

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
 Data File : BF127617.D
 Acq On : 01 Apr 2022 17:36
 Operator : CG\JU
 Sample : N2202-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MHEMS

Quant Time: Apr 01 17:57:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	108994	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	413968	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	237611	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	413643	20.000	ng	0.00
76) Chrysene-d12	14.015	240	229707	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	211243	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	874275	128.038	ng	0.03
7) Phenol-d6	6.486	99	1115555	119.519	ng	0.00
23) Nitrobenzene-d5	7.410	82	864212	89.237	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	322882	127.563	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1399252	85.991	ng	0.00
79) Terphenyl-d14	12.951	244	1471717	104.883	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	147423	49.157	ng	# 79
3) Pyridine	3.534	79	272492	32.192	ng	96
4) n-Nitrosodimethylamine	3.475	42	244808	52.675	ng	99
6) Aniline	6.510	93	221746	19.908	ng	# 64
8) 2-Chlorophenol	6.628	128	372988	53.453	ng	95
9) Benzaldehyde	6.398	77	87127	13.835	ng	99
10) Phenol	6.504	94	452732	44.539	ng	95
11) bis(2-Chloroethyl)ether	6.575	93	417843	56.179	ng	99
12) 1,3-Dichlorobenzene	6.775	146	354523	45.172	ng	96
13) 1,4-Dichlorobenzene	6.851	146	358267	45.382	ng	98
14) 1,2-Dichlorobenzene	7.004	146	331173	43.071	ng	100
15) Benzyl Alcohol	6.992	79	366572	54.041	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.110	45	655757	48.995	ng	64
17) 2-Methylphenol	7.104	107	299227	50.813	ng	# 88
18) Hexachloroethane	7.339	117	132052	45.691	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	287276	51.347	ng	99
20) 3+4-Methylphenols	7.257	107	364400	50.169	ng	93
22) Acetophenone	7.251	105	498377	47.097	ng	94
24) Nitrobenzene	7.428	77	454723	49.235	ng	99
25) Isophorone	7.663	82	860858	55.811	ng	99
26) 2-Nitrophenol	7.739	139	193505	49.956	ng	97
27) 2,4-Dimethylphenol	7.781	122	342032	58.701	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	512947	51.193	ng	100
29) 2,4-Dichlorophenol	7.986	162	330982	50.038	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	341091	44.252	ng	97
31) Naphthalene	8.139	128	1016981	46.272	ng	99
32) Benzoic acid	7.957	122	197480	57.591	ng	# 85
33) 4-Chloroaniline	8.204	127	69013	8.103	ng	94
34) Hexachlorobutadiene	8.245	225	203517	41.580	ng	100
35) Caprolactam	8.592	113	54183	26.571	ng	99
36) 4-Chloro-3-methylphenol	8.698	107	357267	49.781	ng	99
37) 2-Methylnaphthalene	8.833	142	688837	48.743	ng	99
38) 1-Methylnaphthalene	8.927	142	648503	46.407	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	351448	46.519	ng	98
41) Hexachlorocyclopentadiene	8.975	237	213752	81.272	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	228396	50.013	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	231066	49.153	ng	99
46) 1,1'-Biphenyl	9.298	154	847195	47.208	ng	99
47) 2-Chloronaphthalene	9.322	162	673724	47.674	ng	98
48) 2-Nitroaniline	9.433	65	265190	48.963	ng	99
49) Acenaphthylene	9.739	152	1029430	48.185	ng	99
50) Dimethylphthalate	9.604	163	826903	50.024	ng	100
51) 2,6-Dinitrotoluene	9.675	165	172522	49.720	ng	98
52) Acenaphthene	9.910	154	607636	48.747	ng	98
53) 3-Nitroaniline	9.851	138	79690	20.936	ng	97
54) 2,4-Dinitrophenol	9.963	184	178510	99.548	ng	# 88
55) Dibenzofuran	10.086	168	848917	47.373	ng	99
56) 4-Nitrophenol	10.033	139	158448	81.789	ng	97
57) 2,4-Dinitrotoluene	10.086	165	205096	45.921	ng	96
58) Fluorene	10.427	166	710060	49.411	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	207188	49.849	ng	95
60) Diethylphthalate	10.298	149	731563	48.454	ng	98
61) 4-Chlorophenyl-phenyle...	10.416	204	379112	44.375	ng	96
62) 4-Nitroaniline	10.474	138	148136	41.550	ng	96
63) Azobenzene	10.574	77	842744	47.305	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	125061	49.135	ng	96
66) n-Nitrosodiphenylamine	10.539	169	621410	49.351	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	239154	49.521	ng	96
68) Hexachlorobenzene	10.974	284	253175	48.027	ng	99
69) Atrazine	11.069	200	207079	49.401	ng	98
70) Pentachlorophenol	11.180	266	220954	106.153	ng	98
71) Phenanthrene	11.392	178	1029762	47.752	ng	100
72) Anthracene	11.445	178	1045835	48.870	ng	99
73) Carbazole	11.610	167	901607	44.054	ng	99
74) Di-n-butylphthalate	11.916	149	1127142	53.207	ng	99
75) Fluoranthene	12.586	202	1077010	45.407	ng	99
77) Benzidine	12.715	184	63081	11.517	ng	99
78) Pyrene	12.815	202	1058676	53.702	ng	99
80) Butylbenzylphthalate	13.415	149	391255	60.302	ng	99
81) Benzo(a)anthracene	14.004	228	763305	49.689	ng	98
82) 3,3'-Dichlorobenzidine	13.962	252	125344	27.763	ng	99
83) Chrysene	14.045	228	710255	48.827	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	502519	67.000	ng	97
85) Di-n-octyl phthalate	14.580	149	754911	75.637	ng	99
87) Indeno(1,2,3-cd)pyrene	17.009	276	692756	48.465	ng	96
88) Benzo(b)fluoranthene	15.062	252	695523	52.219	ng	99
89) Benzo(k)fluoranthene	15.092	252	629007	45.555	ng	98
90) Benzo(a)pyrene	15.439	252	649388	59.408	ng	98
91) Dibenzo(a,h)anthracene	17.009	278	623209	52.809	ng	96
92) Benzo(g,h,i)perylene	17.462	276	618800	50.730	ng	97

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

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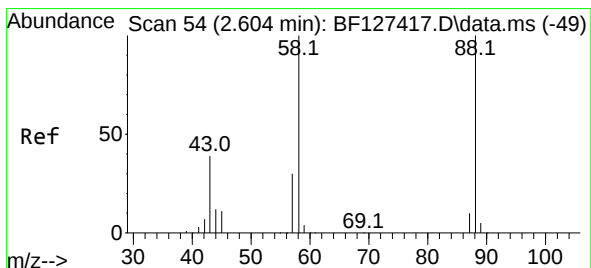
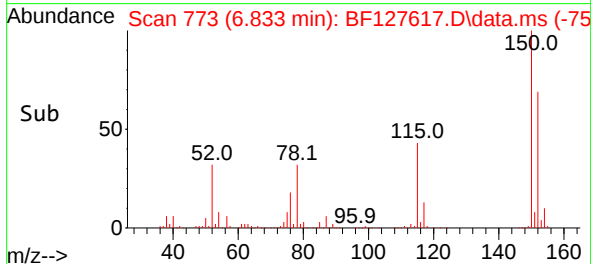
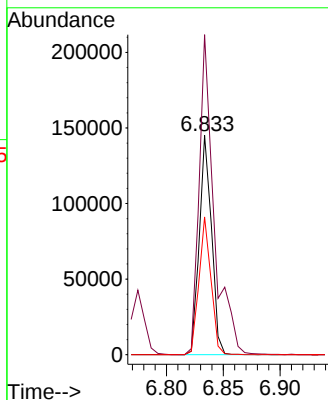
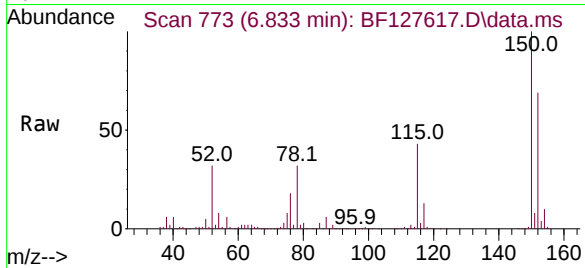




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.833 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF127617.D
 Acq: 01 Apr 2022 17:36

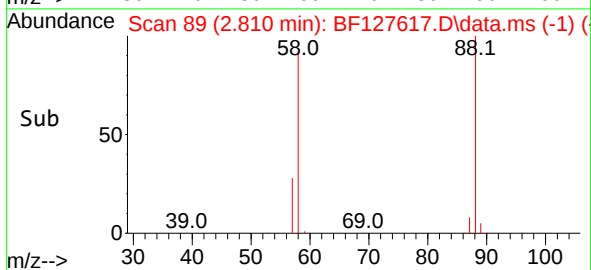
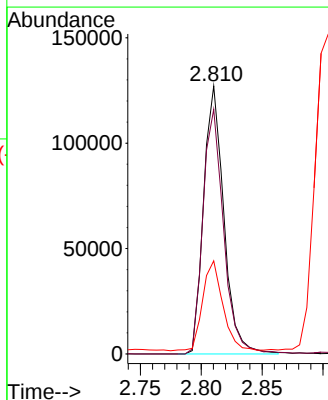
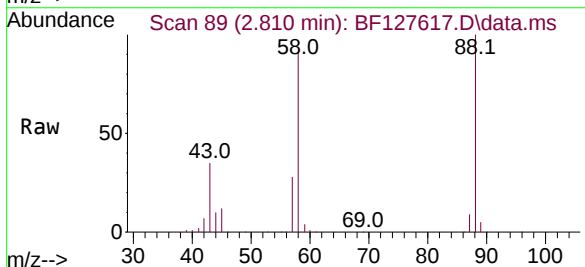
Instrument :
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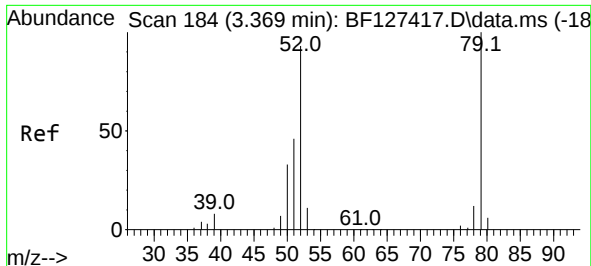
Tgt Ion:152 Resp: 108994
 Ion Ratio Lower Upper
 152 100
 150 145.9 117.2 175.8
 115 62.9 49.8 74.6



#2
 1,4-Dioxane
 Concen: 49.157 ng
 RT: 2.810 min Scan# 89
 Delta R.T. 0.224 min
 Lab File: BF127617.D
 Acq: 01 Apr 2022 17:36

Tgt Ion: 88 Resp: 147423
 Ion Ratio Lower Upper
 88 100
 58 93.0 77.0 115.4
 43 0.0 31.3 46.9#





#3

Pyridine

Concen: 32.192 ng

RT: 3.534 min Scan# 212

Delta R.T. 0.188 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

Instrument :

BNA_F

ClientSampleId :

MHEMS

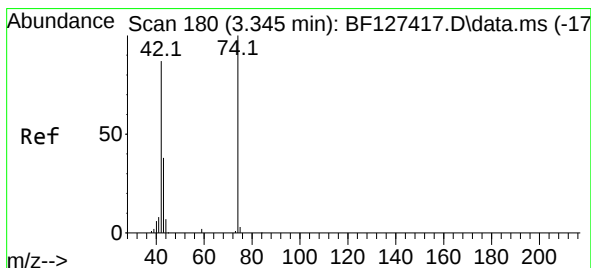
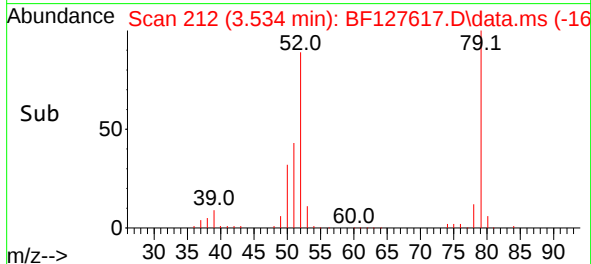
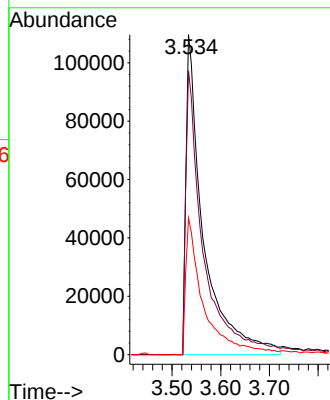
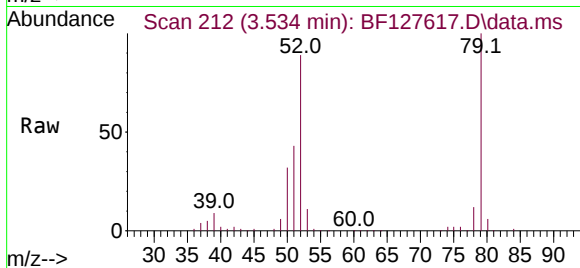
Tgt Ion: 79 Resp: 272492

Ion Ratio Lower Upper

79 100

52 88.8 74.2 111.4

51 42.7 36.7 55.1



#4

n-Nitrosodimethylamine

Concen: 52.675 ng

RT: 3.475 min Scan# 202

Delta R.T. 0.147 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

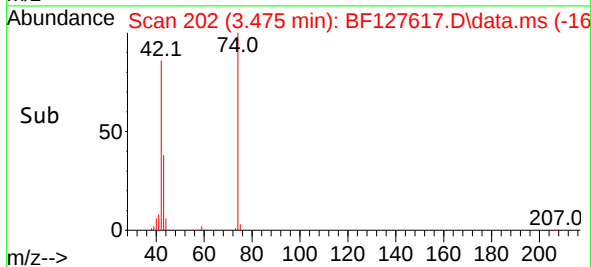
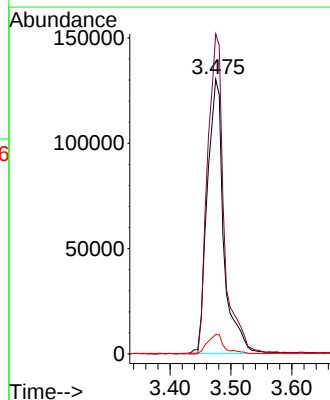
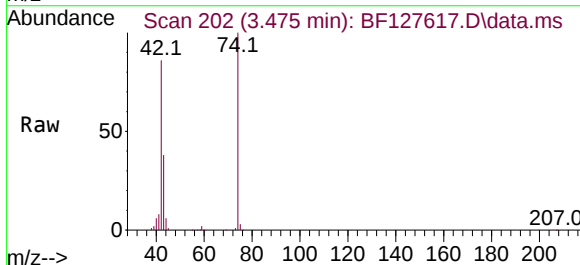
Tgt Ion: 42 Resp: 244808

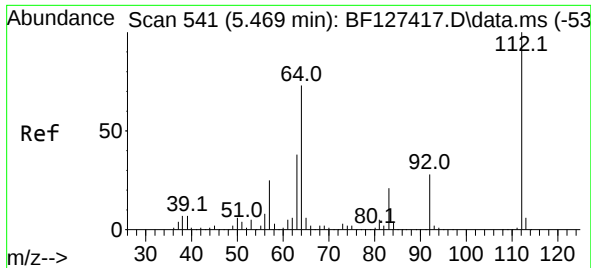
Ion Ratio Lower Upper

42 100

74 116.5 92.4 138.6

44 7.1 6.0 9.0

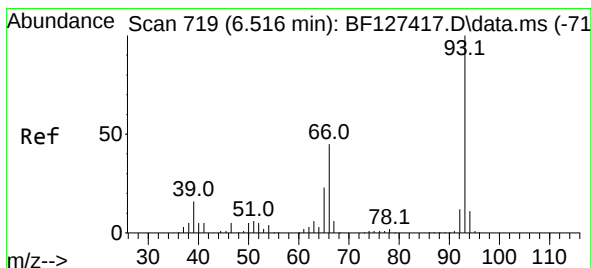
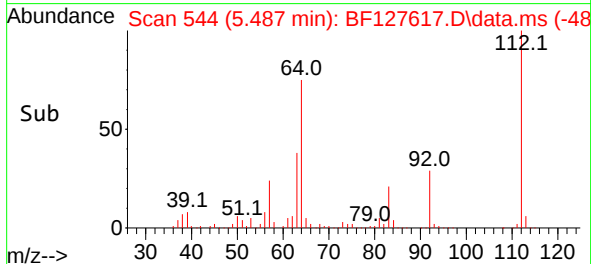
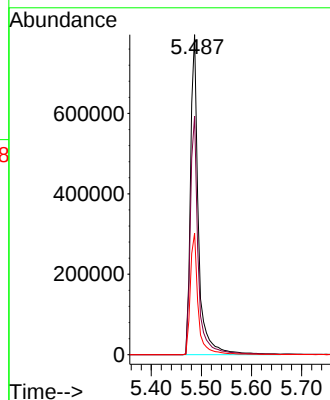
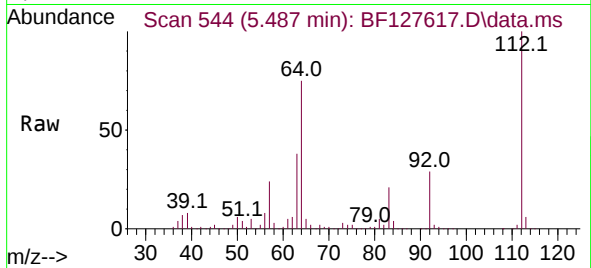




#5
2-Fluorophenol
Concen: 128.038 ng
RT: 5.487 min Scan# 541
Delta R.T. 0.029 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

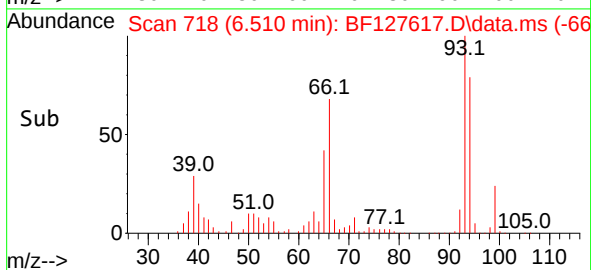
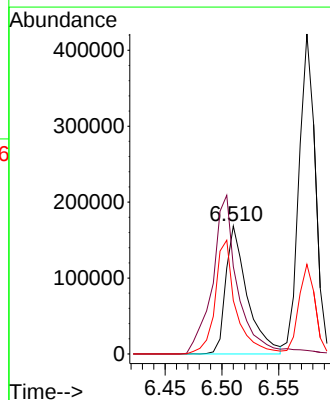
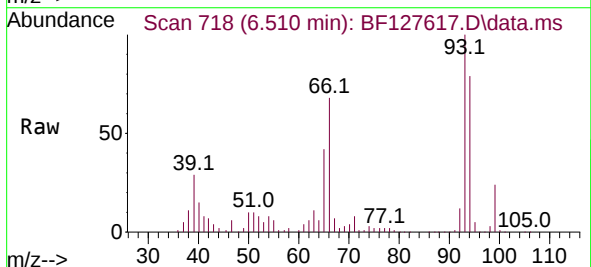
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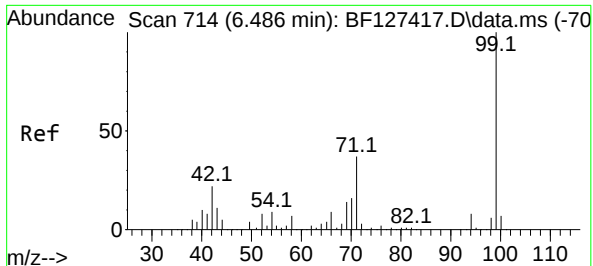
Tgt Ion:112 Resp: 874275
Ion Ratio Lower Upper
112 100
64 74.5 58.4 87.6
63 37.9 30.1 45.1



#6
Aniline
Concen: 19.908 ng
RT: 6.510 min Scan# 718
Delta R.T. 0.006 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion: 93 Resp: 221746
Ion Ratio Lower Upper
93 100
66 68.2 36.2 54.4#
65 41.8 18.4 27.6#

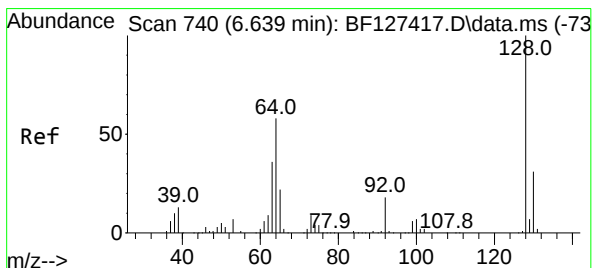
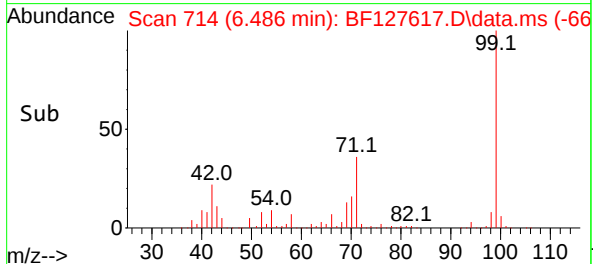
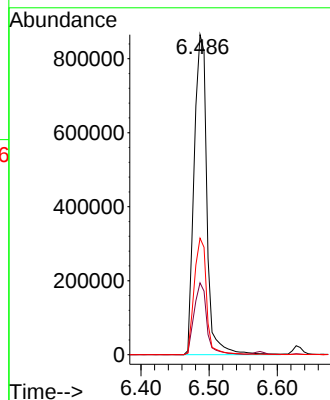
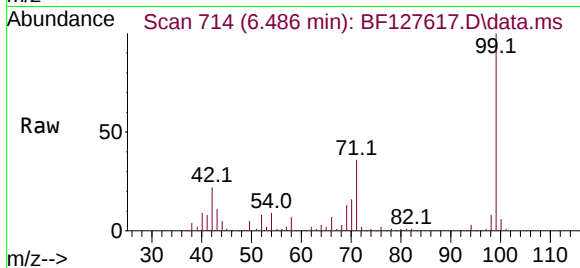




#7
Phenol-d6
Concen: 119.519 ng
RT: 6.486 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

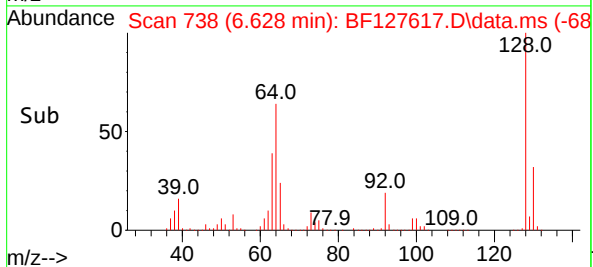
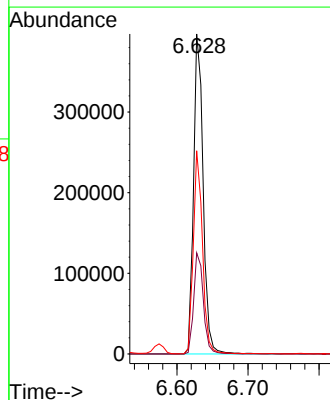
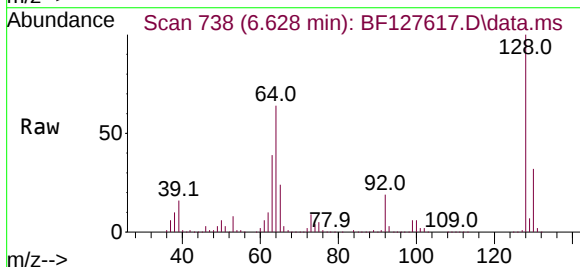
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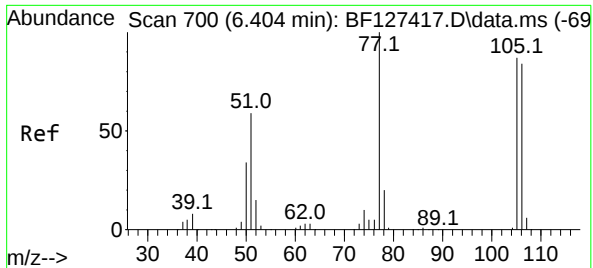
Tgt Ion: 99 Resp: 1115555
Ion Ratio Lower Upper
99 100
42 22.4 17.8 26.6
71 36.4 29.6 44.4



#8
2-Chlorophenol
Concen: 53.453 ng
RT: 6.628 min Scan# 738
Delta R.T. 0.006 min
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Tgt Ion:128 Resp: 372988
Ion Ratio Lower Upper
128 100
130 31.6 11.3 51.3
64 63.5 38.4 78.4

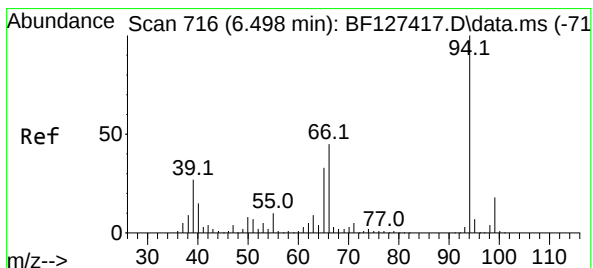
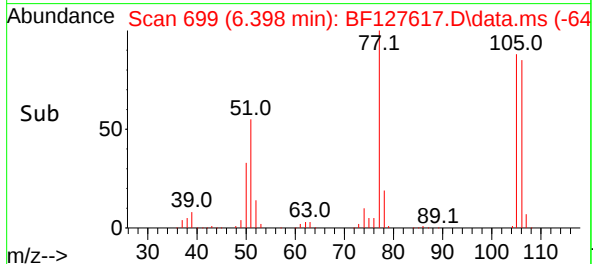
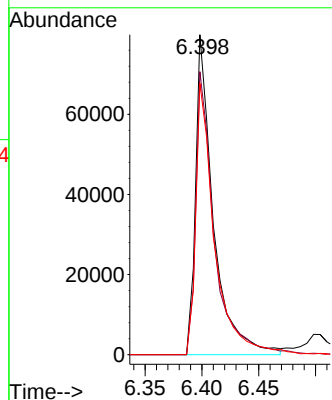
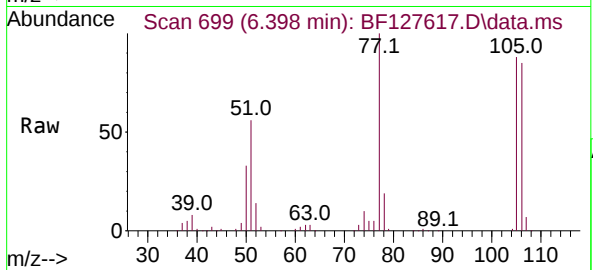




#9
Benzaldehyde
Concen: 13.835 ng
RT: 6.398 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

