

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
 Data File : BF127618.D
 Acq On : 01 Apr 2022 18:05
 Operator : CG\JU
 Sample : N2202-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MHEMSD

Quant Time: Apr 01 23:49:10 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	6.834	152	105448	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	406811	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	238301	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	417171	20.000	ng	0.00
76) Chrysene-d12	14.015	240	237056	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	212560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	879630	133.154	ng	0.03
7) Phenol-d6	6.487	99	1116239	123.614	ng	0.00
23) Nitrobenzene-d5	7.410	82	870248	91.442	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	330118	130.044	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1409469	86.368	ng	0.00
79) Terphenyl-d14	12.951	244	1509672	104.252	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	144666	49.860	ng	# 79
3) Pyridine	3.534	79	271905	33.203	ng	95
4) n-Nitrosodimethylamine	3.475	42	244072	54.283	ng	99
6) Aniline	6.510	93	207700	19.274	ng	# 64
8) 2-Chlorophenol	6.628	128	371344	55.007	ng	96
9) Benzaldehyde	6.398	77	85065	14.036	ng	98
10) Phenol	6.498	94	450372	45.797	ng	99
11) bis(2-Chloroethyl)ether	6.575	93	416556	57.889	ng	99
12) 1,3-Dichlorobenzene	6.775	146	347439	45.758	ng	95
13) 1,4-Dichlorobenzene	6.851	146	352914	46.207	ng	99
14) 1,2-Dichlorobenzene	7.004	146	329498	44.295	ng	99
15) Benzyl Alcohol	6.992	79	362331	55.212	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.110	45	648049	50.048	ng	69
17) 2-Methylphenol	7.104	107	299122	52.503	ng	# 89
18) Hexachloroethane	7.339	117	131123	46.895	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	283225	52.325	ng	98
20) 3+4-Methylphenols	7.257	107	372373	52.991	ng	# 89
22) Acetophenone	7.251	105	496023	47.699	ng	94
24) Nitrobenzene	7.428	77	458070	50.470	ng	98
25) Isophorone	7.663	82	854839	56.396	ng	99
26) 2-Nitrophenol	7.739	139	193909	50.941	ng	95
27) 2,4-Dimethylphenol	7.781	122	340457	59.459	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	515381	52.341	ng	100
29) 2,4-Dichlorophenol	7.986	162	327845	50.436	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	337780	44.593	ng	97
31) Naphthalene	8.139	128	1020324	47.241	ng	99
32) Benzoic acid	7.951	122	200274	59.240	ng	91
33) 4-Chloroaniline	8.204	127	61201	7.312	ng	97
34) Hexachlorobutadiene	8.245	225	207435	43.126	ng	98
35) Caprolactam	8.592	113	58255	29.070	ng	99
36) 4-Chloro-3-methylphenol	8.698	107	353184	50.078	ng	99
37) 2-Methylnaphthalene	8.828	142	698462	50.293	ng	99
38) 1-Methylnaphthalene	8.928	142	657495	47.878	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	354601	46.800	ng	99
41) Hexachlorocyclopentadiene	8.975	237	216922	81.906	ng	95
43) 2,4,6-Trichlorophenol	9.116	196	225011	49.129	ng	98

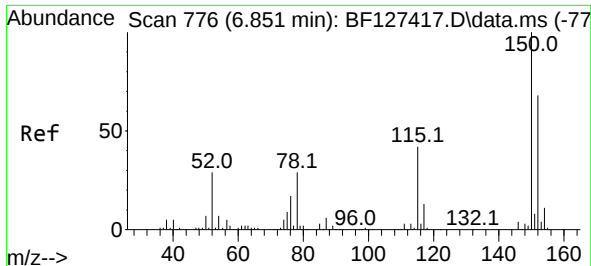
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	230883	48.971	ng	99
46) 1,1'-Biphenyl	9.298	154	852261	47.353	ng	99
47) 2-Chloronaphthalene	9.322	162	675473	47.659	ng	98
48) 2-Nitroaniline	9.433	65	260243	47.911	ng	98
49) Acenaphthylene	9.739	152	1054056	49.194	ng	99
50) Dimethylphthalate	9.604	163	836763	50.474	ng	100
51) 2,6-Dinitrotoluene	9.675	165	176099	50.604	ng	98
52) Acenaphthene	9.910	154	609628	48.765	ng	99
53) 3-Nitroaniline	9.851	138	63801	16.714	ng	94
54) 2,4-Dinitrophenol	9.969	184	180246	100.166	ng	96
55) Dibenzofuran	10.086	168	860275	47.905	ng	99
56) 4-Nitrophenol	10.033	139	153635	79.075	ng	98
57) 2,4-Dinitrotoluene	10.086	165	208589	46.568	ng	97
58) Fluorene	10.427	166	716741	49.748	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	195812	46.976	ng	98
60) Diethylphthalate	10.298	149	746877	49.325	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	381383	44.511	ng	97
62) 4-Nitroaniline	10.475	138	150735	42.156	ng	98
63) Azobenzene	10.575	77	852228	47.699	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	125535	48.904	ng	99
66) n-Nitrosodiphenylamine	10.539	169	604325	47.589	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	238474	48.962	ng	94
68) Hexachlorobenzene	10.975	284	261380	49.164	ng	99
69) Atrazine	11.069	200	197086	46.619	ng	97
70) Pentachlorophenol	11.180	266	214572	102.465	ng	98
71) Phenanthrene	11.392	178	1033606	47.524	ng	100
72) Anthracene	11.445	178	1055431	48.902	ng	99
73) Carbazole	11.610	167	922677	44.703	ng	99
74) Di-n-butylphthalate	11.916	149	1148938	53.777	ng	99
75) Fluoranthene	12.586	202	1103153	46.116	ng	98
77) Benzidine	12.716	184	56581	10.010	ng	96
78) Pyrene	12.816	202	1102501	54.191	ng	99
80) Butylbenzylphthalate	13.421	149	410680	61.333	ng	92
81) Benzo(a)anthracene	14.010	228	797135	50.283	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	104145	22.352	ng	98
83) Chrysene	14.045	228	736675	49.073	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	535028	69.123	ng	98
85) Di-n-octyl phthalate	14.580	149	792262	76.918	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	689655	47.949	ng	97
88) Benzo(b)fluoranthene	15.062	252	689905	51.476	ng	99
89) Benzo(k)fluoranthene	15.092	252	645737	46.476	ng	99
90) Benzo(a)pyrene	15.439	252	653587	59.422	ng	98
91) Dibenzo(a,h)anthracene	17.009	278	609553	51.332	ng	97
92) Benzo(g,h,i)perylene	17.456	276	602888	49.119	ng	96

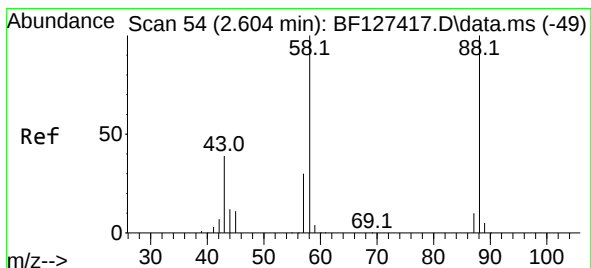
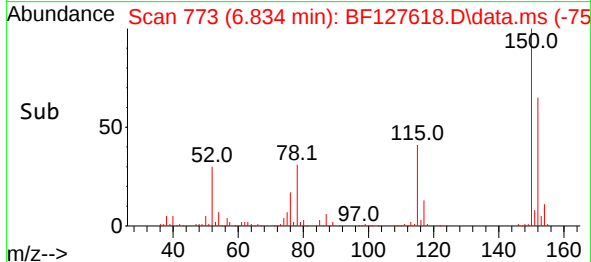
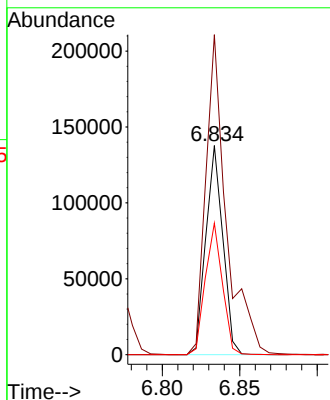
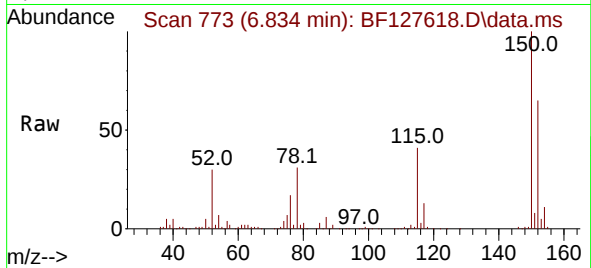
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF127618.D
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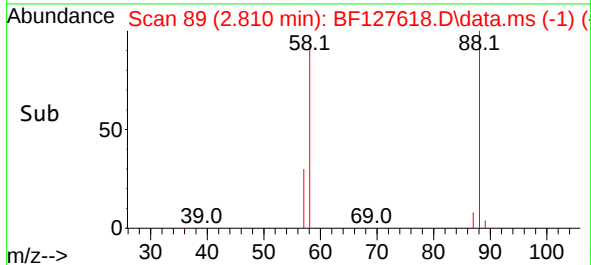
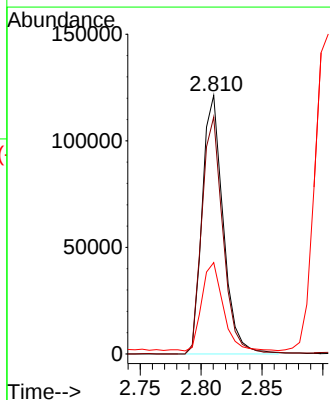
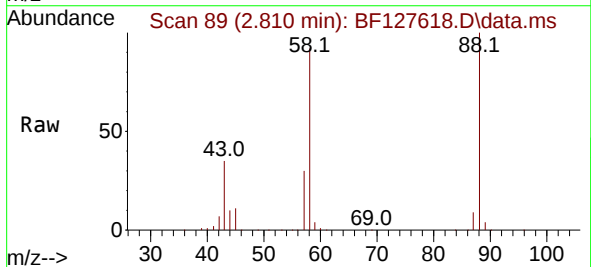
Instrument :
 BNA_F
 ClientSampleId :
 MHEMSD

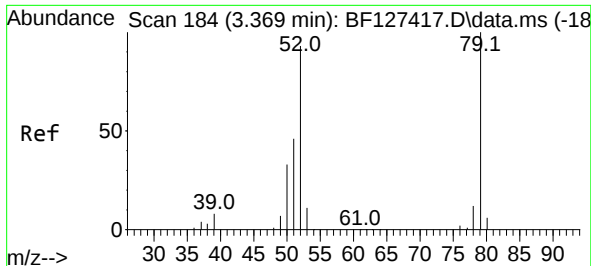
Tgt Ion:152 Resp: 105448
 Ion Ratio Lower Upper
 152 100
 150 153.0 117.2 175.8
 115 62.9 49.8 74.6



#2
 1,4-Dioxane
 Concen: 49.860 ng
 RT: 2.810 min Scan# 89
 Delta R.T. 0.224 min
 Lab File: BF127618.D
 Acq: 01 Apr 2022 18:05

Tgt Ion: 88 Resp: 144666
 Ion Ratio Lower Upper
 88 100
 58 92.3 77.0 115.4
 43 0.0 31.3 46.9#





#3

Pyridine

Concen: 33.203 ng

RT: 3.534 min Scan# 21

Delta R.T. 0.188 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

Instrument :

BNA_F

ClientSampleId :

MHEMSD

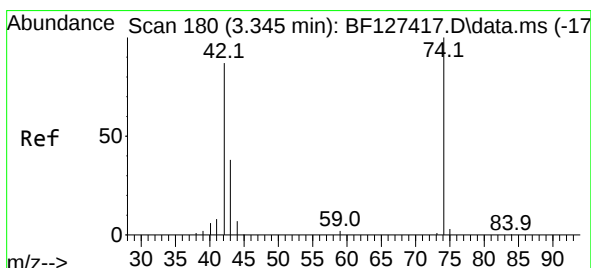
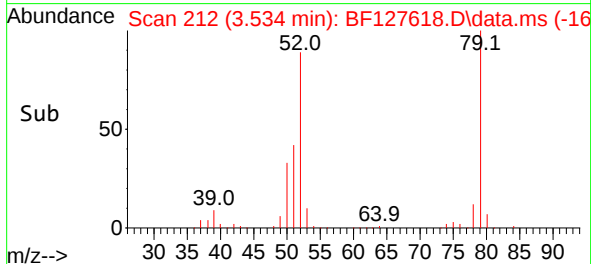
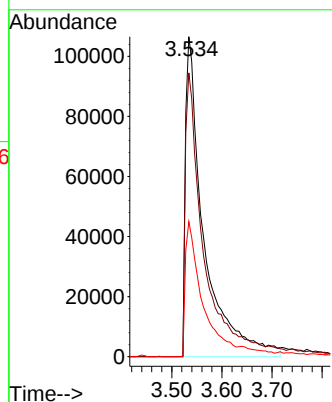
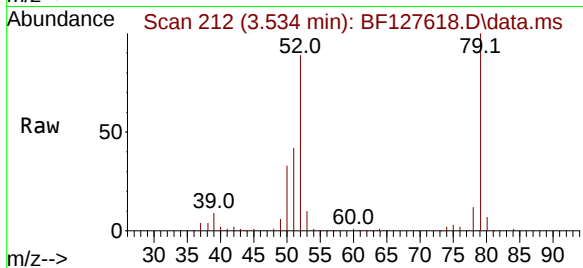
Tgt Ion: 79 Resp: 271905

Ion Ratio Lower Upper

79 100

52 88.7 74.2 111.4

51 42.2 36.7 55.1



#4

n-Nitrosodimethylamine

Concen: 54.283 ng

RT: 3.475 min Scan# 202

Delta R.T. 0.147 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

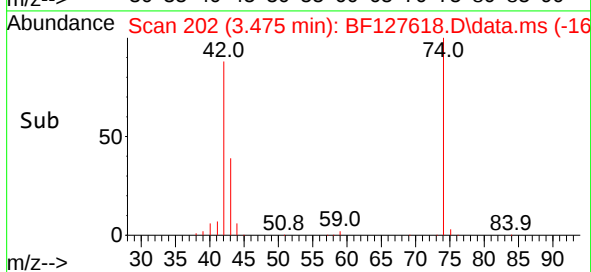
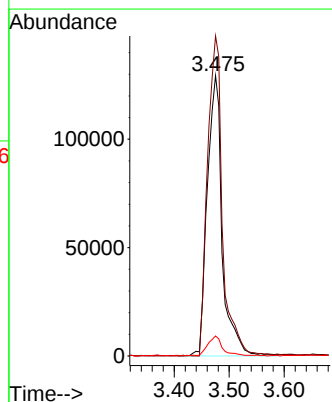
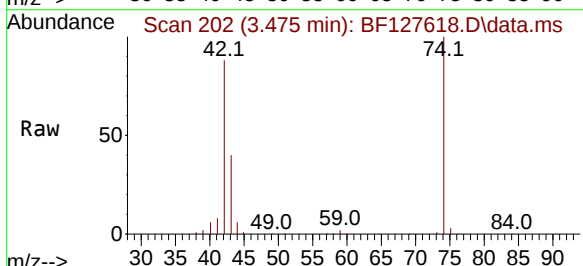
Tgt Ion: 42 Resp: 244072

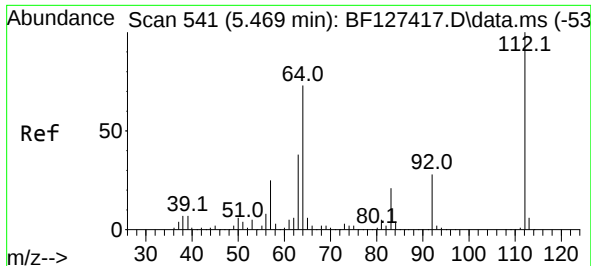
Ion Ratio Lower Upper

42 100

74 114.2 92.4 138.6

44 7.2 6.0 9.0

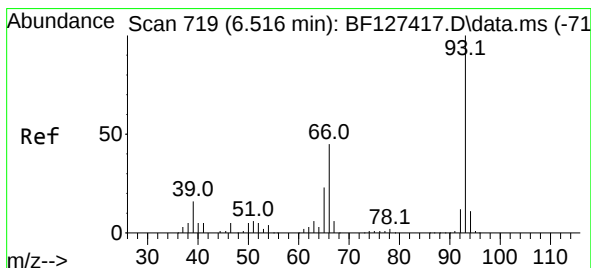
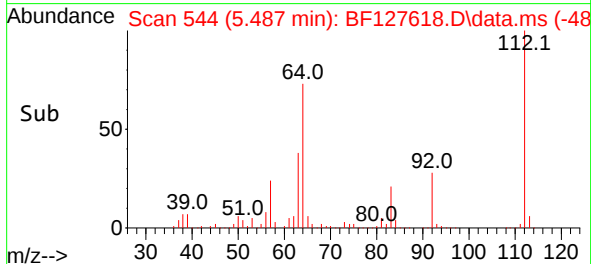
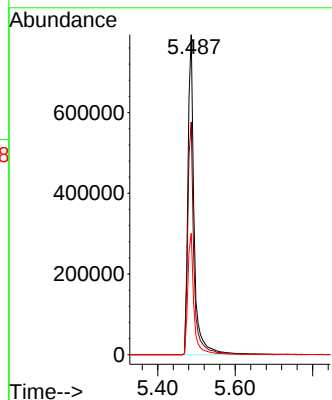
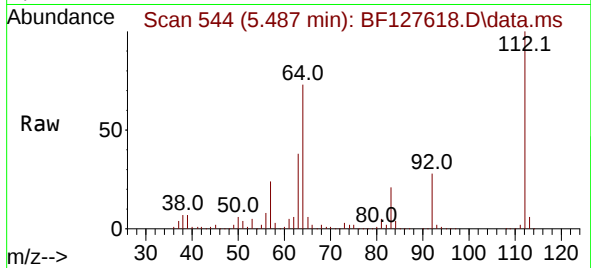




#5
2-Fluorophenol
Concen: 133.154 ng
RT: 5.487 min Scan# 541
Delta R.T. 0.030 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

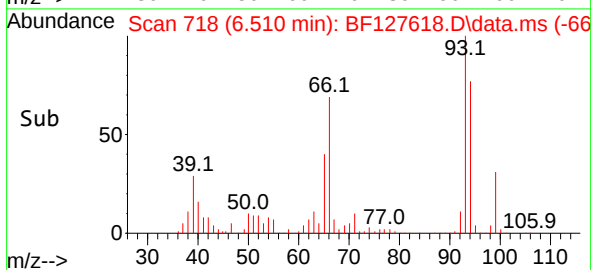
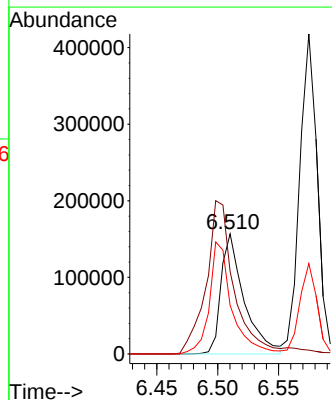
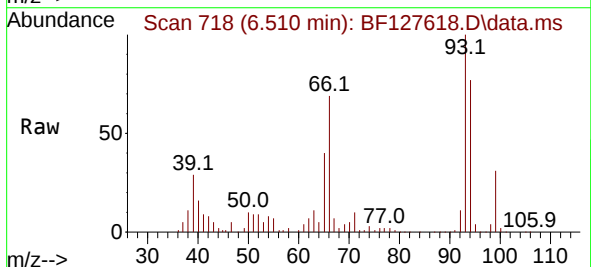
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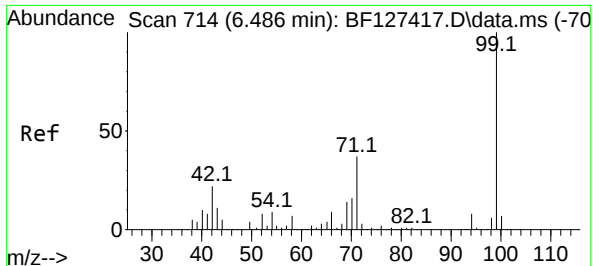
Tgt Ion:112 Resp: 879630
Ion Ratio Lower Upper
112 100
64 72.8 58.4 87.6
63 37.9 30.1 45.1



#6
Aniline
Concen: 19.274 ng
RT: 6.510 min Scan# 718
Delta R.T. 0.006 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion: 93 Resp: 207700
Ion Ratio Lower Upper
93 100
66 68.7 36.2 54.4#
65 40.4 18.4 27.6#

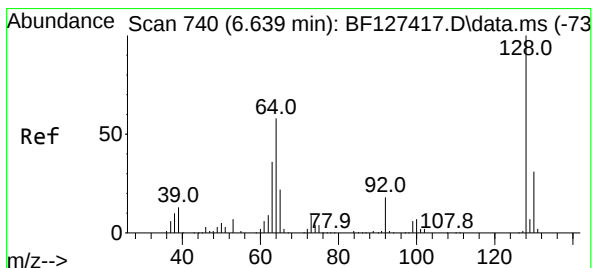
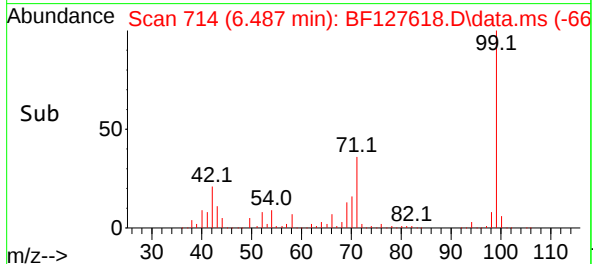
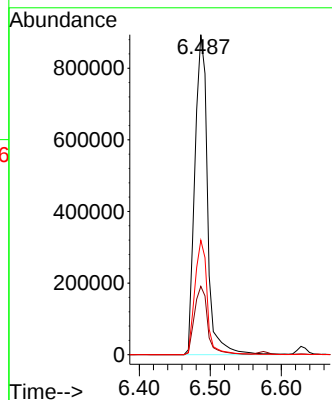
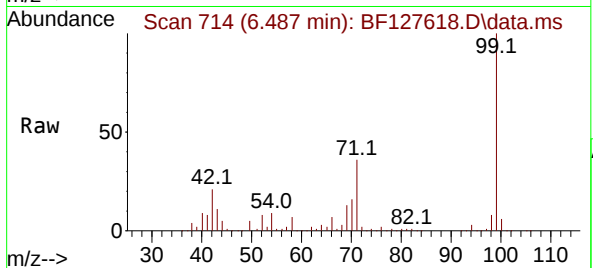




#7
Phenol-d6
Concen: 123.614 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

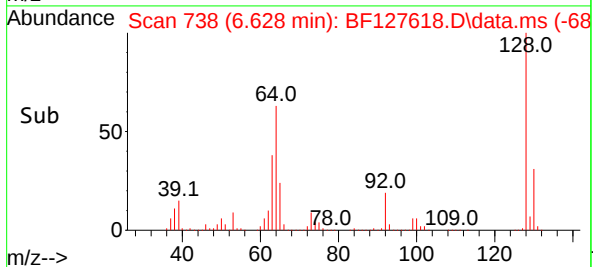
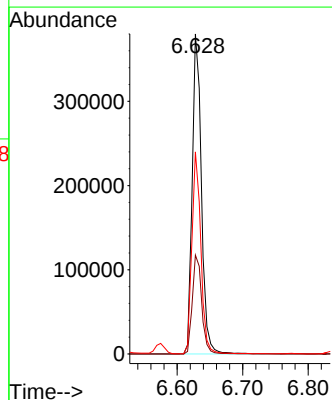
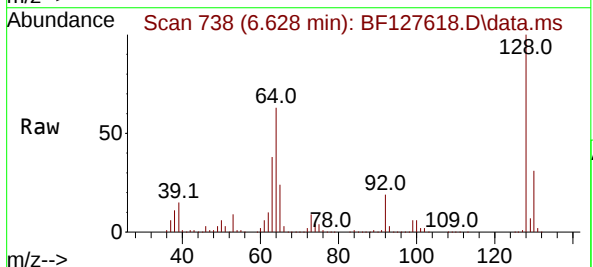
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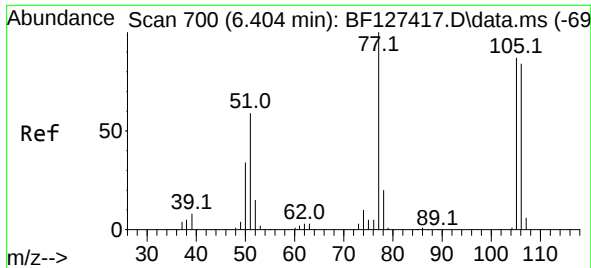
Tgt Ion: 99 Resp: 1116239
Ion Ratio Lower Upper
99 100
42 21.3 17.8 26.6
71 35.7 29.6 44.4



#8
2-Chlorophenol
Concen: 55.007 ng
RT: 6.628 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion:128 Resp: 371344
Ion Ratio Lower Upper
128 100
130 30.9 11.3 51.3
64 63.1 38.4 78.4





#9

Benzaldehyde

Concen: 14.036 ng

RT: 6.398 min Scan# 699

Delta R.T. 0.006 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

Instrument :

BNA_F

ClientSampleId :

MHEMSD

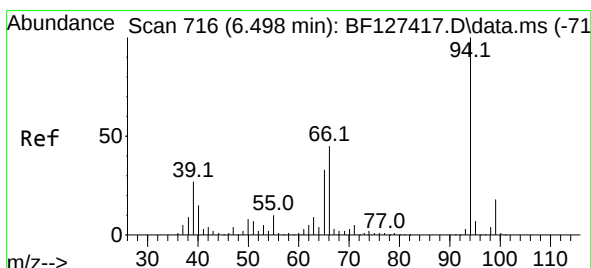
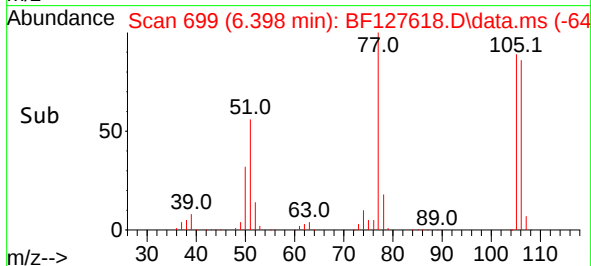
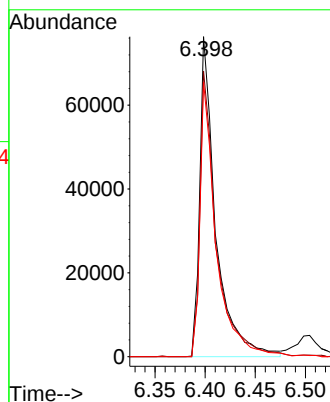
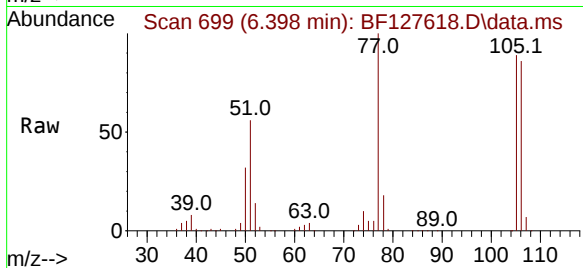
Tgt Ion: 77 Resp: 85065

