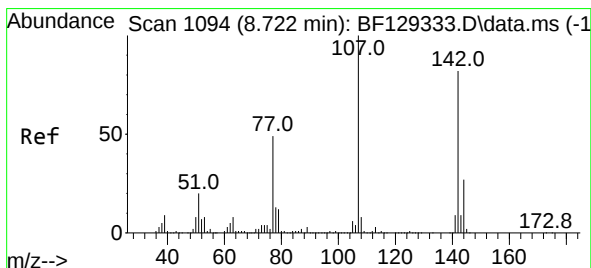
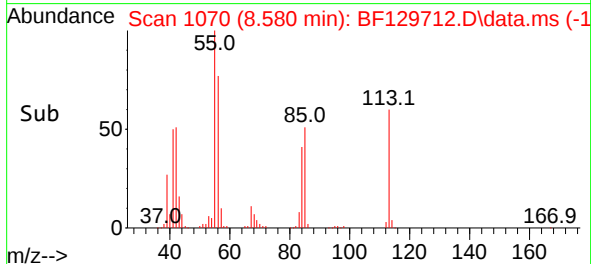
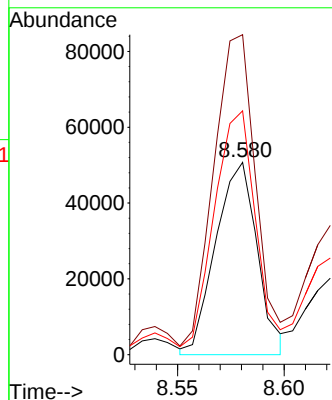
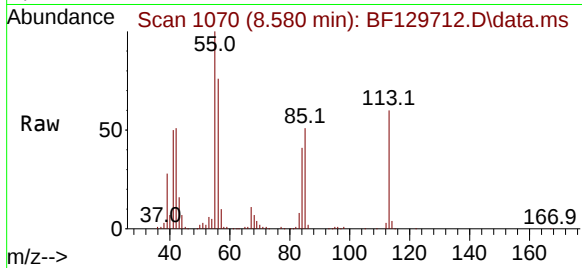




#35
 Caprolactam
 Concen: 20.560 ng
 RT: 8.580 min Scan# 1077
 Delta R.T. -0.000 min
 Lab File: BF129712.D
 Acq: 11 Aug 2022 12:49

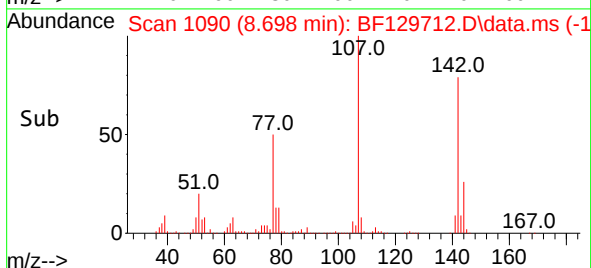
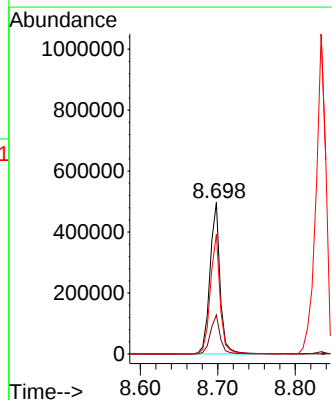
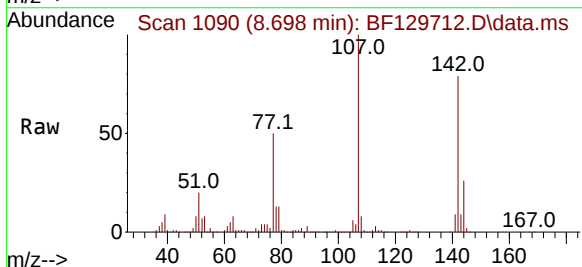
Instrument :
 BNA_F
 ClientSampleId :
 PB146816BS

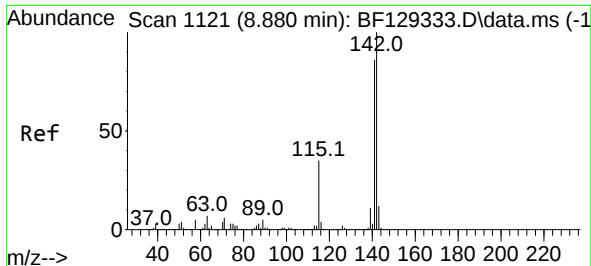
Tgt Ion:113 Resp: 68823
 Ion Ratio Lower Upper
 113 100
 55 166.4 188.5 228.5#
 56 126.8 130.6 170.6#



#36
 4-Chloro-3-methylphenol
 Concen: 41.043 ng
 RT: 8.698 min Scan# 1090
 Delta R.T. 0.006 min
 Lab File: BF129712.D
 Acq: 11 Aug 2022 12:49

Tgt Ion:107 Resp: 448207
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.5 29.3
 142 79.1 58.2 87.4

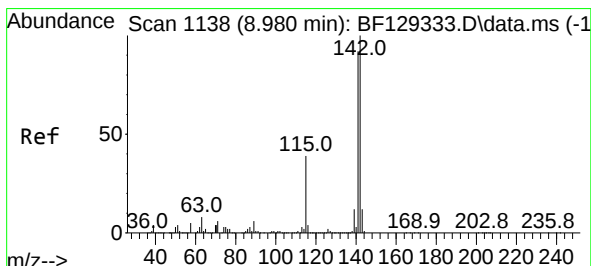
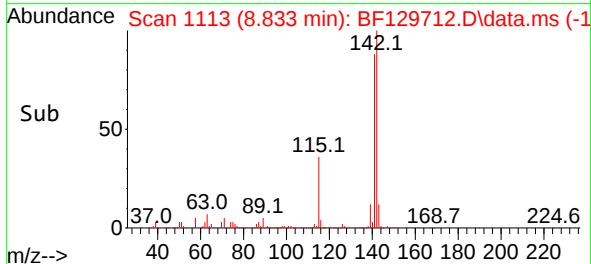
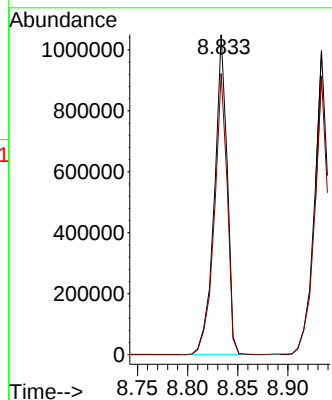
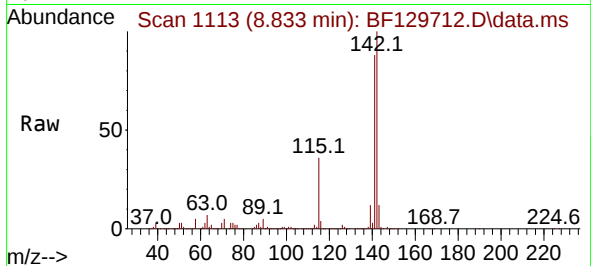




#37
2-Methylnaphthalene
Concen: 39.481 ng
RT: 8.833 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

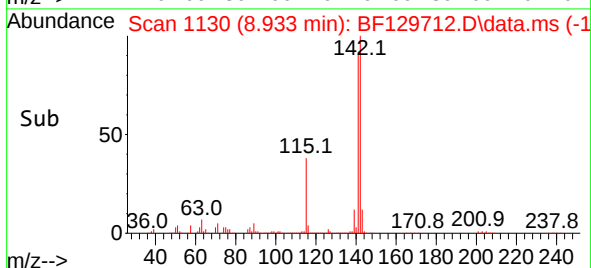
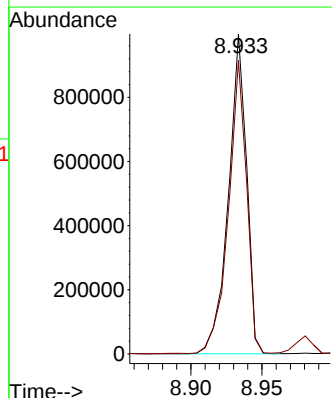
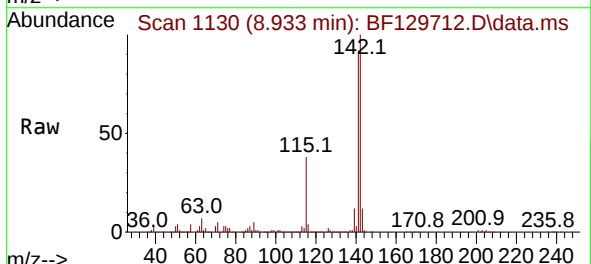
Instrument :
BNA_F
ClientSampleId :
PB146816BS

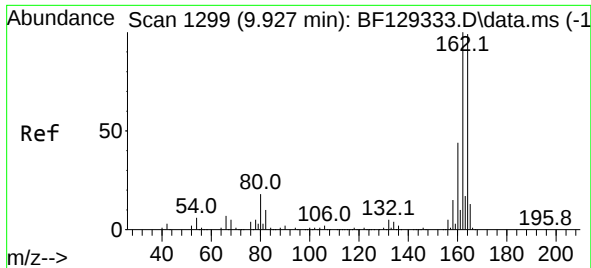
Tgt Ion:142 Resp: 931537
Ion Ratio Lower Upper
142 100
141 87.8 71.0 106.4



#38
1-Methylnaphthalene
Concen: 38.896 ng
RT: 8.933 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion:142 Resp: 885942
Ion Ratio Lower Upper
142 100
141 91.7 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1142

Delta R.T. -0.000 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

Instrument :

BNA_F

ClientSampleId :

PB146816BS

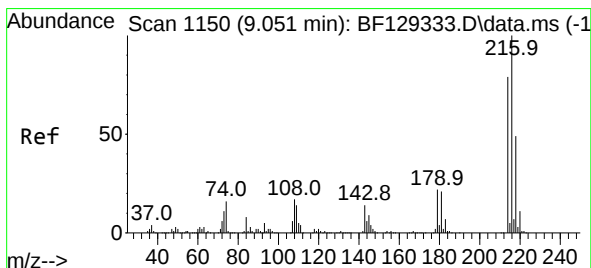
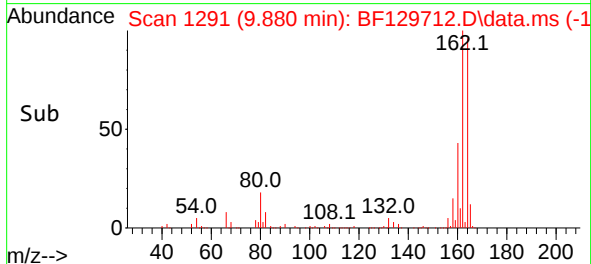
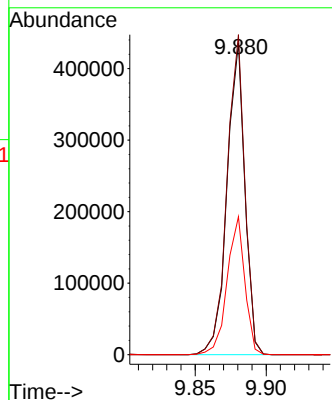
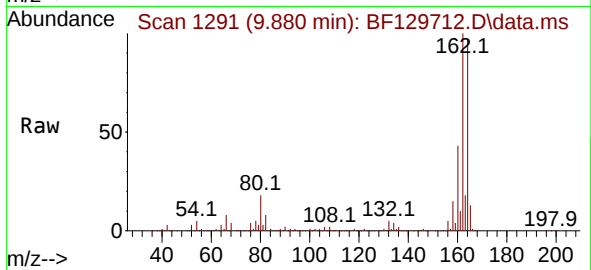
Tgt Ion:164 Resp: 380295

Ion Ratio Lower Upper

164 100

162 102.6 79.5 119.3

160 44.2 34.2 51.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.414 ng

RT: 9.004 min Scan# 1142

Delta R.T. 0.006 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

Tgt Ion:216 Resp: 413552

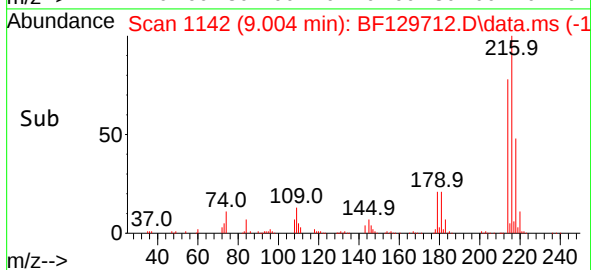
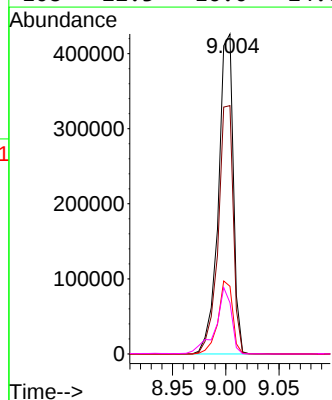
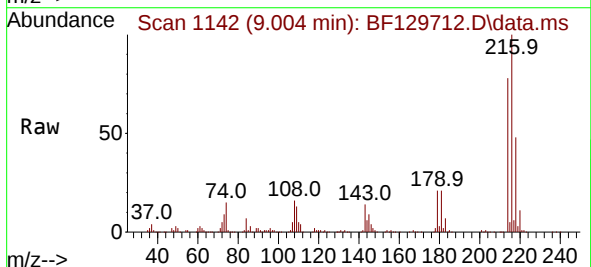
Ion Ratio Lower Upper

216 100

214 78.6 63.6 95.4

179 22.4 17.0 25.6

108 22.3 16.0 24.0

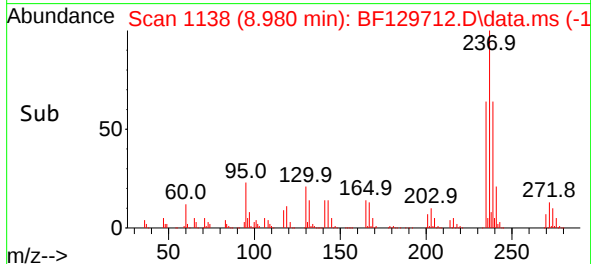
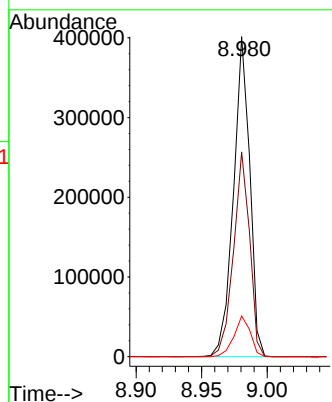
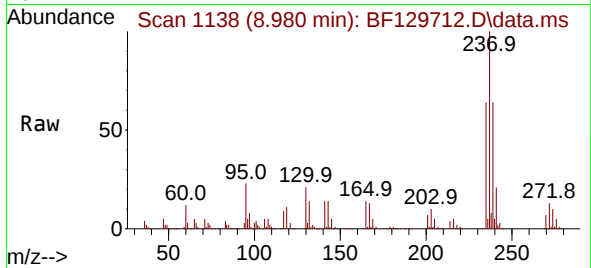




#41
Hexachlorocyclopentadiene
Concen: 78.215 ng
RT: 8.980 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

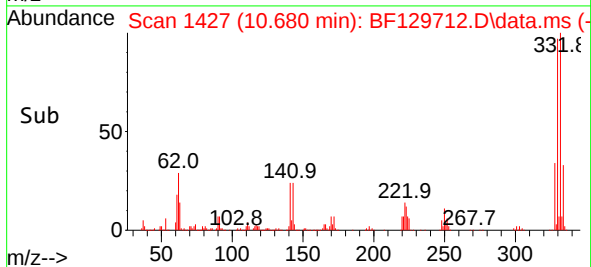
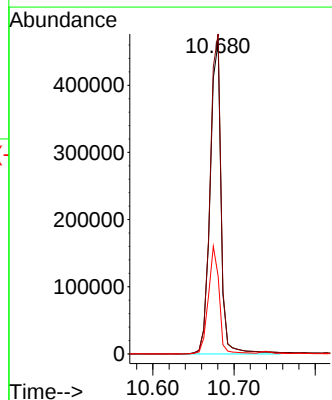
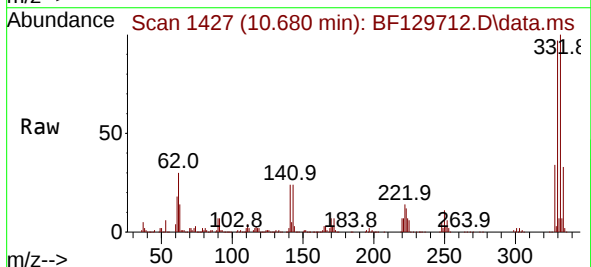
Instrument :
BNA_F
ClientSampleId :
PB146816BS