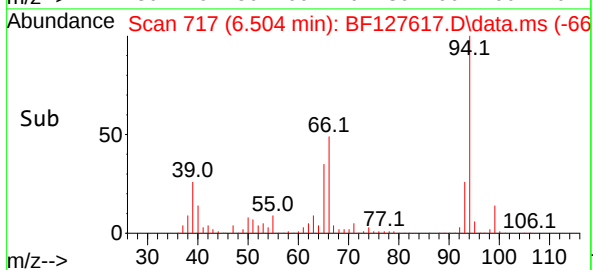
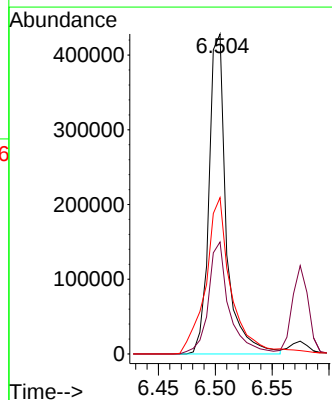
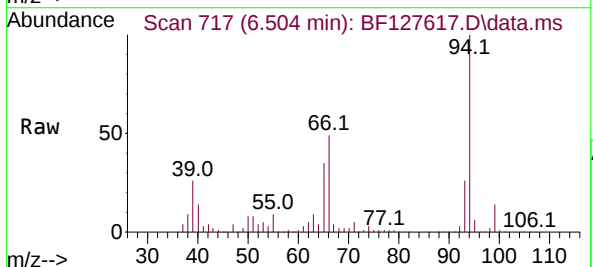
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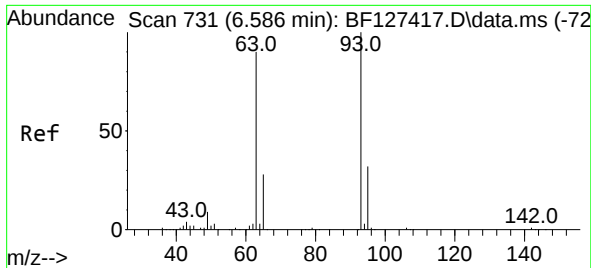
Tgt Ion: 77 Resp: 87127
Ion Ratio Lower Upper
77 100
105 88.5 66.8 106.8
106 84.9 64.3 104.3



#10
Phenol
Concen: 44.539 ng
RT: 6.504 min Scan# 717
Delta R.T. 0.012 min
Lab File: BF127617.D
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Tgt Ion: 94 Resp: 452732
Ion Ratio Lower Upper
94 100
65 35.0 13.1 53.1
66 48.8 24.9 64.9

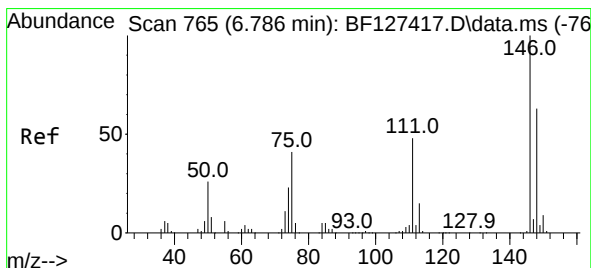
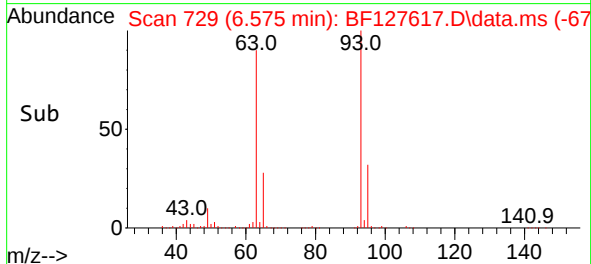
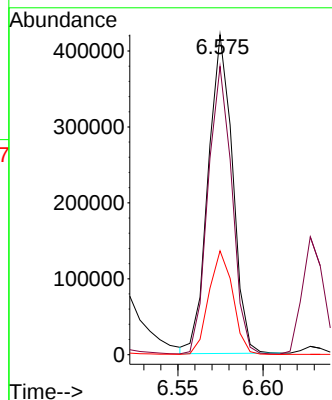
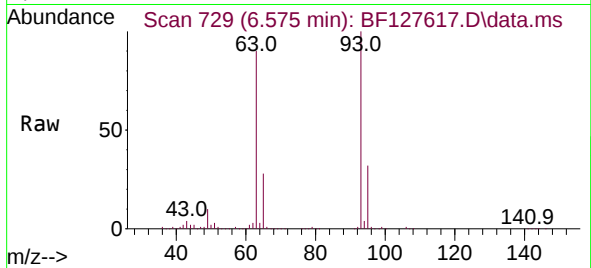




#11
bis(2-Chloroethyl)ether
Concen: 56.179 ng
RT: 6.575 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

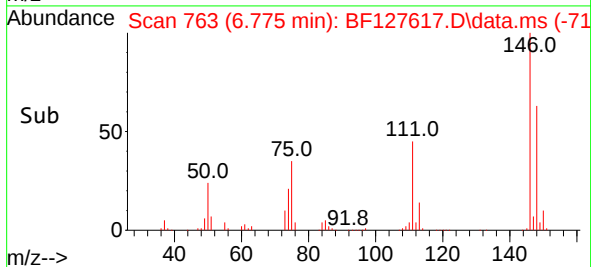
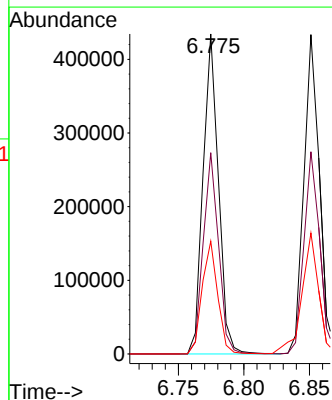
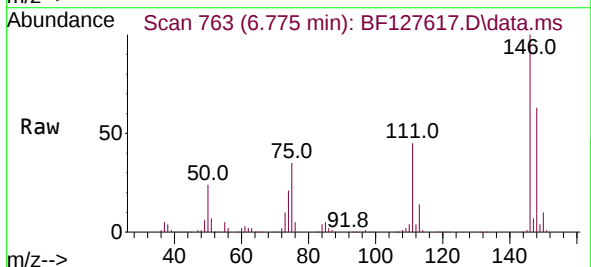
Instrument :
BNA_F
ClientSampleId :
MHMS

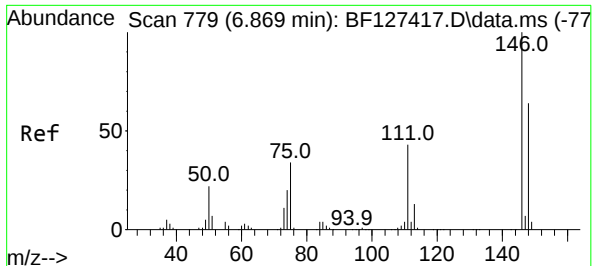
Tgt Ion: 93 Resp: 417843
Ion Ratio Lower Upper
93 100
63 90.1 69.6 109.6
95 32.4 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 45.172 ng
RT: 6.775 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion: 146 Resp: 354523
Ion Ratio Lower Upper
146 100
148 62.9 50.6 76.0
75 35.3 32.4 48.6





#13

1,4-Dichlorobenzene

Concen: 45.382 ng

RT: 6.851 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

Instrument :

BNA_F

ClientSampleId :

MHEMS

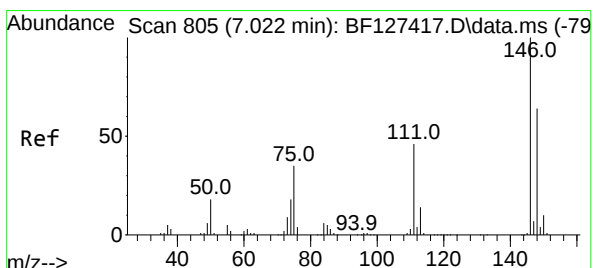
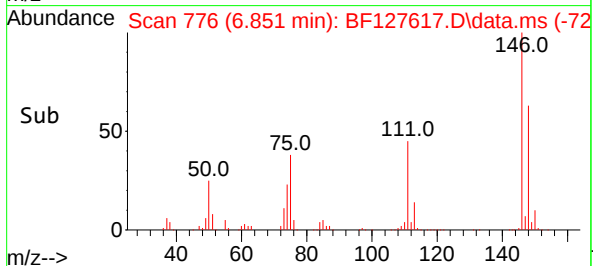
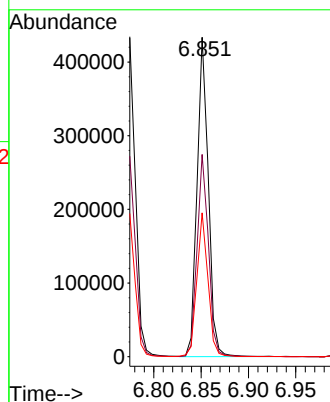
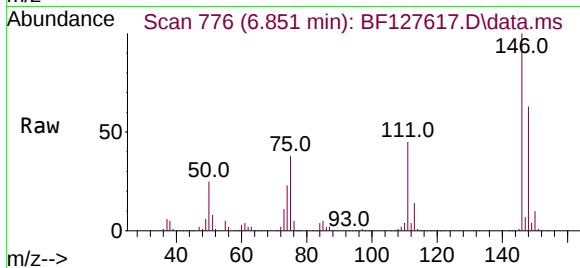
Tgt Ion:146 Resp: 358267

Ion Ratio Lower Upper

146 100

148 63.3 51.3 76.9

111 45.1 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 43.071 ng

RT: 7.004 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

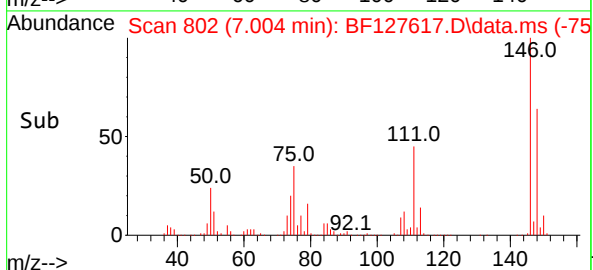
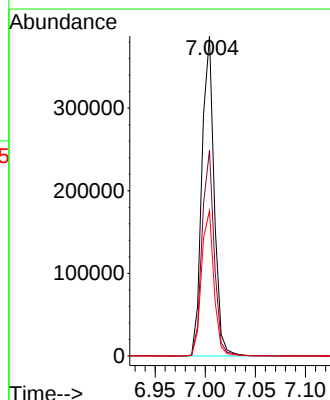
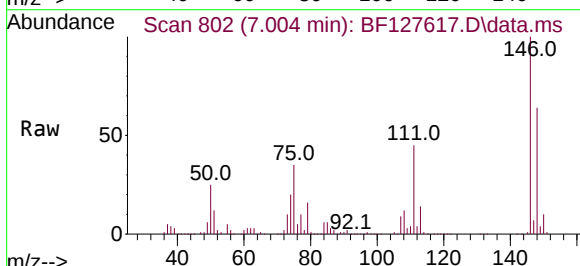
Tgt Ion:146 Resp: 331173

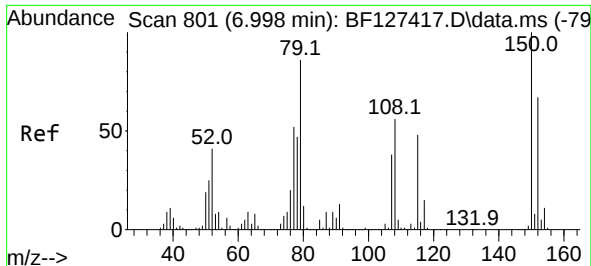
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

111 45.4 36.4 54.6

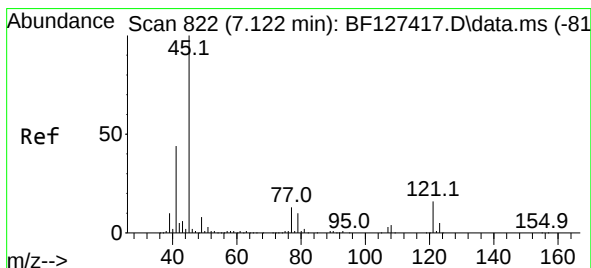
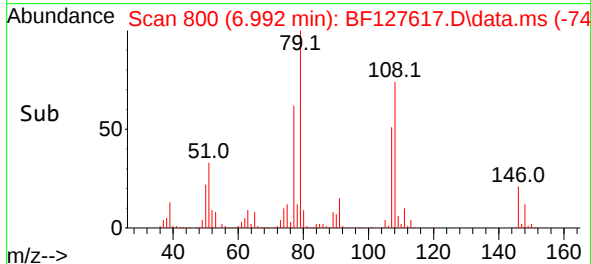
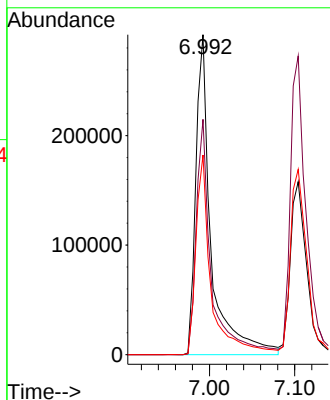
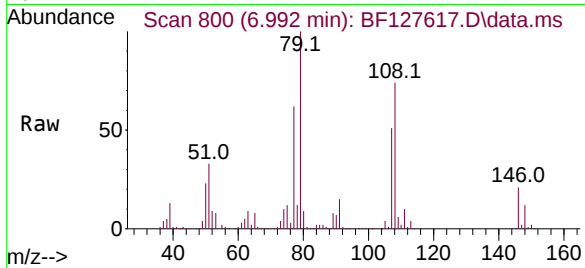




#15
Benzyl Alcohol
Concen: 54.041 ng
RT: 6.992 min Scan# 801
Delta R.T. 0.006 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

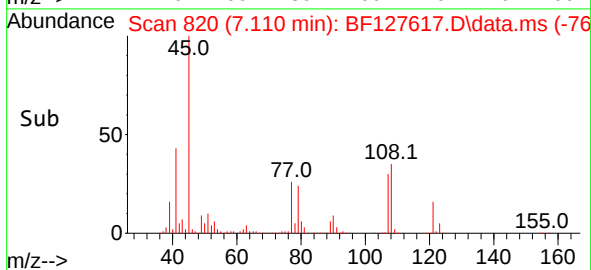
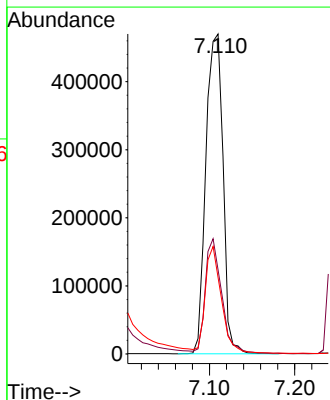
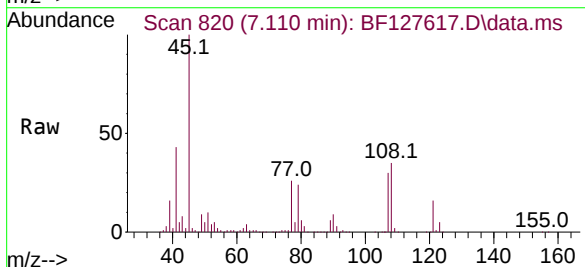
Instrument :
BNA_F
ClientSampleId :
MHEMS

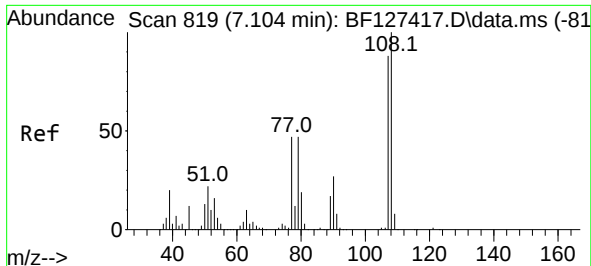
Tgt Ion: 79 Resp: 366572
Ion Ratio Lower Upper
79 100
108 73.6 52.2 78.2
77 62.4 48.3 72.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.995 ng
RT: 7.110 min Scan# 820
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion: 45 Resp: 655757
Ion Ratio Lower Upper
45 100
77 26.4 0.0 32.9
79 23.9 0.0 29.9

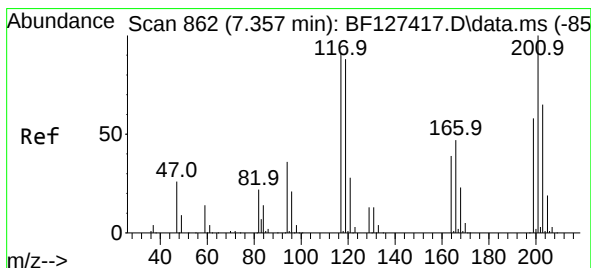
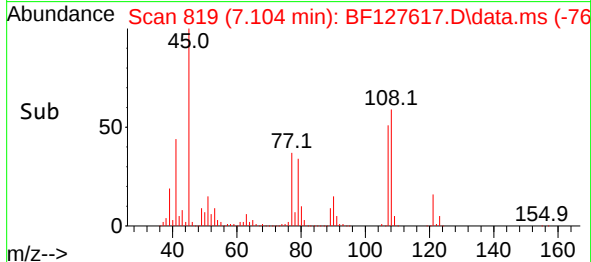
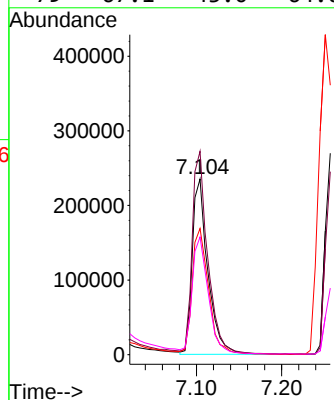
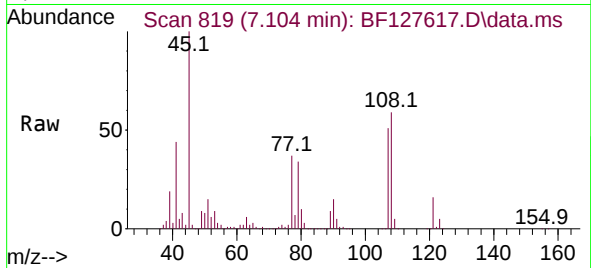




#17
2-Methylphenol
Concen: 50.813 ng
RT: 7.104 min Scan# 819
Delta R.T. 0.012 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

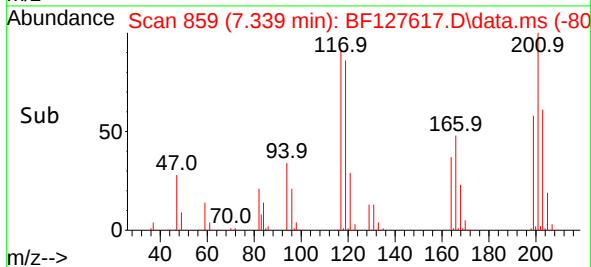
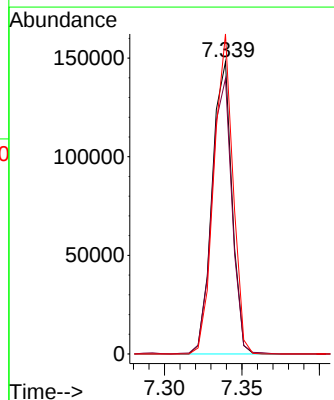
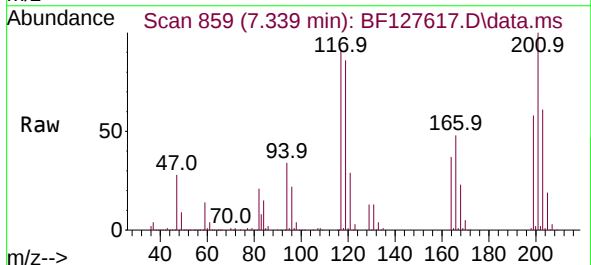
Instrument :
BNA_F
ClientSampleId :
MHMS

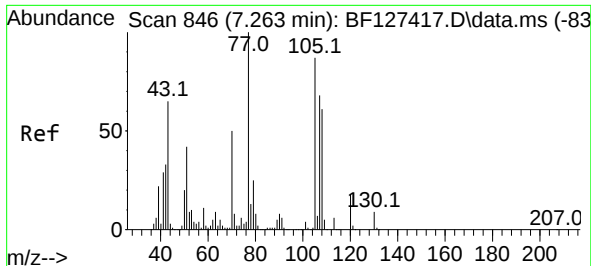
Tgt Ion:107 Resp: 299227
Ion Ratio Lower Upper
107 100
108 115.8 90.7 136.1
77 71.8 42.9 64.3#
79 67.1 43.0 64.6#



#18
Hexachloroethane
Concen: 45.691 ng
RT: 7.339 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion:117 Resp: 132052
Ion Ratio Lower Upper
117 100
119 94.2 77.6 116.4
201 109.5 88.2 132.2





#19

n-Nitroso-di-n-propylamine

Concen: 51.347 ng

RT: 7.257 min Scan# 845

Delta R.T. 0.006 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

Instrument :

BNA_F

ClientSampleId :

MHEMS

Tgt Ion: 70 Resp: 287276

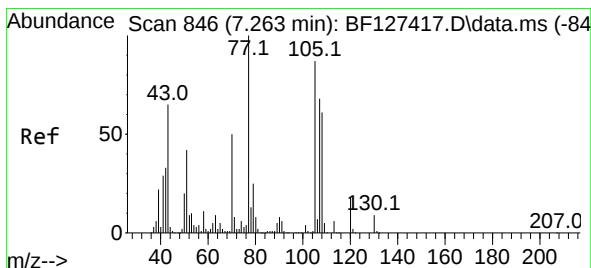
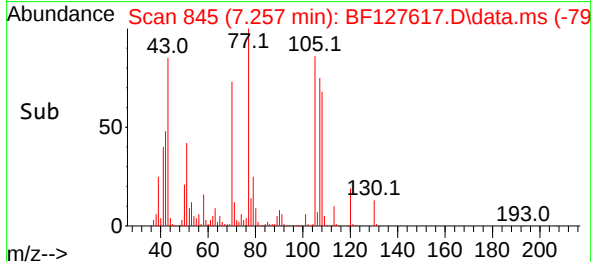
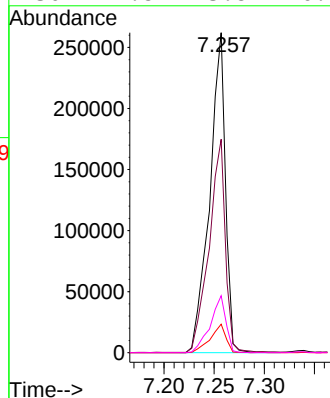
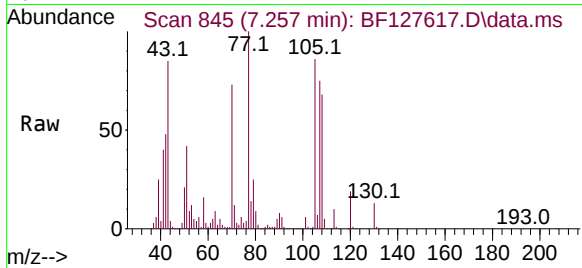
Ion Ratio Lower Upper

70 100

42 66.7 53.0 79.6

101 8.9 6.8 10.2

130 17.8 13.8 20.6



#20

3+4-Methylphenols

Concen: 50.169 ng

RT: 7.257 min Scan# 845

Delta R.T. 0.006 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

Tgt Ion: 107 Resp: 364400

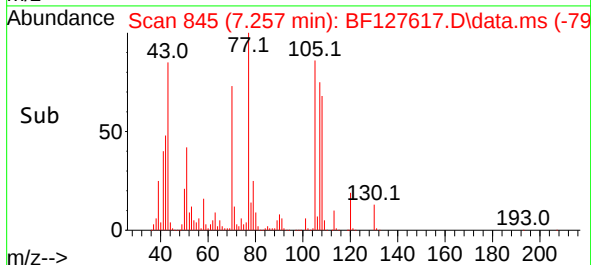
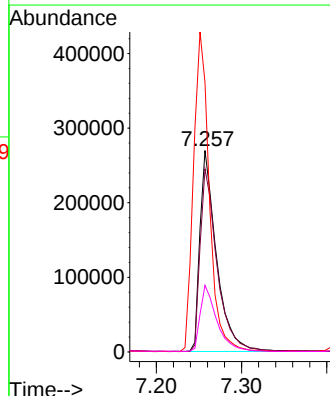
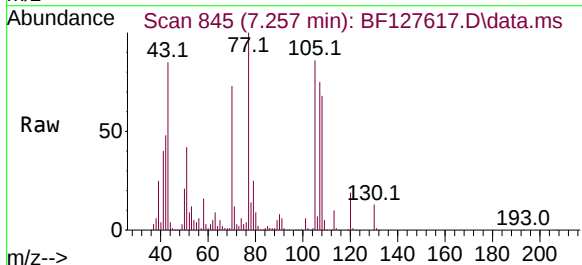
Ion Ratio Lower Upper

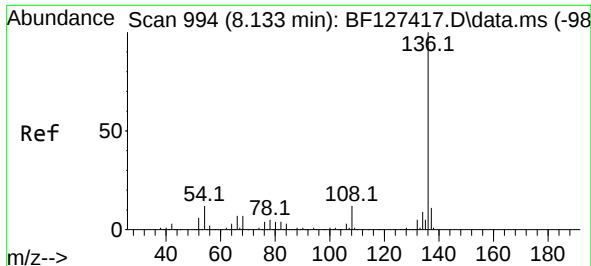
107 100

108 90.8 70.7 110.7

77 133.8 127.9 167.9

79 33.1 16.8 56.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

Instrument :

BNA_F

ClientSampleId :

MHEMS

Tgt Ion:136 Resp: 413968

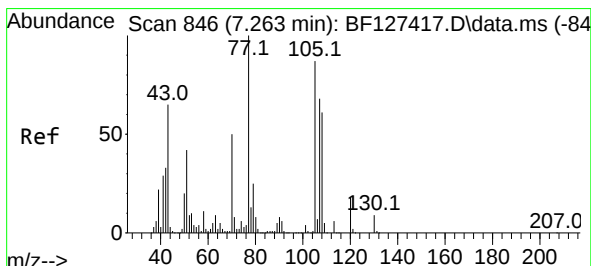
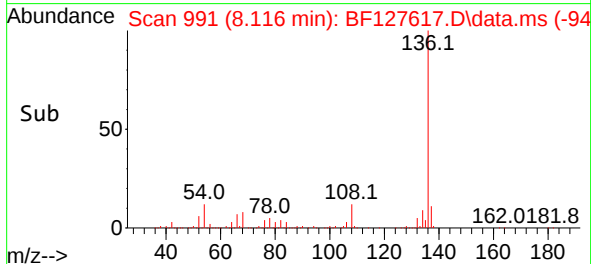
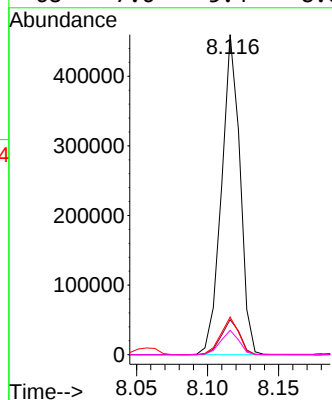
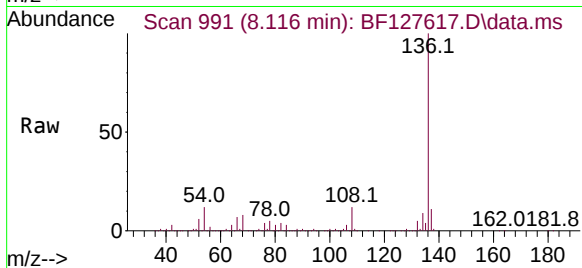
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 11.8 9.2 13.8

