

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031622\
 Data File : BF127349.D
 Acq On : 16 Mar 2022 14:39
 Operator : CG\JU
 Sample : PB143388BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143388BS

Quant Time: Mar 17 02:35:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	93358	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	335724	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	204688	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	372148	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	342709	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	264944	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	692592	119.260	ng	0.02
7) Phenol-d6	6.510	99	938055	117.418	ng	0.00
23) Nitrobenzene-d5	7.439	82	682517	83.958	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	288741	131.040	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1271781	87.843	ng	0.00
79) Terphenyl-d14	12.992	244	1408885	70.790	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.816	88	120732	40.095	ng	# 80
3) Pyridine	3.563	79	330158	41.203	ng	# 78
4) n-Nitrosodimethylamine	3.534	42	229829	51.768	ng	# 66
6) Aniline	6.534	93	320162	33.534	ng	# 88
8) 2-Chlorophenol	6.657	128	259987	43.275	ng	93
9) Benzaldehyde	6.422	77	172892	41.699	ng	90
10) Phenol	6.522	94	348433	39.703	ng	# 65
11) bis(2-Chloroethyl)ether	6.610	93	274907	42.182	ng	92
12) 1,3-Dichlorobenzene	6.810	146	282028	41.820	ng	98
13) 1,4-Dichlorobenzene	6.886	146	289463	42.785	ng	99
14) 1,2-Dichlorobenzene	7.034	146	283956	44.595	ng	98
15) Benzyl Alcohol	7.016	79	269921	45.077	ng	# 89
16) 2,2'-oxybis(1-Chloropr...	7.139	45	508055	41.541	ng	96
17) 2-Methylphenol	7.128	107	224993	44.052	ng	# 82
18) Hexachloroethane	7.375	117	115507	44.445	ng	# 76
19) n-Nitroso-di-n-propyla...	7.286	70	220984	44.326	ng	# 86
20) 3+4-Methylphenols	7.281	107	271461	40.983	ng	# 86
22) Acetophenone	7.281	105	379195	41.253	ng	# 78
24) Nitrobenzene	7.457	77	339562	44.163	ng	# 91
25) Isophorone	7.692	82	630874	48.263	ng	# 97
26) 2-Nitrophenol	7.769	139	140660	44.175	ng	# 63
27) 2,4-Dimethylphenol	7.804	122	258531	54.087	ng	87
28) bis(2-Chloroethoxy)met...	7.898	93	356831	43.082	ng	99
29) 2,4-Dichlorophenol	8.016	162	247242	45.166	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	271299	43.473	ng	97
31) Naphthalene	8.175	128	770256	43.010	ng	100
32) Benzoic acid	7.963	122	134511	41.523	ng	86
33) 4-Chloroaniline	8.228	127	164669	23.722	ng	93
34) Hexachlorobutadiene	8.281	225	187113	44.962	ng	97
35) Caprolactam	8.569	113	3275	2.003	ng	89
36) 4-Chloro-3-methylphenol	8.716	107	280814	47.331	ng	99
37) 2-Methylnaphthalene	8.869	142	518582	44.316	ng	96
38) 1-Methylnaphthalene	8.969	142	526267	46.780	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	287809	44.416	ng	# 96
41) Hexachlorocyclopentadiene	9.010	237	329473	118.745	ng	95
43) 2,4,6-Trichlorophenol	9.145	196	180510	44.138	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	191796	44.188	ng	91
46) 1,1'-Biphenyl	9.333	154	700791	45.363	ng	97
47) 2-Chloronaphthalene	9.357	162	532624	44.290	ng	99
48) 2-Nitroaniline	9.463	65	196989	42.574	ng	87
49) Acenaphthylene	9.775	152	812200	44.133	ng	99
50) Dimethylphthalate	9.639	163	626155	42.691	ng	# 99
51) 2,6-Dinitrotoluene	9.704	165	132892	44.791	ng	# 81
52) Acenaphthene	9.951	154	454545	41.435	ng	96
53) 3-Nitroaniline	9.875	138	88835	27.476	ng	90
54) 2,4-Dinitrophenol	9.992	184	134171	81.961	ng	92
55) Dibenzofuran	10.122	168	710415	41.685	ng	96
56) 4-Nitrophenol	10.051	139	165320	84.126	ng	# 55
57) 2,4-Dinitrotoluene	10.116	165	177833	45.556	ng	# 89
58) Fluorene	10.463	166	554003	41.922	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	166606	46.189	ng	# 75
60) Diethylphthalate	10.339	149	565206	42.246	ng	97
61) 4-Chlorophenyl-phenyle...	10.451	204	305051	42.595	ng	92
62) 4-Nitroaniline	10.504	138	109051	33.848	ng	# 70
63) Azobenzene	10.616	77	607163	39.480	ng	86
65) 4,6-Dinitro-2-methylph...	10.527	198	90739	39.546	ng	89
66) n-Nitrosodiphenylamine	10.580	169	466582	40.369	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	190405	42.444	ng	95
68) Hexachlorobenzene	11.010	284	217022	44.389	ng	90
69) Atrazine	11.104	200	186713	46.815	ng	94
70) Pentachlorophenol	11.210	266	194717	98.642	ng	98
71) Phenanthrene	11.433	178	810406	41.252	ng	100
72) Anthracene	11.486	178	830986	42.712	ng	99
73) Carbazole	11.639	167	713174	38.926	ng	98
74) Di-n-butylphthalate	11.957	149	896462	41.834	ng	99
75) Fluoranthene	12.621	202	896406	40.810	ng	91
77) Benzidine	12.745	184	404958	46.466	ng	97
78) Pyrene	12.851	202	913889	34.236	ng	99
80) Butylbenzylphthalate	13.463	149	366905	35.715	ng	# 92
81) Benzo(a)anthracene	14.045	228	982841	42.592	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	179481	25.015	ng	# 95
83) Chrysene	14.080	228	887141	41.334	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	621310	44.927	ng	# 96
85) Di-n-octyl phthalate	14.627	149	1004462	47.989	ng	96
87) Indeno(1,2,3-cd)pyrene	17.045	276	609877	38.211	ng	# 85
88) Benzo(b)fluoranthene	15.104	252	791424	45.508	ng	# 92
89) Benzo(k)fluoranthene	15.133	252	751792	45.975	ng	# 93
90) Benzo(a)pyrene	15.480	252	707768	51.682	ng	# 92
91) Dibenzo(a,h)anthracene	17.062	278	542427	40.834	ng	# 88
92) Benzo(g,h,i)perylene	17.509	276	512060	39.518	ng	# 84

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

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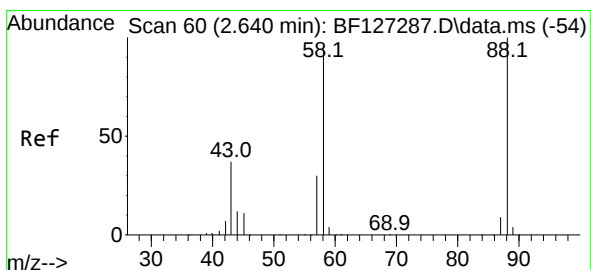
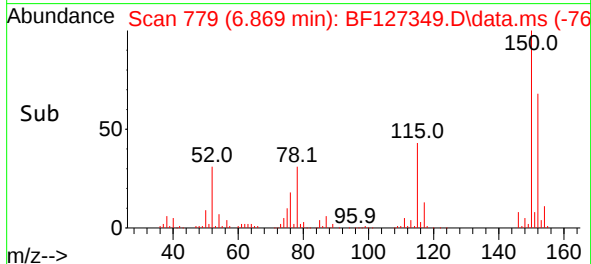
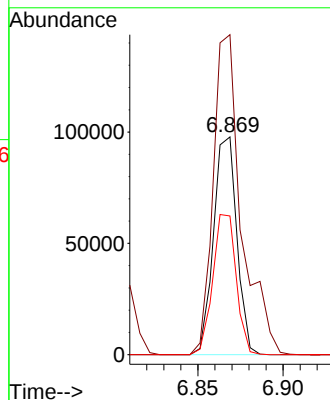
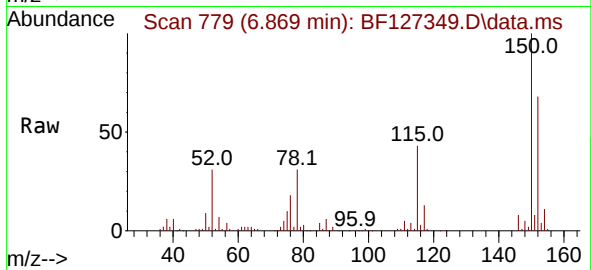




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF127349.D
 Acq: 16 Mar 2022 14:39

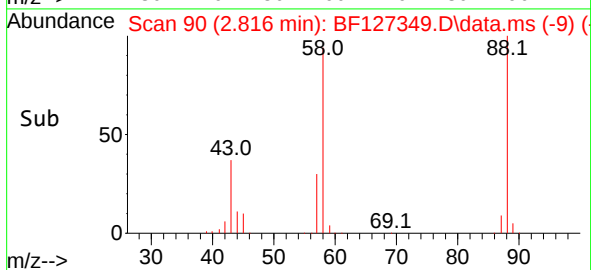
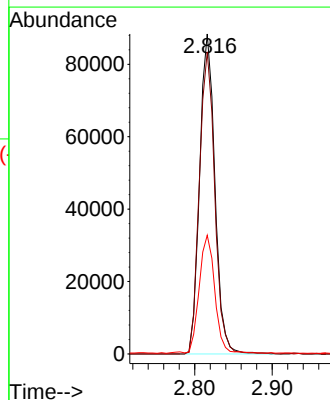
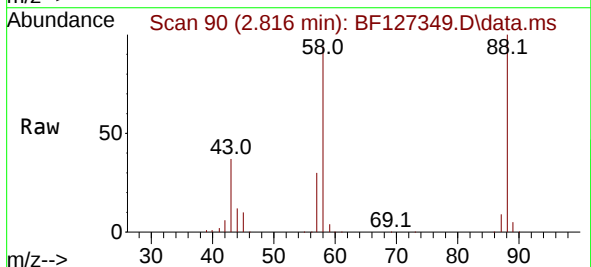
Instrument :
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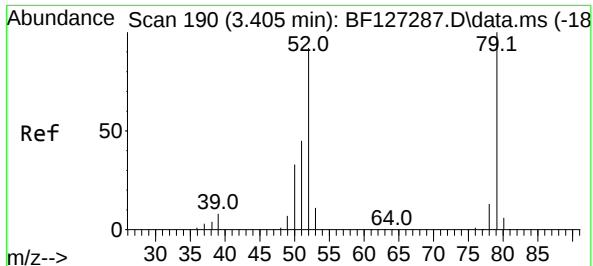
Tgt Ion:152 Resp: 93358
 Ion Ratio Lower Upper
 152 100
 150 147.0 128.1 192.1
 115 63.7 56.7 85.1



#2
 1,4-Dioxane
 Concen: 40.095 ng
 RT: 2.816 min Scan# 90
 Delta R.T. 0.176 min
 Lab File: BF127349.D
 Acq: 16 Mar 2022 14:39

Tgt Ion: 88 Resp: 120732
 Ion Ratio Lower Upper
 88 100
 58 95.7 62.8 94.2#
 43 38.1 22.3 33.5#





#3

Pyridine

Concen: 41.203 ng

RT: 3.563 min Scan# 217

Delta R.T. 0.159 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

Instrument :

BNA_F

ClientSampleId :

PB143388BS

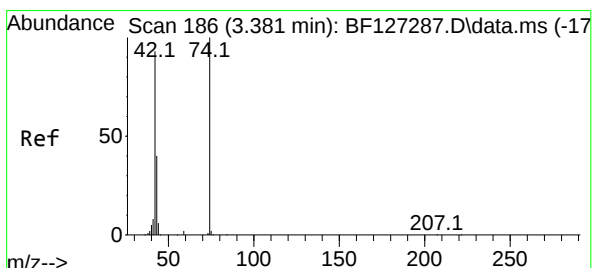
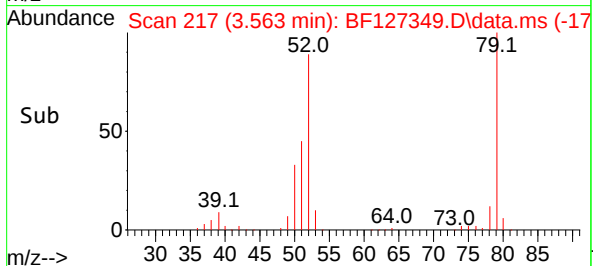
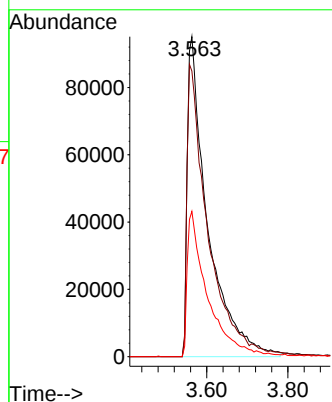
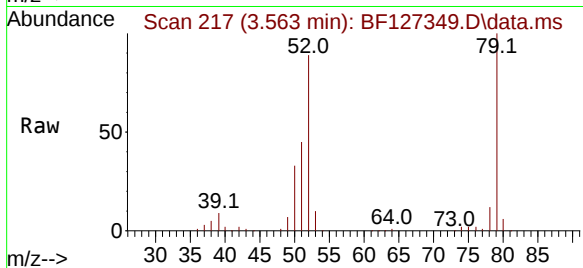
Tgt Ion: 79 Resp: 330158