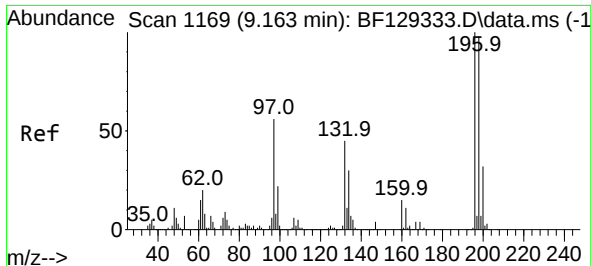
Tgt Ion:237 Resp: 347789
Ion Ratio Lower Upper
237 100
235 64.0 43.2 83.2
272 12.7 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 118.934 ng
RT: 10.680 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion:330 Resp: 434854
Ion Ratio Lower Upper
330 100
332 104.4 76.8 115.2
141 34.1 28.0 42.0

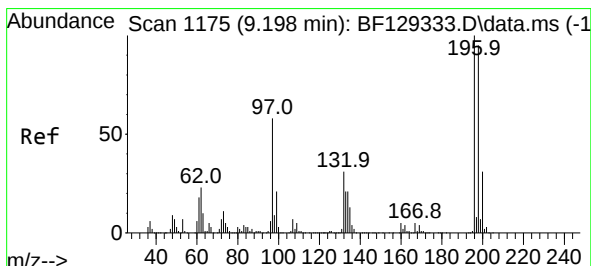
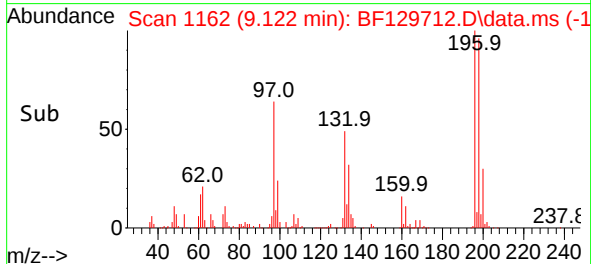
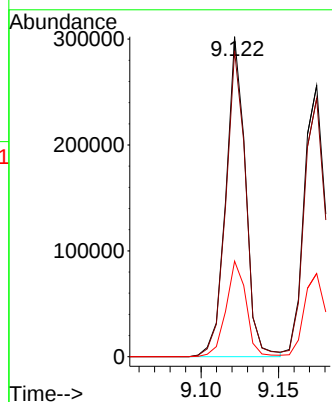
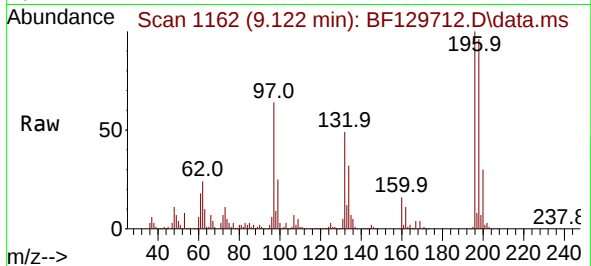




#43
2,4,6-Trichlorophenol
Concen: 36.612 ng
RT: 9.122 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

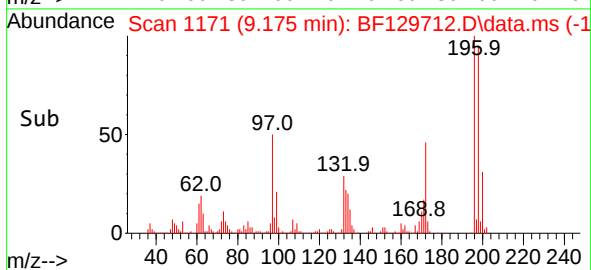
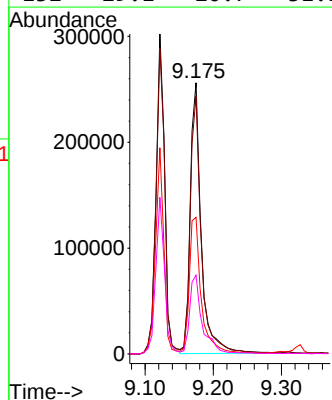
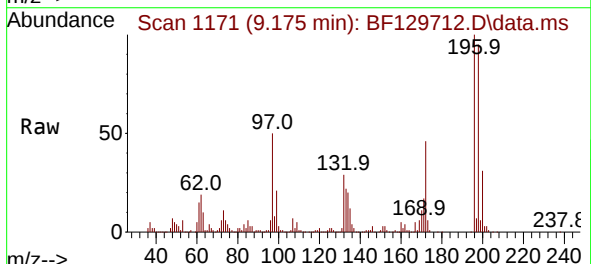
Instrument :
BNA_F
ClientSampleId :
PB146816BS

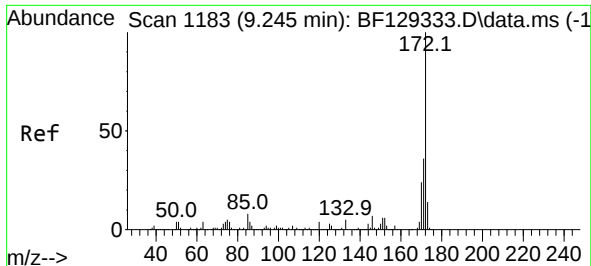
Tgt Ion:196 Resp: 265536
Ion Ratio Lower Upper
196 100
198 95.6 74.0 111.0
200 29.8 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 36.305 ng
RT: 9.175 min Scan# 1171
Delta R.T. 0.006 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion:196 Resp: 286348
Ion Ratio Lower Upper
196 100
198 95.2 75.7 113.5
97 50.4 36.4 54.6
132 29.1 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 74.028 ng

RT: 9.198 min Scan# 1119

Delta R.T. -0.000 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

Instrument :

BNA_F

ClientSampleId :

PB146816BS

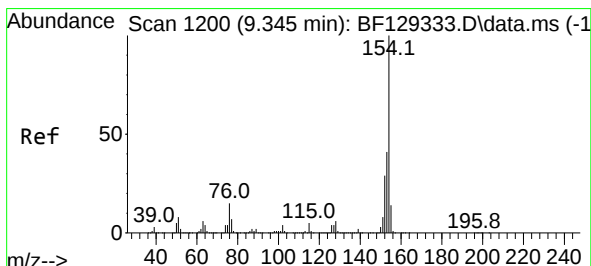
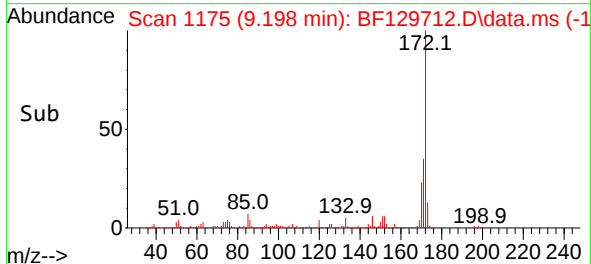
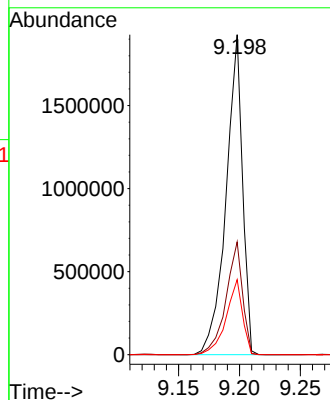
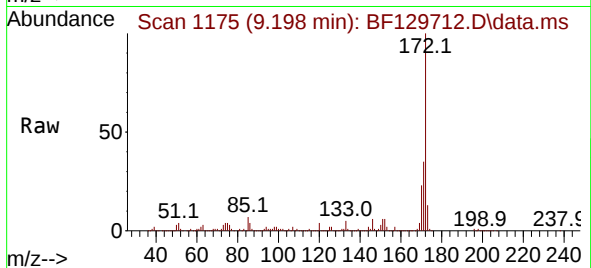
Tgt Ion:172 Resp: 1819881

Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.4 19.8 29.8



#46

1,1'-Biphenyl

Concen: 41.008 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

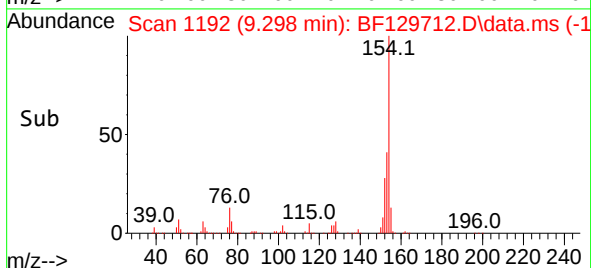
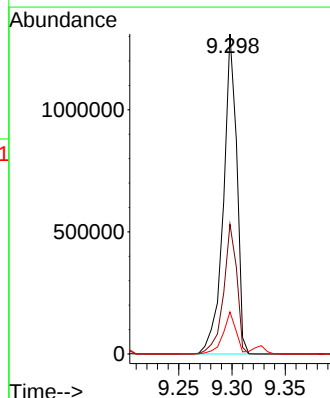
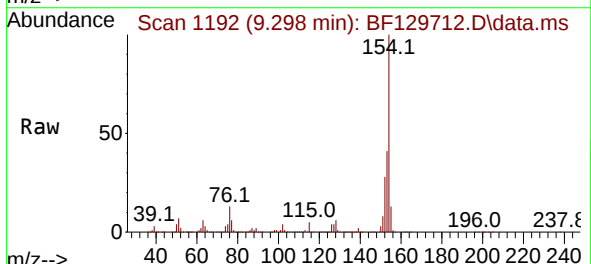
Tgt Ion:154 Resp: 1138133

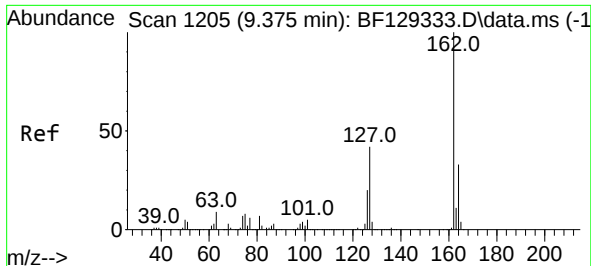
Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

76 13.1 0.0 33.3

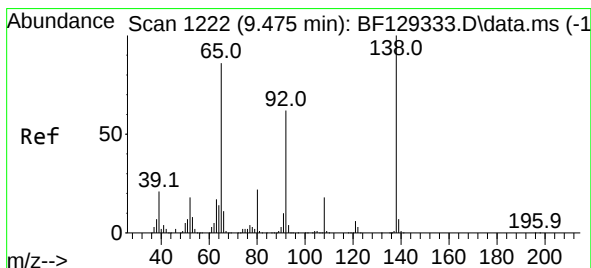
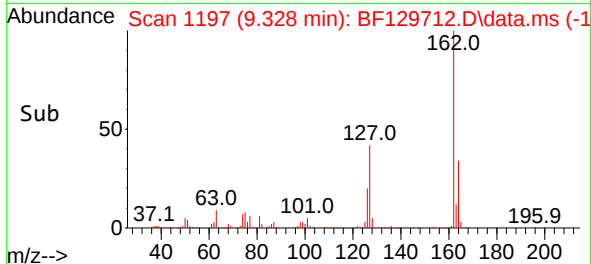
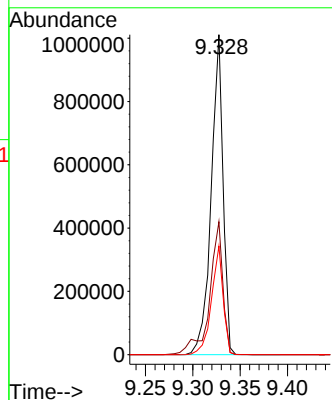
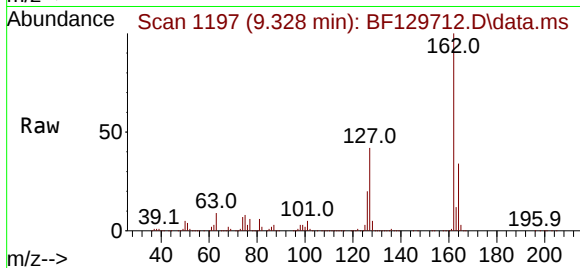




#47
2-Chloronaphthalene
Concen: 39.339 ng
RT: 9.328 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

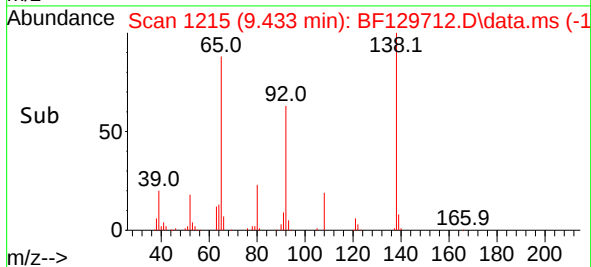
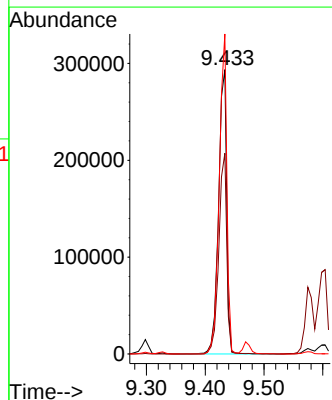
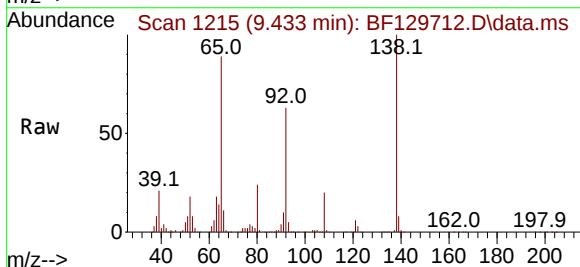
Instrument :
BNA_F
ClientSampleId :
PB146816BS

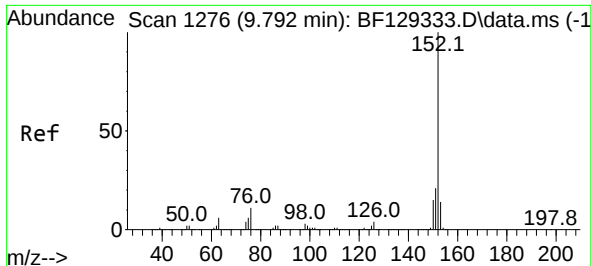
Tgt Ion:162 Resp: 882627
Ion Ratio Lower Upper
162 100
127 41.5 34.5 51.7
164 34.0 26.5 39.7



#48
2-Nitroaniline
Concen: 37.660 ng
RT: 9.433 min Scan# 1215
Delta R.T. 0.006 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion: 65 Resp: 280962
Ion Ratio Lower Upper
65 100
92 70.6 51.9 77.9
138 112.6 76.4 114.6





#49

Acenaphthylene

Concen: 38.992 ng

RT: 9.745 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

Instrument :

BNA_F

ClientSampleId :