68 7.6 5.4 8.0



#22

Acetophenone

Concen: 47.097 ng

RT: 7.251 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

Tgt Ion:105 Resp: 498377

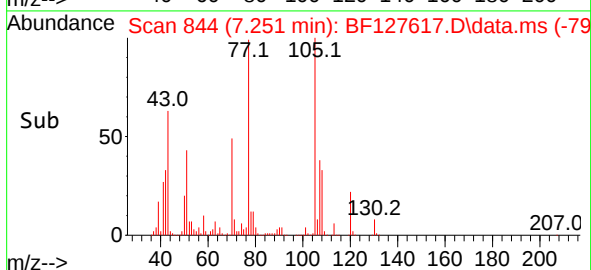
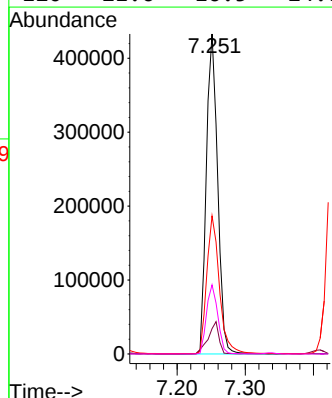
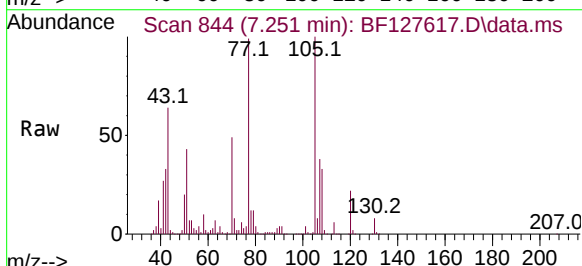
Ion Ratio Lower Upper

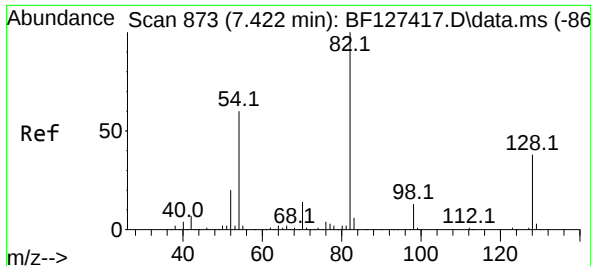
105 100

71 7.9 7.3 10.9

51 43.2 38.8 58.2

120 21.6 16.5 24.7

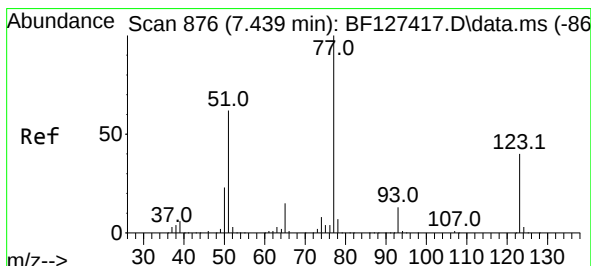
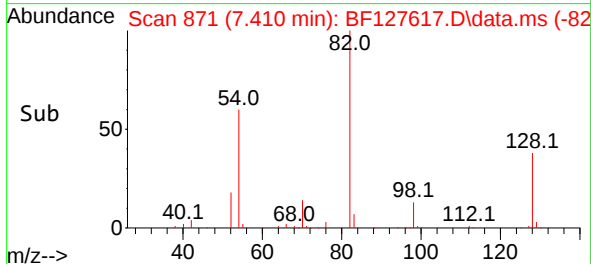
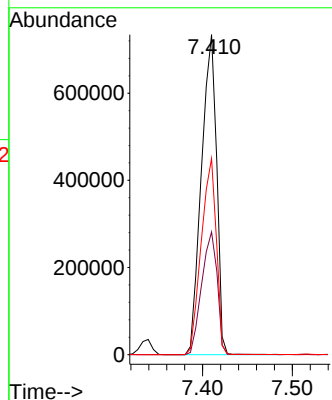
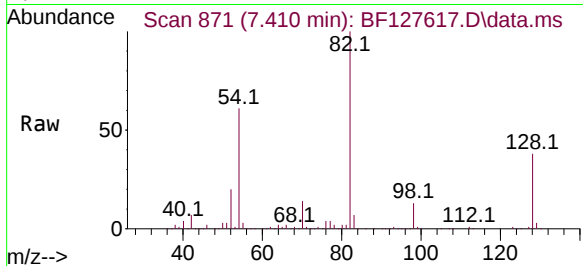




#23
Nitrobenzene-d5
Concen: 89.237 ng
RT: 7.410 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

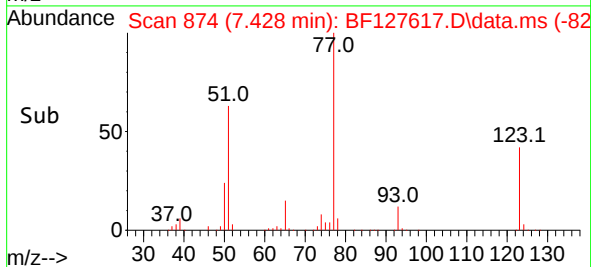
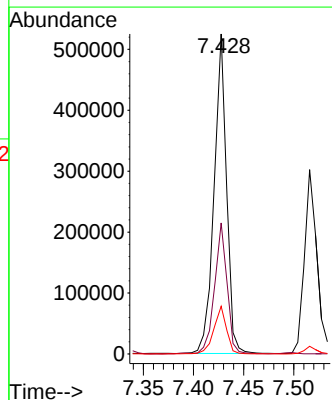
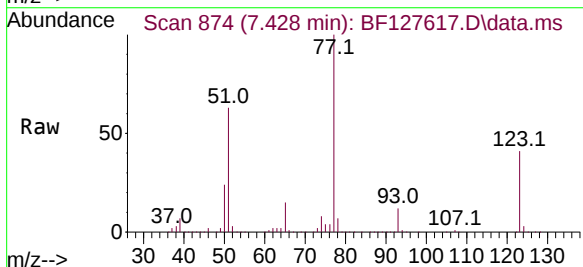
Instrument :
BNA_F
ClientSampleId :
MHMS

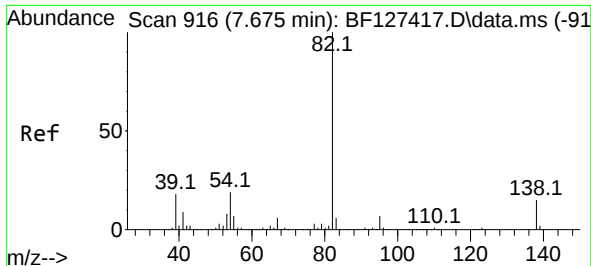
Tgt Ion: 82 Resp: 864212
Ion Ratio Lower Upper
82 100
128 38.3 30.6 45.8
54 61.3 48.2 72.2



#24
Nitrobenzene
Concen: 49.235 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion: 77 Resp: 454723
Ion Ratio Lower Upper
77 100
123 41.0 32.0 48.0
65 14.9 12.2 18.2

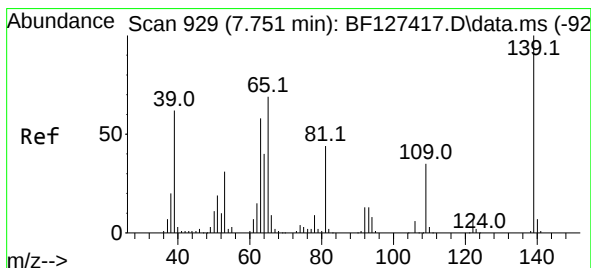
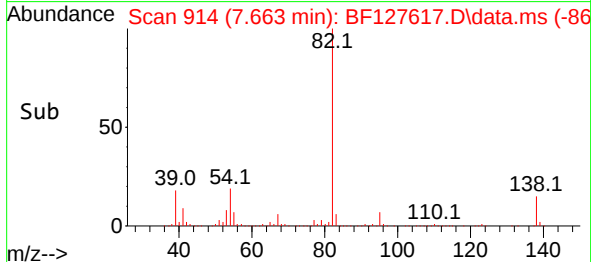
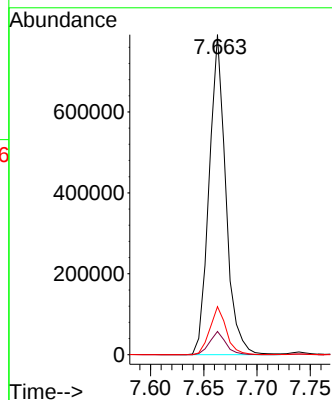
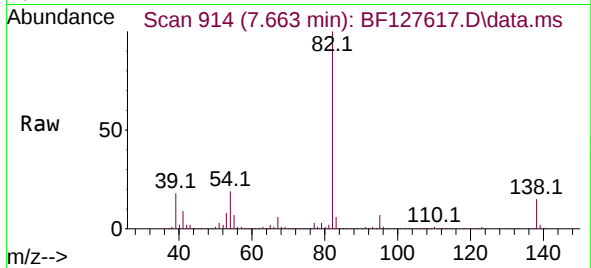




#25
Isophorone
Concen: 55.811 ng
RT: 7.663 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

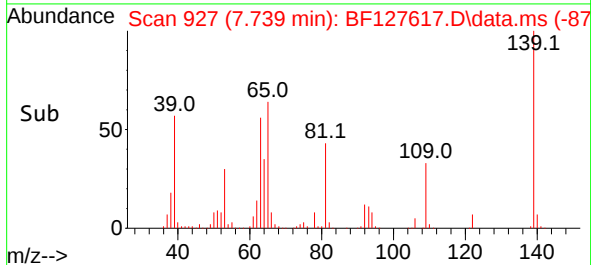
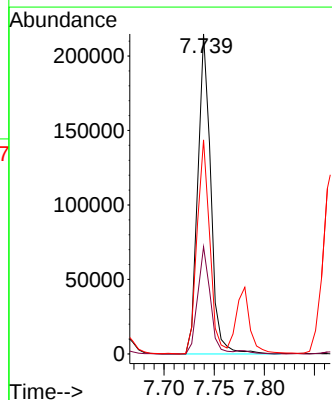
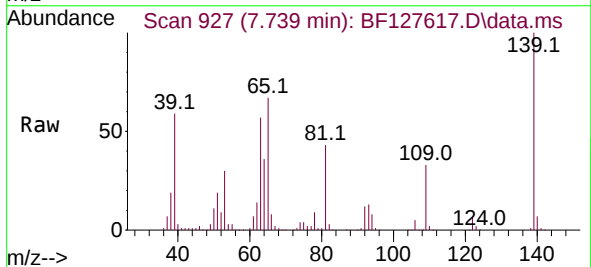
Instrument :
BNA_F
ClientSampleId :
MHMS

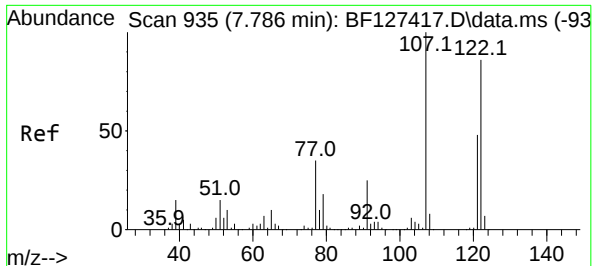
Tgt Ion: 82 Resp: 860858
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 15.0 11.6 17.4



#26
2-Nitrophenol
Concen: 49.956 ng
RT: 7.739 min Scan# 927
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion: 139 Resp: 193505
Ion Ratio Lower Upper
139 100
109 33.5 28.2 42.2
65 66.9 55.3 82.9

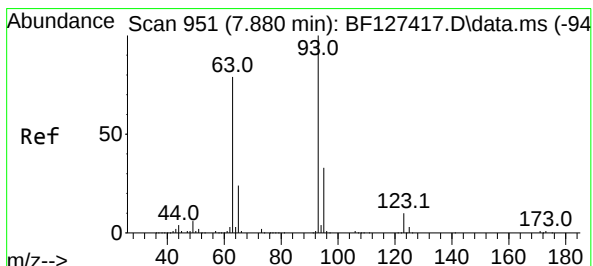
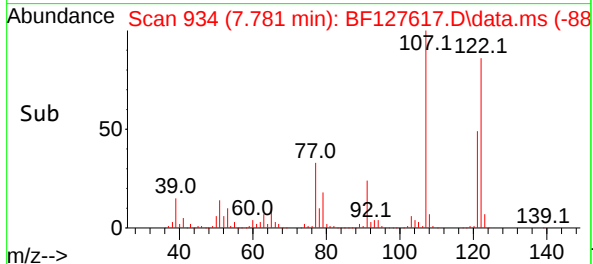
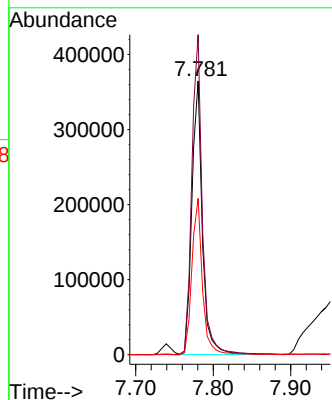
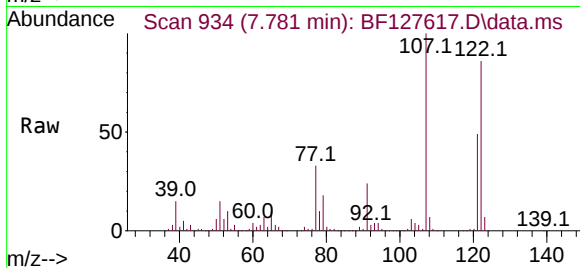




#27
2,4-Dimethylphenol
Concen: 58.701 ng
RT: 7.781 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

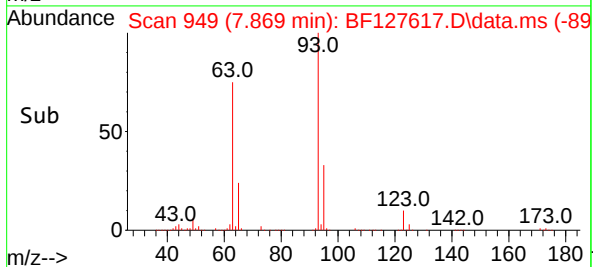
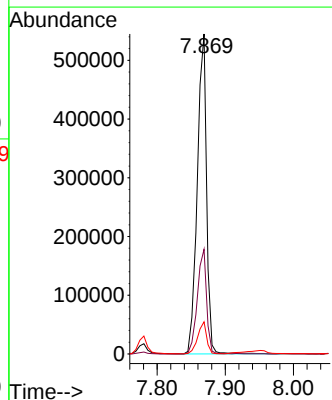
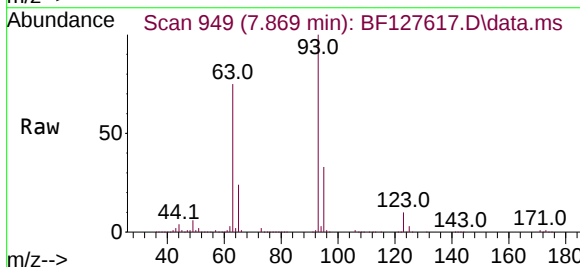
Instrument :
BNA_F
ClientSampleId :
MHMS

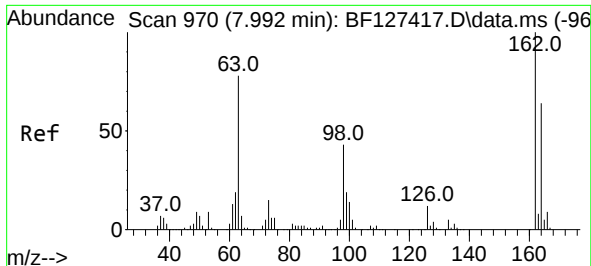
Tgt Ion:122 Resp: 342032
Ion Ratio Lower Upper
122 100
107 116.9 93.0 139.4
121 57.1 44.9 67.3



#28
bis(2-Chloroethoxy)methane
Concen: 51.193 ng
RT: 7.869 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion: 93 Resp: 512947
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 10.1 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 50.038 ng

RT: 7.986 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

Instrument :

BNA_F

ClientSampleId :

MHEMS

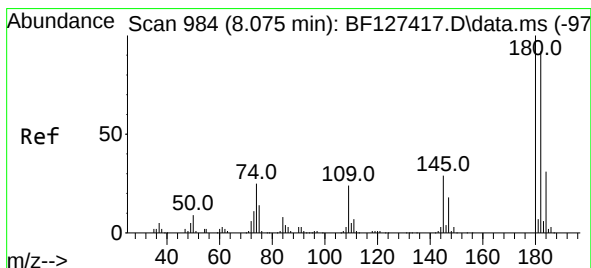
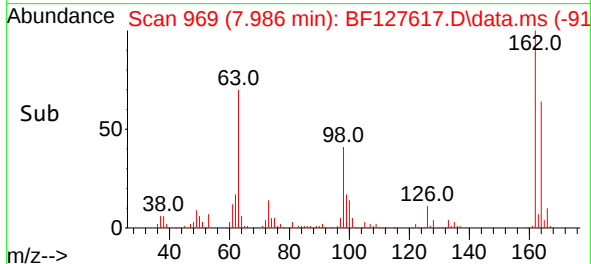
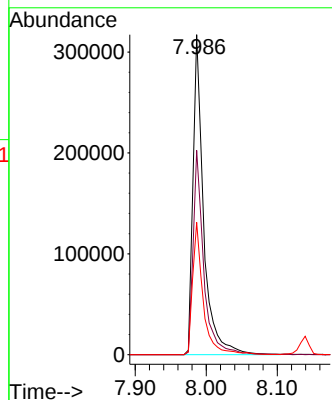
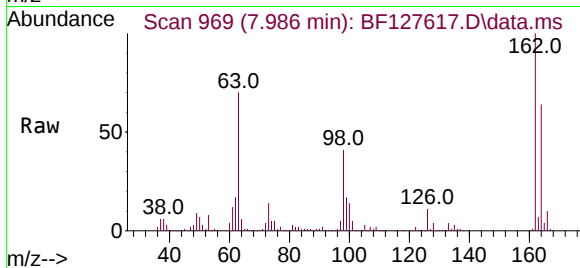
Tgt Ion:162 Resp: 330982

Ion Ratio Lower Upper

162 100

164 63.8 43.7 83.7

98 41.3 23.5 63.5



#30

1,2,4-Trichlorobenzene

Concen: 44.252 ng

RT: 8.057 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

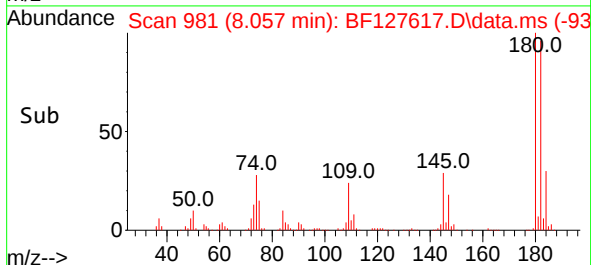
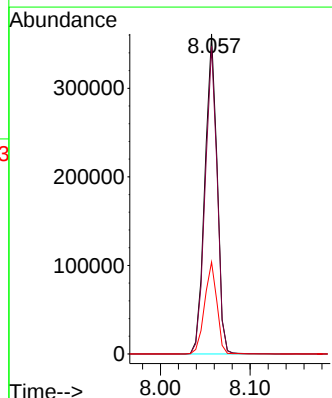
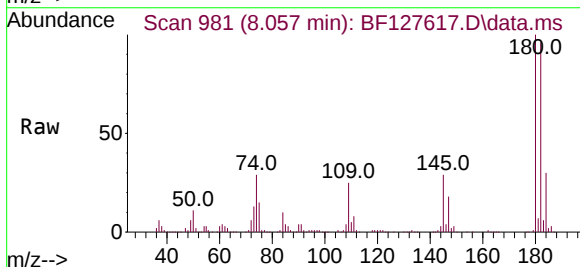
Tgt Ion:180 Resp: 341091

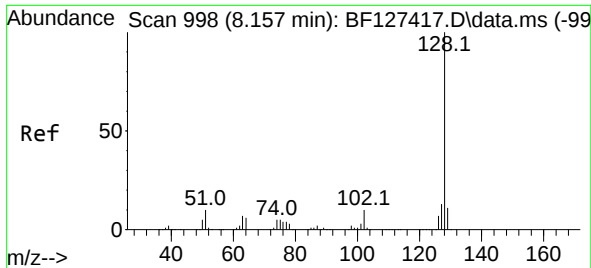
Ion Ratio Lower Upper

180 100

182 96.1 73.8 110.6

145 28.7 23.3 34.9

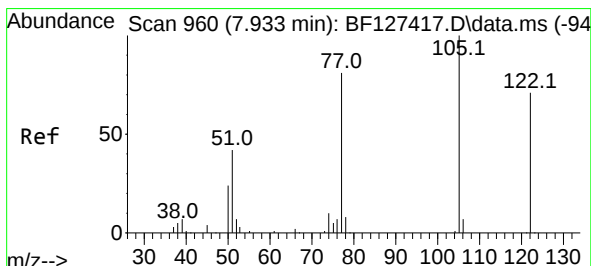
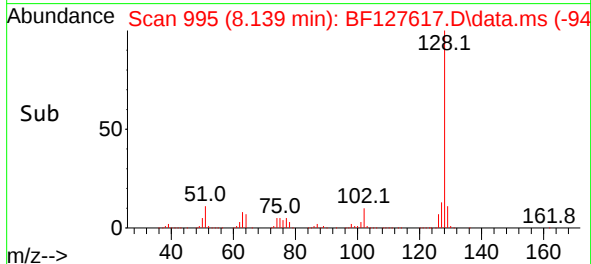
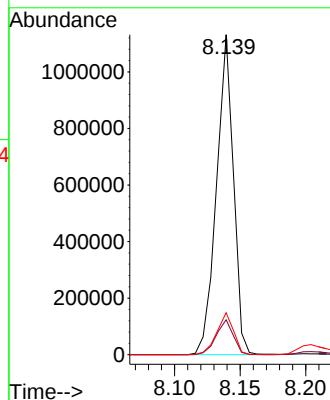
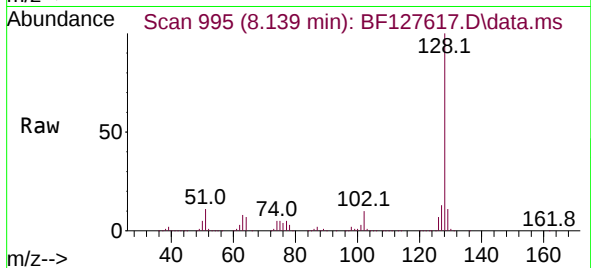




#31
Naphthalene
Concen: 46.272 ng
RT: 8.139 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

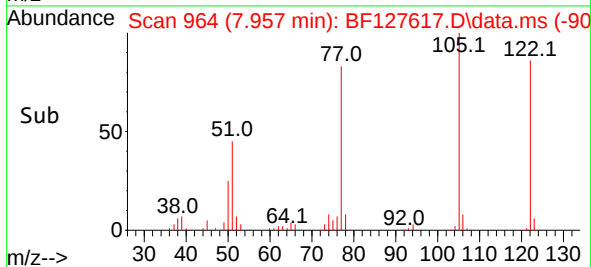
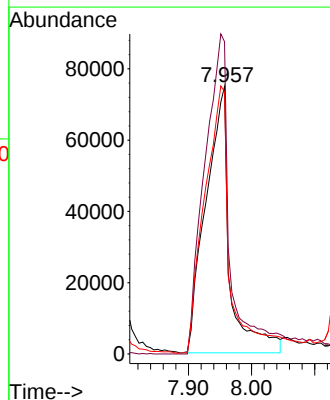
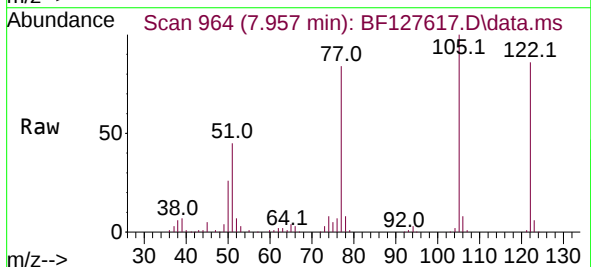
Instrument :
BNA_F
ClientSampleId :
MHMS

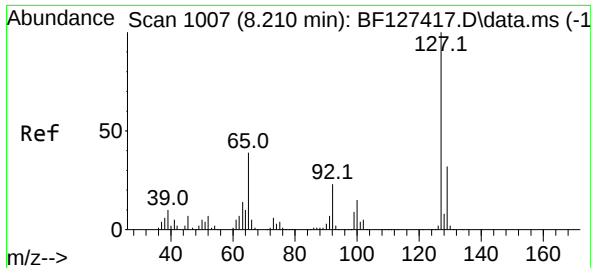
Tgt Ion:128 Resp: 1016981
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.1 10.2 15.2



#32
Benzoic acid
Concen: 57.591 ng
RT: 7.957 min Scan# 964
Delta R.T. 0.029 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion:122 Resp: 197480
Ion Ratio Lower Upper
122 100
105 116.8 117.1 157.1#
77 98.2 93.0 133.0