Ion Ratio Lower Upper

77 100

105 89.2 66.8 106.8

106 85.8 64.3 104.3



#10

Phenol

Concen: 45.797 ng

RT: 6.498 min Scan# 716

Delta R.T. 0.006 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

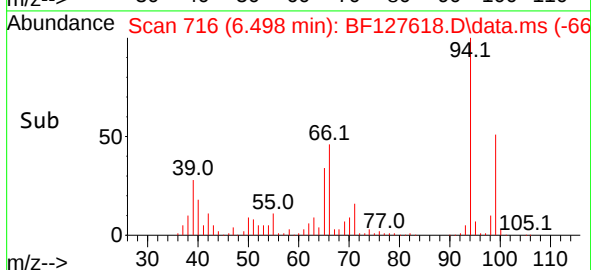
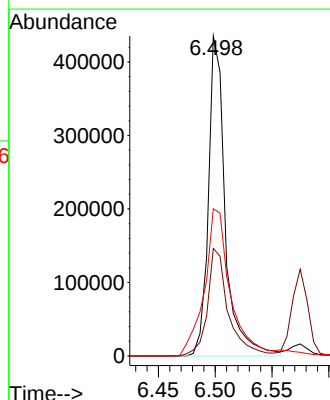
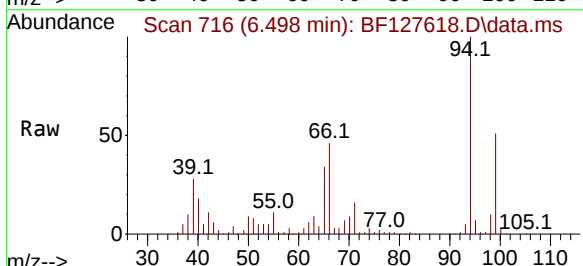
Tgt Ion: 94 Resp: 450372

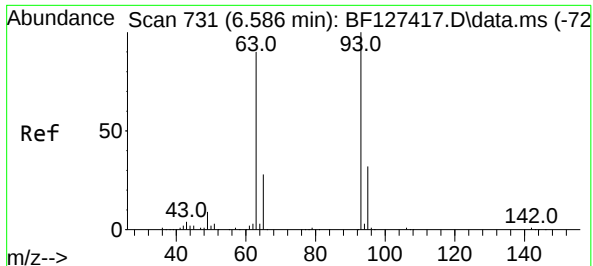
Ion Ratio Lower Upper

94 100

65 33.6 13.1 53.1

66 46.0 24.9 64.9

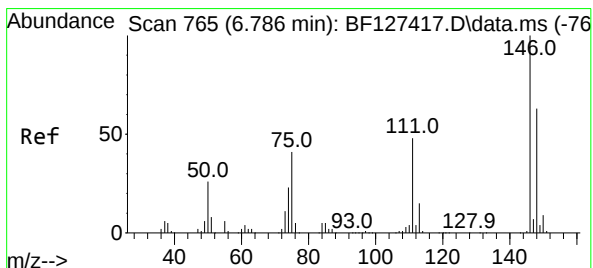
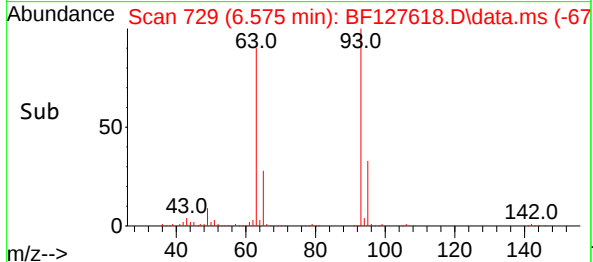
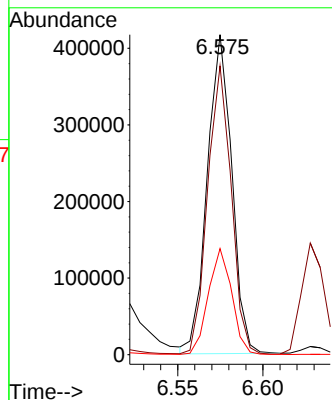
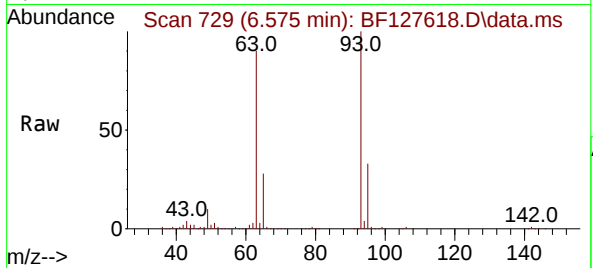




#11
bis(2-Chloroethyl)ether
Concen: 57.889 ng
RT: 6.575 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

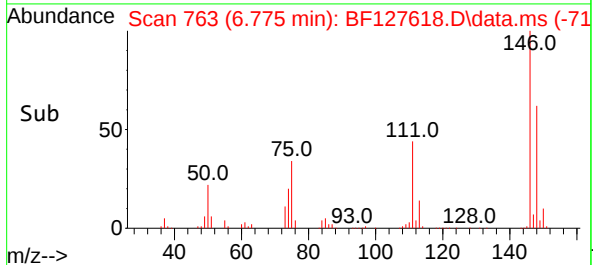
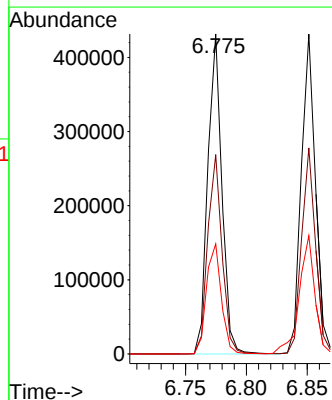
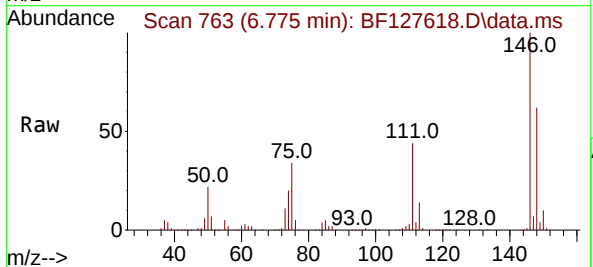
Instrument :
BNA_F
ClientSampleId :
MHEMSD

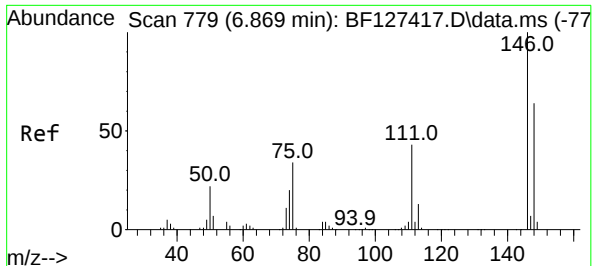
Tgt Ion: 93 Resp: 416556
Ion Ratio Lower Upper
93 100
63 90.2 69.6 109.6
95 33.2 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 45.758 ng
RT: 6.775 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion: 146 Resp: 347439
Ion Ratio Lower Upper
146 100
148 62.3 50.6 76.0
75 34.4 32.4 48.6

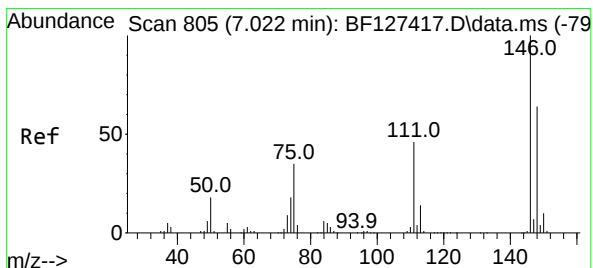
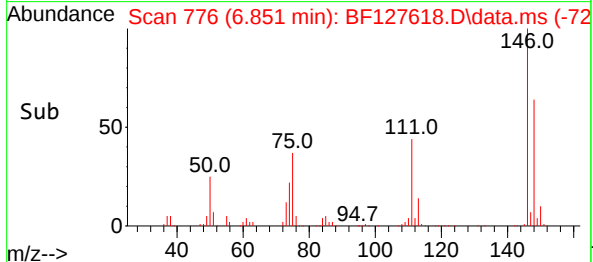
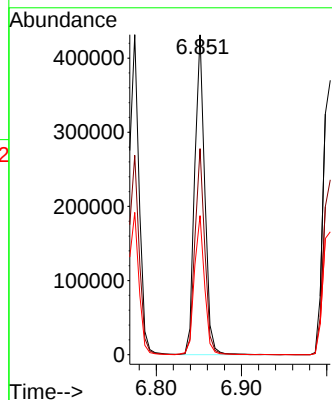
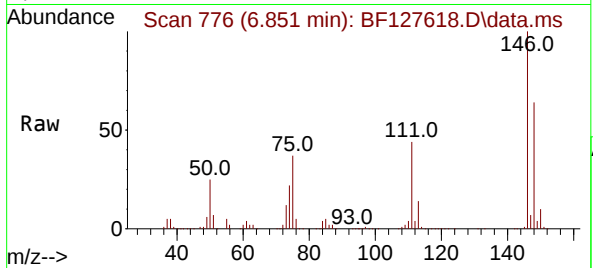




#13
1,4-Dichlorobenzene
Concen: 46.207 ng
RT: 6.851 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

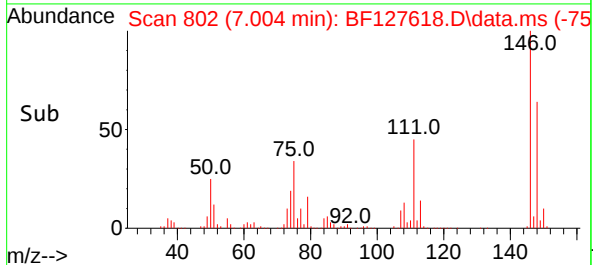
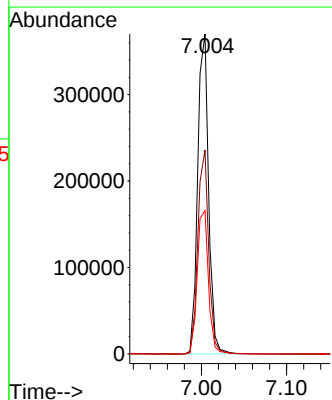
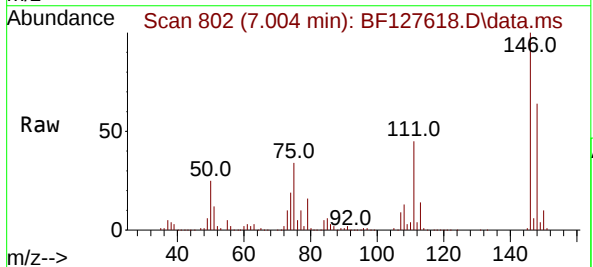
Instrument :
BNA_F
ClientSampleId :
MHEMSD

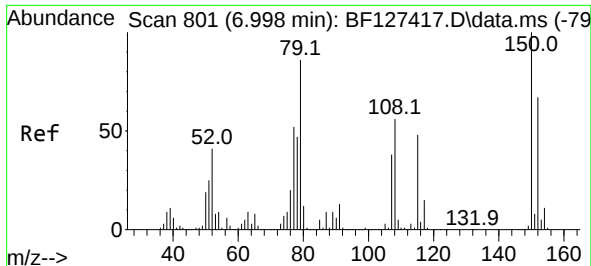
Tgt Ion:146 Resp: 352914
Ion Ratio Lower Upper
146 100
148 64.5 51.3 76.9
111 43.5 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 44.295 ng
RT: 7.004 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion:146 Resp: 329498
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
111 44.8 36.4 54.6





#15

Benzyl Alcohol

Concen: 55.212 ng

RT: 6.992 min Scan# 801

Delta R.T. 0.006 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

Instrument :

BNA_F

ClientSampleId :

MHEMSD

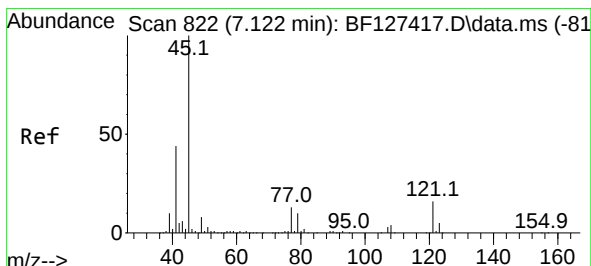
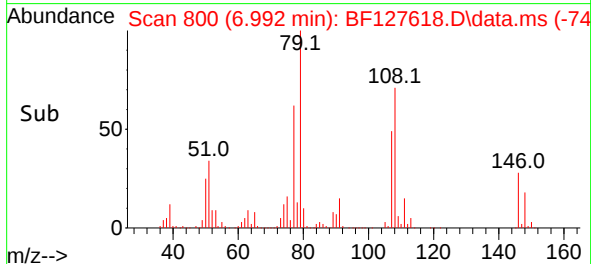
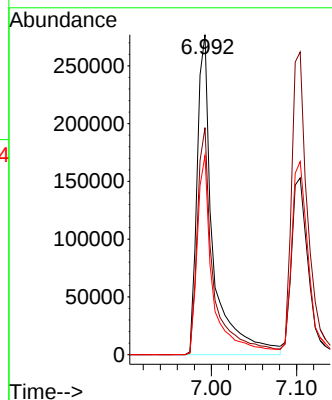
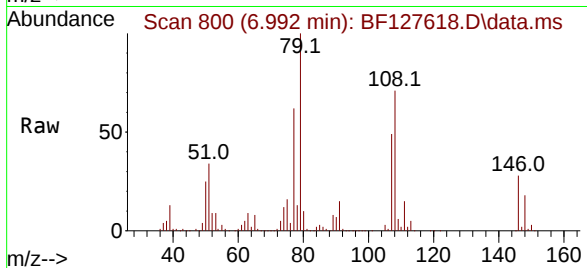
Tgt Ion: 79 Resp: 362331

Ion Ratio Lower Upper

79 100

108 71.0 52.2 78.2

77 62.2 48.3 72.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.048 ng

RT: 7.110 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

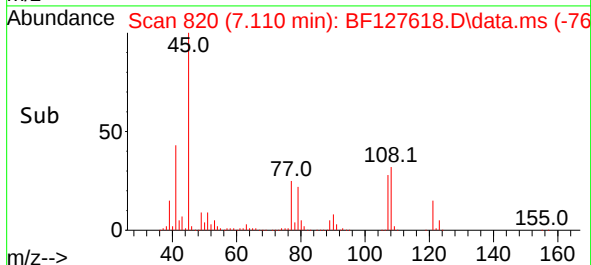
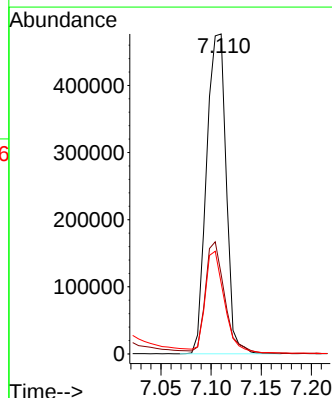
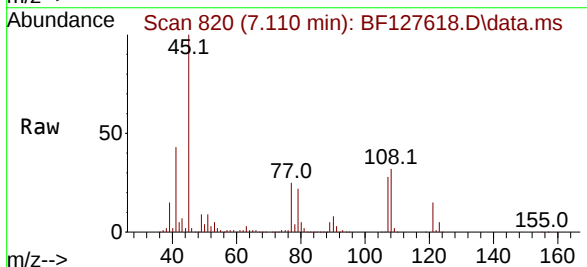
Tgt Ion: 45 Resp: 648049

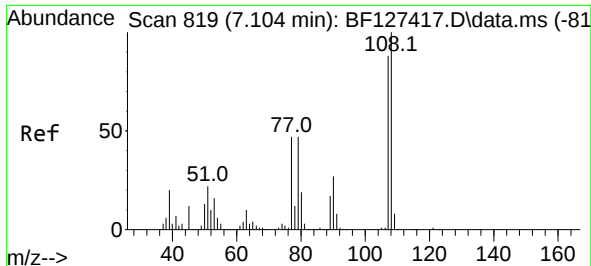
Ion Ratio Lower Upper

45 100

77 24.8 0.0 32.9

79 22.1 0.0 29.9

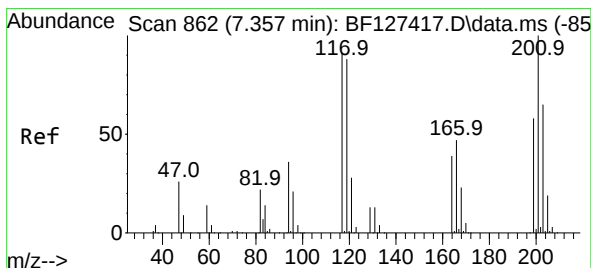
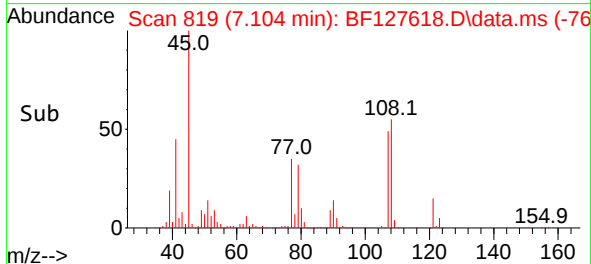
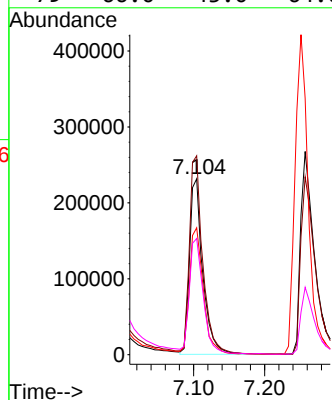
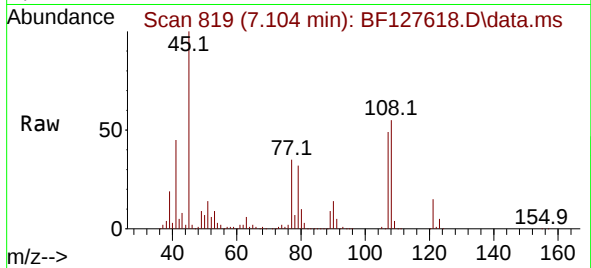




#17
2-Methylphenol
Concen: 52.503 ng
RT: 7.104 min Scan# 819
Delta R.T. 0.012 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

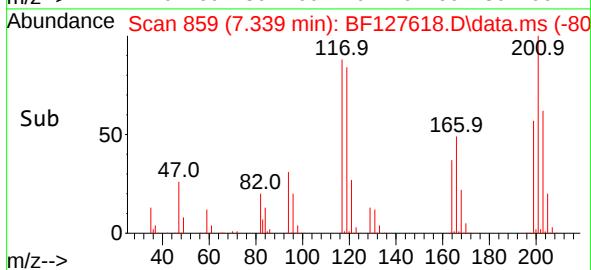
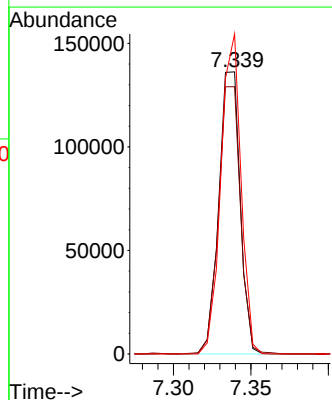
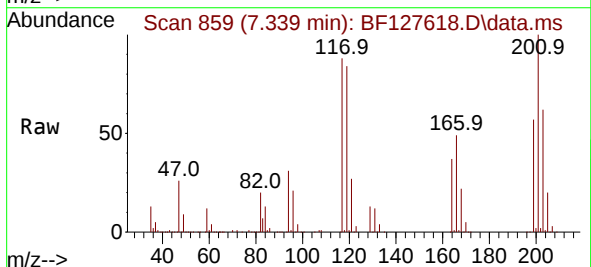
Instrument :
BNA_F
ClientSampleId :
MHMSD

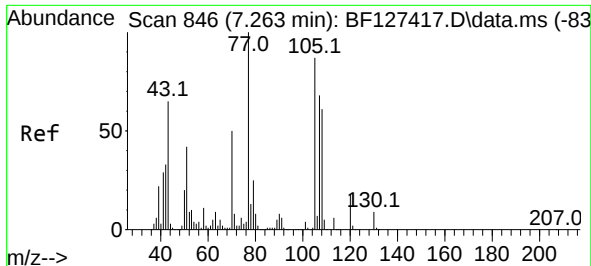
Tgt Ion:107 Resp: 299122
Ion Ratio Lower Upper
107 100
108 113.1 90.7 136.1
77 72.1 42.9 64.3#
79 66.0 43.0 64.6#



#18
Hexachloroethane
Concen: 46.895 ng
RT: 7.339 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion:117 Resp: 131123
Ion Ratio Lower Upper
117 100
119 94.7 77.6 116.4
201 113.4 88.2 132.2





#19

n-Nitroso-di-n-propylamine

Concen: 52.325 ng

RT: 7.257 min Scan# 845

Delta R.T. 0.006 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

Instrument :

BNA_F

ClientSampleId :

MHEMSD

Tgt Ion: 70 Resp: 283225

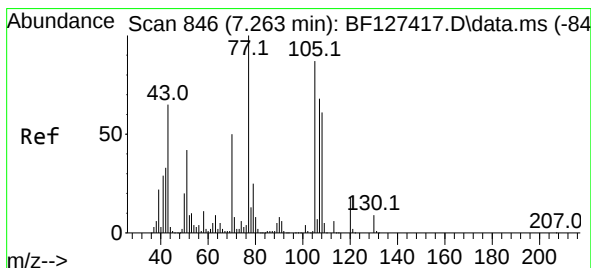
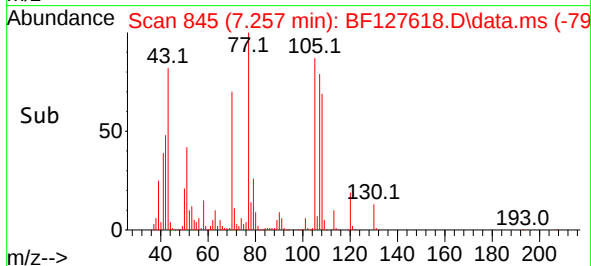
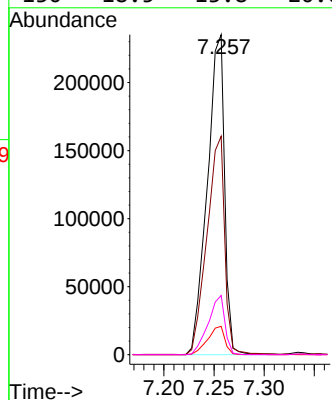
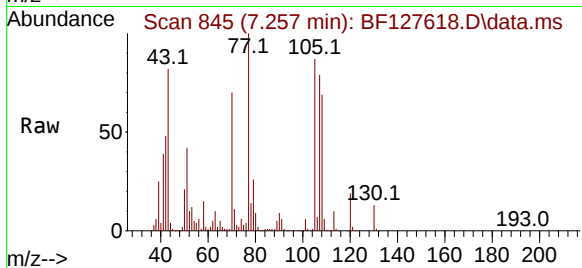
Ion Ratio Lower Upper

70 100

42 68.3 53.0 79.6

101 8.9 6.8 10.2

130 18.5 13.8 20.6



#20

3+4-Methylphenols

Concen: 52.991 ng

RT: 7.257 min Scan# 845

Delta R.T. 0.006 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

Tgt Ion:107 Resp: 372373

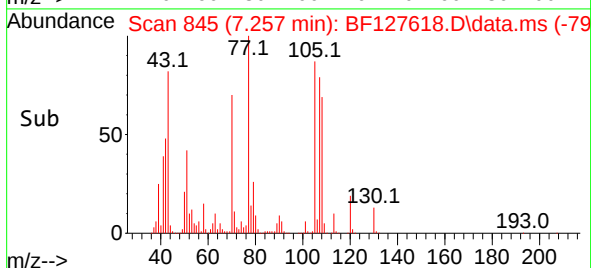
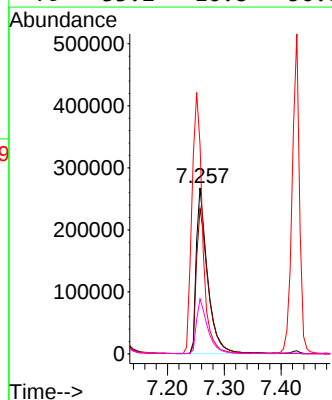
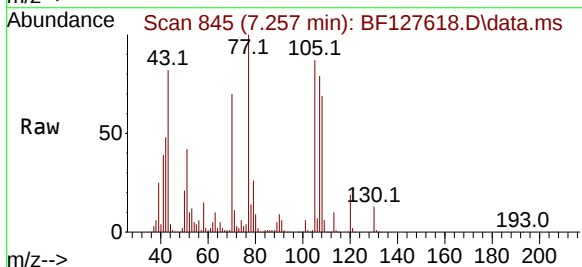
Ion Ratio Lower Upper

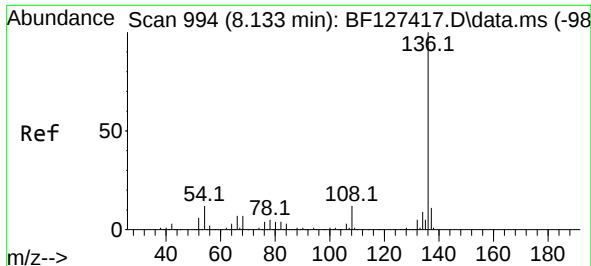
107 100

108 87.6 70.7 110.7

77 126.1 127.9 167.9#

79 33.2 16.8 56.8

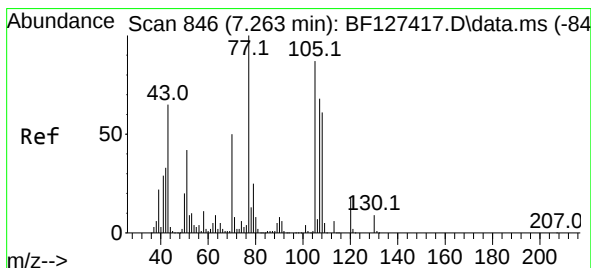
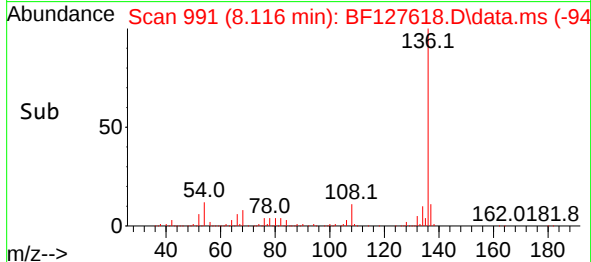
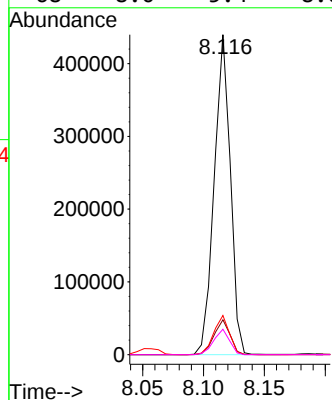
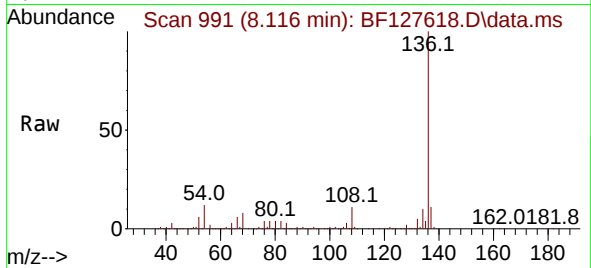