Ion Ratio Lower Upper

79 100

52 89.3 56.2 84.4#

51 45.4 26.7 40.1#



#4

n-Nitrosodimethylamine

Concen: 51.768 ng

RT: 3.534 min Scan# 212

Delta R.T. 0.153 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

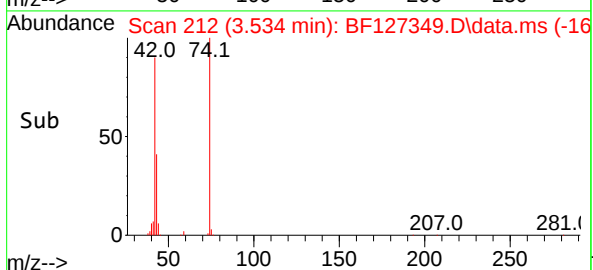
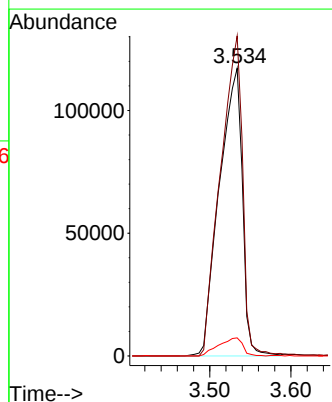
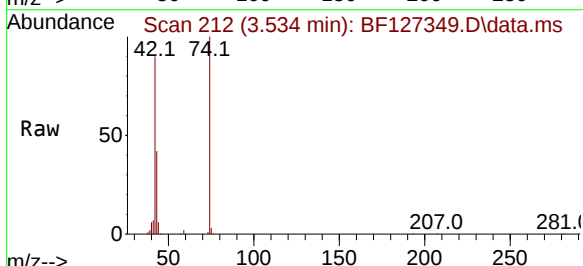
Tgt Ion: 42 Resp: 229829

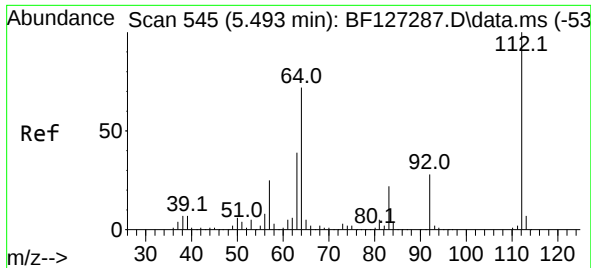
Ion Ratio Lower Upper

42 100

74 111.3 125.6 188.4#

44 6.3 5.7 8.5

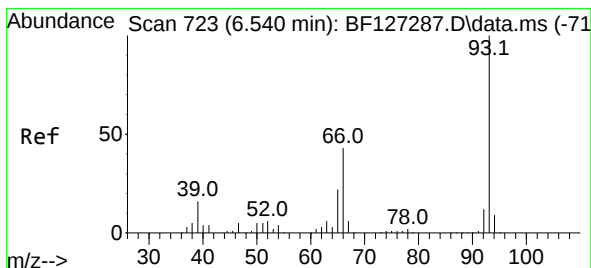
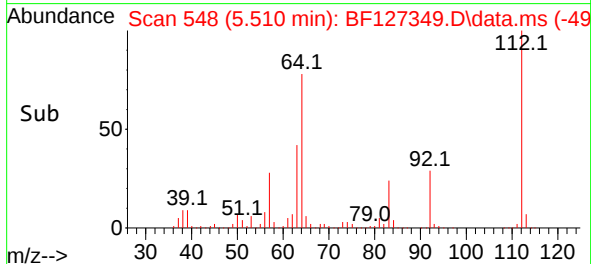
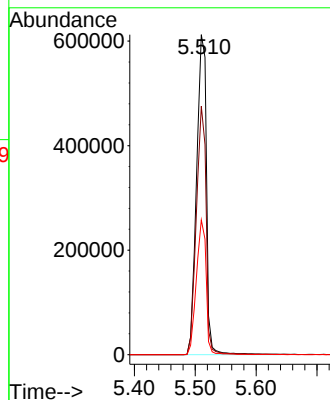
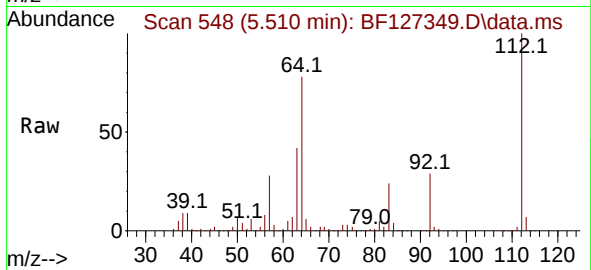




#5
2-Fluorophenol
Concen: 119.260 ng
RT: 5.510 min Scan# 54
Delta R.T. 0.017 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

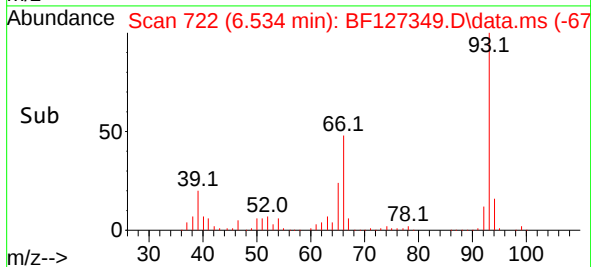
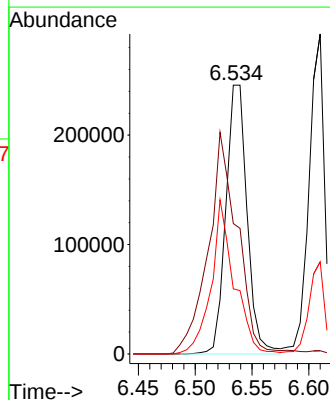
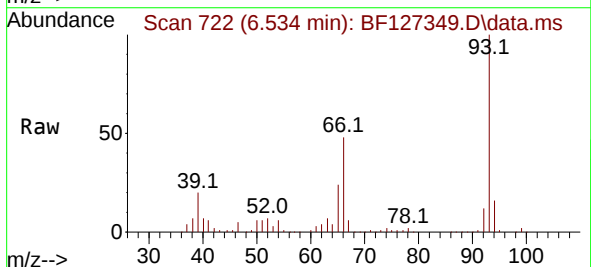
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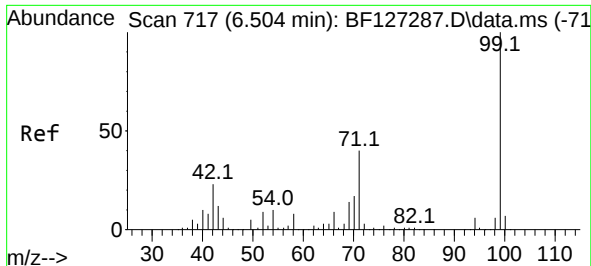
Tgt Ion:112 Resp: 692592
Ion Ratio Lower Upper
112 100
64 77.7 49.5 74.3#
63 42.1 23.9 35.9#



#6
Aniline
Concen: 33.534 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

Tgt Ion: 93 Resp: 320162
Ion Ratio Lower Upper
93 100
66 48.5 32.2 48.4#
65 24.2 16.3 24.5

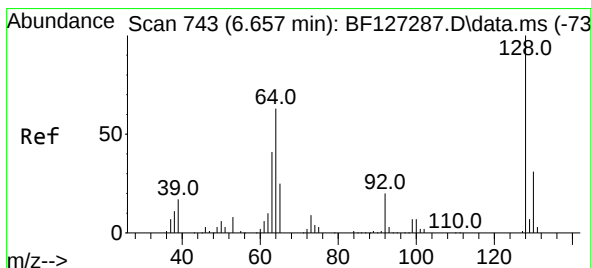
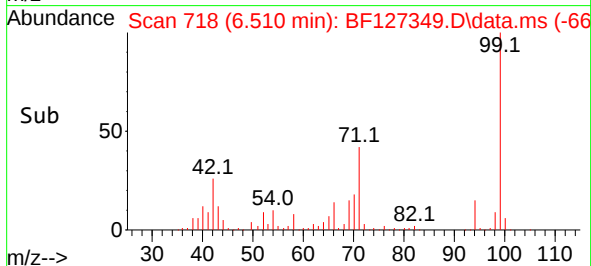
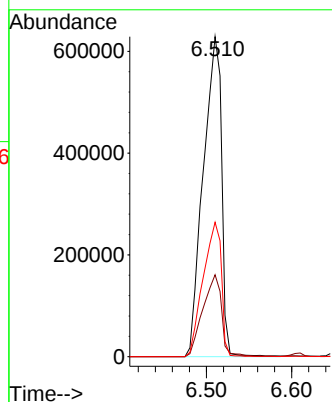
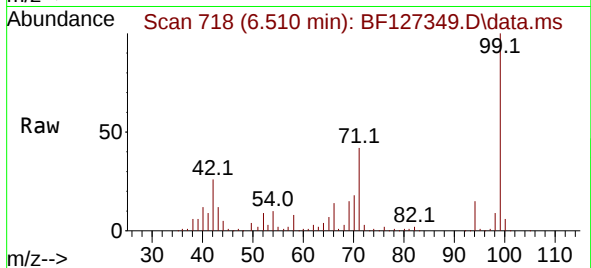




#7
Phenol-d6
Concen: 117.418 ng
RT: 6.510 min Scan# 717
Delta R.T. 0.006 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

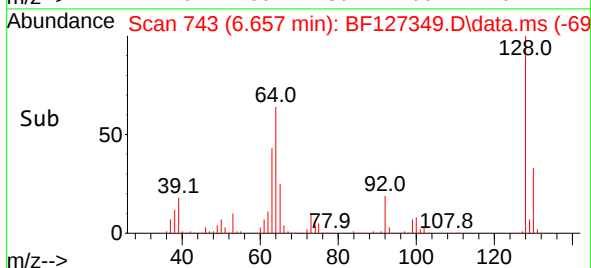
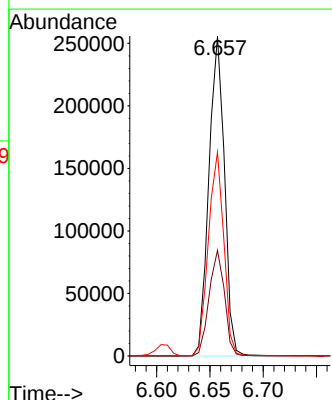
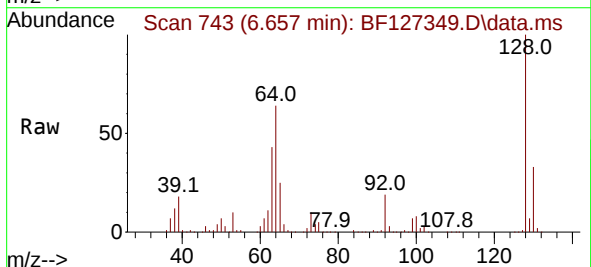
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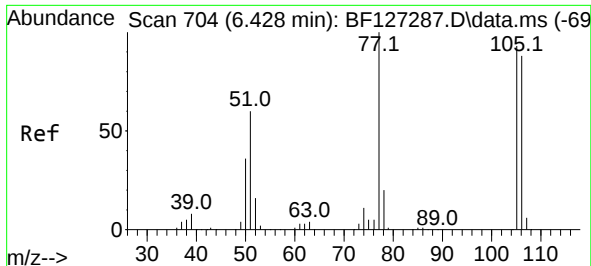
Tgt Ion: 99 Resp: 938055
Ion Ratio Lower Upper
99 100
42 25.6 14.2 21.4#
71 42.0 24.3 36.5#



#8
2-Chlorophenol
Concen: 43.275 ng
RT: 6.657 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

Tgt Ion:128 Resp: 259987
Ion Ratio Lower Upper
128 100
130 33.0 12.7 52.7
64 63.7 35.6 75.6