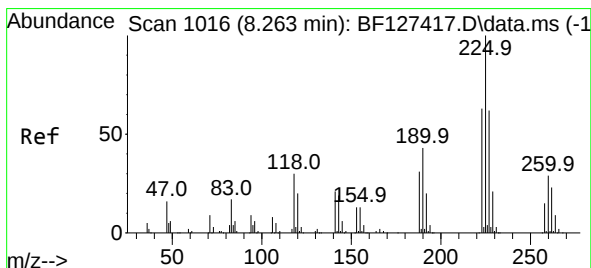
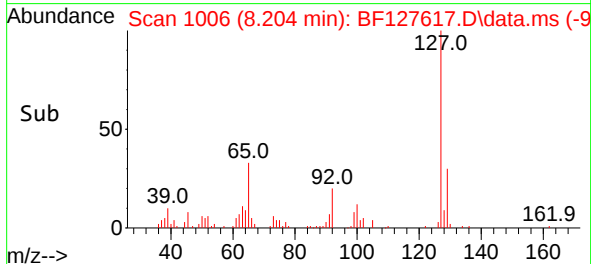
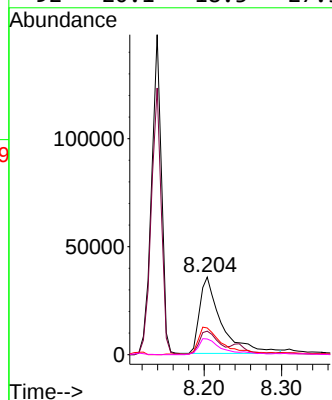
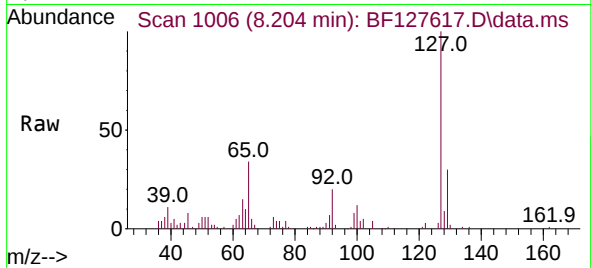




#33
4-Chloroaniline
Concen: 8.103 ng
RT: 8.204 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

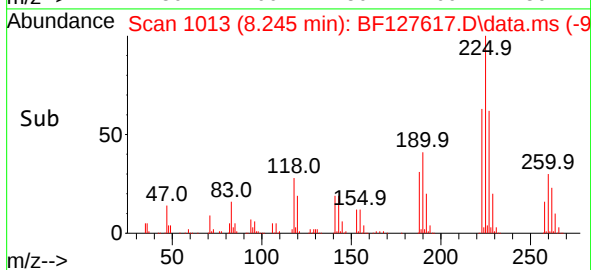
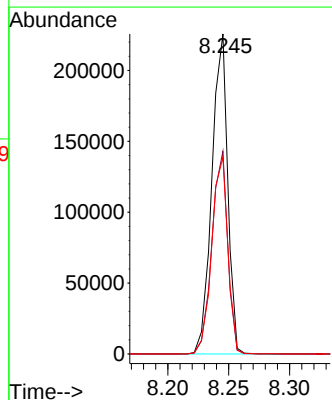
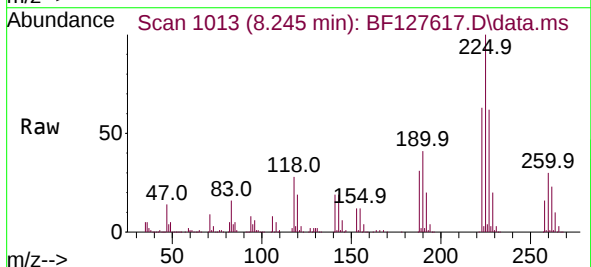
Instrument :
BNA_F
ClientSampleId :
MHMS

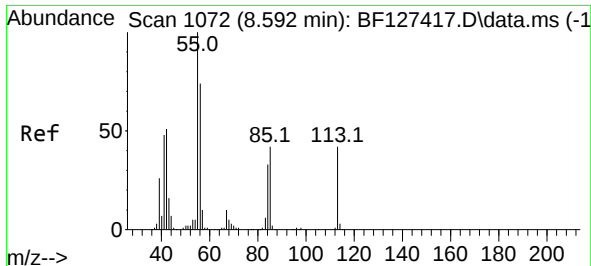
Tgt Ion:	127	Resp:	69013
Ion	Ratio	Lower	Upper
127	100		
129	30.3	25.9	38.9
65	34.5	31.4	47.0
92	20.1	18.3	27.5



#34
Hexachlorobutadiene
Concen: 41.580 ng
RT: 8.245 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion:	225	Resp:	203517
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	61.5	49.6	74.4

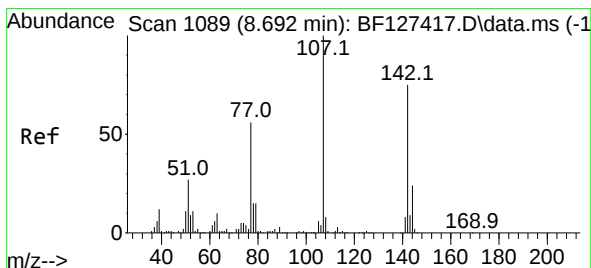
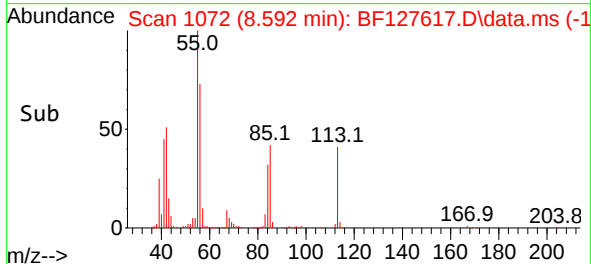
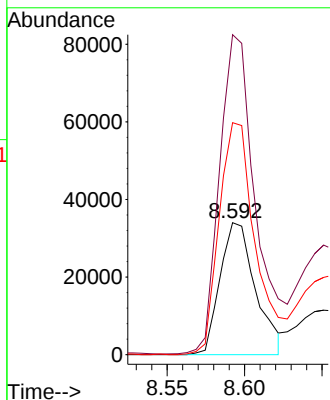
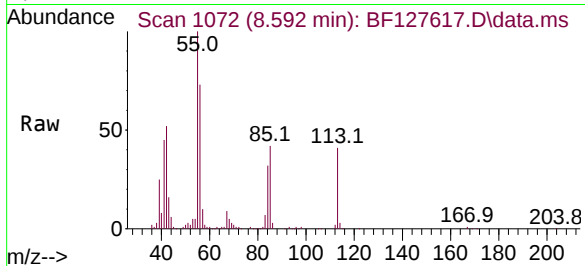




#35
 Caprolactam
 Concen: 26.571 ng
 RT: 8.592 min Scan# 1072
 Delta R.T. 0.006 min
 Lab File: BF127617.D
 Acq: 01 Apr 2022 17:36

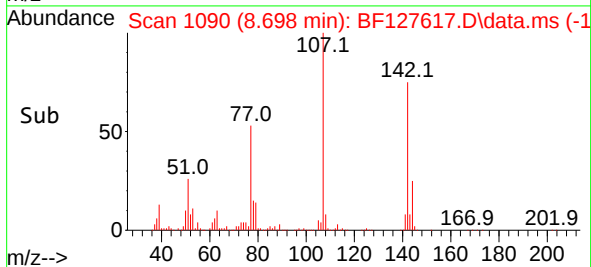
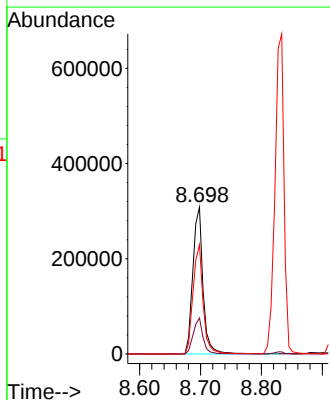
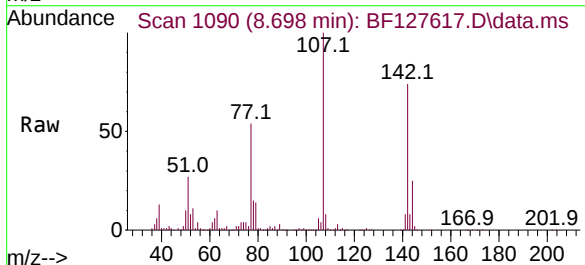
Instrument :
 BNA_F
 ClientSampleId :
 MHEMS

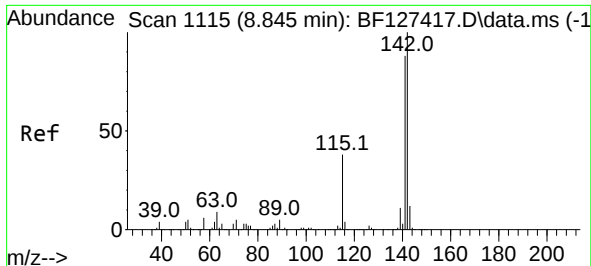
Tgt Ion:113 Resp: 54183
 Ion Ratio Lower Upper
 113 100
 55 242.5 218.7 258.7
 56 175.9 156.2 196.2



#36
 4-Chloro-3-methylphenol
 Concen: 49.781 ng
 RT: 8.698 min Scan# 1090
 Delta R.T. 0.018 min
 Lab File: BF127617.D
 Acq: 01 Apr 2022 17:36

Tgt Ion:107 Resp: 357267
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.3 28.9
 142 74.5 59.8 89.8

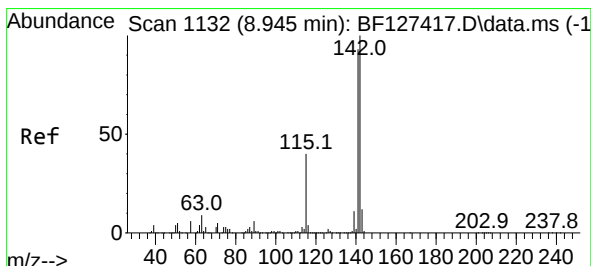
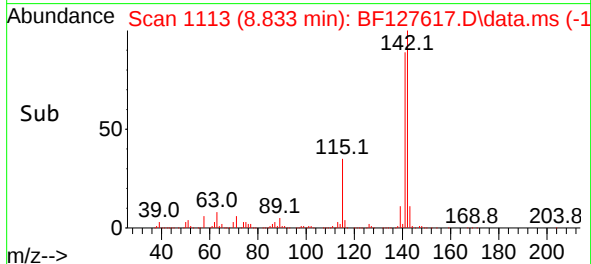
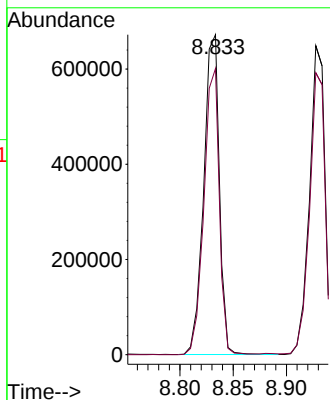
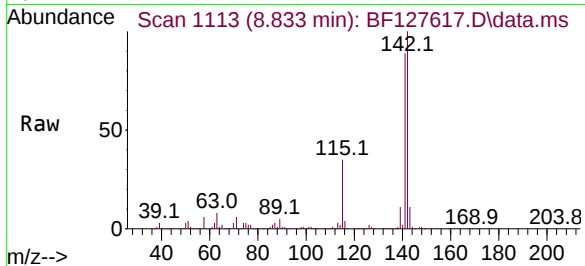




#37
2-Methylnaphthalene
Concen: 48.743 ng
RT: 8.833 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

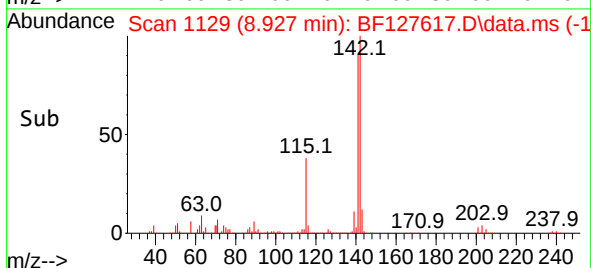
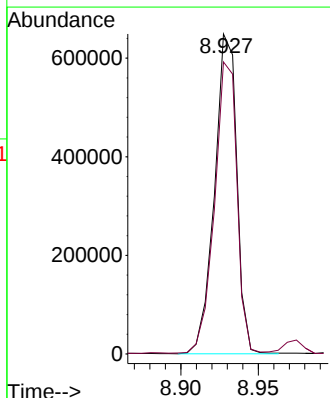
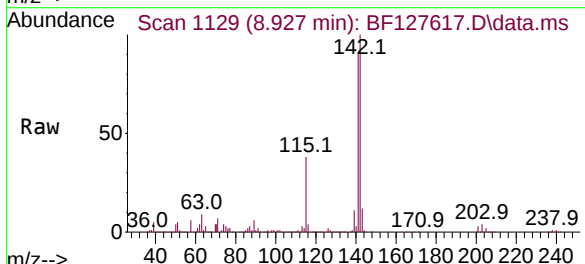
Instrument :
BNA_F
ClientSampleId :
MHMS

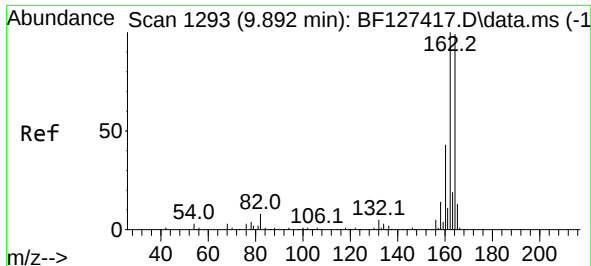
Tgt Ion:142 Resp: 688837
Ion Ratio Lower Upper
142 100
141 89.4 70.6 106.0



#38
1-Methylnaphthalene
Concen: 46.407 ng
RT: 8.927 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion:142 Resp: 648503
Ion Ratio Lower Upper
142 100
141 91.2 74.2 111.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

Instrument :

BNA_F

ClientSampleId :

MHEMS

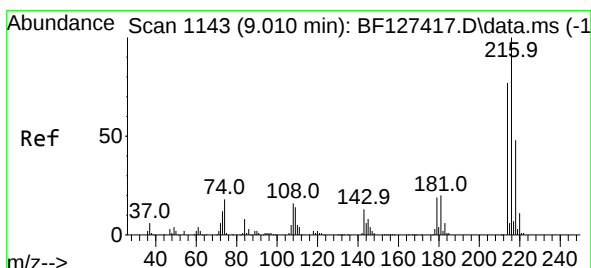
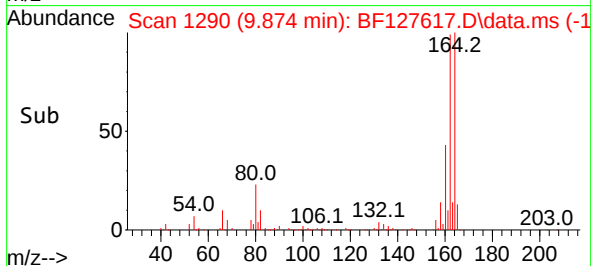
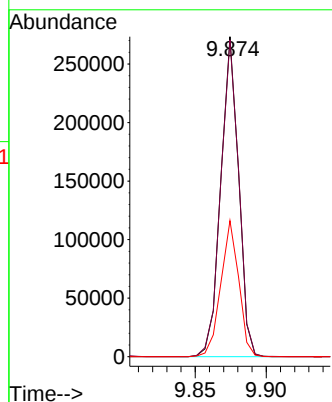
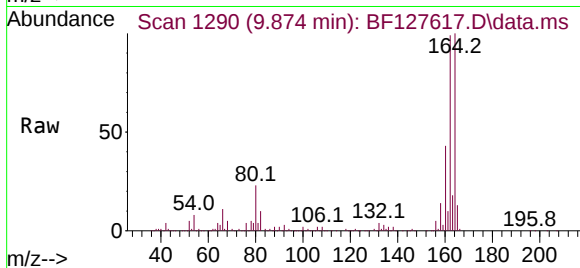
Tgt Ion:164 Resp: 237611

Ion Ratio Lower Upper

164 100

162 99.0 81.2 121.8

160 42.5 34.6 52.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.519 ng

RT: 8.998 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

Tgt Ion:216 Resp: 351448

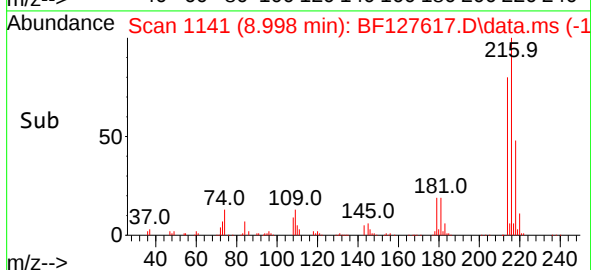
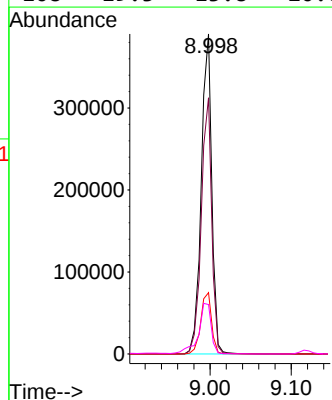
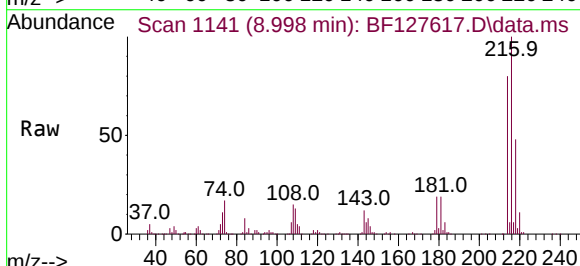
Ion Ratio Lower Upper

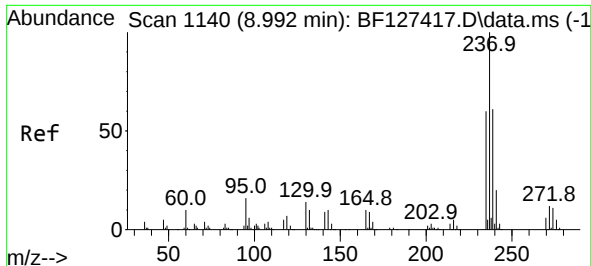
216 100

214 79.9 63.0 94.4

179 19.9 15.5 23.3

108 19.3 13.8 20.6

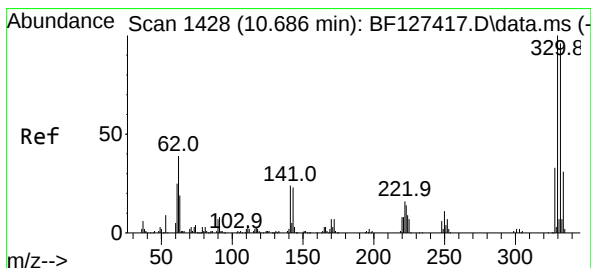
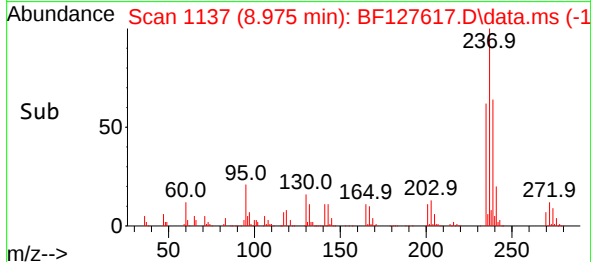
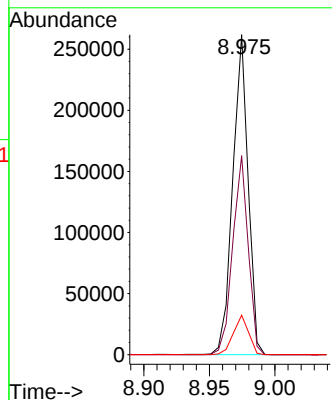
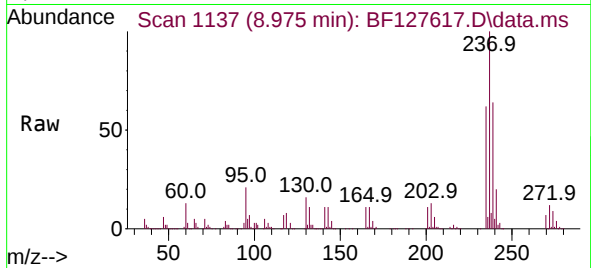




#41
Hexachlorocyclopentadiene
Concen: 81.272 ng
RT: 8.975 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

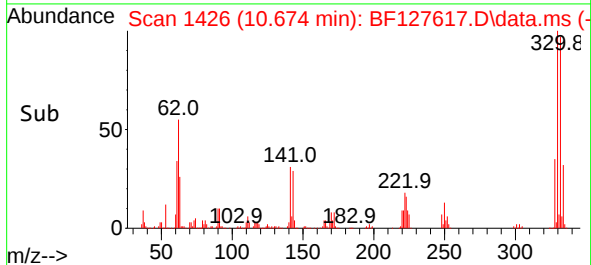
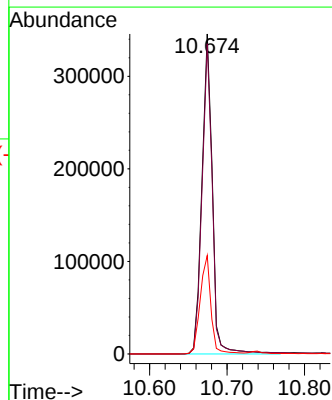
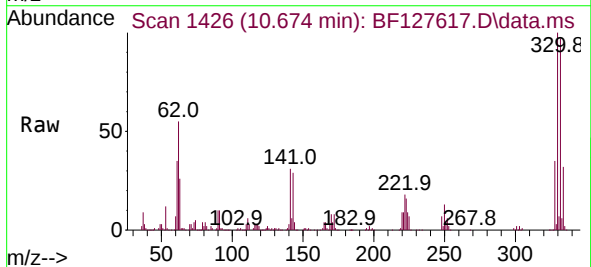
Instrument :
BNA_F
ClientSampleId :
MHEMS

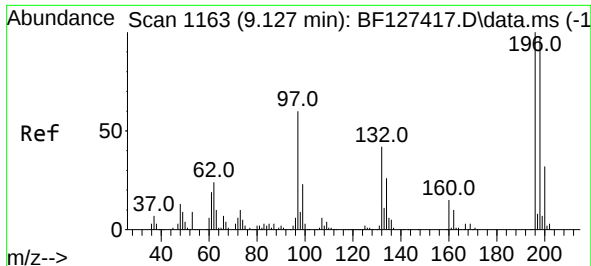
Tgt Ion:237 Resp: 213752
Ion Ratio Lower Upper
237 100
235 62.2 40.4 80.4
272 12.3 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 127.563 ng
RT: 10.674 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion:330 Resp: 322882
Ion Ratio Lower Upper
330 100
332 96.0 79.1 118.7
141 31.8 26.2 39.4





#43

2,4,6-Trichlorophenol

Concen: 50.013 ng

RT: 9.122 min Scan# 1162

Delta R.T. 0.006 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

Instrument :

BNA_F

ClientSampleId :

MHEMS

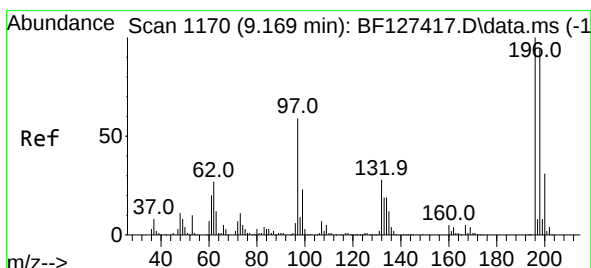
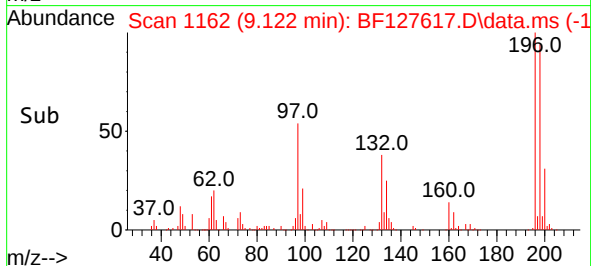
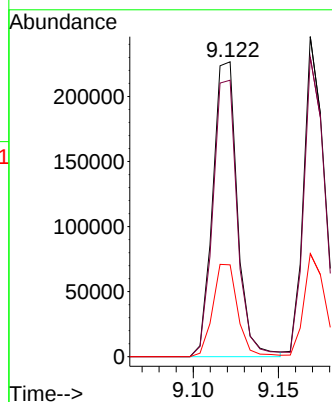
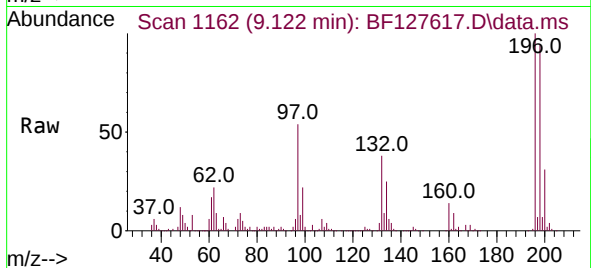
Tgt Ion:196 Resp: 228396

Ion Ratio Lower Upper

196 100

198 93.7 77.8 116.6

200 31.2 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 49.153 ng

RT: 9.169 min Scan# 1170

Delta R.T. 0.006 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

Tgt Ion:196 Resp: 231066

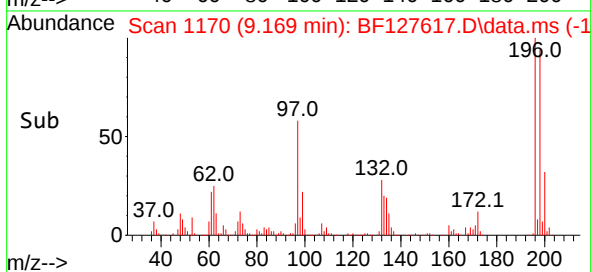
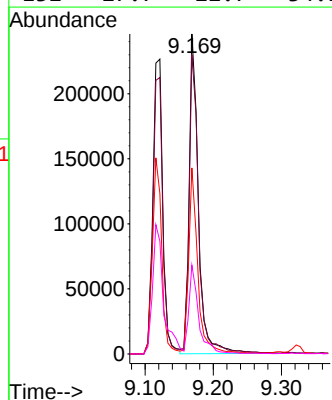
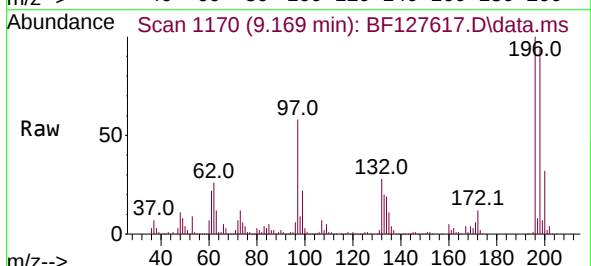
Ion Ratio Lower Upper

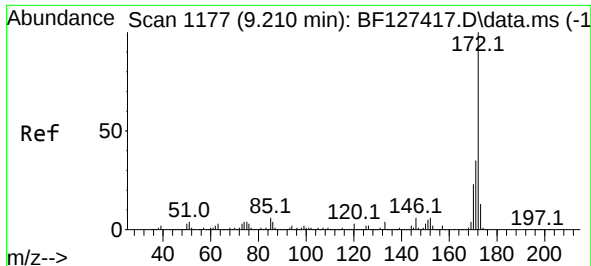
196 100

198 93.6 75.3 112.9

97 58.1 46.8 70.2

132 27.7 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 85.991 ng

RT: 9.192 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

Instrument :

BNA_F

ClientSampleId :