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

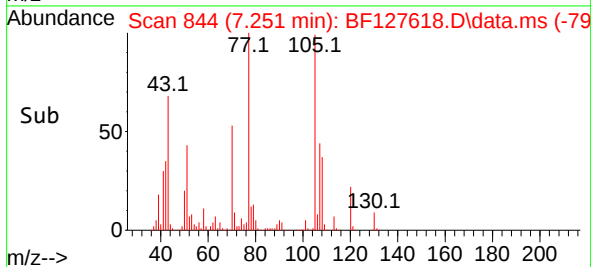
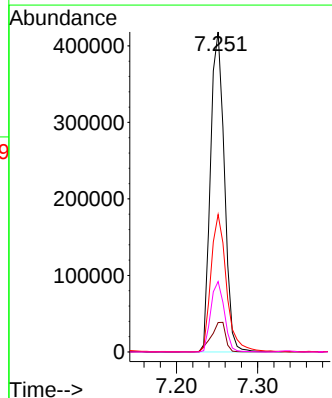
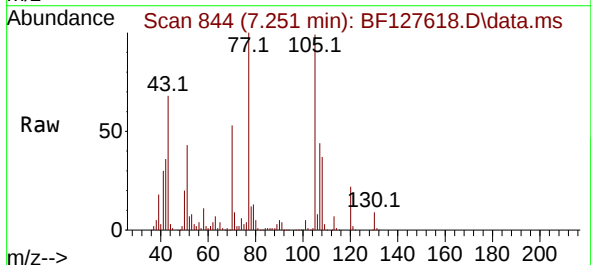
Instrument :
BNA_F
ClientSampleId :
MHEMSD

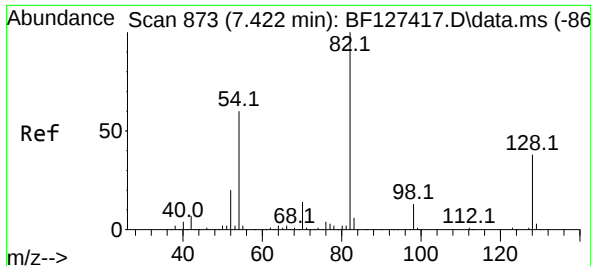
Tgt Ion:136 Resp: 406811
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 12.2 9.2 13.8
68 8.0 5.4 8.0



#22
Acetophenone
Concen: 47.699 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion:105 Resp: 496023
Ion Ratio Lower Upper
105 100
71 9.2 7.3 10.9
51 43.0 38.8 58.2
120 22.0 16.5 24.7

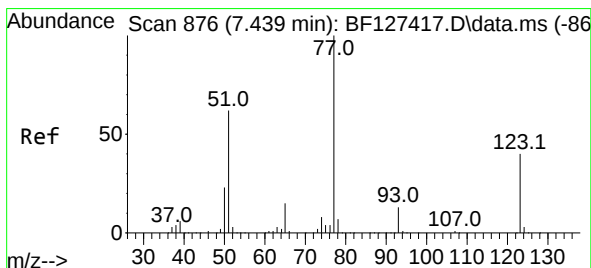
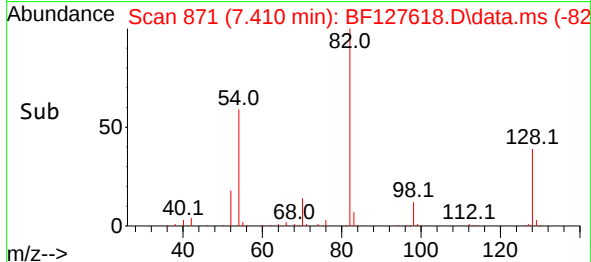
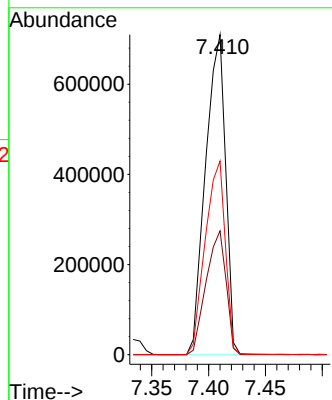
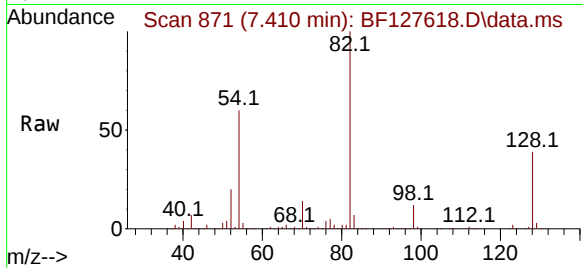




#23
Nitrobenzene-d5
Concen: 91.442 ng
RT: 7.410 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

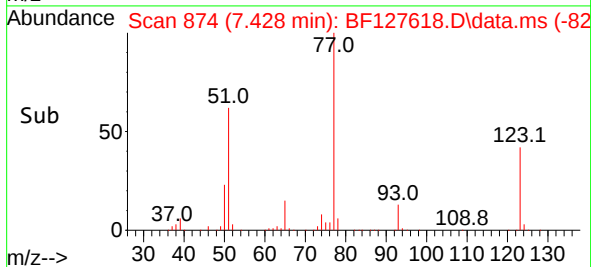
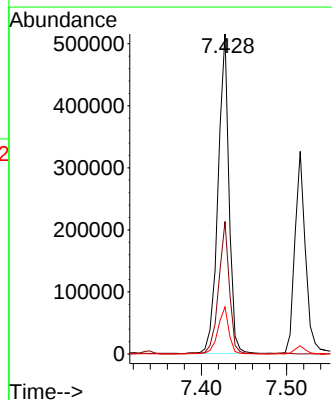
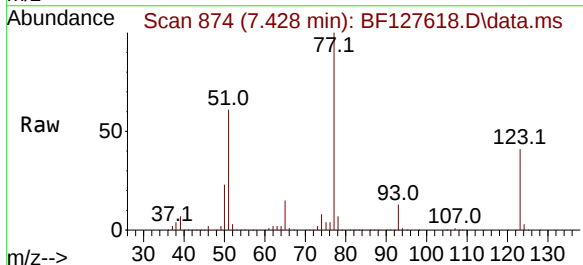
Instrument :
BNA_F
ClientSampleId :
MHEMSD

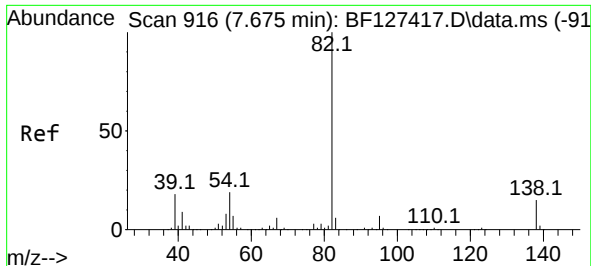
Tgt Ion: 82 Resp: 870248
Ion Ratio Lower Upper
82 100
128 38.7 30.6 45.8
54 60.5 48.2 72.2



#24
Nitrobenzene
Concen: 50.470 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion: 77 Resp: 458070
Ion Ratio Lower Upper
77 100
123 41.4 32.0 48.0
65 14.7 12.2 18.2

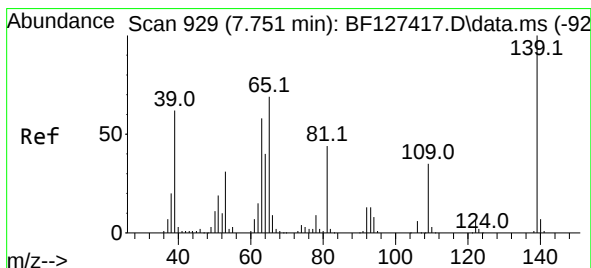
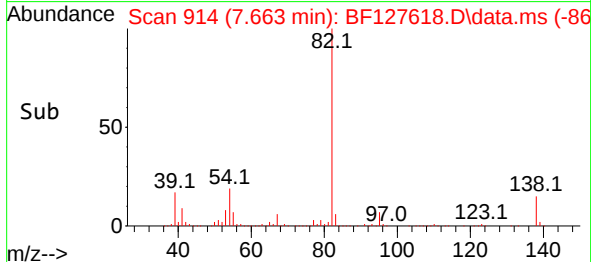
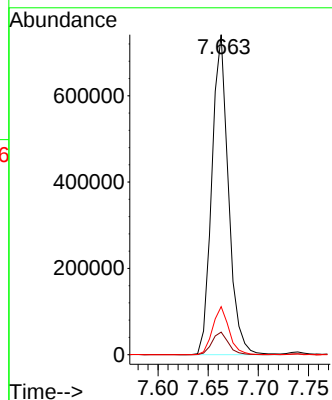
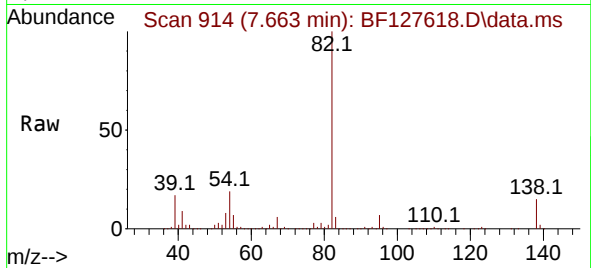




#25
Isophorone
Concen: 56.396 ng
RT: 7.663 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

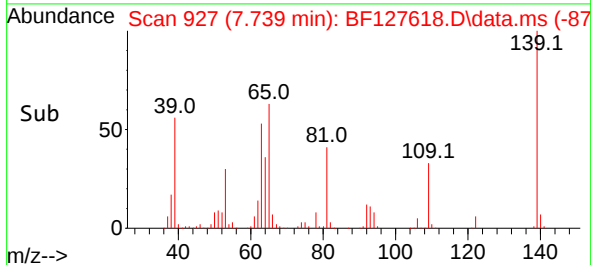
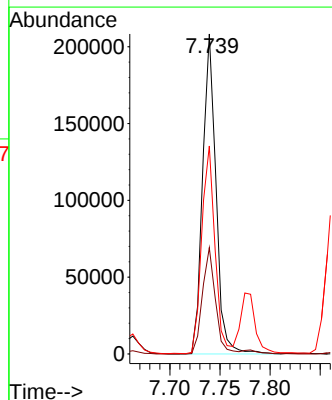
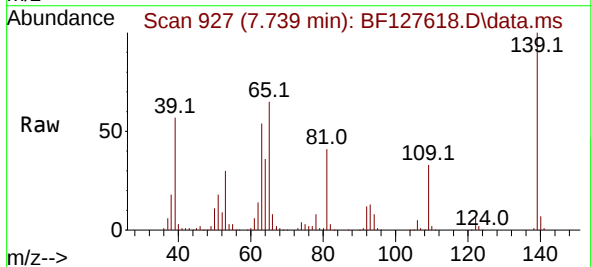
Instrument :
BNA_F
ClientSampleId :
MHEMSD

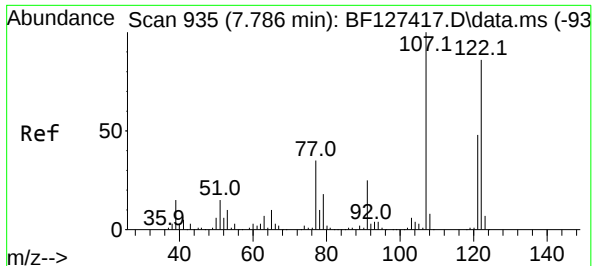
Tgt Ion: 82 Resp: 854839
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 15.0 11.6 17.4



#26
2-Nitrophenol
Concen: 50.941 ng
RT: 7.739 min Scan# 927
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion: 139 Resp: 193909
Ion Ratio Lower Upper
139 100
109 33.2 28.2 42.2
65 65.0 55.3 82.9

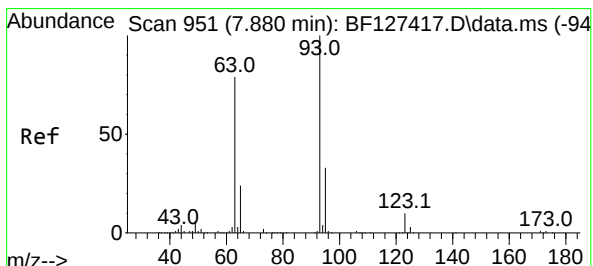
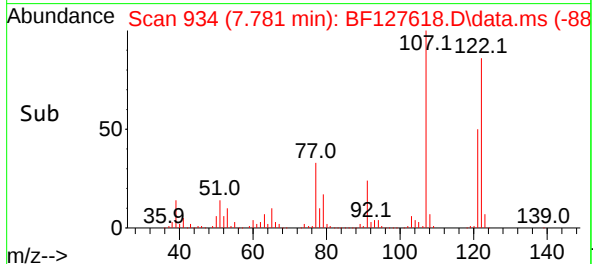
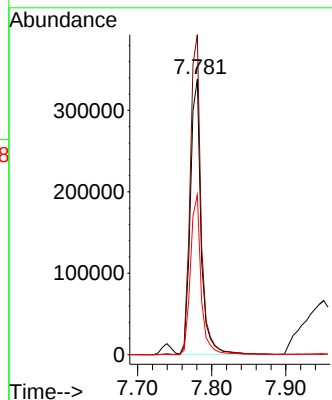
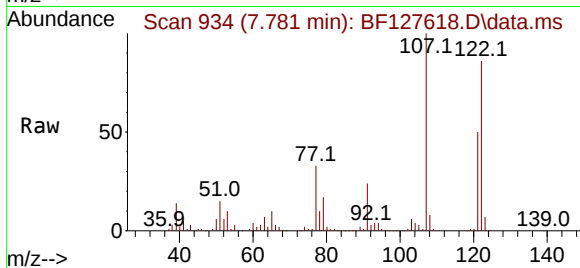




#27
2,4-Dimethylphenol
Concen: 59.459 ng
RT: 7.781 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

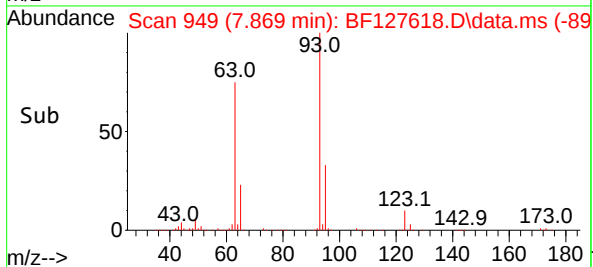
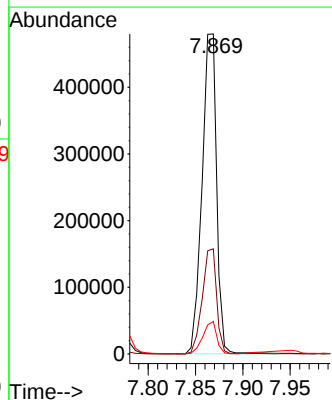
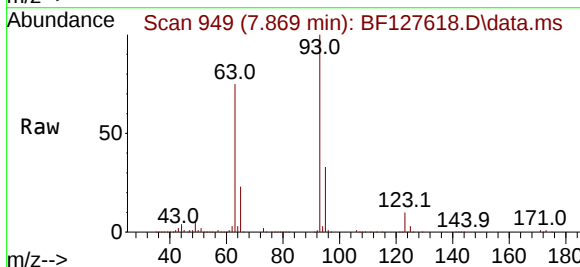
Instrument :
BNA_F
ClientSampleId :
MHEMSD

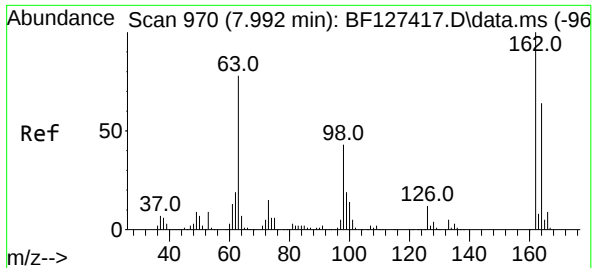
Tgt Ion:122 Resp: 340457
Ion Ratio Lower Upper
122 100
107 116.1 93.0 139.4
121 58.0 44.9 67.3



#28
bis(2-Chloroethoxy)methane
Concen: 52.341 ng
RT: 7.869 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion: 93 Resp: 515381
Ion Ratio Lower Upper
93 100
95 32.8 26.3 39.5
123 10.1 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 50.436 ng

RT: 7.986 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

Instrument :

BNA_F

ClientSampleId :

MHEMSD

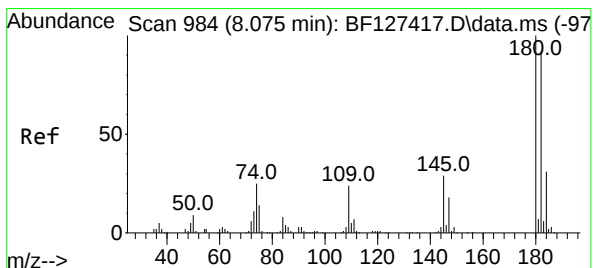
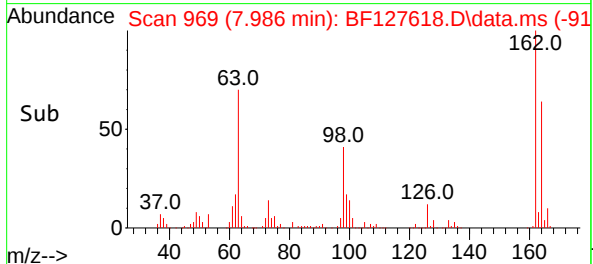
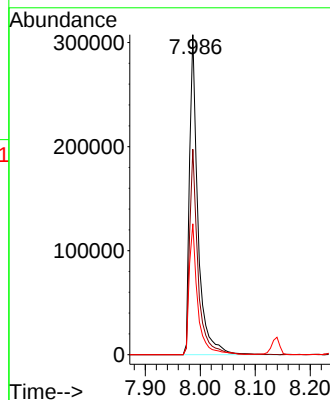
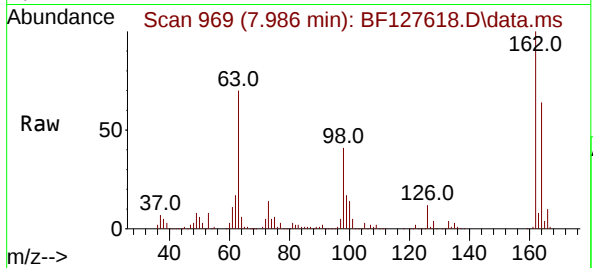
Tgt Ion:162 Resp: 327845

Ion Ratio Lower Upper

162 100

164 64.2 43.7 83.7

98 40.9 23.5 63.5



#30

1,2,4-Trichlorobenzene

Concen: 44.593 ng

RT: 8.057 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

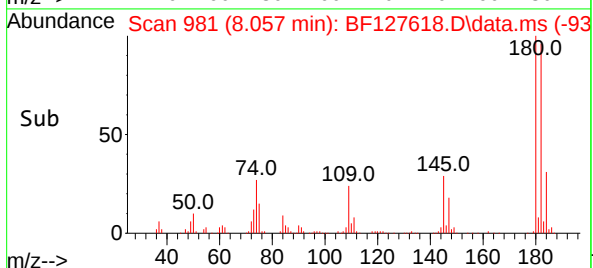
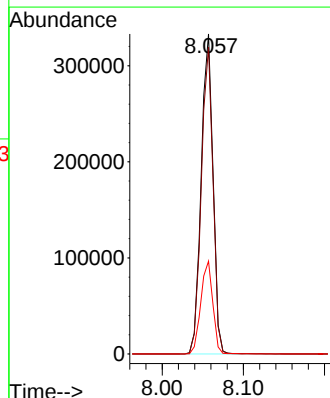
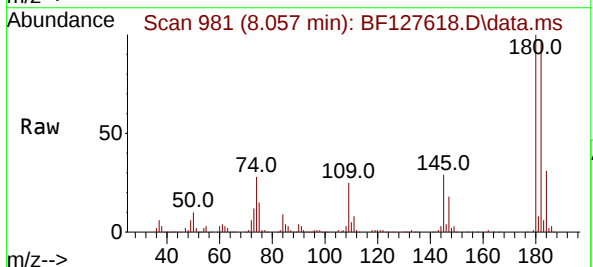
Tgt Ion:180 Resp: 337780

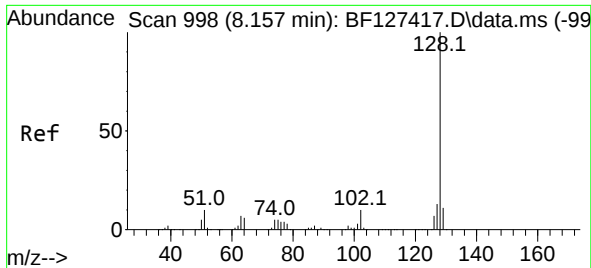
Ion Ratio Lower Upper

180 100

182 95.8 73.8 110.6

145 29.0 23.3 34.9

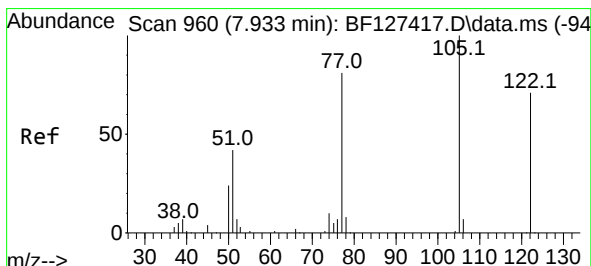
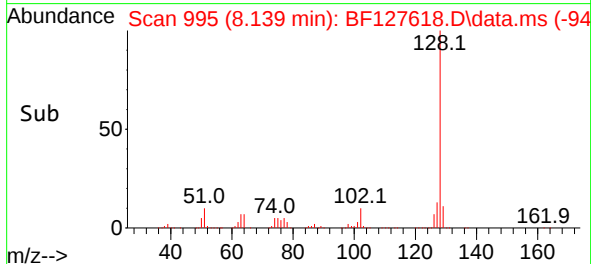
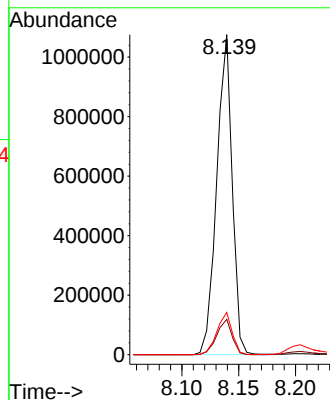
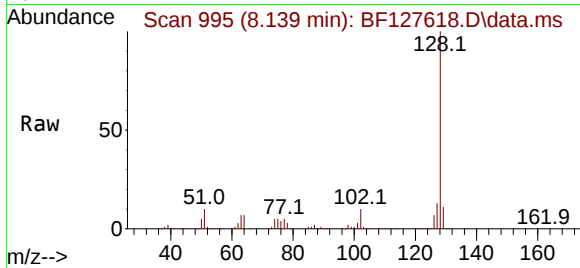




#31
Naphthalene
Concen: 47.241 ng
RT: 8.139 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

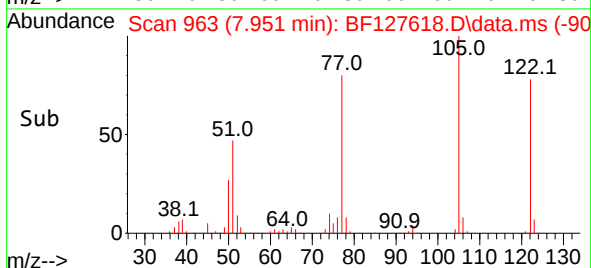
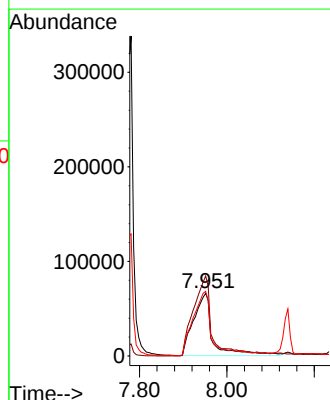
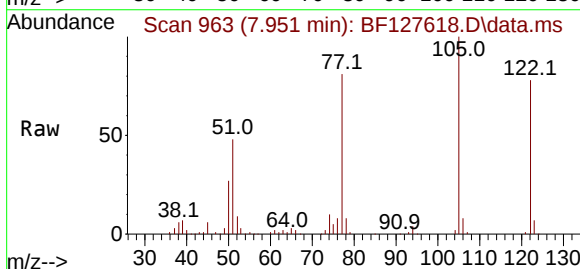
Instrument :
BNA_F
ClientSampleId :
MHEMSD

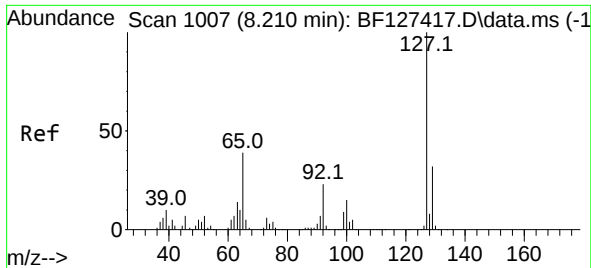
Tgt Ion:128 Resp: 1020324
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 13.2 10.2 15.2



#32
Benzoic acid
Concen: 59.240 ng
RT: 7.951 min Scan# 963
Delta R.T. 0.024 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion:122 Resp: 200274
Ion Ratio Lower Upper
122 100
105 127.5 117.1 157.1
77 103.1 93.0 133.0