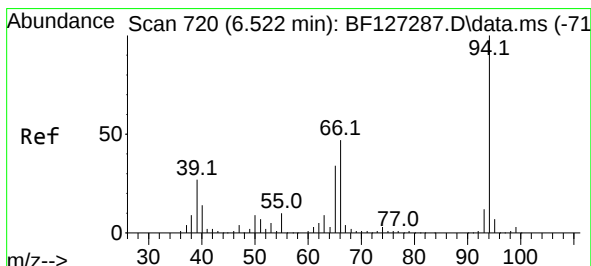
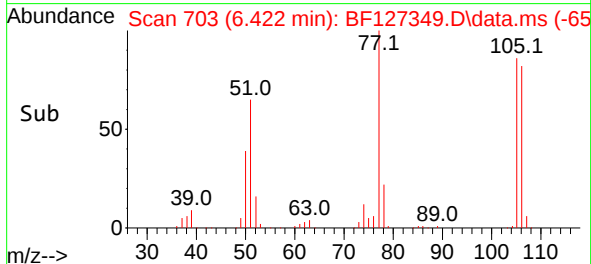
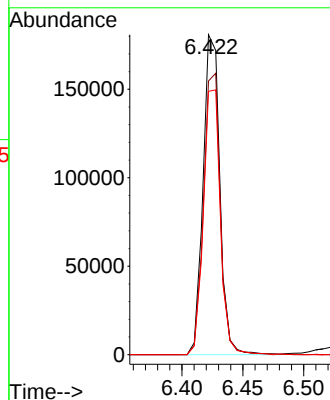
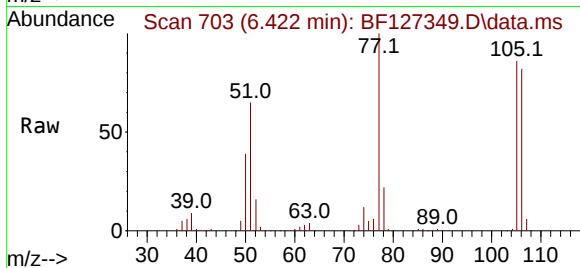




#9
Benzaldehyde
Concen: 41.699 ng
RT: 6.422 min Scan# 704
Delta R.T. -0.006 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

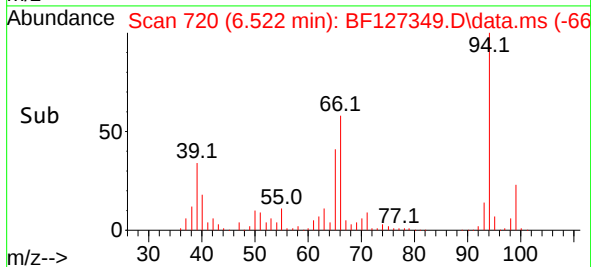
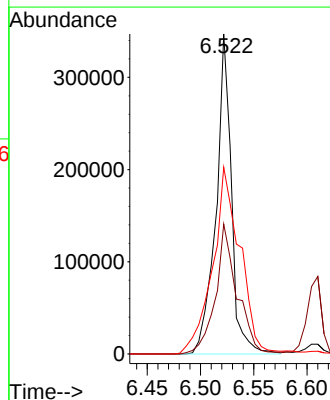
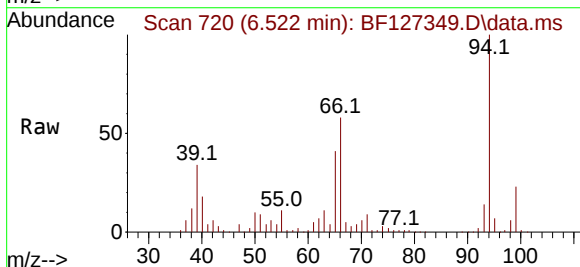
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Tgt Ion: 77 Resp: 172892
Ion Ratio Lower Upper
77 100
105 85.5 74.9 114.9
106 82.3 72.4 112.4



#10
Phenol
Concen: 39.703 ng
RT: 6.522 min Scan# 720
Delta R.T. -0.000 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

Tgt Ion: 94 Resp: 348433
Ion Ratio Lower Upper
94 100
65 40.6 7.2 47.2
66 58.3 14.5 54.5#





#11

bis(2-Chloroethyl)ether

Concen: 42.182 ng

RT: 6.610 min Scan# 710

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

Instrument :

BNA_F

ClientSampleId :

PB143388BS

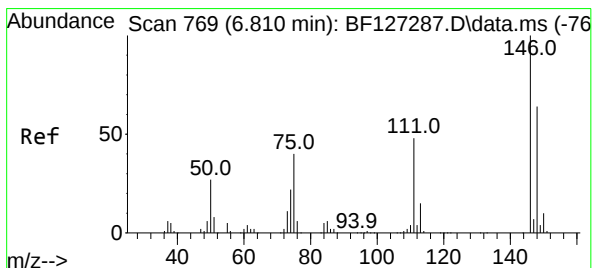
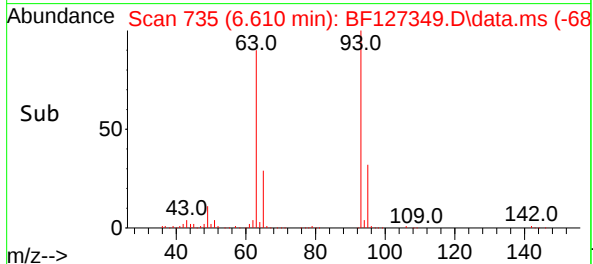
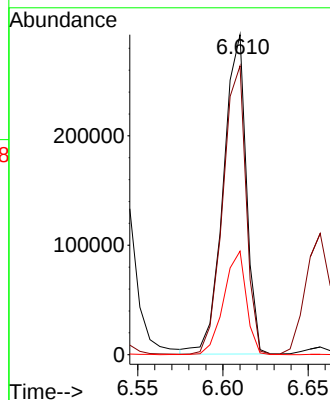
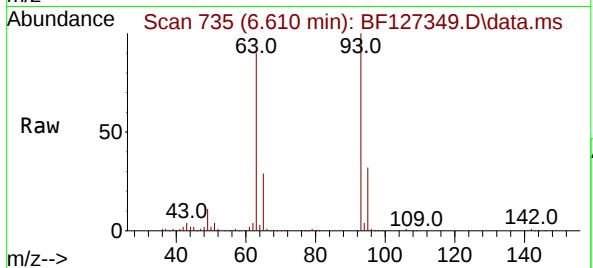
Tgt Ion: 93 Resp: 274907

Ion Ratio Lower Upper

93 100

63 90.3 60.5 100.5

95 32.3 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 41.820 ng

RT: 6.810 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

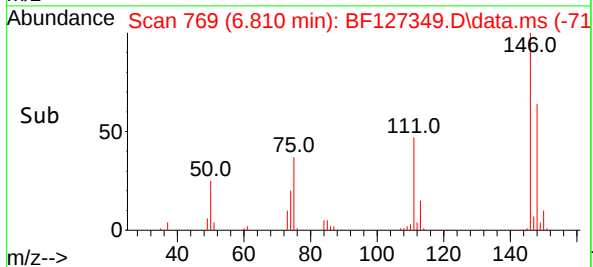
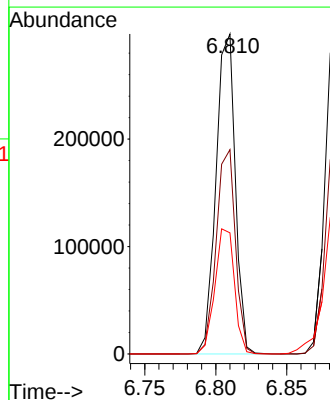
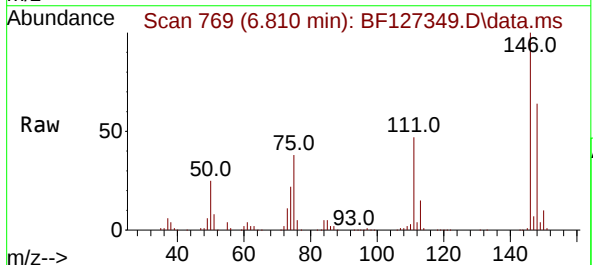
Tgt Ion: 146 Resp: 282028

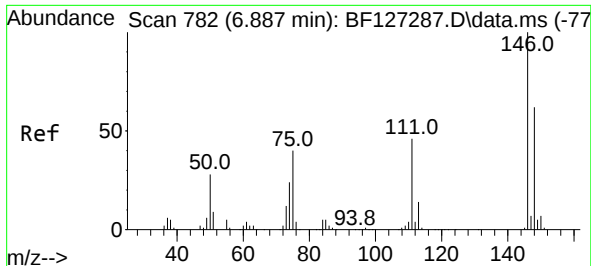
Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

75 37.9 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 42.785 ng

RT: 6.886 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

Instrument :

BNA_F

ClientSampleId :

PB143388BS

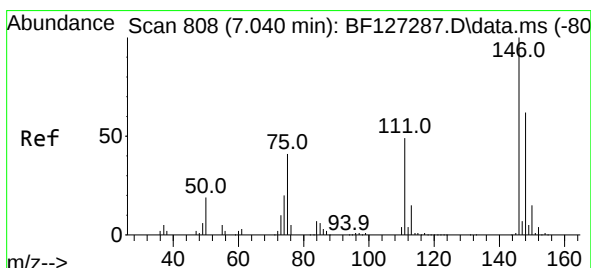
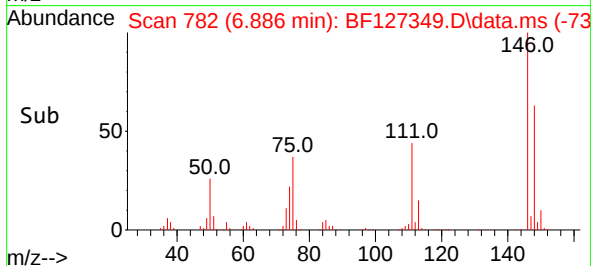
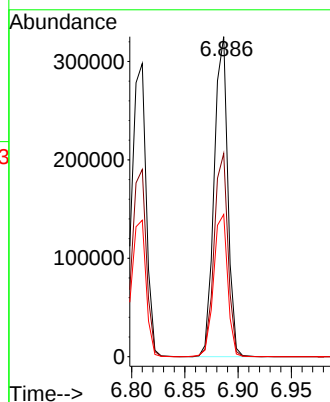
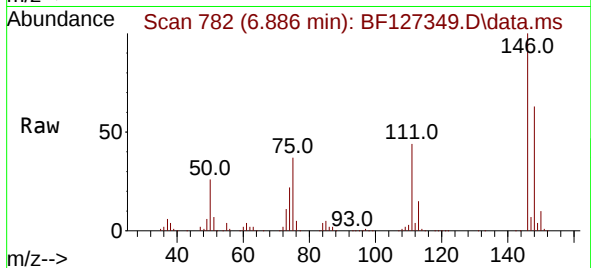
Tgt Ion:146 Resp: 289463

Ion Ratio Lower Upper

146 100

148 63.5 49.8 74.6

111 44.5 36.1 54.1



#14

1,2-Dichlorobenzene

Concen: 44.595 ng

RT: 7.034 min Scan# 807

Delta R.T. -0.006 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

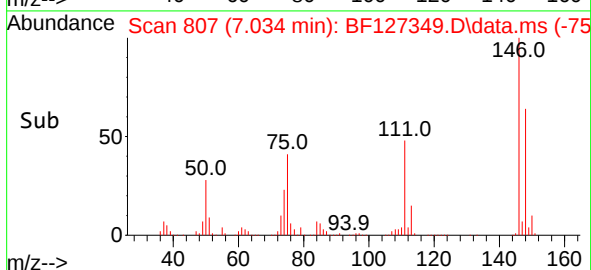
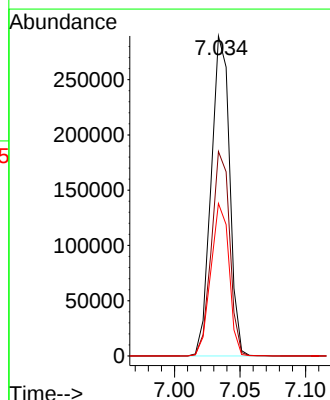
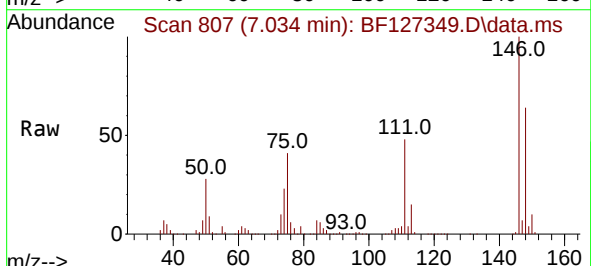
Tgt Ion:146 Resp: 283956

Ion Ratio Lower Upper

146 100

148 63.9 51.6 77.4

111 47.7 40.2 60.2

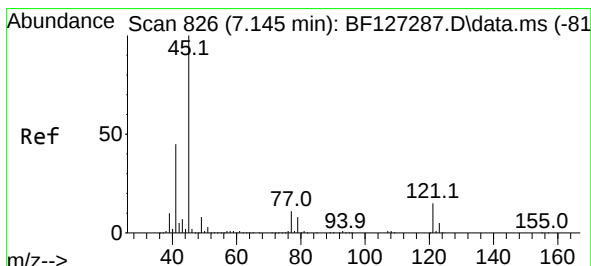
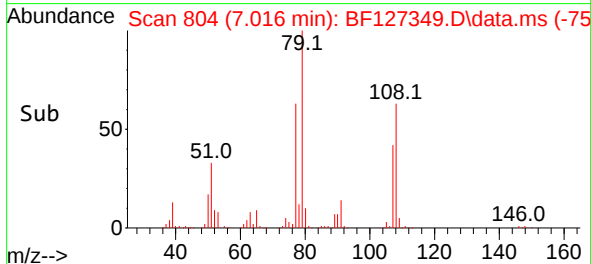
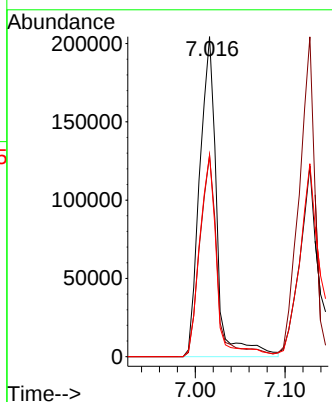
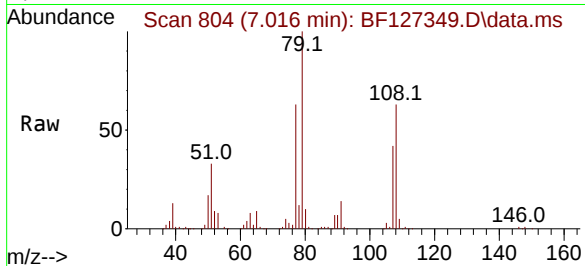