PB146816BS

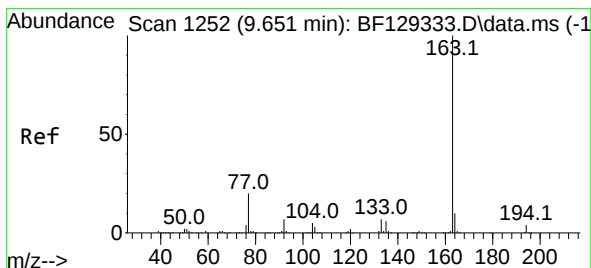
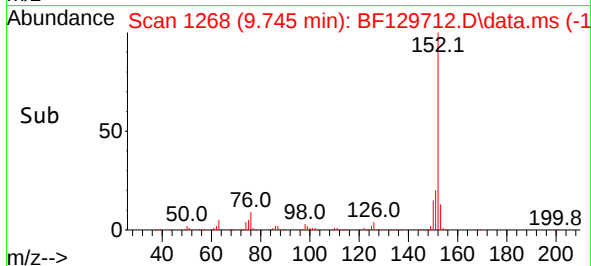
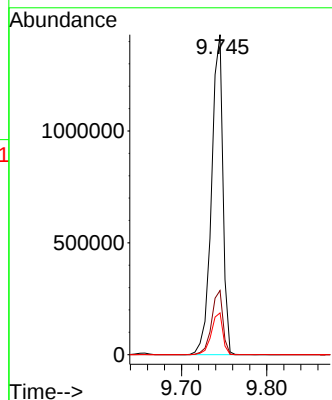
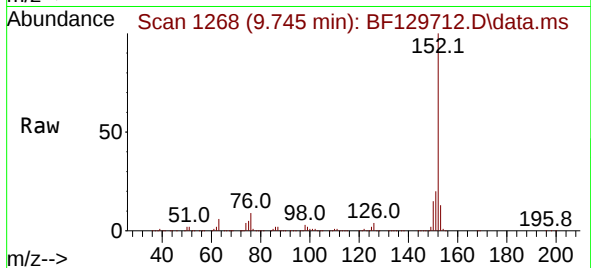
Tgt Ion:152 Resp: 1329317

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 13.1 10.7 16.1



#50

Dimethylphthalate

Concen: 40.520 ng

RT: 9.604 min Scan# 1244

Delta R.T. 0.006 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

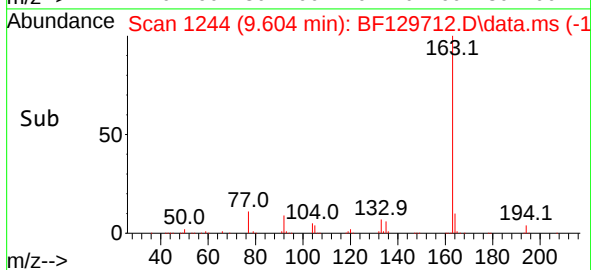
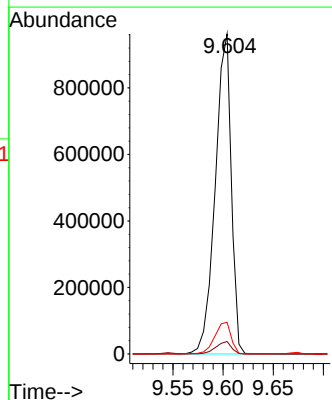
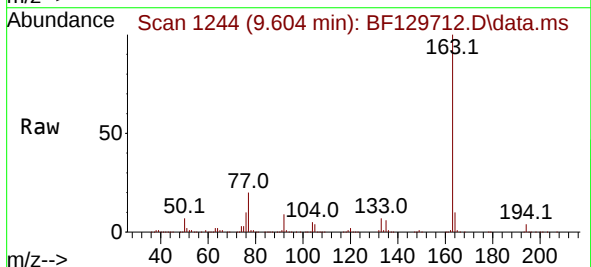
Tgt Ion:163 Resp: 1063770

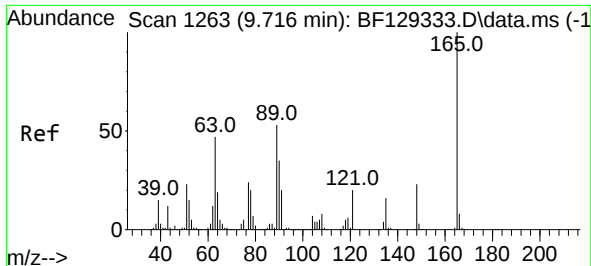
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 9.9 8.2 12.2

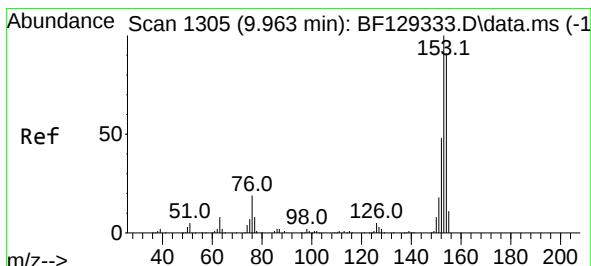
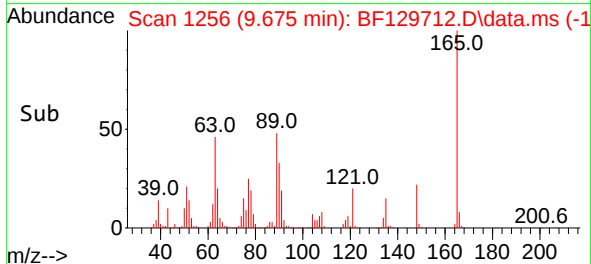
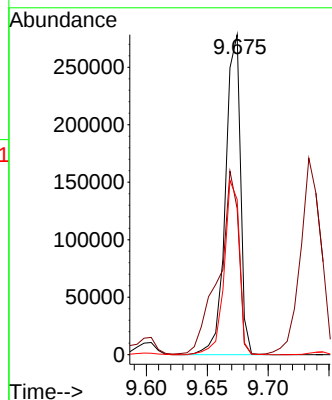
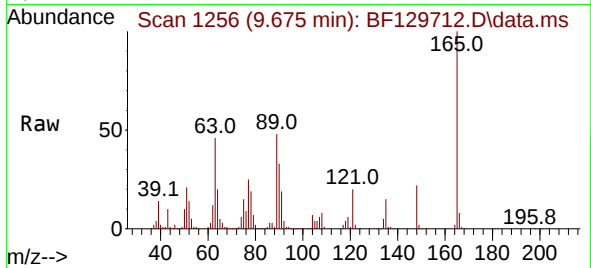




#51
2,6-Dinitrotoluene
Concen: 40.630 ng
RT: 9.675 min Scan# 1256
Delta R.T. 0.006 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

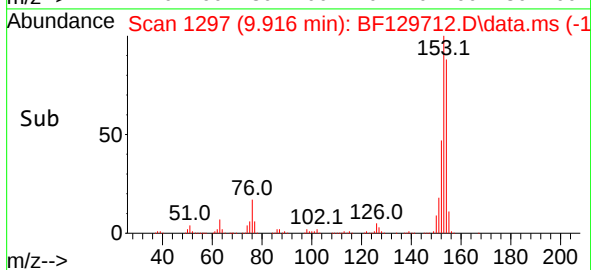
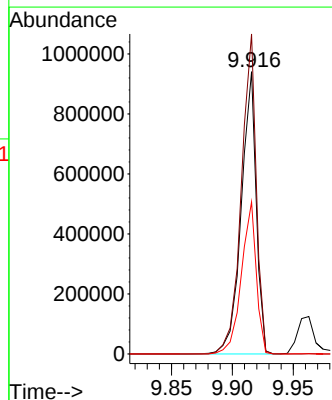
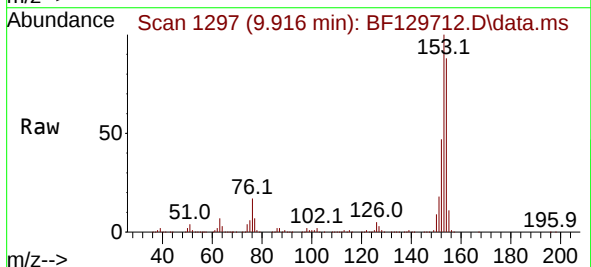
Instrument :
BNA_F
ClientSampleId :
PB146816BS

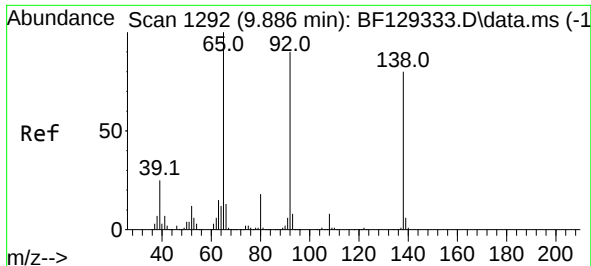
Tgt Ion:165 Resp: 238741
Ion Ratio Lower Upper
165 100
63 45.6 44.9 67.3
89 48.5 43.6 65.4



#52
Acenaphthene
Concen: 36.049 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion:154 Resp: 802701
Ion Ratio Lower Upper
154 100
153 113.4 89.6 134.4
152 53.9 42.4 63.6

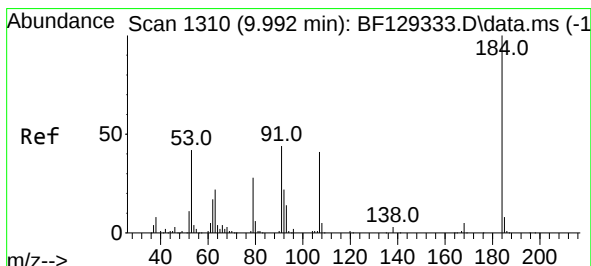
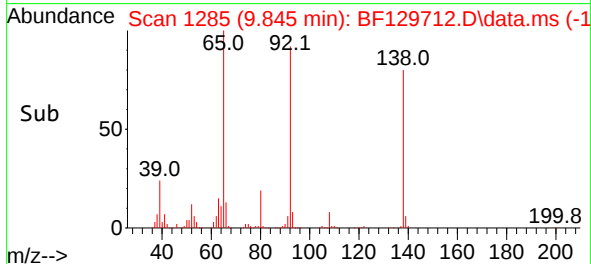
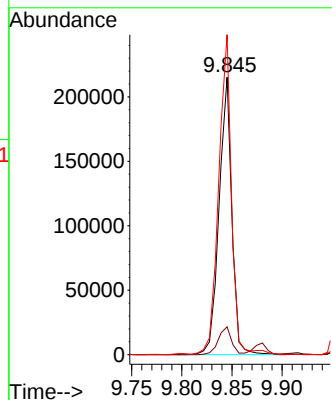
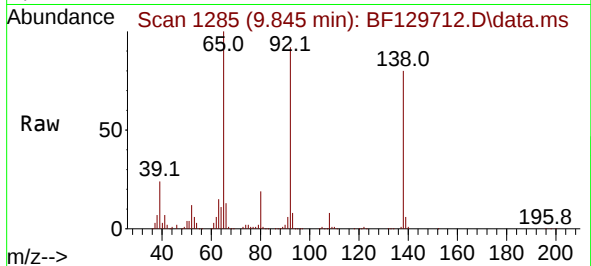




#53
3-Nitroaniline
Concen: 27.419 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

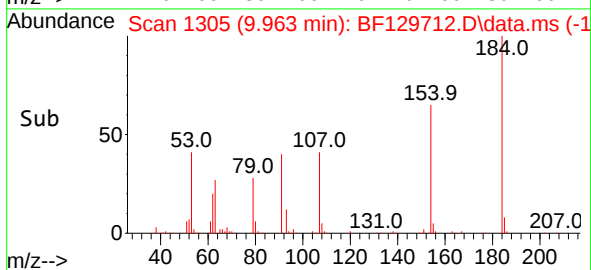
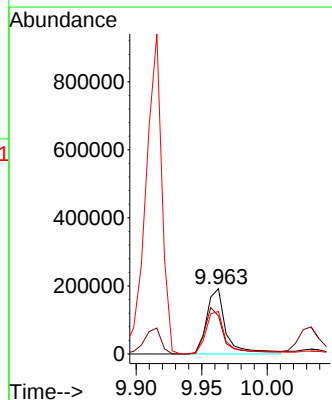
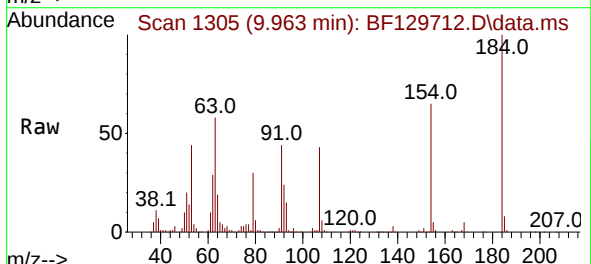
Instrument :
BNA_F
ClientSampleId :
PB146816BS

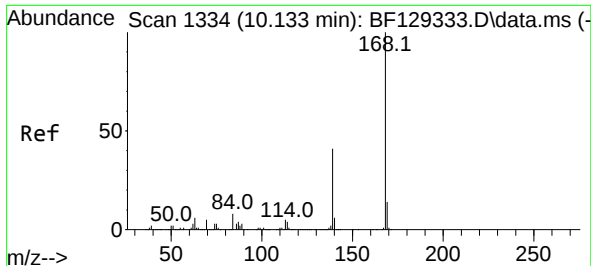
Tgt Ion:138 Resp: 190249
Ion Ratio Lower Upper
138 100
108 10.0 10.9 16.3#
92 115.3 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 65.813 ng
RT: 9.963 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion:184 Resp: 197415
Ion Ratio Lower Upper
184 100
63 58.4 64.5 96.7#
154 65.0 50.6 75.8

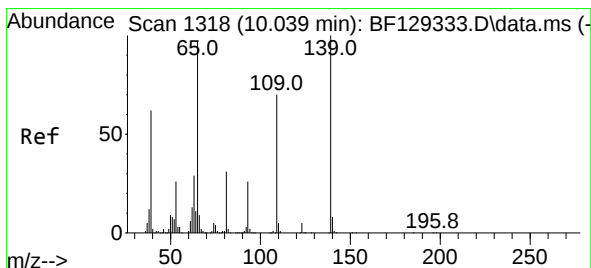
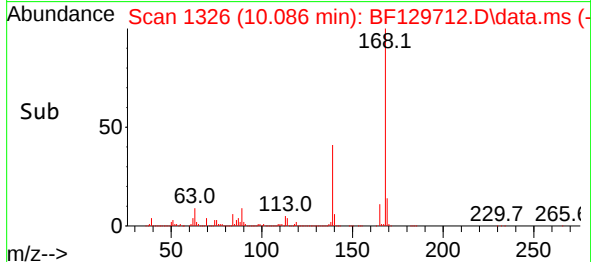
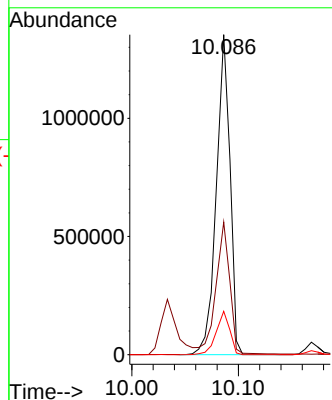
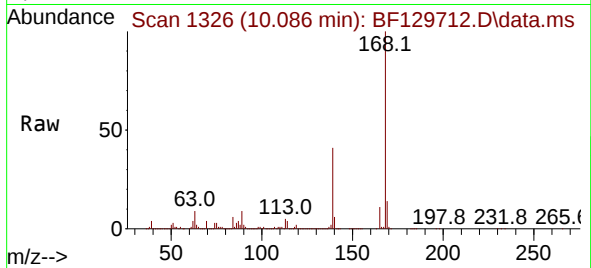




#55
Dibenzofuran
Concen: 39.229 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

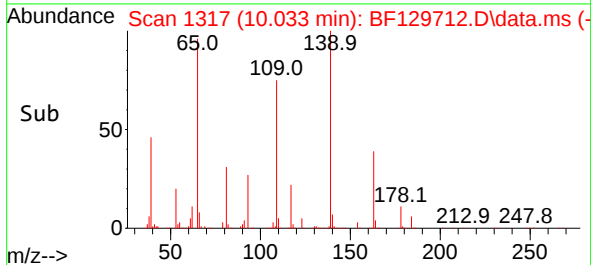
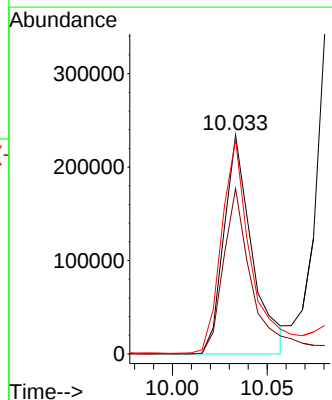
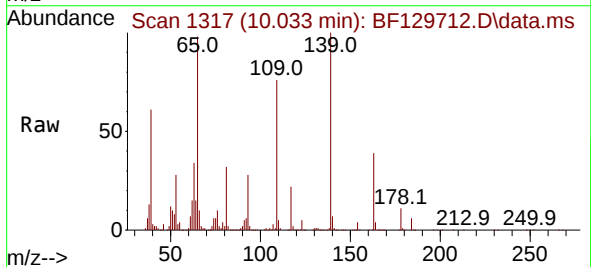
Instrument :
BNA_F
ClientSampleId :
PB146816BS