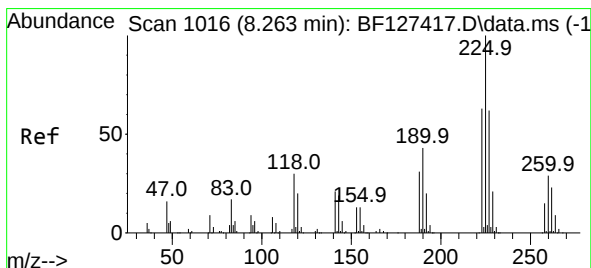
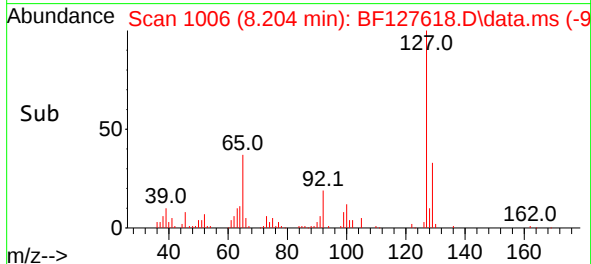
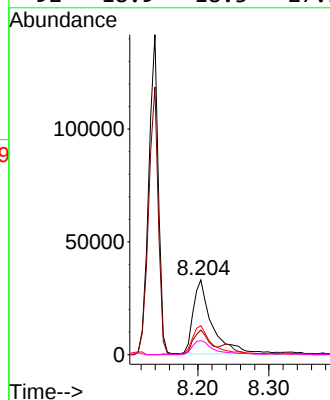
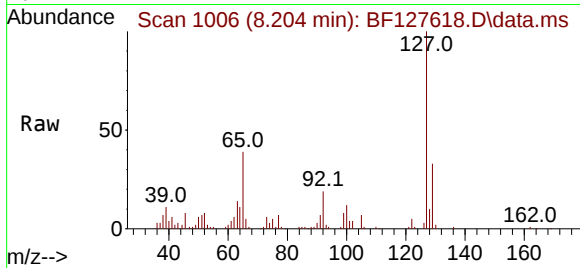




#33
4-Chloroaniline
Concen: 7.312 ng
RT: 8.204 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

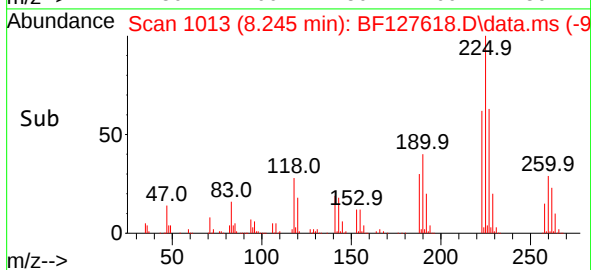
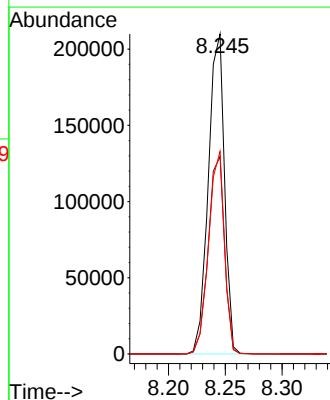
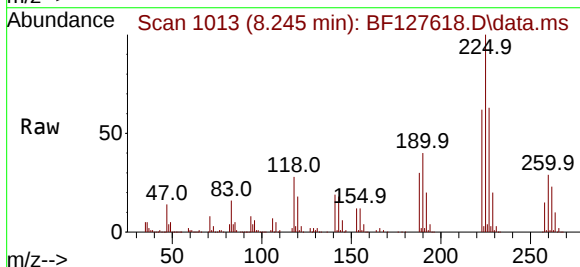
Instrument :
BNA_F
ClientSampleId :
MHMSD

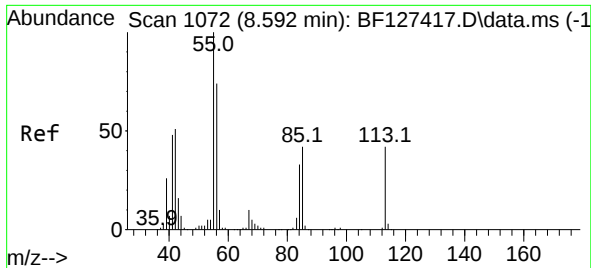
Tgt Ion:	127	Resp:	61201
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	38.8	31.4	47.0
92	18.9	18.3	27.5



#34
Hexachlorobutadiene
Concen: 43.126 ng
RT: 8.245 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion:	225	Resp:	207435
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.6	76.0
227	63.3	49.6	74.4

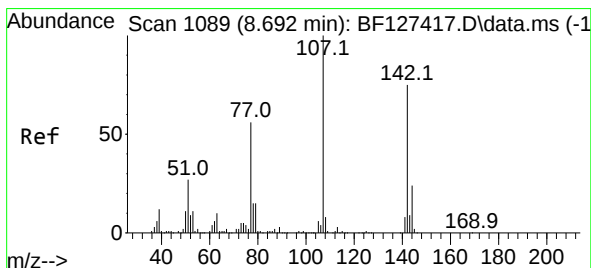
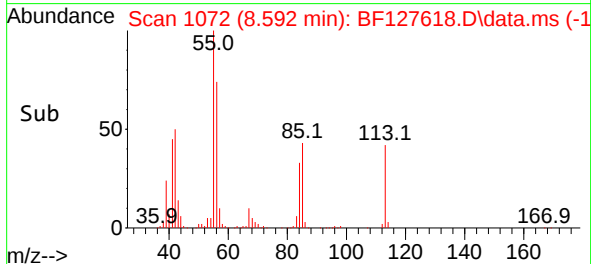
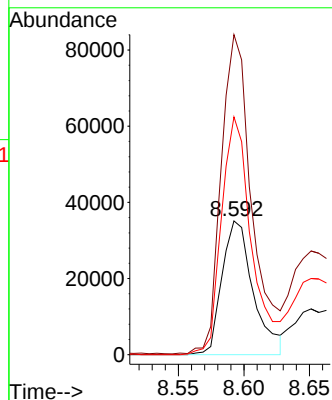
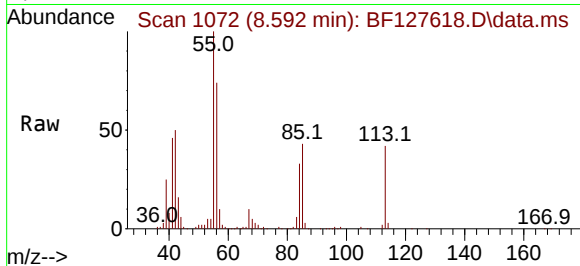




#35
 Caprolactam
 Concen: 29.070 ng
 RT: 8.592 min Scan# 1072
 Delta R.T. 0.006 min
 Lab File: BF127618.D
 Acq: 01 Apr 2022 18:05

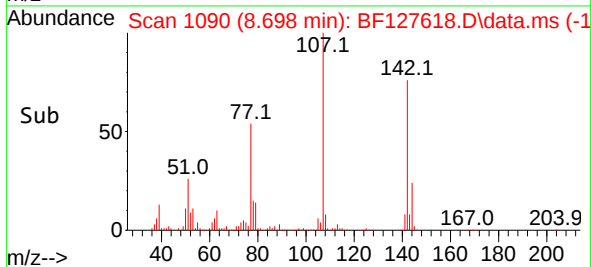
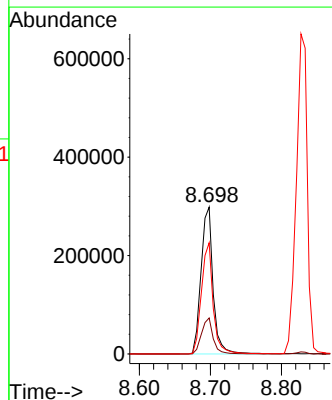
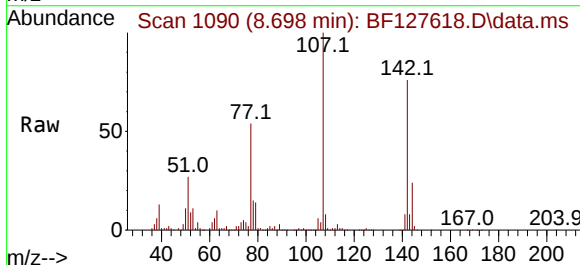
Instrument :
 BNA_F
 ClientSampleId :
 MHEMSD

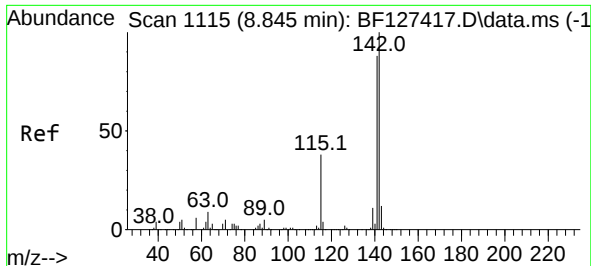
Tgt Ion:113 Resp: 58255
 Ion Ratio Lower Upper
 113 100
 55 239.3 218.7 258.7
 56 177.8 156.2 196.2



#36
 4-Chloro-3-methylphenol
 Concen: 50.078 ng
 RT: 8.698 min Scan# 1090
 Delta R.T. 0.018 min
 Lab File: BF127618.D
 Acq: 01 Apr 2022 18:05

Tgt Ion:107 Resp: 353184
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.3 28.9
 142 75.7 59.8 89.8





#37

2-Methylnaphthalene

Concen: 50.293 ng

RT: 8.828 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

Instrument :

BNA_F

ClientSampleId :

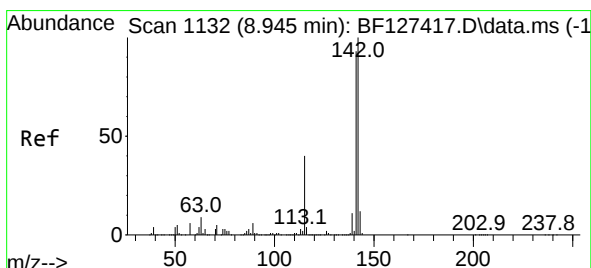
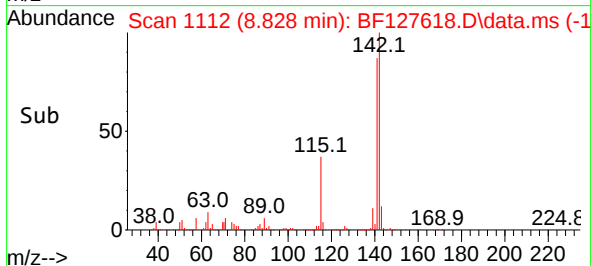
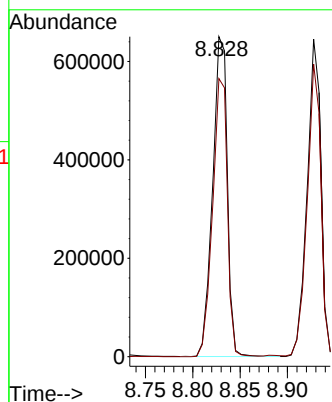
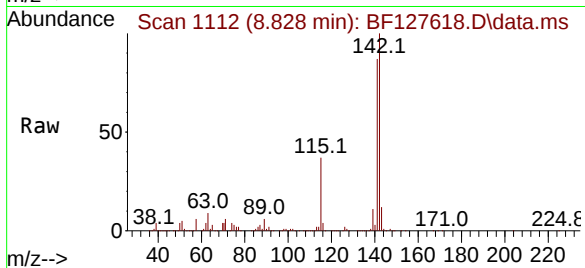
MHEMSD

Tgt Ion:142 Resp: 698462

Ion Ratio Lower Upper

142 100

141 86.9 70.6 106.0



#38

1-Methylnaphthalene

Concen: 47.878 ng

RT: 8.928 min Scan# 1129

Delta R.T. 0.000 min

Lab File: BF127618.D

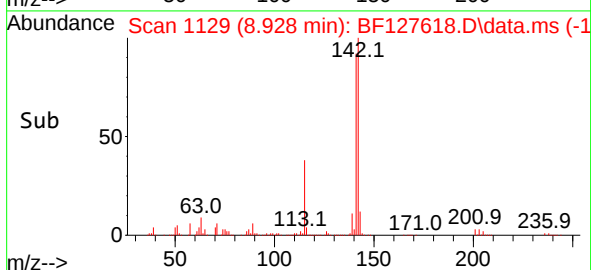
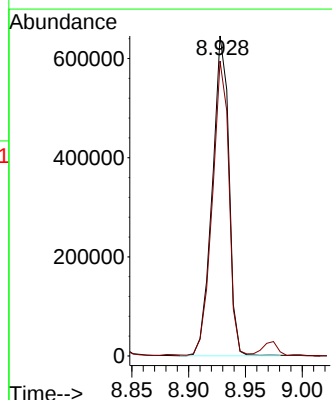
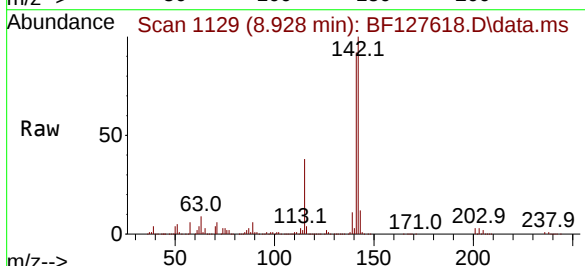
Acq: 01 Apr 2022 18:05

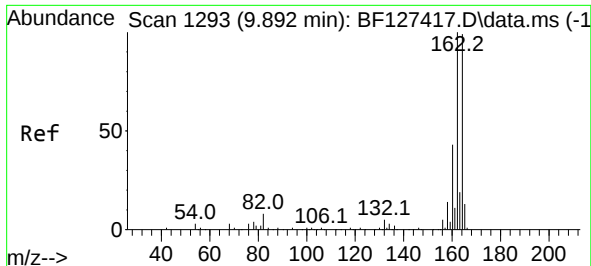
Tgt Ion:142 Resp: 657495

Ion Ratio Lower Upper

142 100

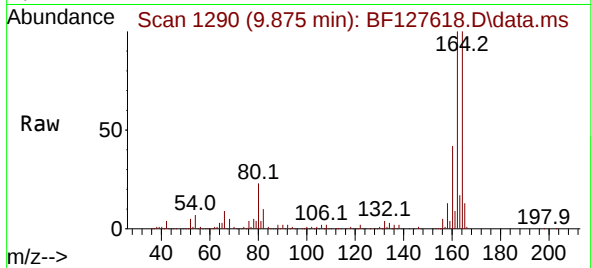
141 92.1 74.2 111.2



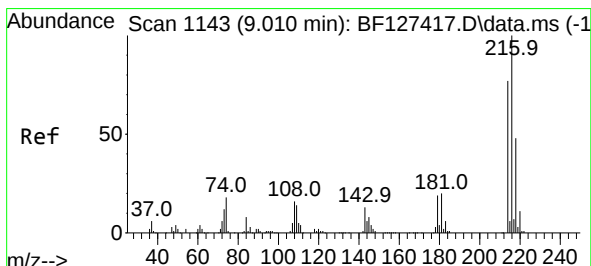
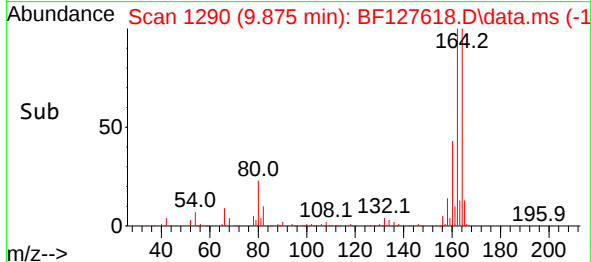
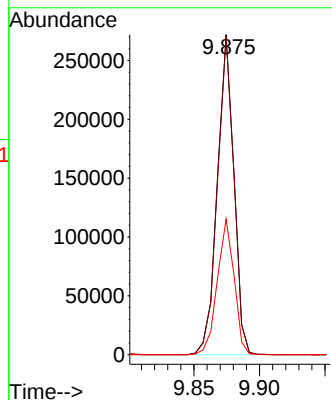


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Instrument :
BNA_F
ClientSampleId :
MHEMSD

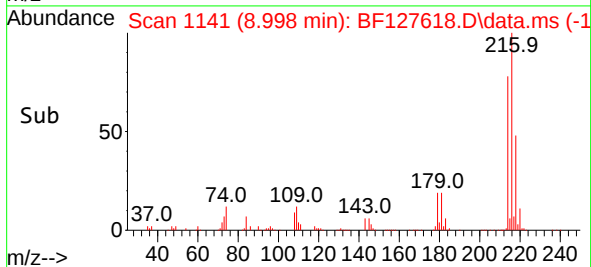
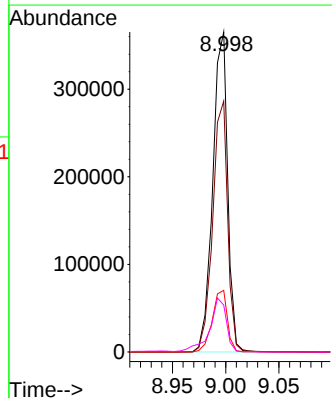
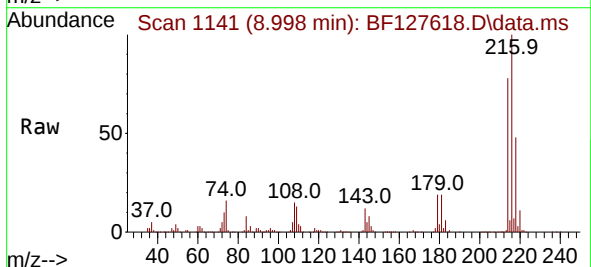


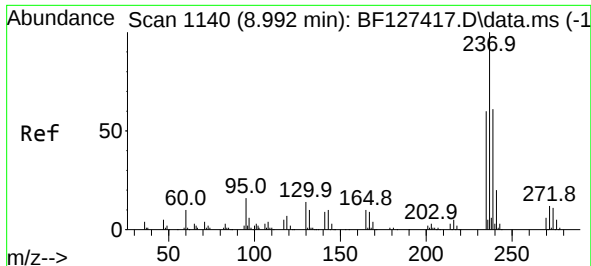
Tgt Ion:164 Resp: 238301
Ion Ratio Lower Upper
164 100
162 99.6 81.2 121.8
160 42.4 34.6 52.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.800 ng
RT: 8.998 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion:216 Resp: 354601
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.4
179 19.5 15.5 23.3
108 18.8 13.8 20.6

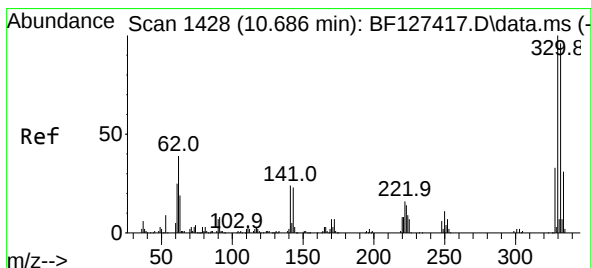
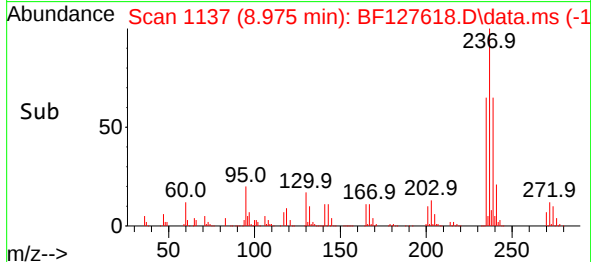
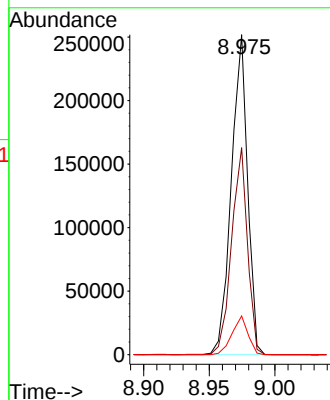
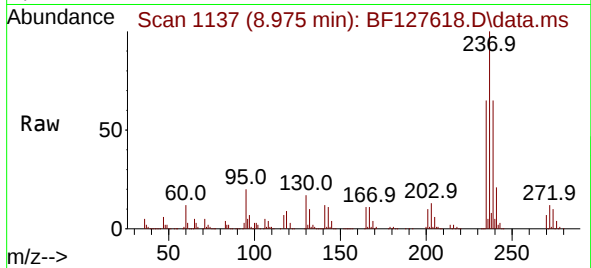




#41
Hexachlorocyclopentadiene
Concen: 81.906 ng
RT: 8.975 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

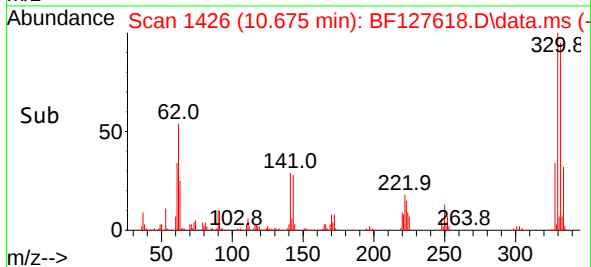
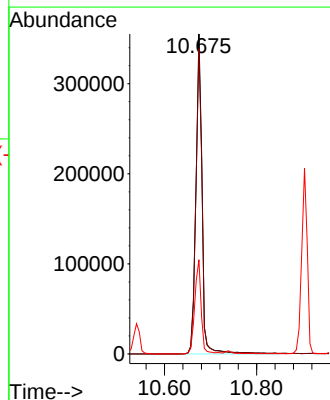
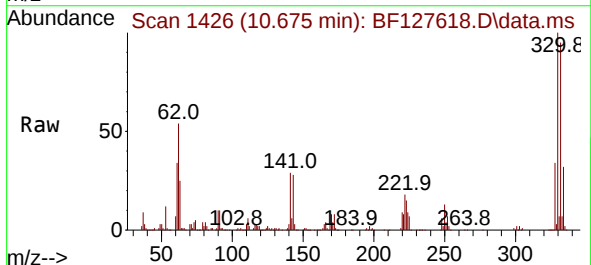
Instrument :
BNA_F
ClientSampleId :
MHEMSD

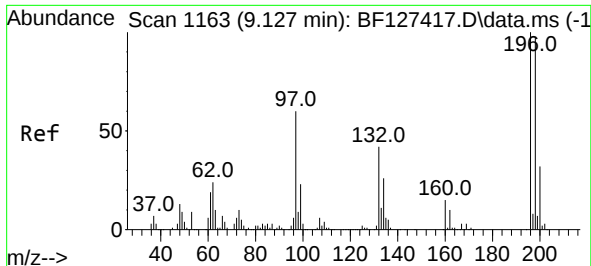
Tgt Ion:237 Resp: 216922
Ion Ratio Lower Upper
237 100
235 64.7 40.4 80.4
272 12.1 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 130.044 ng
RT: 10.675 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion:330 Resp: 330118
Ion Ratio Lower Upper
330 100
332 95.4 79.1 118.7
141 30.6 26.2 39.4





#43

2,4,6-Trichlorophenol

Concen: 49.129 ng

RT: 9.116 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

Instrument :

BNA_F

ClientSampleId :

MHEMSD

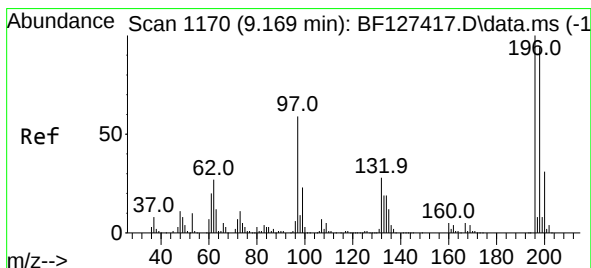
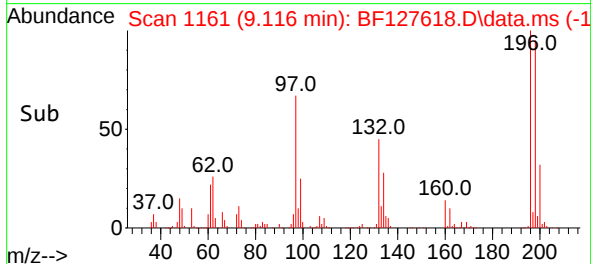
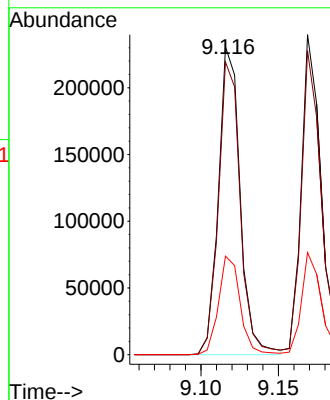
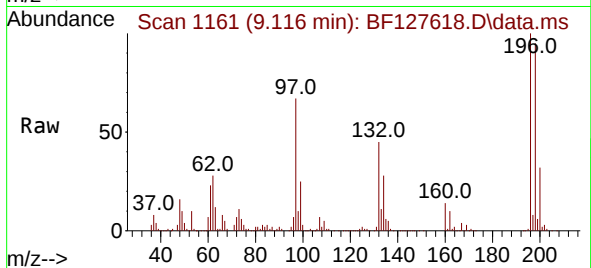
Tgt Ion:196 Resp: 225011

Ion Ratio Lower Upper

196 100

198 95.1 77.8 116.6

200 32.0 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 48.971 ng

RT: 9.169 min Scan# 1170

Delta R.T. 0.006 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

Tgt Ion:196 Resp: 230883

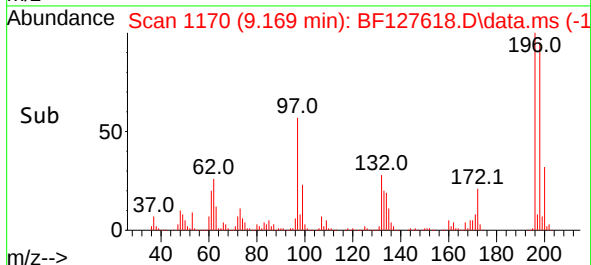
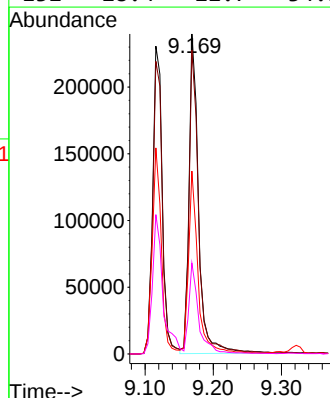
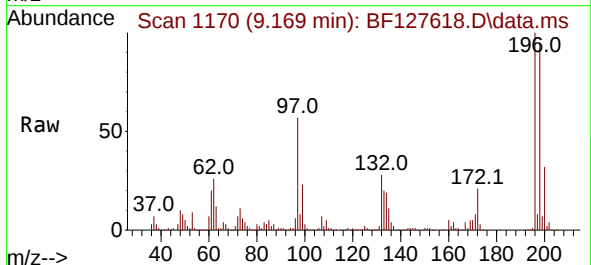
Ion Ratio Lower Upper

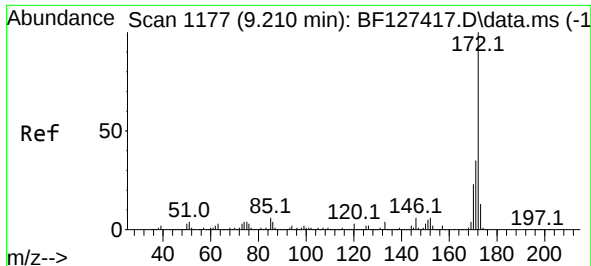
196 100

198 95.0 75.3 112.9

97 57.2 46.8 70.2

132 28.4 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 86.368 ng

RT: 9.192 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

Instrument :