#15
Benzyl Alcohol
Concen: 45.077 ng
RT: 7.016 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

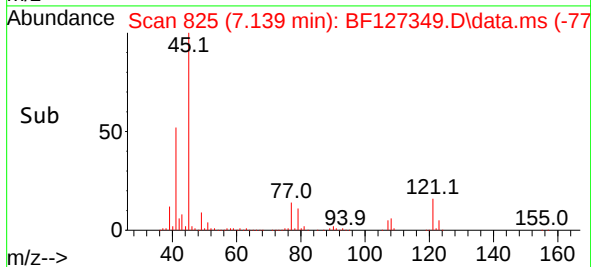
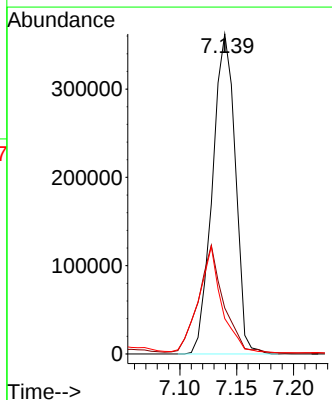
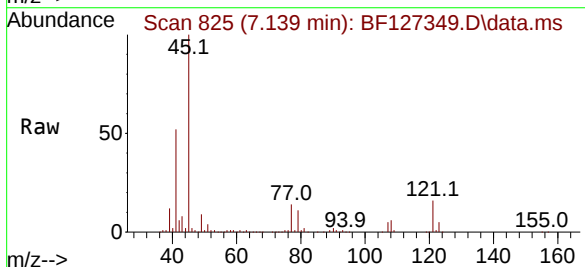
Instrument :
BNA_F
ClientSampleId :
PB143388BS

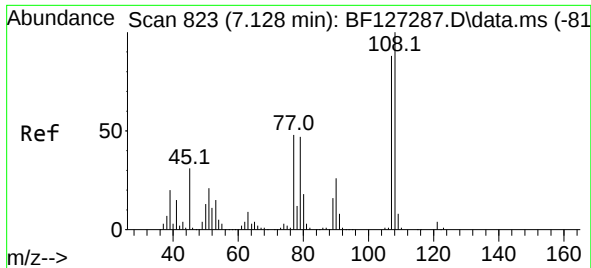
Tgt Ion: 79 Resp: 269921
Ion Ratio Lower Upper
79 100
108 62.9 63.2 94.8#
77 63.1 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.541 ng
RT: 7.139 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

Tgt Ion: 45 Resp: 508055
Ion Ratio Lower Upper
45 100
77 14.4 0.0 32.4
79 11.1 0.0 29.8

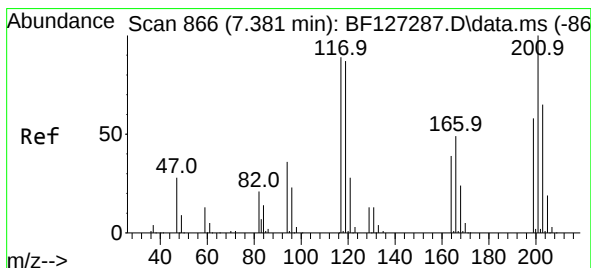
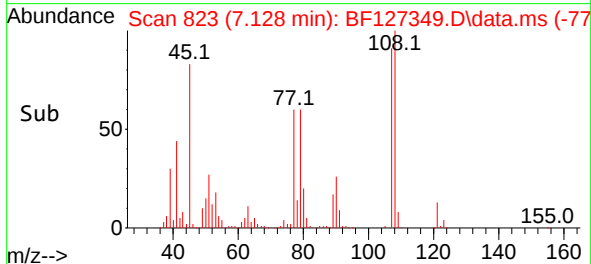
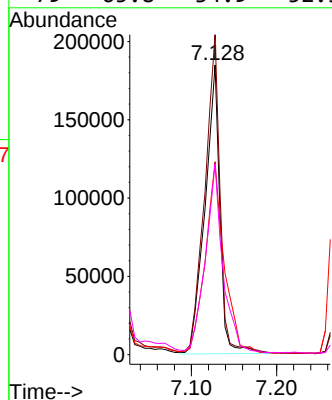
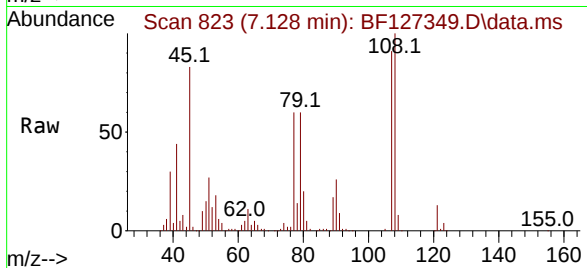




#17
2-Methylphenol
Concen: 44.052 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

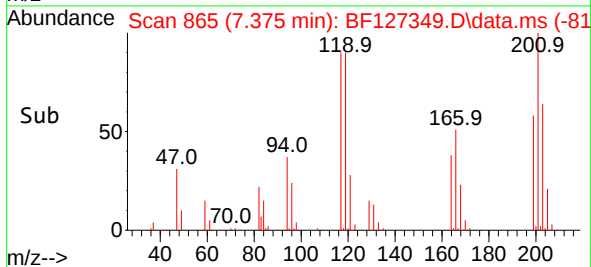
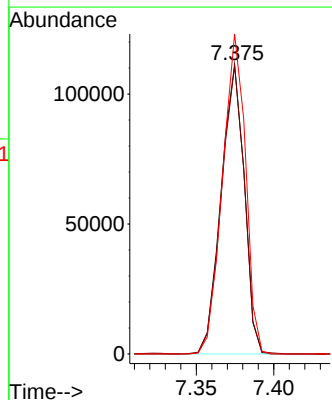
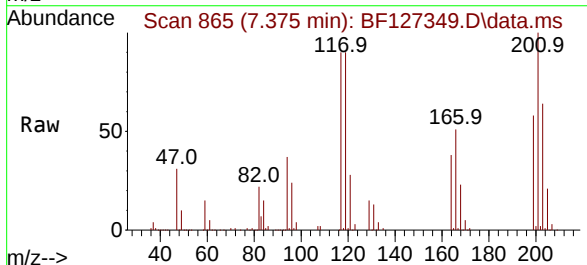
Instrument :
BNA_F
ClientSampleId :
PB143388BS

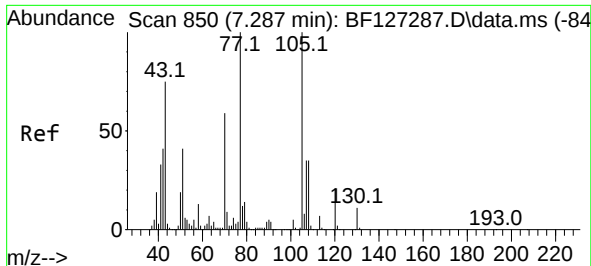
Tgt Ion:107 Resp: 224993
Ion Ratio Lower Upper
107 100
108 110.4 93.4 140.0
77 66.6 36.1 54.1#
79 65.8 34.9 52.3#



#18
Hexachloroethane
Concen: 44.445 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

Tgt Ion:117 Resp: 115507
Ion Ratio Lower Upper
117 100
119 99.5 75.4 113.0
201 110.5 56.8 85.2#





#19

n-Nitroso-di-n-propylamine

Concen: 44.326 ng

RT: 7.286 min Scan# 850

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

Instrument :

BNA_F

ClientSampleId :

PB143388BS

Tgt Ion: 70 Resp: 220984

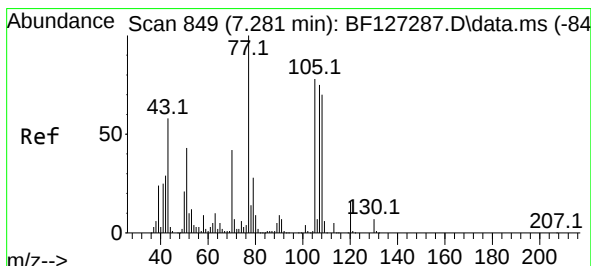
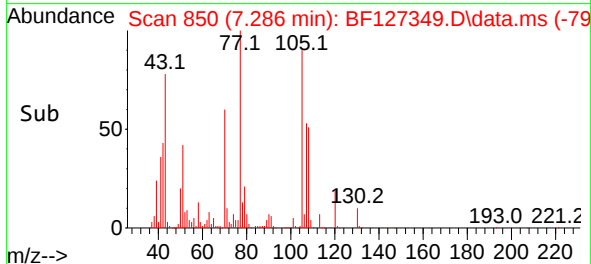
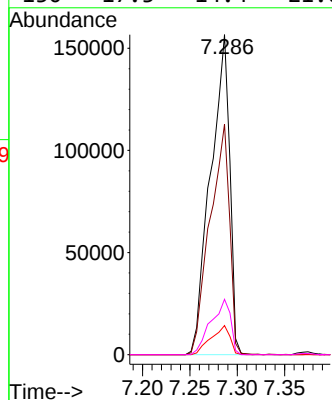
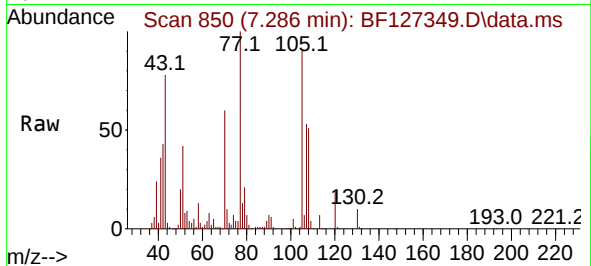
Ion Ratio Lower Upper

70 100

42 72.1 45.8 68.8#

101 9.1 6.9 10.3

130 17.3 14.4 21.6



#20

3+4-Methylphenols

Concen: 40.983 ng

RT: 7.281 min Scan# 849

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

Tgt Ion: 107 Resp: 271461

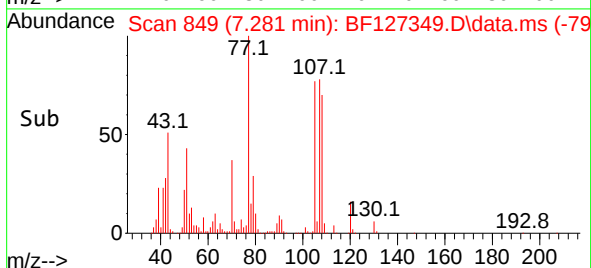
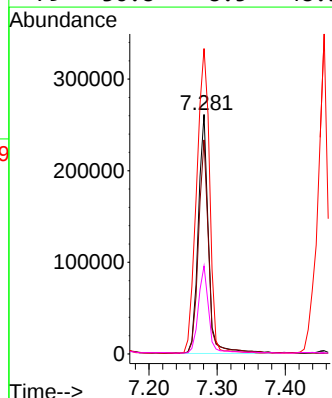
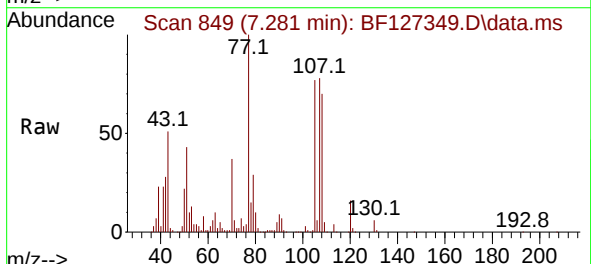
Ion Ratio Lower Upper