MHEMS

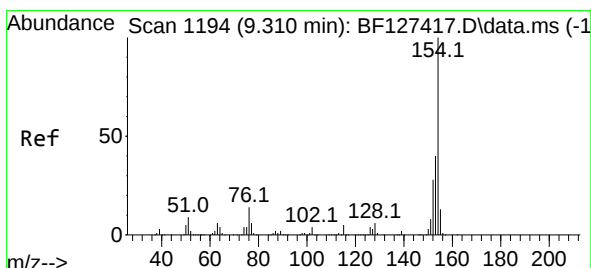
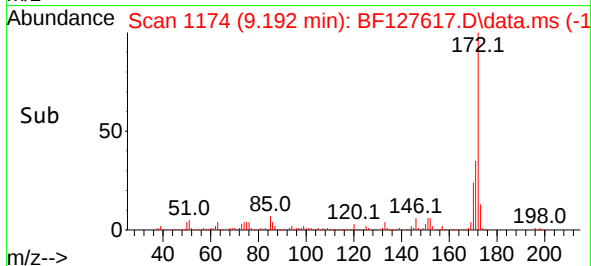
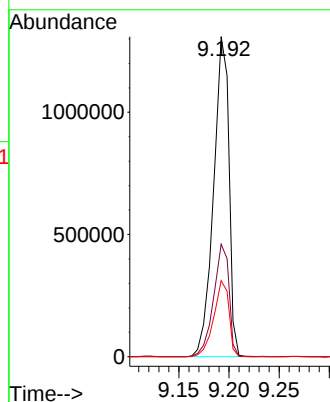
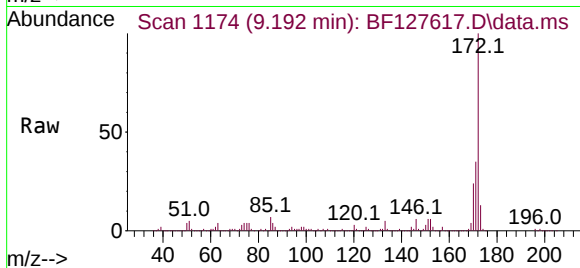
Tgt Ion:172 Resp: 1399252

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.8 18.6 27.8



#46

1,1'-Biphenyl

Concen: 47.208 ng

RT: 9.298 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

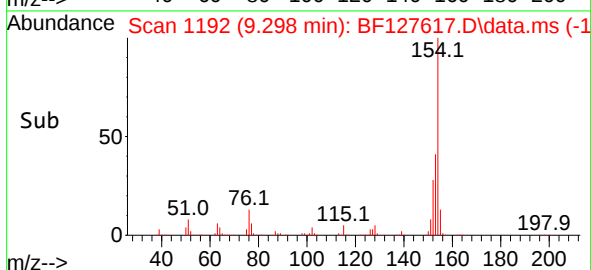
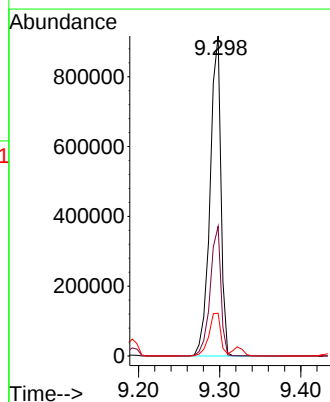
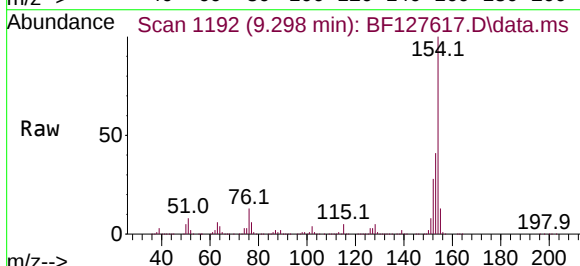
Tgt Ion:154 Resp: 847195

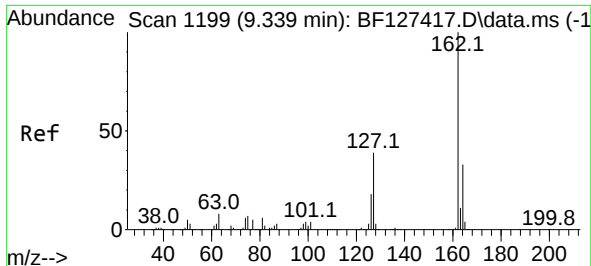
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 13.4 0.0 33.9





#47

2-Chloronaphthalene

Concen: 47.674 ng

RT: 9.322 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

Instrument :

BNA_F

ClientSampleId :

MHEMS

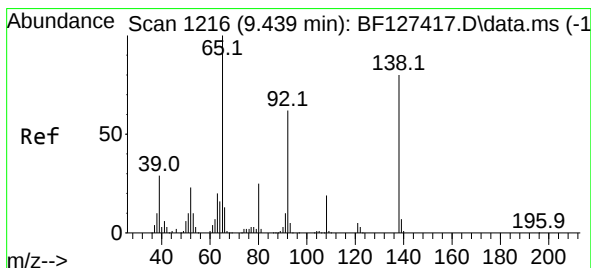
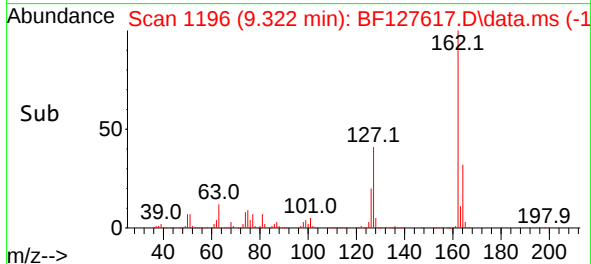
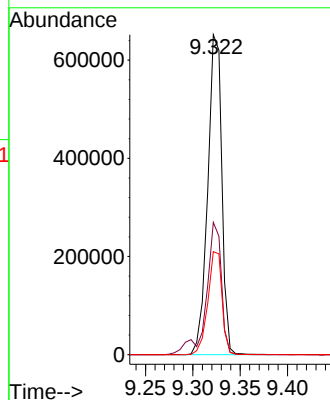
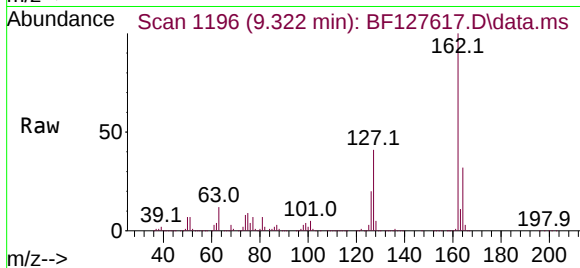
Tgt Ion:162 Resp: 673724

Ion Ratio Lower Upper

162 100

127 41.3 31.8 47.6

164 32.2 26.4 39.6



#48

2-Nitroaniline

Concen: 48.963 ng

RT: 9.433 min Scan# 1215

Delta R.T. 0.006 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

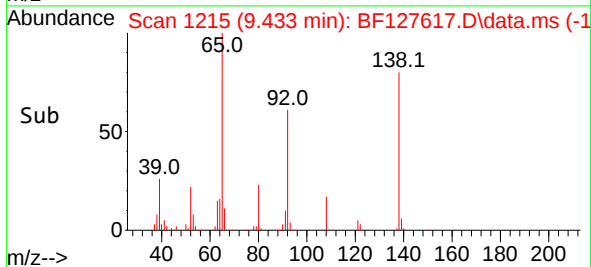
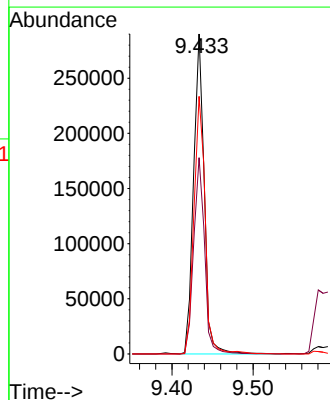
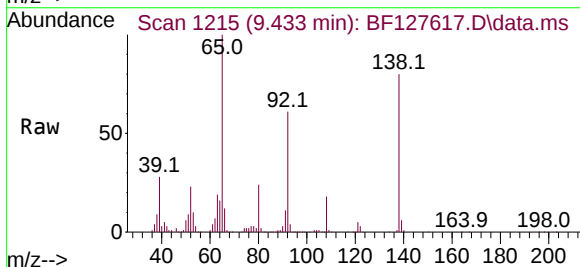
Tgt Ion: 65 Resp: 265190

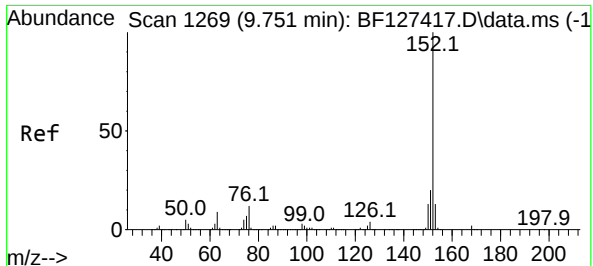
Ion Ratio Lower Upper

65 100

92 61.4 50.0 75.0

138 80.5 64.1 96.1





#49

Acenaphthylene

Concen: 48.185 ng

RT: 9.739 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

Instrument :

BNA_F

ClientSampleId :

MHEMS

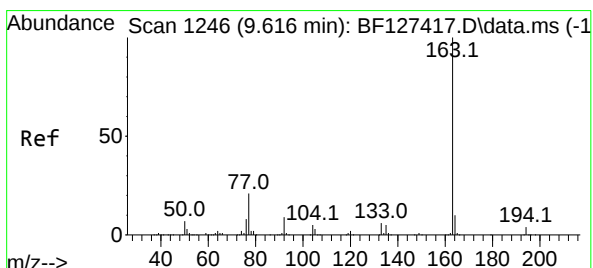
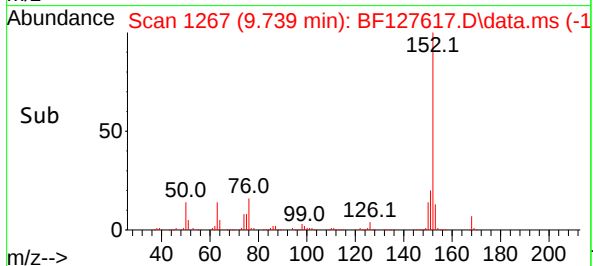
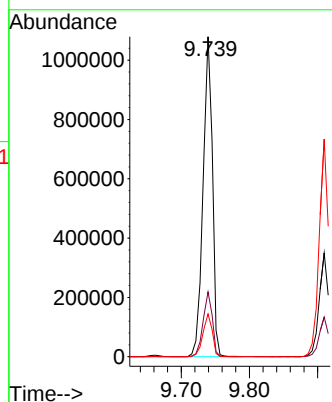
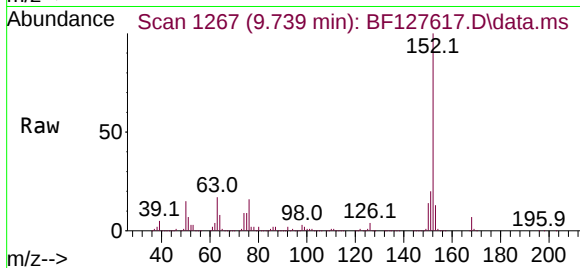
Tgt Ion:152 Resp: 1029430

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

153 13.4 10.5 15.7



#50

Dimethylphthalate

Concen: 50.024 ng

RT: 9.604 min Scan# 1244

Delta R.T. 0.006 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

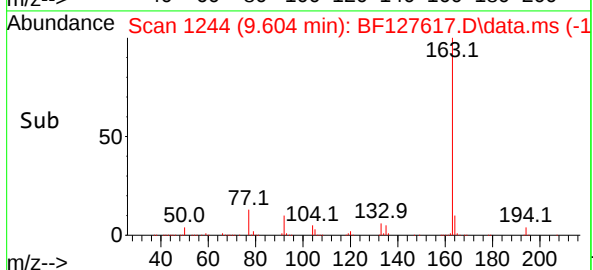
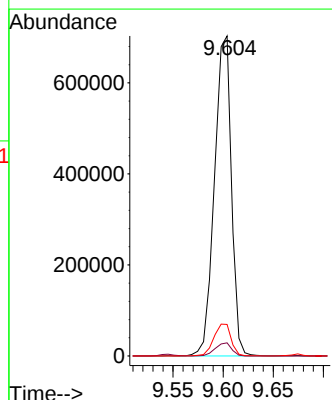
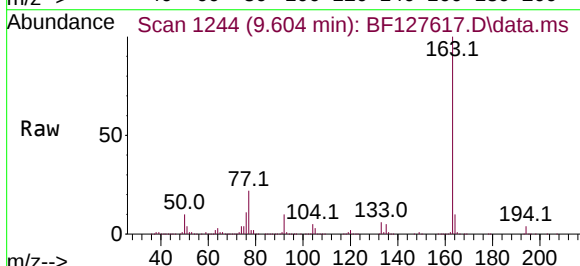
Tgt Ion:163 Resp: 826903

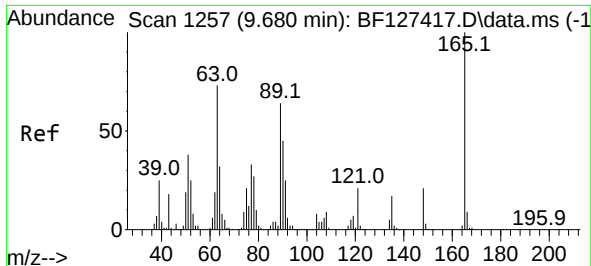
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.8 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 49.720 ng

RT: 9.675 min Scan# 1256

Delta R.T. 0.006 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

Instrument :

BNA_F

ClientSampleId :

MHEMS

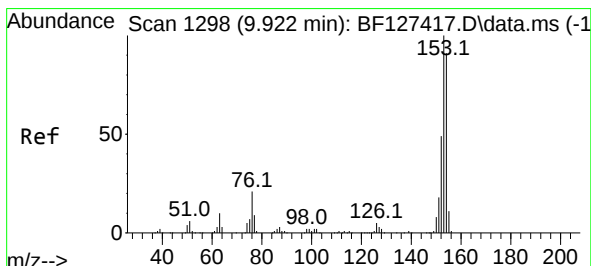
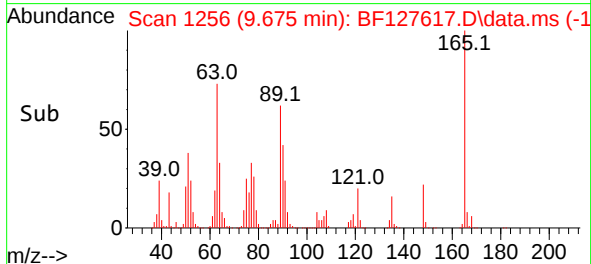
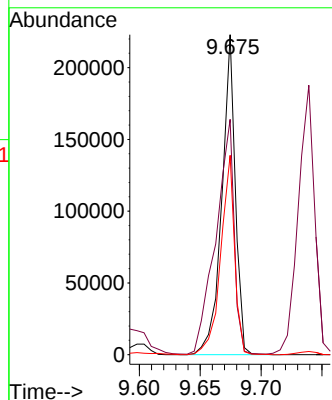
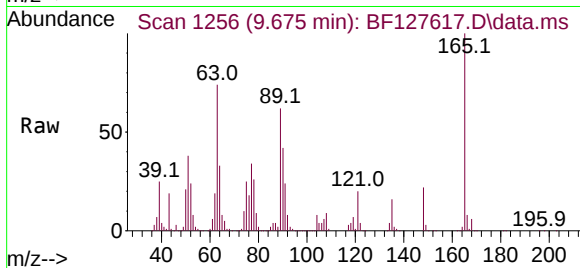
Tgt Ion:165 Resp: 172522

Ion Ratio Lower Upper

165 100

63 73.5 58.3 87.5

89 62.3 51.5 77.3



#52

Acenaphthene

Concen: 48.747 ng

RT: 9.910 min Scan# 1296

Delta R.T. 0.000 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

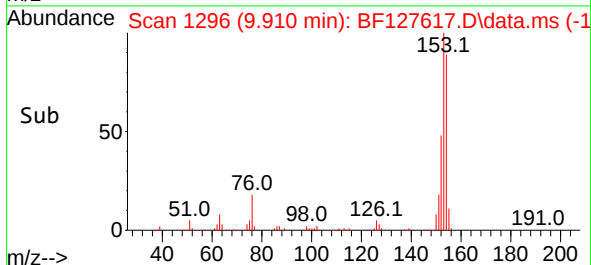
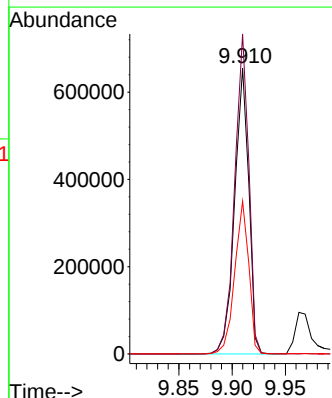
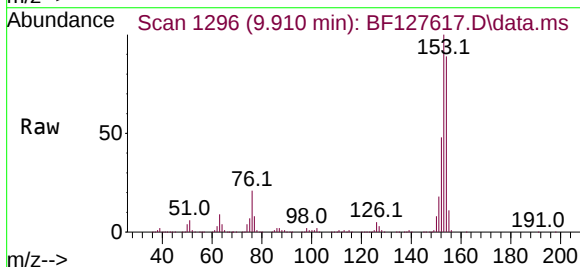
Tgt Ion:154 Resp: 607636

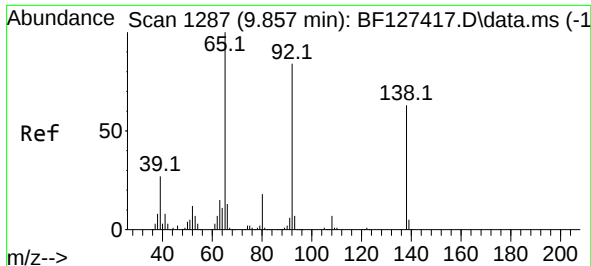
Ion Ratio Lower Upper

154 100

153 111.9 87.6 131.4

152 53.4 42.9 64.3

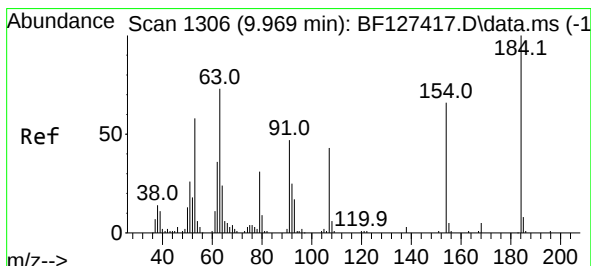
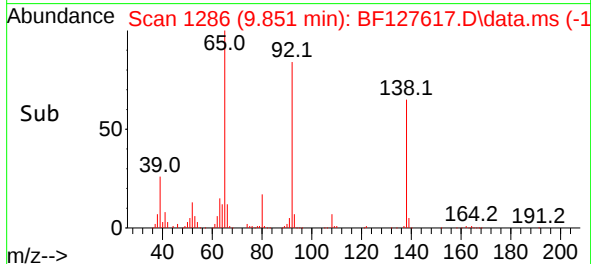
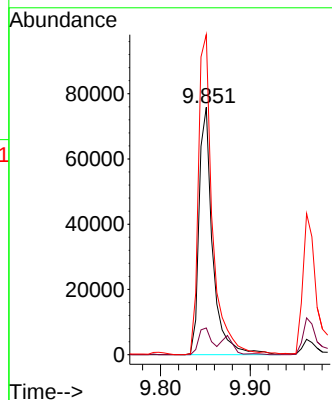
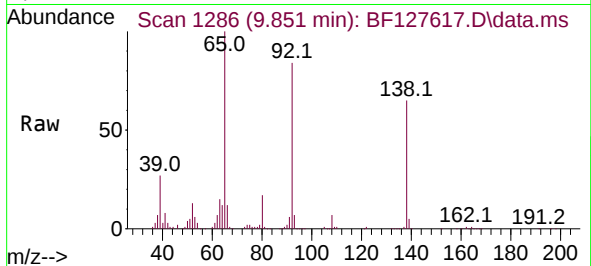




#53
3-Nitroaniline
Concen: 20.936 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

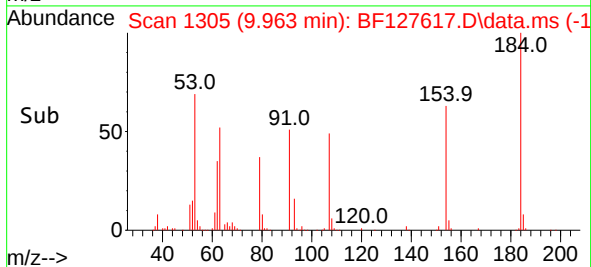
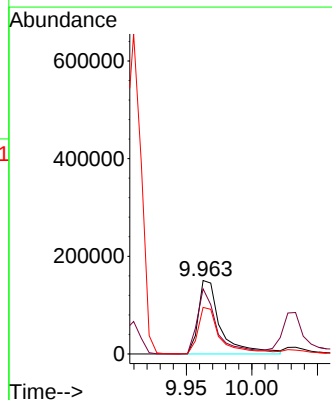
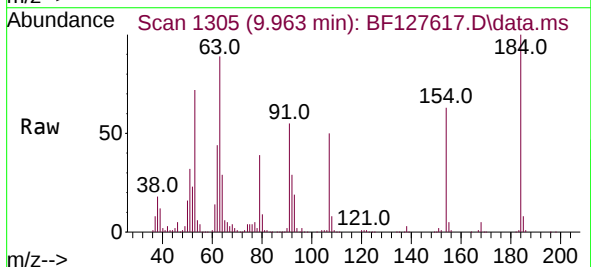
Instrument :
BNA_F
ClientSampleId :
MHMS

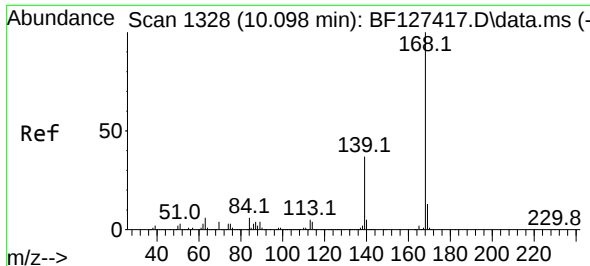
Tgt Ion:138 Resp: 79690
Ion Ratio Lower Upper
138 100
108 10.8 9.4 14.0
92 129.4 106.1 159.1



#54
2,4-Dinitrophenol
Concen: 99.548 ng
RT: 9.963 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion:184 Resp: 178510
Ion Ratio Lower Upper
184 100
63 88.8 58.1 87.1#
154 63.5 53.2 79.8

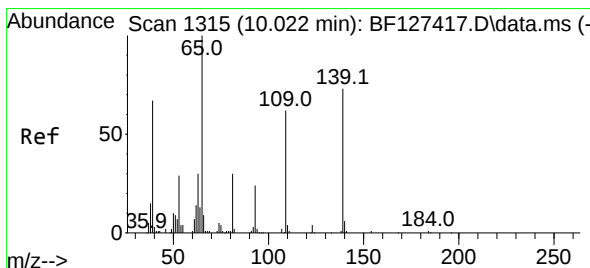
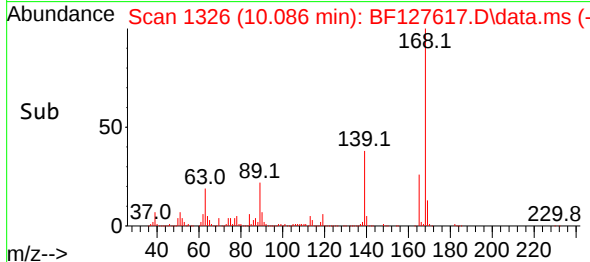
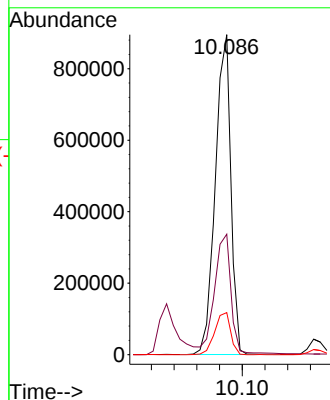
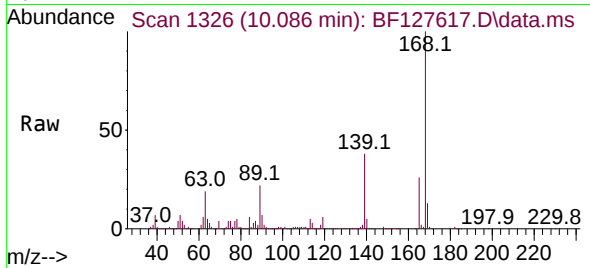




#55
Dibenzofuran
Concen: 47.373 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

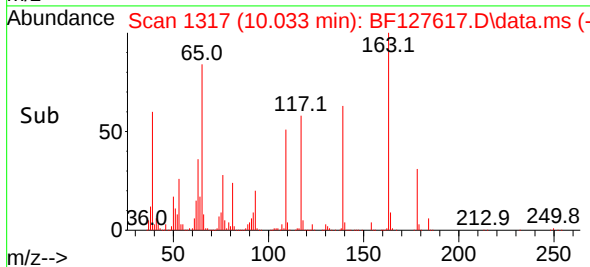
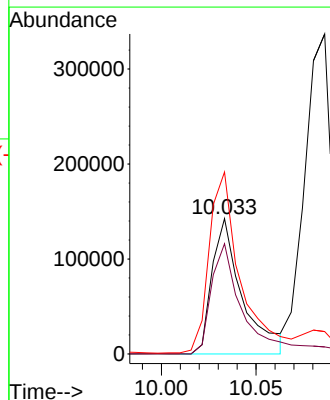
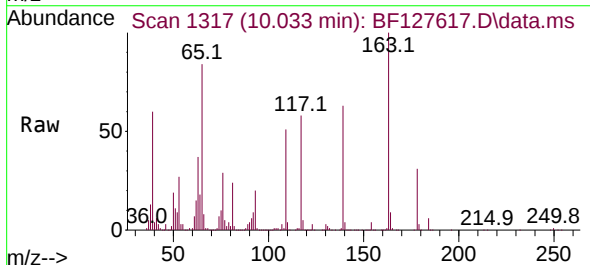
Instrument :
BNA_F
ClientSampleId :
MHMS

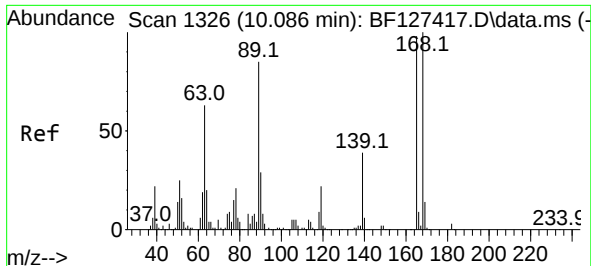
Tgt Ion:168 Resp: 848917
Ion Ratio Lower Upper
168 100
139 37.6 30.3 45.5
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 81.789 ng
RT: 10.033 min Scan# 1317
Delta R.T. 0.018 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion:139 Resp: 158448
Ion Ratio Lower Upper
139 100
109 81.4 64.3 104.3
65 134.4 117.5 157.5