BNA_F

ClientSampleId :

MHEMSD

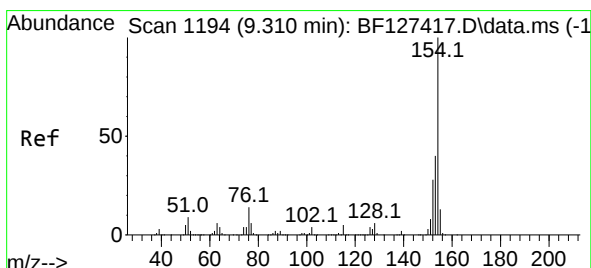
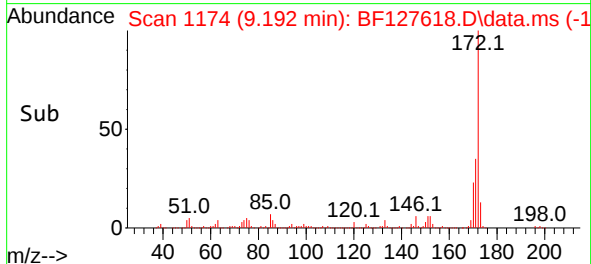
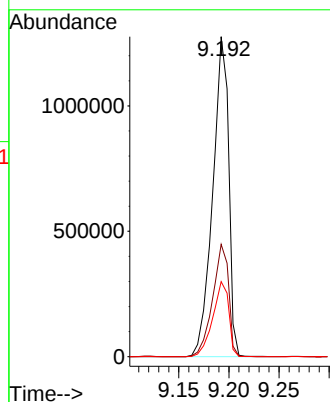
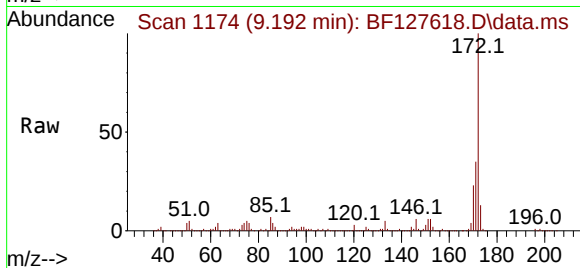
Tgt Ion:172 Resp: 1409469

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.4 18.6 27.8



#46

1,1'-Biphenyl

Concen: 47.353 ng

RT: 9.298 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

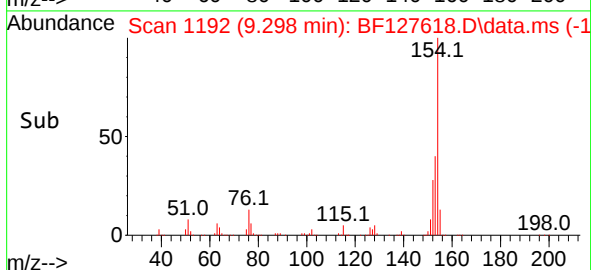
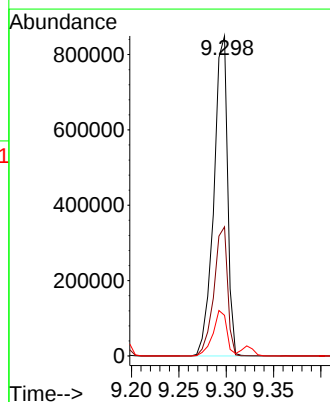
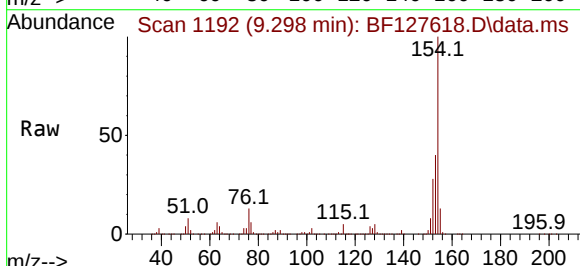
Tgt Ion:154 Resp: 852261

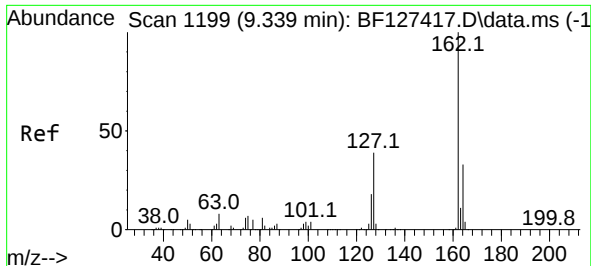
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 12.7 0.0 33.9





#47

2-Chloronaphthalene

Concen: 47.659 ng

RT: 9.322 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

Instrument :

BNA_F

ClientSampleId :

MHEMSD

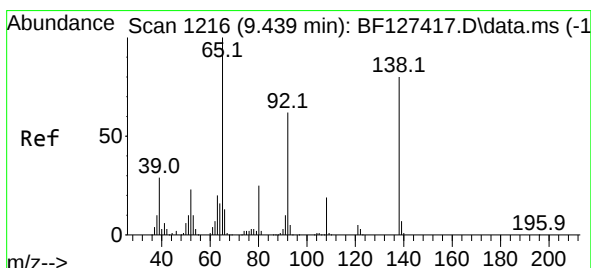
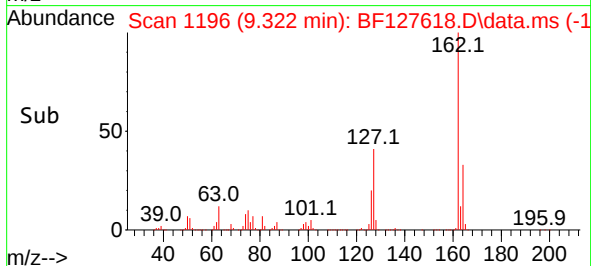
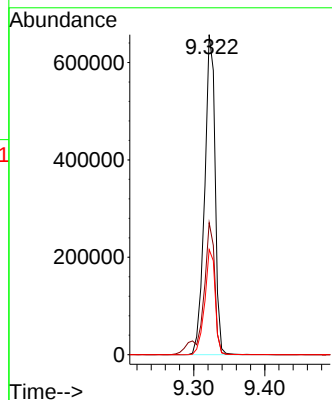
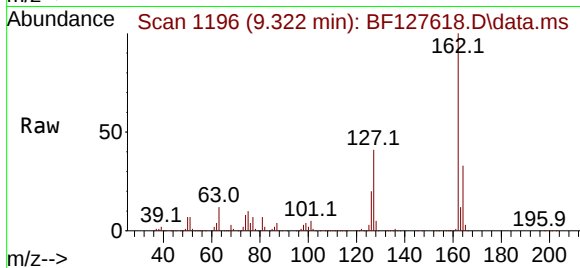
Tgt Ion:162 Resp: 675473

Ion Ratio Lower Upper

162 100

127 41.3 31.8 47.6

164 32.9 26.4 39.6



#48

2-Nitroaniline

Concen: 47.911 ng

RT: 9.433 min Scan# 1215

Delta R.T. 0.006 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

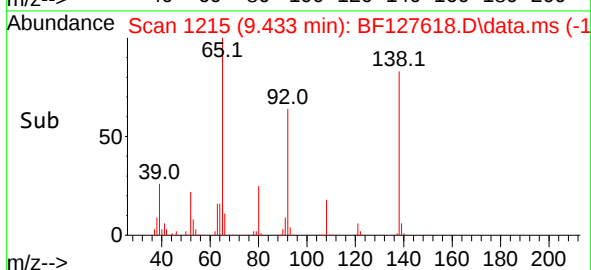
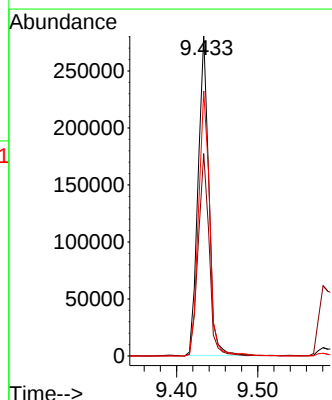
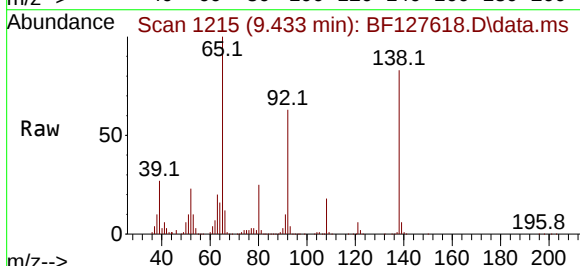
Tgt Ion: 65 Resp: 260243

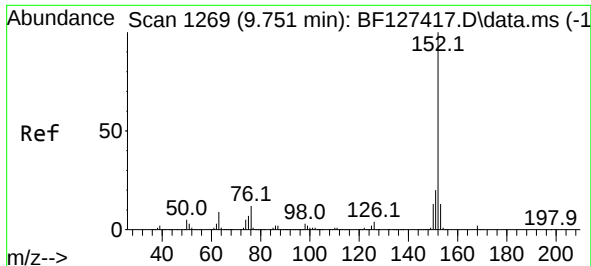
Ion Ratio Lower Upper

65 100

92 63.3 50.0 75.0

138 82.8 64.1 96.1





#49

Acenaphthylene

Concen: 49.194 ng

RT: 9.739 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

Instrument :

BNA_F

ClientSampleId :

MHEMSD

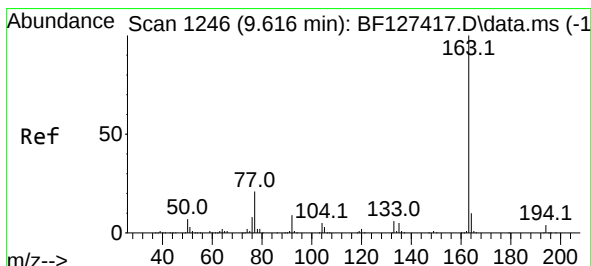
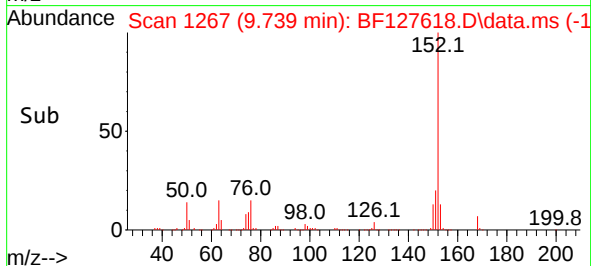
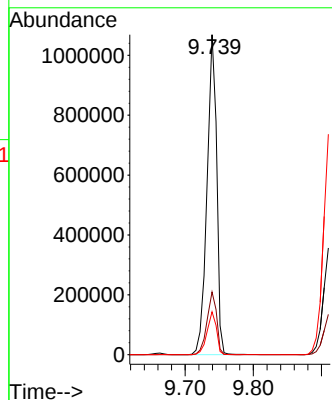
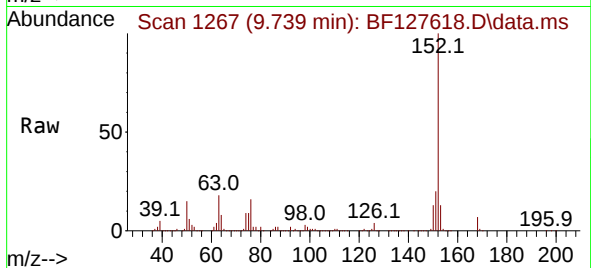
Tgt Ion:152 Resp: 1054056

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.8

153 13.4 10.5 15.7



#50

Dimethylphthalate

Concen: 50.474 ng

RT: 9.604 min Scan# 1244

Delta R.T. 0.006 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

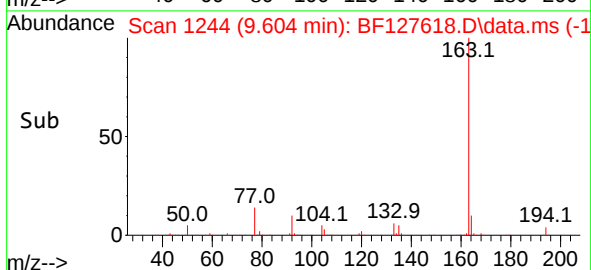
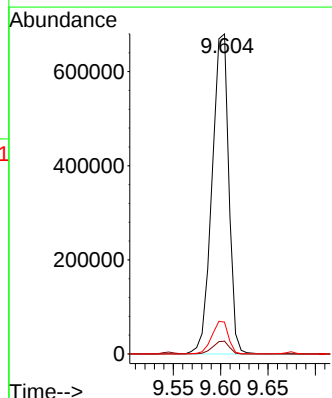
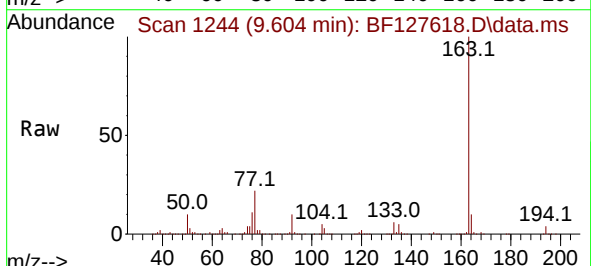
Tgt Ion:163 Resp: 836763

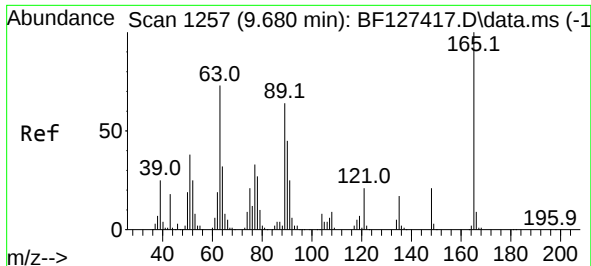
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.0 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 50.604 ng

RT: 9.675 min Scan# 1256

Delta R.T. 0.006 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

Instrument :

BNA_F

ClientSampleId :

MHEMSD

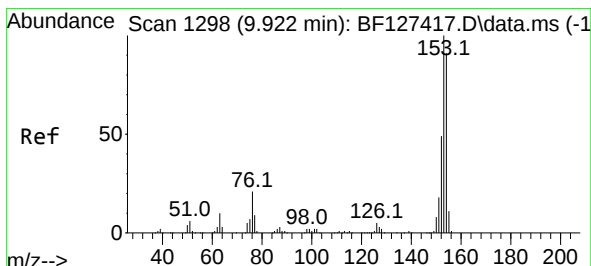
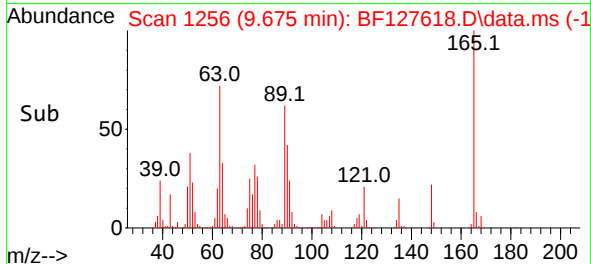
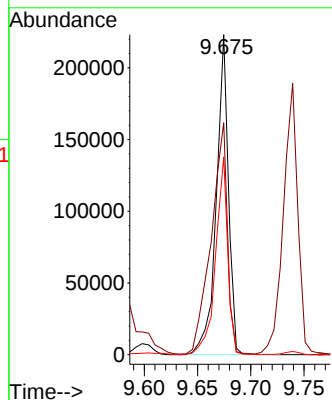
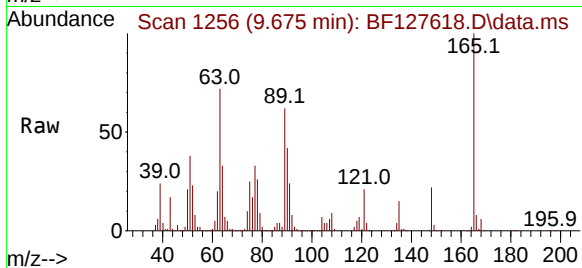
Tgt Ion:165 Resp: 176099

Ion Ratio Lower Upper

165 100

63 72.5 58.3 87.5

89 61.8 51.5 77.3



#52

Acenaphthene

Concen: 48.765 ng

RT: 9.910 min Scan# 1296

Delta R.T. 0.000 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

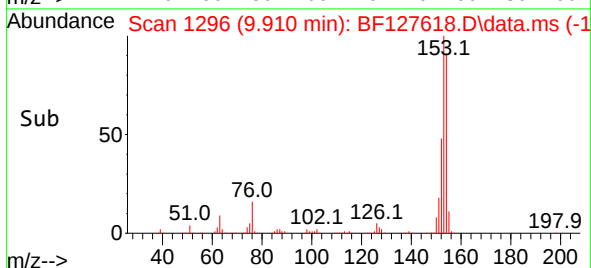
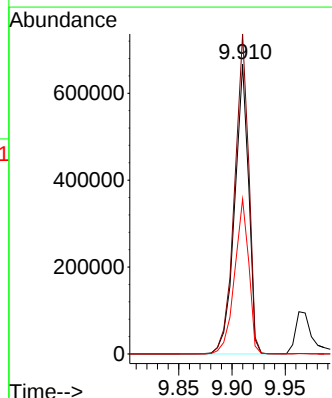
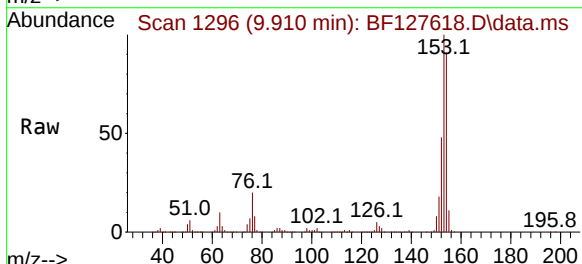
Tgt Ion:154 Resp: 609628

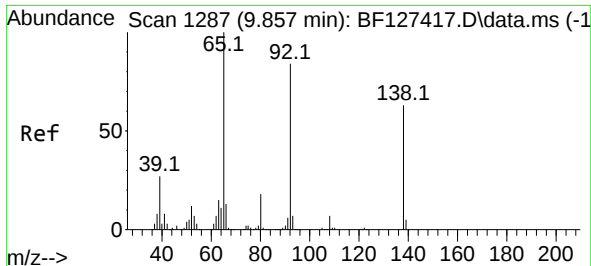
Ion Ratio Lower Upper

154 100

153 110.5 87.6 131.4

152 53.5 42.9 64.3

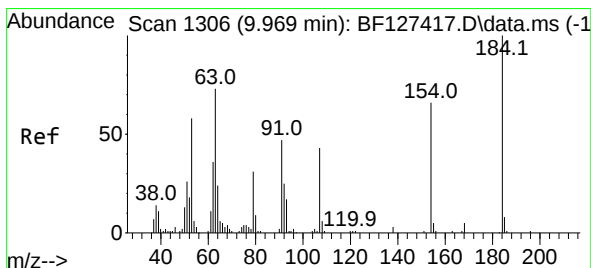
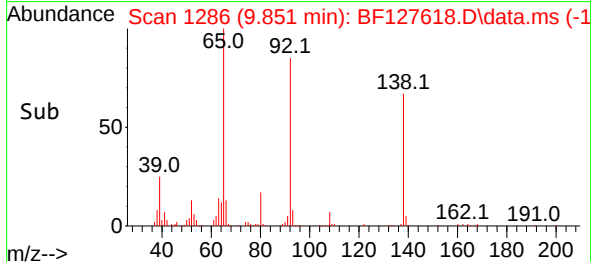
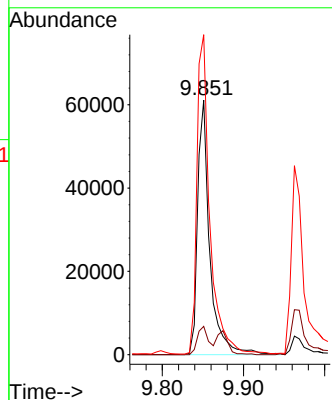
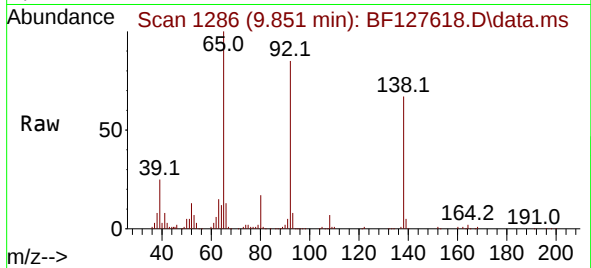




#53
3-Nitroaniline
Concen: 16.714 ng
RT: 9.851 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

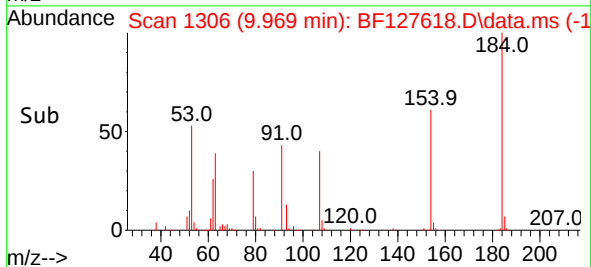
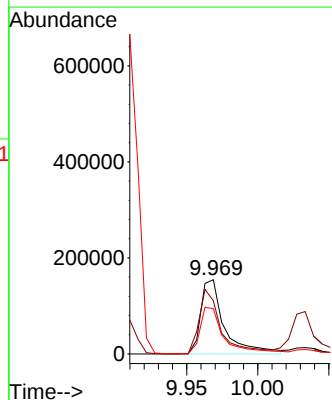
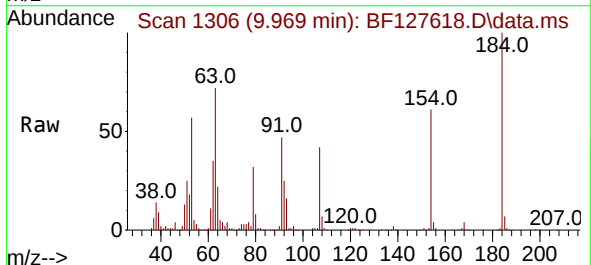
Instrument :
BNA_F
ClientSampleId :
MHEMSD

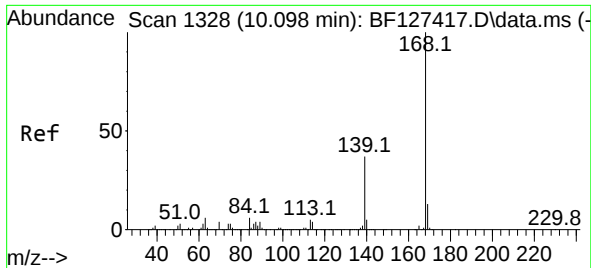
Tgt Ion:138 Resp: 63801
Ion Ratio Lower Upper
138 100
108 11.1 9.4 14.0
92 125.7 106.1 159.1



#54
2,4-Dinitrophenol
Concen: 100.166 ng
RT: 9.969 min Scan# 1306
Delta R.T. 0.012 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion:184 Resp: 180246
Ion Ratio Lower Upper
184 100
63 71.8 58.1 87.1
154 60.9 53.2 79.8

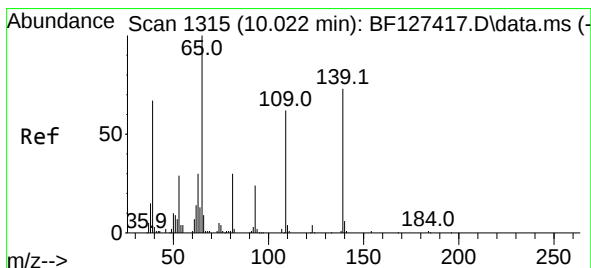
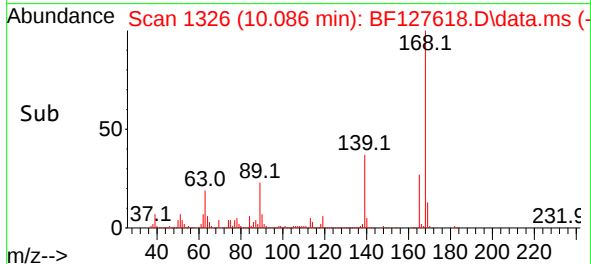
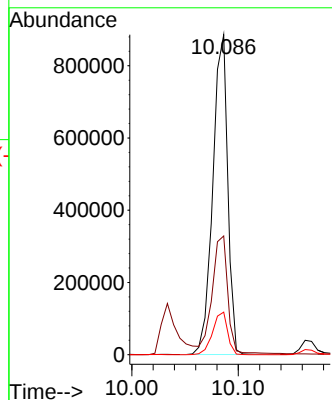
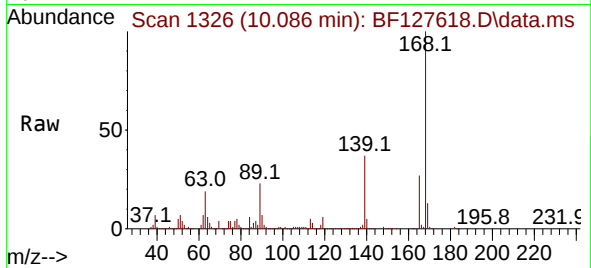




#55
Dibenzenofuran
Concen: 47.905 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

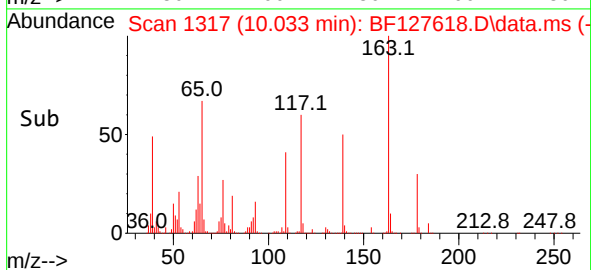
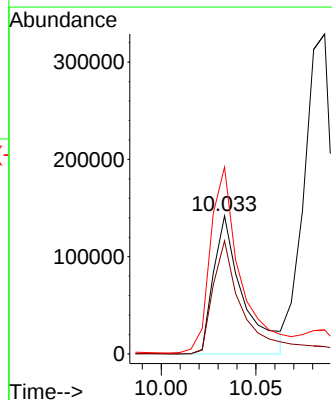
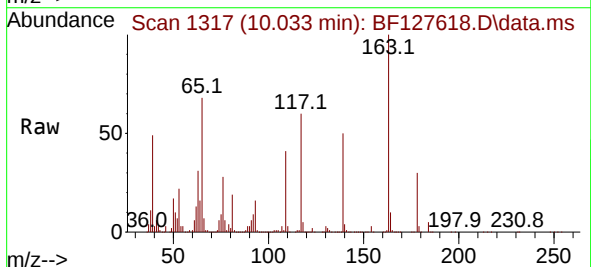
Instrument :
BNA_F
ClientSampleId :
MHEMSD