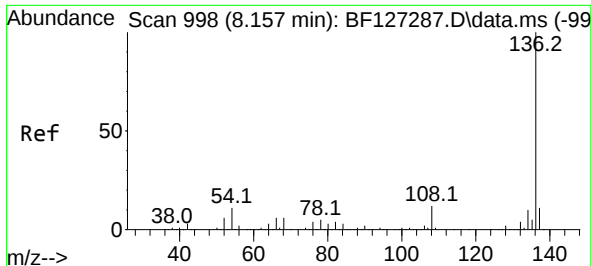
107 100

108 89.4 72.4 112.4

77 127.5 83.8 123.8#

79 36.8 8.5 48.5

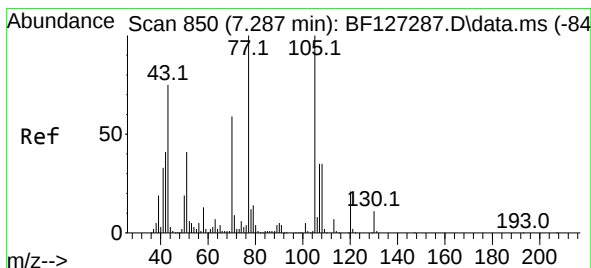
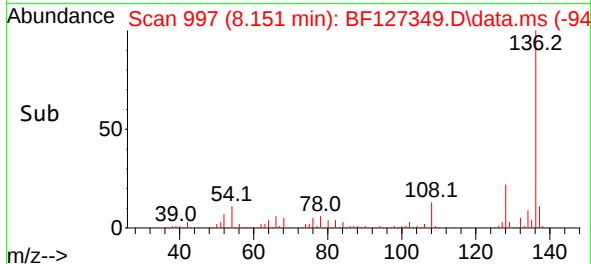
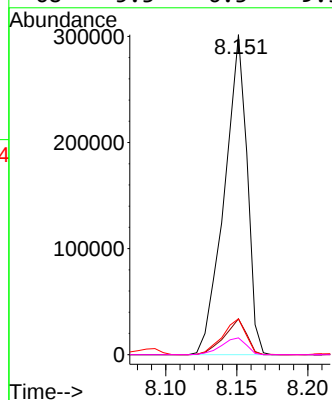
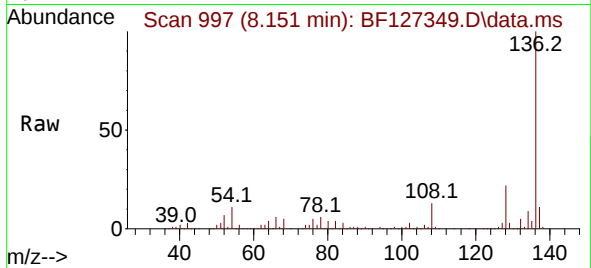




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

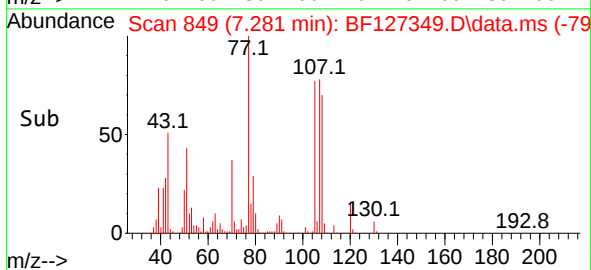
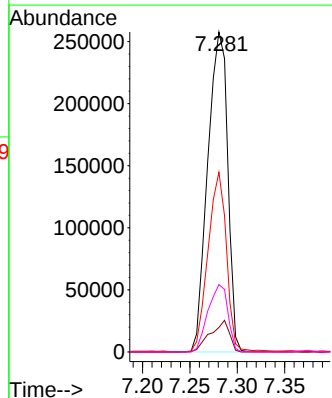
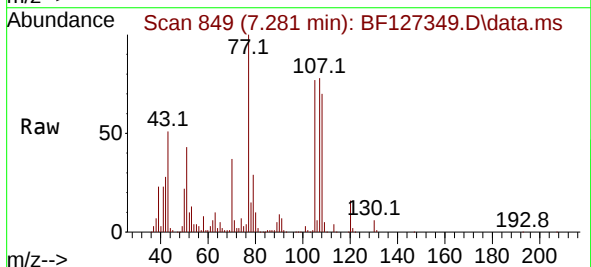
Instrument :
BNA_F
ClientSampleId :
PB143388BS

Tgt Ion:136 Resp: 335724
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 11.2 7.8 11.6
68 5.3 6.3 9.5#



#22
Acetophenone
Concen: 41.253 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

Tgt Ion:105 Resp: 379195
Ion Ratio Lower Upper
105 100
71 7.7 5.4 8.0
51 56.1 27.4 41.0#
120 21.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 83.958 ng

RT: 7.439 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

Instrument :

BNA_F

ClientSampleId :

PB143388BS

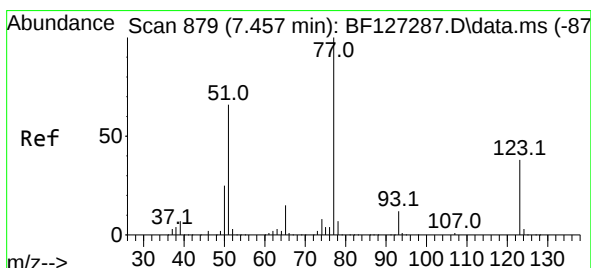
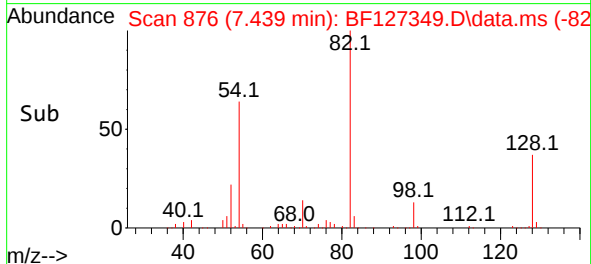
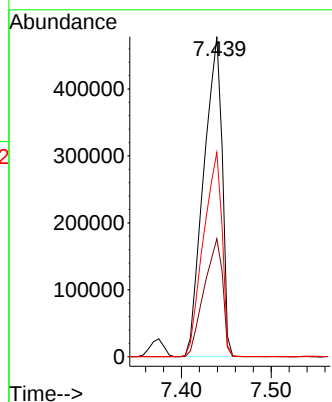
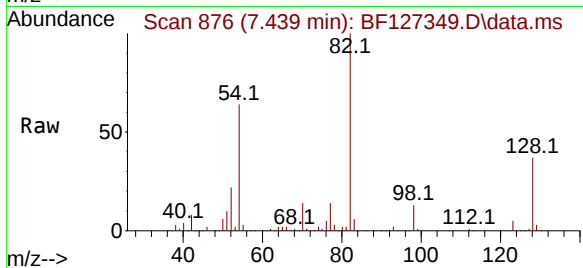
Tgt Ion: 82 Resp: 682517

Ion Ratio Lower Upper

82 100

128 36.8 32.7 49.1

54 63.9 41.7 62.5#



#24

Nitrobenzene

Concen: 44.163 ng

RT: 7.457 min Scan# 879

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

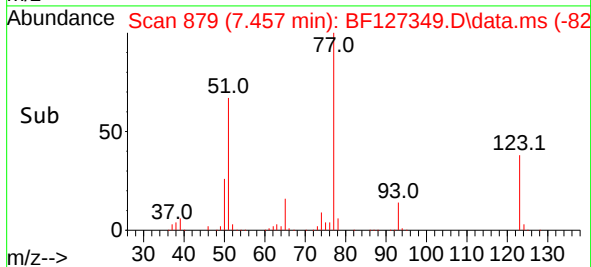
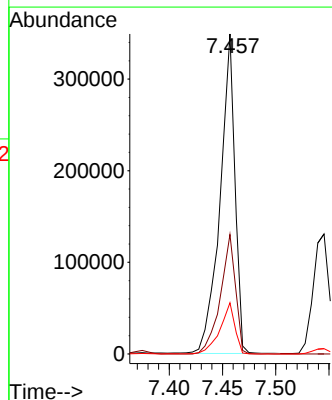
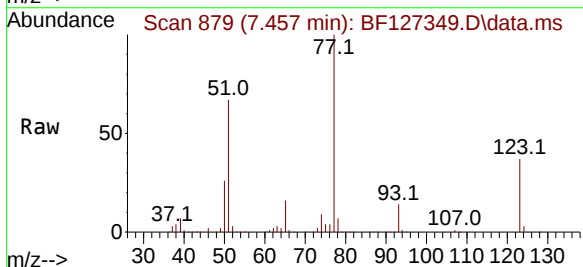
Tgt Ion: 77 Resp: 339562

Ion Ratio Lower Upper

77 100

123 37.4 34.6 52.0

65 16.0 10.6 15.8#

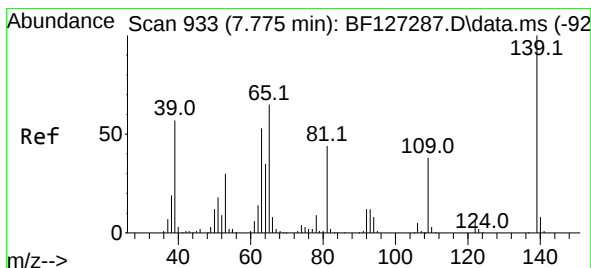
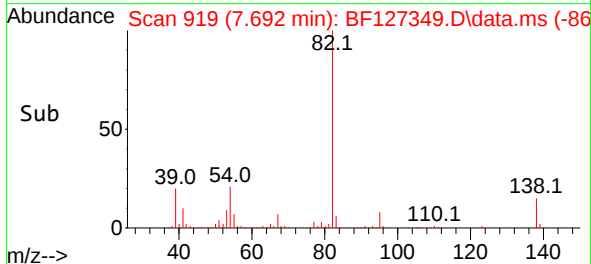
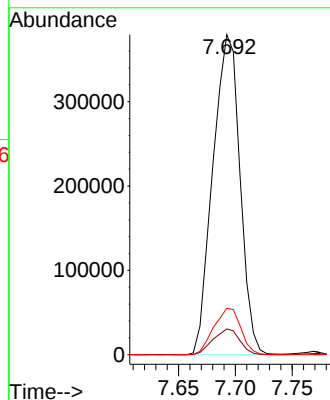
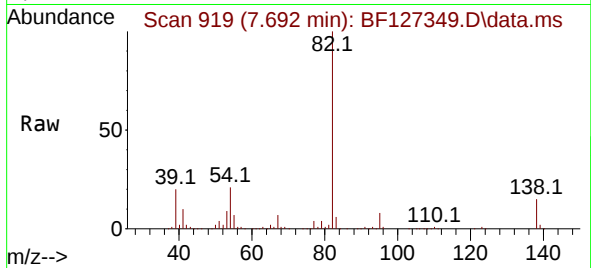




#25
Isophorone
Concen: 48.263 ng
RT: 7.692 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

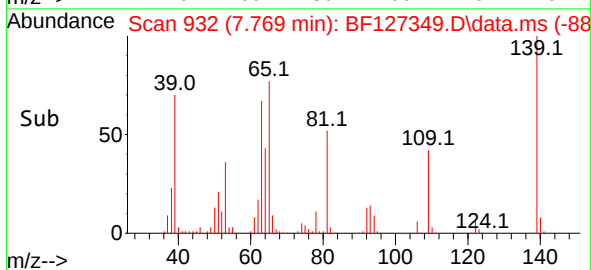
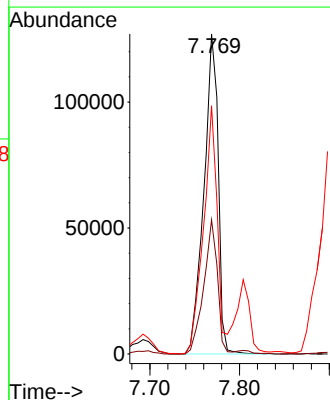
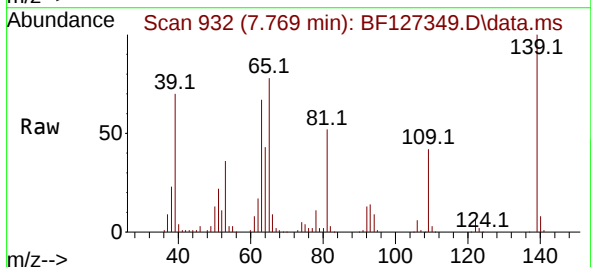
Instrument :
BNA_F
ClientSampleId :
PB143388BS

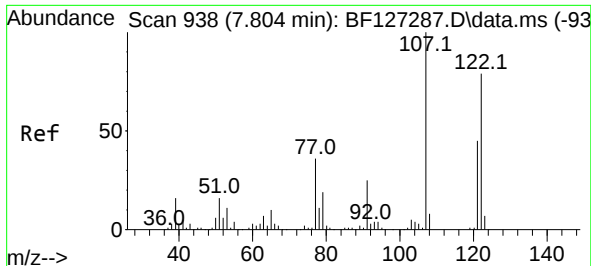
Tgt Ion: 82 Resp: 630874
Ion Ratio Lower Upper
82 100
95 8.0 5.0 7.4#
138 14.5 12.3 18.5



#26
2-Nitrophenol
Concen: 44.175 ng
RT: 7.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

Tgt Ion: 139 Resp: 140660
Ion Ratio Lower Upper
139 100
109 41.9 20.0 30.0#
65 77.5 40.8 61.2#

