

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
 Data File : BF127689.D
 Acq On : 07 Apr 2022 18:02
 Operator : CG\JU
 Sample : N2258-11MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-E5MSD

Quant Time: Apr 08 04:45:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	117950	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	425874	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	245870	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	447292	20.000	ng	0.00
76) Chrysene-d12	14.151	240	298712	20.000	ng	0.00
86) Perylene-d12	15.674	264	283160	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	472128	65.041	ng	0.00
7) Phenol-d6	6.575	99	398738	41.989	ng	0.00
23) Nitrobenzene-d5	7.528	82	788976	82.591	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	348373	133.149	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1351939	77.787	ng	0.00
79) Terphenyl-d14	13.092	244	1384552	76.507	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.857	88	71758	20.842	ng	84
3) Pyridine	3.616	79	139229	15.353	ng	# 83
4) n-Nitrosodimethylamine	3.575	42	102403	20.998	ng	92
6) Aniline	6.628	93	302507	26.709	ng	94
8) 2-Chlorophenol	6.745	128	294979	40.060	ng	93
9) Benzaldehyde	6.516	77	203678	43.263	ng	99
10) Phenol	6.587	94	157379	16.574	ng	98
11) bis(2-Chloroethyl)ether	6.698	93	347615	44.329	ng	89
12) 1,3-Dichlorobenzene	6.904	146	344780	40.978	ng	98
13) 1,4-Dichlorobenzene	6.981	146	350599	41.222	ng	98
14) 1,2-Dichlorobenzene	7.134	146	341692	42.030	ng	99
15) Benzyl Alcohol	7.098	79	242771	29.243	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.234	45	503290	40.660	ng	97
17) 2-Methylphenol	7.204	107	208917	32.617	ng	99
18) Hexachloroethane	7.481	117	129555	39.919	ng	96
19) n-Nitroso-di-n-propyla...	7.375	70	266013	43.311	ng	97
20) 3+4-Methylphenols	7.357	107	237470	29.094	ng	# 66
22) Acetophenone	7.375	105	477662	41.739	ng	# 84
24) Nitrobenzene	7.545	77	406687	43.918	ng	97
25) Isophorone	7.787	82	752931	45.170	ng	98
26) 2-Nitrophenol	7.863	139	162049	48.695	ng	93
27) 2,4-Dimethylphenol	7.892	122	278869	42.801	ng	95
28) bis(2-Chloroethoxy)met...	7.992	93	431193	41.952	ng	100
29) 2,4-Dichlorophenol	8.098	162	287256	40.926	ng	95
30) 1,2,4-Trichlorobenzene	8.186	180	324951	40.227	ng	98
31) Naphthalene	8.275	128	933450	41.829	ng	99
32) Benzoic acid	7.963	122	63902	13.518	ng	93
33) 4-Chloroaniline	8.316	127	203121	23.112	ng	95
34) Hexachlorobutadiene	8.386	225	220984	39.769	ng	97
35) Caprolactam	8.692	113	11877	5.725	ng	# 73
36) 4-Chloro-3-methylphenol	8.786	107	288992	39.273	ng	99
37) 2-Methylnaphthalene	8.963	142	644452	43.178	ng	99
38) 1-Methylnaphthalene	9.063	142	608849	42.263	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	338590	41.986	ng	# 98
41) Hexachlorocyclopentadiene	9.116	237	407016	83.787	ng	95
43) 2,4,6-Trichlorophenol	9.233	196	228401	41.717	ng	96

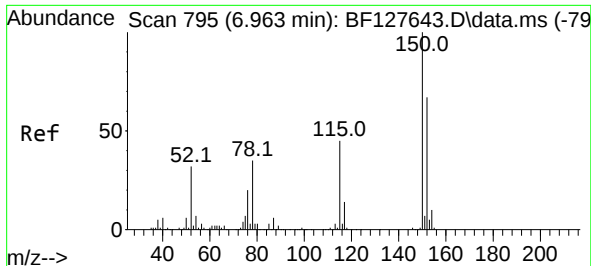
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	233984	42.353	ng	99
46) 1,1'-Biphenyl	9.428	154	797056	42.388	ng	99
47) 2-Chloronaphthalene	9.457	162	630835	42.216	ng	99
48) 2-Nitroaniline	9.551	65	220116	47.429	ng	91
49) Acenaphthylene	9.875	152	1031603	45.387	ng	98
50) Dimethylphthalate	9.728	163	769241	43.163	ng	98
51) 2,6-Dinitrotoluene	9.792	165	165432	49.245	ng	94
52) Acenaphthene	10.045	154	675432	47.168	ng	98
53) 3-Nitroaniline	9.963	138	105833	29.821	ng	91
54) 2,4-Dinitrophenol	10.069	184	149754	89.282	ng	92
55) Dibenzofuran	10.222	168	890459	42.613	ng	98
56) 4-Nitrophenol	10.104	139	113549	40.734	ng	90
57) 2,4-Dinitrotoluene	10.198	165	221587	53.203	ng	# 78
58) Fluorene	10.563	166	673437	43.617	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.328	232	210072	43.638	ng	99
60) Diethylphthalate	10.428	149	738234	43.287	ng	98
61) 4-Chlorophenyl-phenyle...	10.551	204	362013	42.673	ng	97
62) 4-Nitroaniline	10.580	138	152846	45.729	ng	92
63) Azobenzene	10.716	77	767209	40.259	ng	97
65) 4,6-Dinitro-2-methylph...	10.604	198	98076	45.397	ng	86
66) n-Nitrosodiphenylamine	10.675	169	603245	42.822	ng	99
67) 4-Bromophenyl-phenylether	11.045	248	237417	43.735	ng	93
68) Hexachlorobenzene	11.110	284	270676	45.613	ng	97
69) Atrazine	11.198	200	228265	48.770	ng	98
70) Pentachlorophenol	11.304	266	296750	83.728	ng	96
71) Phenanthrene	11.533	178	1014238	42.797	ng	99
72) Anthracene	11.580	178	1037915	44.275	ng	98
73) Carbazole	11.733	167	918141	41.798	ng	98
74) Di-n-butylphthalate	12.063	149	1095637	41.724	ng	98
75) Fluoranthene	12.721	202	1090149	42.154	ng	99
77) Benzidine	12.839	184	89859	11.525	ng	97
78) Pyrene	12.951	202	1098720	43.558	ng	99
80) Butylbenzylphthalate	13.568	149	398502	42.431	ng	91
81) Benzo(a)anthracene	14.145	228	891713	44.696	ng	99
82) 3,3'-Dichlorobenzidine	14.104	252	239057	38.435	ng	97
83) Chrysene	14.180	228	820430	42.840	ng	99
84) Bis(2-ethylhexyl)phtha...	14.127	149	544986	41.168	ng	98
85) Di-n-octyl phthalate	14.751	149	844506	43.629	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.245	276	876628	49.550	ng	99
88) Benzo(b)fluoranthene	15.227	252	826967	45.399	ng	99
89) Benzo(k)fluoranthene	15.257	252	783451	43.365	ng	98
90) Benzo(a)pyrene	15.615	252	792800	53.547	ng	99
91) Dibenzo(a,h)anthracene	17.268	278	765191	53.382	ng	98
92) Benzo(g,h,i)perylene	17.727	276	765890	52.118	ng	99

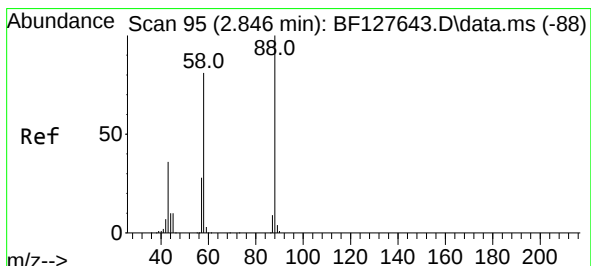
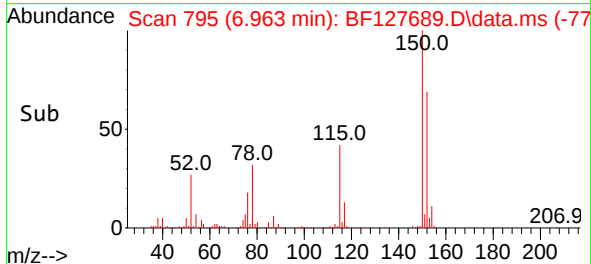
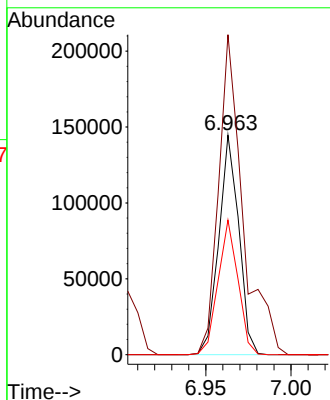
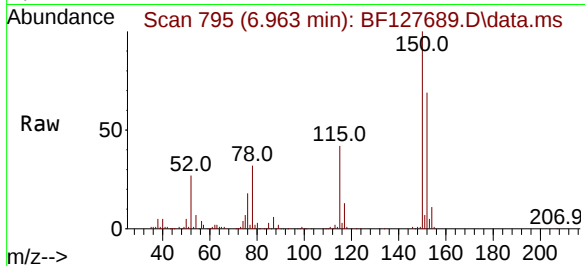
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF127689.D
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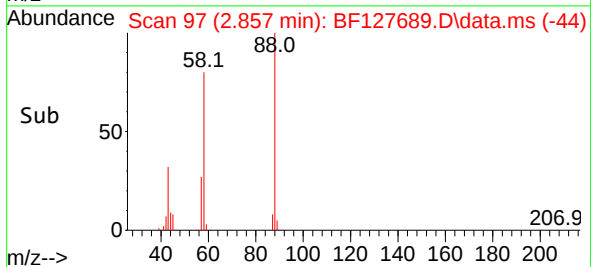
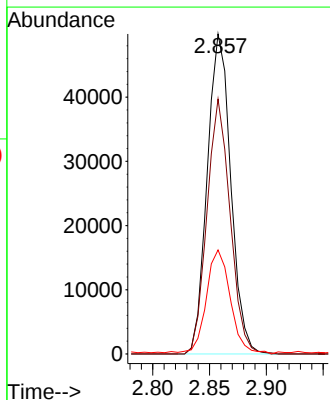
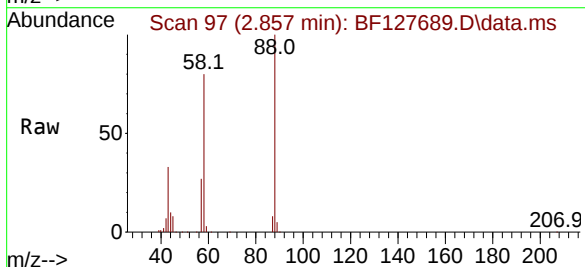
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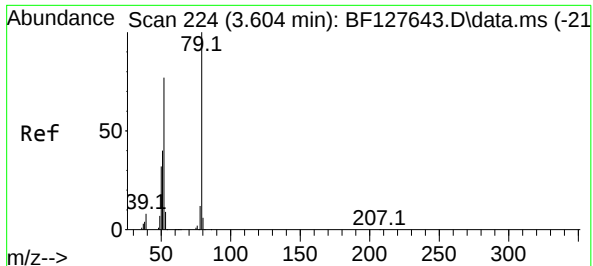
Tgt Ion: 152 Resp: 117950
 Ion Ratio Lower Upper
 152 100
 150 145.8 117.2 175.8
 115 61.3 49.8 74.6



#2
 1,4-Dioxane
 Concen: 20.842 ng
 RT: 2.857 min Scan# 97
 Delta R.T. 0.012 min
 Lab File: BF127689.D
 Acq: 07 Apr 2022 18:02

Tgt Ion: 88 Resp: 71758
 Ion Ratio Lower Upper
 88 100
 58 78.4 77.0 115.4
 43 33.6 31.3 46.9





#3

Pyridine

Concen: 15.353 ng

RT: 3.616 min Scan# 219

Delta R.T. 0.012 min

Lab File: BF127689.D

Acq: 07 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

TW-E5MSD

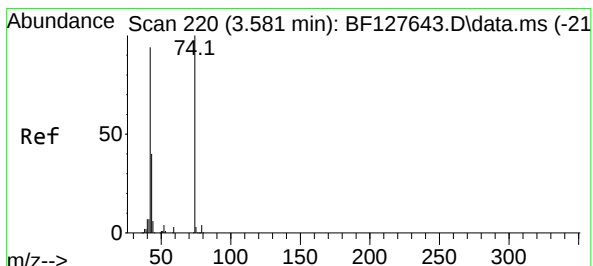
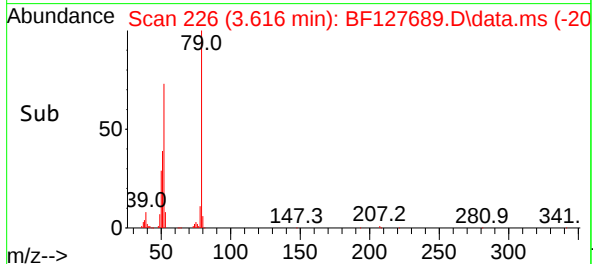
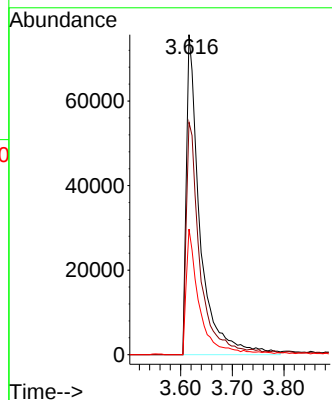
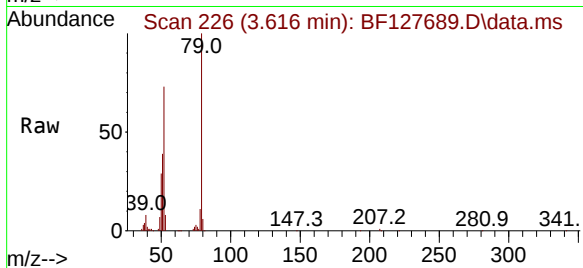
Tgt Ion: 79 Resp: 139229

Ion Ratio Lower Upper

79 100

52 72.6 74.2 111.4#

51 39.2 36.7 55.1



#4

n-Nitrosodimethylamine

Concen: 20.998 ng

RT: 3.575 min Scan# 219

Delta R.T. -0.006 min

Lab File: BF127689.D

Acq: 07 Apr 2022 18:02

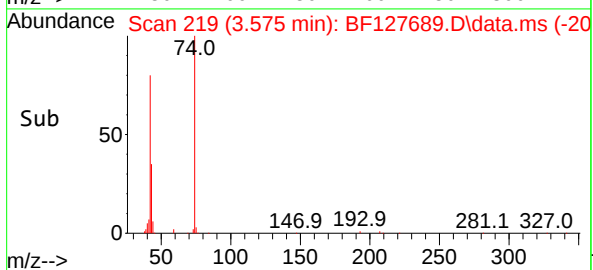
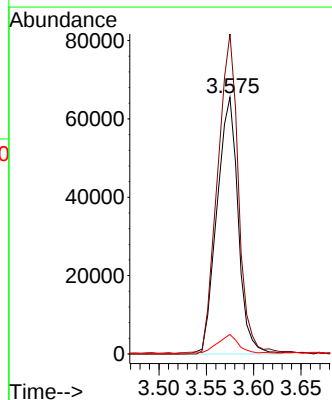
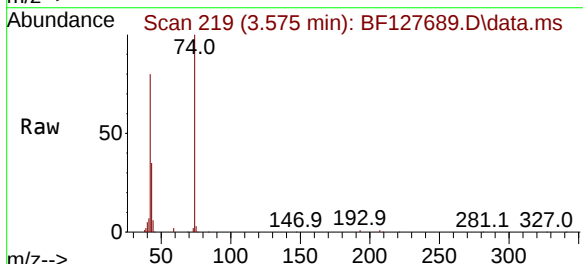
Tgt Ion: 42 Resp: 102403

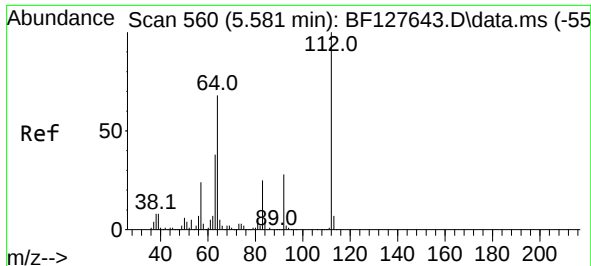
Ion Ratio Lower Upper

42 100

74 124.7 92.4 138.6

44 7.6 6.0 9.0

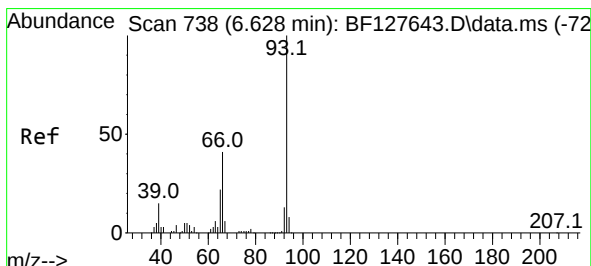
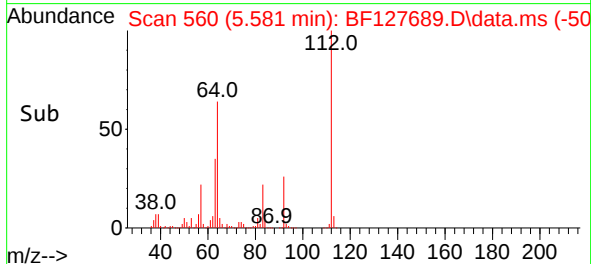
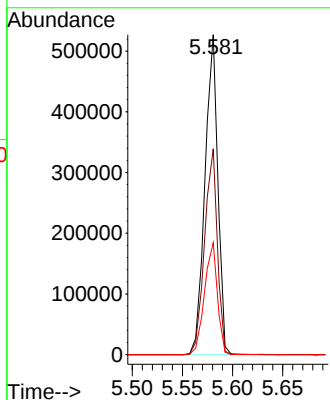
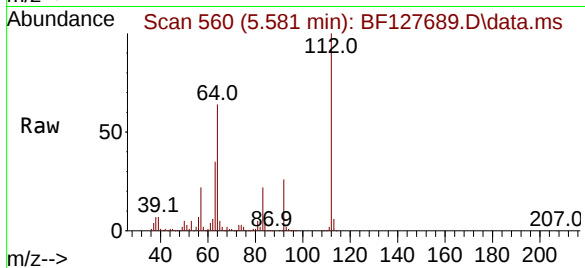




#5
2-Fluorophenol
Concen: 65.041 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

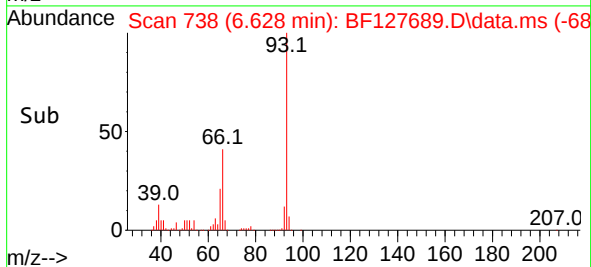
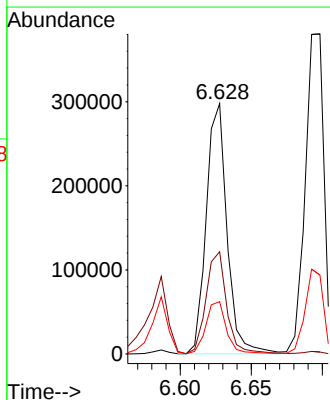
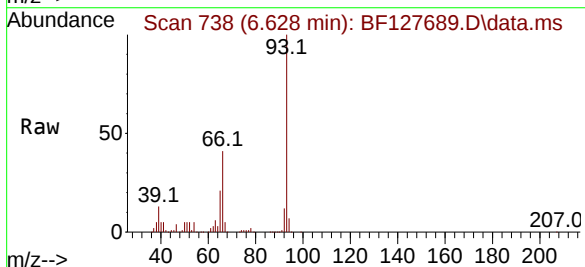
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 472128
Ion Ratio Lower Upper
112 100
64 64.4 58.4 87.6
63 35.0 30.1 45.1



#6
Aniline
Concen: 26.709 ng
RT: 6.628 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion: 93 Resp: 302507
Ion Ratio Lower Upper
93 100
66 40.8 36.2 54.4
65 20.9 18.4 27.6

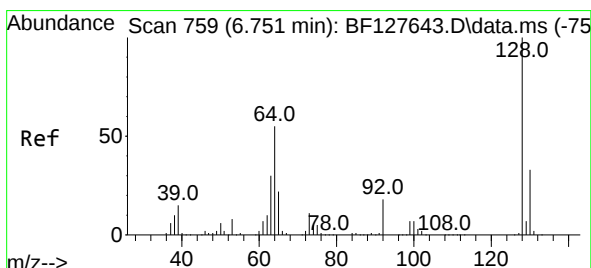
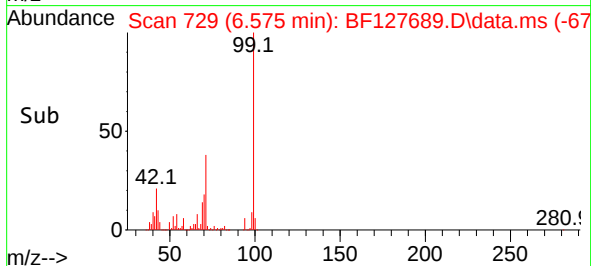
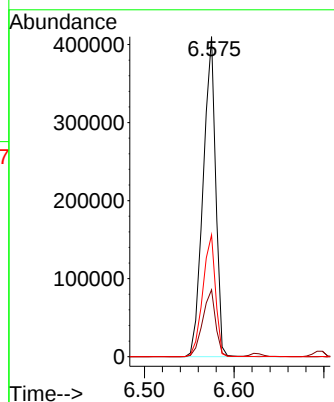
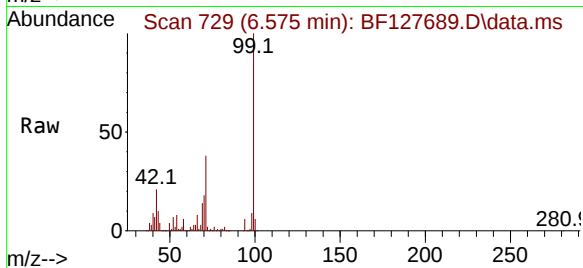




#7
Phenol-d6
Concen: 41.989 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

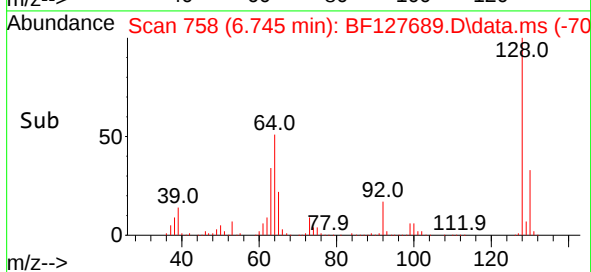
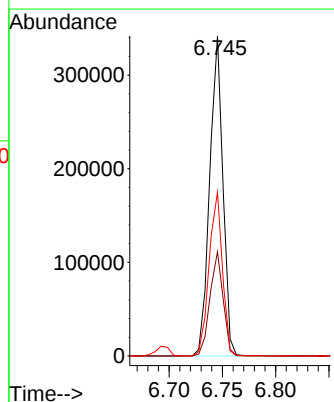
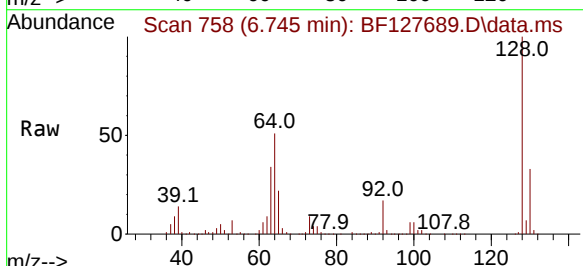
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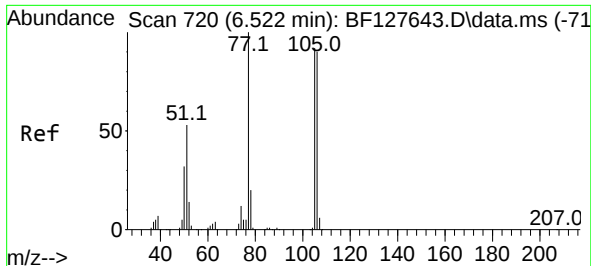
Tgt Ion: 99 Resp: 398738
Ion Ratio Lower Upper
99 100
42 20.9 17.8 26.6
71 38.1 29.6 44.4



#8
2-Chlorophenol
Concen: 40.060 ng
RT: 6.745 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion: 128 Resp: 294979
Ion Ratio Lower Upper
128 100
130 32.6 11.3 51.3
64 51.2 38.4 78.4

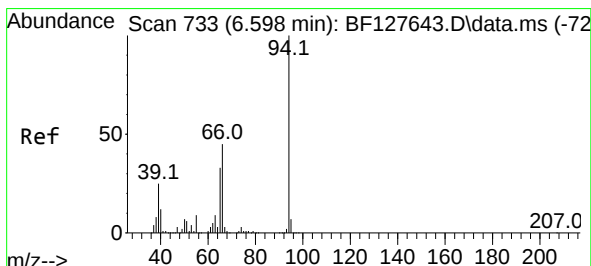
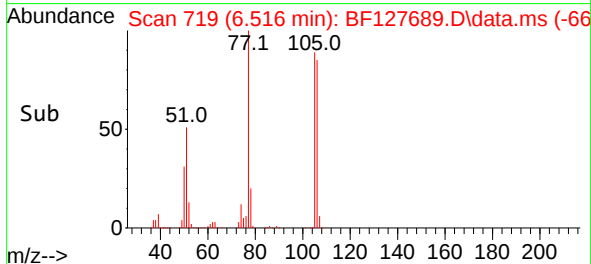
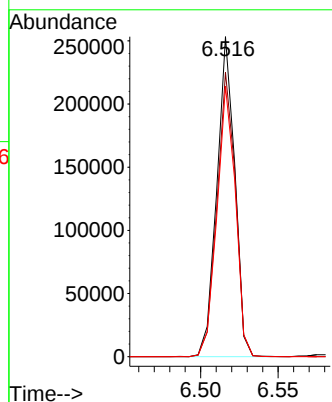
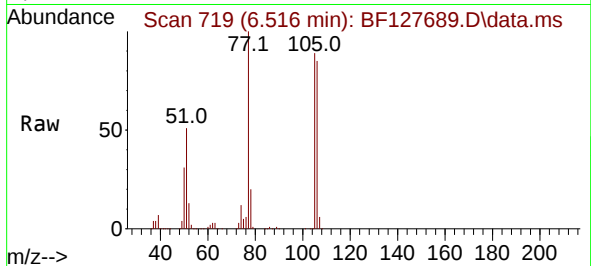