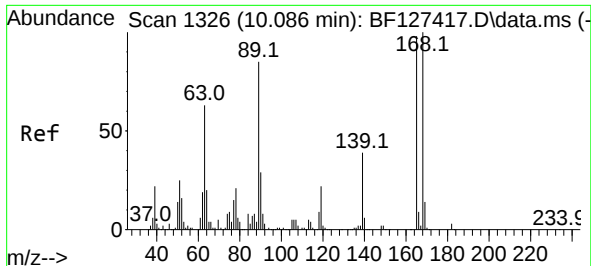
Tgt Ion:168 Resp: 860275
Ion Ratio Lower Upper
168 100
139 37.1 30.3 45.5
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 79.075 ng
RT: 10.033 min Scan# 1317
Delta R.T. 0.018 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion:139 Resp: 153635
Ion Ratio Lower Upper
139 100
109 81.9 64.3 104.3
65 135.3 117.5 157.5

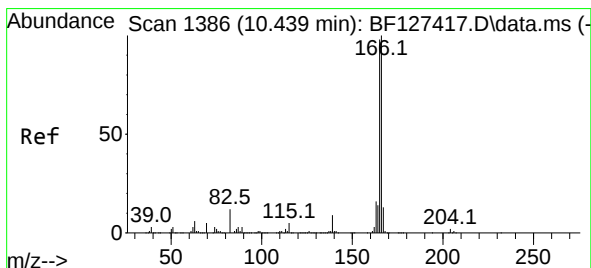
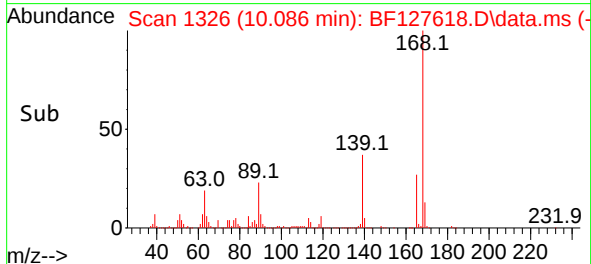
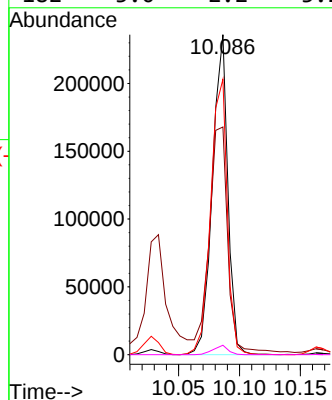
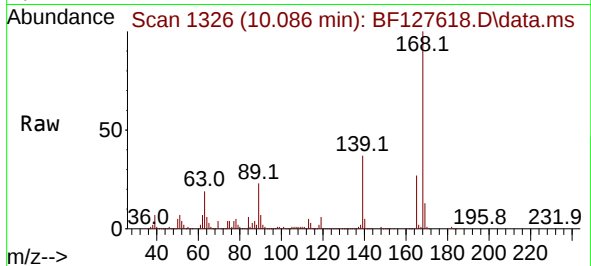




#57
2,4-Dinitrotoluene
Concen: 46.568 ng
RT: 10.086 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

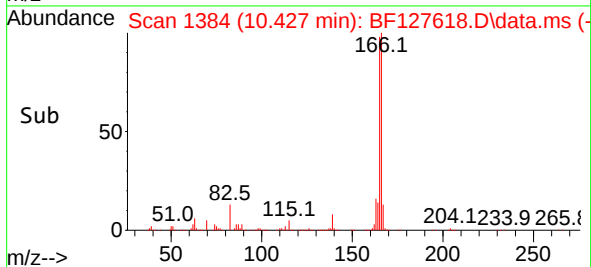
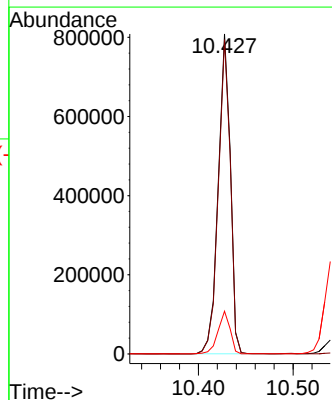
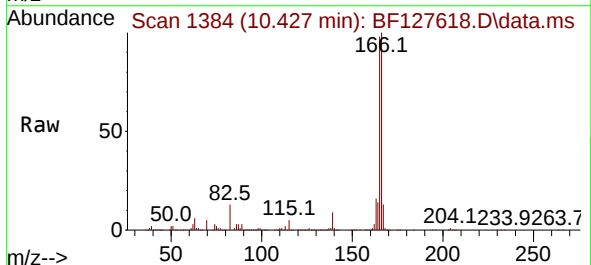
Instrument :
BNA_F
ClientSampleId :
MHEMSD

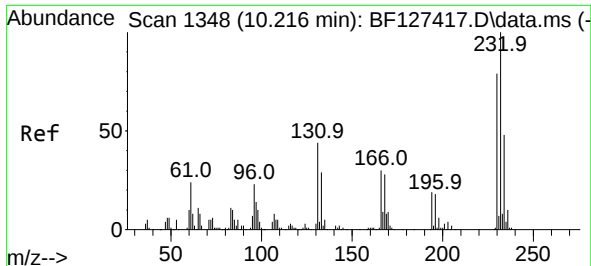
Tgt Ion:165 Resp: 208589
Ion Ratio Lower Upper
165 100
63 71.2 53.1 79.7
89 86.1 69.2 103.8
182 3.0 2.2 3.2



#58
Fluorene
Concen: 49.748 ng
RT: 10.427 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion:166 Resp: 716741
Ion Ratio Lower Upper
166 100
165 98.2 78.1 117.1
167 13.4 10.5 15.7

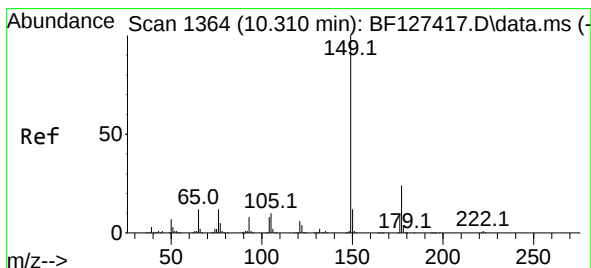
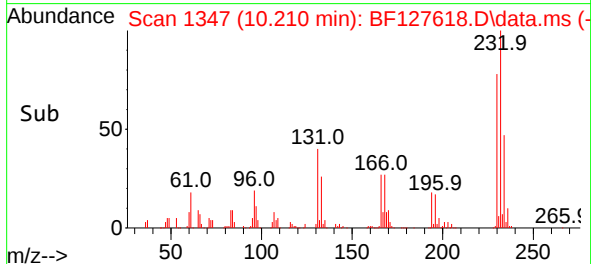
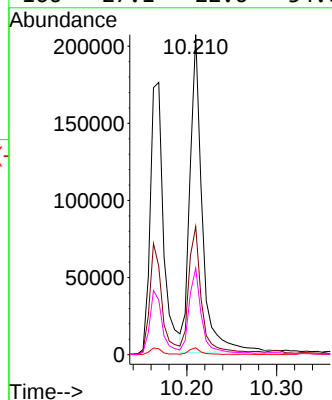
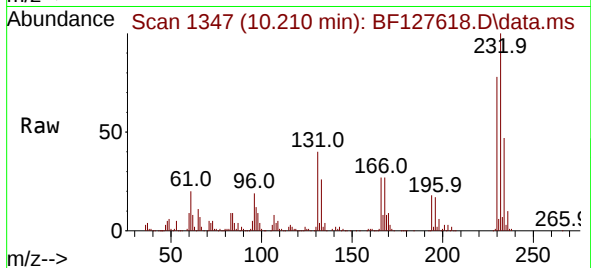




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.976 ng
RT: 10.210 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

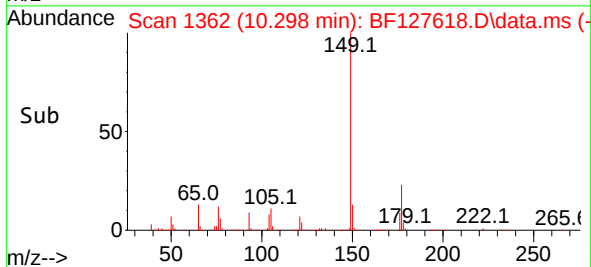
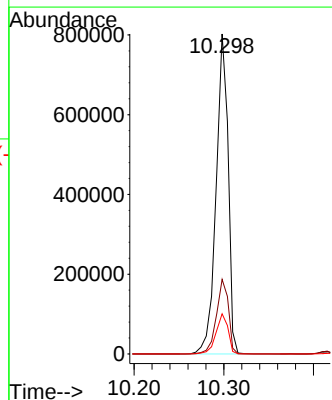
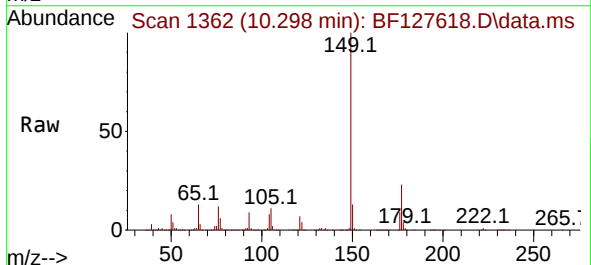
Instrument :
BNA_F
ClientSampleId :
MHEMSD

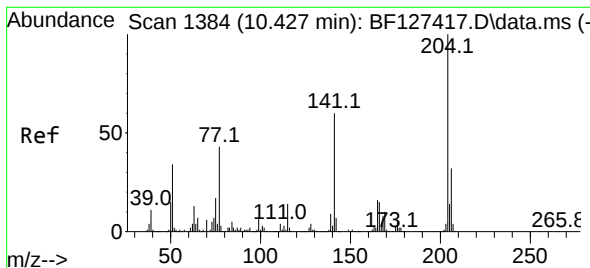
Tgt Ion:232 Resp: 195812
Ion Ratio Lower Upper
232 100
131 41.0 33.4 50.0
130 2.3 1.8 2.6
166 27.1 22.6 34.0



#60
Diethylphthalate
Concen: 49.325 ng
RT: 10.298 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion:149 Resp: 746877
Ion Ratio Lower Upper
149 100
177 23.3 18.9 28.3
150 12.6 10.0 15.0

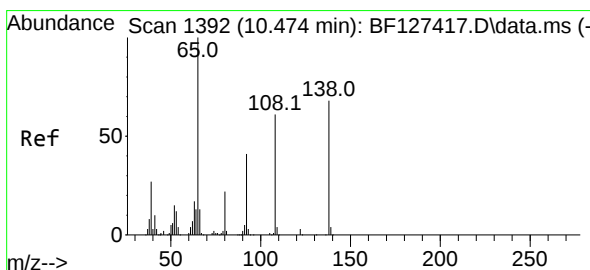
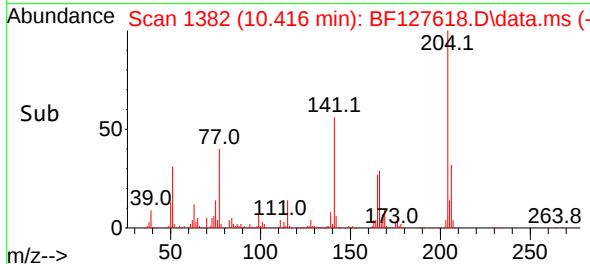
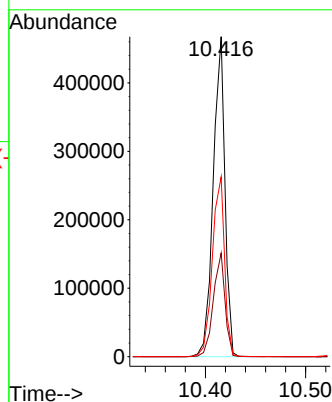
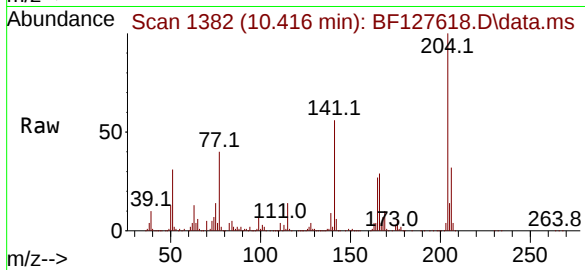




#61
4-Chlorophenyl-phenylether
Concen: 44.511 ng
RT: 10.416 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

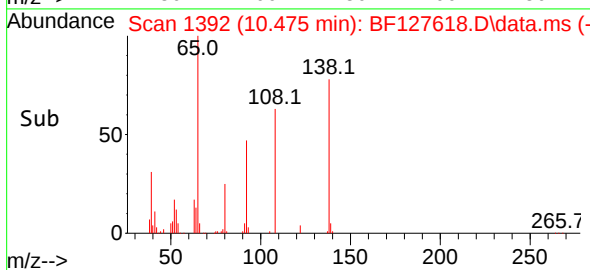
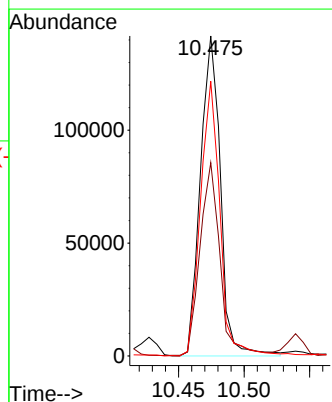
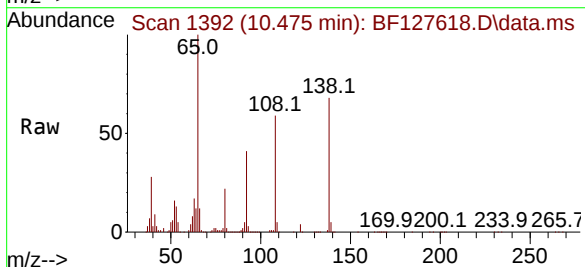
Instrument :
BNA_F
ClientSampleId :
MHEMSD

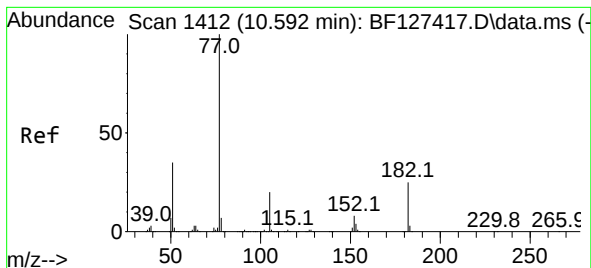
Tgt Ion:204 Resp: 381383
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 56.2 47.8 71.8



#62
4-Nitroaniline
Concen: 42.156 ng
RT: 10.475 min Scan# 1392
Delta R.T. 0.012 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion:138 Resp: 150735
Ion Ratio Lower Upper
138 100
92 60.4 40.5 80.5
108 85.9 69.2 109.2





#63

Azobenzene

Concen: 47.699 ng

RT: 10.575 min Scan# 1409

Delta R.T. 0.000 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

Instrument :

BNA_F

ClientSampleId :

MHEMSD

Tgt Ion: 77 Resp: 852228

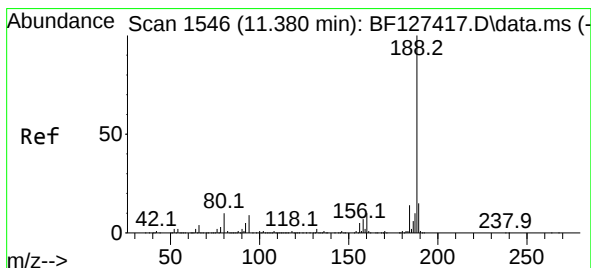
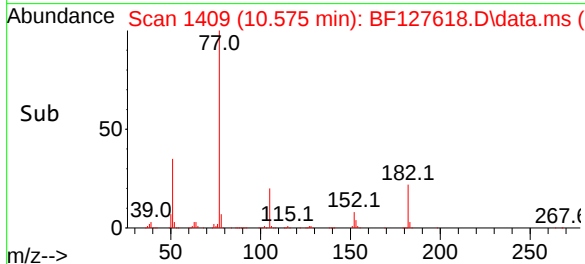
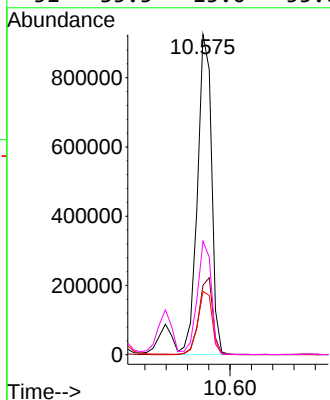
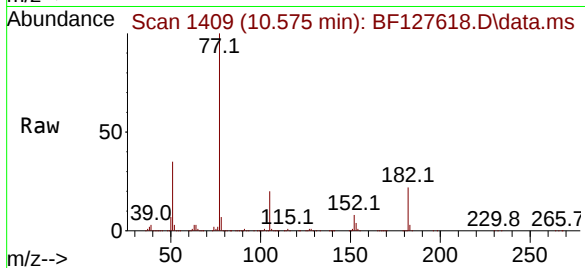
Ion Ratio Lower Upper

77 100

182 21.7 4.5 44.5

105 19.8 0.3 40.3

51 35.5 15.0 55.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1544

Delta R.T. 0.006 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

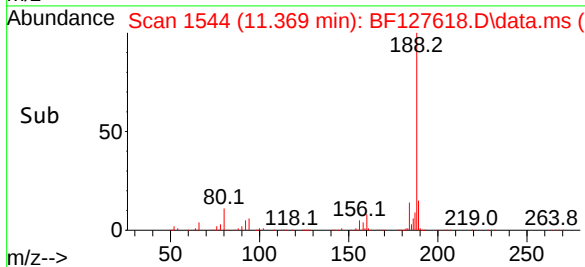
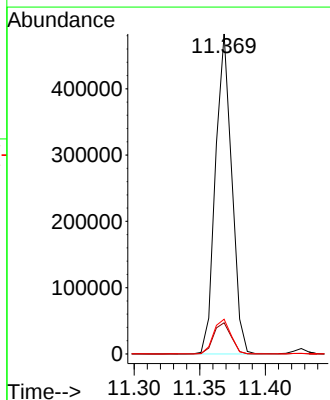
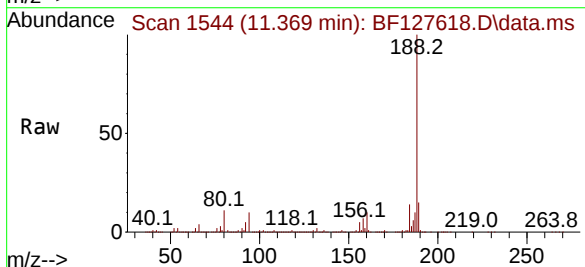
Tgt Ion: 188 Resp: 417171

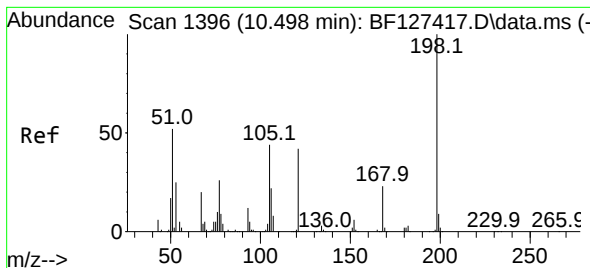
Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.0

80 10.9 8.0 12.0

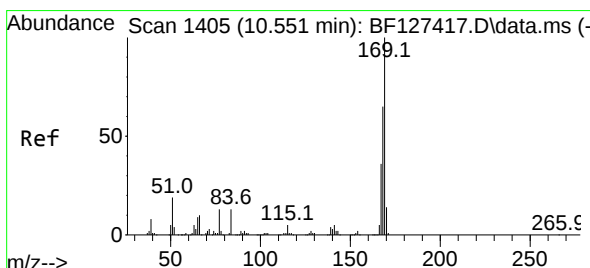
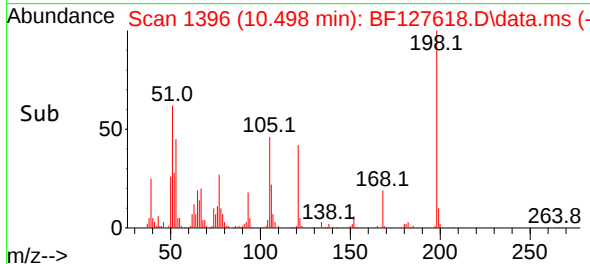
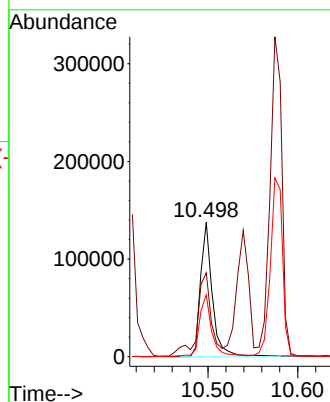
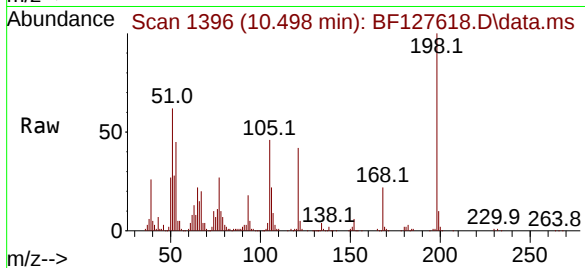




#65
4,6-Dinitro-2-methylphenol
Concen: 48.904 ng
RT: 10.498 min Scan# 1396
Delta R.T. 0.012 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

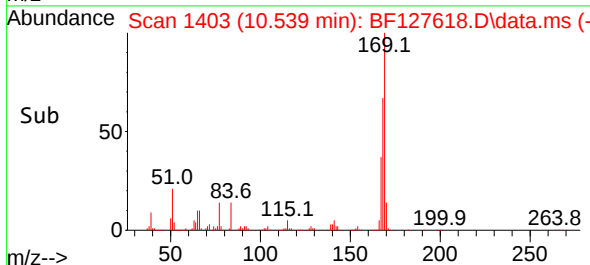
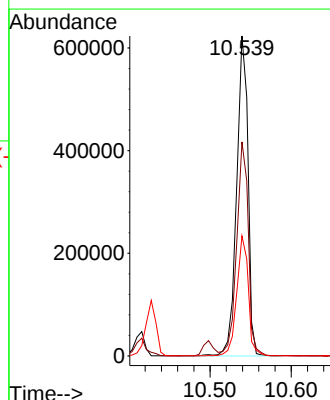
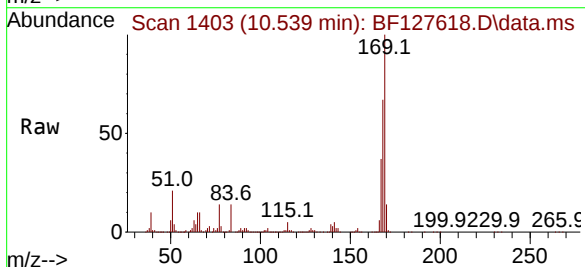
Instrument :
BNA_F
ClientSampleId :
MHEMSD

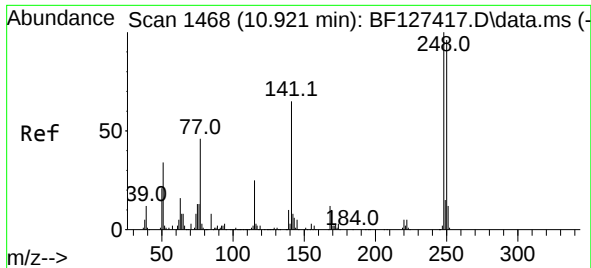
Tgt Ion:198 Resp: 125535
Ion Ratio Lower Upper
198 100
51 62.3 42.7 82.7
105 45.9 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 47.589 ng
RT: 10.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion:169 Resp: 604325
Ion Ratio Lower Upper
169 100
168 66.9 52.7 79.1
167 37.5 28.9 43.3

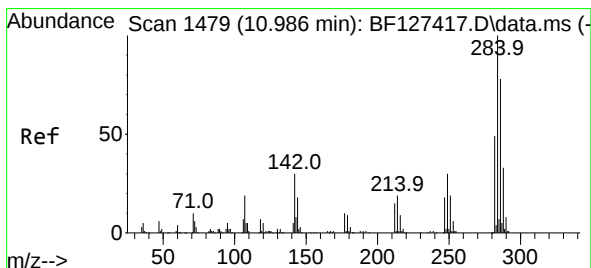
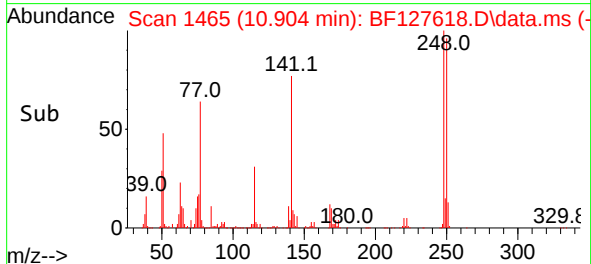
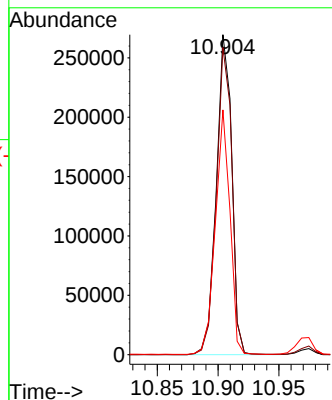
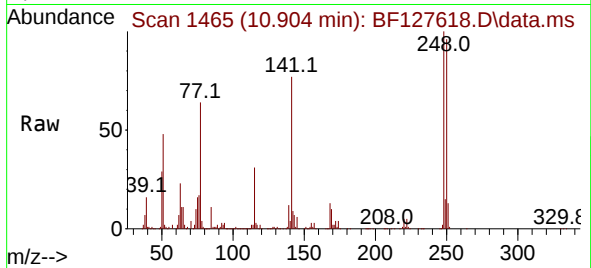




#67
4-Bromophenyl-phenylether
Concen: 48.962 ng
RT: 10.904 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

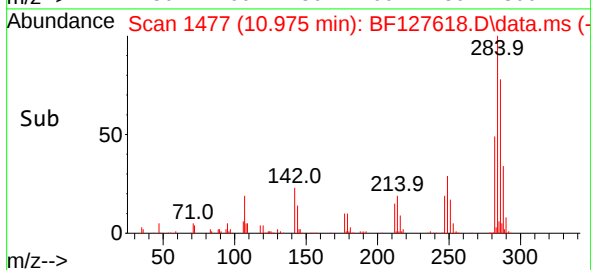
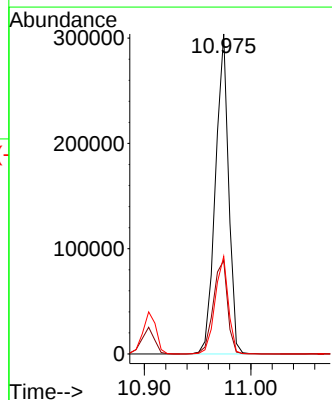
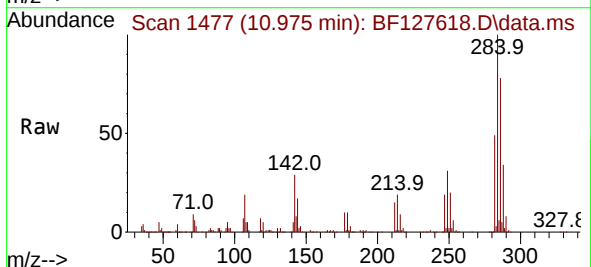
Instrument :
BNA_F
ClientSampleId :
MHEMSD