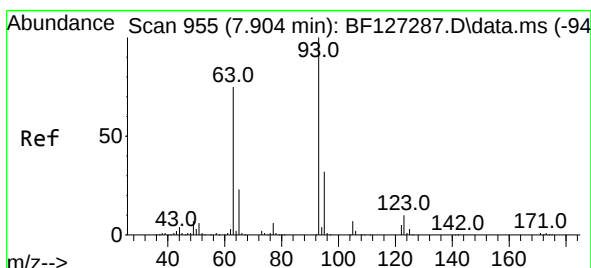
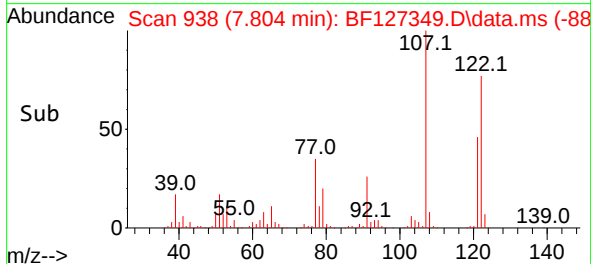
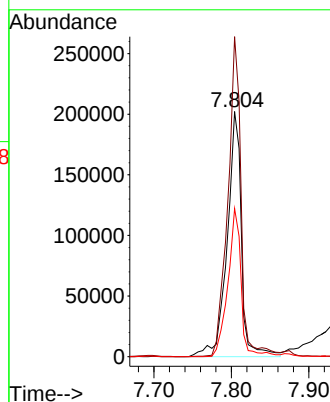
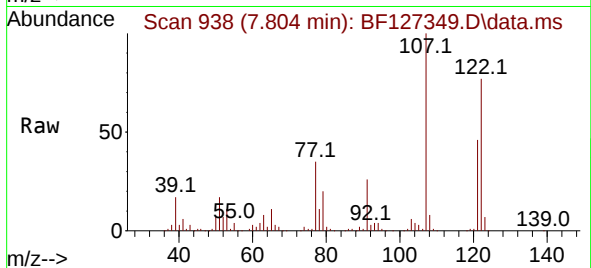




#27
2,4-Dimethylphenol
Concen: 54.087 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

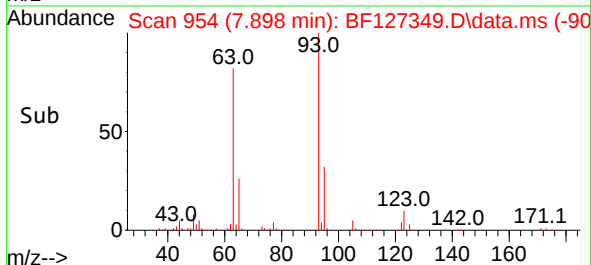
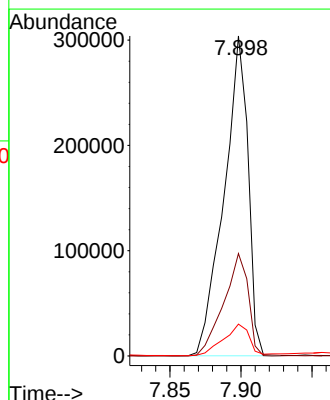
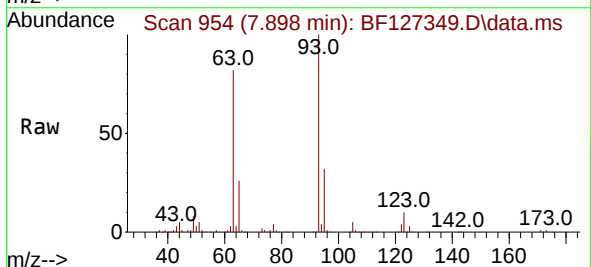
Instrument :
BNA_F
ClientSampleId :
PB143388BS

Tgt Ion:122 Resp: 258531
Ion Ratio Lower Upper
122 100
107 130.5 91.2 136.8
121 60.4 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 43.082 ng
RT: 7.898 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

Tgt Ion: 93 Resp: 356831
Ion Ratio Lower Upper
93 100
95 32.0 25.4 38.2
123 9.9 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 45.166 ng

RT: 8.016 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

Instrument :

BNA_F

ClientSampleId :

PB143388BS

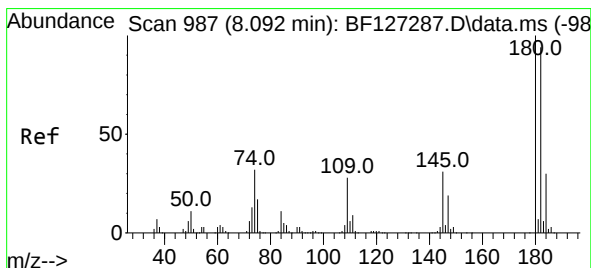
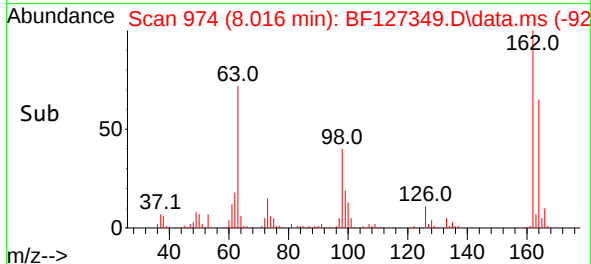
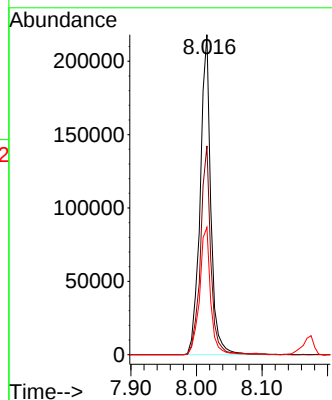
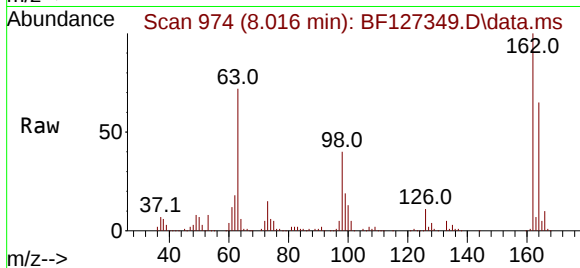
Tgt Ion:162 Resp: 247242

Ion Ratio Lower Upper

162 100

164 65.2 43.8 83.8

98 39.8 23.6 63.6



#30

1,2,4-Trichlorobenzene

Concen: 43.473 ng

RT: 8.092 min Scan# 987

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

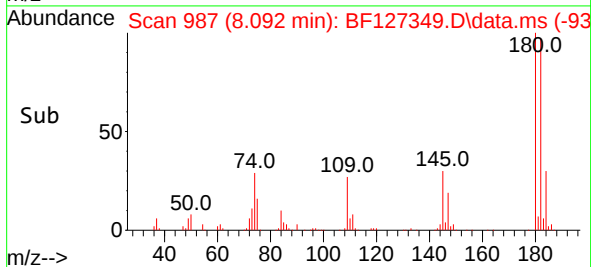
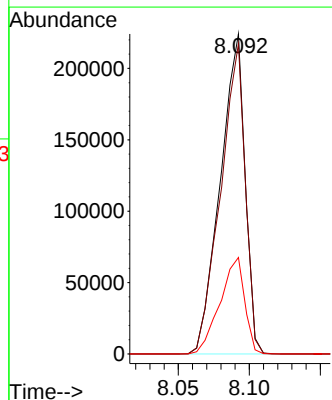
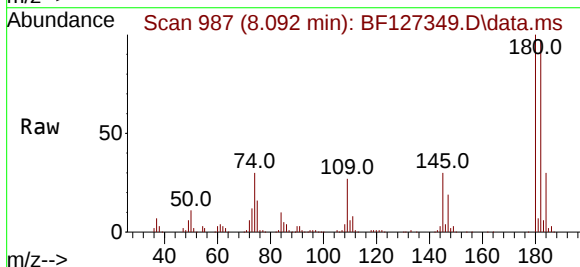
Tgt Ion:180 Resp: 271299

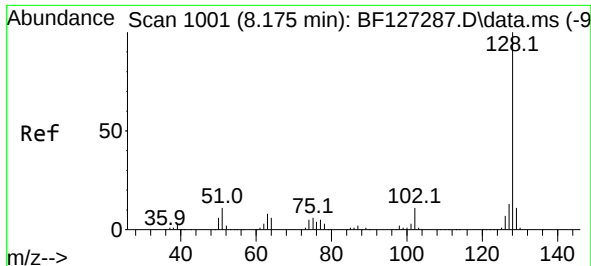
Ion Ratio Lower Upper

180 100

182 97.0 75.5 113.3

145 30.2 26.2 39.2

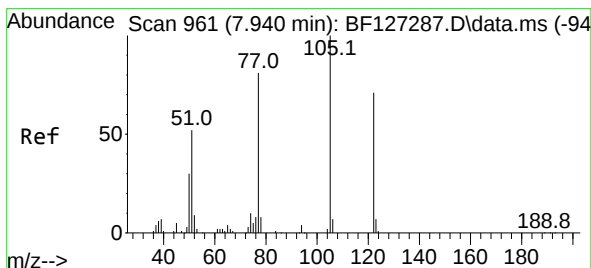
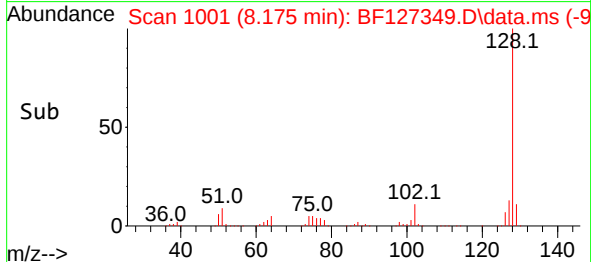
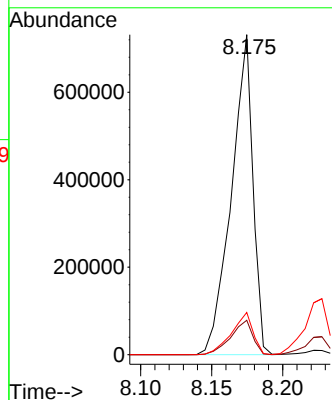
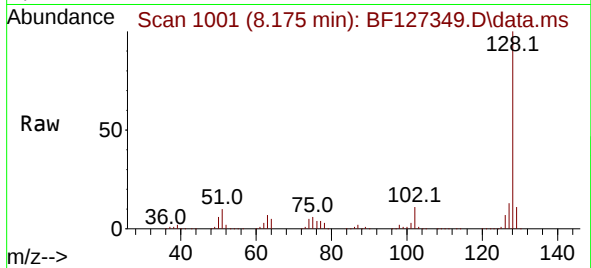




#31
Naphthalene
Concen: 43.010 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

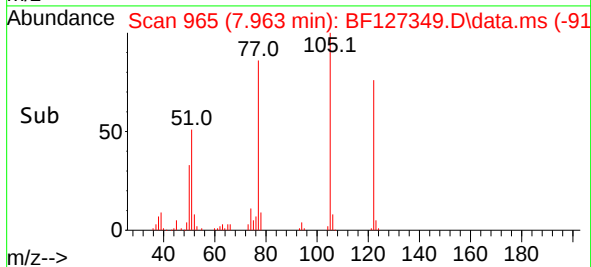
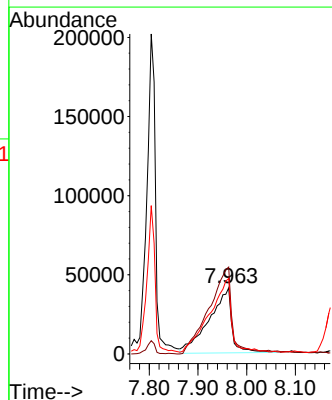
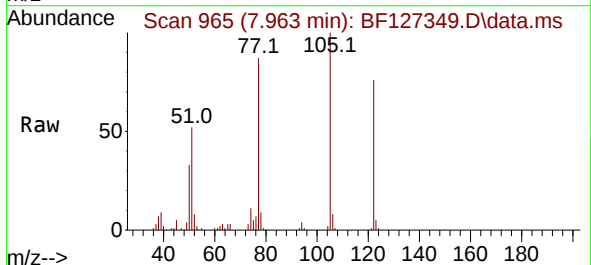
Instrument :
BNA_F
ClientSampleId :
PB143388BS

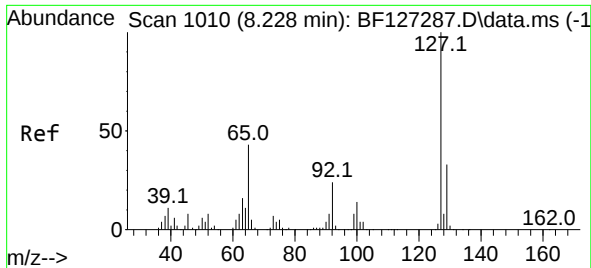
Tgt Ion:128 Resp: 770256
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 41.523 ng
RT: 7.963 min Scan# 965
Delta R.T. 0.023 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

Tgt Ion:122 Resp: 134511
Ion Ratio Lower Upper
122 100
105 131.5 101.0 141.0
77 114.2 74.5 114.5