#9
Benzaldehyde
Concen: 43.263 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

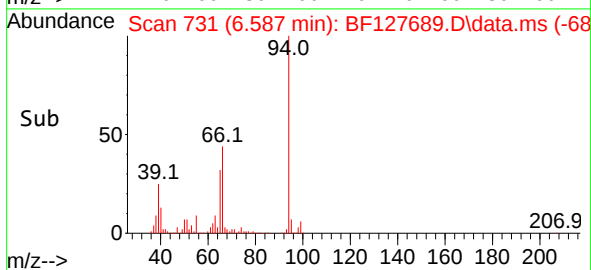
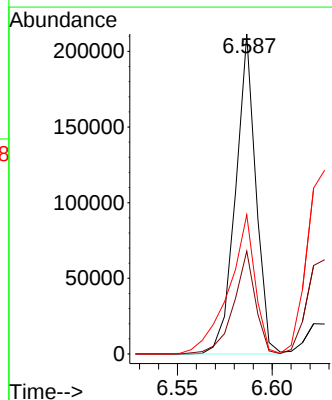
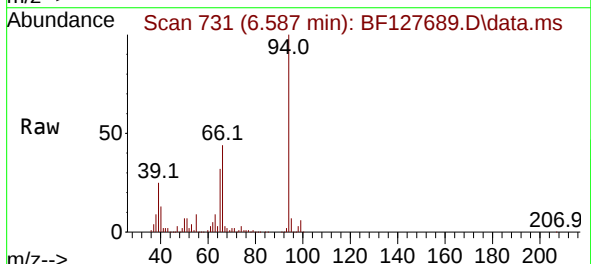
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BNA_F
ClientSampleId :
TW-E5MSD

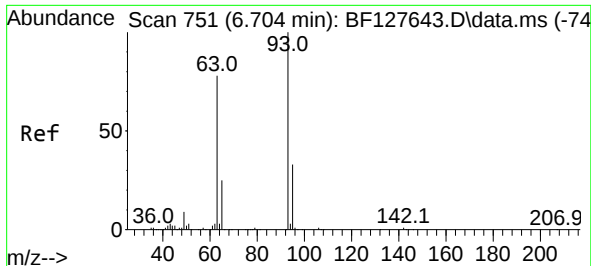
Tgt Ion: 77 Resp: 203678
Ion Ratio Lower Upper
77 100
105 88.8 66.8 106.8
106 84.5 64.3 104.3



#10
Phenol
Concen: 16.574 ng
RT: 6.587 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion: 94 Resp: 157379
Ion Ratio Lower Upper
94 100
65 32.2 13.1 53.1
66 43.5 24.9 64.9

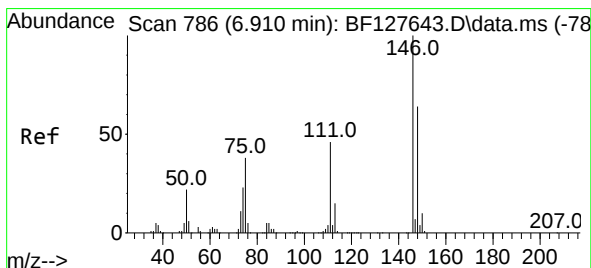
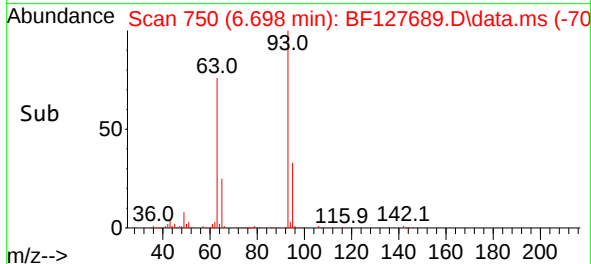
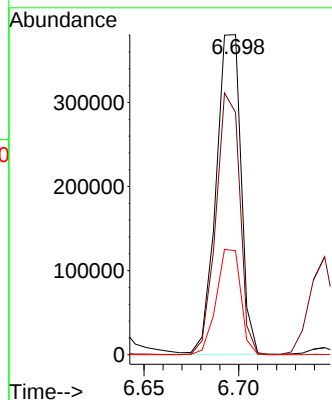
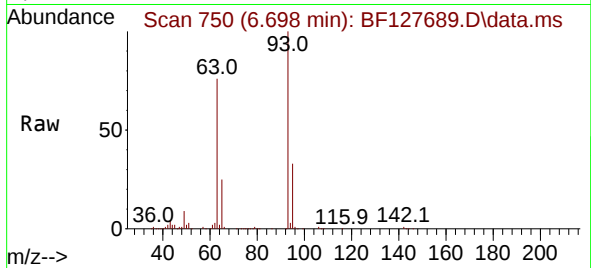




#11
bis(2-Chloroethyl)ether
Concen: 44.329 ng
RT: 6.698 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

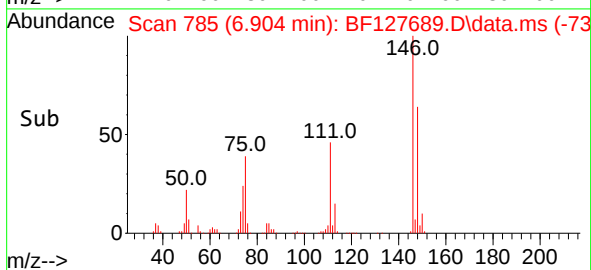
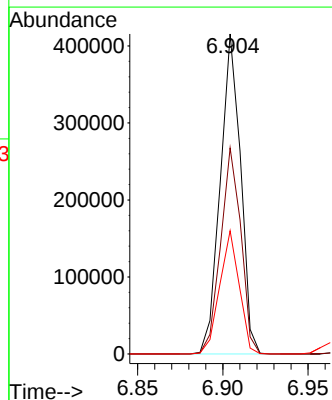
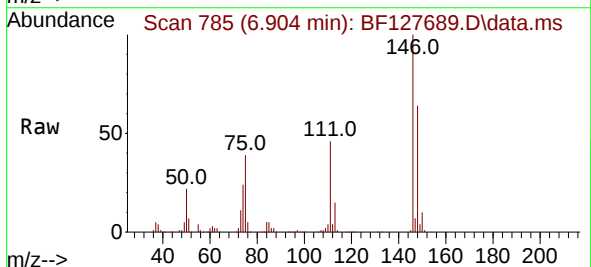
Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

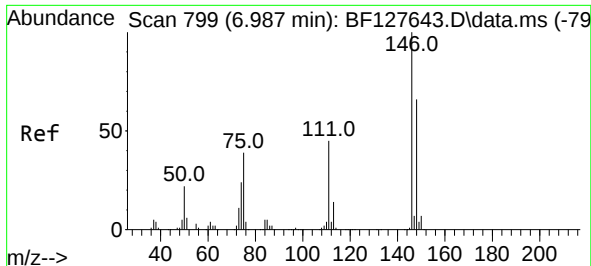
Tgt Ion: 93 Resp: 347615
Ion Ratio Lower Upper
93 100
63 75.7 69.6 109.6
95 32.5 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 40.978 ng
RT: 6.904 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion:146 Resp: 344780
Ion Ratio Lower Upper
146 100
148 64.4 50.6 76.0
75 38.5 32.4 48.6





#13

1,4-Dichlorobenzene

Concen: 41.222 ng

RT: 6.981 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF127689.D

Acq: 07 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

TW-E5MSD

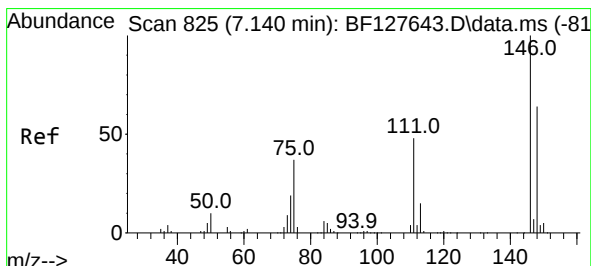
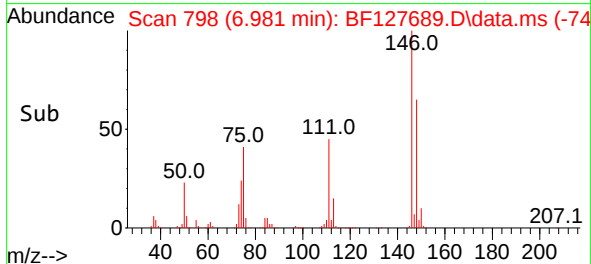
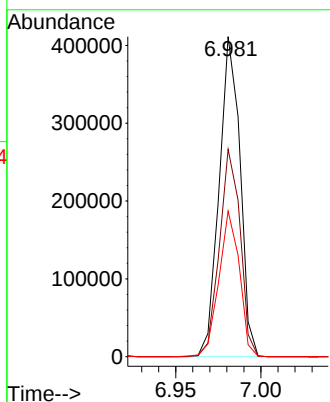
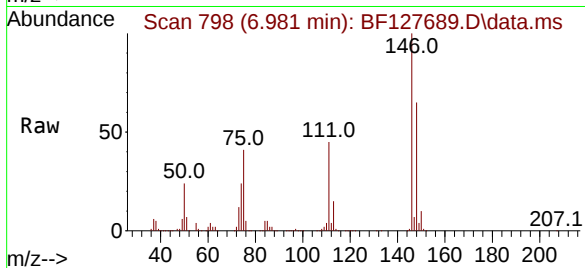
Tgt Ion:146 Resp: 350599

Ion Ratio Lower Upper

146 100

148 64.8 51.3 76.9

111 45.5 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 42.030 ng

RT: 7.134 min Scan# 824

Delta R.T. -0.006 min

Lab File: BF127689.D

Acq: 07 Apr 2022 18:02

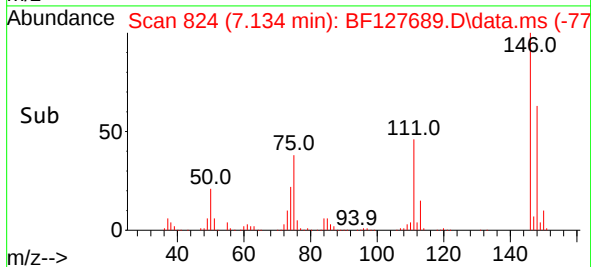
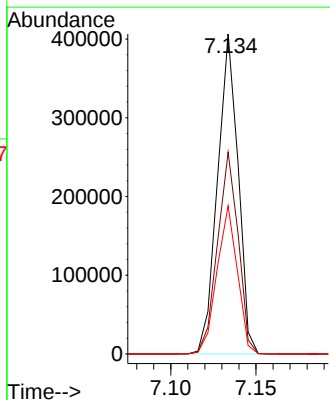
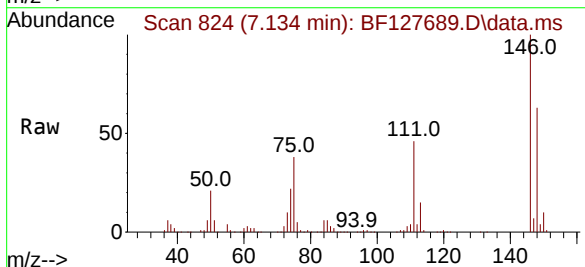
Tgt Ion:146 Resp: 341692

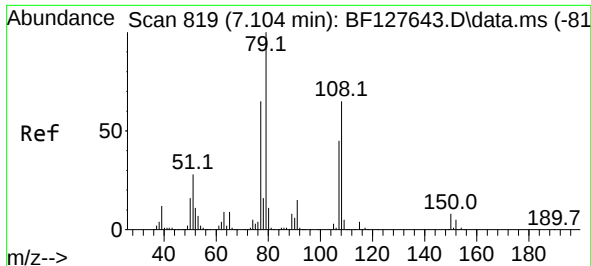
Ion Ratio Lower Upper

146 100

148 63.0 51.4 77.2

111 46.3 36.4 54.6

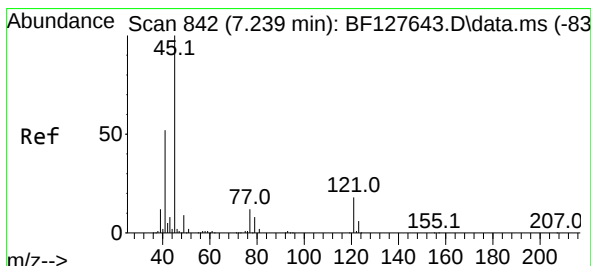
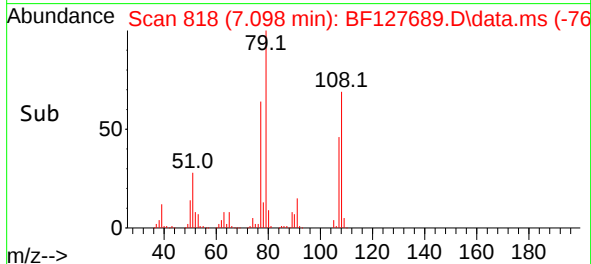
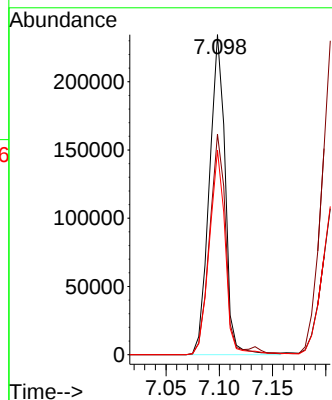
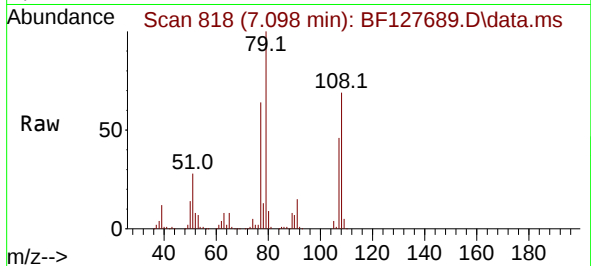




#15
Benzyl Alcohol
Concen: 29.243 ng
RT: 7.098 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

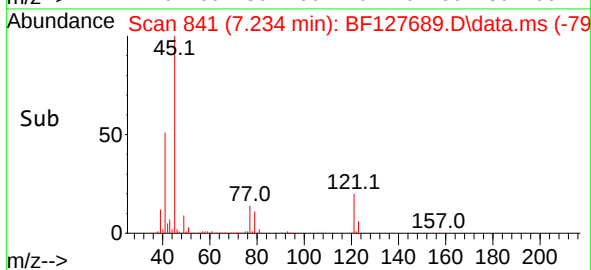
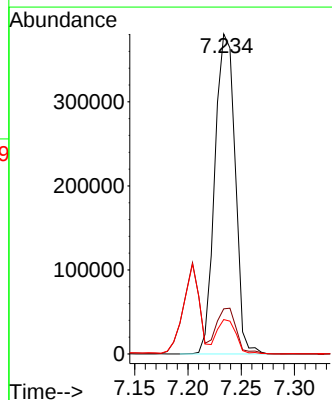
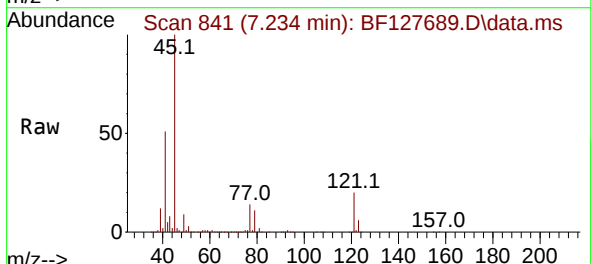
Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

Tgt Ion: 79 Resp: 242771
Ion Ratio Lower Upper
79 100
108 68.9 52.2 78.2
77 64.0 48.3 72.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.660 ng
RT: 7.234 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion: 45 Resp: 503290
Ion Ratio Lower Upper
45 100
77 14.1 0.0 32.9
79 10.8 0.0 29.9

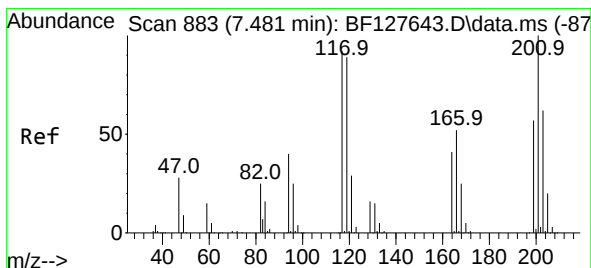
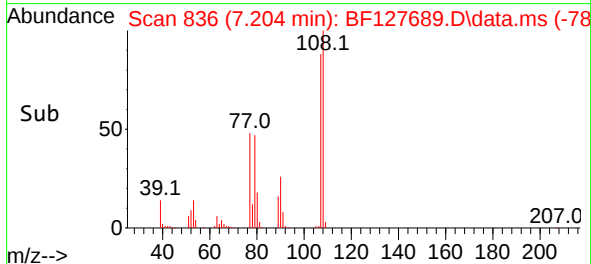
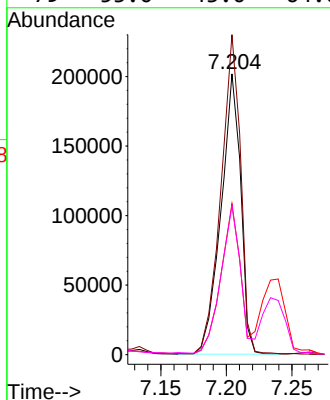
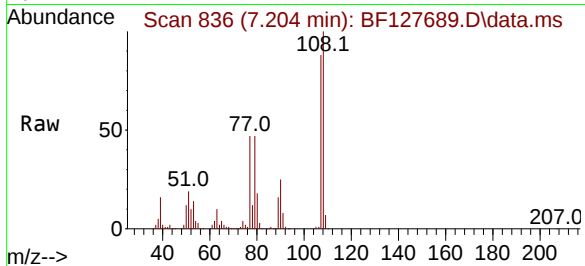




#17
2-Methylphenol
Concen: 32.617 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

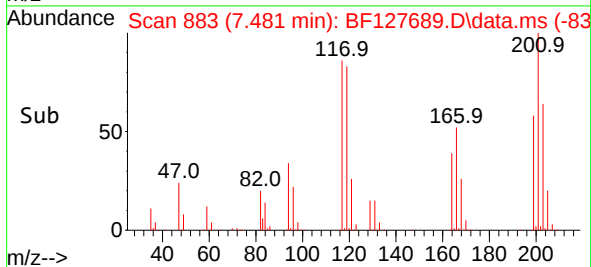
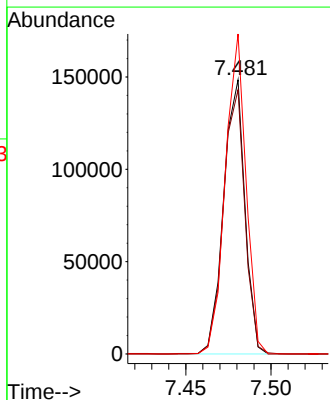
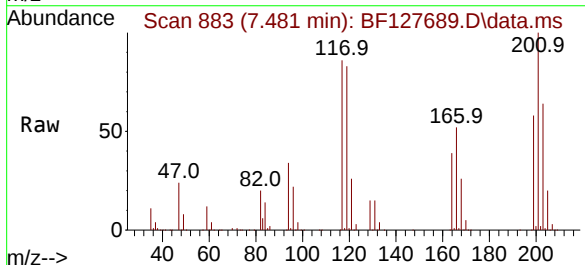
Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

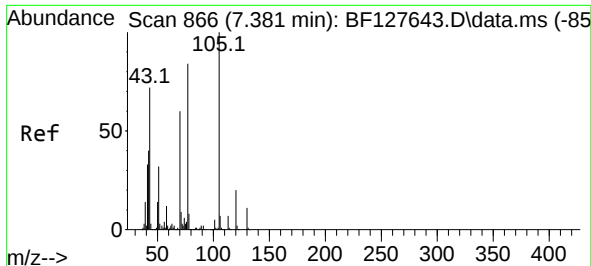
Tgt Ion:107 Resp: 208917
Ion Ratio Lower Upper
107 100
108 113.9 90.7 136.1
77 53.8 42.9 64.3
79 53.0 43.0 64.6



#18
Hexachloroethane
Concen: 39.919 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion:117 Resp: 129555
Ion Ratio Lower Upper
117 100
119 96.4 77.6 116.4
201 116.8 88.2 132.2

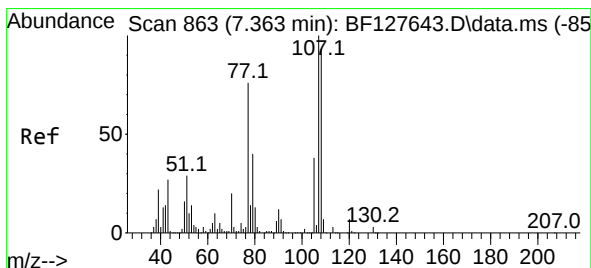
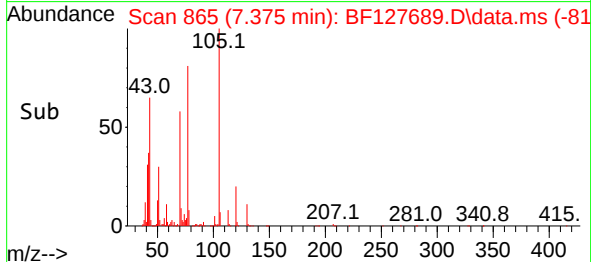
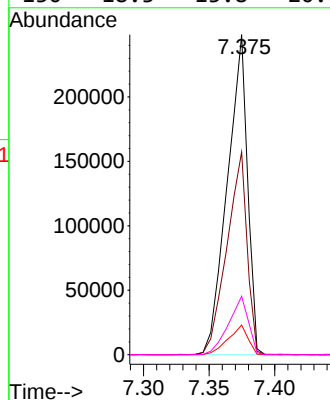
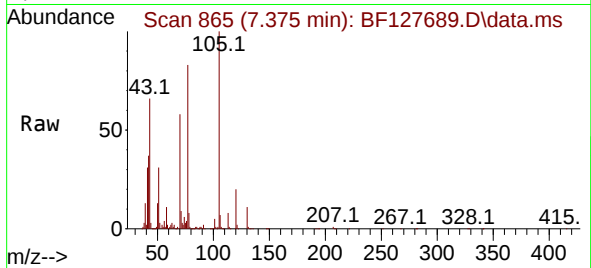




#19
n-Nitroso-di-n-propylamine
Concen: 43.311 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

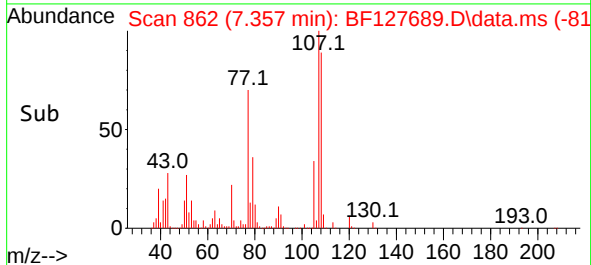
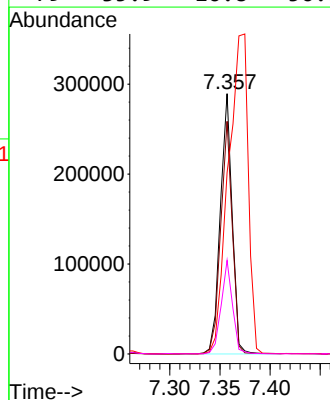
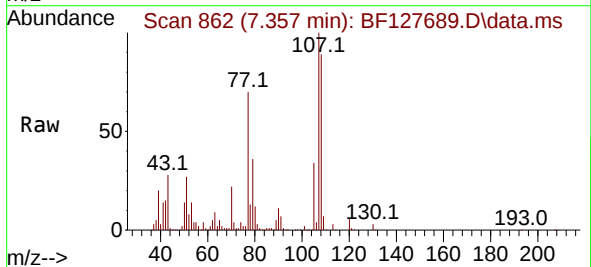
Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

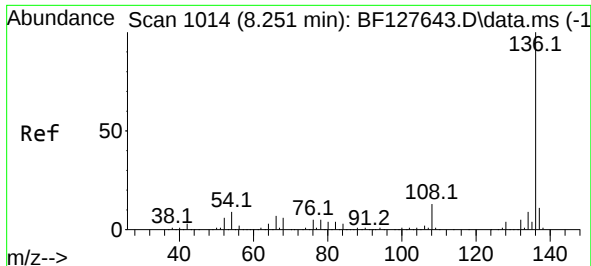
Tgt Ion: 70 Resp: 266013
Ion Ratio Lower Upper
70 100
42 63.4 53.0 79.6
101 9.3 6.8 10.2
130 18.3 13.8 20.6



#20
3+4-Methylphenols
Concen: 29.094 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion:107 Resp: 237470
Ion Ratio Lower Upper
107 100
108 89.4 70.7 110.7
77 69.6 127.9 167.9#
79 35.9 16.8 56.8

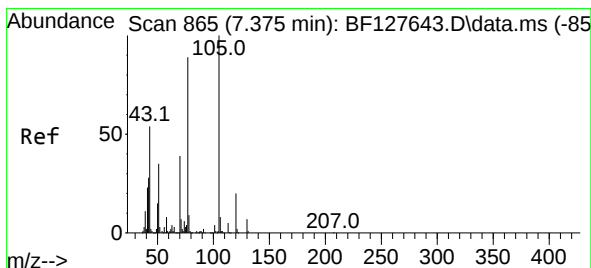
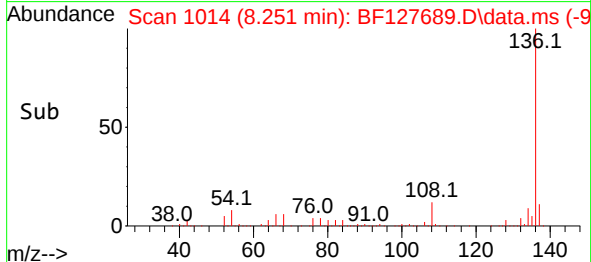
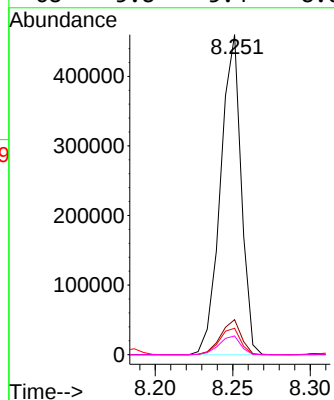
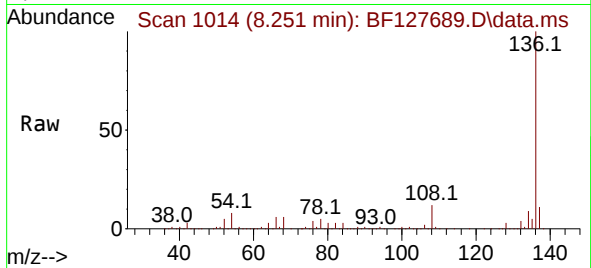