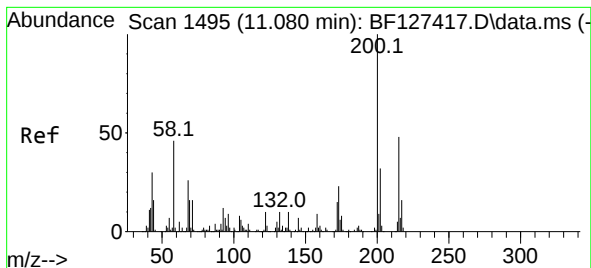
Tgt Ion:248 Resp: 238474
Ion Ratio Lower Upper
248 100
250 96.0 76.6 115.0
141 76.5 52.2 78.2



#68
Hexachlorobenzene
Concen: 49.164 ng
RT: 10.975 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion:284 Resp: 261380
Ion Ratio Lower Upper
284 100
142 29.2 23.8 35.8
249 30.5 23.9 35.9





#69

Atrazine

Concen: 46.619 ng

RT: 11.069 min Scan# 1495

Delta R.T. 0.006 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

Instrument :

BNA_F

ClientSampleId :

MHEMSD

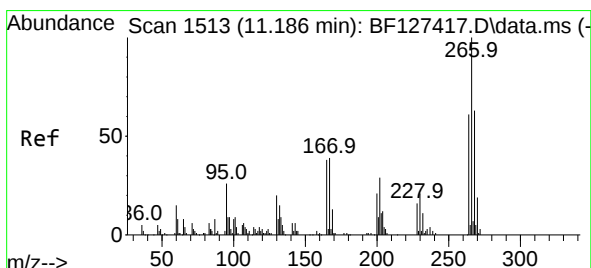
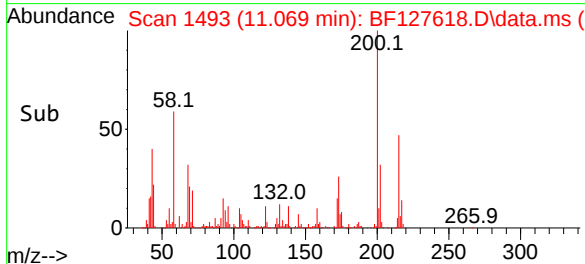
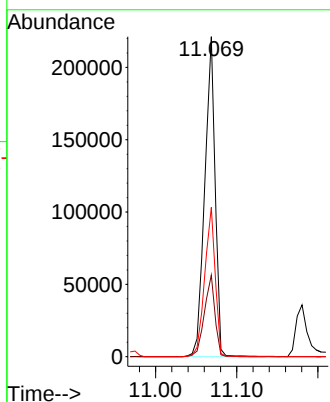
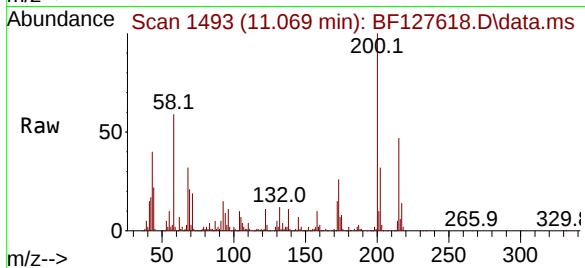
Tgt Ion:200 Resp: 197086

Ion Ratio Lower Upper

200 100

173 25.5 2.9 42.9

215 46.7 28.0 68.0



#70

Pentachlorophenol

Concen: 102.465 ng

RT: 11.180 min Scan# 1512

Delta R.T. 0.006 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

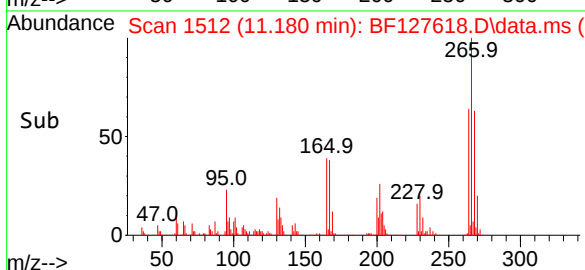
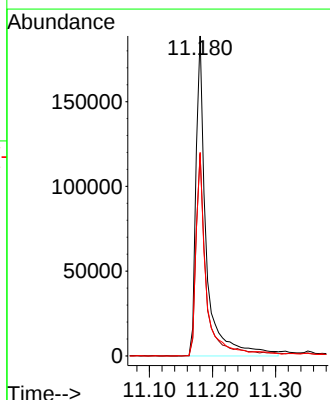
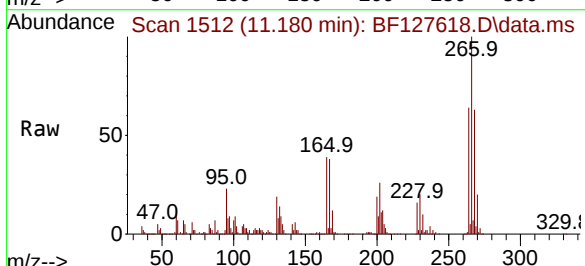
Tgt Ion:266 Resp: 214572

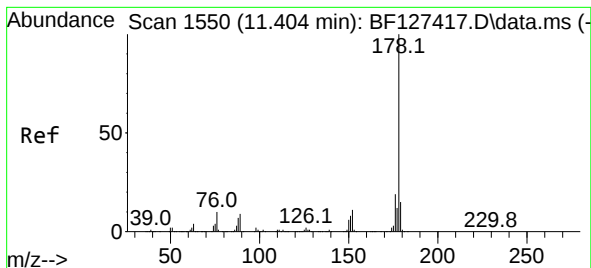
Ion Ratio Lower Upper

266 100

268 63.0 50.4 75.6

264 63.6 48.5 72.7





#71

Phenanthrene

Concen: 47.524 ng

RT: 11.392 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

Instrument :

BNA_F

ClientSampleId :

MHEMSD

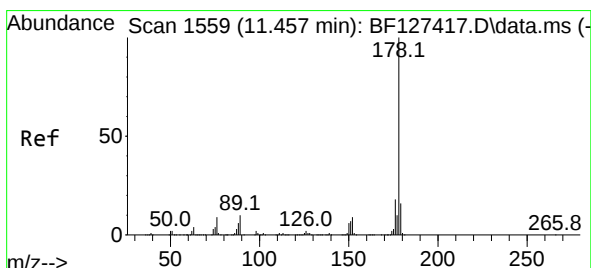
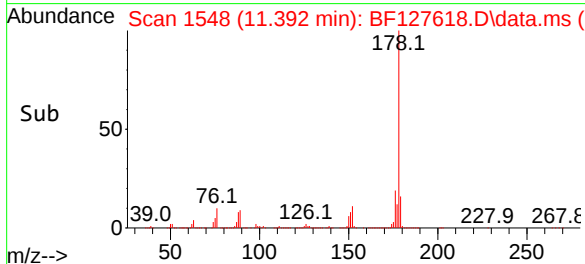
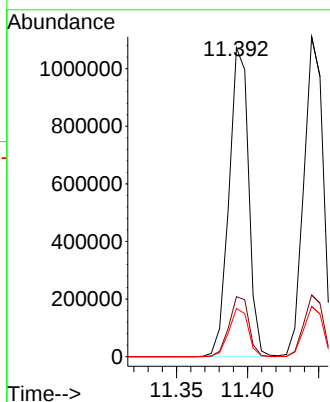
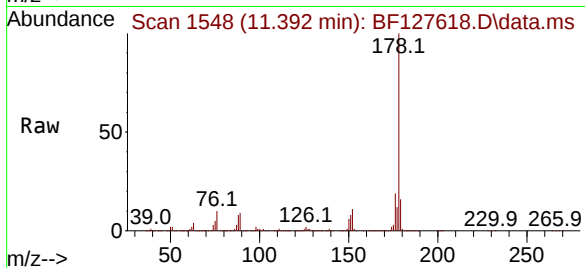
Tgt Ion:178 Resp: 1033606

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.6 12.4 18.6



#72

Anthracene

Concen: 48.902 ng

RT: 11.445 min Scan# 1557

Delta R.T. 0.000 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

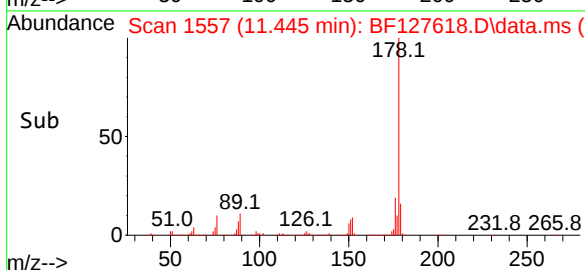
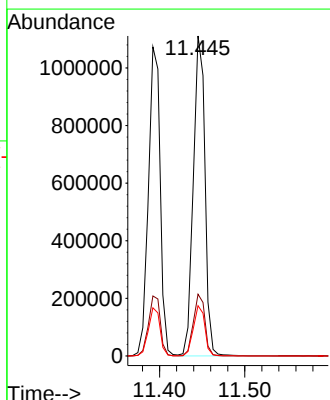
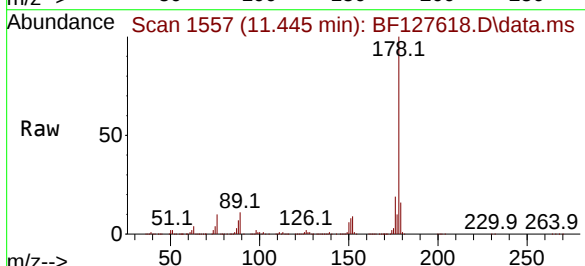
Tgt Ion:178 Resp: 1055431

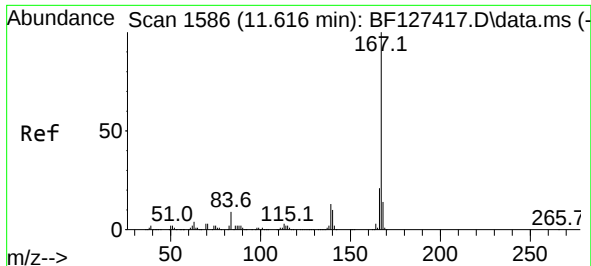
Ion Ratio Lower Upper

178 100

176 19.3 14.6 22.0

179 15.7 12.4 18.6

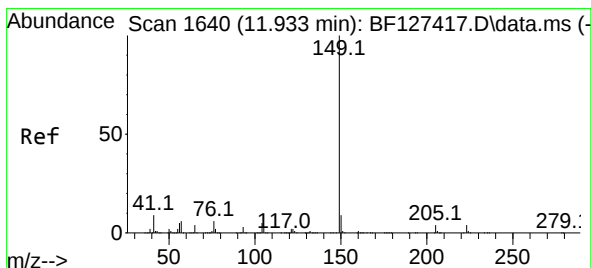
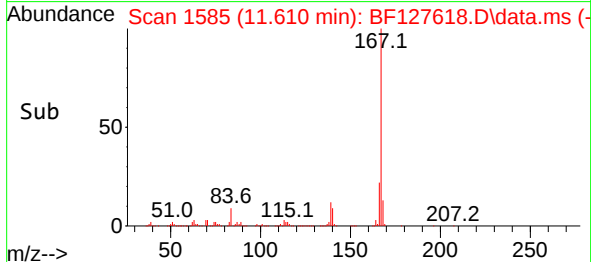
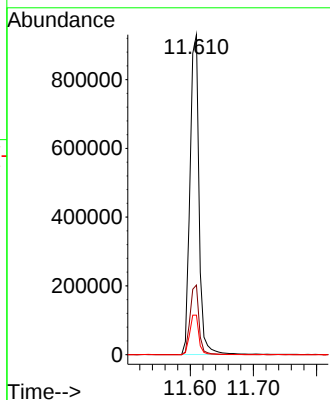
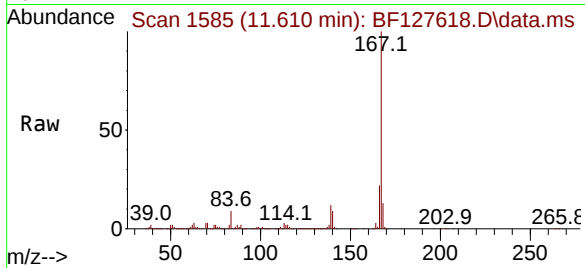




#73
 Carbazole
 Concen: 44.703 ng
 RT: 11.610 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF127618.D
 Acq: 01 Apr 2022 18:05

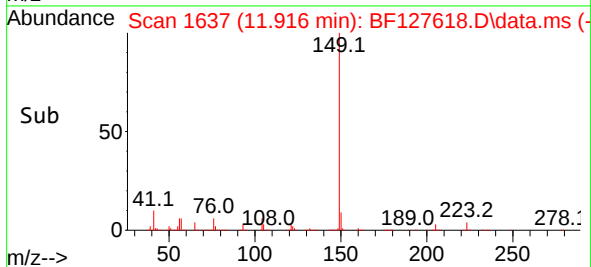
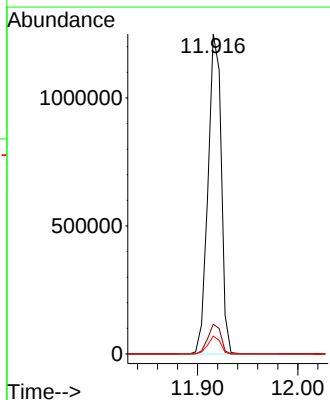
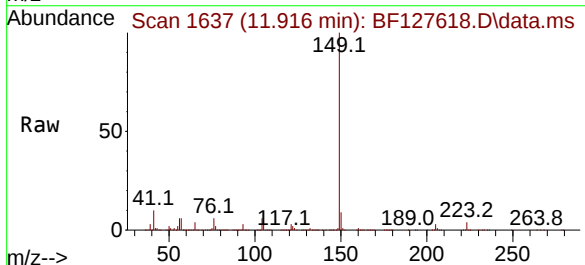
Instrument :
 BNA_F
 ClientSampleId :
 MHEMSD

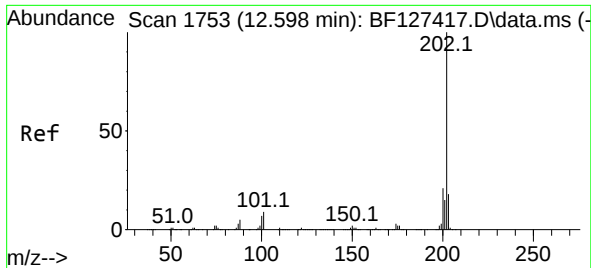
Tgt Ion:167 Resp: 922677
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.4
 139 12.3 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 53.777 ng
 RT: 11.916 min Scan# 1637
 Delta R.T. 0.000 min
 Lab File: BF127618.D
 Acq: 01 Apr 2022 18:05

Tgt Ion:149 Resp: 1148938
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.6 4.2 6.2

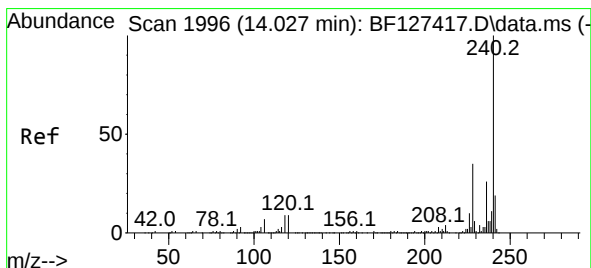
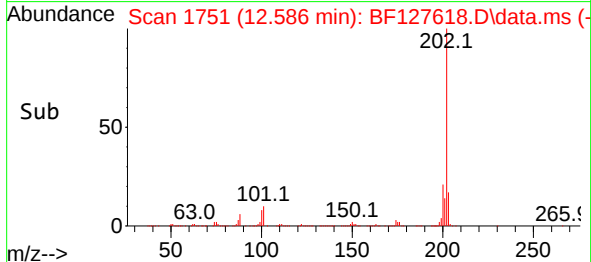
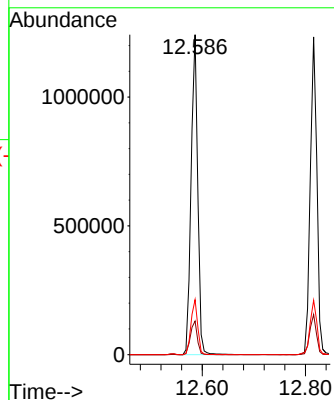
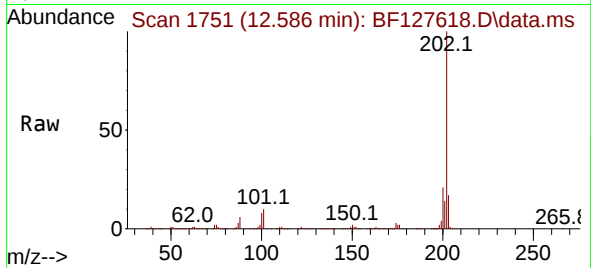




#75
Fluoranthene
Concen: 46.116 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

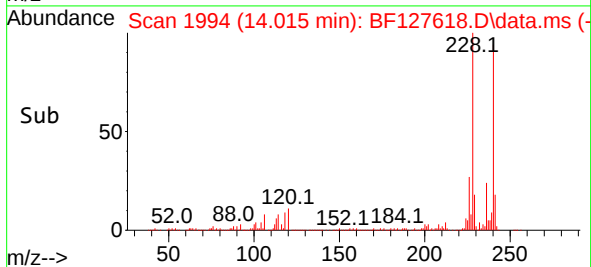
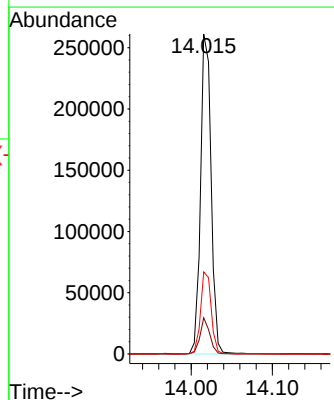
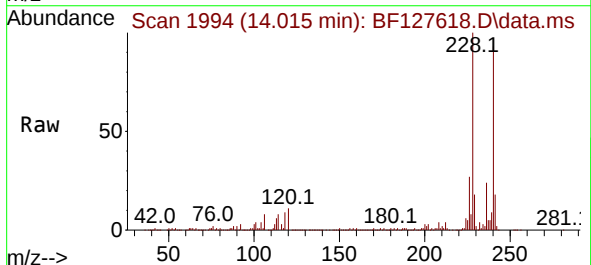
Instrument :
BNA_F
ClientSampleId :
MHEMSD

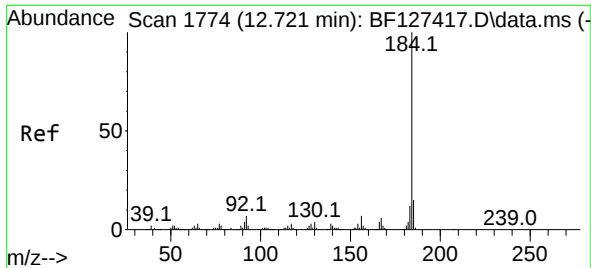
Tgt Ion:202 Resp: 1103153
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.0
203 17.2 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion:240 Resp: 237056
Ion Ratio Lower Upper
240 100
120 11.3 7.1 10.7#
236 25.6 20.7 31.1

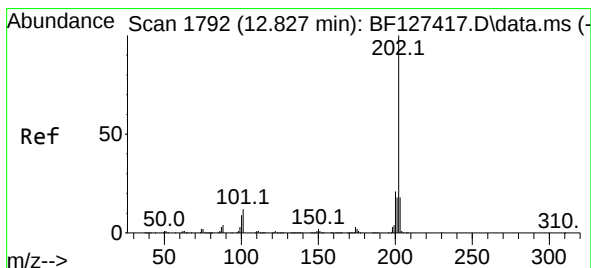
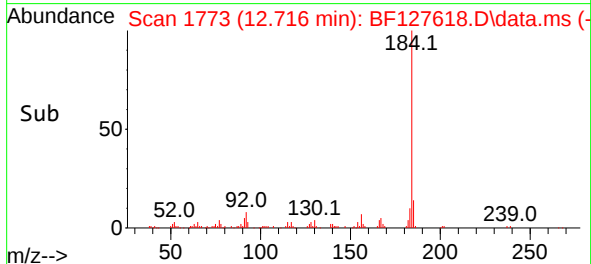
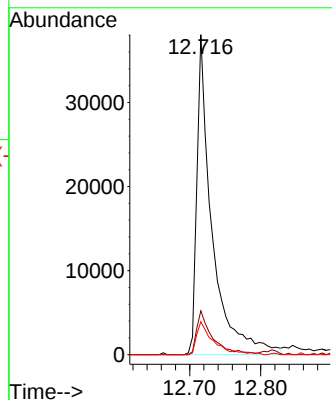
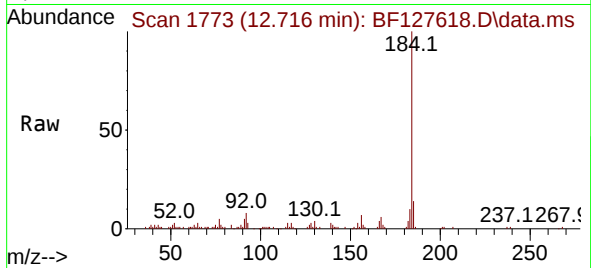




#77
Benzidine
Concen: 10.010 ng
RT: 12.716 min Scan# 1773
Delta R.T. 0.006 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

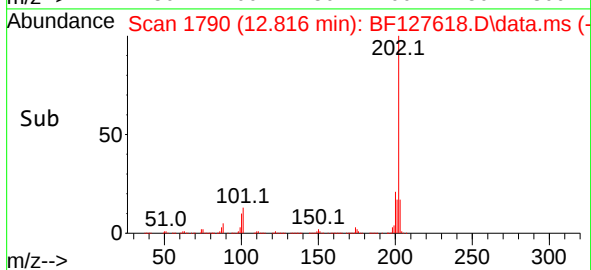
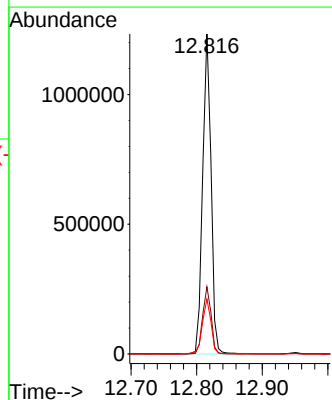
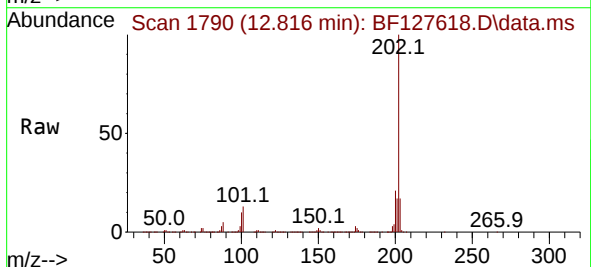
Instrument :
BNA_F
ClientSampleId :
MHEMSD

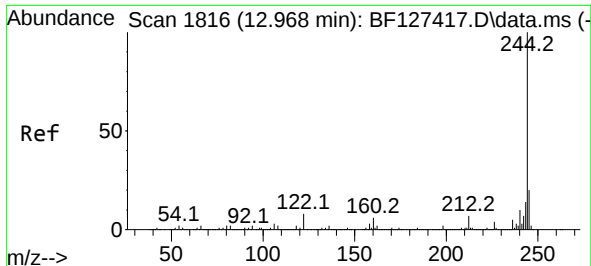
Tgt Ion:184 Resp: 56581
Ion Ratio Lower Upper
184 100
185 13.7 12.2 18.2
183 10.3 9.4 14.0



#78
Pyrene
Concen: 54.191 ng
RT: 12.816 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion:202 Resp: 1102501
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.1 14.3 21.5

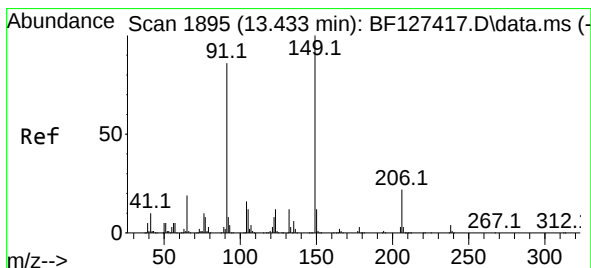
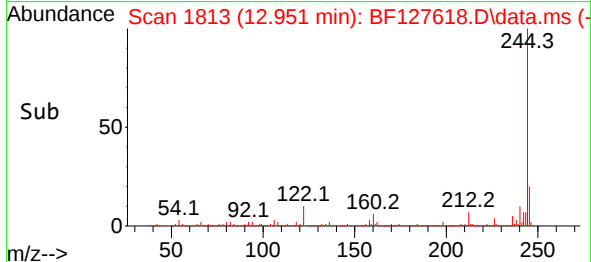
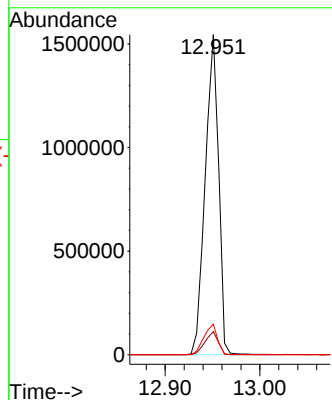
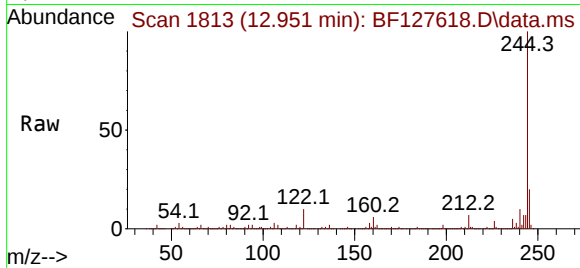




#79
 Terphenyl-d14
 Concen: 104.252 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: BF127618.D
 Acq: 01 Apr 2022 18:05

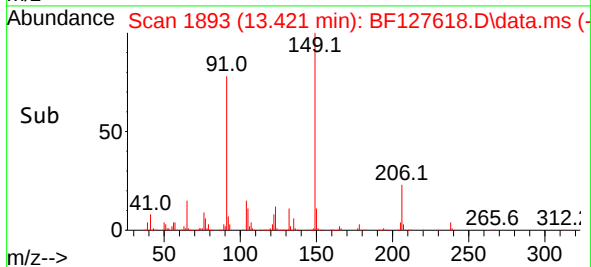
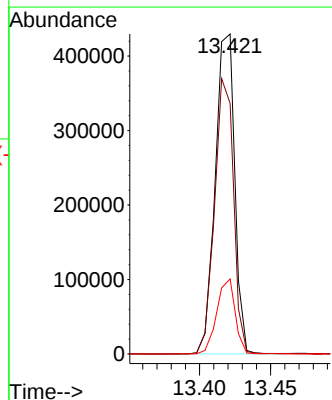
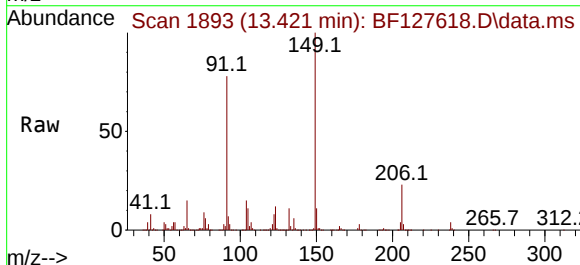
Instrument :
 BNA_F
 ClientSampleId :
 MHEMSD