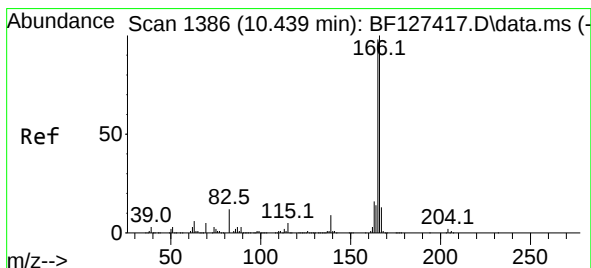
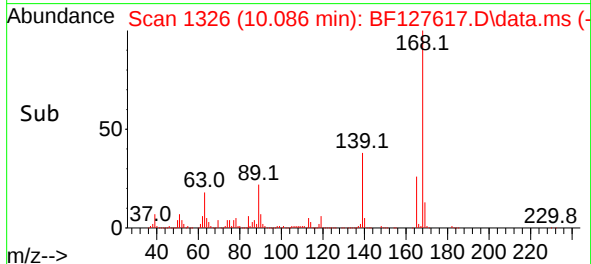
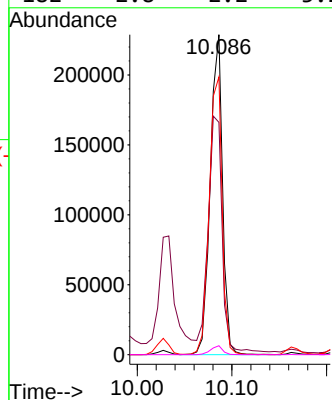
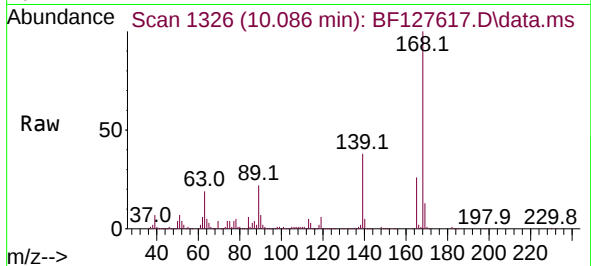




#57
2,4-Dinitrotoluene
Concen: 45.921 ng
RT: 10.086 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

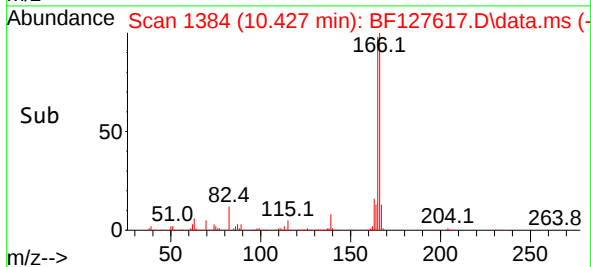
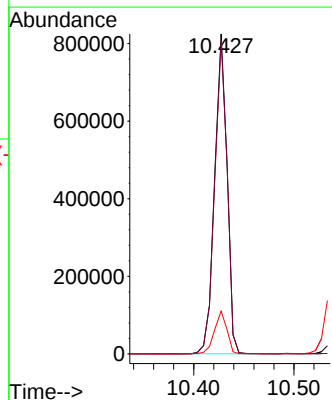
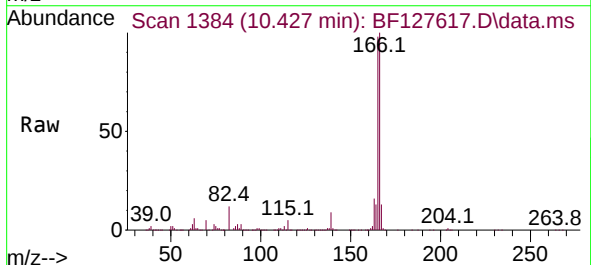
Instrument :
BNA_F
ClientSampleId :
MHMS

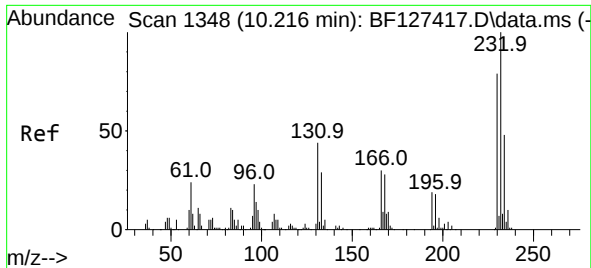
Tgt Ion:165 Resp: 205096
Ion Ratio Lower Upper
165 100
63 72.6 53.1 79.7
89 86.8 69.2 103.8
182 2.8 2.2 3.2



#58
Fluorene
Concen: 49.411 ng
RT: 10.427 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion:166 Resp: 710060
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 13.4 10.5 15.7

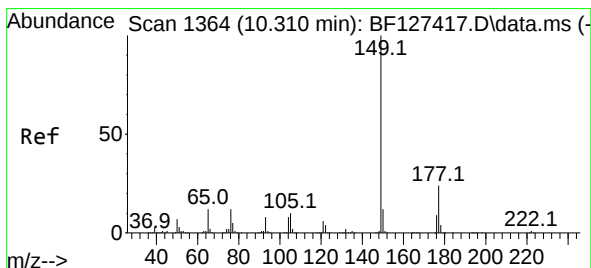
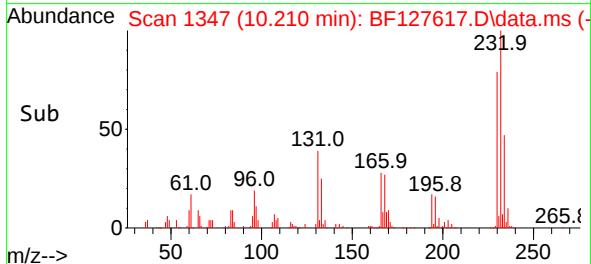
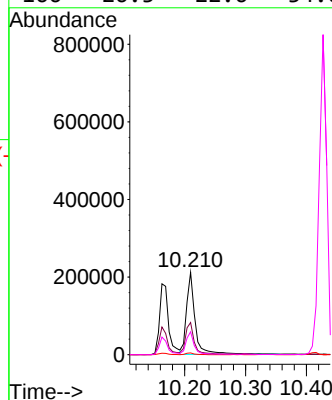
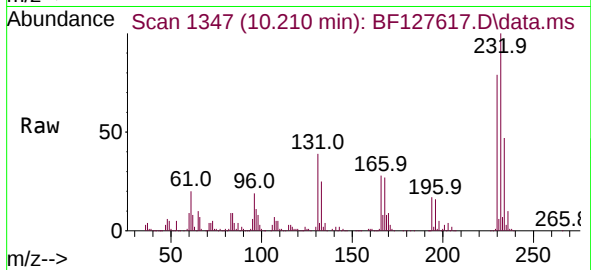




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.849 ng
RT: 10.210 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

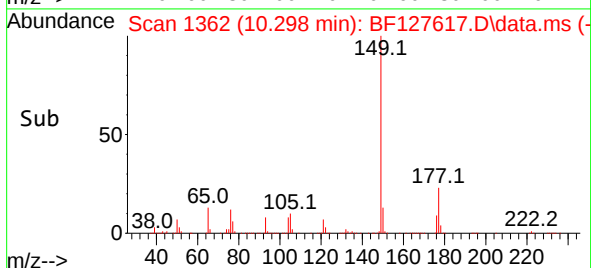
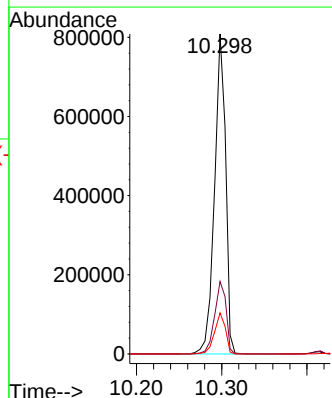
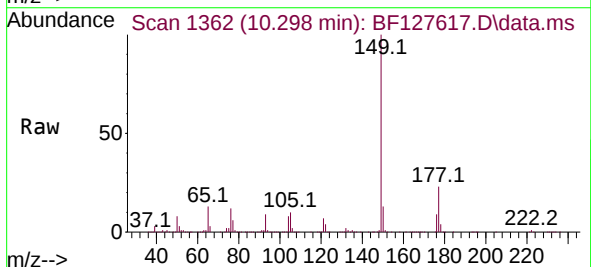
Instrument :
BNA_F
ClientSampleId :
MHMS

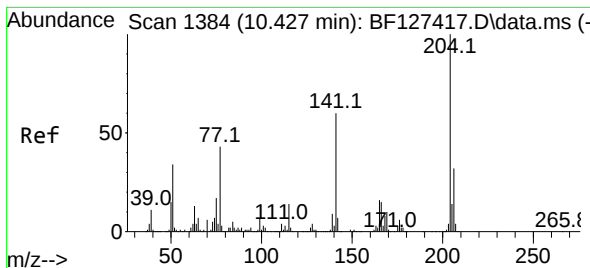
Tgt Ion:232 Resp: 207188
Ion Ratio Lower Upper
232 100
131 38.2 33.4 50.0
130 2.1 1.8 2.6
166 26.3 22.6 34.0



#60
Diethylphthalate
Concen: 48.454 ng
RT: 10.298 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion:149 Resp: 731563
Ion Ratio Lower Upper
149 100
177 22.7 18.9 28.3
150 12.8 10.0 15.0

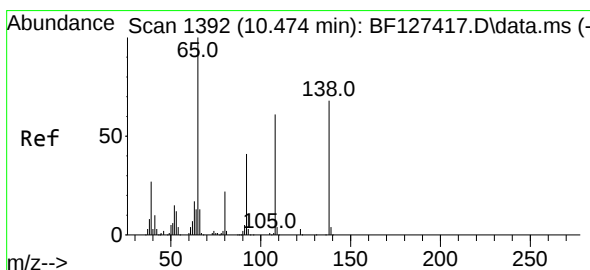
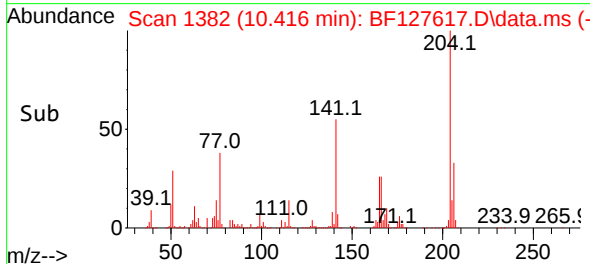
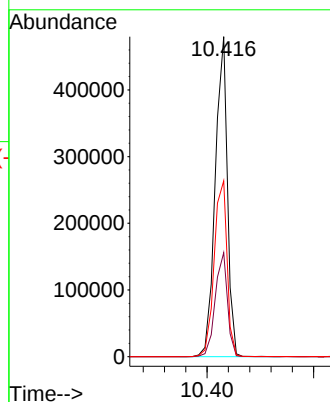
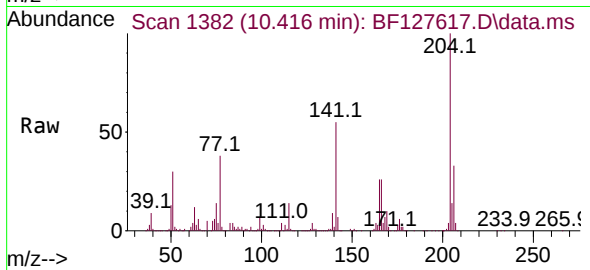




#61
4-Chlorophenyl-phenylether
Concen: 44.375 ng
RT: 10.416 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

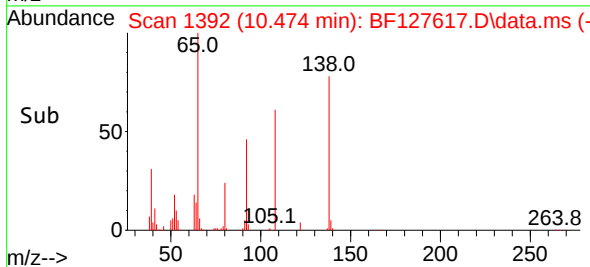
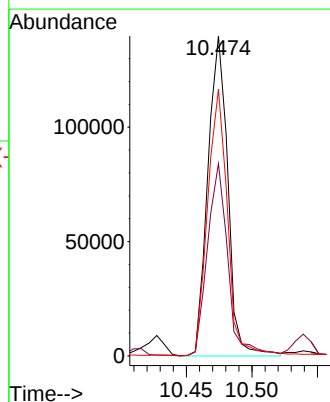
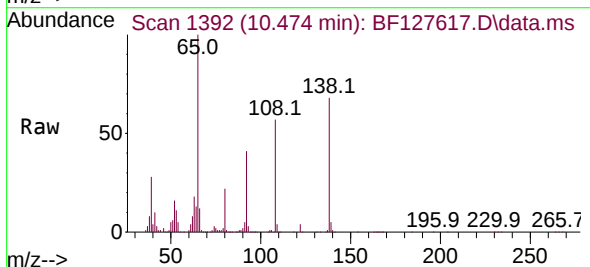
Instrument :
BNA_F
ClientSampleId :
MHMS

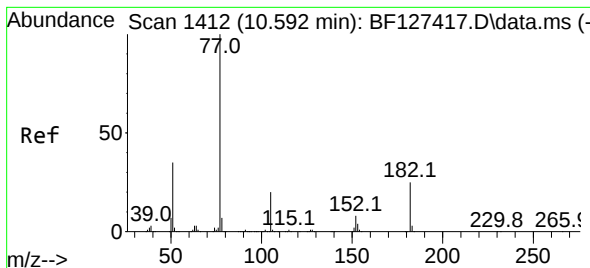
Tgt Ion:204 Resp: 379112
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 55.0 47.8 71.8



#62
4-Nitroaniline
Concen: 41.550 ng
RT: 10.474 min Scan# 1392
Delta R.T. 0.012 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion:138 Resp: 148136
Ion Ratio Lower Upper
138 100
92 60.1 40.5 80.5
108 83.4 69.2 109.2





#63

Azobenzene

Concen: 47.305 ng

RT: 10.574 min Scan# 1412

Delta R.T. 0.000 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

Instrument :

BNA_F

ClientSampleId :

MHEMS

Tgt Ion: 77 Resp: 842744

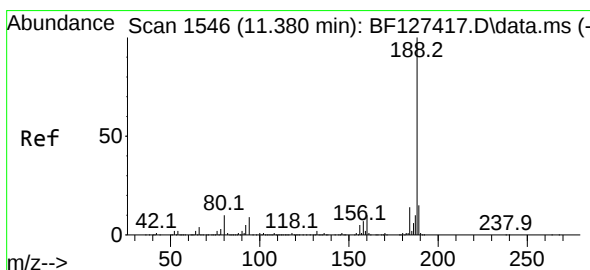
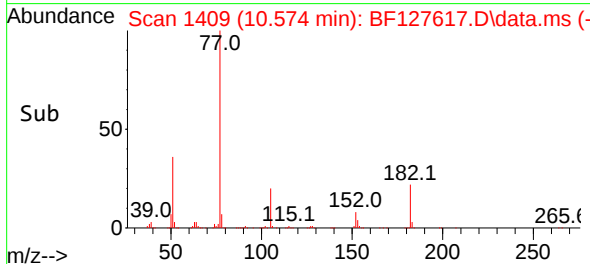
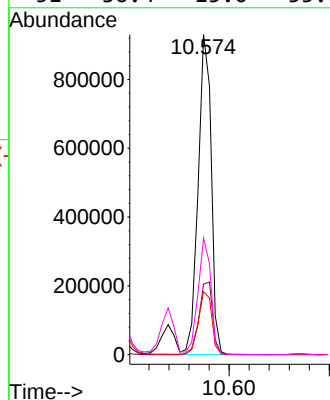
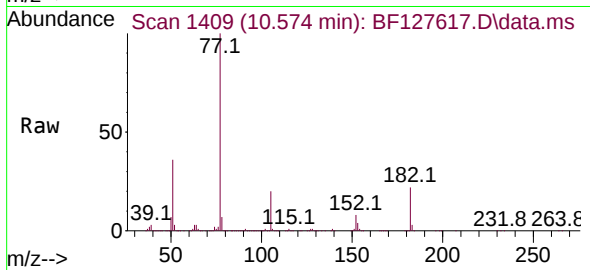
Ion Ratio Lower Upper

77 100

182 22.1 4.5 44.5

105 19.7 0.3 40.3

51 36.4 15.0 55.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.368 min Scan# 1544

Delta R.T. 0.006 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

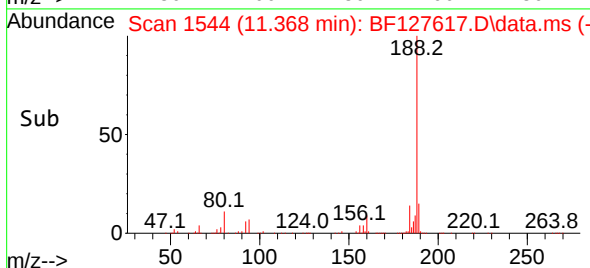
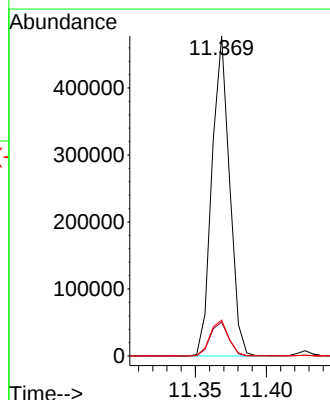
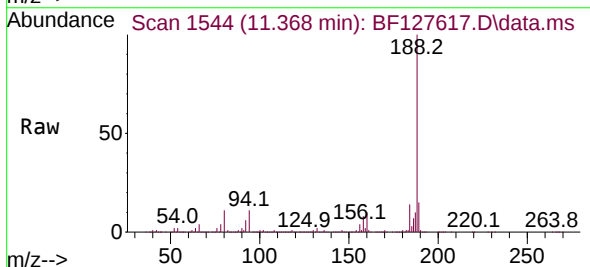
Tgt Ion: 188 Resp: 413643

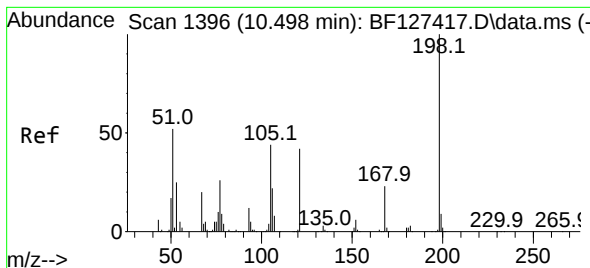
Ion Ratio Lower Upper

188 100

94 10.6 7.4 11.0

80 11.2 8.0 12.0

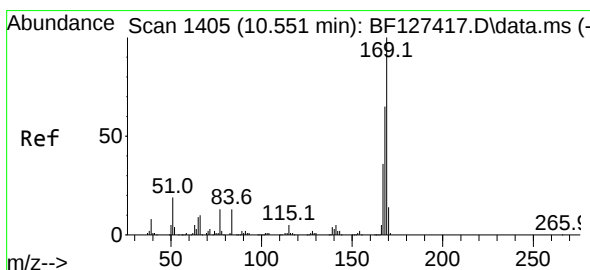
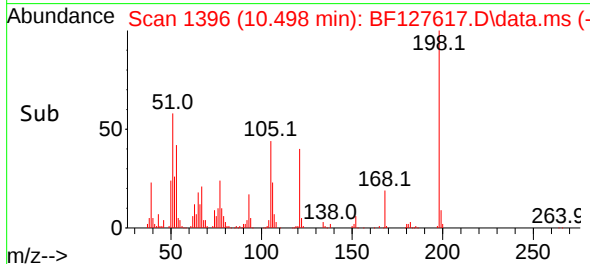
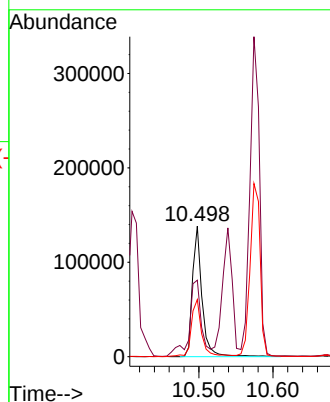
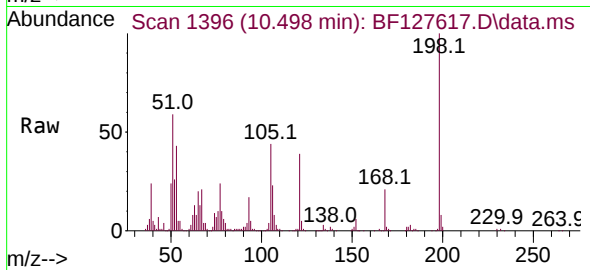




#65
4,6-Dinitro-2-methylphenol
Concen: 49.135 ng
RT: 10.498 min Scan# 1396
Delta R.T. 0.012 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

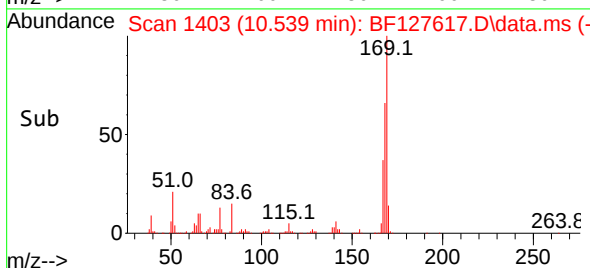
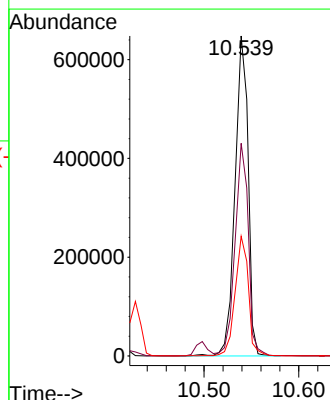
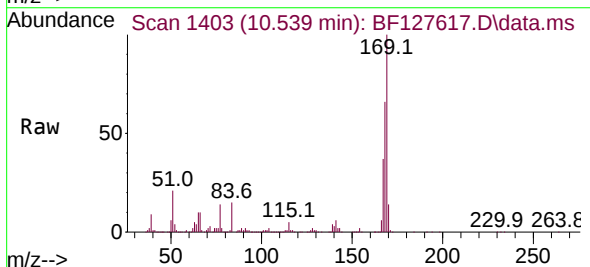
Instrument :
BNA_F
ClientSampleId :
MHMS

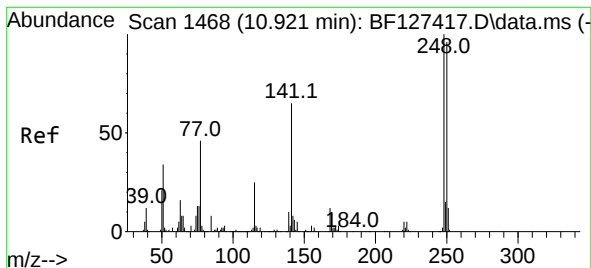
Tgt Ion:198 Resp: 125061
Ion Ratio Lower Upper
198 100
51 58.6 42.7 82.7
105 43.7 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 49.351 ng
RT: 10.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion:169 Resp: 621410
Ion Ratio Lower Upper
169 100
168 66.4 52.7 79.1
167 37.4 28.9 43.3

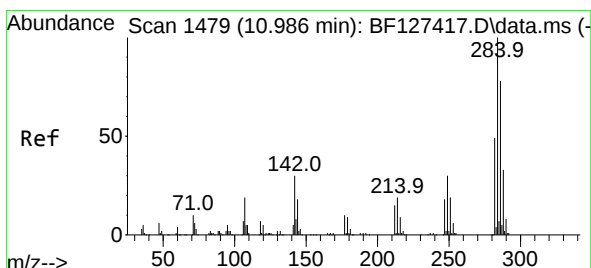
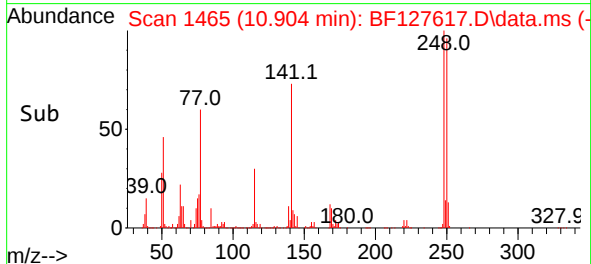
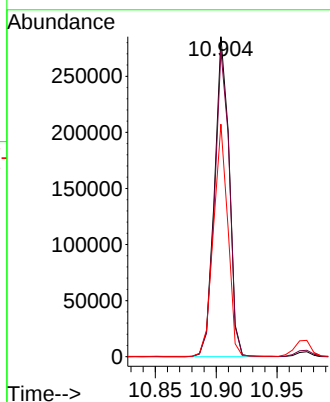
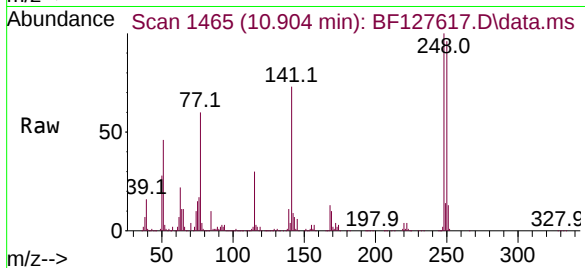




#67
4-Bromophenyl-phenylether
Concen: 49.521 ng
RT: 10.904 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

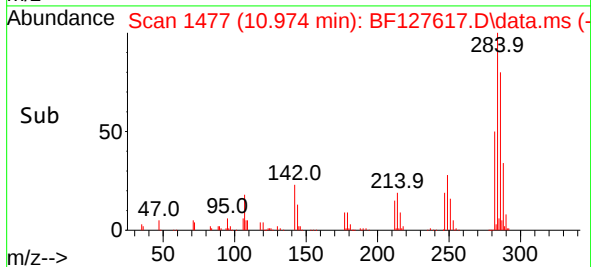
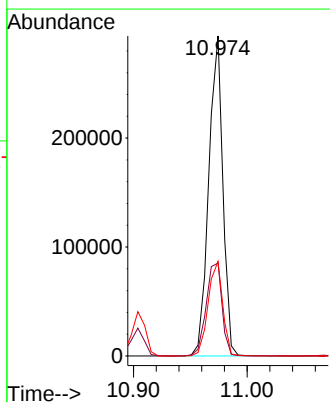
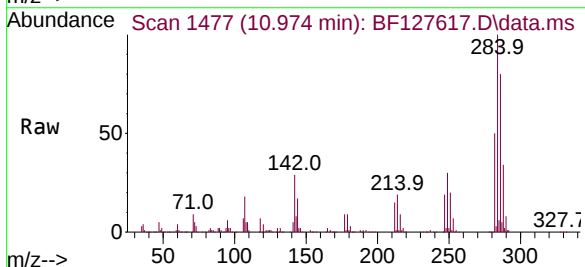
Instrument :
BNA_F
ClientSampleId :
MHMS