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

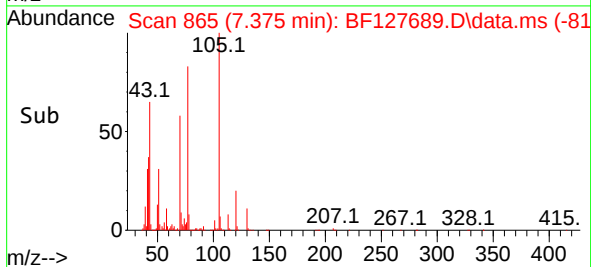
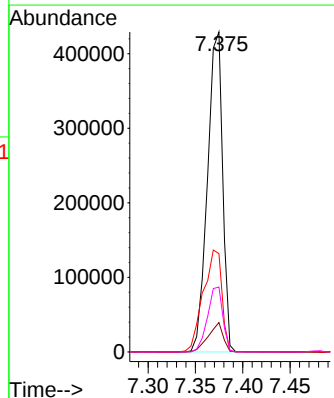
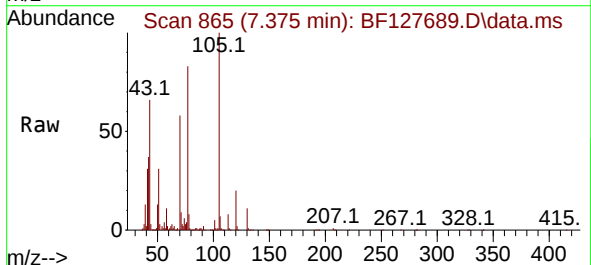
Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

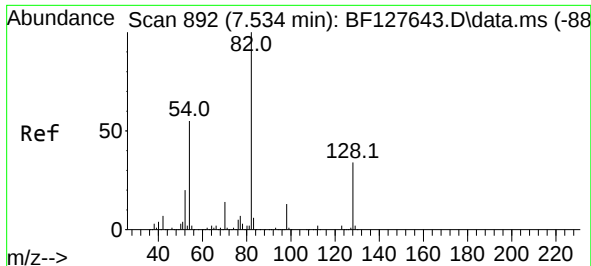
Tgt Ion:	136	Resp:	425874
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	8.3	9.2	13.8#
68	5.8	5.4	8.0



#22
Acetophenone
Concen: 41.739 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion:	105	Resp:	477662
Ion Ratio	Lower	Upper	
105	100		
71	9.2	7.3	10.9
51	30.8	38.8	58.2#
120	20.3	16.5	24.7





#23

Nitrobenzene-d5

Concen: 82.591 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127689.D

Acq: 07 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

TW-E5MSD

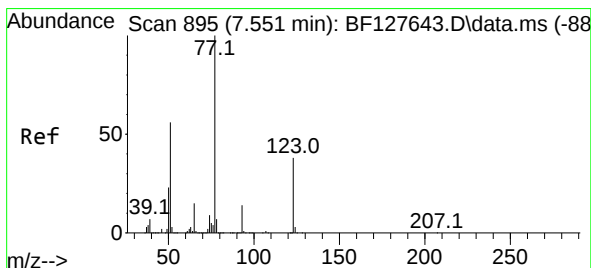
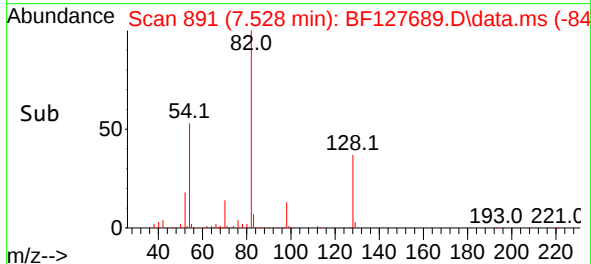
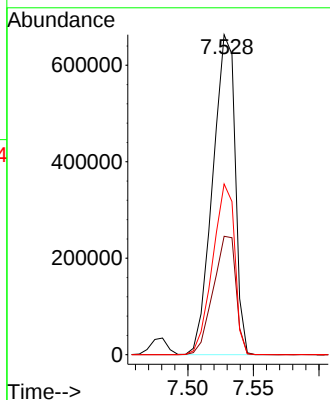
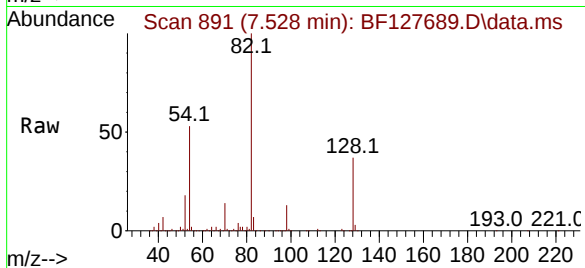
Tgt Ion: 82 Resp: 788976

Ion Ratio Lower Upper

82 100

128 37.0 30.6 45.8

54 53.4 48.2 72.2



#24

Nitrobenzene

Concen: 43.918 ng

RT: 7.545 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF127689.D

Acq: 07 Apr 2022 18:02

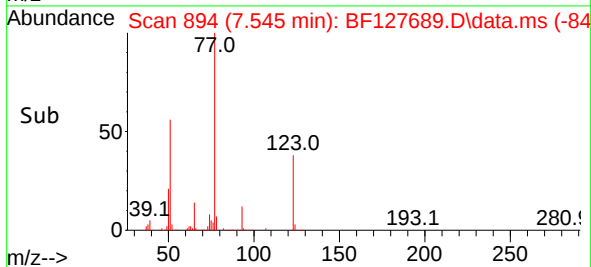
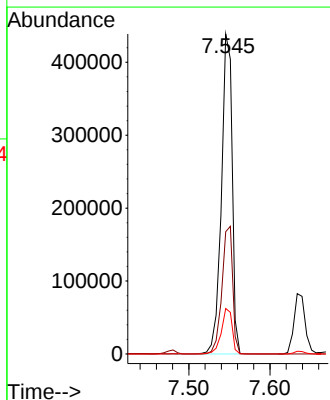
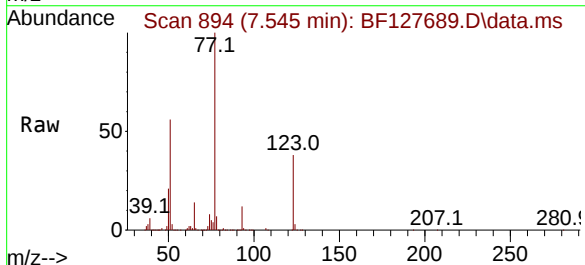
Tgt Ion: 77 Resp: 406687

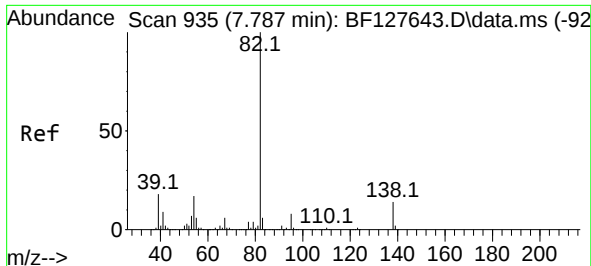
Ion Ratio Lower Upper

77 100

123 38.2 32.0 48.0

65 14.2 12.2 18.2

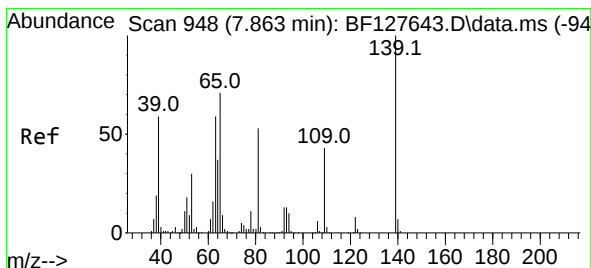
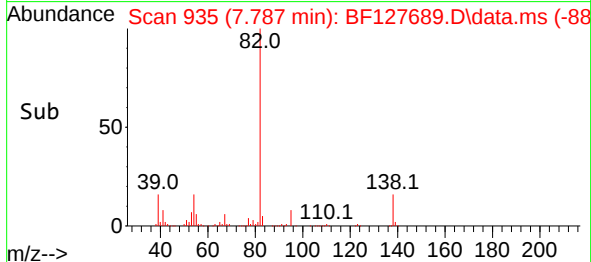
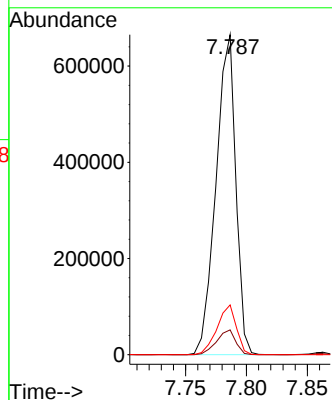
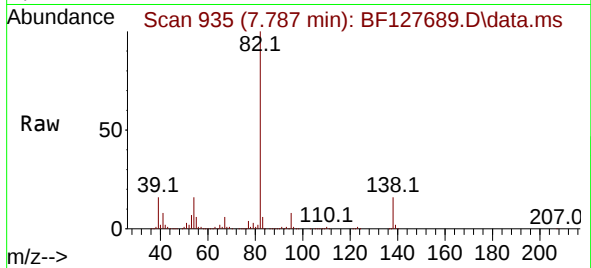




#25
Isophorone
Concen: 45.170 ng
RT: 7.787 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

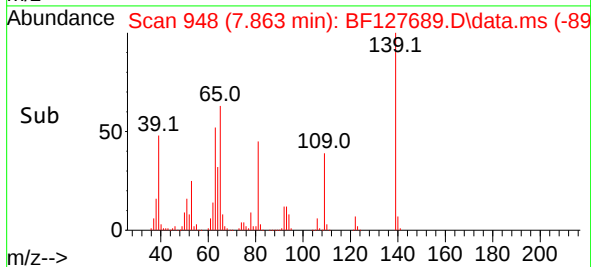
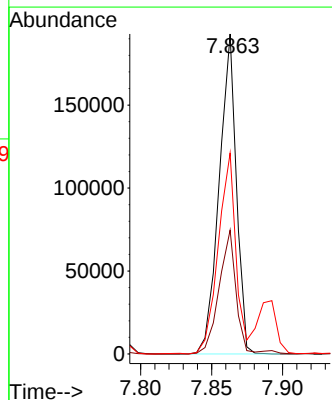
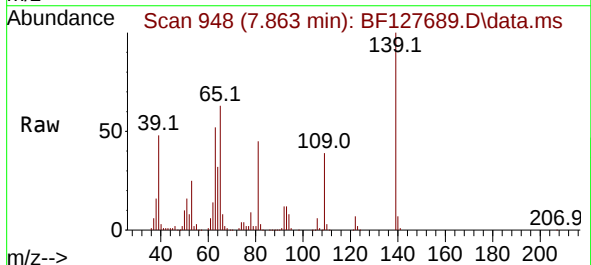
Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

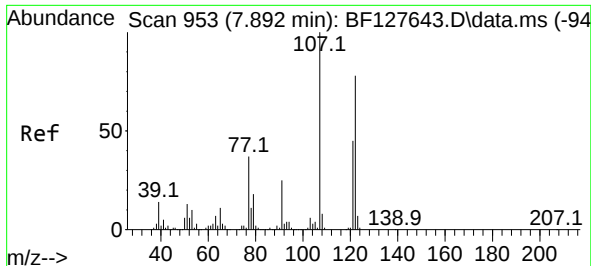
Tgt Ion: 82 Resp: 752931
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.8
138 15.5 11.6 17.4



#26
2-Nitrophenol
Concen: 48.695 ng
RT: 7.863 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion: 139 Resp: 162049
Ion Ratio Lower Upper
139 100
109 38.7 28.2 42.2
65 62.8 55.3 82.9





#27

2,4-Dimethylphenol

Concen: 42.801 ng

RT: 7.892 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF127689.D

Acq: 07 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

TW-E5MSD

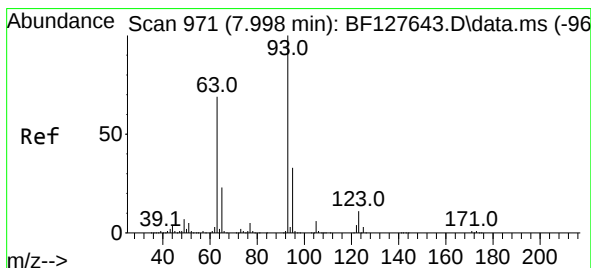
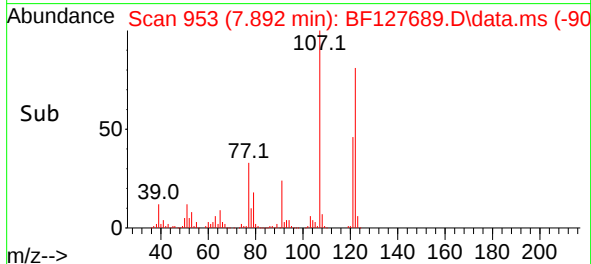
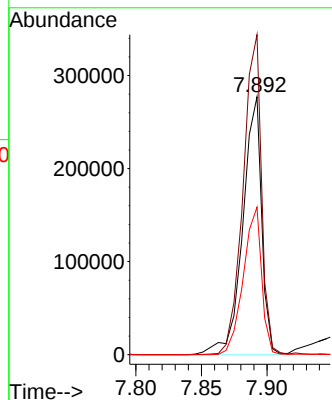
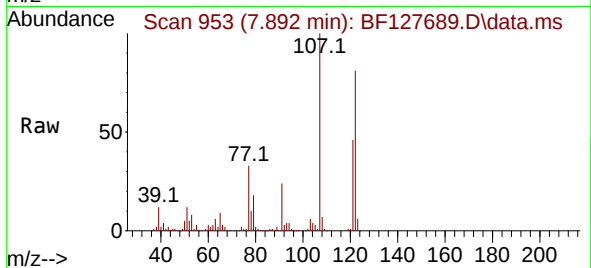
Tgt Ion:122 Resp: 278869

Ion Ratio Lower Upper

122 100

107 124.1 93.0 139.4

121 57.2 44.9 67.3



#28

bis(2-Chloroethoxy)methane

Concen: 41.952 ng

RT: 7.992 min Scan# 970

Delta R.T. -0.006 min

Lab File: BF127689.D

Acq: 07 Apr 2022 18:02

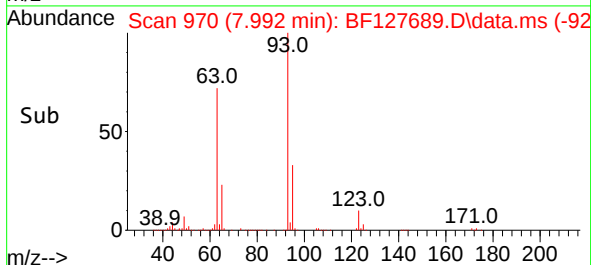
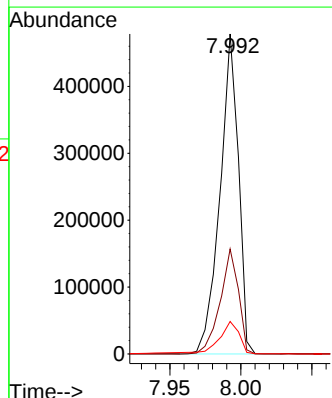
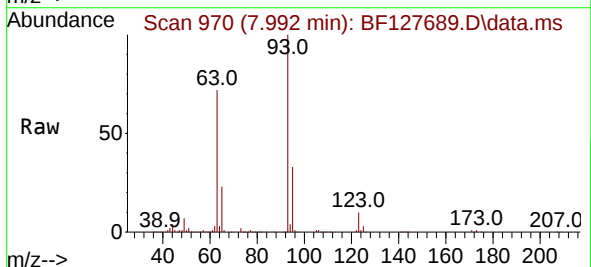
Tgt Ion: 93 Resp: 431193

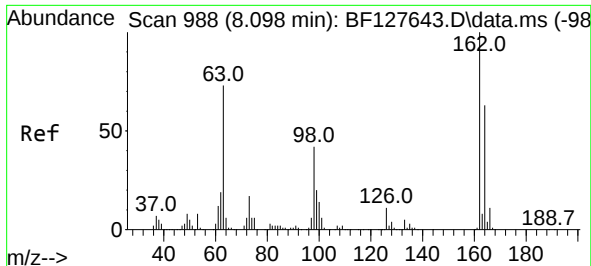
Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

123 10.2 8.0 12.0

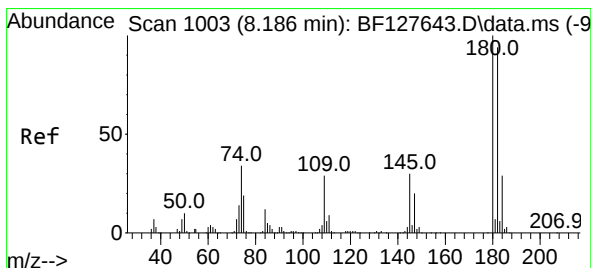
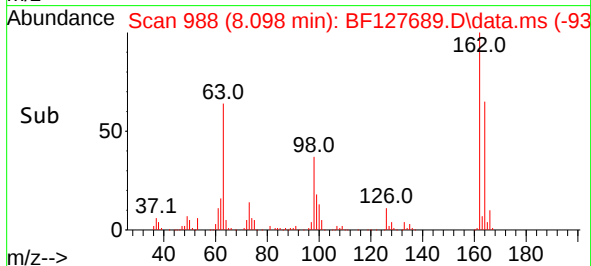
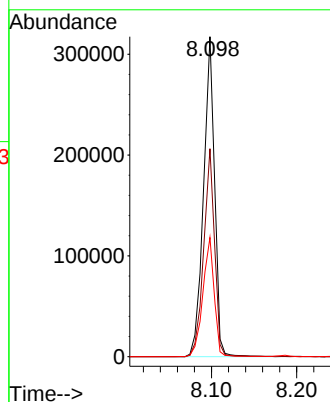
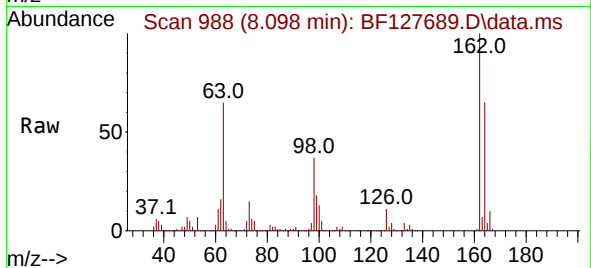




#29
2,4-Dichlorophenol
Concen: 40.926 ng
RT: 8.098 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

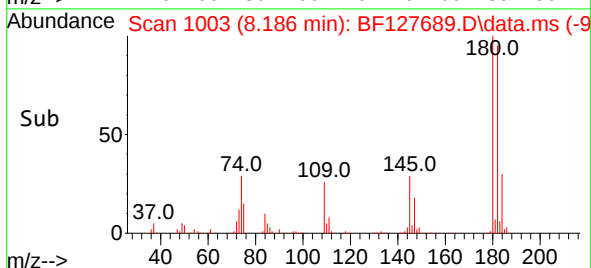
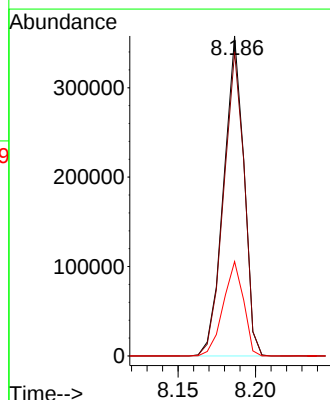
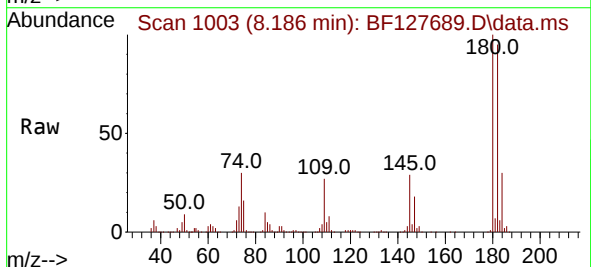
Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

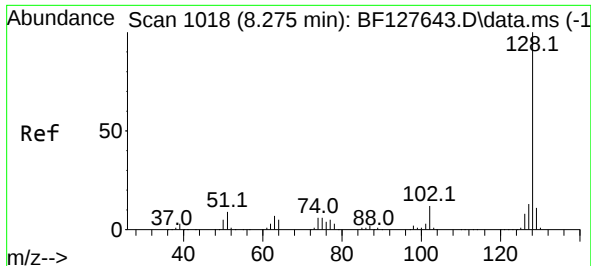
Tgt Ion:162 Resp: 287256
Ion Ratio Lower Upper
162 100
164 65.0 43.7 83.7
98 37.3 23.5 63.5



#30
1,2,4-Trichlorobenzene
Concen: 40.227 ng
RT: 8.186 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion:180 Resp: 324951
Ion Ratio Lower Upper
180 100
182 95.1 73.8 110.6
145 29.5 23.3 34.9

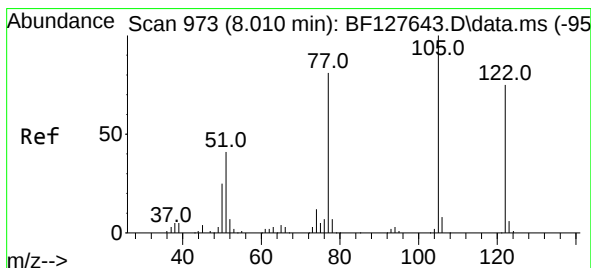
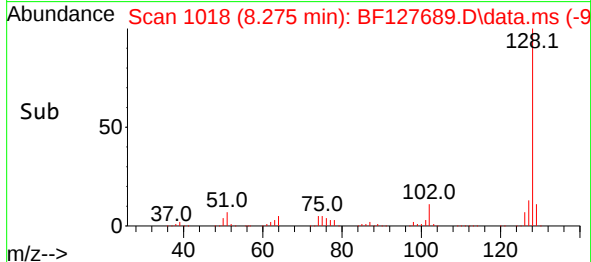
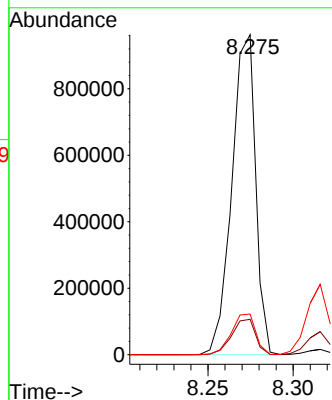
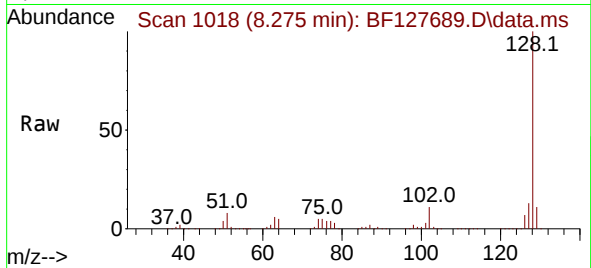




#31
Naphthalene
Concen: 41.829 ng
RT: 8.275 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

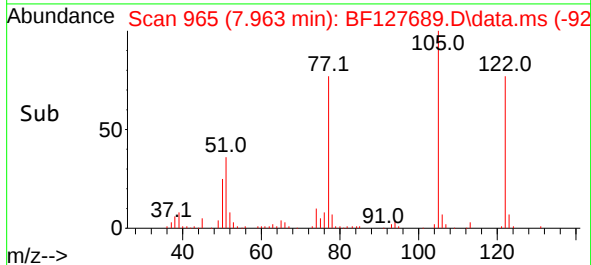
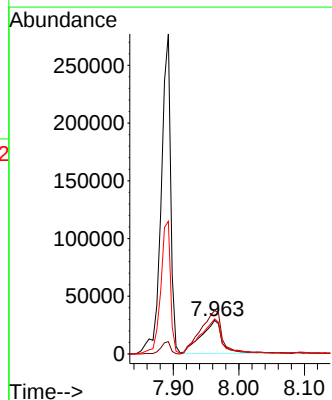
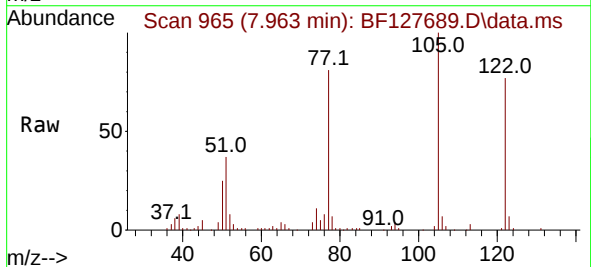
Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

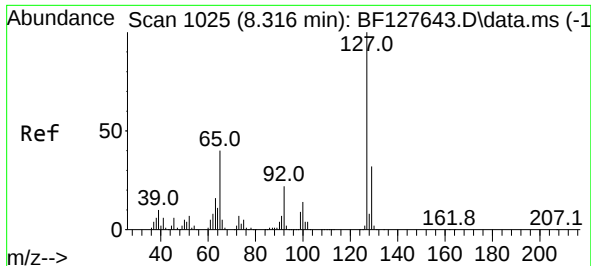
Tgt Ion:128 Resp: 933450
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 12.7 10.2 15.2



#32
Benzoic acid
Concen: 13.518 ng
RT: 7.963 min Scan# 965
Delta R.T. -0.047 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion:122 Resp: 63902
Ion Ratio Lower Upper
122 100
105 129.3 117.1 157.1
77 104.2 93.0 133.0