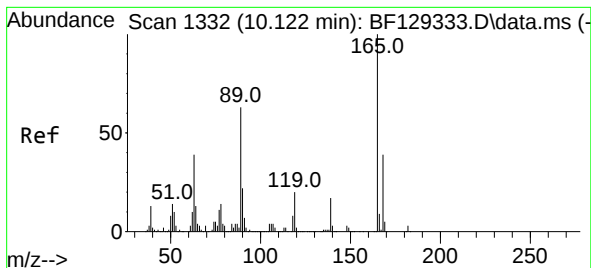
Tgt Ion:168 Resp: 1204139
Ion Ratio Lower Upper
168 100
139 41.4 30.6 46.0
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 47.207 ng
RT: 10.033 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion:139 Resp: 241647
Ion Ratio Lower Upper
139 100
109 75.6 50.7 90.7
65 98.1 74.5 114.5

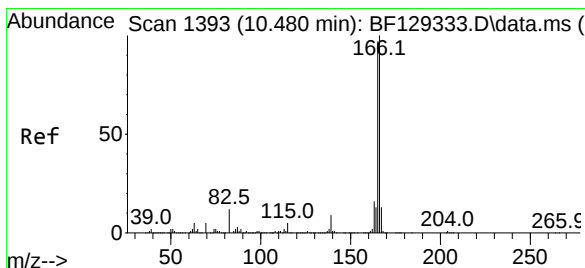
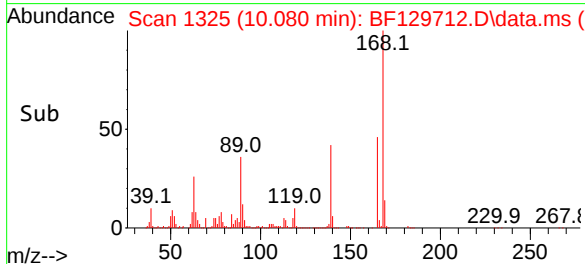
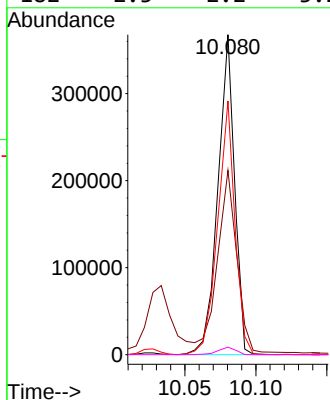
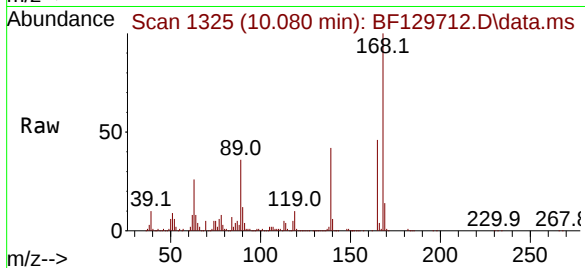




#57
2,4-Dinitrotoluene
Concen: 39.147 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

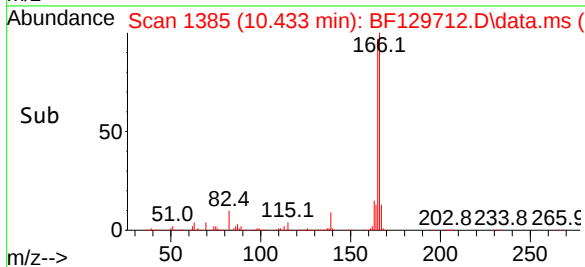
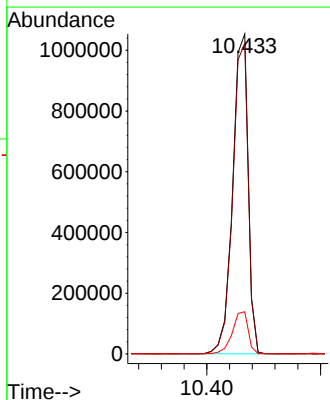
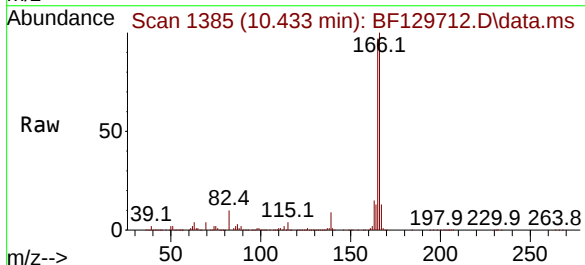
Instrument :
BNA_F
ClientSampleId :
PB146816BS

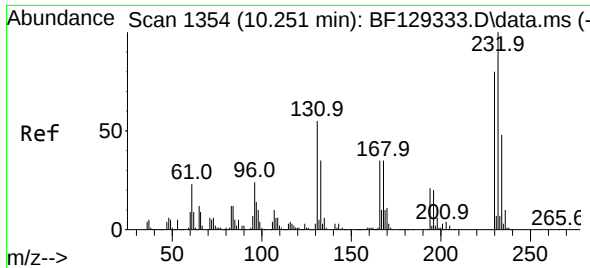
Tgt Ion:165 Resp: 300490
Ion Ratio Lower Upper
165 100
63 57.6 39.8 59.6
89 79.3 60.2 90.2
182 2.3 2.2 3.2



#58
Fluorene
Concen: 40.472 ng
RT: 10.433 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion:166 Resp: 993996
Ion Ratio Lower Upper
166 100
165 97.1 78.1 117.1
167 13.2 10.5 15.7

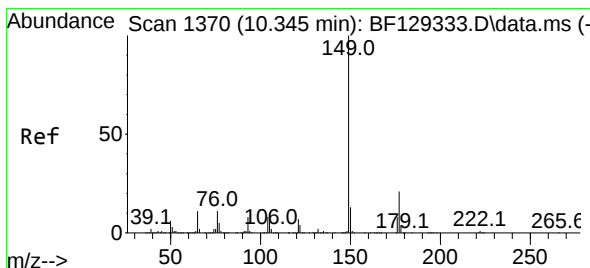
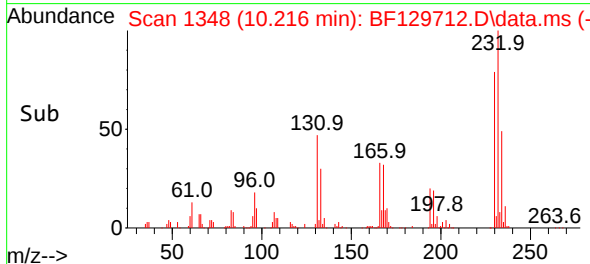
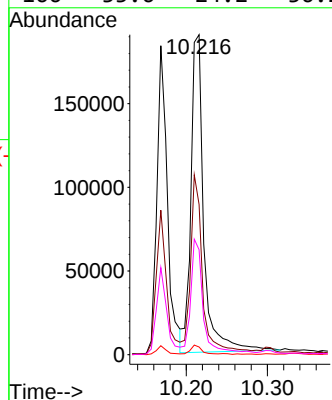
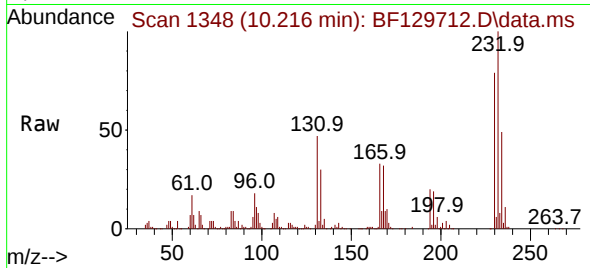




#59
2,3,4,6-Tetrachlorophenol
Concen: 34.515 ng
RT: 10.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

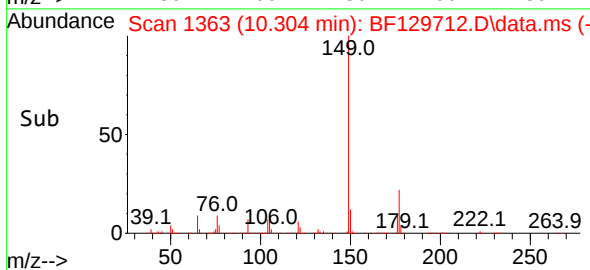
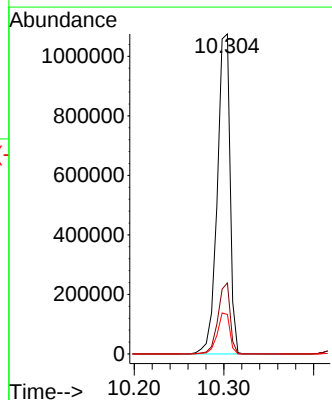
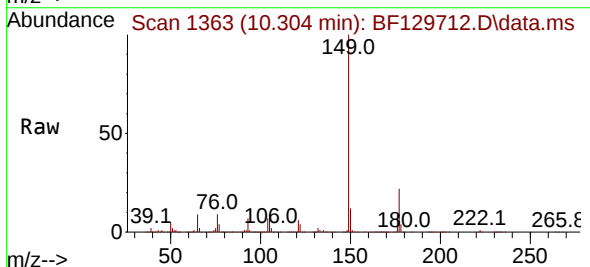
Instrument :
BNA_F
ClientSampleId :
PB146816BS

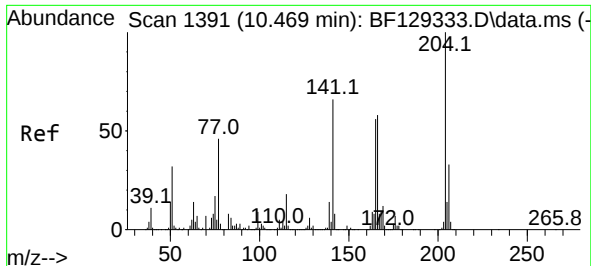
Tgt Ion:232 Resp: 210376
Ion Ratio Lower Upper
232 100
131 49.4 36.1 54.1
130 2.2 1.8 2.8
166 33.6 24.2 36.2



#60
Diethylphthalate
Concen: 41.792 ng
RT: 10.304 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion:149 Resp: 1060608
Ion Ratio Lower Upper
149 100
177 22.2 17.3 25.9
150 12.4 10.2 15.2

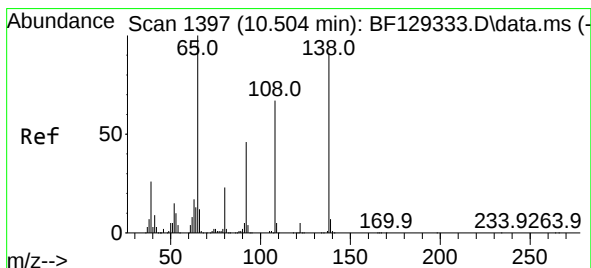
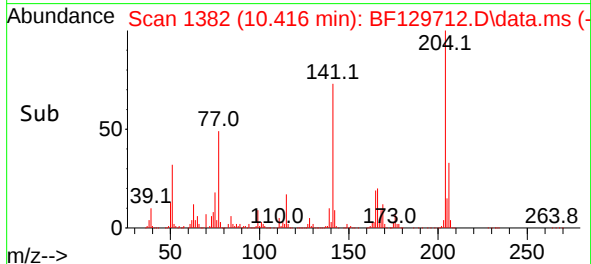
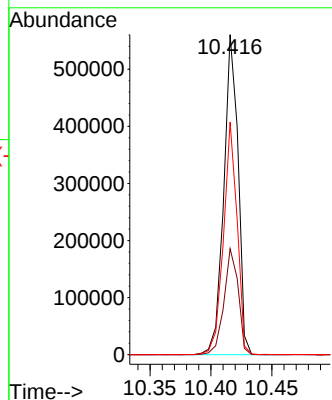
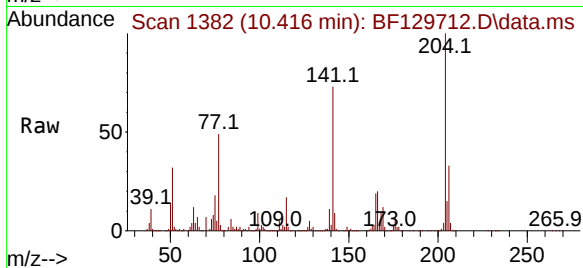




#61
4-Chlorophenyl-phenylether
Concen: 42.446 ng
RT: 10.416 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

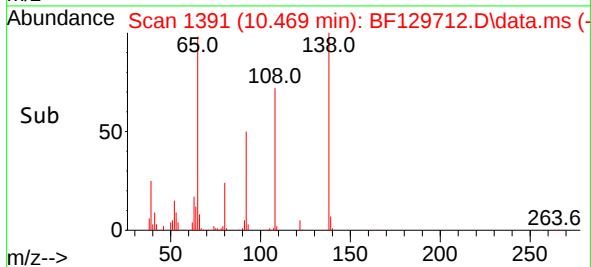
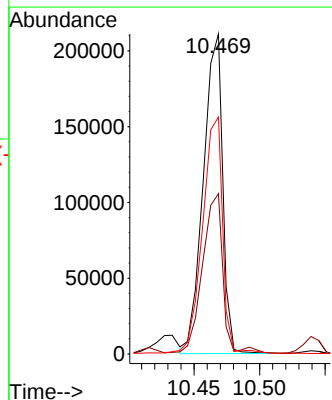
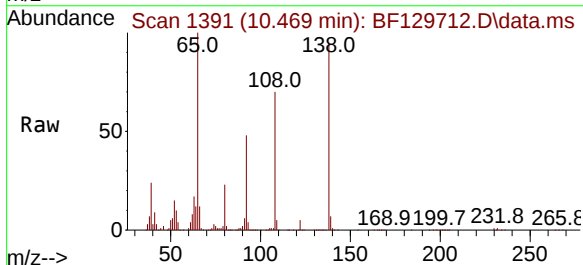
Instrument :
BNA_F
ClientSampleId :
PB146816BS

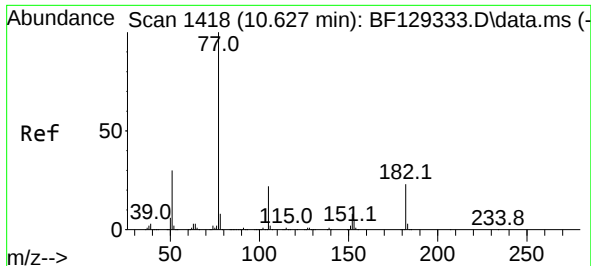
Tgt Ion:204 Resp: 459590
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 72.7 47.0 70.4#



#62
4-Nitroaniline
Concen: 31.560 ng
RT: 10.469 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion:138 Resp: 217228
Ion Ratio Lower Upper
138 100
92 50.1 33.5 73.5
108 74.1 61.0 101.0

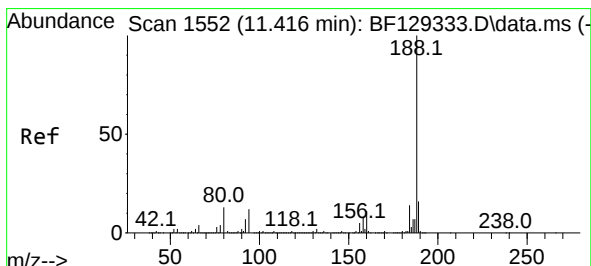
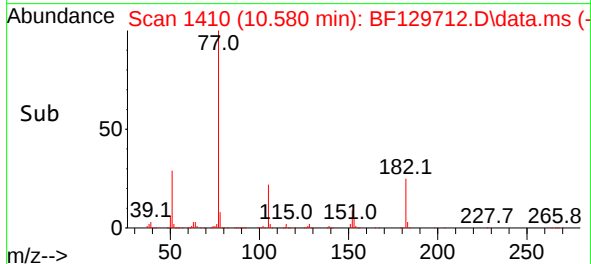
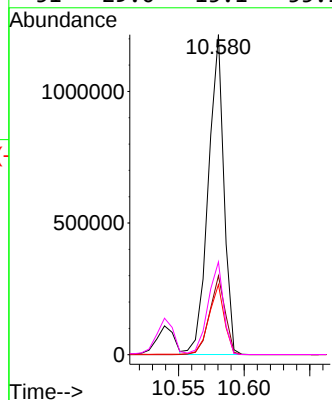
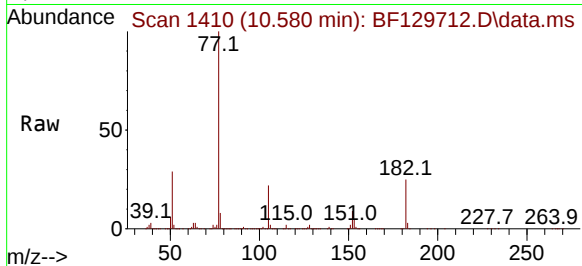