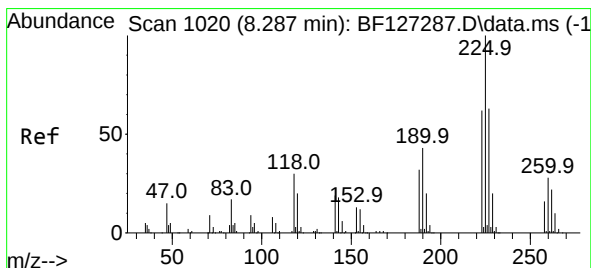
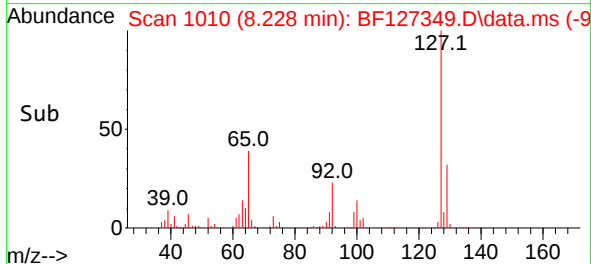
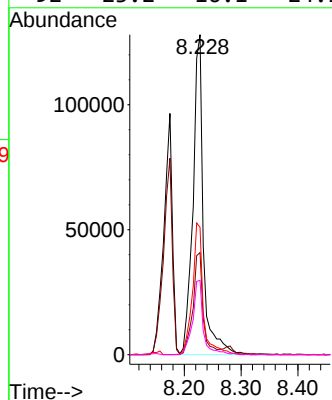
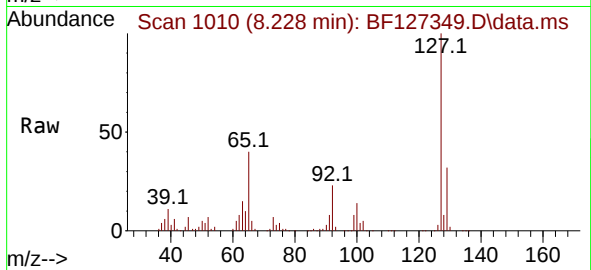




#33
4-Chloroaniline
Concen: 23.722 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

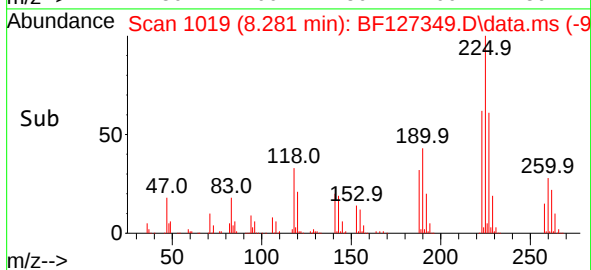
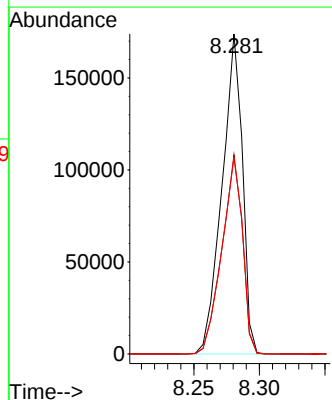
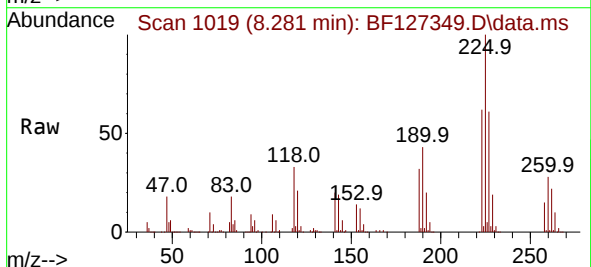
Instrument :
BNA_F
ClientSampleId :
PB143388BS

Tgt Ion:	127	Resp:	164669
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.5	39.7
65	39.8	26.6	39.8
92	23.2	16.1	24.1



#34
Hexachlorobutadiene
Concen: 44.962 ng
RT: 8.281 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

Tgt Ion:	225	Resp:	187113
Ion	Ratio	Lower	Upper
225	100		
223	62.3	48.6	73.0
227	61.3	51.4	77.0

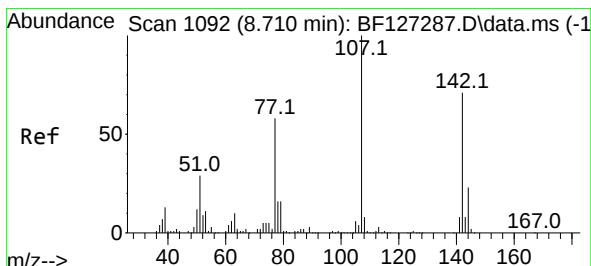
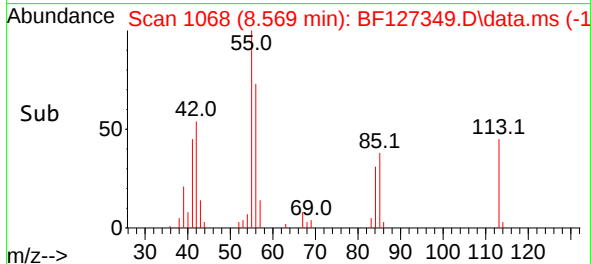
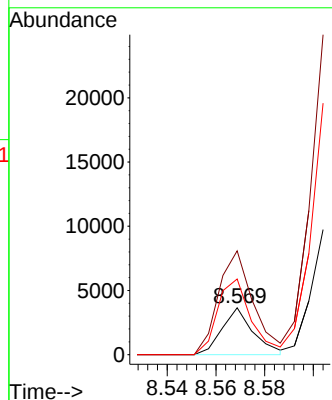
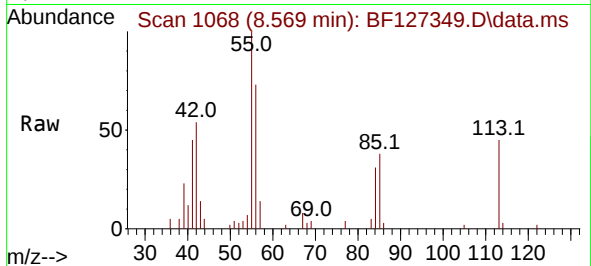




#35
 Caprolactam
 Concen: 2.003 ng
 RT: 8.569 min Scan# 1068
 Delta R.T. -0.041 min
 Lab File: BF127349.D
 Acq: 16 Mar 2022 14:39

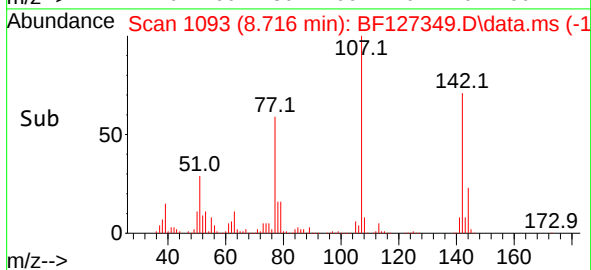
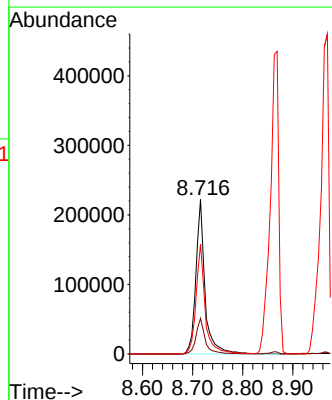
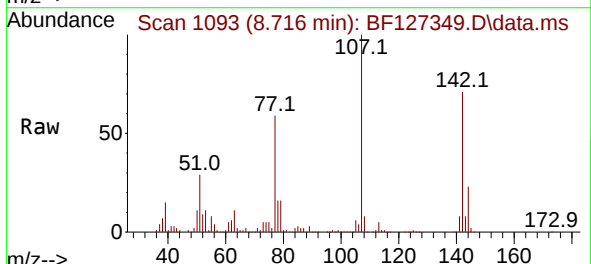
Instrument :
 BNA_F
 ClientSampleId :
 PB143388BS

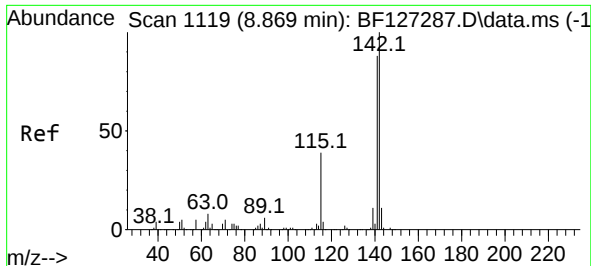
Tgt Ion:113 Resp: 3275
 Ion Ratio Lower Upper
 113 100
 55 222.0 183.9 223.9
 56 161.8 129.9 169.9



#36
 4-Chloro-3-methylphenol
 Concen: 47.331 ng
 RT: 8.716 min Scan# 1093
 Delta R.T. 0.006 min
 Lab File: BF127349.D
 Acq: 16 Mar 2022 14:39

Tgt Ion:107 Resp: 280814
 Ion Ratio Lower Upper
 107 100
 144 23.1 18.5 27.7
 142 71.0 58.1 87.1





#37

2-Methylnaphthalene

Concen: 44.316 ng

RT: 8.869 min Scan# 1119

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

Instrument :

BNA_F

ClientSampleId :

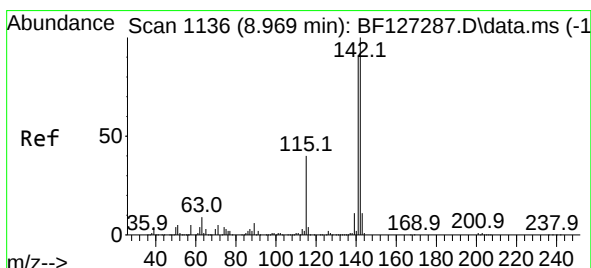
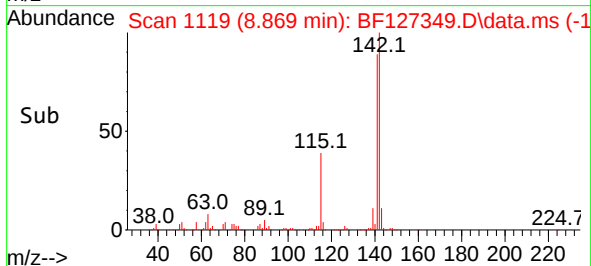
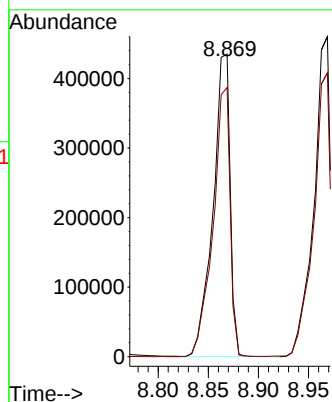
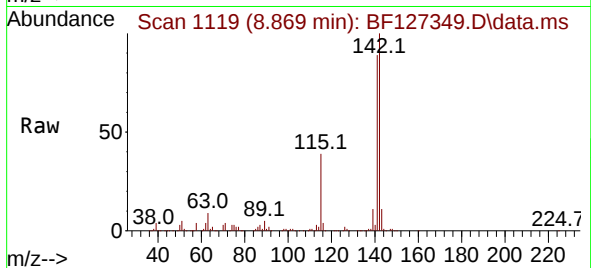
PB143388BS

Tgt Ion:142 Resp: 518582

Ion Ratio Lower Upper

142 100

141 89.0 68.6 102.8



#38

1-Methylnaphthalene

Concen: 46.780 ng

RT: 8.969 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF127349.D

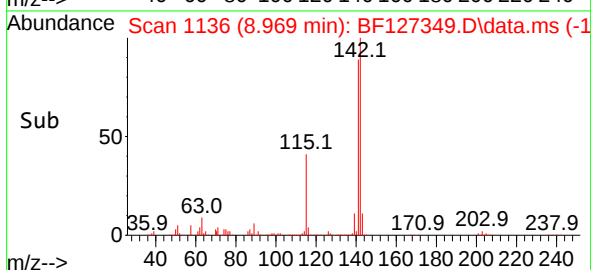
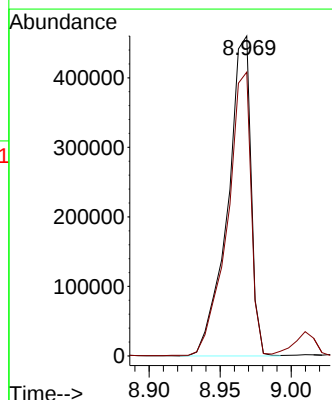
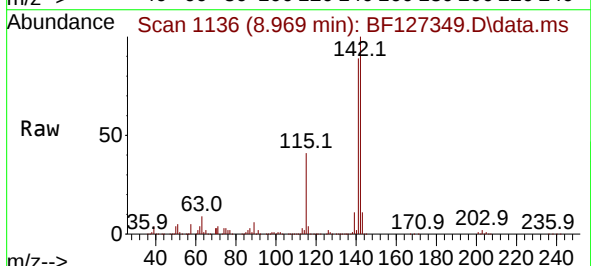
Acq: 16 Mar 2022 14:39