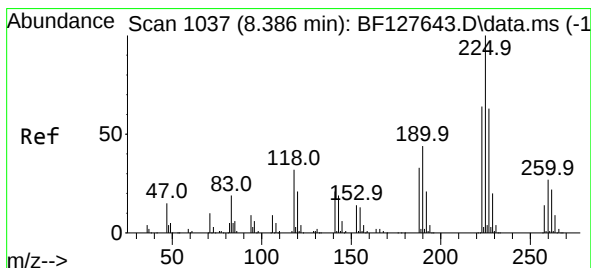
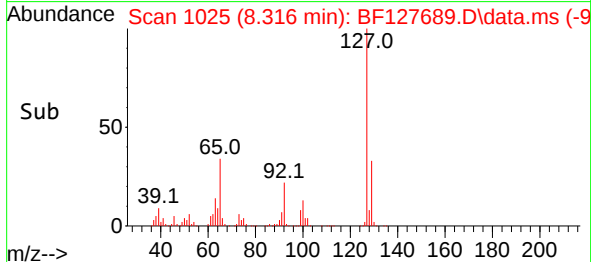
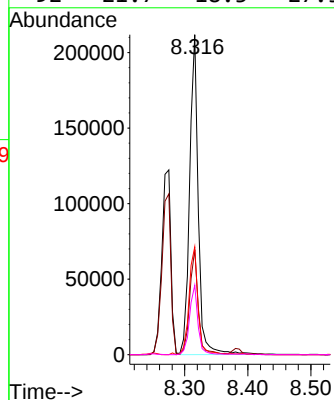
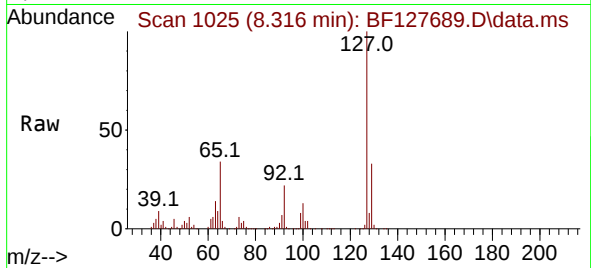


#33
4-Chloroaniline
Concen: 23.112 ng
RT: 8.316 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

Tgt Ion:127 Resp: 203121

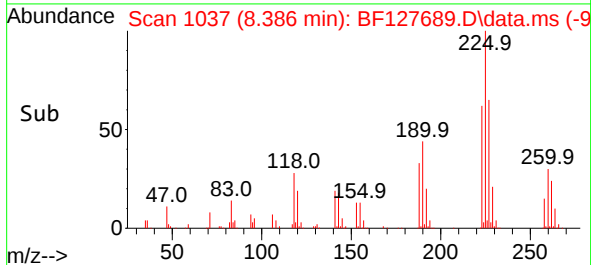
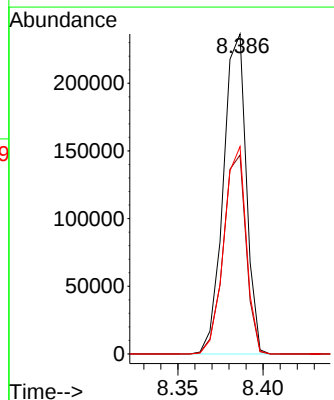
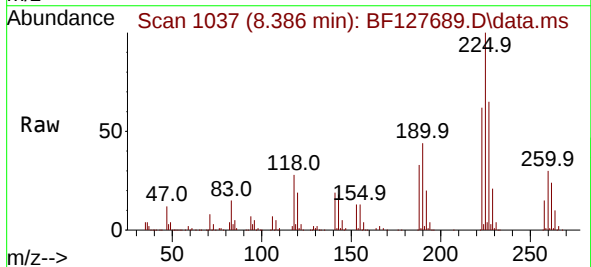
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	33.7	31.4	47.0
92	21.7	18.3	27.5

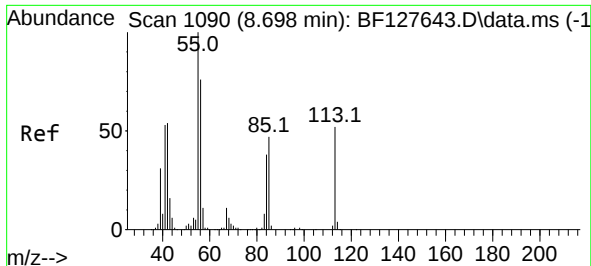


#34
Hexachlorobutadiene
Concen: 39.769 ng
RT: 8.386 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion:225 Resp: 220984

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	64.8	49.6	74.4

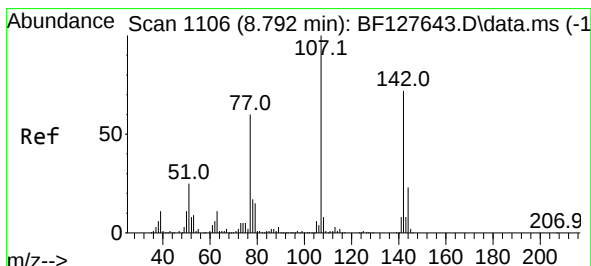
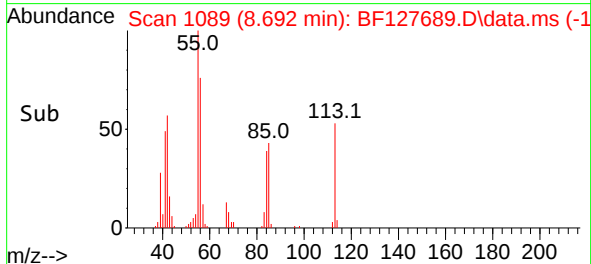
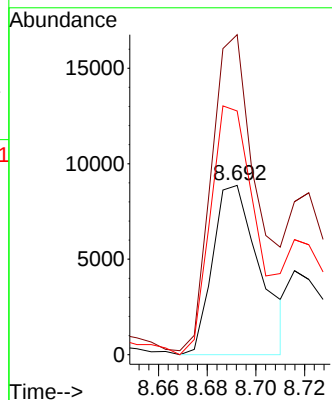
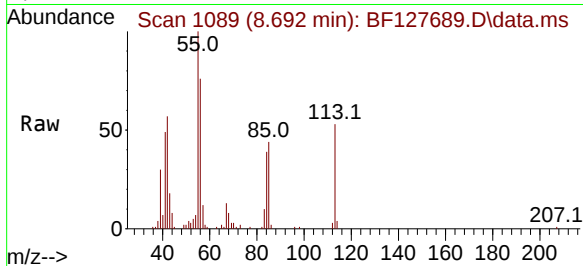




#35
 Caprolactam
 Concen: 5.725 ng
 RT: 8.692 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: BF127689.D
 Acq: 07 Apr 2022 18:02

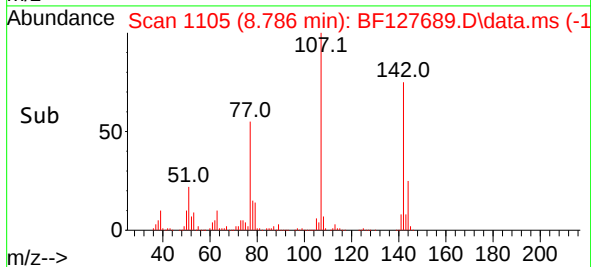
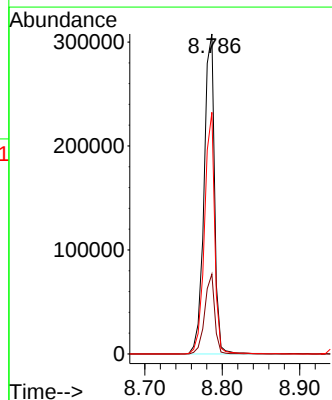
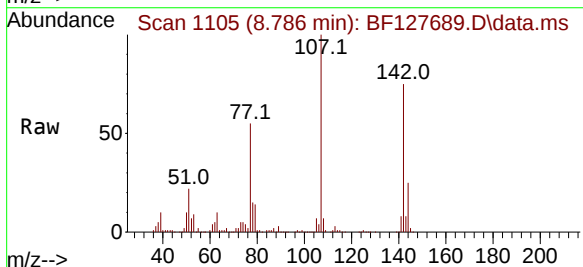
Instrument :
 BNA_F
 ClientSampleId :
 TW-E5MSD

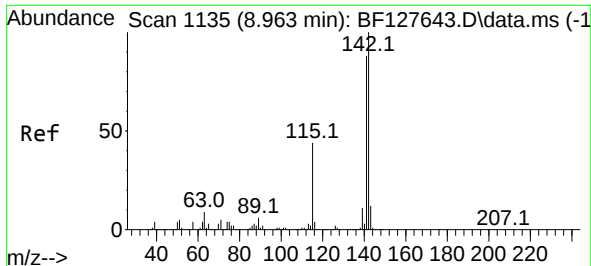
Tgt Ion:113 Resp: 11877
 Ion Ratio Lower Upper
 113 100
 55 189.0 218.7 258.7#
 56 143.9 156.2 196.2#



#36
 4-Chloro-3-methylphenol
 Concen: 39.273 ng
 RT: 8.786 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF127689.D
 Acq: 07 Apr 2022 18:02

Tgt Ion:107 Resp: 288992
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.3 28.9
 142 75.5 59.8 89.8

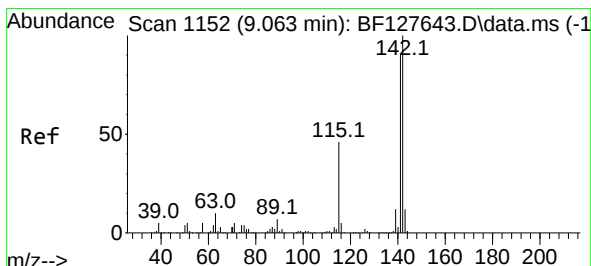
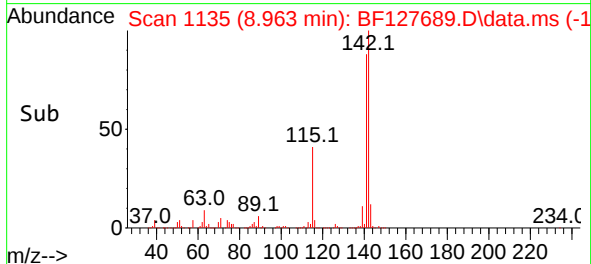
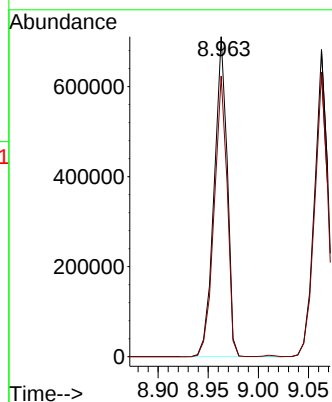
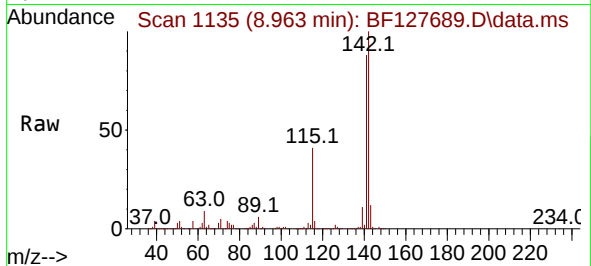




#37
2-Methylnaphthalene
Concen: 43.178 ng
RT: 8.963 min Scan# 1135
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

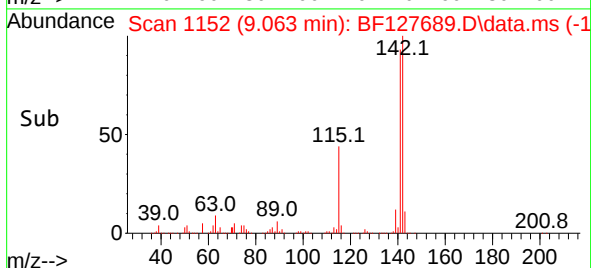
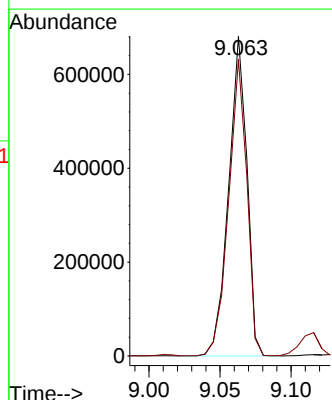
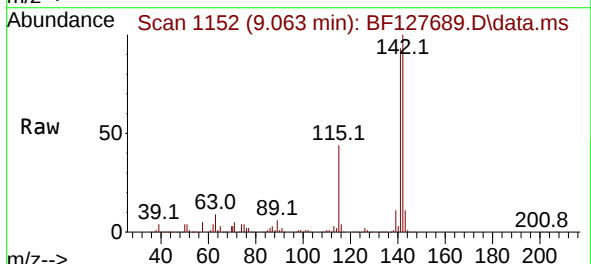
Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

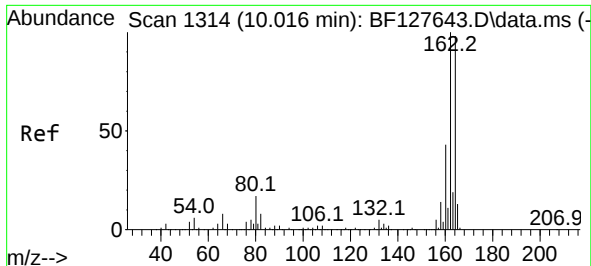
Tgt Ion:142 Resp: 644452
Ion Ratio Lower Upper
142 100
141 87.7 70.6 106.0



#38
1-Methylnaphthalene
Concen: 42.263 ng
RT: 9.063 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion:142 Resp: 608849
Ion Ratio Lower Upper
142 100
141 92.6 74.2 111.2

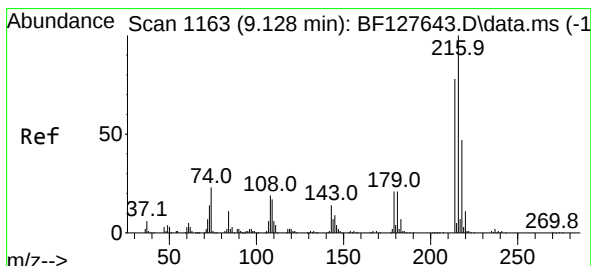
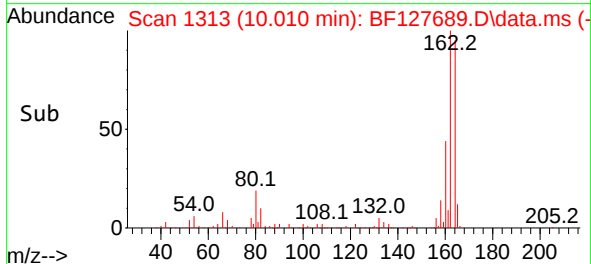
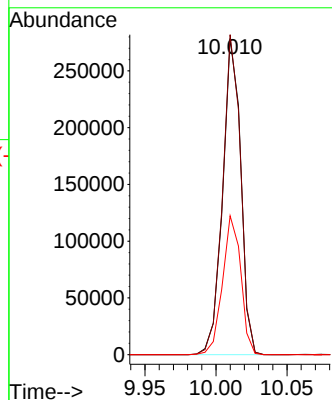
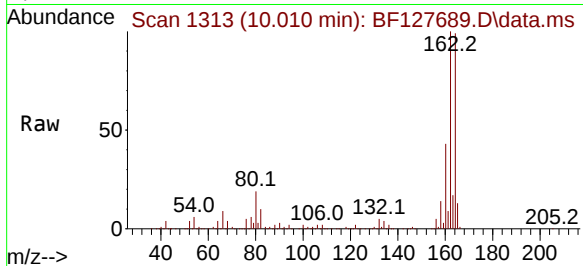




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

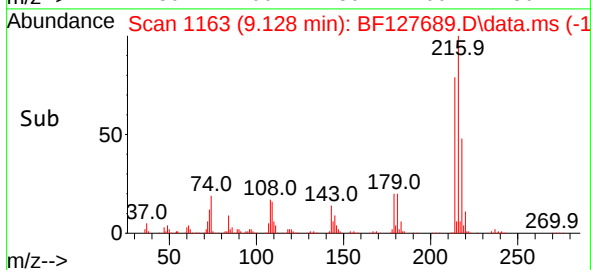
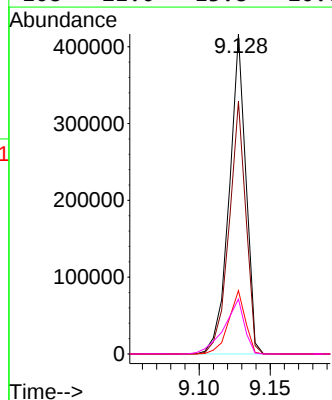
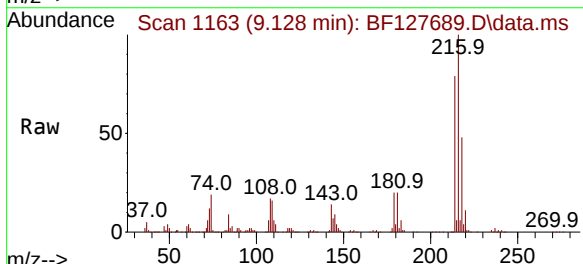
Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

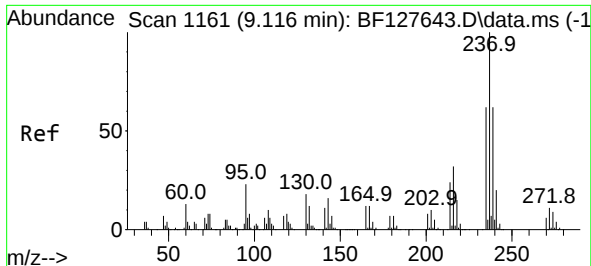
Tgt Ion:164 Resp: 245870
Ion Ratio Lower Upper
164 100
162 101.2 81.2 121.8
160 43.9 34.6 52.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.986 ng
RT: 9.128 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion:216 Resp: 338590
Ion Ratio Lower Upper
216 100
214 79.2 63.0 94.4
179 19.8 15.5 23.3
108 21.0 13.8 20.6#

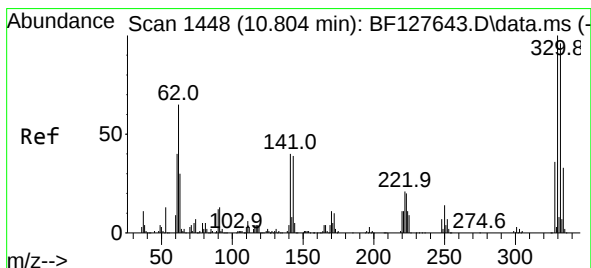
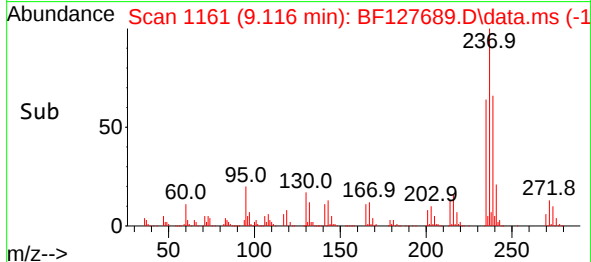
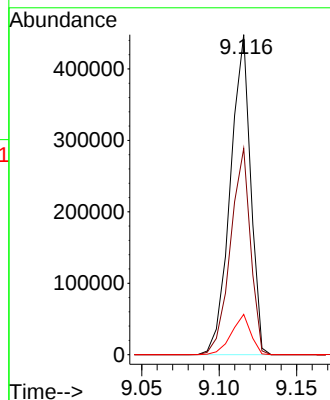
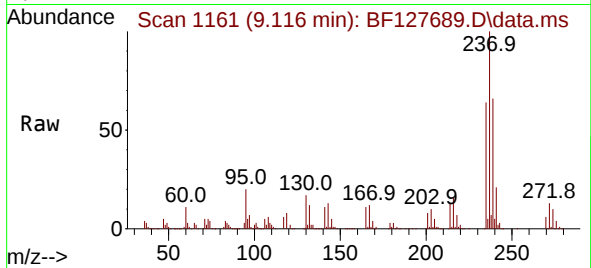




#41
Hexachlorocyclopentadiene
Concen: 83.787 ng
RT: 9.116 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

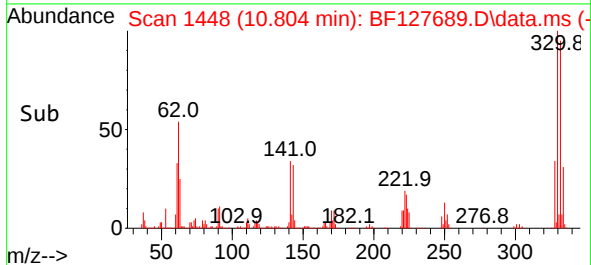
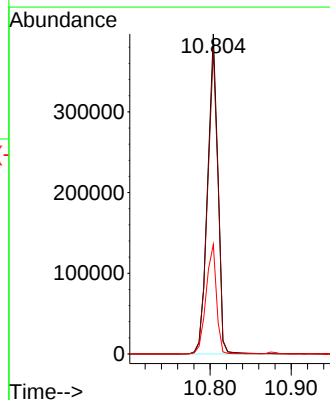
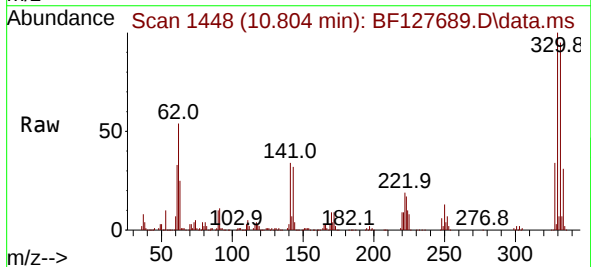
Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

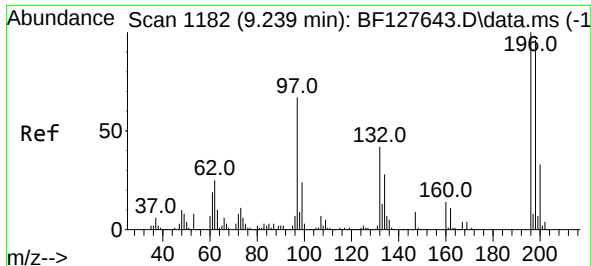
Tgt Ion:237 Resp: 407016
Ion Ratio Lower Upper
237 100
235 64.5 40.4 80.4
272 12.6 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 133.149 ng
RT: 10.804 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion:330 Resp: 348373
Ion Ratio Lower Upper
330 100
332 95.9 79.1 118.7
141 34.6 26.2 39.4





#43

2,4,6-Trichlorophenol

Concen: 41.717 ng

RT: 9.233 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF127689.D

Acq: 07 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

TW-E5MSD

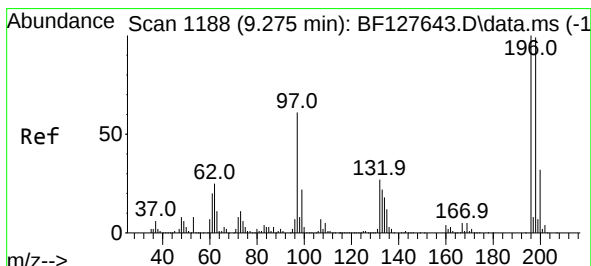
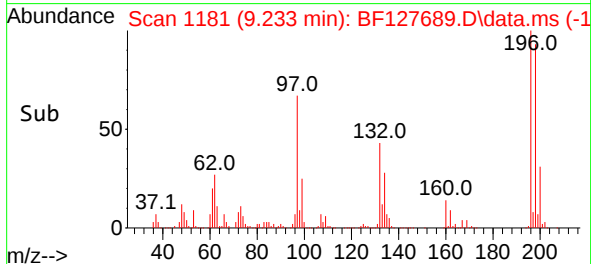
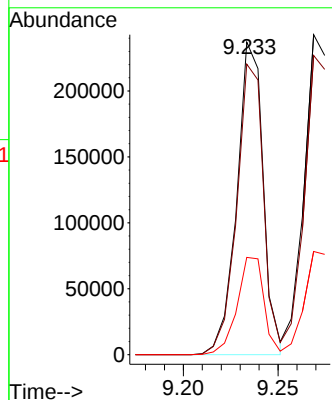
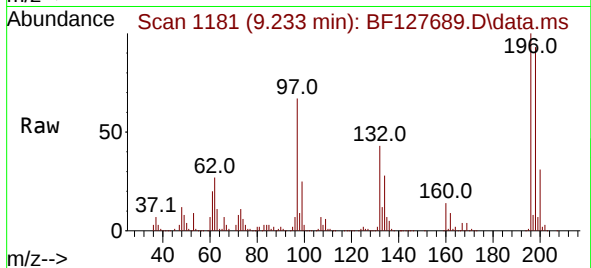
Tgt Ion:196 Resp: 228401

Ion Ratio Lower Upper

196 100

198 93.0 77.8 116.6

200 31.1 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 42.353 ng

RT: 9.269 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BF127689.D

Acq: 07 Apr 2022 18:02

Tgt Ion:196 Resp: 233984

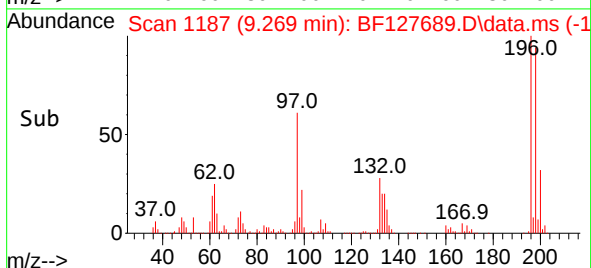
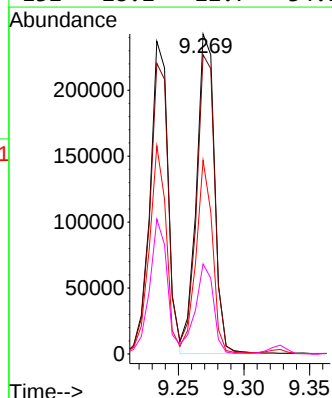
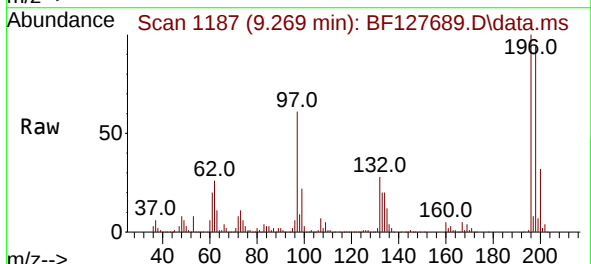
Ion Ratio Lower Upper