#63
Azobenzene
Concen: 38.859 ng
RT: 10.580 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

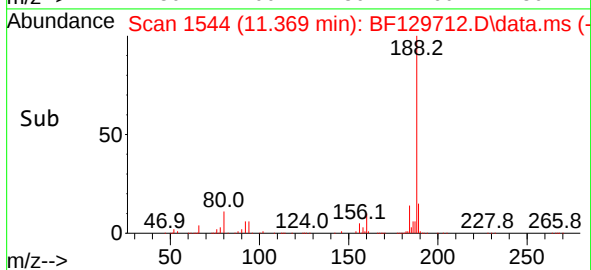
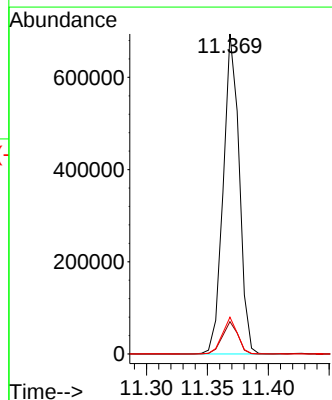
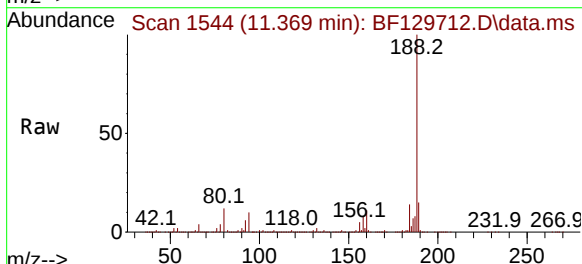
Instrument :
BNA_F
ClientSampleId :
PB146816BS

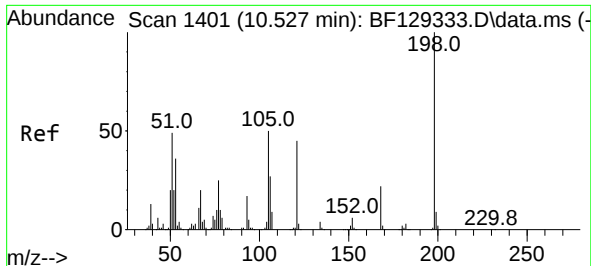
Tgt Ion: 77 Resp: 1005870
Ion Ratio Lower Upper
77 100
182 24.6 5.6 45.6
105 21.9 1.6 41.6
51 29.0 15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion: 188 Resp: 634290
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 11.5 7.6 11.4#

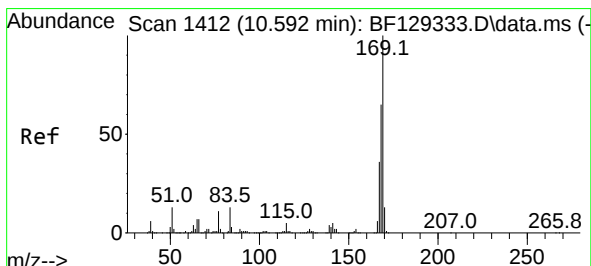
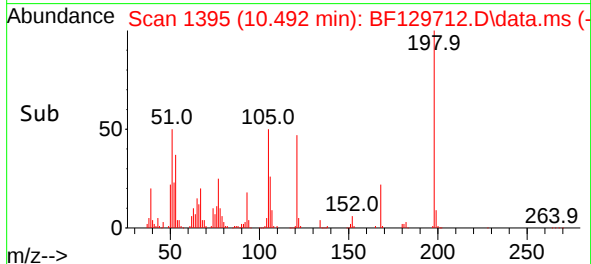
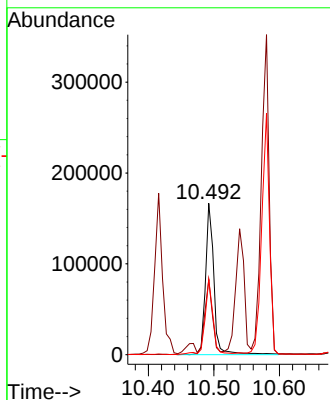
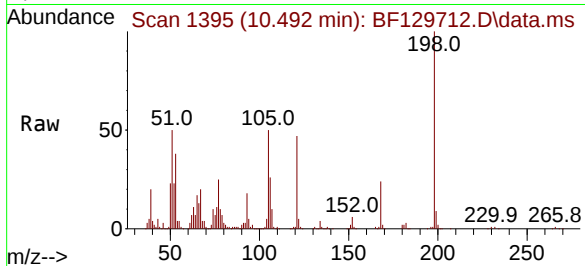




#65
4,6-Dinitro-2-methylphenol
Concen: 37.087 ng
RT: 10.492 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

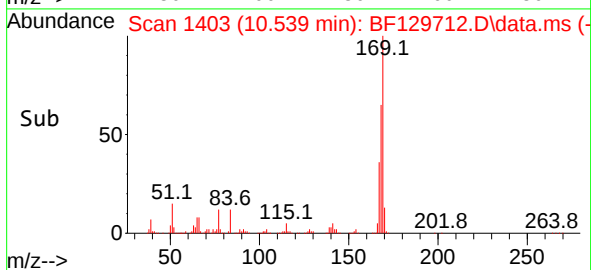
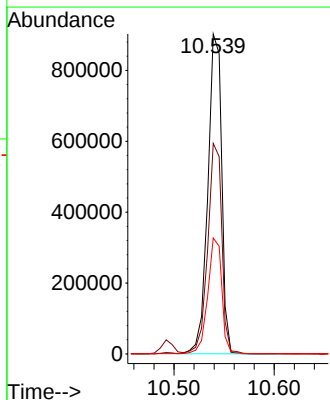
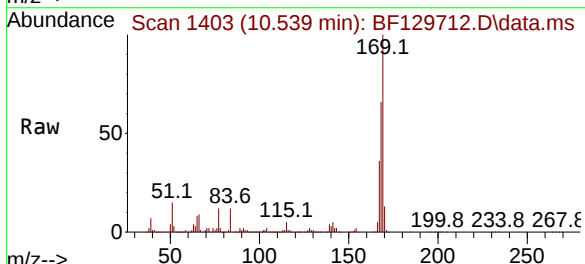
Instrument :
BNA_F
ClientSampleId :
PB146816BS

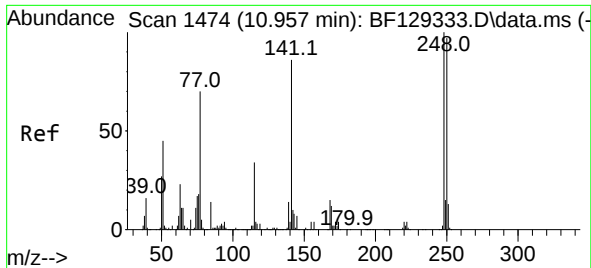
Tgt Ion:198 Resp: 148479
Ion Ratio Lower Upper
198 100
51 49.6 37.6 77.6
105 49.8 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 41.173 ng
RT: 10.539 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion:169 Resp: 869718
Ion Ratio Lower Upper
169 100
168 65.8 50.1 75.1
167 36.2 27.9 41.9

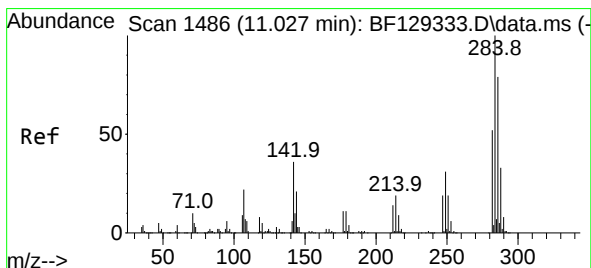
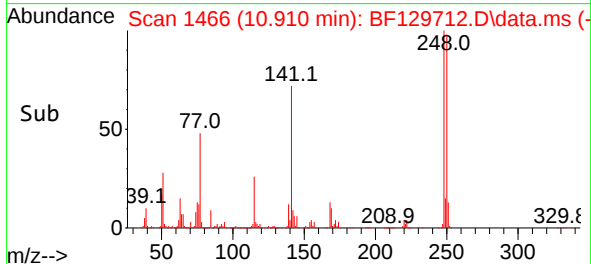
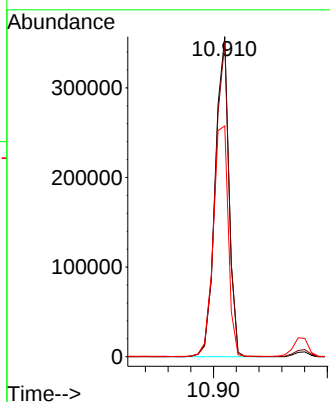
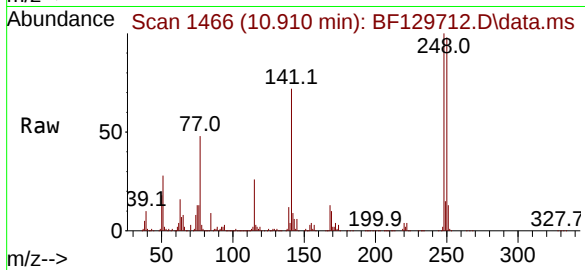




#67
4-Bromophenyl-phenylether
Concen: 43.231 ng
RT: 10.910 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

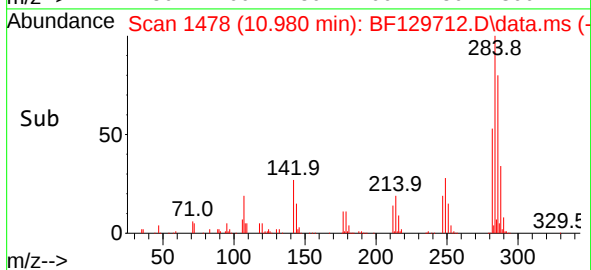
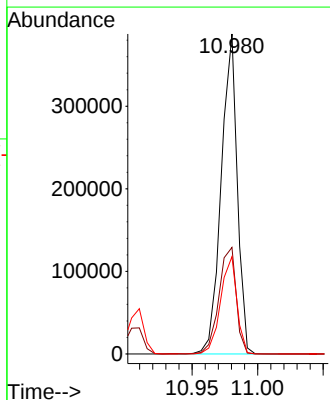
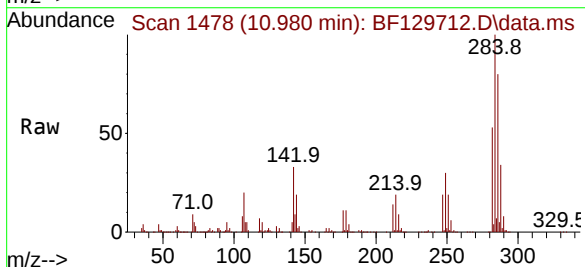
Instrument :
BNA_F
ClientSampleId :
PB146816BS

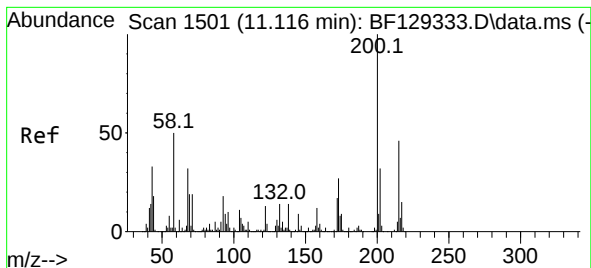
Tgt Ion:248 Resp: 300269
Ion Ratio Lower Upper
248 100
250 98.3 80.6 120.8
141 72.1 58.9 88.3



#68
Hexachlorobenzene
Concen: 43.717 ng
RT: 10.980 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion:284 Resp: 329005
Ion Ratio Lower Upper
284 100
142 33.3 29.0 43.4
249 30.4 25.0 37.6





#69

Atrazine

Concen: 46.141 ng

RT: 11.074 min Scan# 1494

Delta R.T. 0.006 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

Instrument :

BNA_F

ClientSampleId :

PB146816BS

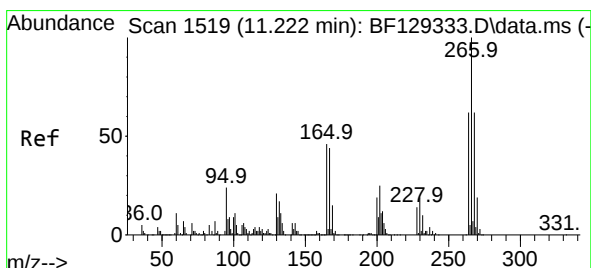
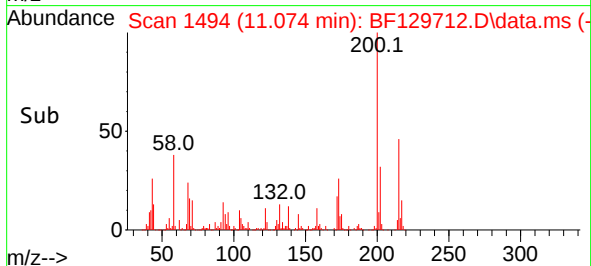
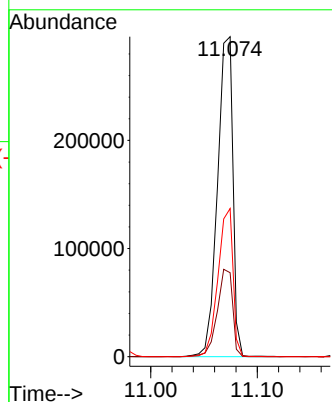
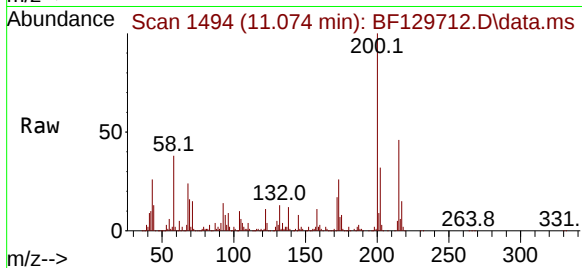
Tgt Ion:200 Resp: 296045

Ion Ratio Lower Upper

200 100

173 26.3 6.3 46.3

215 46.3 28.3 68.3



#70

Pentachlorophenol

Concen: 70.416 ng

RT: 11.186 min Scan# 1513

Delta R.T. 0.006 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

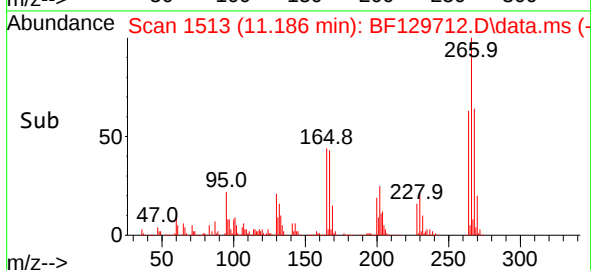
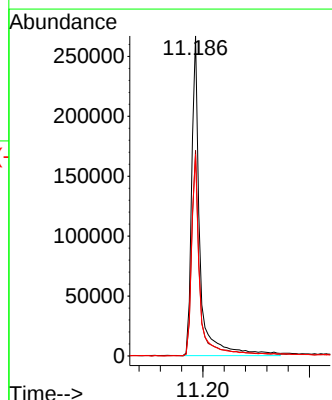
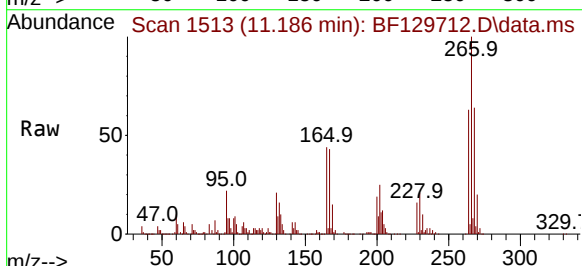
Tgt Ion:266 Resp: 288090