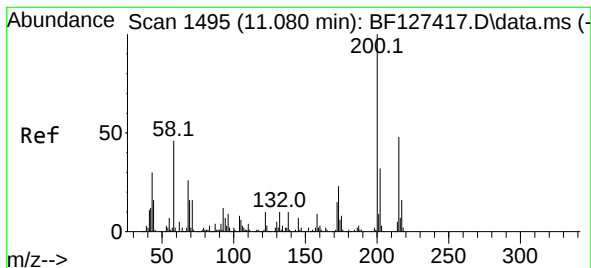
Tgt Ion:248 Resp: 239154
Ion Ratio Lower Upper
248 100
250 95.6 76.6 115.0
141 72.7 52.2 78.2



#68
Hexachlorobenzene
Concen: 48.027 ng
RT: 10.974 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion:284 Resp: 253175
Ion Ratio Lower Upper
284 100
142 29.1 23.8 35.8
249 29.6 23.9 35.9





#69

Atrazine

Concen: 49.401 ng

RT: 11.069 min Scan# 1495

Delta R.T. 0.006 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

Instrument :

BNA_F

ClientSampleId :

MHEMS

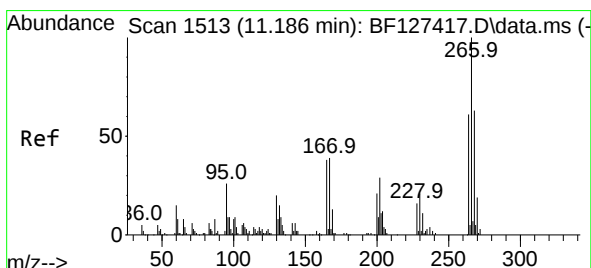
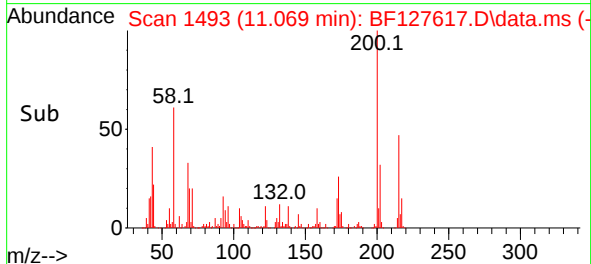
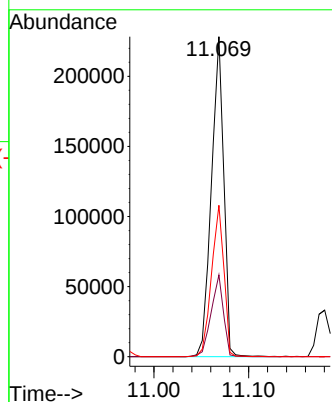
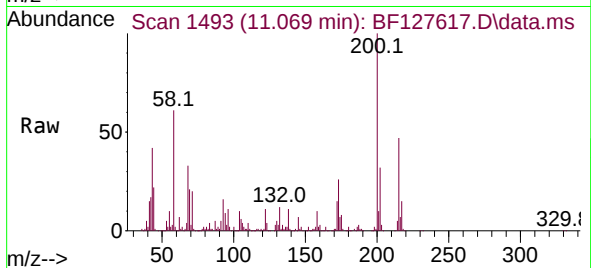
Tgt Ion:200 Resp: 207079

Ion Ratio Lower Upper

200 100

173 25.5 2.9 42.9

215 47.3 28.0 68.0



#70

Pentachlorophenol

Concen: 106.153 ng

RT: 11.180 min Scan# 1512

Delta R.T. 0.006 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

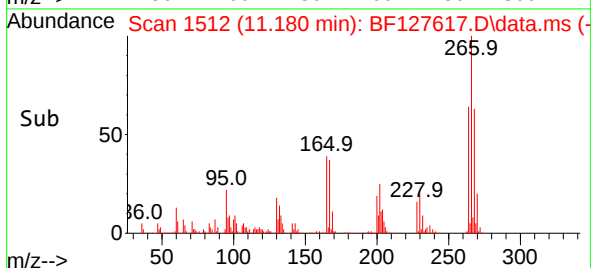
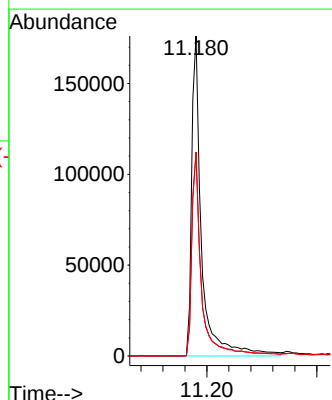
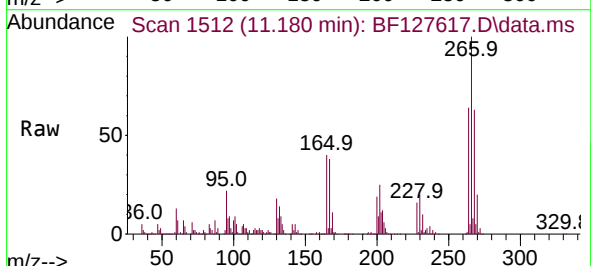
Tgt Ion:266 Resp: 220954

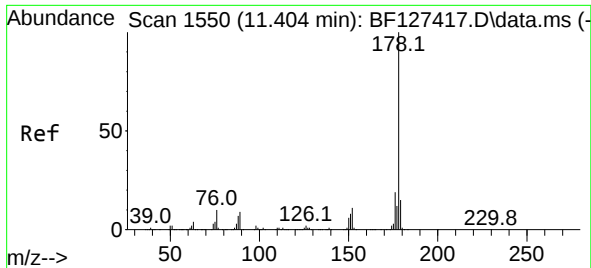
Ion Ratio Lower Upper

266 100

268 63.3 50.4 75.6

264 63.7 48.5 72.7

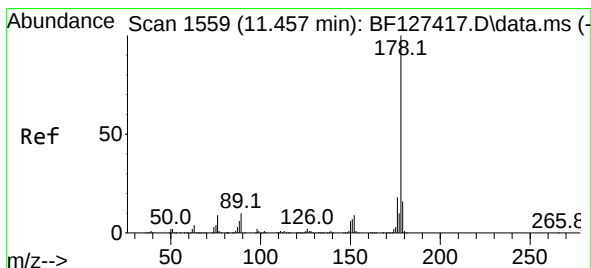
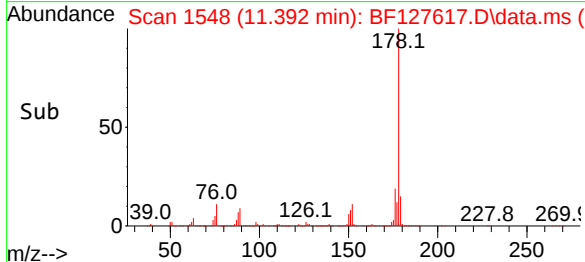
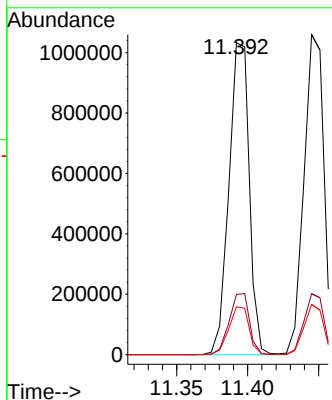
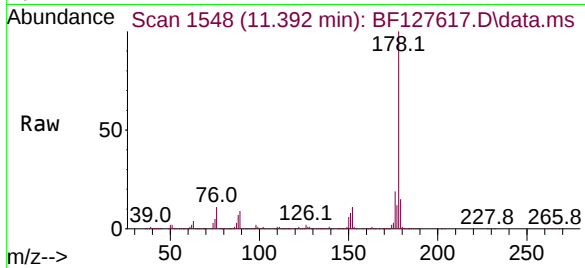




#71
Phenanthrene
Concen: 47.752 ng
RT: 11.392 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

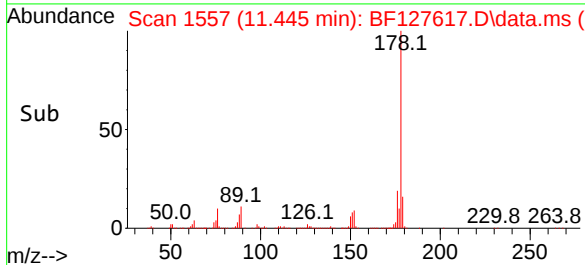
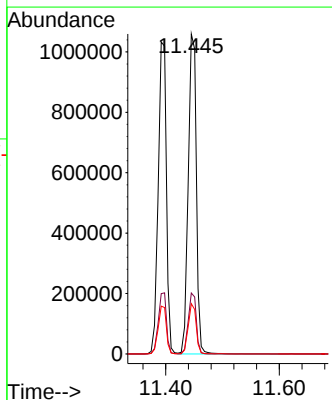
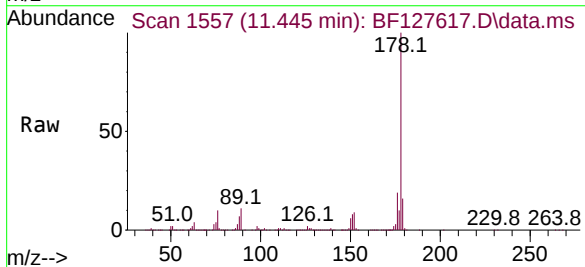
Instrument :
BNA_F
ClientSampleId :
MHMS

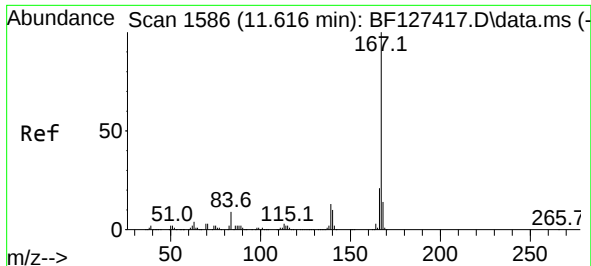
Tgt Ion:178 Resp: 1029762
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.4 12.4 18.6



#72
Anthracene
Concen: 48.870 ng
RT: 11.445 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion:178 Resp: 1045835
Ion Ratio Lower Upper
178 100
176 19.1 14.6 22.0
179 15.7 12.4 18.6

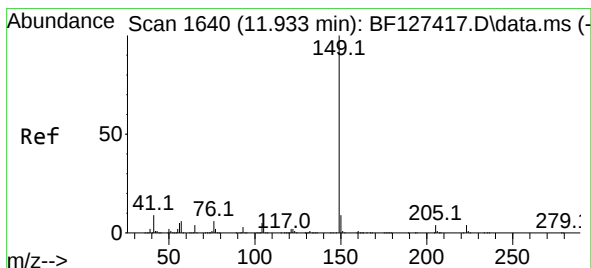
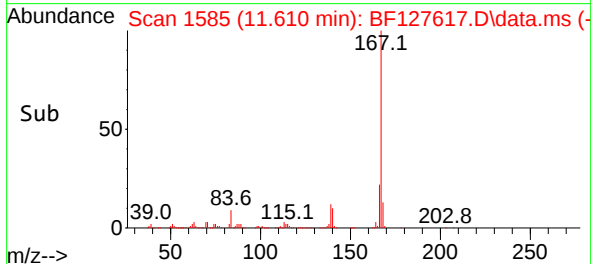
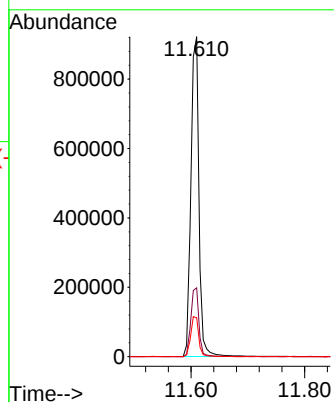
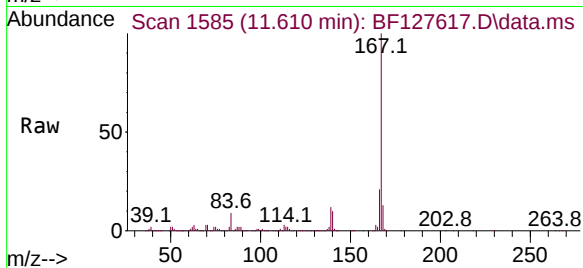




#73
Carbazole
Concen: 44.054 ng
RT: 11.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

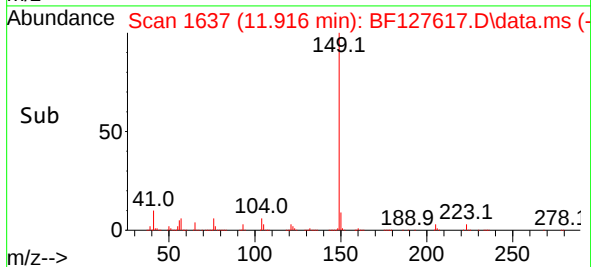
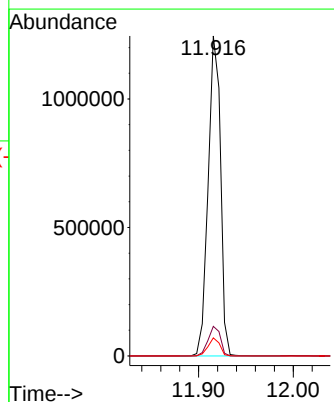
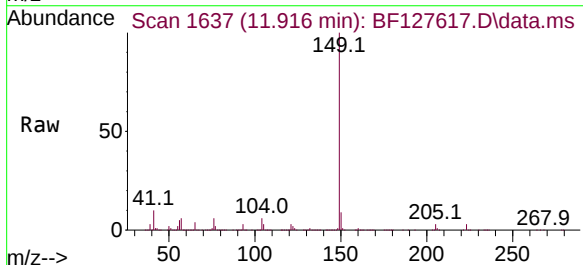
Instrument :
BNA_F
ClientSampleId :
MHMS

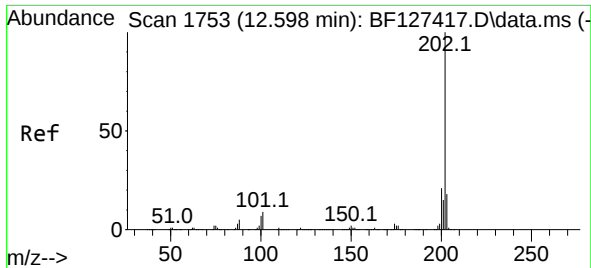
Tgt Ion:167 Resp: 901607
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.4
139 12.2 10.5 15.7



#74
Di-n-butylphthalate
Concen: 53.207 ng
RT: 11.916 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion:149 Resp: 1127142
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.6 4.2 6.2

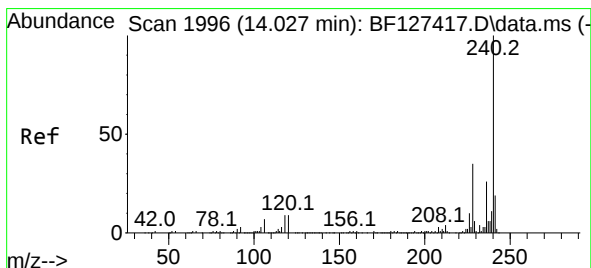
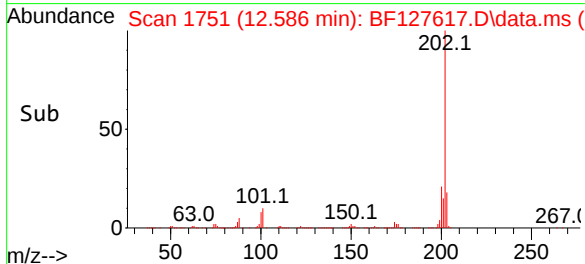
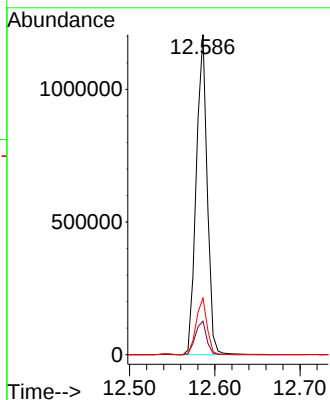
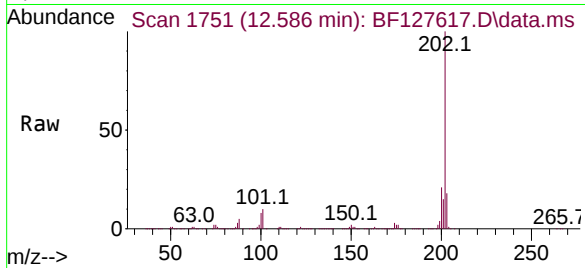




#75
Fluoranthene
Concen: 45.407 ng
RT: 12.586 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

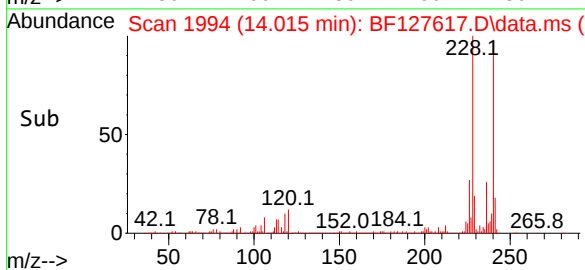
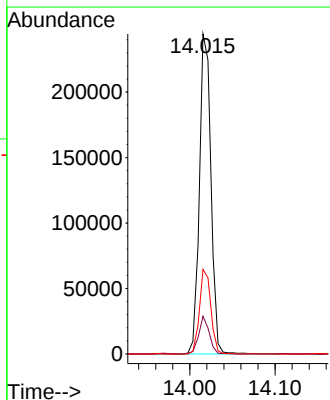
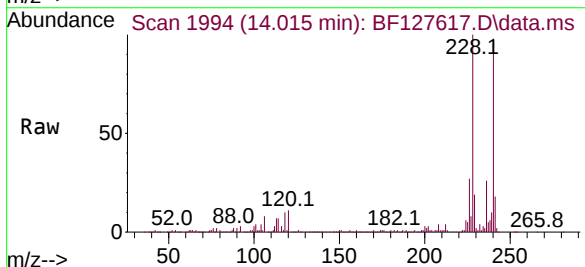
Instrument :
BNA_F
ClientSampleId :
MHMS

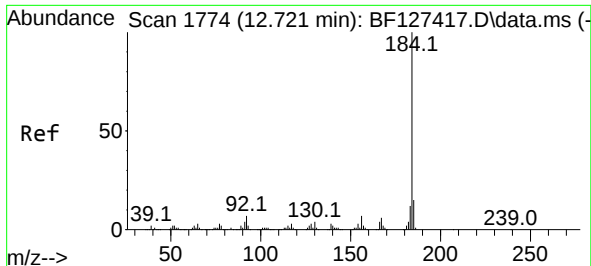
Tgt Ion:202 Resp: 1077010
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.0
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion:240 Resp: 229707
Ion Ratio Lower Upper
240 100
120 11.8 7.1 10.7#
236 26.4 20.7 31.1

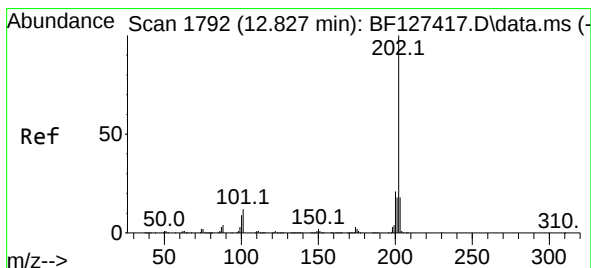
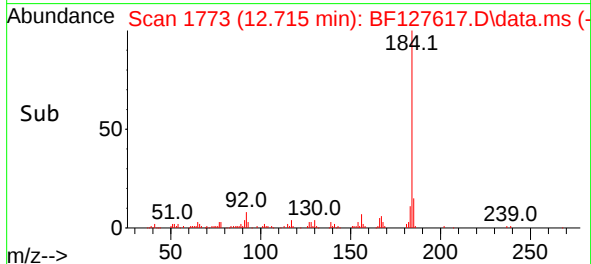
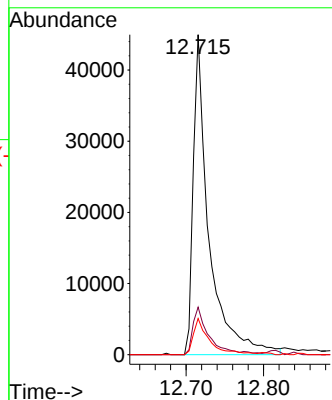
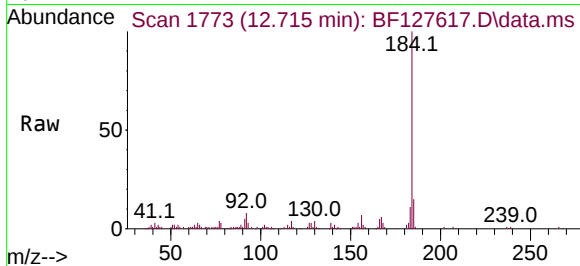




#77
Benzidine
Concen: 11.517 ng
RT: 12.715 min Scan# 1773
Delta R.T. 0.006 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

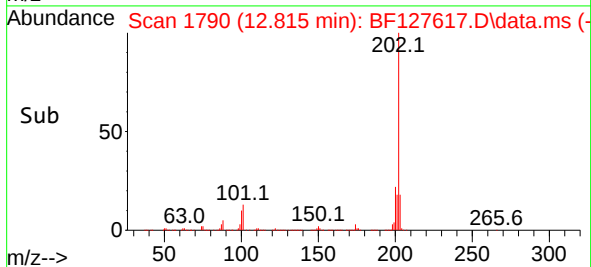
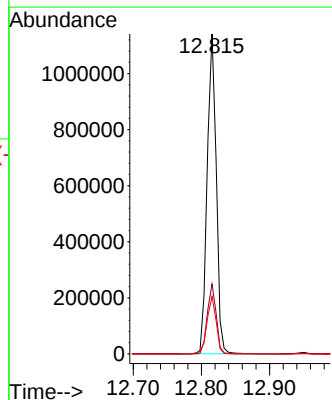
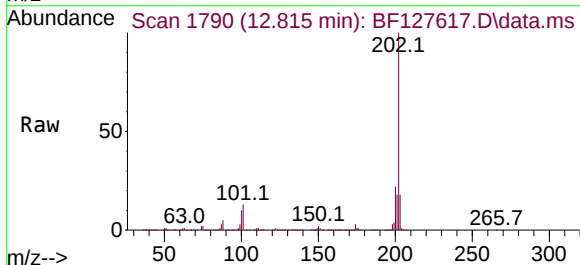
Instrument :
BNA_F
ClientSampleId :
MHMS

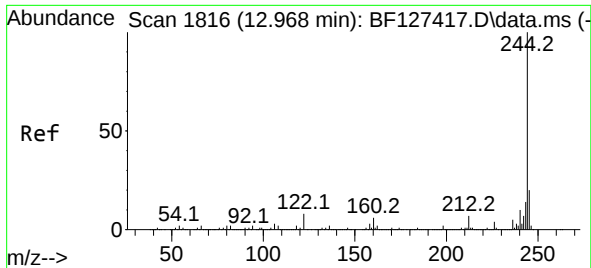
Tgt Ion:184 Resp: 63081
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.2
183 11.3 9.4 14.0



#78
Pyrene
Concen: 53.702 ng
RT: 12.815 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion:202 Resp: 1058676
Ion Ratio Lower Upper
202 100
200 21.9 17.1 25.7
203 18.0 14.3 21.5

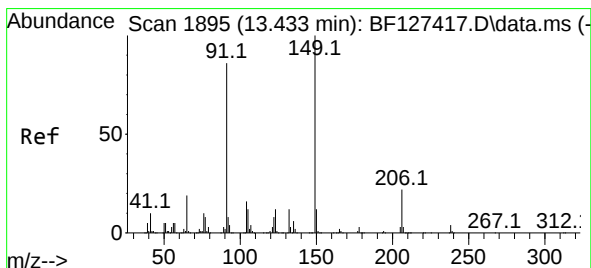
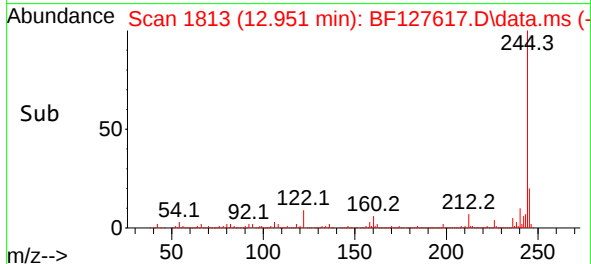
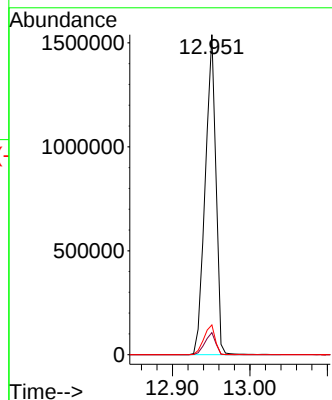
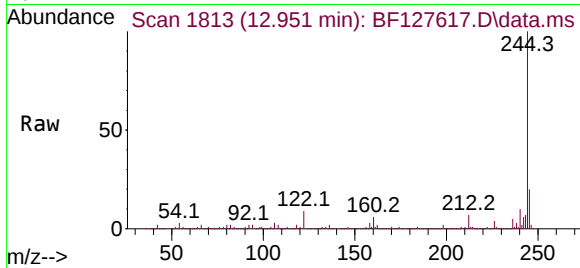




#79
 Terphenyl-d14
 Concen: 104.883 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: BF127617.D
 Acq: 01 Apr 2022 17:36

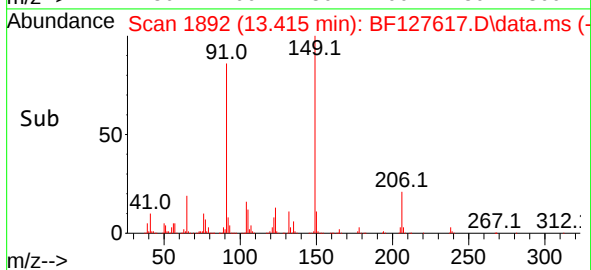
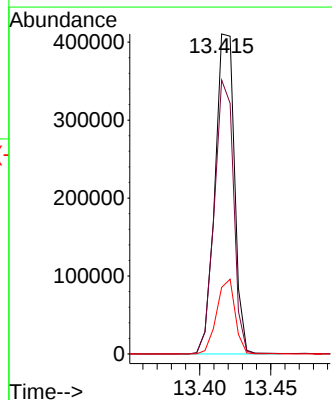
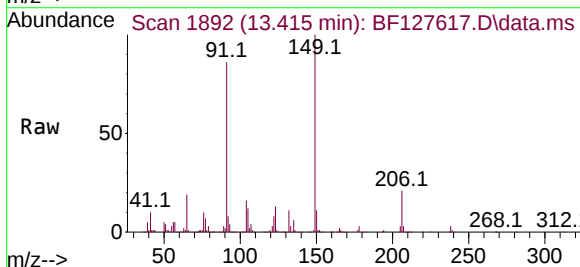
Instrument :
 BNA_F
 ClientSampleId :
 MHEMS