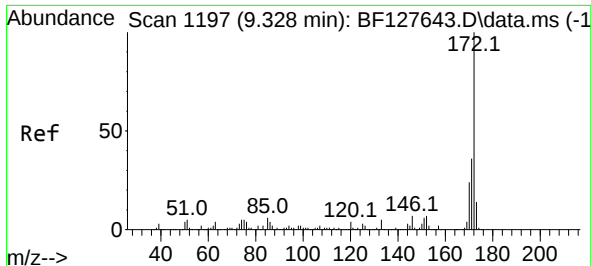
196 100

198 93.5 75.3 112.9

97 60.5 46.8 70.2

132 28.2 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 77.787 ng

RT: 9.328 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF127689.D

Acq: 07 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

TW-E5MSD

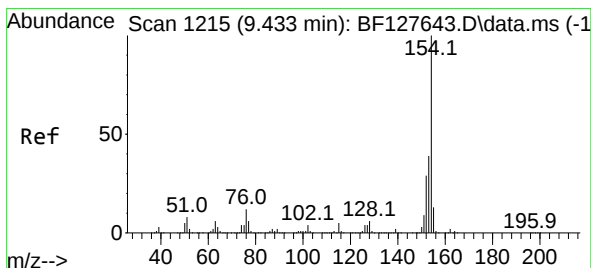
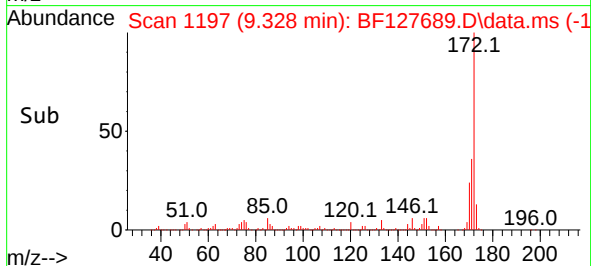
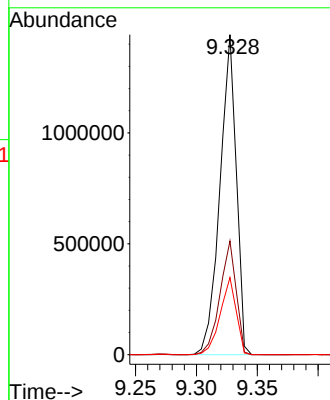
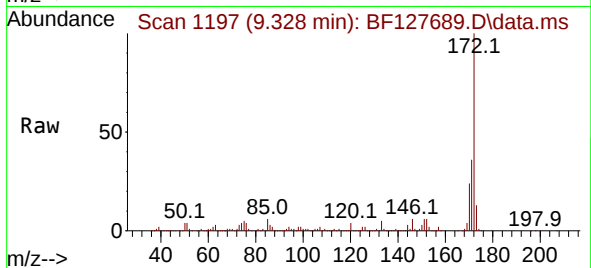
Tgt Ion:172 Resp: 1351939

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 24.1 18.6 27.8



#46

1,1'-Biphenyl

Concen: 42.388 ng

RT: 9.428 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF127689.D

Acq: 07 Apr 2022 18:02

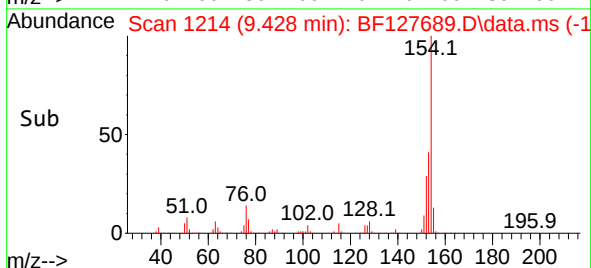
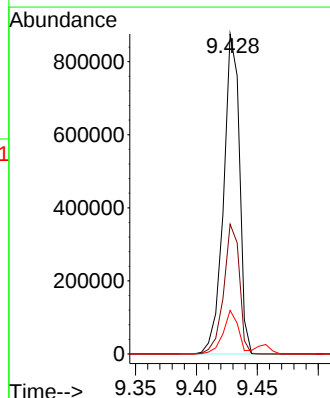
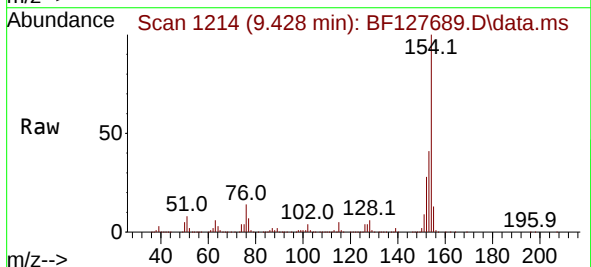
Tgt Ion:154 Resp: 797056

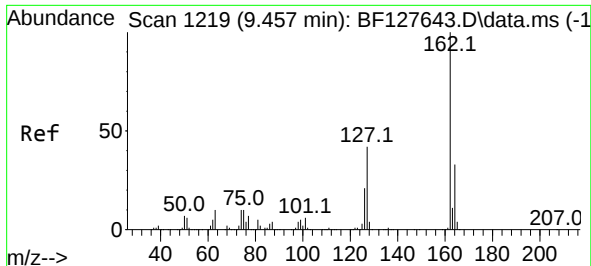
Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

76 13.6 0.0 33.9





#47

2-Chloronaphthalene

Concen: 42.216 ng

RT: 9.457 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF127689.D

Acq: 07 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

TW-E5MSD

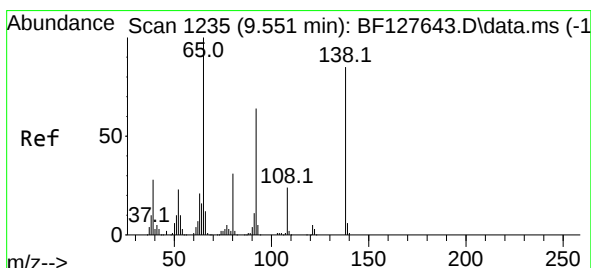
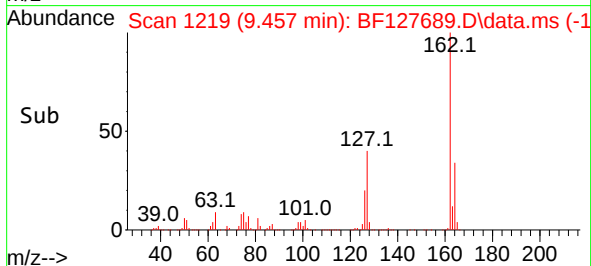
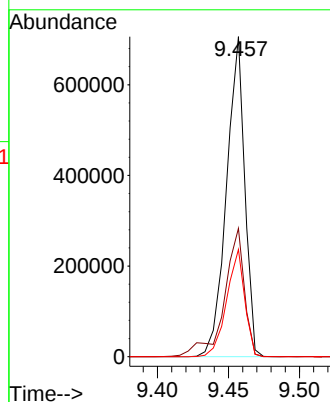
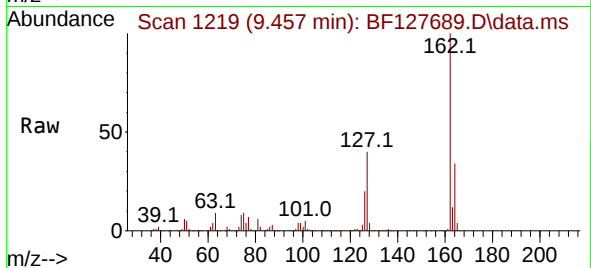
Tgt Ion:162 Resp: 630835

Ion Ratio Lower Upper

162 100

127 40.1 31.8 47.6

164 33.5 26.4 39.6



#48

2-Nitroaniline

Concen: 47.429 ng

RT: 9.551 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF127689.D

Acq: 07 Apr 2022 18:02

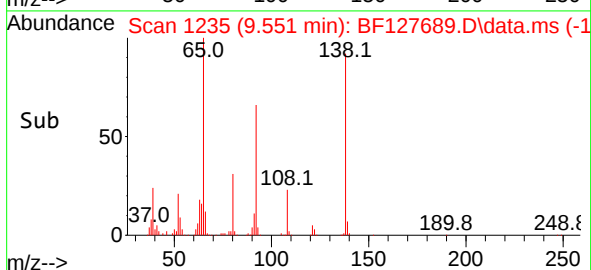
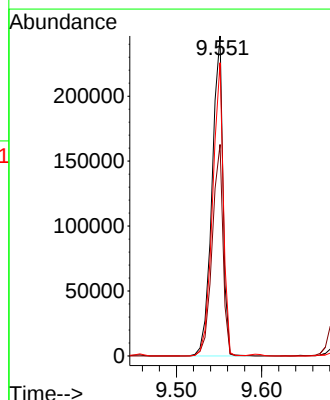
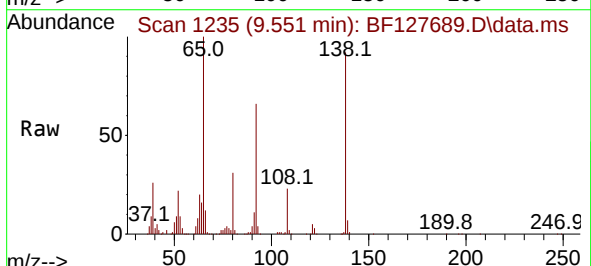
Tgt Ion: 65 Resp: 220116

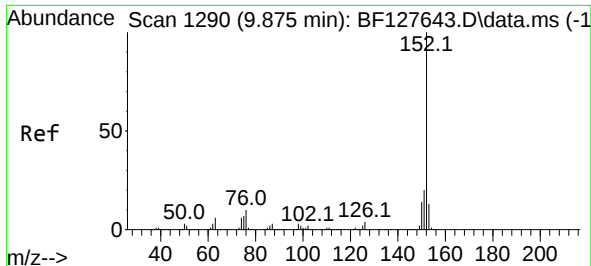
Ion Ratio Lower Upper

65 100

92 66.1 50.0 75.0

138 91.6 64.1 96.1





#49

Acenaphthylene

Concen: 45.387 ng

RT: 9.875 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF127689.D

Acq: 07 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

TW-E5MSD

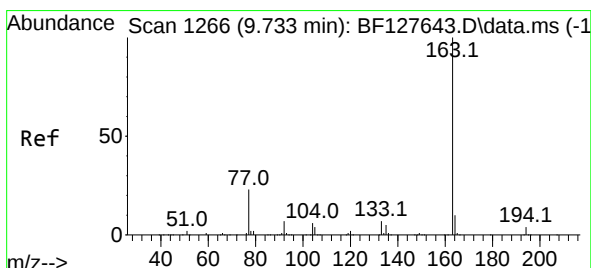
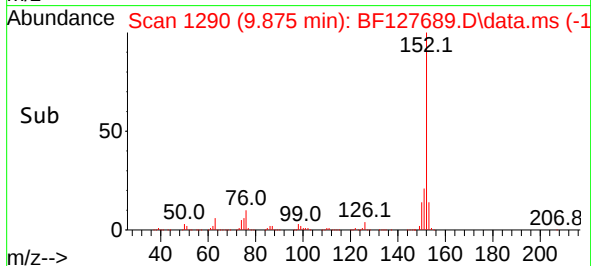
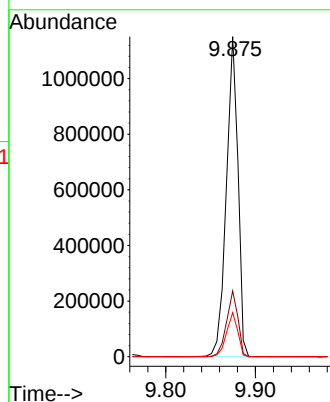
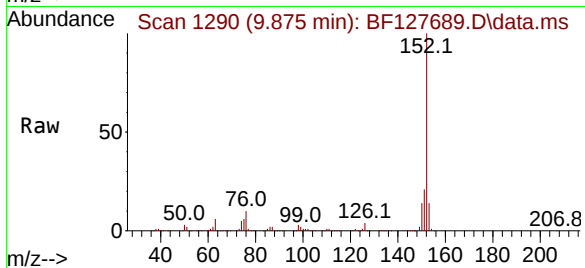
Tgt Ion:152 Resp: 1031603

Ion Ratio Lower Upper

152 100

151 20.5 15.8 23.8

153 13.7 10.5 15.7



#50

Dimethylphthalate

Concen: 43.163 ng

RT: 9.728 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF127689.D

Acq: 07 Apr 2022 18:02

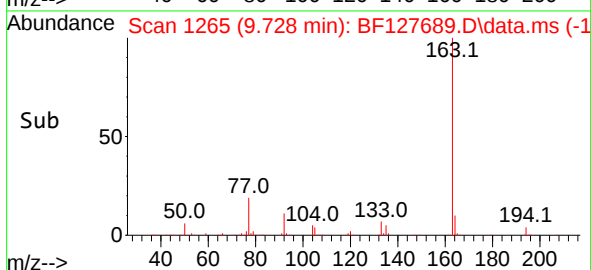
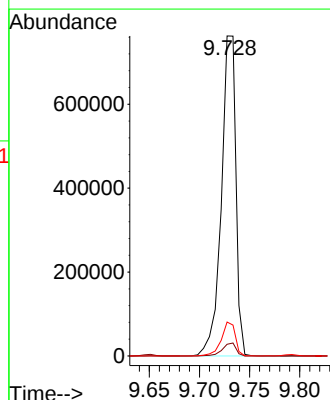
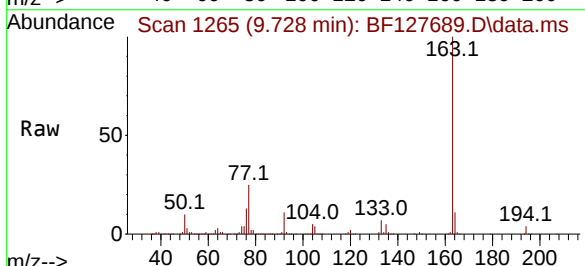
Tgt Ion:163 Resp: 769241

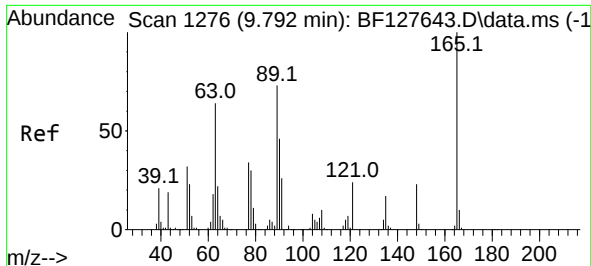
Ion Ratio Lower Upper

163 100

194 3.6 3.3 4.9

164 10.6 7.8 11.8

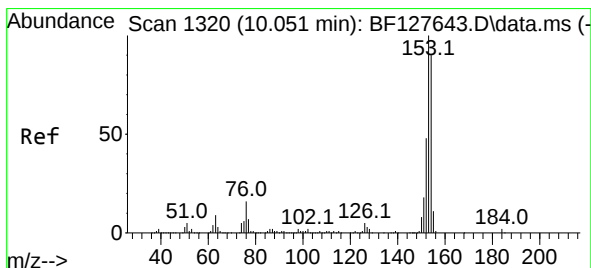
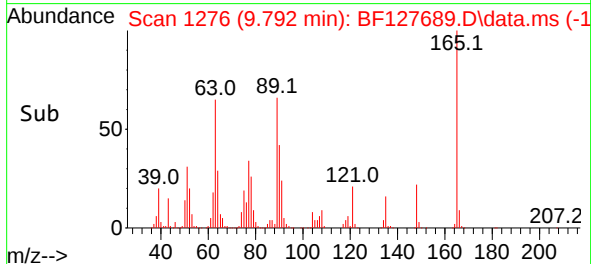
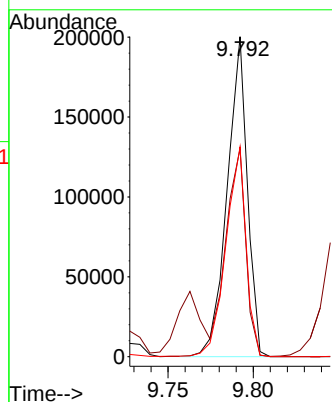
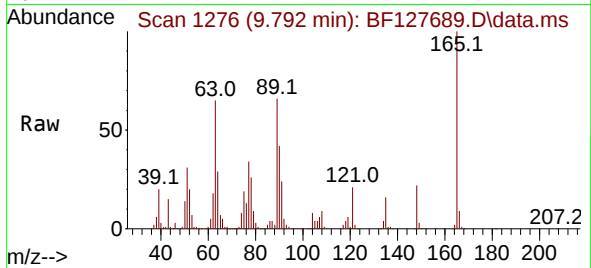




#51
2,6-Dinitrotoluene
Concen: 49.245 ng
RT: 9.792 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

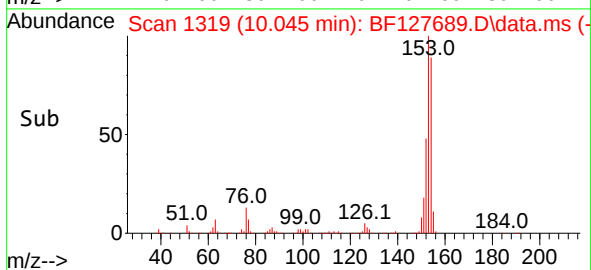
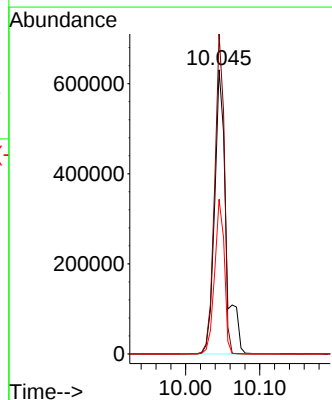
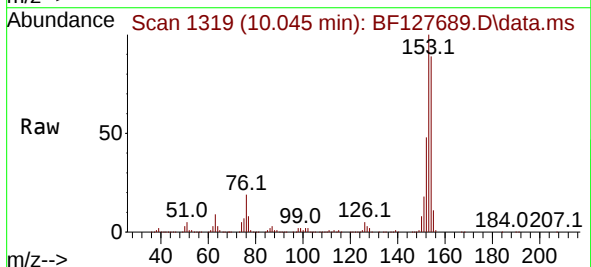
Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

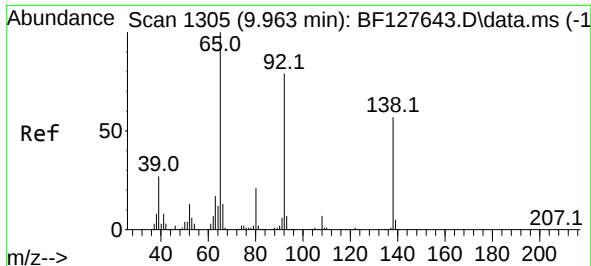
Tgt Ion:165 Resp: 165432
Ion Ratio Lower Upper
165 100
63 65.0 58.3 87.5
89 65.6 51.5 77.3



#52
Acenaphthene
Concen: 47.168 ng
RT: 10.045 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion:154 Resp: 675432
Ion Ratio Lower Upper
154 100
153 112.6 87.6 131.4
152 54.4 42.9 64.3

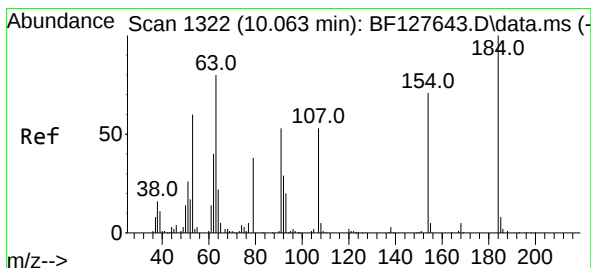
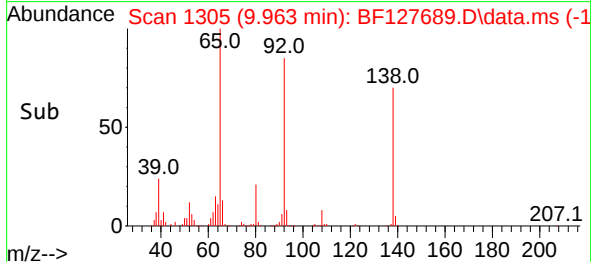
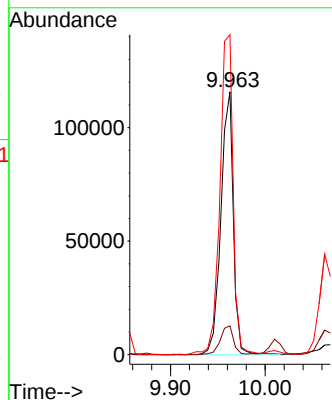
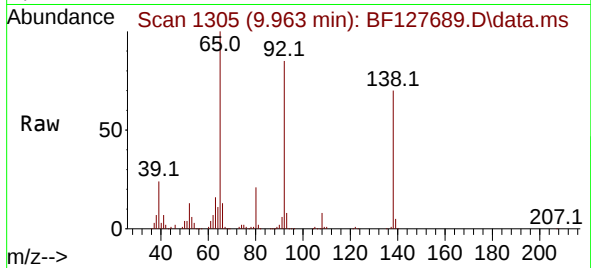




#53
3-Nitroaniline
Concen: 29.821 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

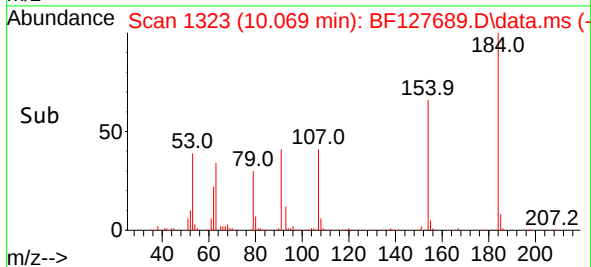
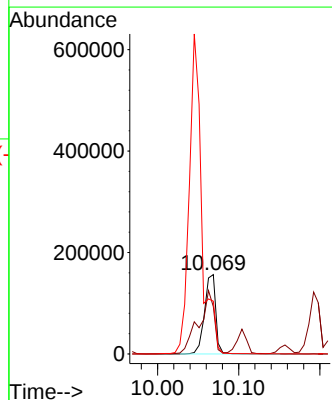
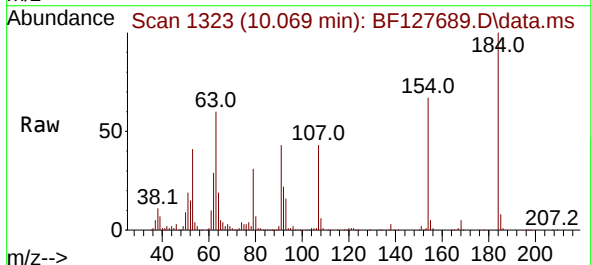
Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

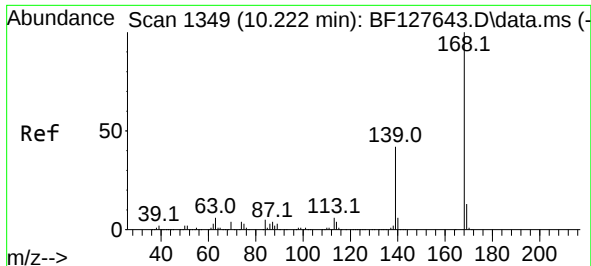
Tgt Ion:138 Resp: 105833
Ion Ratio Lower Upper
138 100
108 11.0 9.4 14.0
92 121.7 106.1 159.1



#54
2,4-Dinitrophenol
Concen: 89.282 ng
RT: 10.069 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion:184 Resp: 149754
Ion Ratio Lower Upper
184 100
63 59.7 58.1 87.1
154 66.5 53.2 79.8

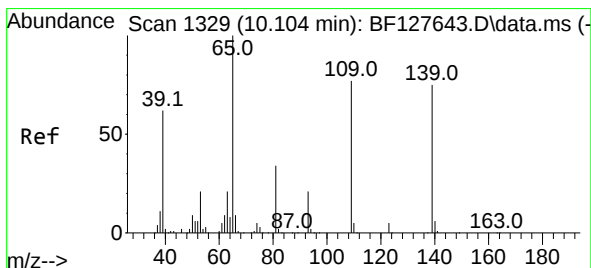
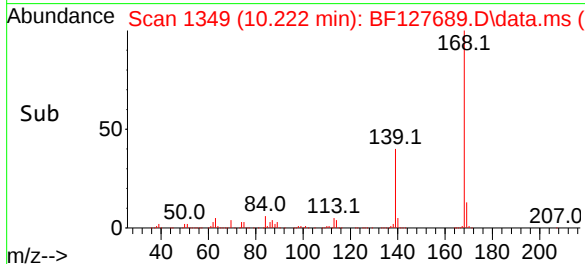
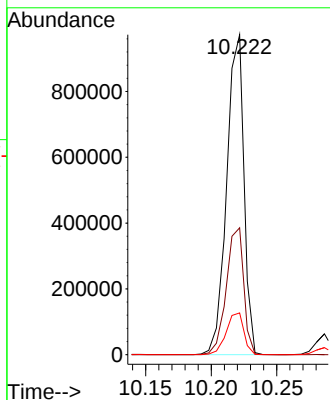
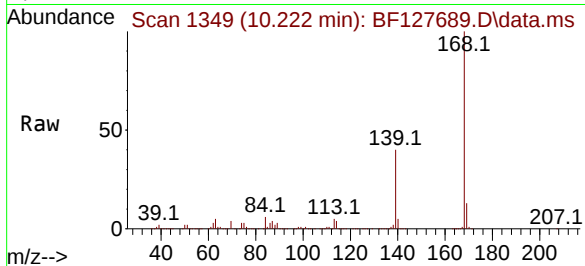




#55
Dibenzenofuran
Concen: 42.613 ng
RT: 10.222 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

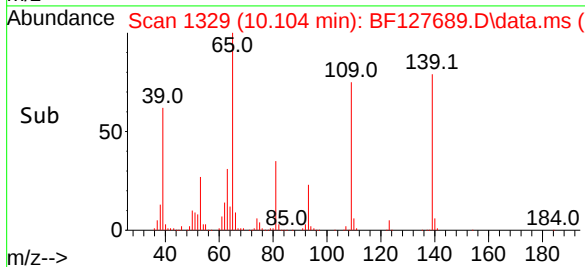
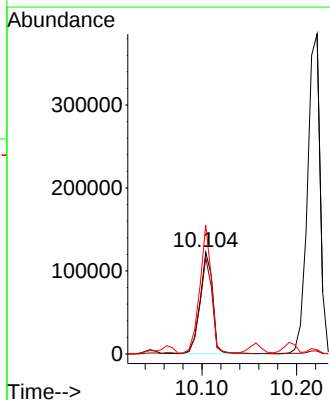
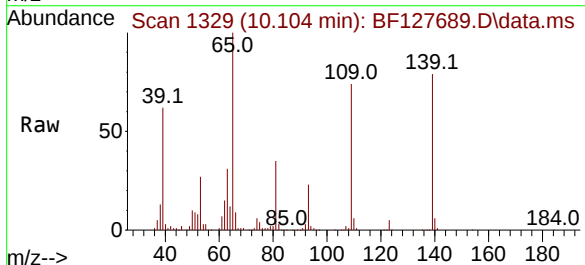
Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

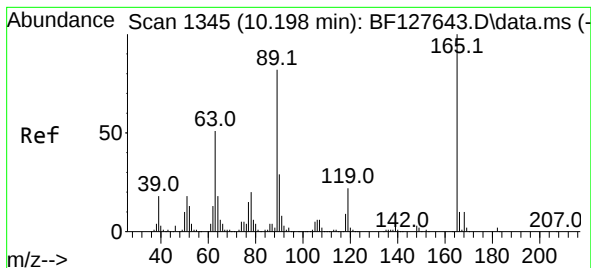
Tgt Ion:168 Resp: 890459
Ion Ratio Lower Upper
168 100
139 39.6 30.3 45.5
169 13.0 10.8 16.2