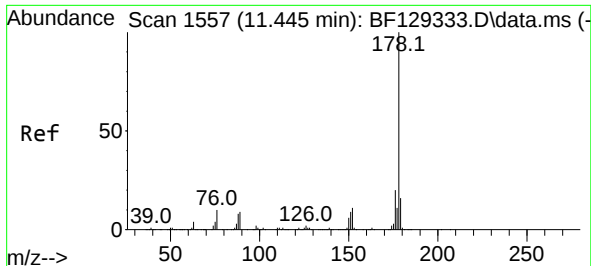
Ion Ratio Lower Upper

266 100

268 64.2 51.0 76.4

264 63.0 49.4 74.2

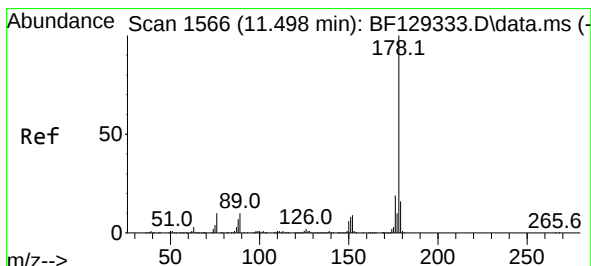
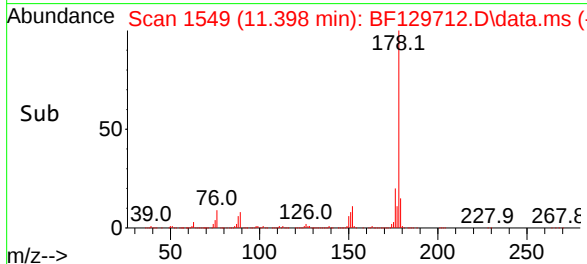
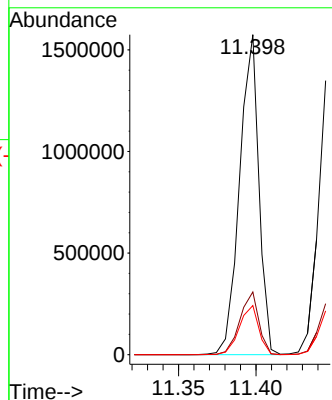
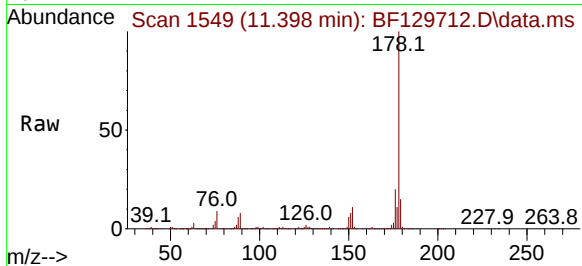




#71
Phenanthrene
Concen: 39.329 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

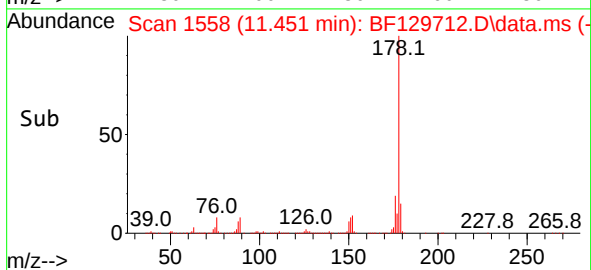
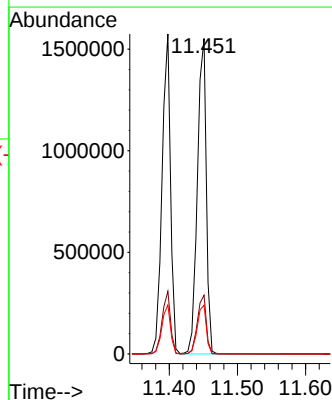
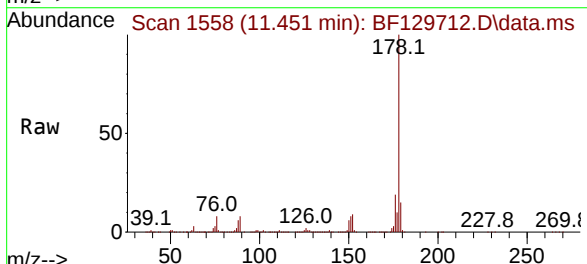
Instrument :
BNA_F
ClientSampleId :
PB146816BS

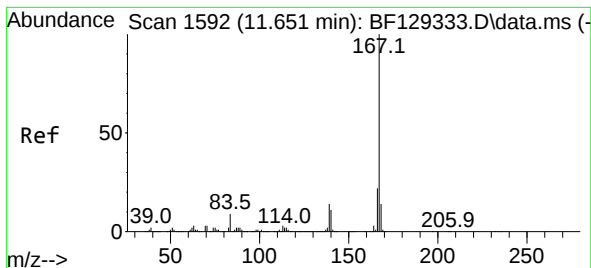
Tgt Ion:178 Resp: 1361738
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.3 12.6 19.0



#72
Anthracene
Concen: 41.125 ng
RT: 11.451 min Scan# 1558
Delta R.T. 0.006 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion:178 Resp: 1399296
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.5 12.6 19.0





#73

Carbazole

Concen: 39.332 ng

RT: 11.610 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

Instrument :

BNA_F

ClientSampleId :

PB146816BS

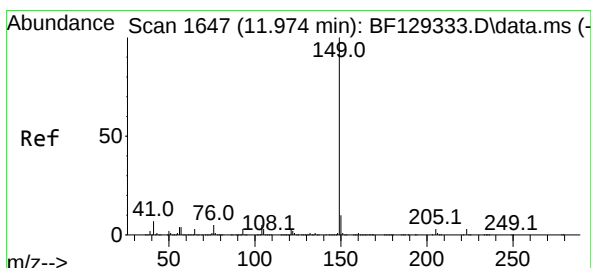
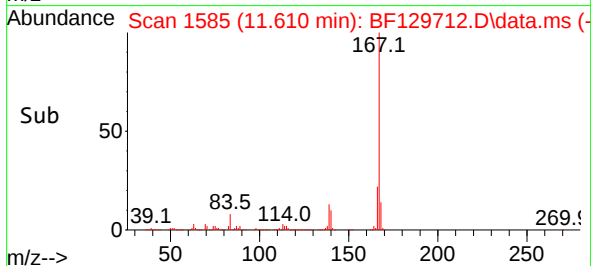
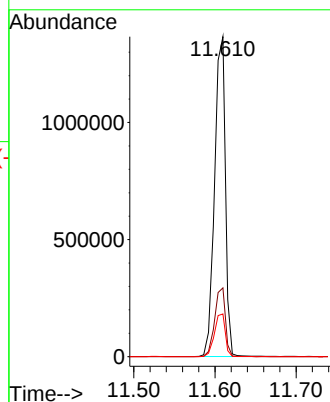
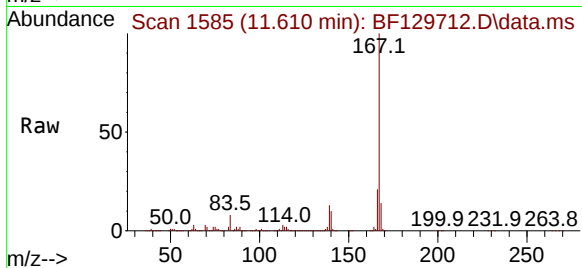
Tgt Ion:167 Resp: 1259805

Ion Ratio Lower Upper

167 100

166 21.5 17.7 26.5

139 13.4 11.2 16.8



#74

Di-n-butylphthalate

Concen: 44.029 ng

RT: 11.921 min Scan# 1638

Delta R.T. -0.000 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

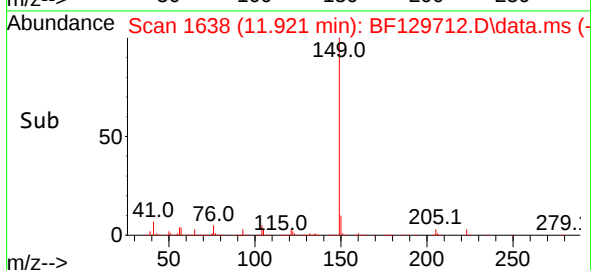
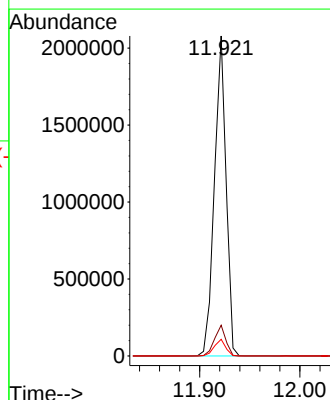
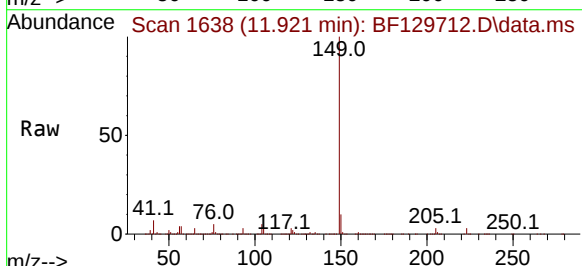
Tgt Ion:149 Resp: 1679418

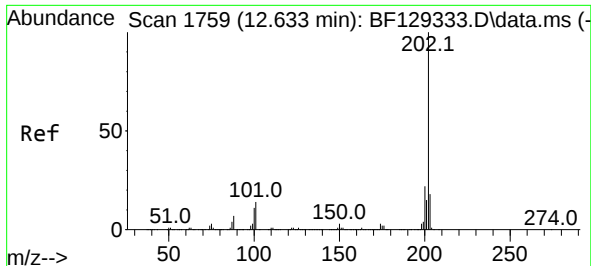
Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

104 5.2 4.4 6.6

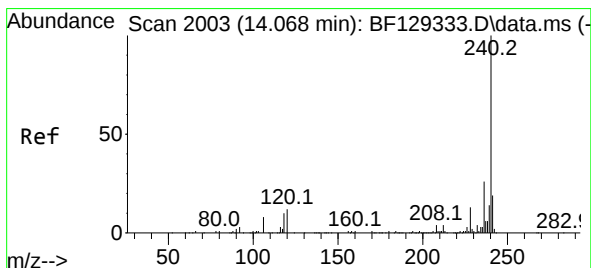
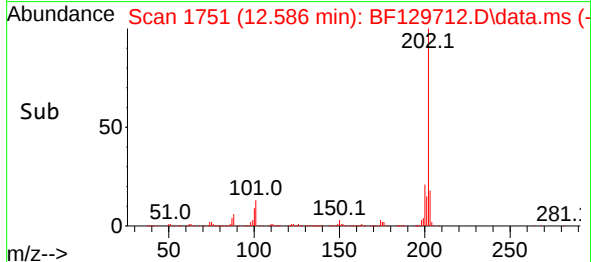
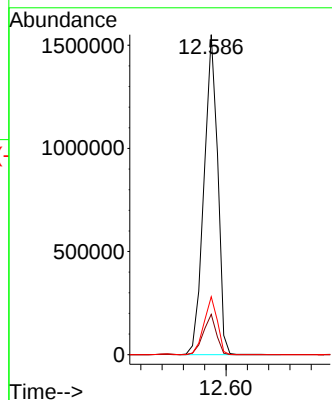
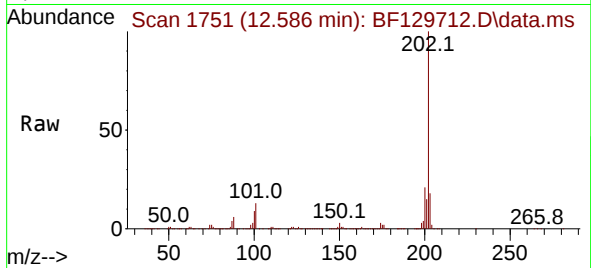




#75
Fluoranthene
Concen: 39.518 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

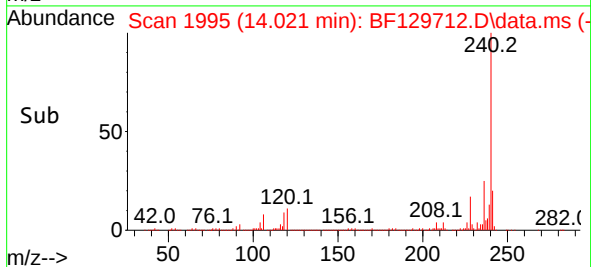
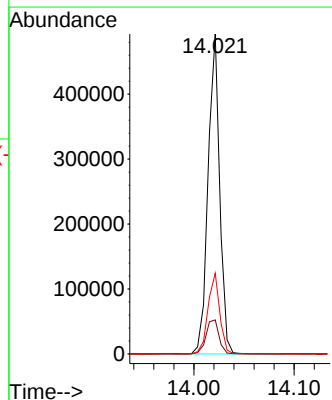
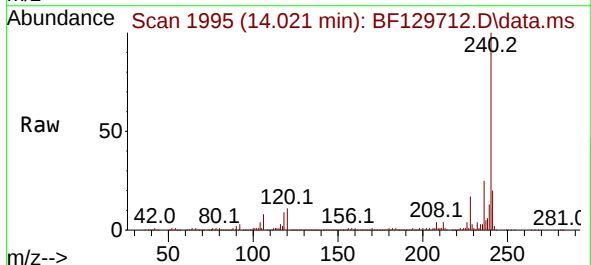
Instrument :
BNA_F
ClientSampleId :
PB146816BS

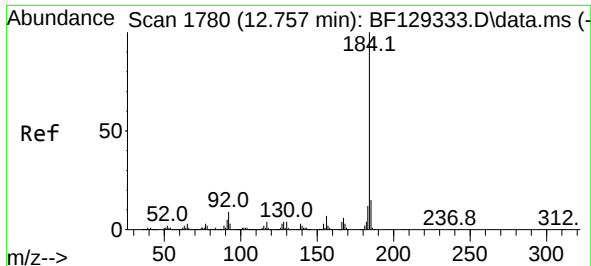
Tgt Ion:202 Resp: 1386386
Ion Ratio Lower Upper
202 100
101 12.6 0.0 31.4
203 18.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion:240 Resp: 398354
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.2 20.8 31.2

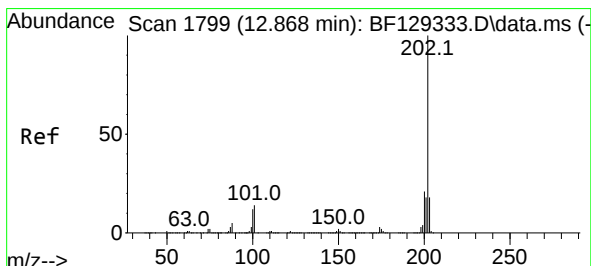
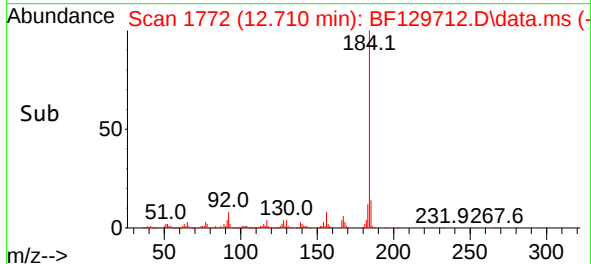
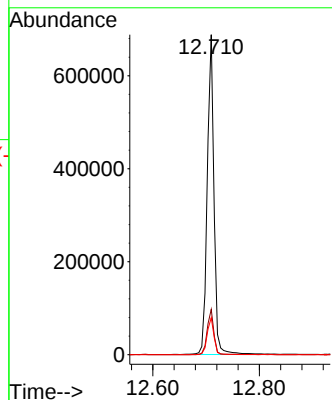
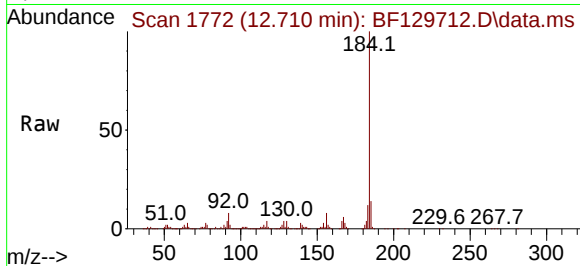