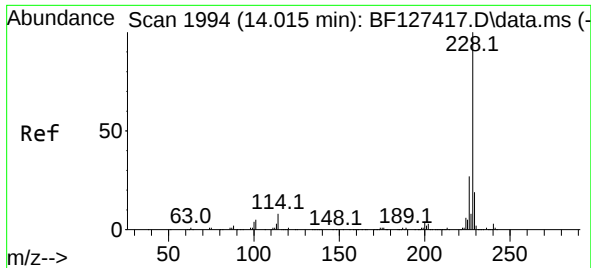
Tgt Ion:244 Resp: 1471717
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.3 6.2 9.2#



#80
 Butylbenzylphthalate
 Concen: 60.302 ng
 RT: 13.415 min Scan# 1892
 Delta R.T. 0.000 min
 Lab File: BF127617.D
 Acq: 01 Apr 2022 17:36

Tgt Ion:149 Resp: 391255
 Ion Ratio Lower Upper
 149 100
 91 85.6 69.1 103.7
 206 20.8 17.7 26.5

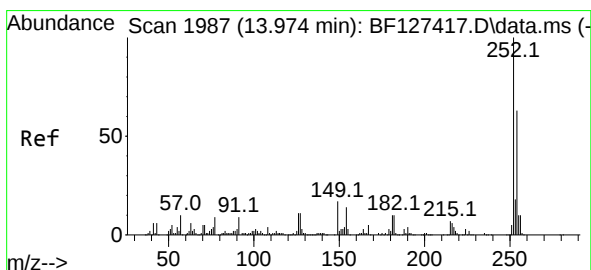
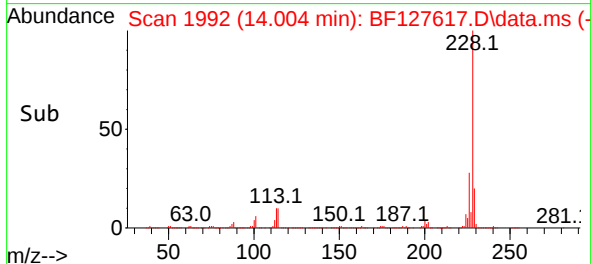
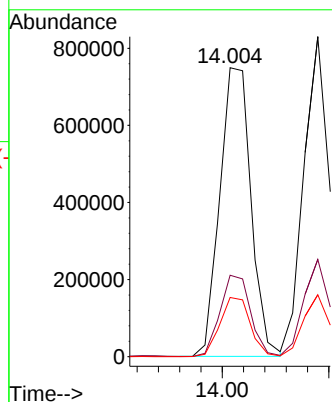
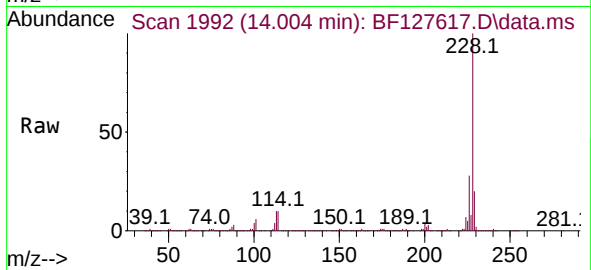




#81
Benzo(a)anthracene
Concen: 49.689 ng
RT: 14.004 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

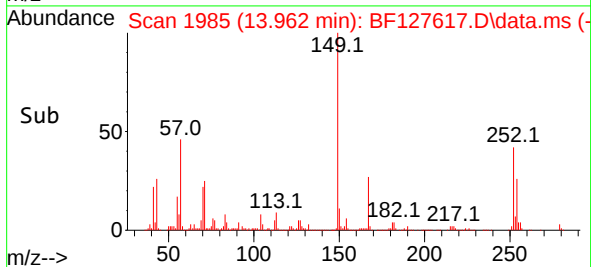
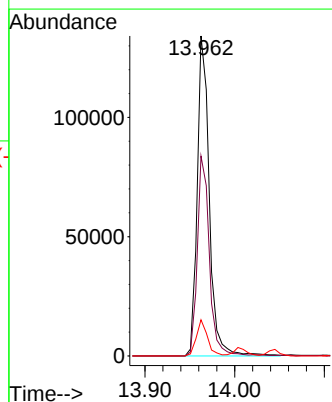
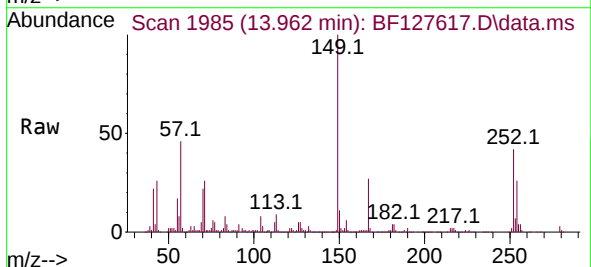
Instrument :
BNA_F
ClientSampleId :
MHMS

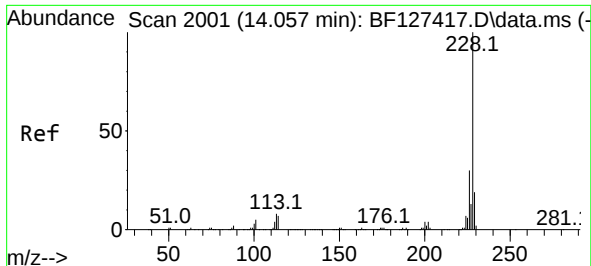
Tgt Ion:228 Resp: 763305
Ion Ratio Lower Upper
228 100
226 28.2 21.6 32.4
229 20.5 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 27.763 ng
RT: 13.962 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion:252 Resp: 125344
Ion Ratio Lower Upper
252 100
254 62.5 50.2 75.4
126 11.3 8.7 13.1

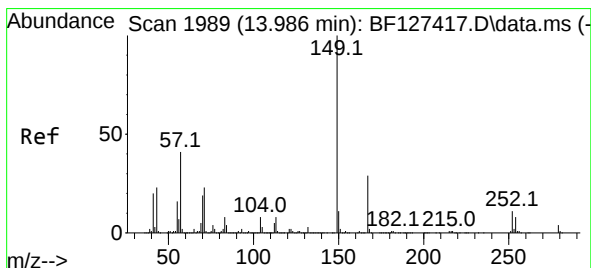
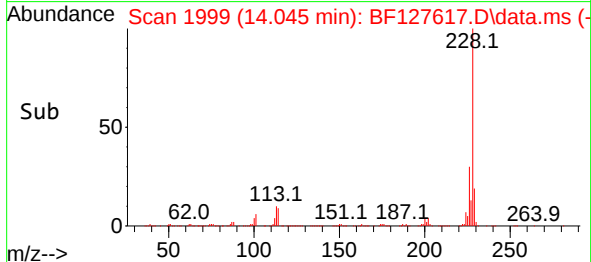
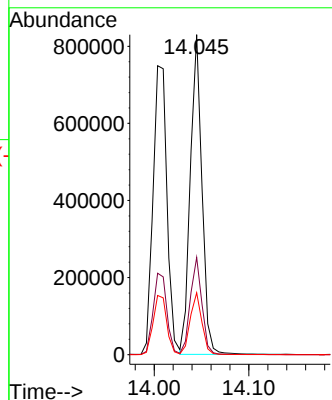
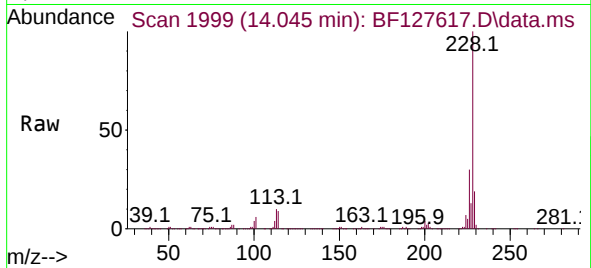




#83
Chrysene
Concen: 48.827 ng
RT: 14.045 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

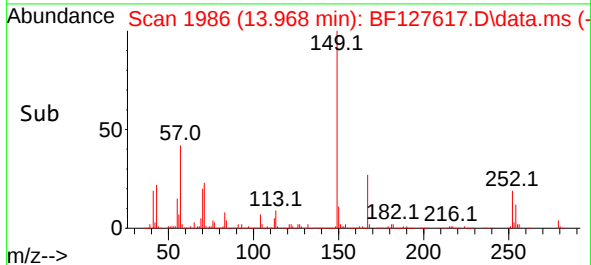
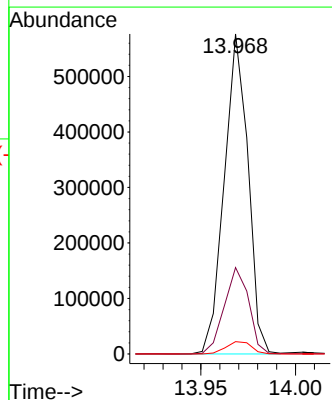
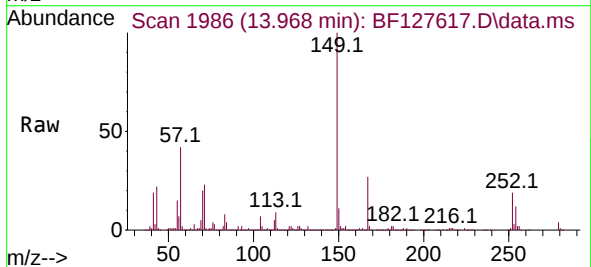
Instrument :
BNA_F
ClientSampleId :
MHMS

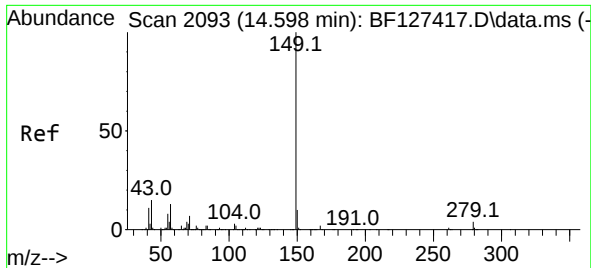
Tgt Ion:228 Resp: 710255
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.4
229 19.3 15.4 23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 67.000 ng
RT: 13.968 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion:149 Resp: 502519
Ion Ratio Lower Upper
149 100
167 27.0 22.9 34.3
279 3.9 3.2 4.8

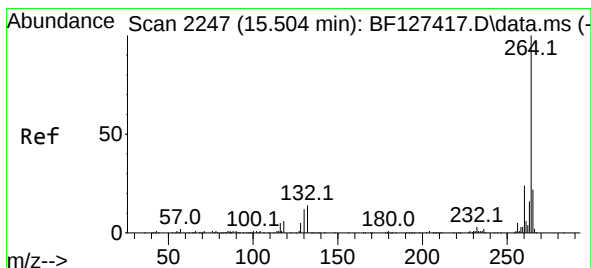
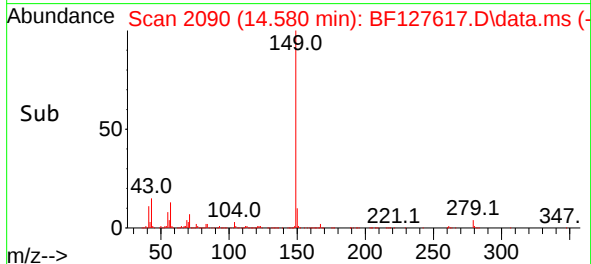
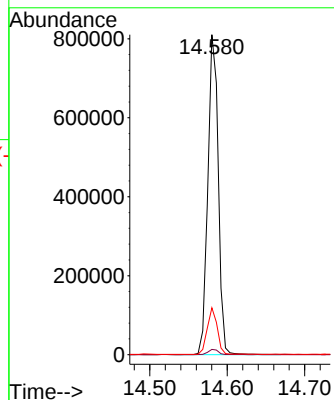
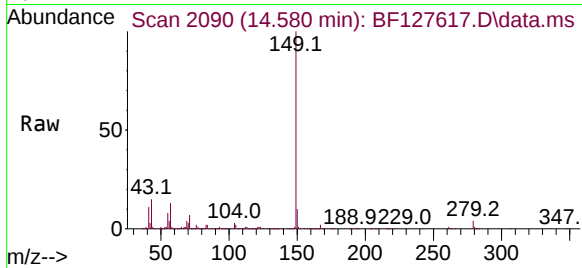




#85
Di-n-octyl phthalate
Concen: 75.637 ng
RT: 14.580 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

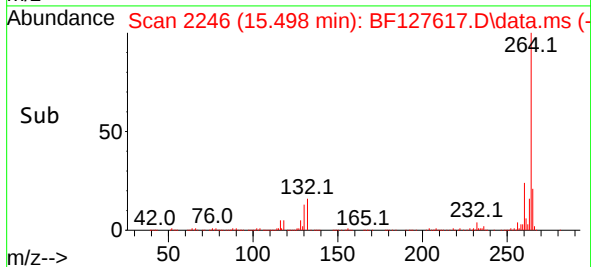
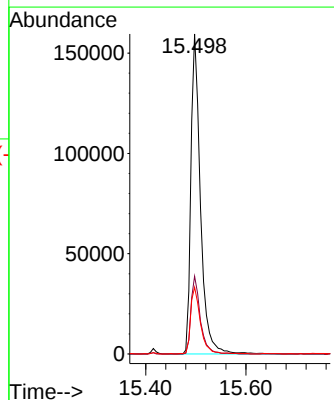
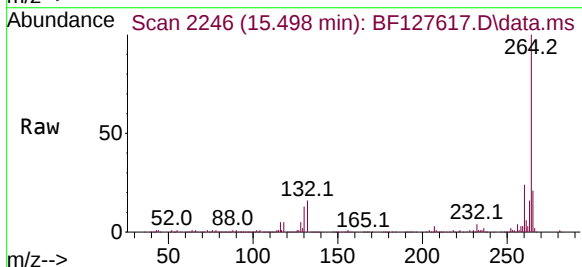
Instrument :
BNA_F
ClientSampleId :
MHMS

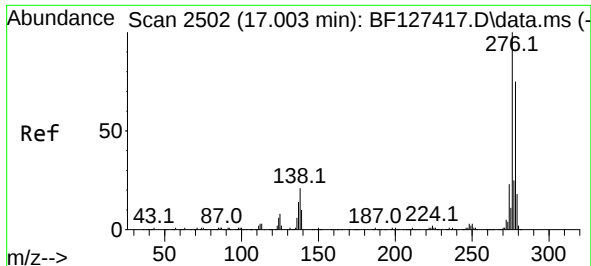
Tgt Ion:149 Resp: 754911
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 14.1 11.0 16.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2246
Delta R.T. 0.006 min
Lab File: BF127617.D
Acq: 01 Apr 2022 17:36

Tgt Ion:264 Resp: 211243
Ion Ratio Lower Upper
264 100
260 24.3 19.1 28.7
265 20.8 17.4 26.2

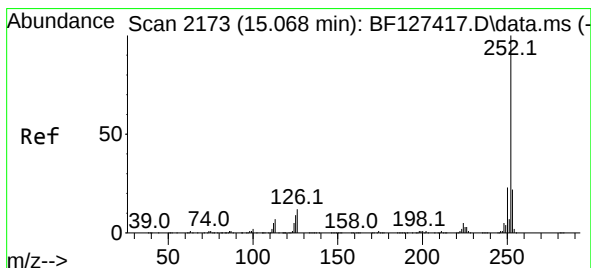
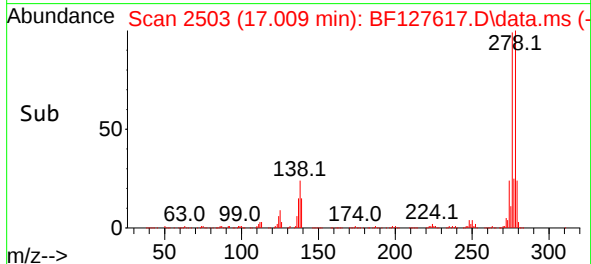
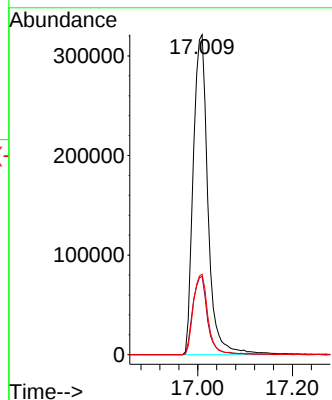
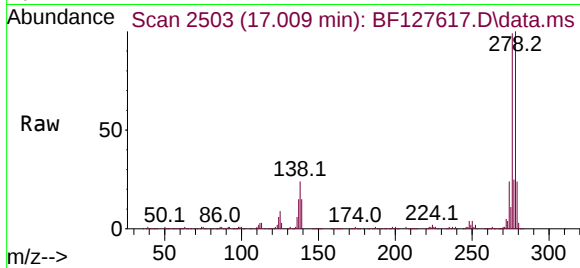




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.465 ng
 RT: 17.009 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF127617.D
 Acq: 01 Apr 2022 17:36

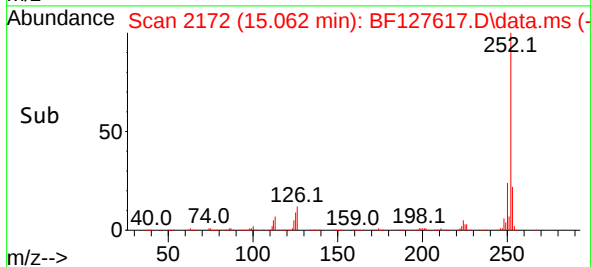
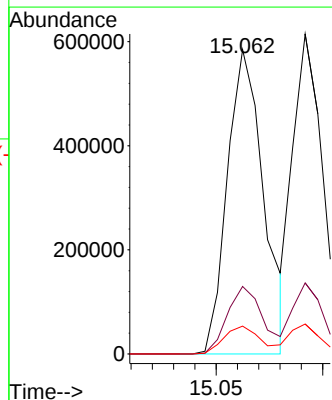
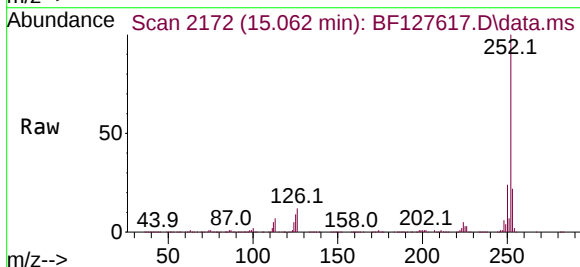
Instrument :
 BNA_F
 ClientSampleId :
 MHEMS

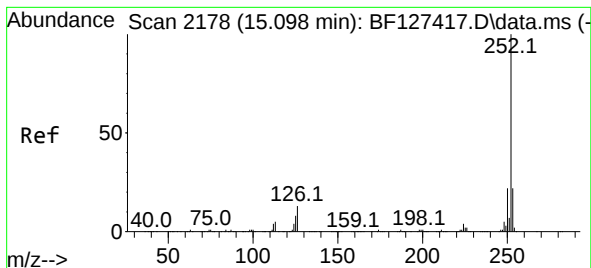
Tgt Ion:276 Resp: 692756
 Ion Ratio Lower Upper
 276 100
 138 24.7 17.1 25.7
 277 25.2 19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 52.219 ng
 RT: 15.062 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: BF127617.D
 Acq: 01 Apr 2022 17:36

Tgt Ion:252 Resp: 695523
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.9 26.9
 125 9.1 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 45.555 ng

RT: 15.092 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

Instrument :

BNA_F

ClientSampleId :

MHEMS

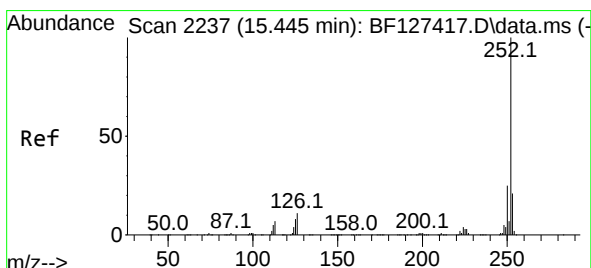
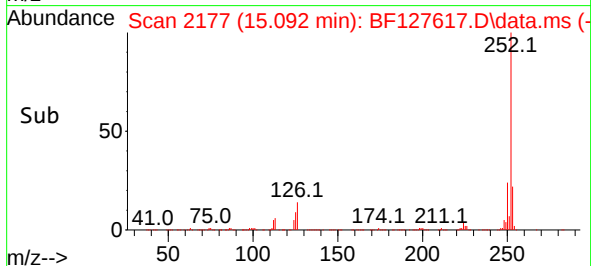
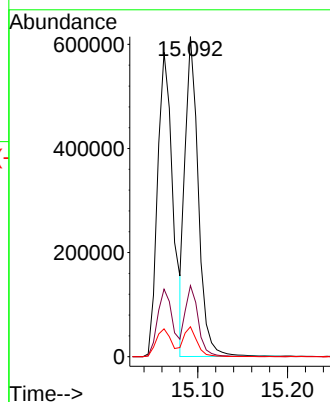
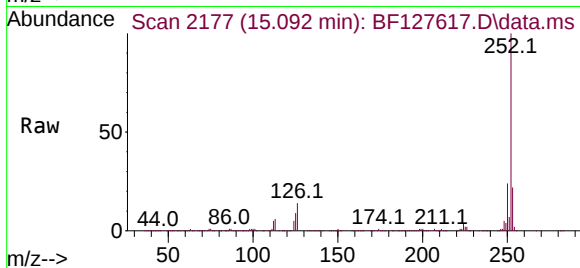
Tgt Ion:252 Resp: 629007

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 9.4 6.9 10.3



#90

Benzo(a)pyrene

Concen: 59.408 ng

RT: 15.439 min Scan# 2236

Delta R.T. 0.012 min

Lab File: BF127617.D

Acq: 01 Apr 2022 17:36

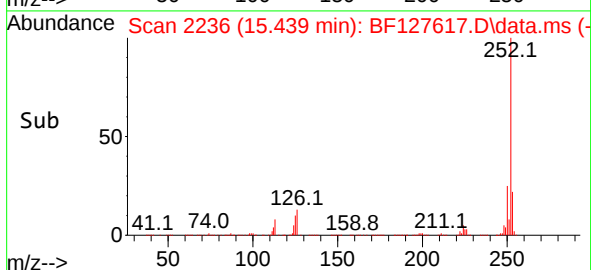
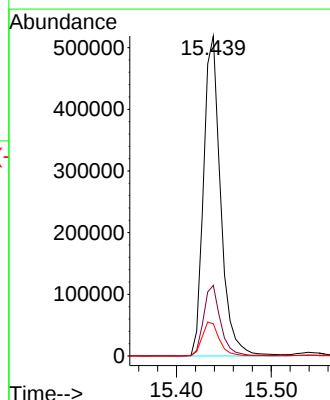
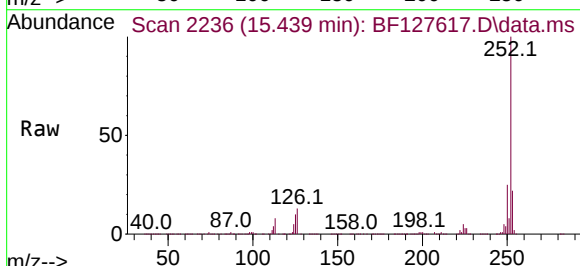
Tgt Ion:252 Resp: 649388

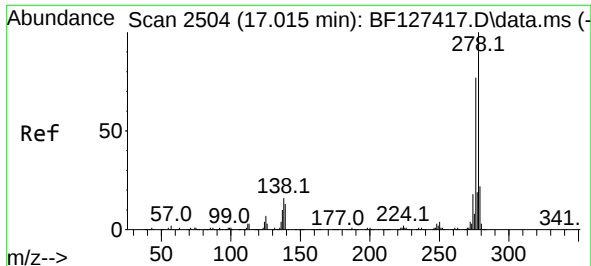
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 10.1 6.7 10.1

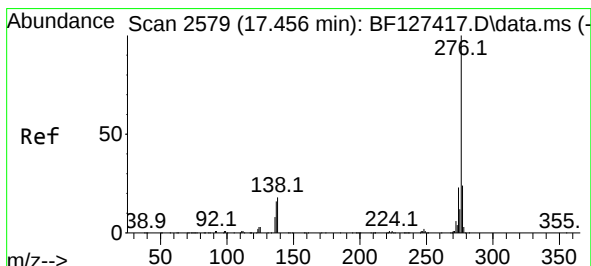
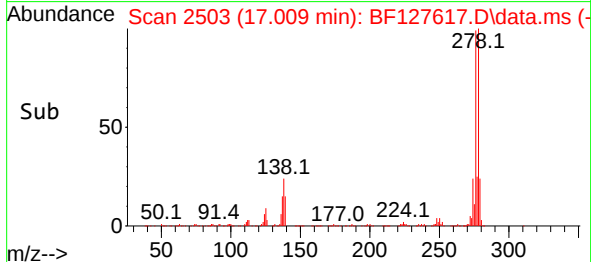
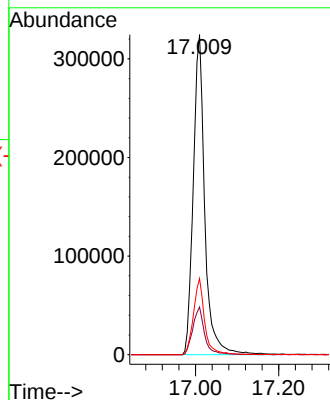
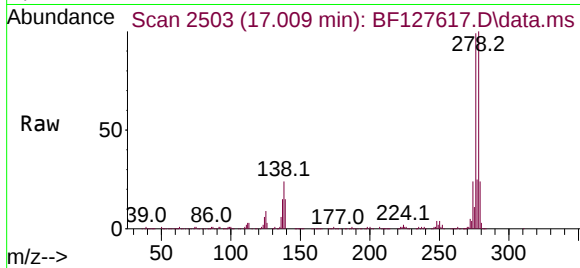




#91
 Dibenzo(a,h)anthracene
 Concen: 52.809 ng
 RT: 17.009 min Scan# 2503
 Delta R.T. 0.012 min
 Lab File: BF127617.D
 Acq: 01 Apr 2022 17:36

Instrument :
 BNA_F
 ClientSampleId :
 MHEMS

Tgt Ion:278 Resp: 623209
 Ion Ratio Lower Upper
 278 100
 139 14.9 10.8 16.2
 279 23.8 17.7 26.5



#92
 Benzo(g,h,i)perylene
 Concen: 50.730 ng
 RT: 17.462 min Scan# 2580
 Delta R.T. 0.018 min
 Lab File: BF127617.D
 Acq: 01 Apr 2022 17:36

Tgt Ion:276 Resp: 618800
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.0 28.4
 138 21.3 14.6 22.0