#56
4-Nitrophenol
Concen: 40.734 ng
RT: 10.104 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion:139 Resp: 113549
Ion Ratio Lower Upper
139 100
109 94.3 64.3 104.3
65 126.7 117.5 157.5

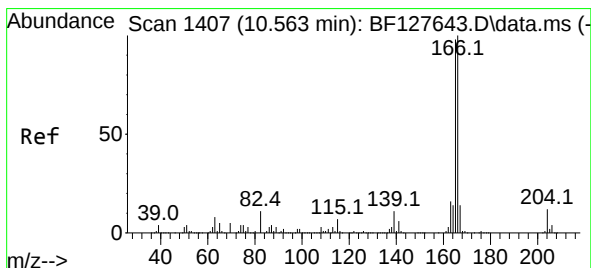
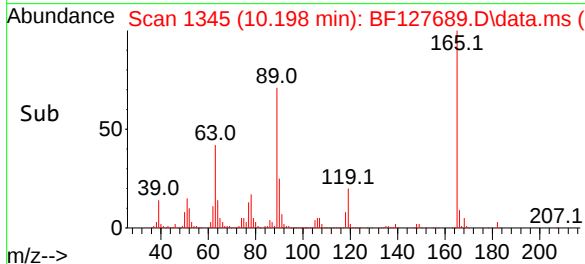
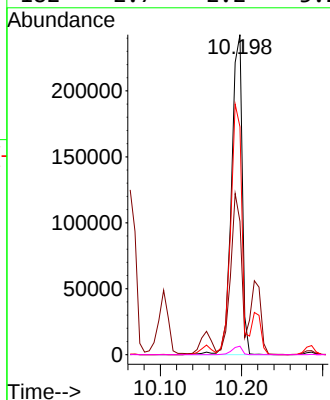
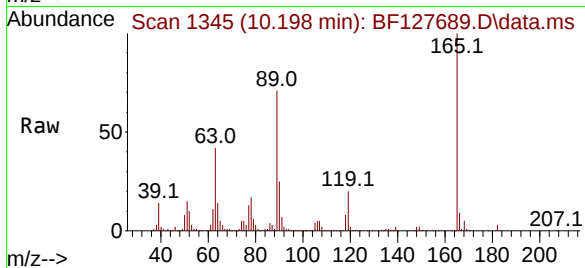




#57
2,4-Dinitrotoluene
Concen: 53.203 ng
RT: 10.198 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

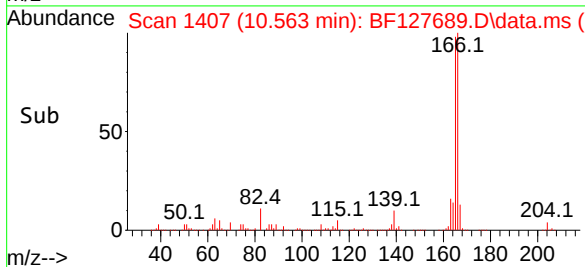
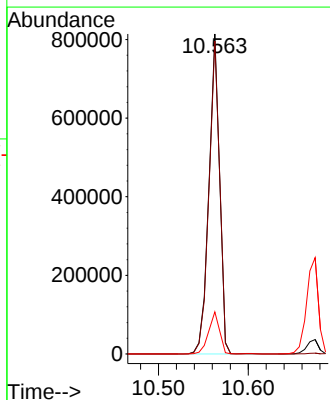
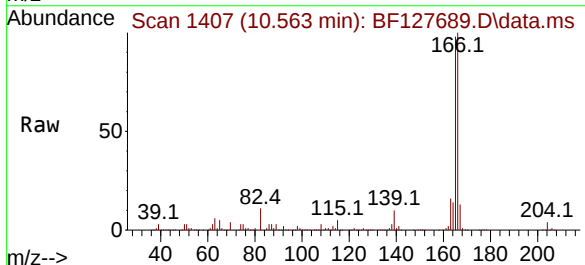
Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

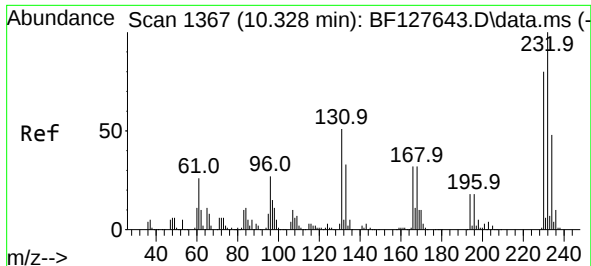
Tgt Ion:165 Resp: 221587
Ion Ratio Lower Upper
165 100
63 41.6 53.1 79.7#
89 71.2 69.2 103.8
182 2.7 2.2 3.2



#58
Fluorene
Concen: 43.617 ng
RT: 10.563 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion:166 Resp: 673437
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 13.1 10.5 15.7

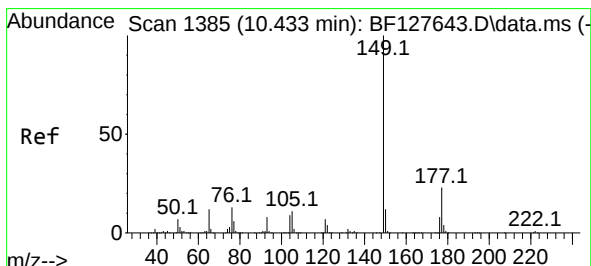
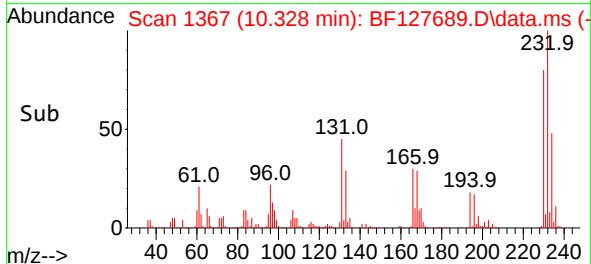
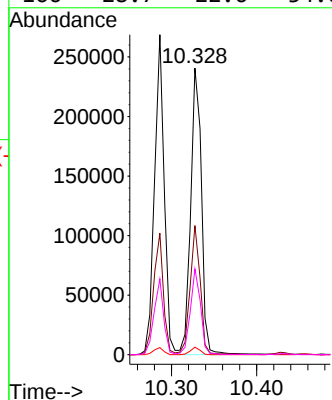
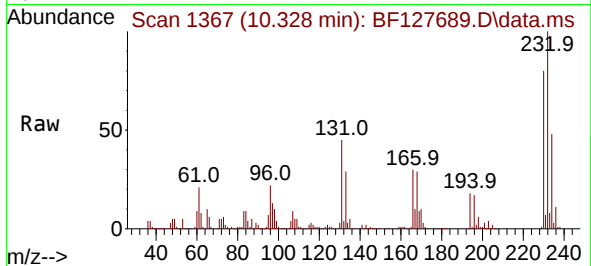




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.638 ng
RT: 10.328 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

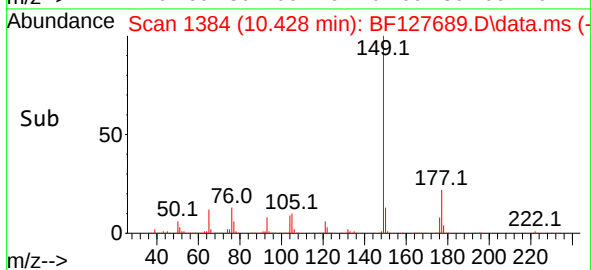
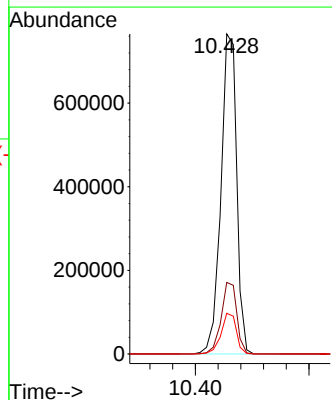
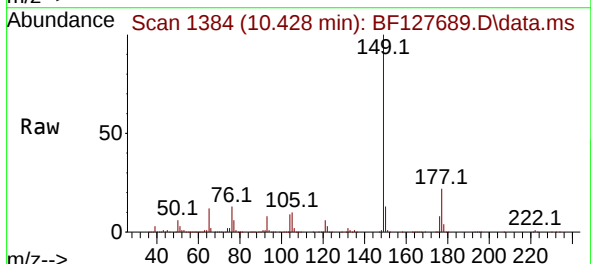
Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

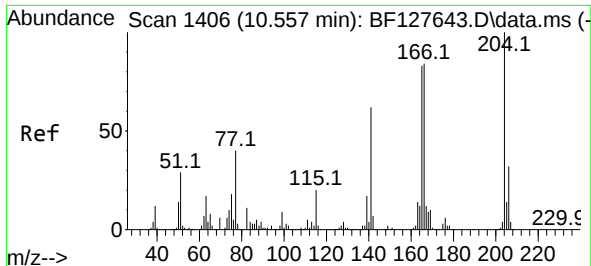
Tgt Ion:232 Resp: 210072
Ion Ratio Lower Upper
232 100
131 42.5 33.4 50.0
130 2.3 1.8 2.6
166 28.7 22.6 34.0



#60
Diethylphthalate
Concen: 43.287 ng
RT: 10.428 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion:149 Resp: 738234
Ion Ratio Lower Upper
149 100
177 22.3 18.9 28.3
150 12.7 10.0 15.0

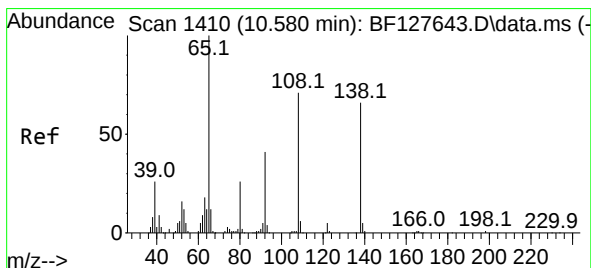
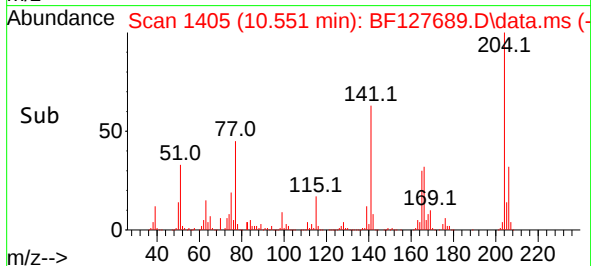
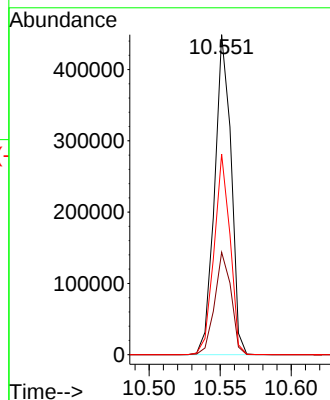
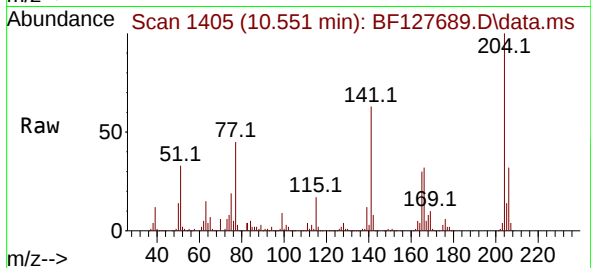




#61
4-Chlorophenyl-phenylether
Concen: 42.673 ng
RT: 10.551 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

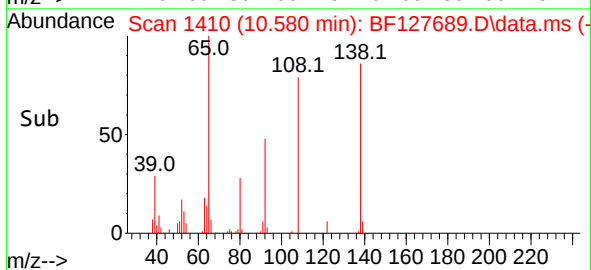
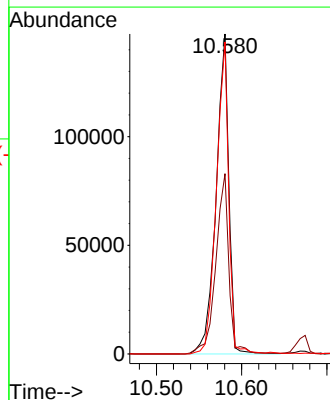
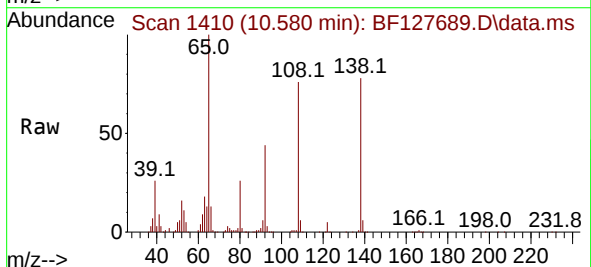
Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

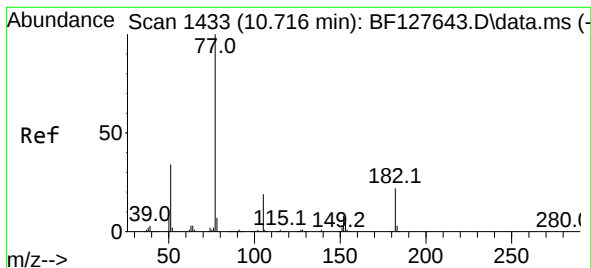
Tgt Ion:204 Resp: 362013
Ion Ratio Lower Upper
204 100
206 32.0 25.9 38.9
141 62.7 47.8 71.8



#62
4-Nitroaniline
Concen: 45.729 ng
RT: 10.580 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion:138 Resp: 152846
Ion Ratio Lower Upper
138 100
92 56.3 40.5 80.5
108 97.5 69.2 109.2





#63

Azobenzene

Concen: 40.259 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.000 min

Lab File: BF127689.D

Acq: 07 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

TW-E5MSD

Tgt Ion: 77 Resp: 767209

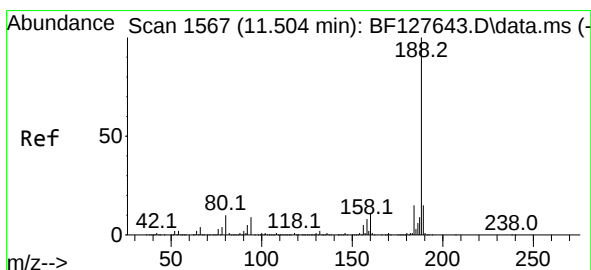
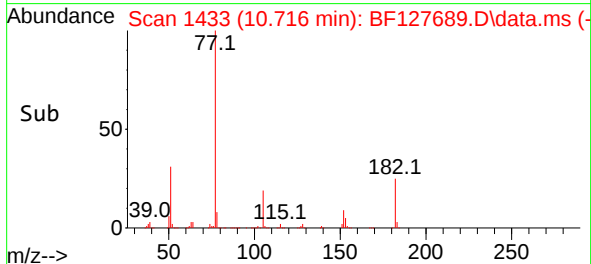
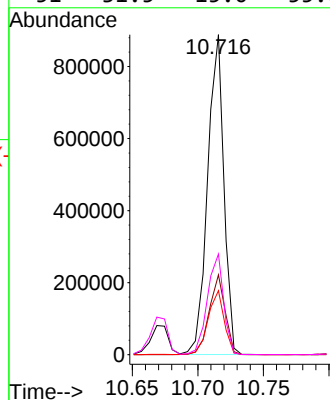
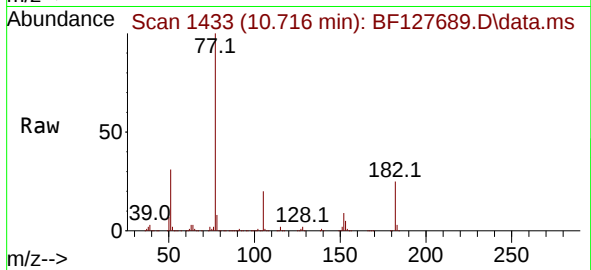
Ion Ratio Lower Upper

77 100

182 25.0 4.5 44.5

105 20.0 0.3 40.3

51 31.5 15.0 55.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1567

Delta R.T. -0.000 min

Lab File: BF127689.D

Acq: 07 Apr 2022 18:02

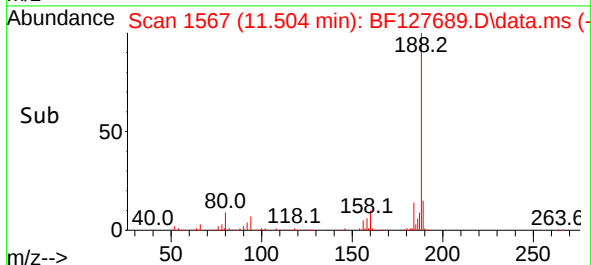
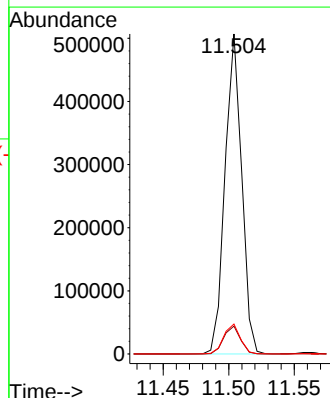
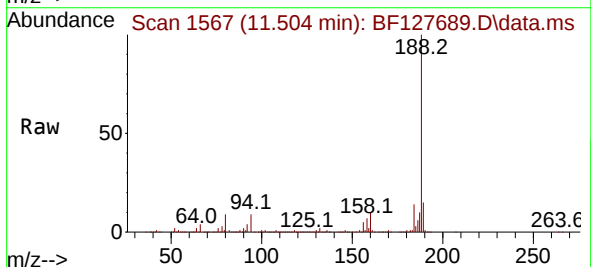
Tgt Ion: 188 Resp: 447292

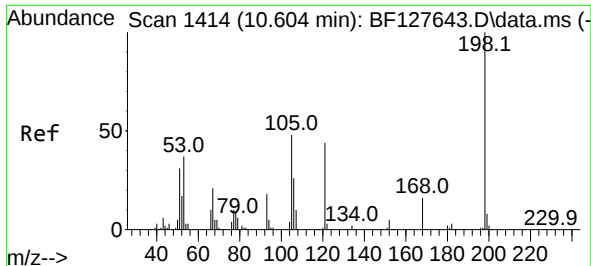
Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.0

80 9.4 8.0 12.0

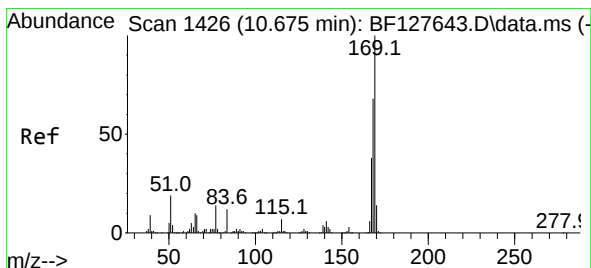
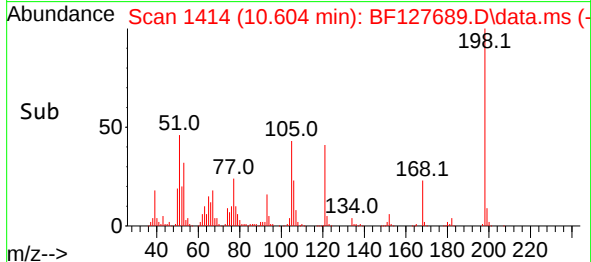
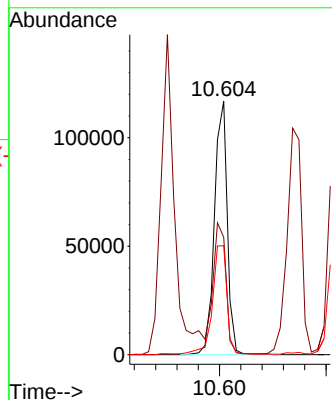
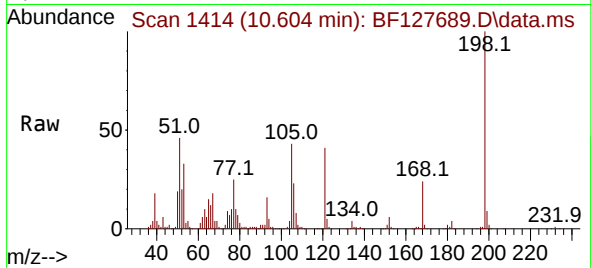




#65
4,6-Dinitro-2-methylphenol
Concen: 45.397 ng
RT: 10.604 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

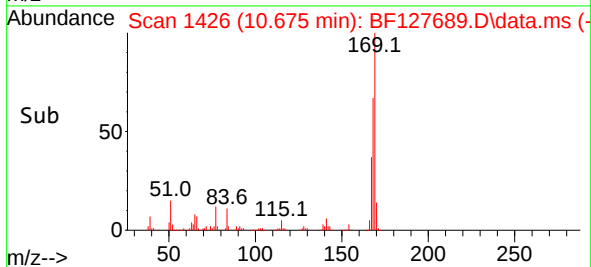
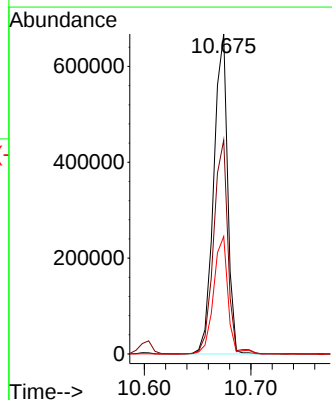
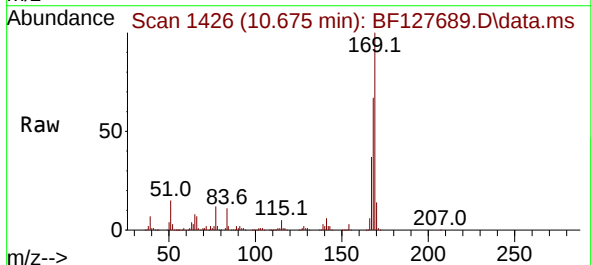
Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

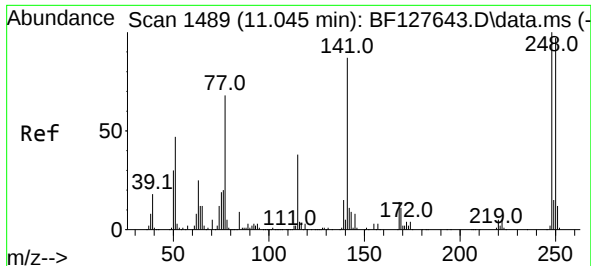
Tgt Ion:198 Resp: 98076
Ion Ratio Lower Upper
198 100
51 46.3 42.7 82.7
105 43.0 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 42.822 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion:169 Resp: 603245
Ion Ratio Lower Upper
169 100
168 66.8 52.7 79.1
167 36.7 28.9 43.3

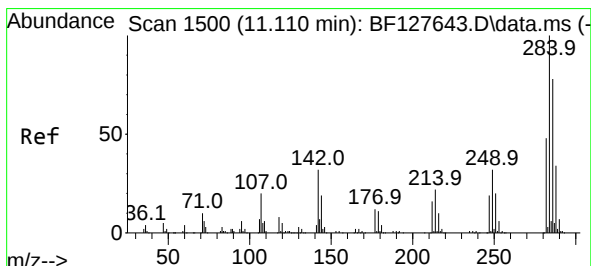
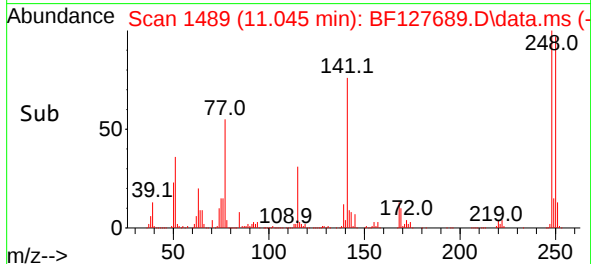
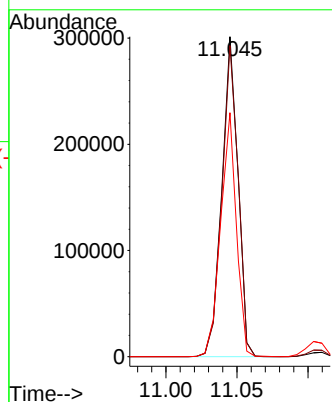
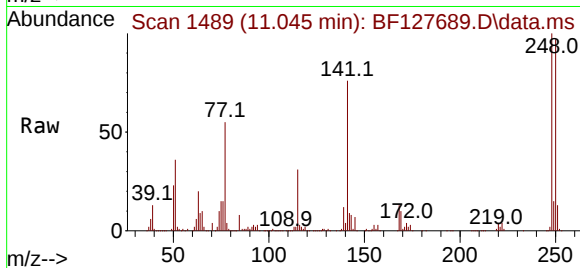




#67
4-Bromophenyl-phenylether
Concen: 43.735 ng
RT: 11.045 min Scan# 1489
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

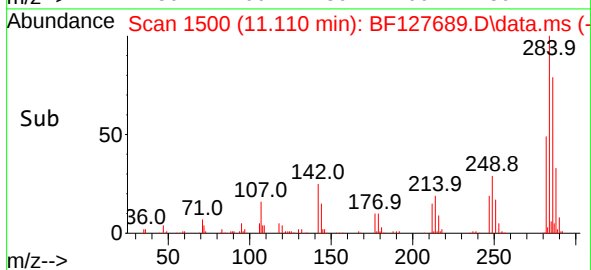
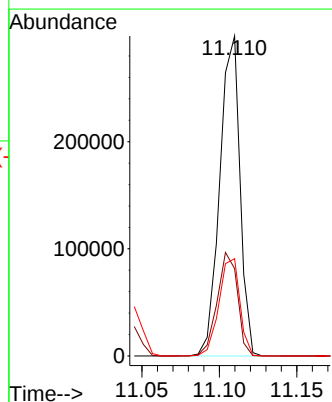
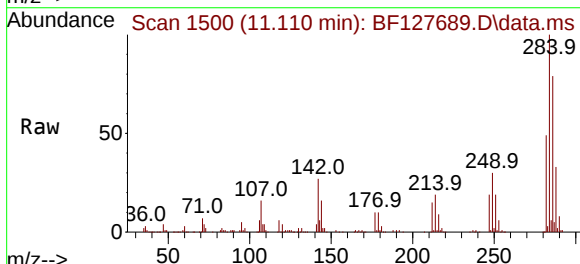
Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