#77
Benzidine
Concen: 42.599 ng
RT: 12.710 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

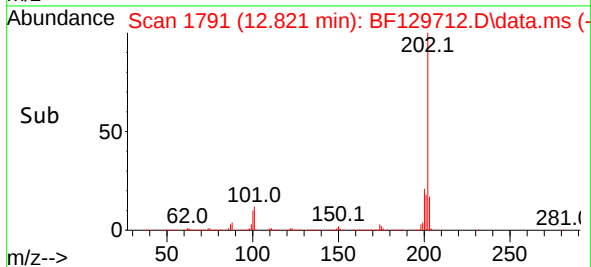
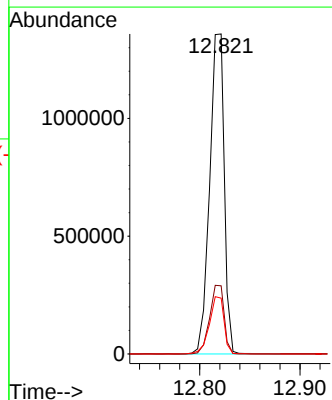
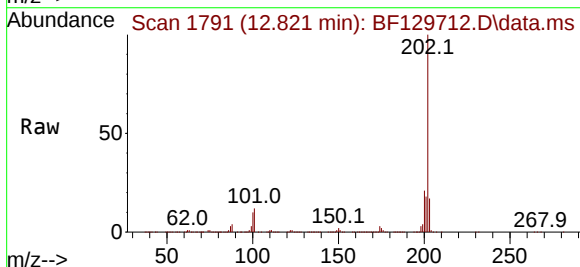
Instrument :
BNA_F
ClientSampleId :
PB146816BS

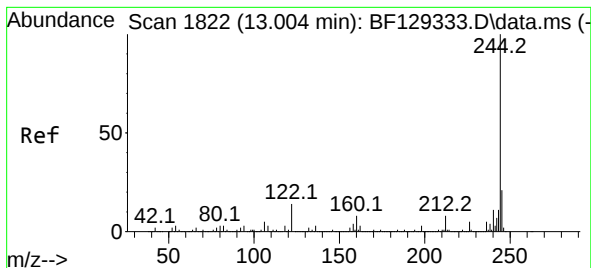
Tgt Ion:184 Resp: 599490
Ion Ratio Lower Upper
184 100
185 14.2 11.9 17.9
183 11.6 9.3 13.9



#78
Pyrene
Concen: 41.353 ng
RT: 12.821 min Scan# 1791
Delta R.T. 0.006 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion:202 Resp: 1377531
Ion Ratio Lower Upper
202 100
200 21.3 17.7 26.5
203 17.5 14.6 21.8





#79

Terphenyl-d14

Concen: 91.209 ng

RT: 12.957 min Scan# 1814

Delta R.T. -0.000 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

Instrument :

BNA_F

ClientSampleId :

PB146816BS

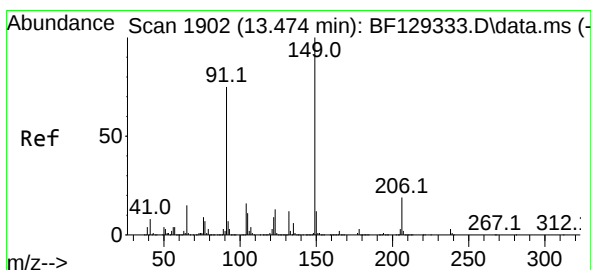
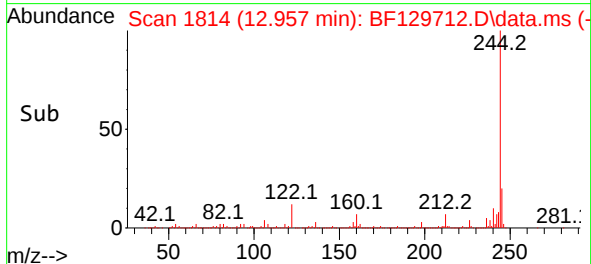
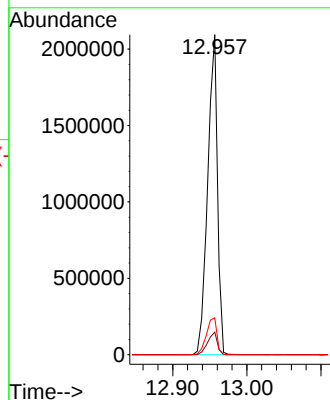
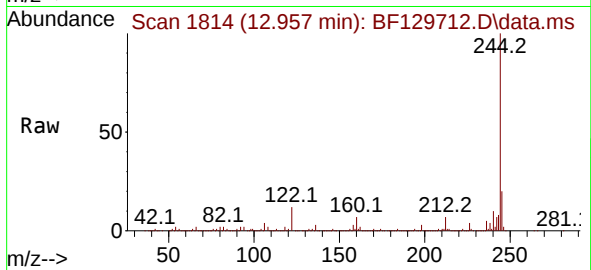
Tgt Ion:244 Resp: 1925885

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 11.6 8.8 13.2



#80

Butylbenzylphthalate

Concen: 44.673 ng

RT: 13.427 min Scan# 1894

Delta R.T. 0.006 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

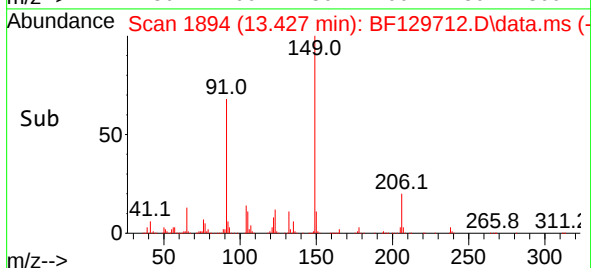
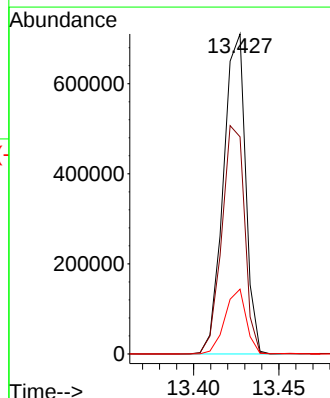
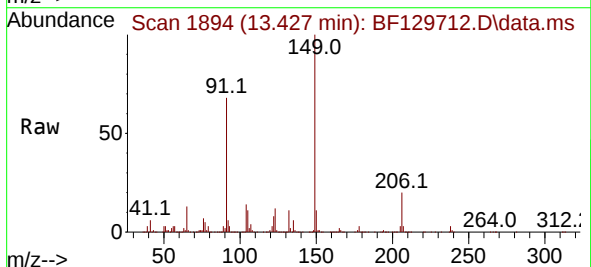
Tgt Ion:149 Resp: 645468

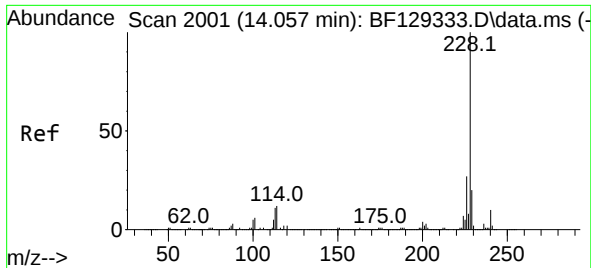
Ion Ratio Lower Upper

149 100

91 67.9 61.2 91.8

206 20.2 15.7 23.5

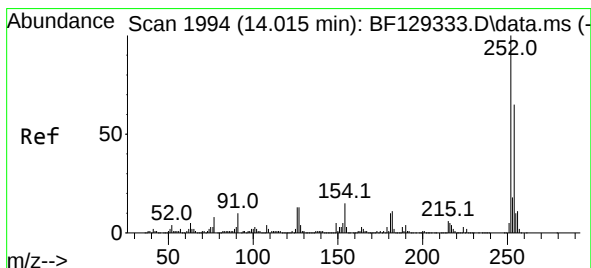
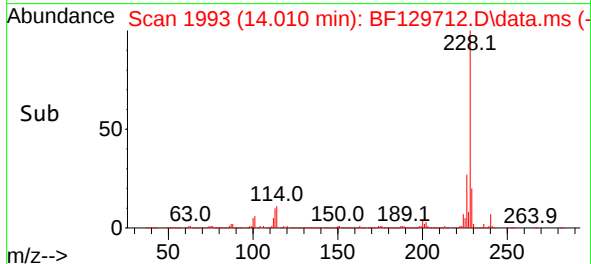
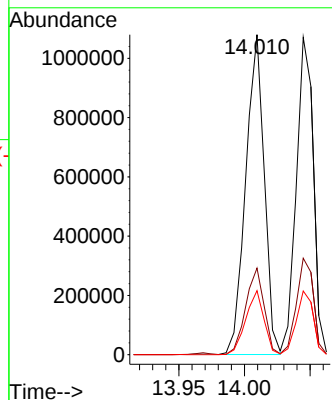
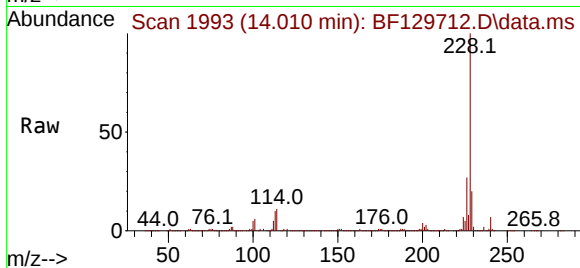




#81
Benzo(a)anthracene
Concen: 39.069 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

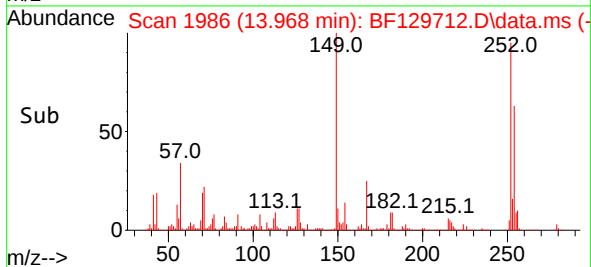
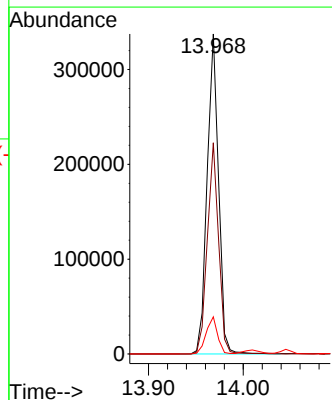
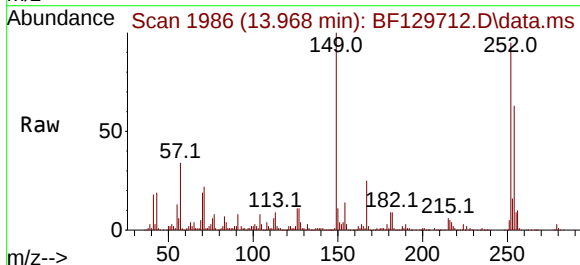
Instrument :
BNA_F
ClientSampleId :
PB146816BS

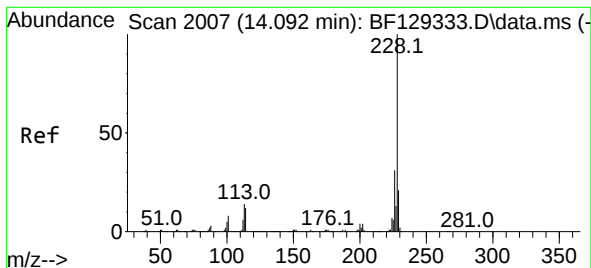
Tgt Ion:228 Resp: 1063122
Ion Ratio Lower Upper
228 100
226 27.0 22.1 33.1
229 20.0 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 31.305 ng
RT: 13.968 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion:252 Resp: 281253
Ion Ratio Lower Upper
252 100
254 66.0 50.2 75.4
126 11.6 8.2 12.4





#83

Chrysene

Concen: 37.524 ng

RT: 14.045 min Scan# 1999

Delta R.T. -0.000 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

Instrument :

BNA_F

ClientSampleId :

PB146816BS

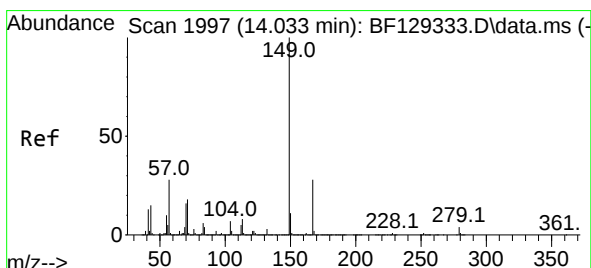
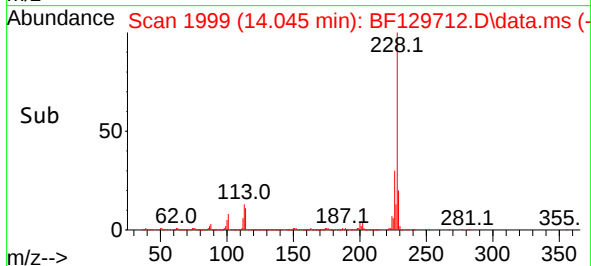
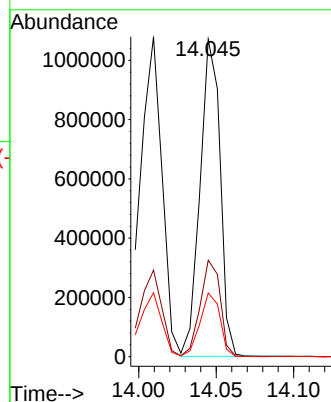
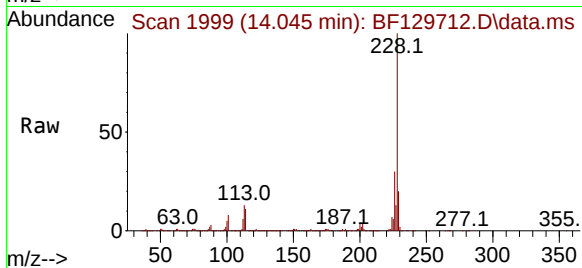
Tgt Ion:228 Resp: 962336

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 20.1 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.791 ng

RT: 13.980 min Scan# 1988

Delta R.T. 0.006 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

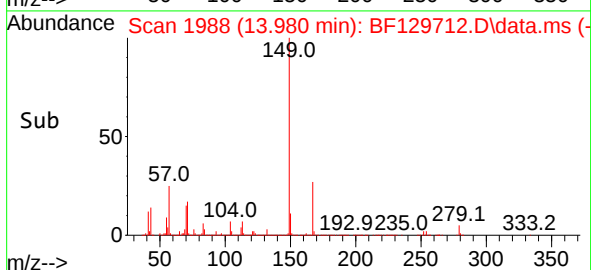
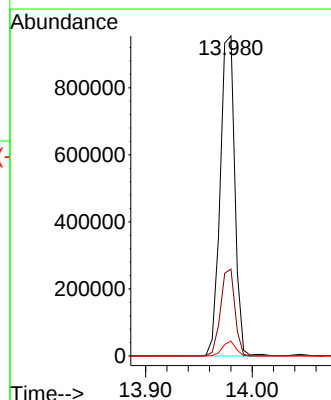
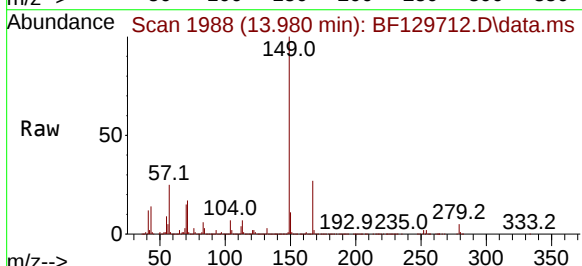
Tgt Ion:149 Resp: 909083

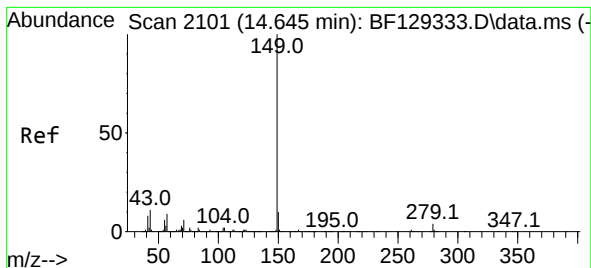
Ion Ratio Lower Upper

149 100

167 27.1 21.0 31.4

279 4.7 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 48.605 ng

RT: 14.592 min Scan# 2092

Delta R.T. -0.000 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

Instrument :