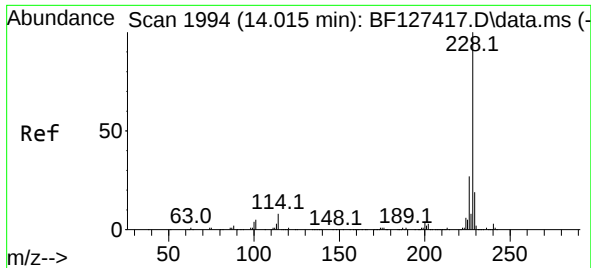
Tgt Ion:244 Resp: 1509672
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 9.5 6.2 9.2#



#80
 Butylbenzylphthalate
 Concen: 61.333 ng
 RT: 13.421 min Scan# 1893
 Delta R.T. 0.006 min
 Lab File: BF127618.D
 Acq: 01 Apr 2022 18:05

Tgt Ion:149 Resp: 410680
 Ion Ratio Lower Upper
 149 100
 91 78.3 69.1 103.7
 206 23.5 17.7 26.5

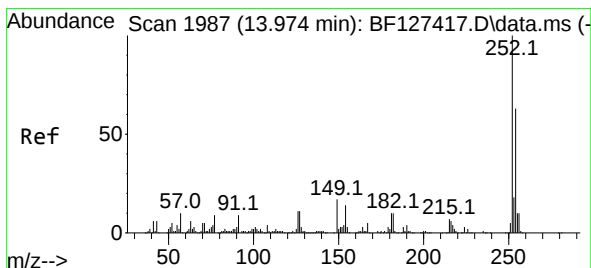
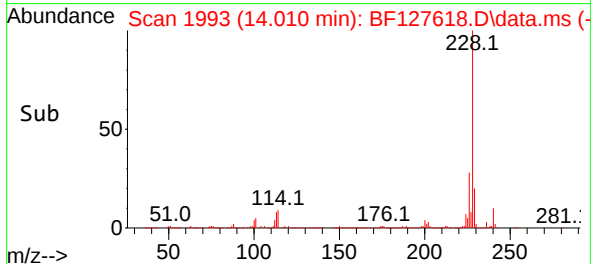
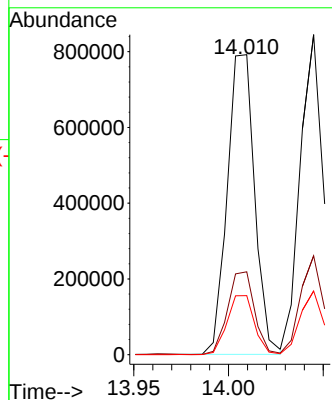
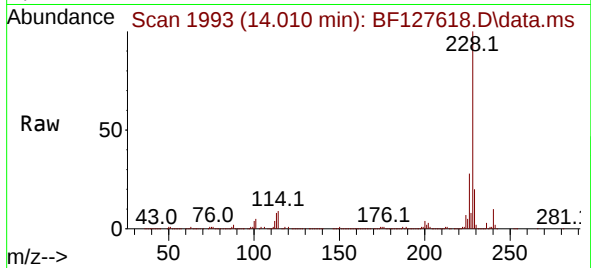




#81
Benzo(a)anthracene
Concen: 50.283 ng
RT: 14.010 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

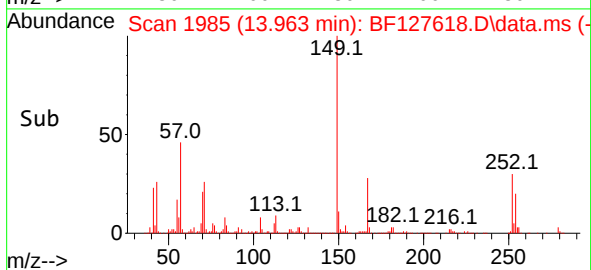
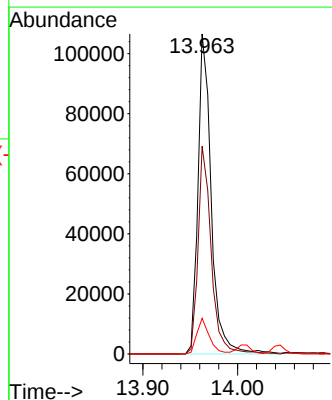
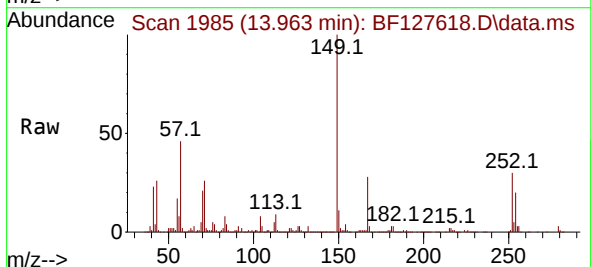
Instrument :
BNA_F
ClientSampleId :
MHEMSD

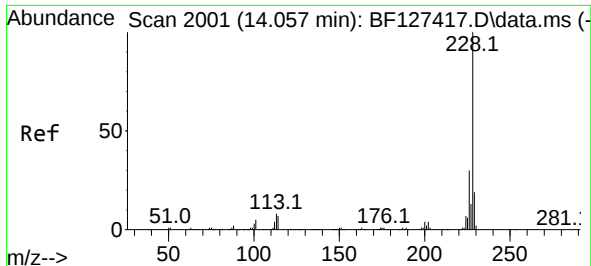
Tgt Ion:228 Resp: 797135
Ion Ratio Lower Upper
228 100
226 27.6 21.6 32.4
229 19.7 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 22.352 ng
RT: 13.963 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion:252 Resp: 104145
Ion Ratio Lower Upper
252 100
254 64.9 50.2 75.4
126 11.1 8.7 13.1

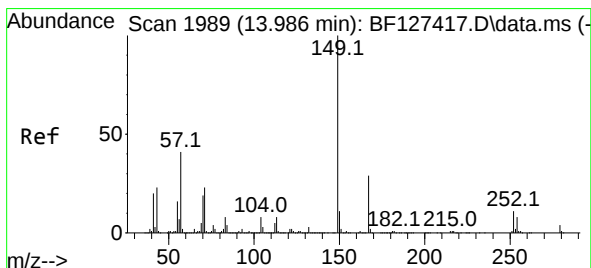
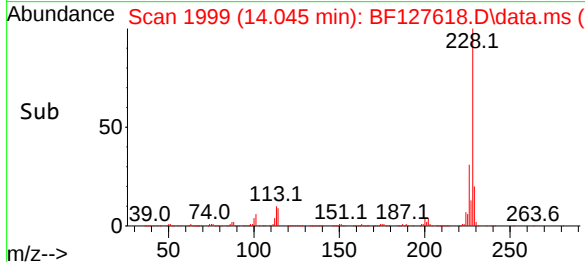
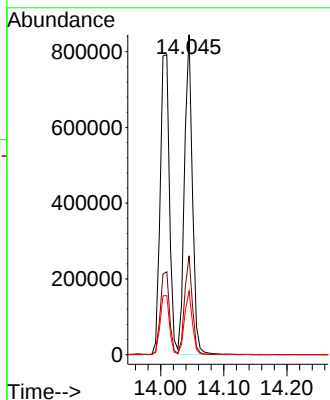
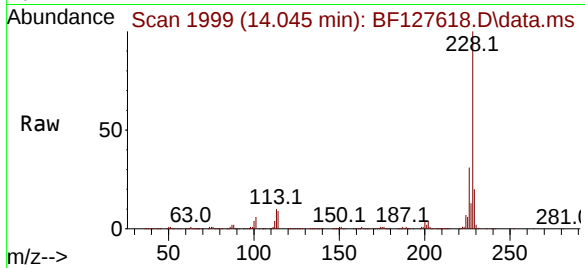




#83
Chrysene
Concen: 49.073 ng
RT: 14.045 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

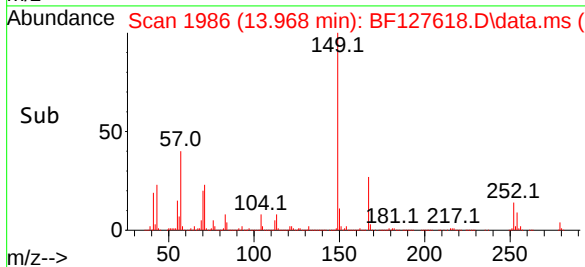
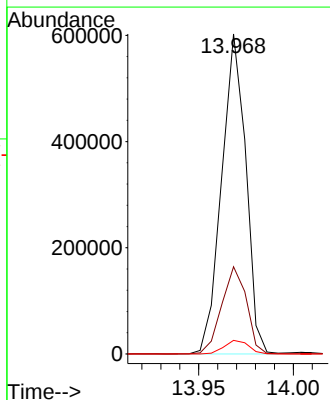
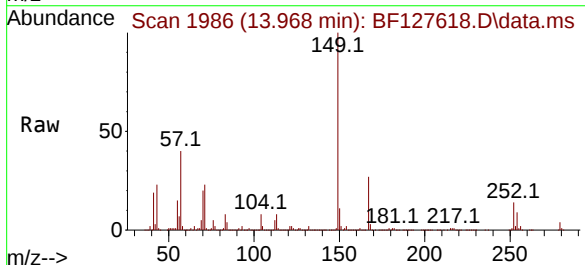
Instrument :
BNA_F
ClientSampleId :
MHEMSD

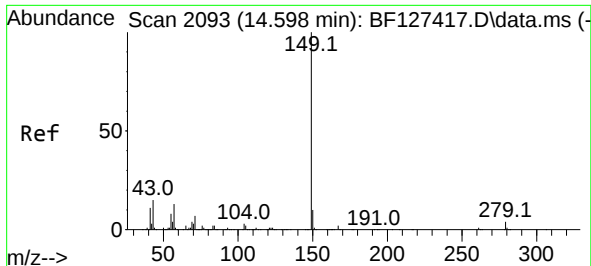
Tgt Ion:228 Resp: 736675
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.4
229 19.9 15.4 23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 69.123 ng
RT: 13.968 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion:149 Resp: 535028
Ion Ratio Lower Upper
149 100
167 27.2 22.9 34.3
279 4.2 3.2 4.8

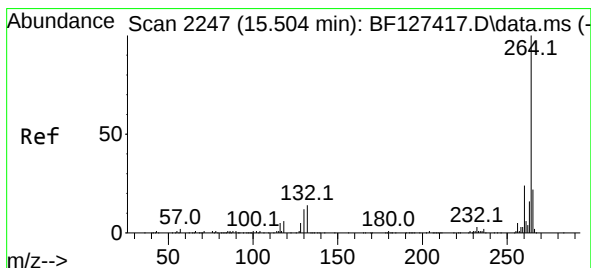
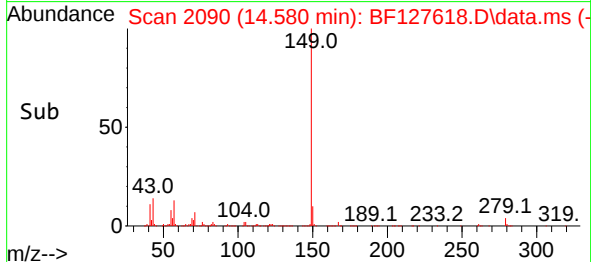
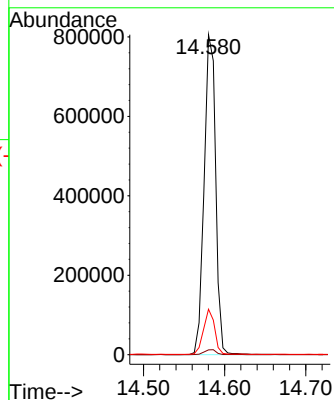
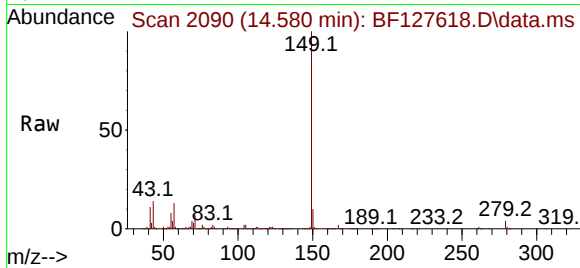




#85
Di-n-octyl phthalate
Concen: 76.918 ng
RT: 14.580 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

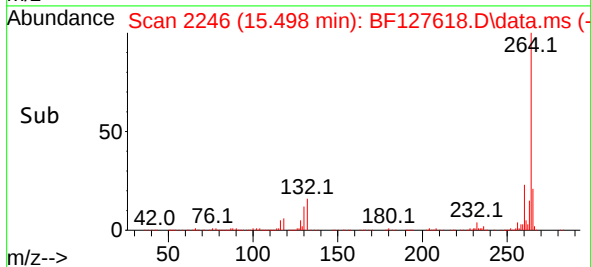
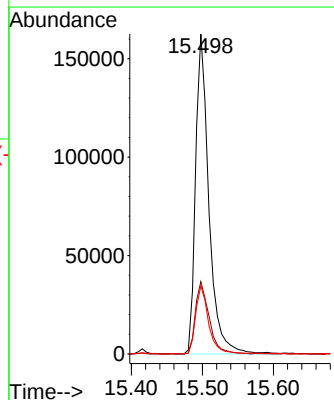
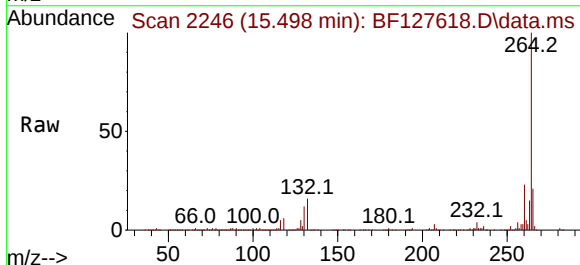
Instrument :
BNA_F
ClientSampleId :
MHEMSD

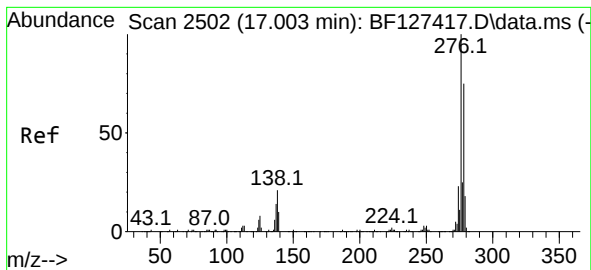
Tgt Ion:149 Resp: 792262
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 13.7 11.0 16.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2246
Delta R.T. 0.006 min
Lab File: BF127618.D
Acq: 01 Apr 2022 18:05

Tgt Ion:264 Resp: 212560
Ion Ratio Lower Upper
264 100
260 22.6 19.1 28.7
265 21.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.949 ng

RT: 17.009 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

Instrument :

BNA_F

ClientSampleId :

MHEMSD

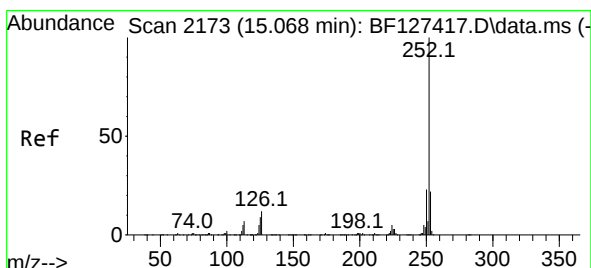
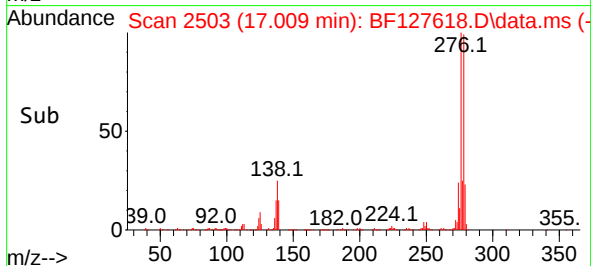
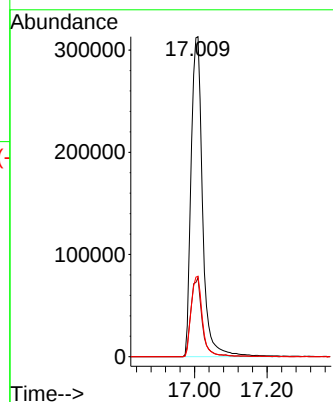
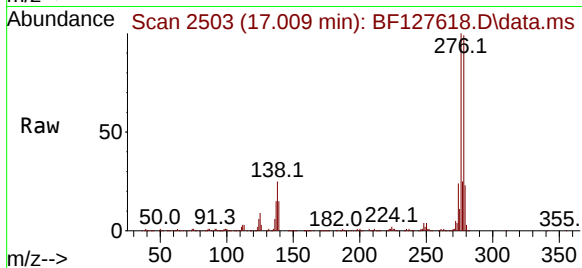
Tgt Ion:276 Resp: 689655

Ion Ratio Lower Upper

276 100

138 24.0 17.1 25.7

277 24.9 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 51.476 ng

RT: 15.062 min Scan# 2172

Delta R.T. 0.006 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

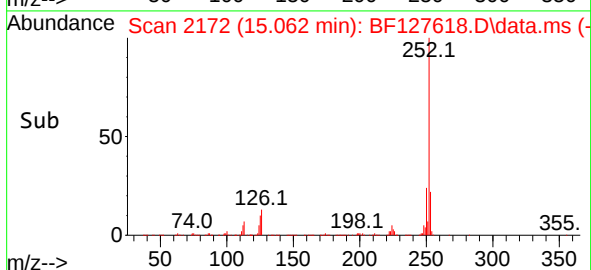
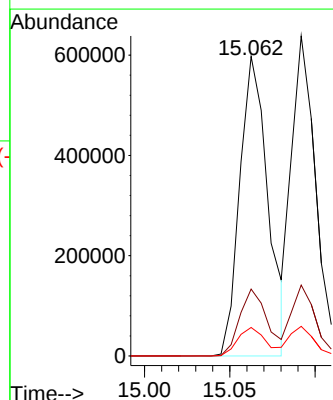
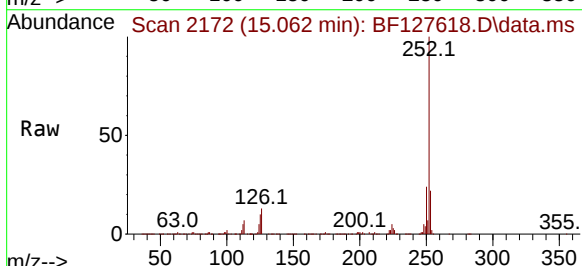
Tgt Ion:252 Resp: 689905

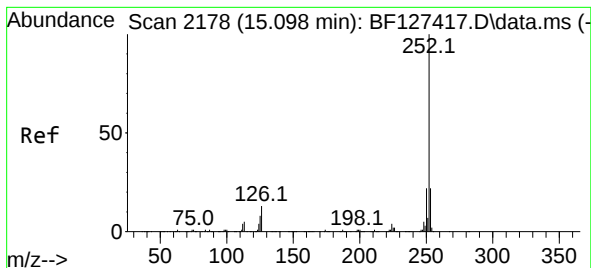
Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 9.5 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 46.476 ng

RT: 15.092 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

Instrument :

BNA_F

ClientSampleId :

MHEMSD

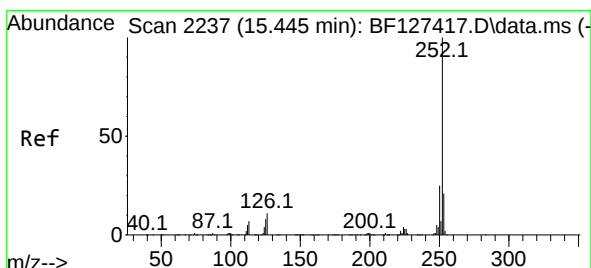
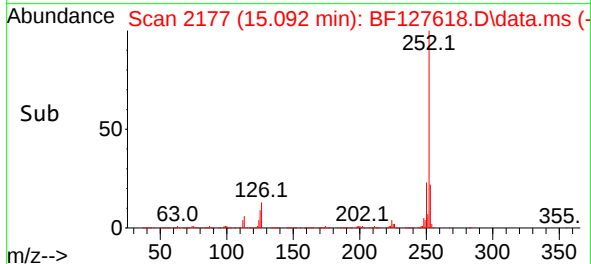
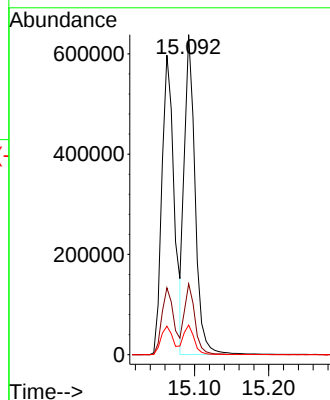
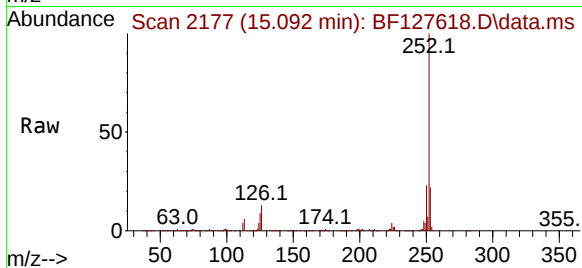
Tgt Ion:252 Resp: 645737

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 9.2 6.9 10.3



#90

Benzo(a)pyrene

Concen: 59.422 ng

RT: 15.439 min Scan# 2236

Delta R.T. 0.012 min

Lab File: BF127618.D

Acq: 01 Apr 2022 18:05

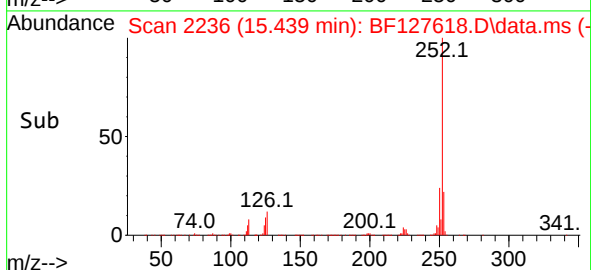
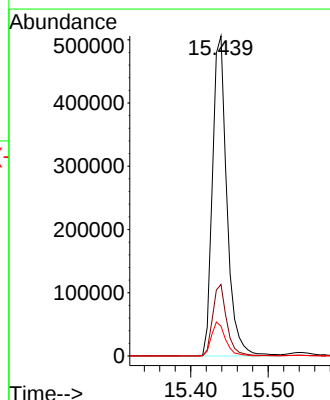
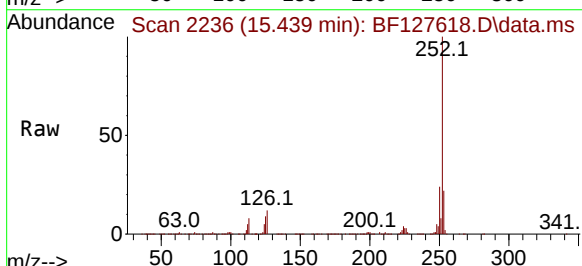
Tgt Ion:252 Resp: 653587

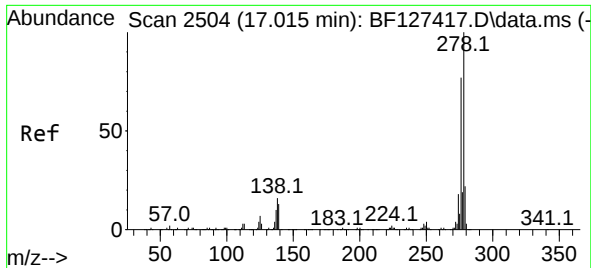
Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

125 9.3 6.7 10.1

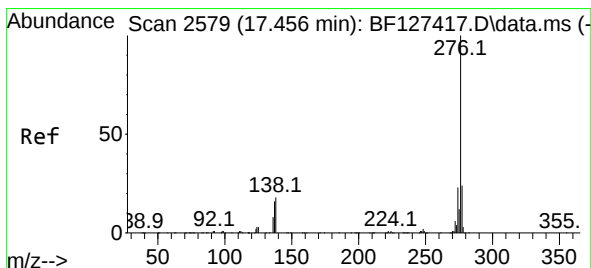
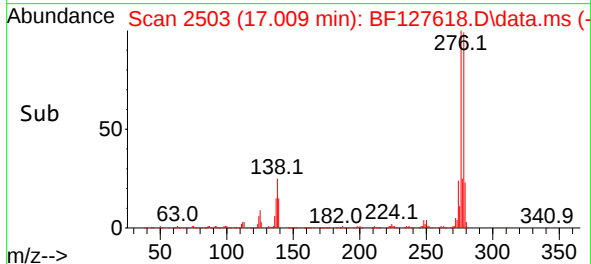
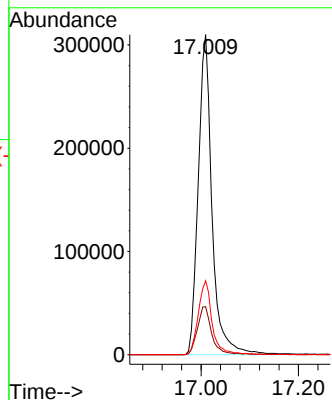
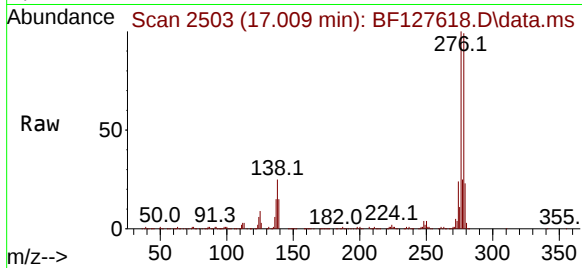




#91
 Dibenzo(a,h)anthracene
 Concen: 51.332 ng
 RT: 17.009 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF127618.D
 Acq: 01 Apr 2022 18:05

Instrument :
 BNA_F
 ClientSampleId :
 MHEMSD

Tgt Ion:278 Resp: 609553
 Ion Ratio Lower Upper
 278 100
 139 15.0 10.8 16.2
 279 23.1 17.7 26.5



#92
 Benzo(g,h,i)perylene
 Concen: 49.119 ng
 RT: 17.456 min Scan# 2579
 Delta R.T. 0.012 min
 Lab File: BF127618.D
 Acq: 01 Apr 2022 18:05

Tgt Ion:276 Resp: 602888
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.0 28.4
 138 21.9 14.6 22.0