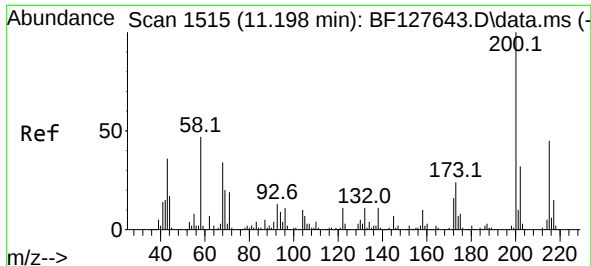
Tgt Ion:248 Resp: 237417
Ion Ratio Lower Upper
248 100
250 97.2 76.6 115.0
141 76.3 52.2 78.2



#68
Hexachlorobenzene
Concen: 45.613 ng
RT: 11.110 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion:284 Resp: 270676
Ion Ratio Lower Upper
284 100
142 27.3 23.8 35.8
249 30.4 23.9 35.9

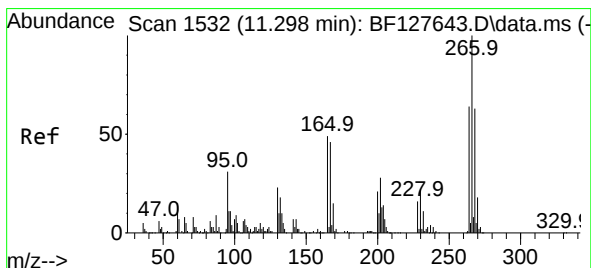
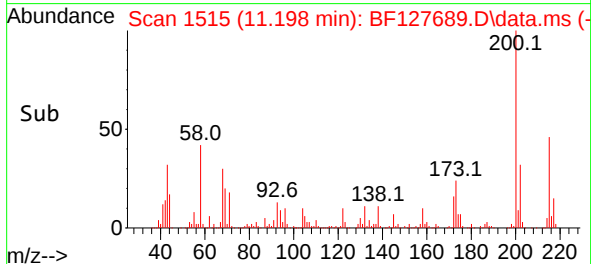
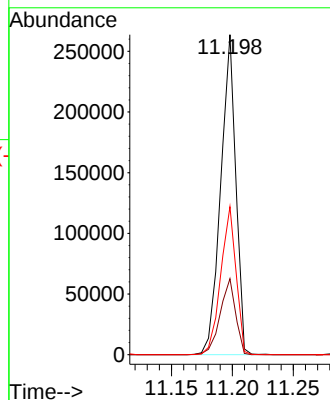
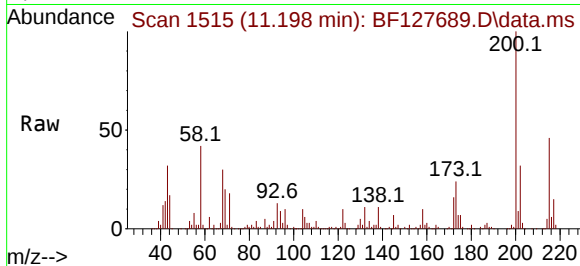




#69
 Atrazine
 Concen: 48.770 ng
 RT: 11.198 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127689.D
 Acq: 07 Apr 2022 18:02

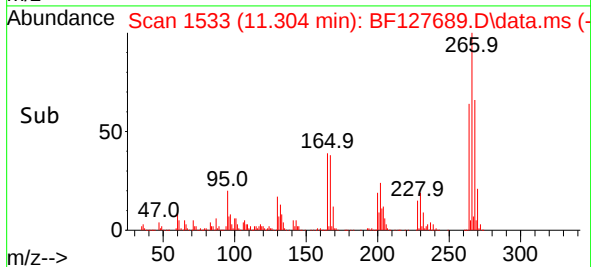
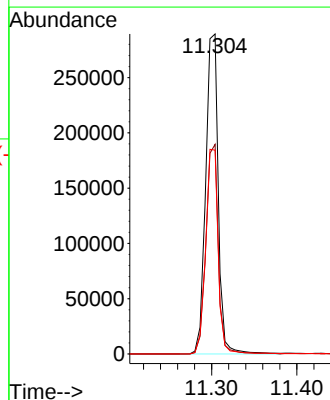
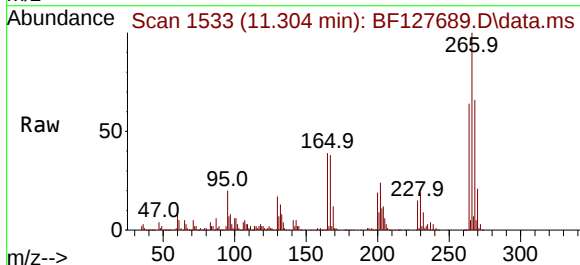
Instrument :
 BNA_F
 ClientSampleId :
 TW-E5MSD

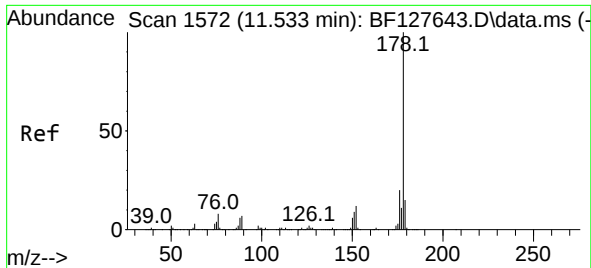
Tgt Ion:200 Resp: 228265
 Ion Ratio Lower Upper
 200 100
 173 23.7 2.9 42.9
 215 46.2 28.0 68.0



#70
 Pentachlorophenol
 Concen: 83.728 ng
 RT: 11.304 min Scan# 1533
 Delta R.T. 0.006 min
 Lab File: BF127689.D
 Acq: 07 Apr 2022 18:02

Tgt Ion:266 Resp: 296750
 Ion Ratio Lower Upper
 266 100
 268 65.5 50.4 75.6
 264 63.7 48.5 72.7

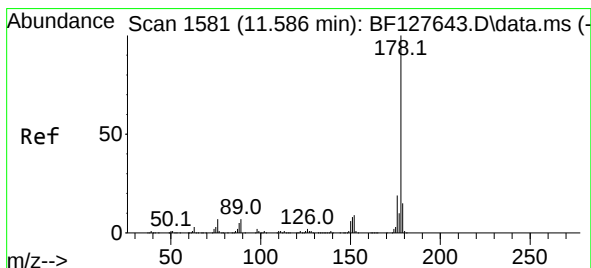
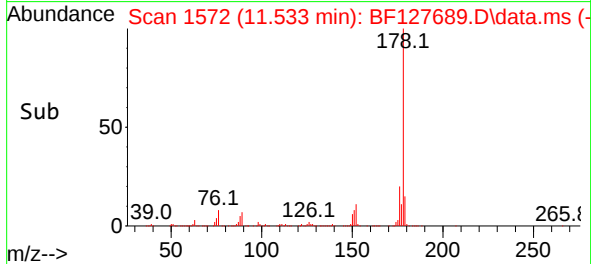
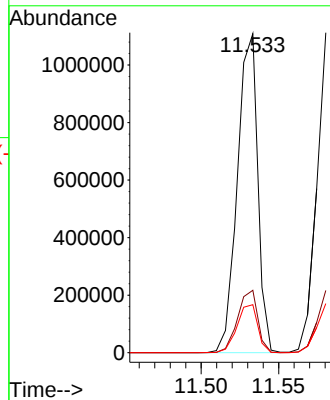
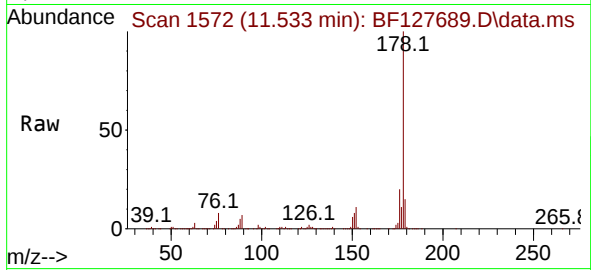




#71
Phenanthrene
Concen: 42.797 ng
RT: 11.533 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

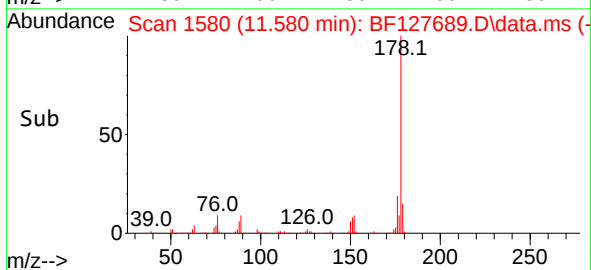
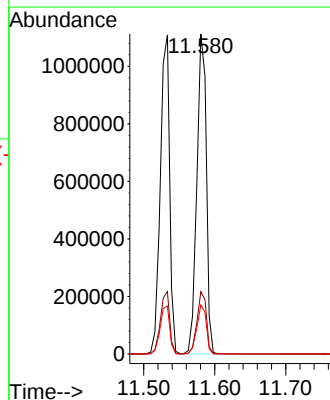
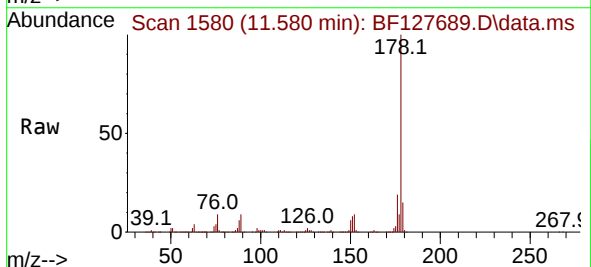
Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

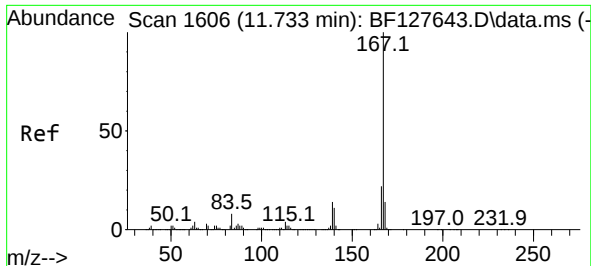
Tgt Ion:178 Resp: 1014238
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.0 12.4 18.6



#72
Anthracene
Concen: 44.275 ng
RT: 11.580 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion:178 Resp: 1037915
Ion Ratio Lower Upper
178 100
176 19.4 14.6 22.0
179 15.4 12.4 18.6

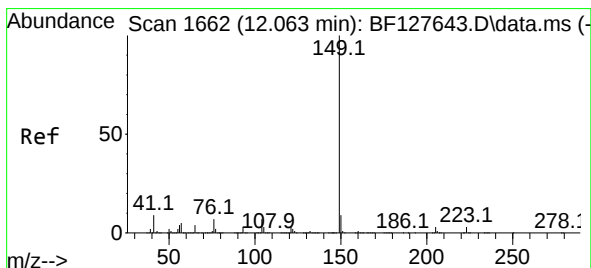
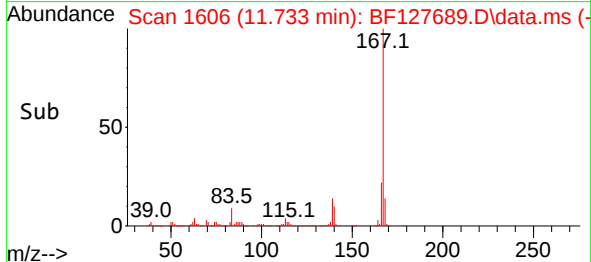
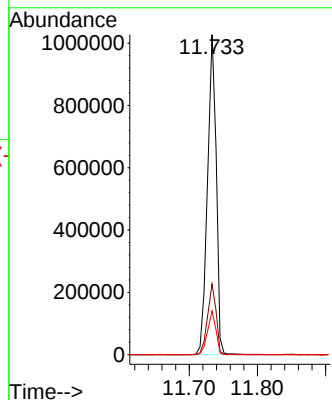
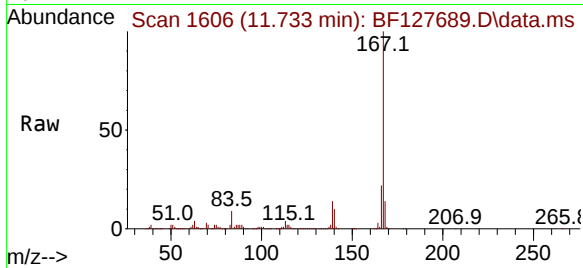




#73
 Carbazole
 Concen: 41.798 ng
 RT: 11.733 min Scan# 1606
 Delta R.T. -0.000 min
 Lab File: BF127689.D
 Acq: 07 Apr 2022 18:02

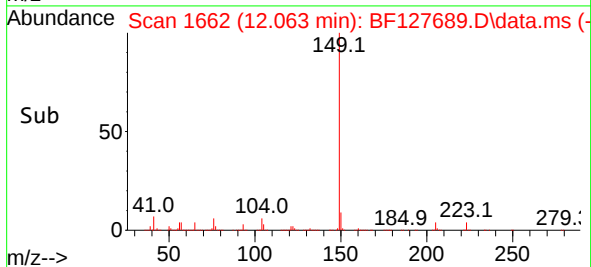
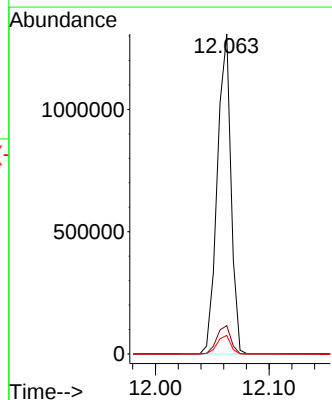
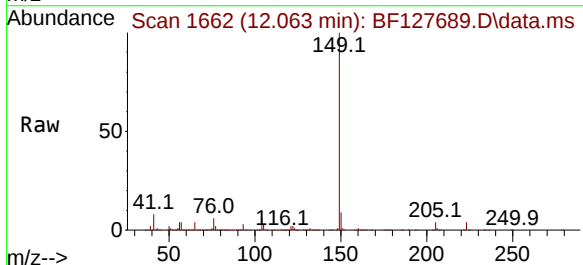
Instrument :
 BNA_F
 ClientSampleId :
 TW-E5MSD

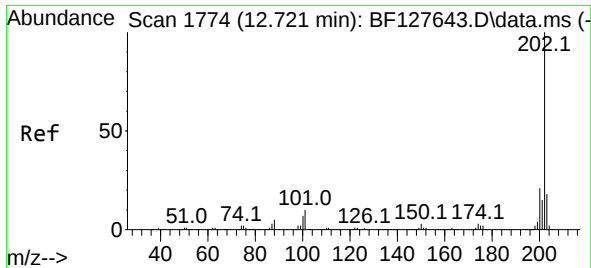
Tgt Ion:167 Resp: 918141
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.0 25.4
 139 13.6 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 41.724 ng
 RT: 12.063 min Scan# 1662
 Delta R.T. -0.000 min
 Lab File: BF127689.D
 Acq: 07 Apr 2022 18:02

Tgt Ion:149 Resp: 1095637
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.5 11.3
 104 5.8 4.2 6.2

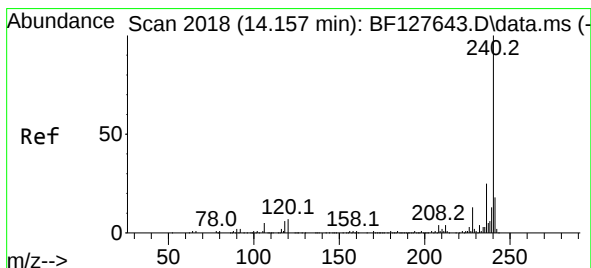
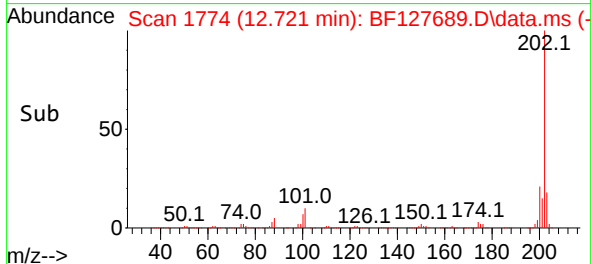
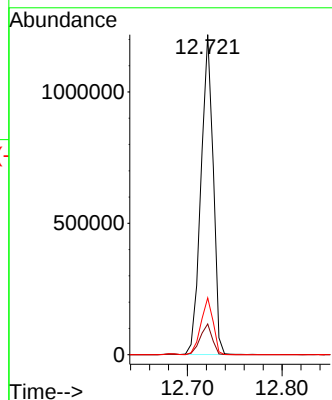
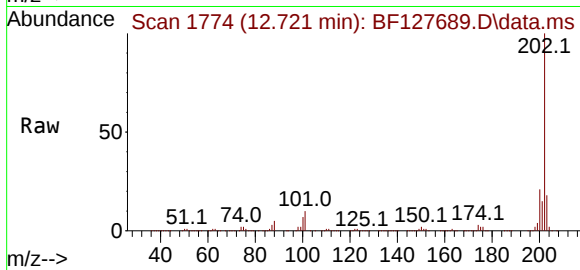




#75
Fluoranthene
Concen: 42.154 ng
RT: 12.721 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

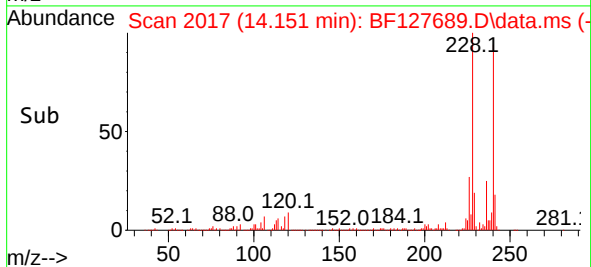
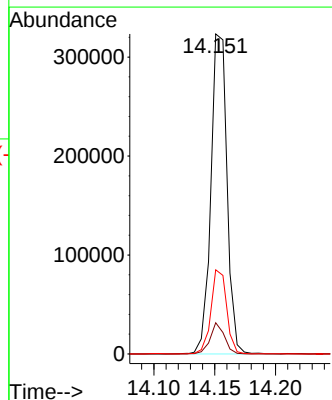
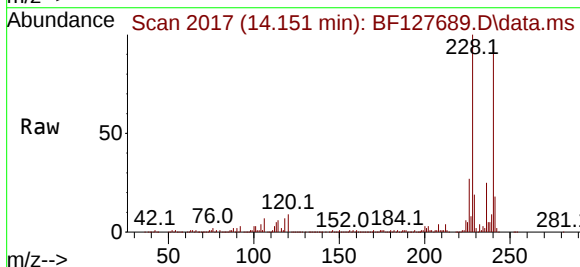
Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

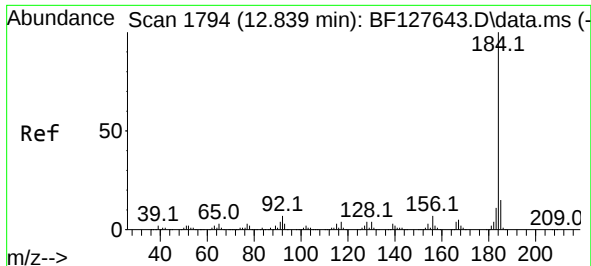
Tgt Ion:202 Resp: 1090149
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.0
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion:240 Resp: 298712
Ion Ratio Lower Upper
240 100
120 9.8 7.1 10.7
236 26.3 20.7 31.1

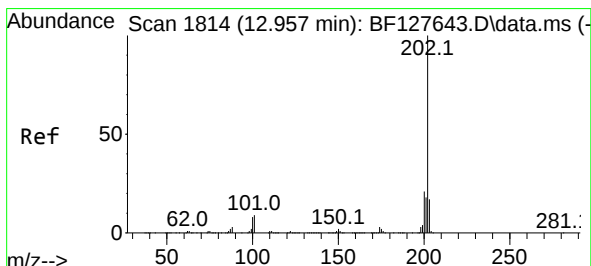
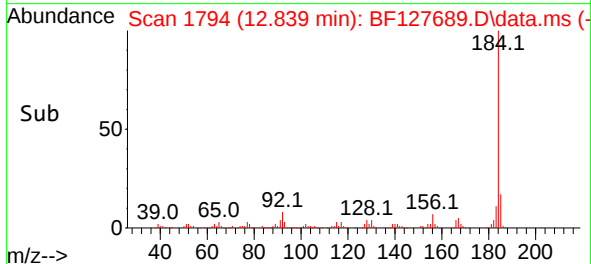
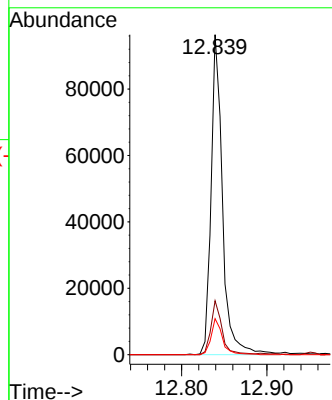
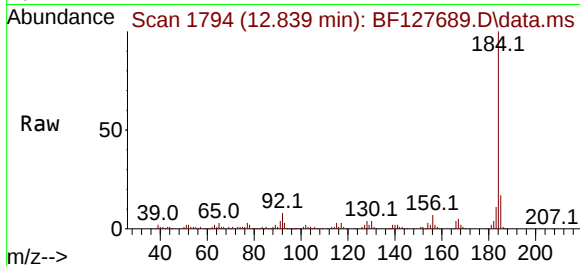




#77
Benzidine
Concen: 11.525 ng
RT: 12.839 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

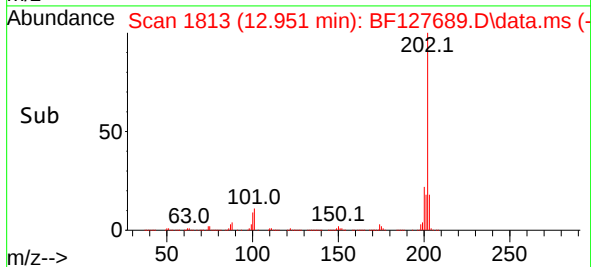
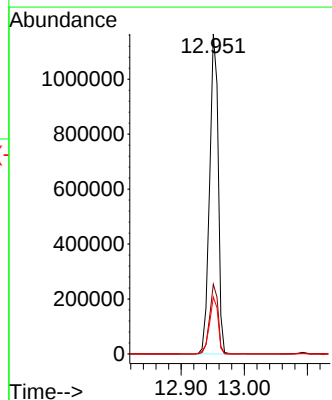
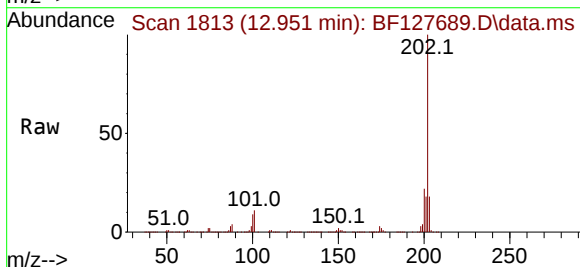
Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

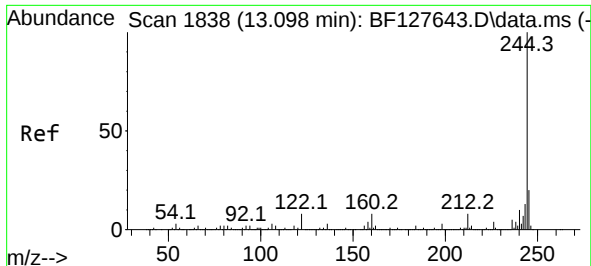
Tgt Ion:184 Resp: 89859
Ion Ratio Lower Upper
184 100
185 16.9 12.2 18.2
183 11.3 9.4 14.0



#78
Pyrene
Concen: 43.558 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion:202 Resp: 1098720
Ion Ratio Lower Upper
202 100
200 21.8 17.1 25.7
203 17.8 14.3 21.5

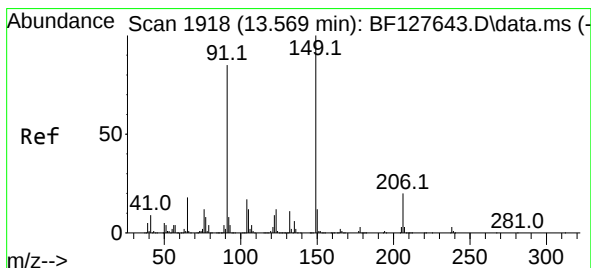
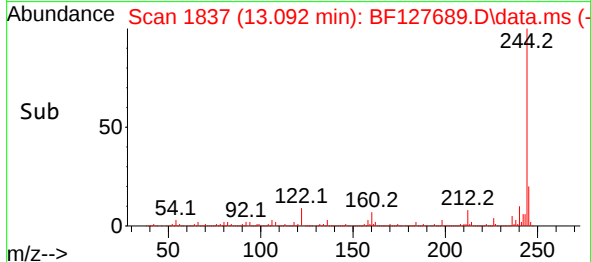
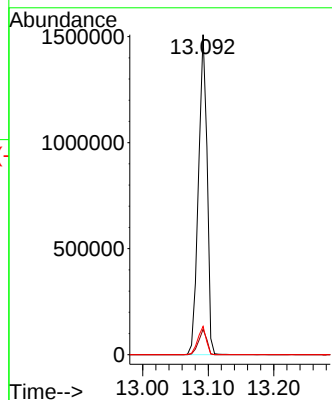
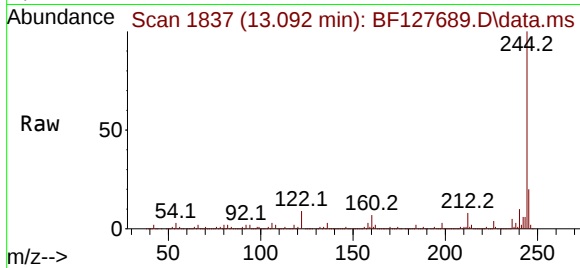




#79
 Terphenyl-d14
 Concen: 76.507 ng
 RT: 13.092 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF127689.D
 Acq: 07 Apr 2022 18:02

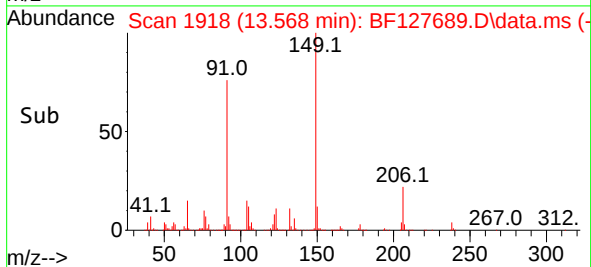
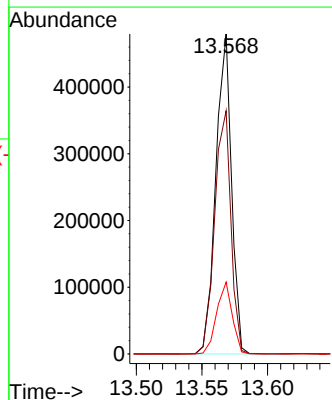
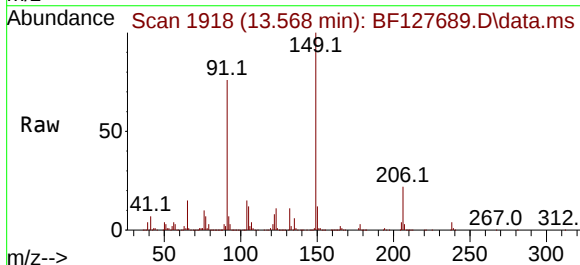
Instrument :
 BNA_F
 ClientSampleId :
 TW-E5MSD