BNA_F

ClientSampleId :

PB146816BS

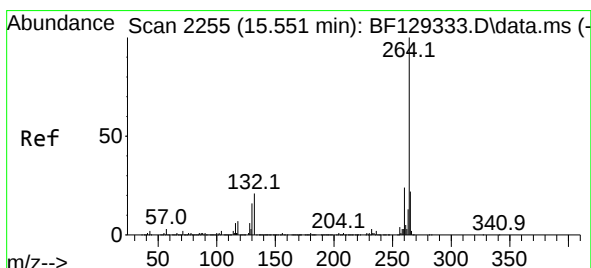
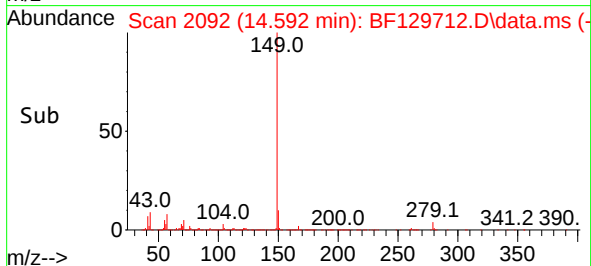
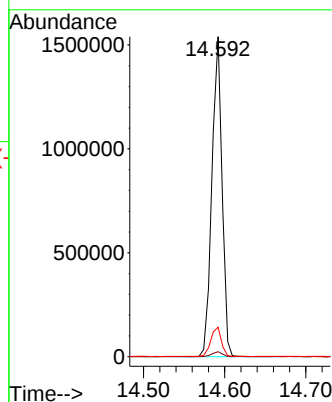
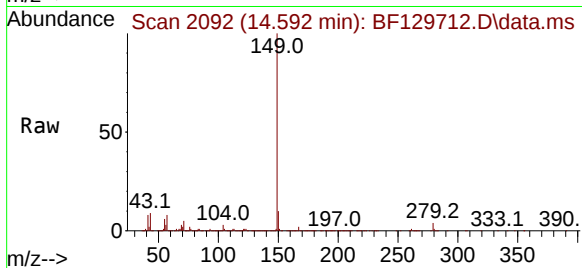
Tgt Ion:149 Resp: 1330493

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.5 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2245

Delta R.T. -0.000 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

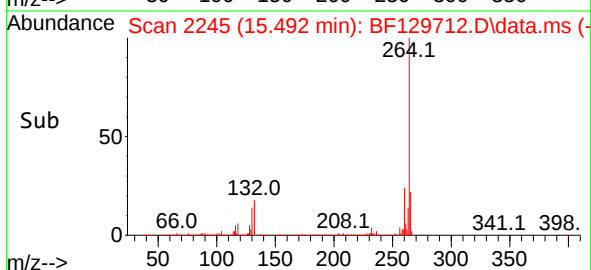
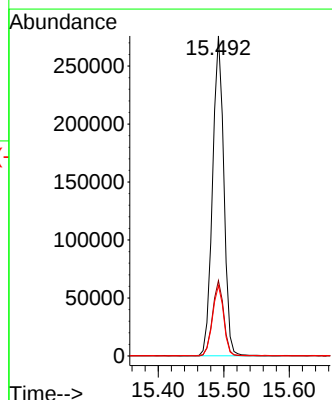
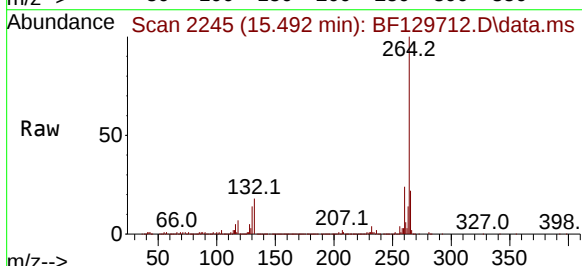
Tgt Ion:264 Resp: 328895

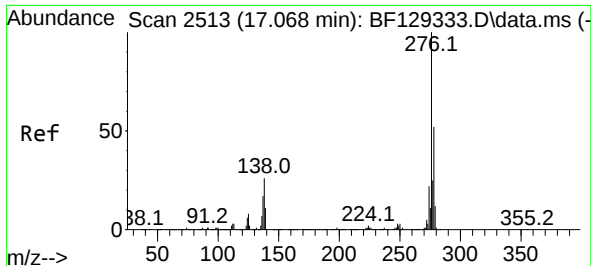
Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 22.0 17.2 25.8

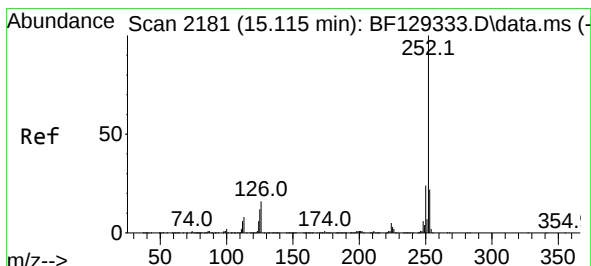
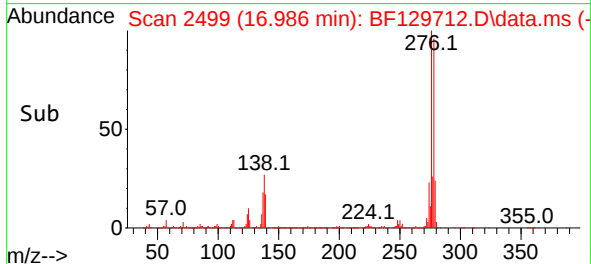
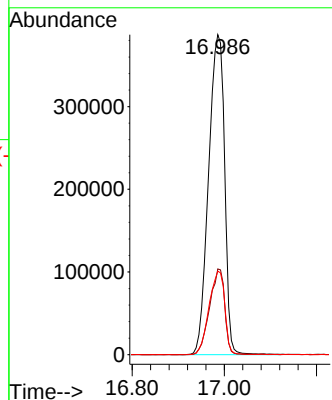
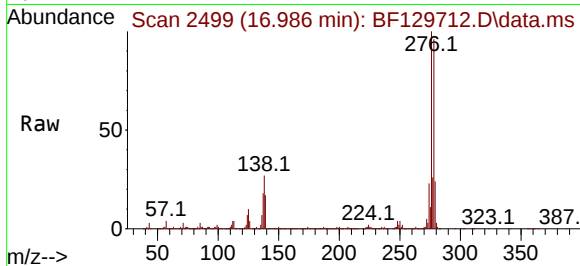




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.291 ng
RT: 16.986 min Scan# 2499
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

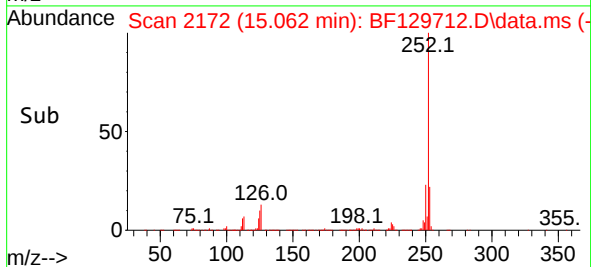
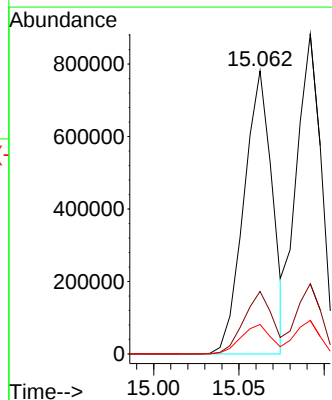
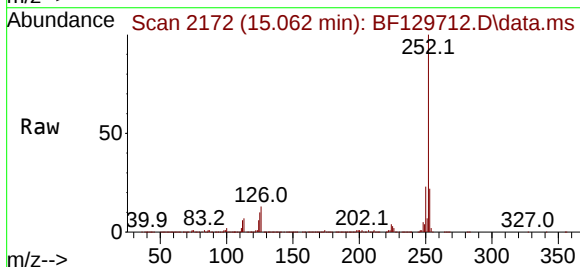
Instrument :
BNA_F
ClientSampleId :
PB146816BS

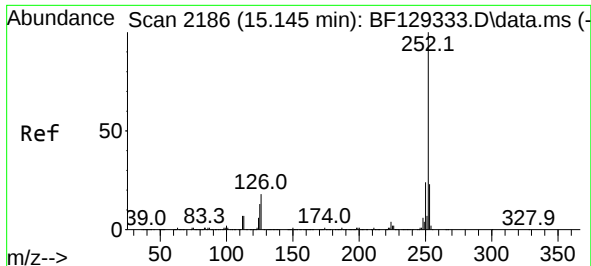
Tgt Ion:276 Resp: 936662
Ion Ratio Lower Upper
276 100
138 25.2 21.1 31.7
277 25.7 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 41.574 ng
RT: 15.062 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion:252 Resp: 906994
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.4 8.0 12.0

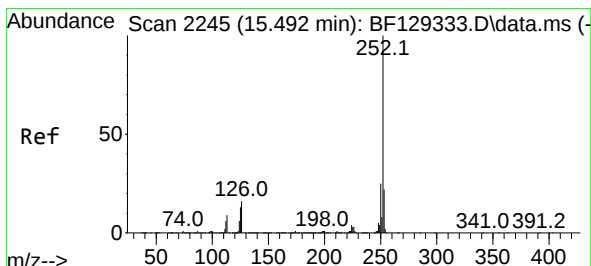
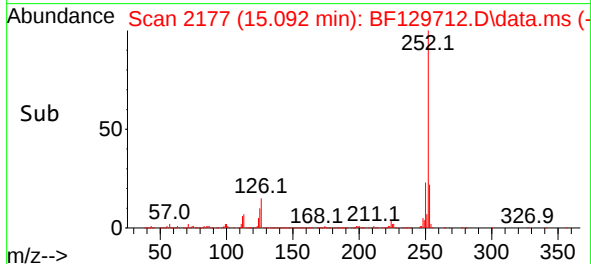
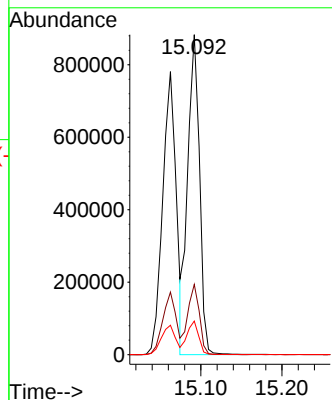
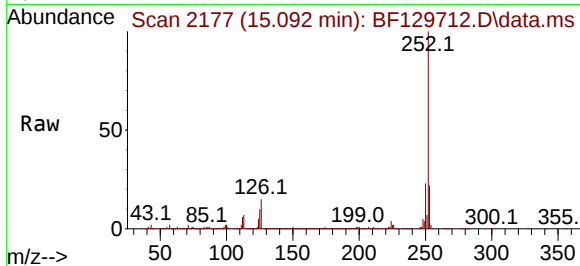




#89
Benzo(k)fluoranthene
Concen: 41.840 ng
RT: 15.092 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

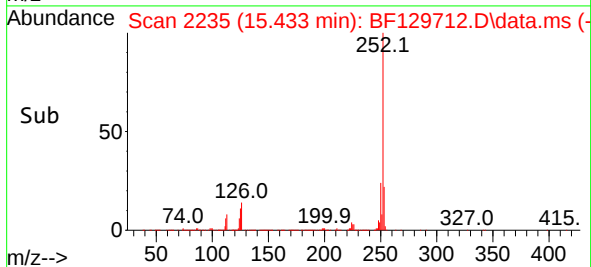
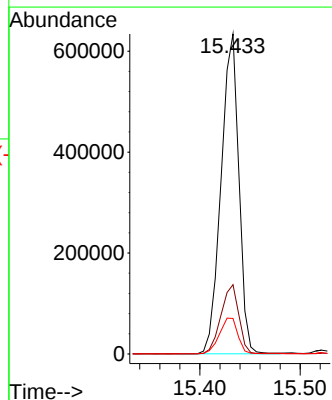
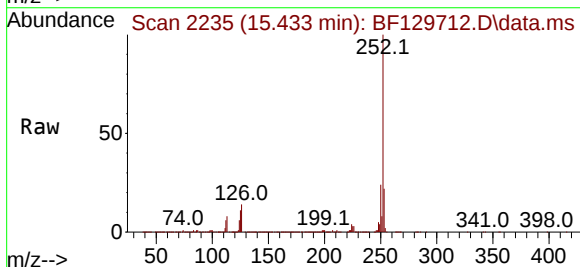
Instrument :
BNA_F
ClientSampleId :
PB146816BS

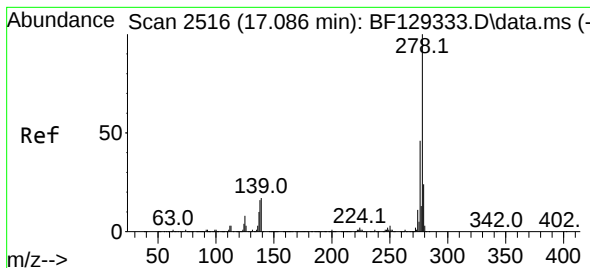
Tgt Ion:252 Resp: 894516
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 10.5 8.3 12.5



#90
Benzo(a)pyrene
Concen: 43.948 ng
RT: 15.433 min Scan# 2235
Delta R.T. 0.006 min
Lab File: BF129712.D
Acq: 11 Aug 2022 12:49

Tgt Ion:252 Resp: 778327
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 11.1 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 45.159 ng

RT: 16.992 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

Instrument :

BNA_F

ClientSampleId :

PB146816BS

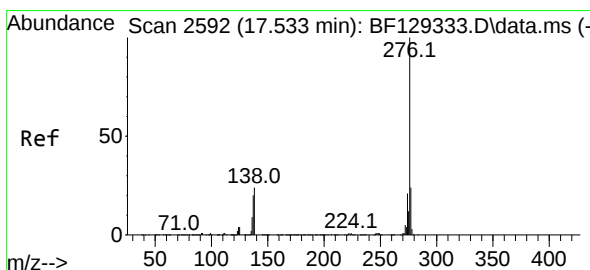
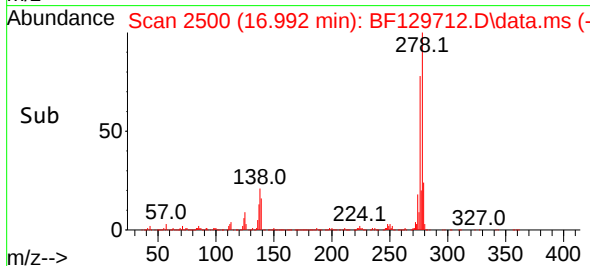
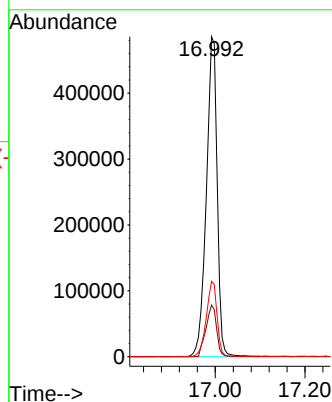
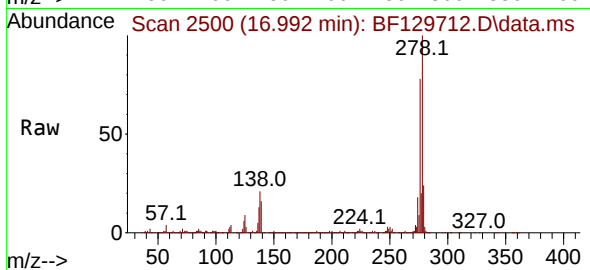
Tgt Ion:278 Resp: 814066

Ion Ratio Lower Upper

278 100

139 16.2 12.8 19.2

279 23.5 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 44.509 ng

RT: 17.439 min Scan# 2576

Delta R.T. 0.006 min

Lab File: BF129712.D

Acq: 11 Aug 2022 12:49

Tgt Ion:276 Resp: 819865

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 21.0 18.0 27.0