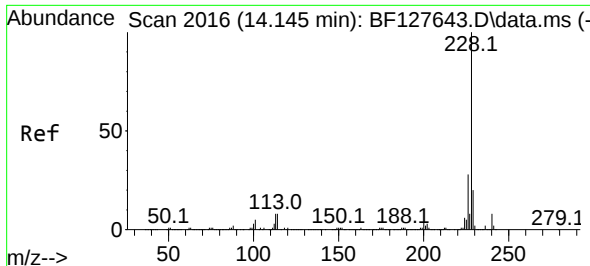
Tgt Ion:244 Resp: 1384552
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 8.8 6.2 9.2



#80
 Butylbenzylphthalate
 Concen: 42.431 ng
 RT: 13.568 min Scan# 1918
 Delta R.T. -0.000 min
 Lab File: BF127689.D
 Acq: 07 Apr 2022 18:02

Tgt Ion:149 Resp: 398502
 Ion Ratio Lower Upper
 149 100
 91 76.0 69.1 103.7
 206 22.4 17.7 26.5

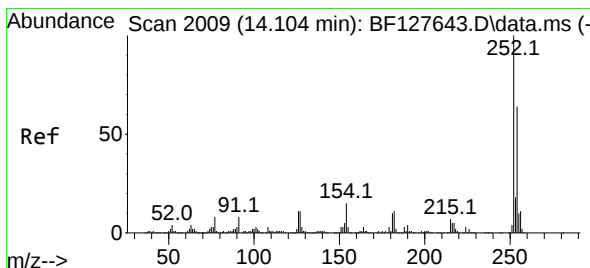
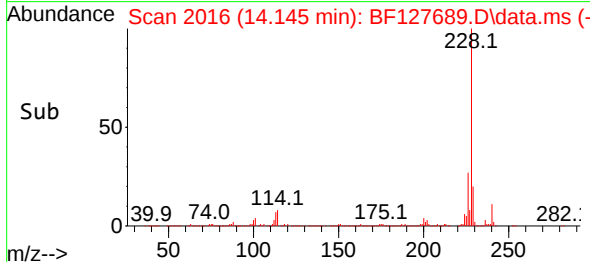
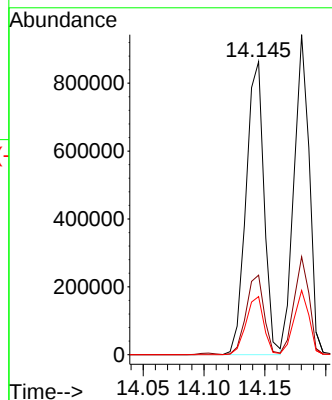
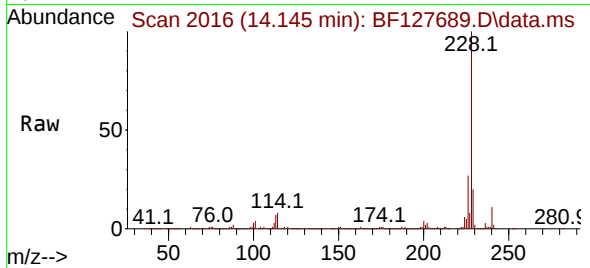




#81
Benzo(a)anthracene
Concen: 44.696 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

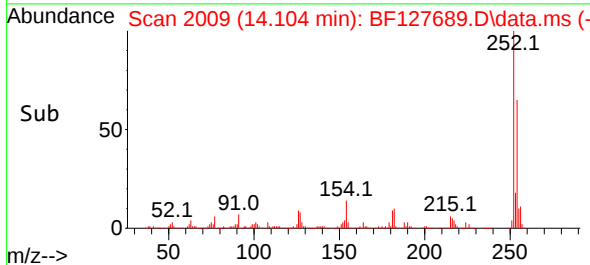
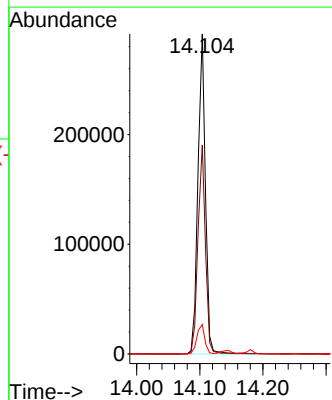
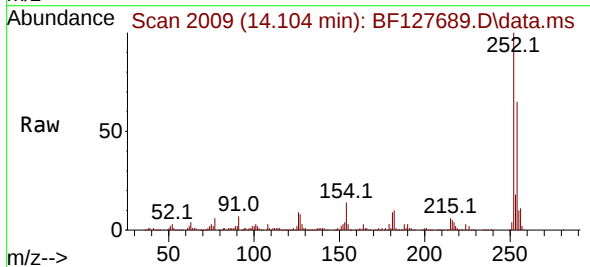
Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

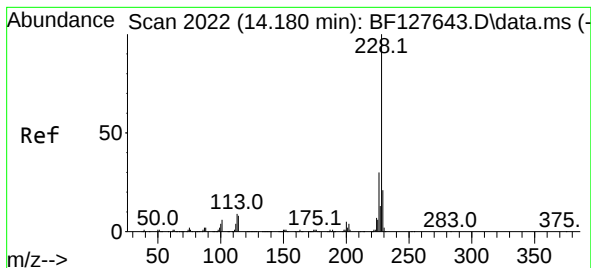
Tgt Ion:228 Resp: 891713
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 19.8 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 38.435 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion:252 Resp: 239057
Ion Ratio Lower Upper
252 100
254 65.3 50.2 75.4
126 9.2 8.7 13.1





#83

Chrysene

Concen: 42.840 ng

RT: 14.180 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF127689.D

Acq: 07 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

TW-E5MSD

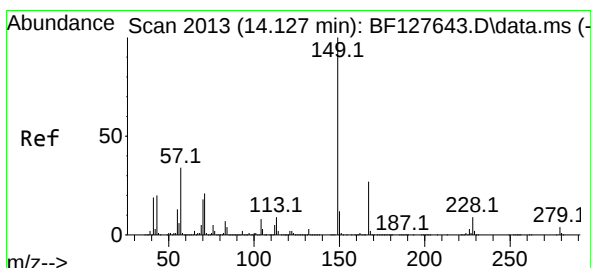
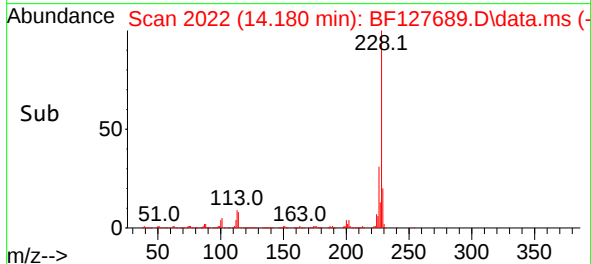
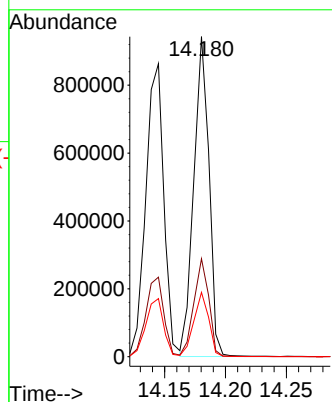
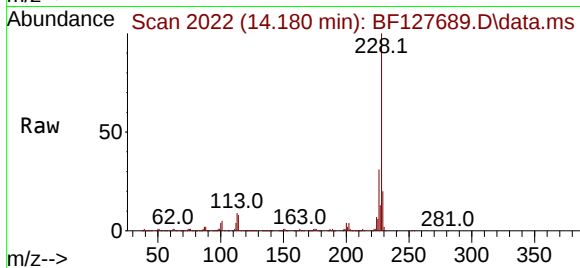
Tgt Ion:228 Resp: 820430

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.4

229 20.1 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.168 ng

RT: 14.127 min Scan# 2013

Delta R.T. -0.000 min

Lab File: BF127689.D

Acq: 07 Apr 2022 18:02

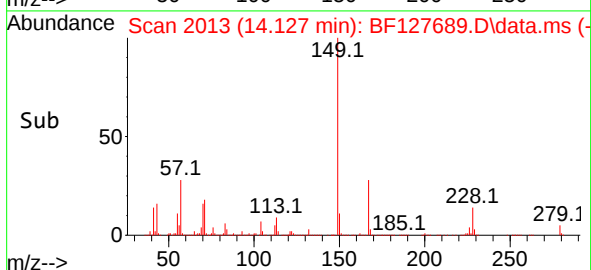
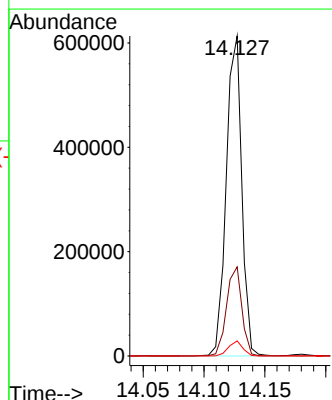
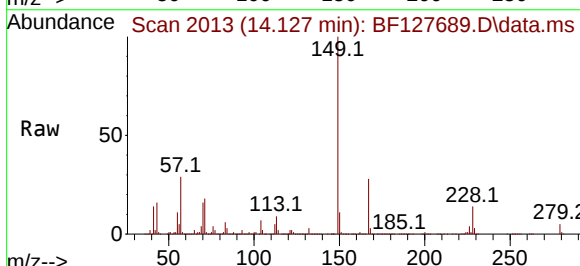
Tgt Ion:149 Resp: 544986

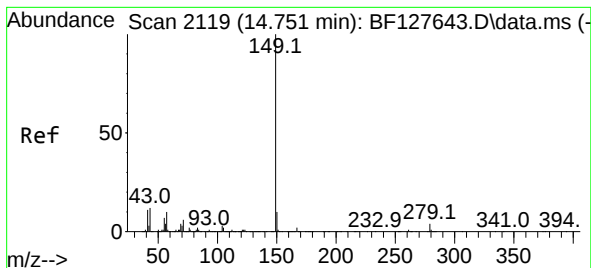
Ion Ratio Lower Upper

149 100

167 27.8 22.9 34.3

279 4.7 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 43.629 ng

RT: 14.751 min Scan# 2119

Delta R.T. -0.000 min

Lab File: BF127689.D

Acq: 07 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

TW-E5MSD

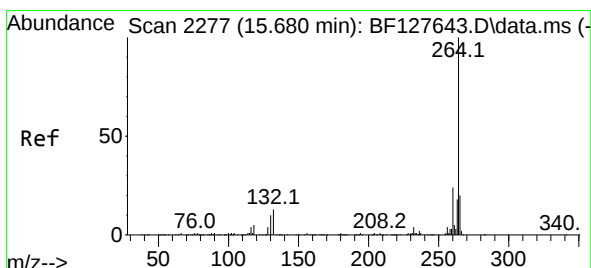
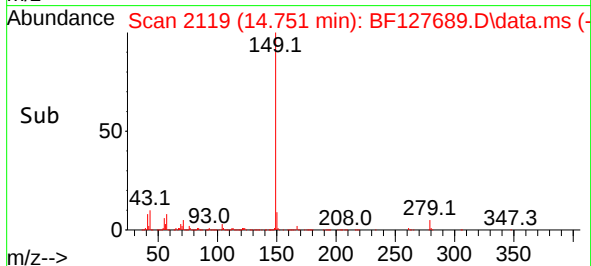
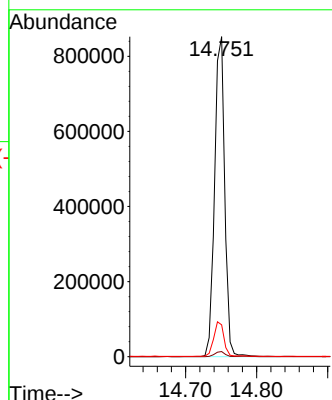
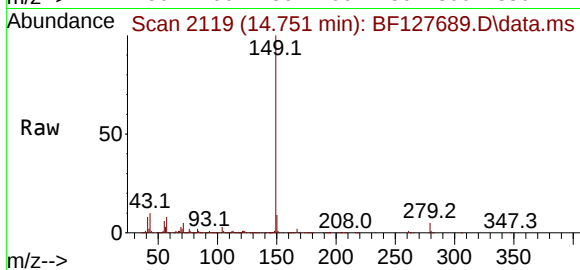
Tgt Ion:149 Resp: 844506

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.0 11.0 16.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.674 min Scan# 2276

Delta R.T. -0.006 min

Lab File: BF127689.D

Acq: 07 Apr 2022 18:02

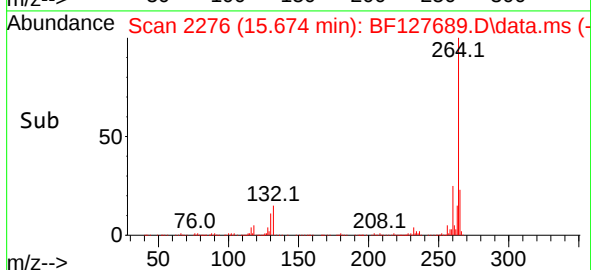
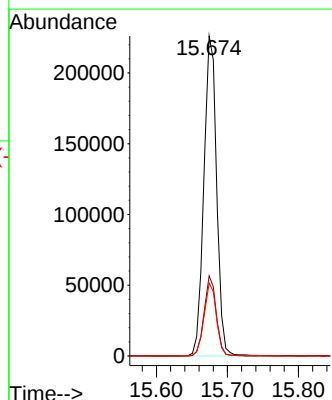
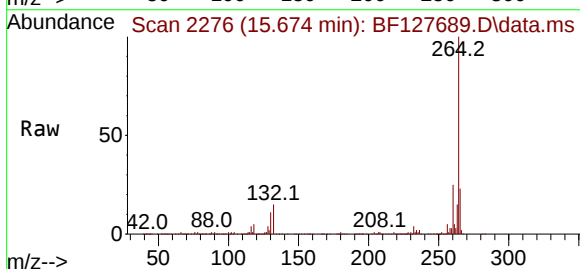
Tgt Ion:264 Resp: 283160

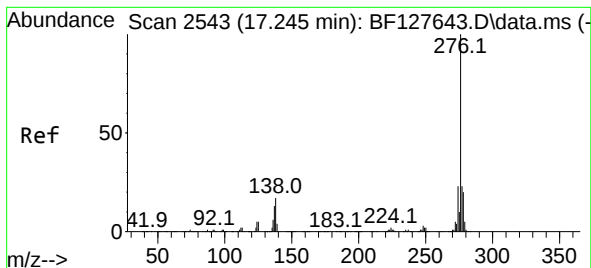
Ion Ratio Lower Upper

264 100

260 25.1 19.1 28.7

265 22.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.550 ng

RT: 17.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF127689.D

Acq: 07 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

TW-E5MSD

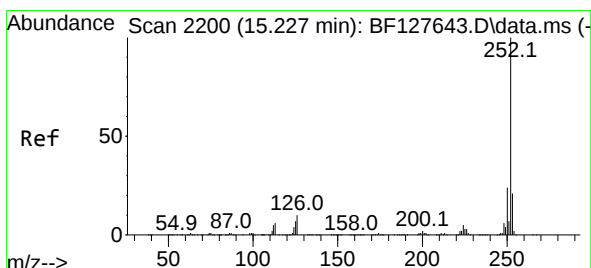
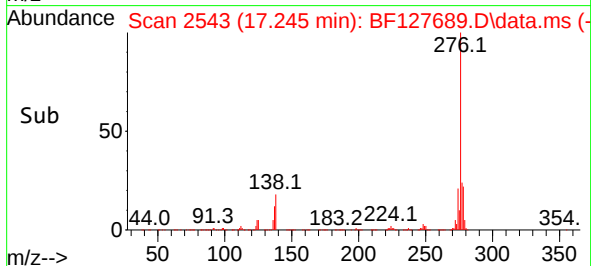
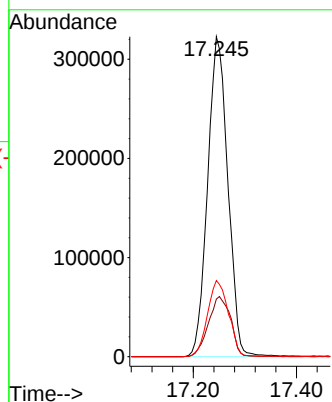
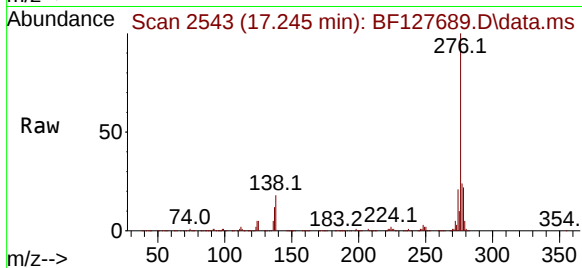
Tgt Ion:276 Resp: 876628

Ion Ratio Lower Upper

276 100

138 20.7 17.1 25.7

277 24.8 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 45.399 ng

RT: 15.227 min Scan# 2200

Delta R.T. -0.000 min

Lab File: BF127689.D

Acq: 07 Apr 2022 18:02

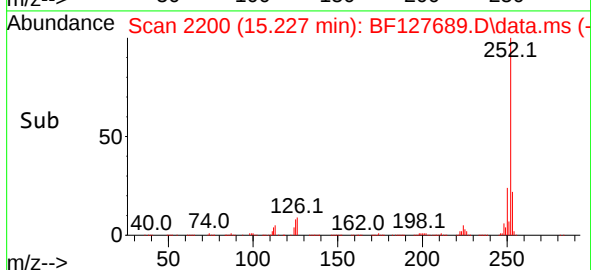
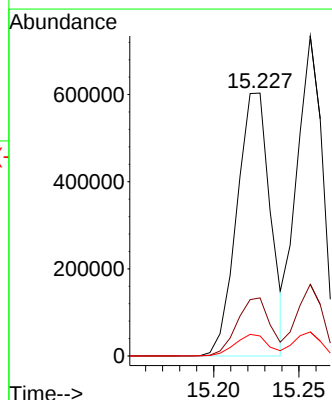
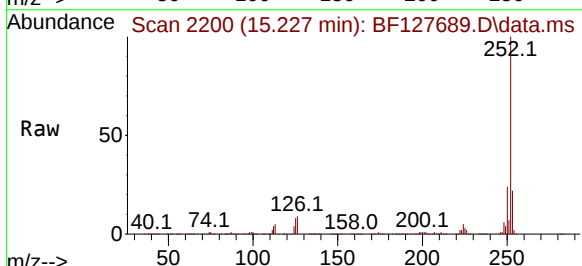
Tgt Ion:252 Resp: 826967

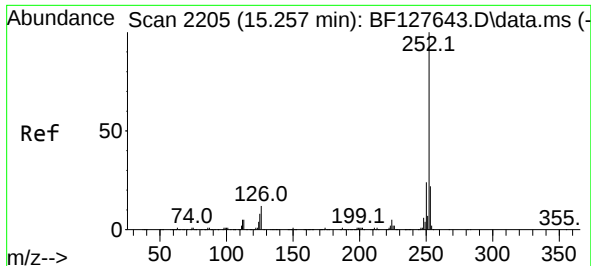
Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 7.6 7.0 10.4

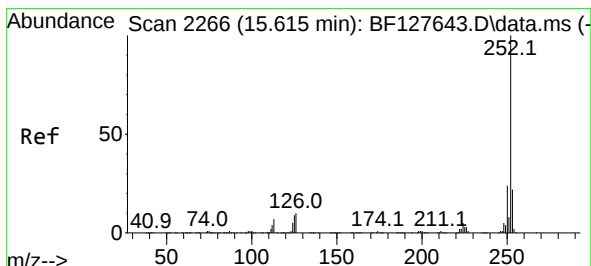
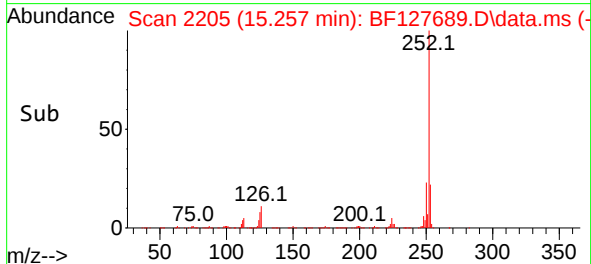
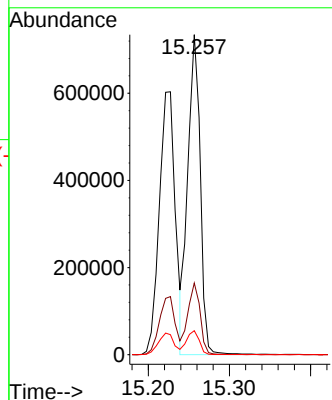
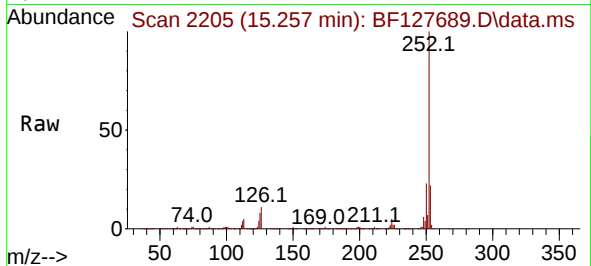




#89
Benzo(k)fluoranthene
Concen: 43.365 ng
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

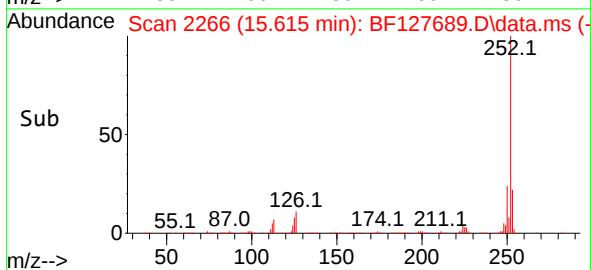
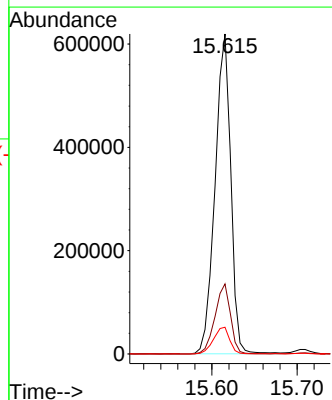
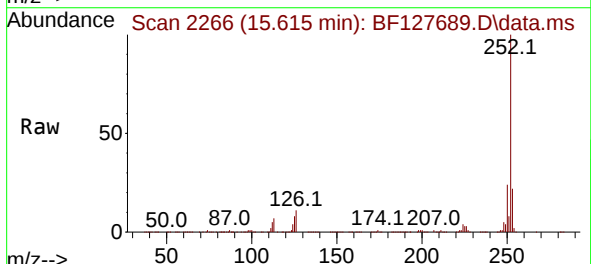
Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

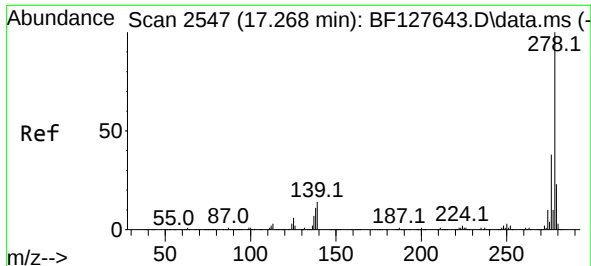
Tgt Ion:252 Resp: 783451
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 7.5 6.9 10.3



#90
Benzo(a)pyrene
Concen: 53.547 ng
RT: 15.615 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion:252 Resp: 792800
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 8.3 6.7 10.1

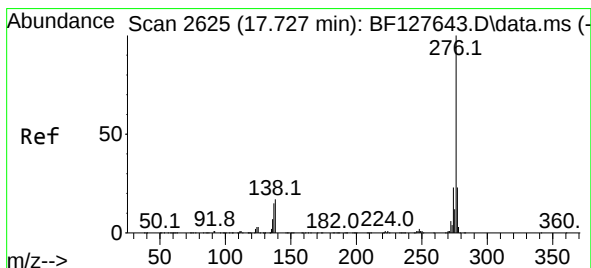
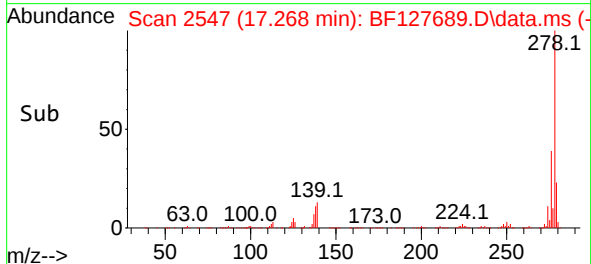
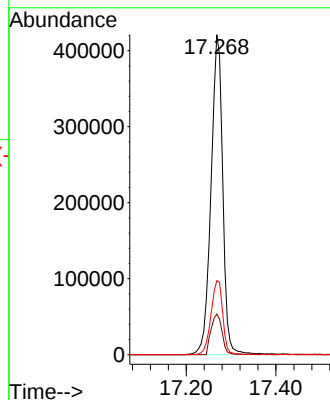
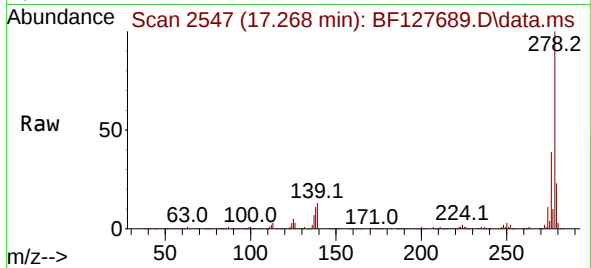




#91
Dibenzo(a,h)anthracene
Concen: 53.382 ng
RT: 17.268 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Instrument :
BNA_F
ClientSampleId :
TW-E5MSD

Tgt Ion:278 Resp: 765191
Ion Ratio Lower Upper
278 100
139 12.7 10.8 16.2
279 23.1 17.7 26.5



#92
Benzo(g,h,i)perylene
Concen: 52.118 ng
RT: 17.727 min Scan# 2625
Delta R.T. -0.000 min
Lab File: BF127689.D
Acq: 07 Apr 2022 18:02

Tgt Ion:276 Resp: 765890
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 17.4 14.6 22.0