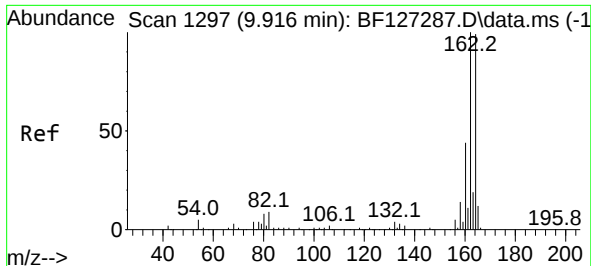
Tgt Ion:142 Resp: 526267

Ion Ratio Lower Upper

142 100

141 88.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

Instrument :

BNA_F

ClientSampleId :

PB143388BS

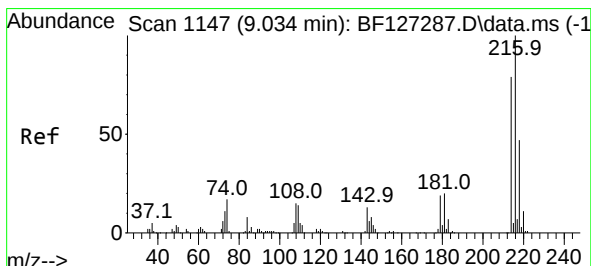
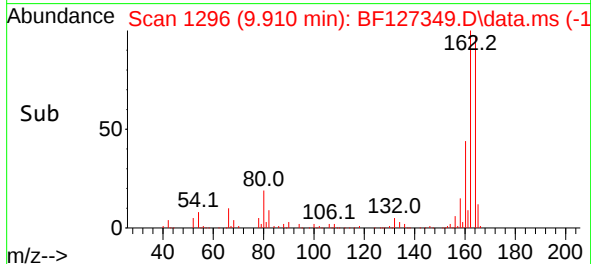
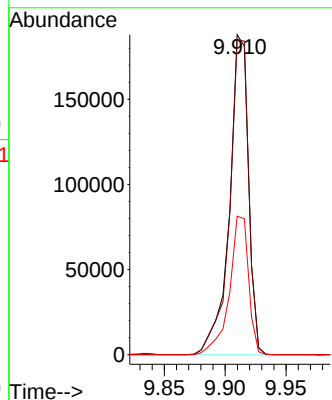
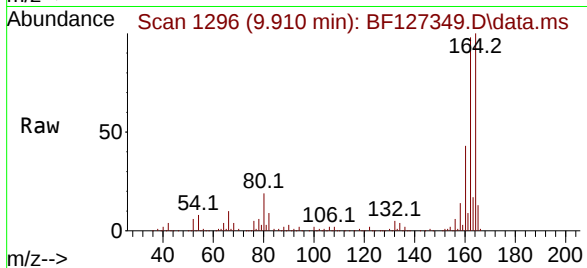
Tgt Ion:164 Resp: 204688

Ion Ratio Lower Upper

164 100

162 98.3 81.4 122.0

160 43.3 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.416 ng

RT: 9.033 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

Tgt Ion:216 Resp: 287809

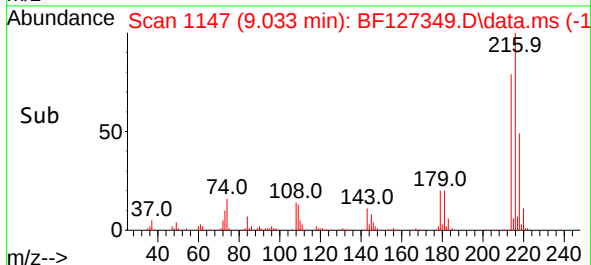
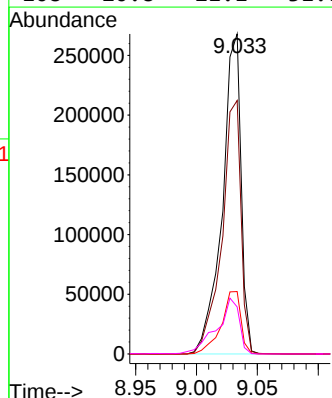
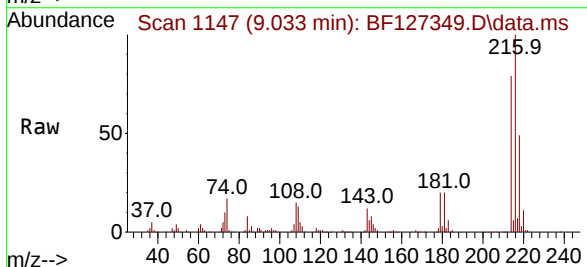
Ion Ratio Lower Upper

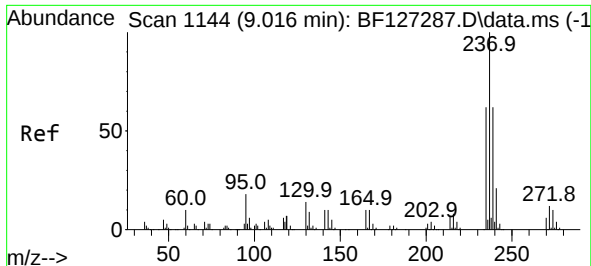
216 100

214 80.4 64.6 96.8

179 20.4 19.5 29.3

108 20.8 21.1 31.7#

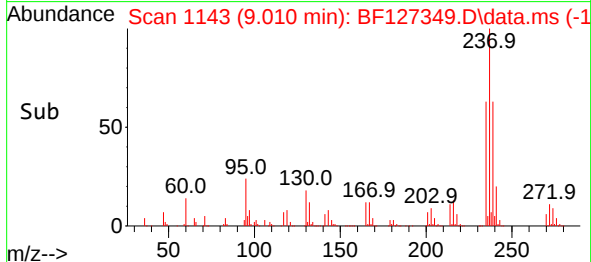
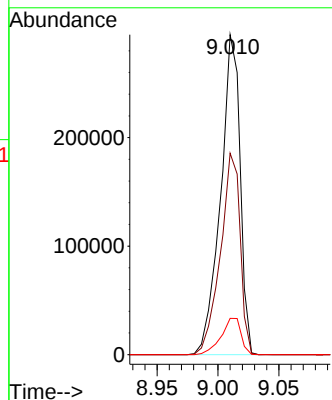
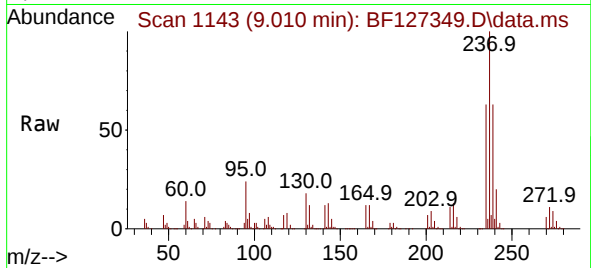




#41
Hexachlorocyclopentadiene
Concen: 118.745 ng
RT: 9.010 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

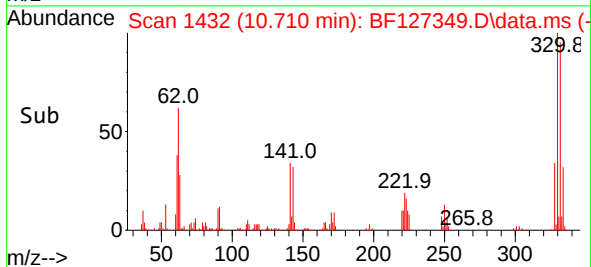
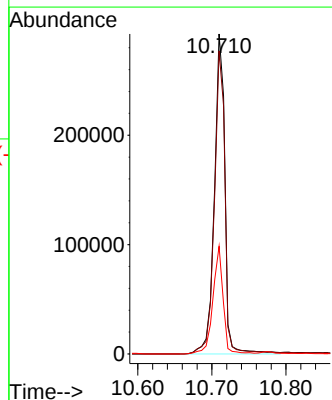
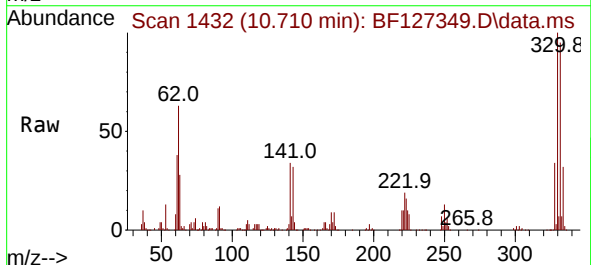
Instrument :
BNA_F
ClientSampleId :
PB143388BS

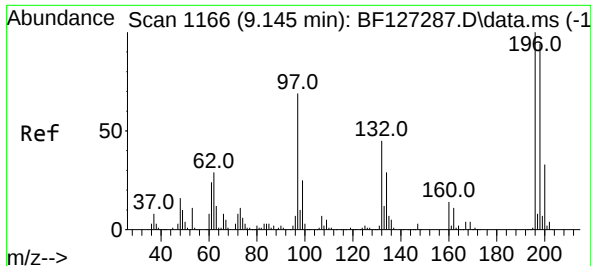
Tgt Ion:237 Resp: 329473
Ion Ratio Lower Upper
237 100
235 62.9 38.9 78.9
272 11.4 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 131.040 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

Tgt Ion:330 Resp: 288741
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 32.7 30.1 45.1

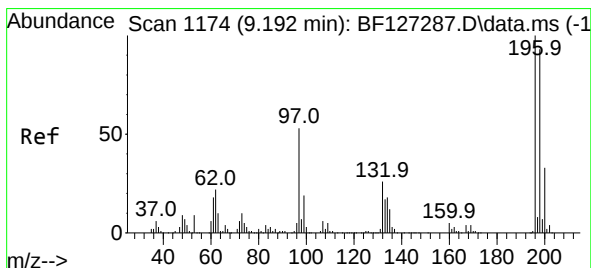
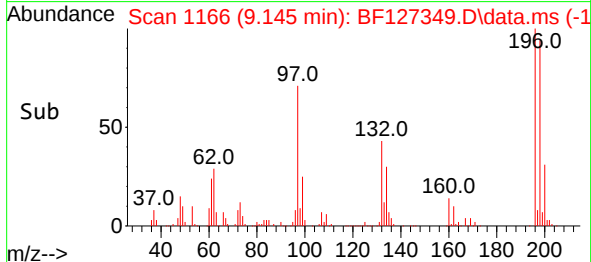
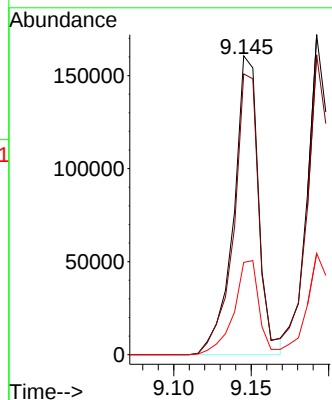
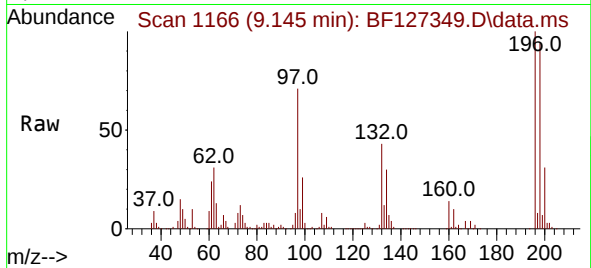




#43
 2,4,6-Trichlorophenol
 Concen: 44.138 ng
 RT: 9.145 min Scan# 1166
 Delta R.T. -0.000 min
 Lab File: BF127349.D
 Acq: 16 Mar 2022 14:39

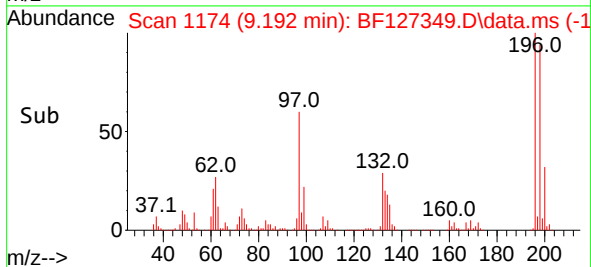
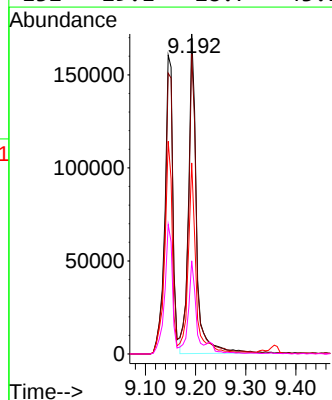
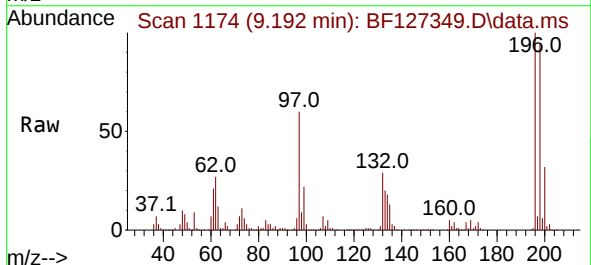
Instrument :
 BNA_F
 ClientSampleId :
 PB143388BS

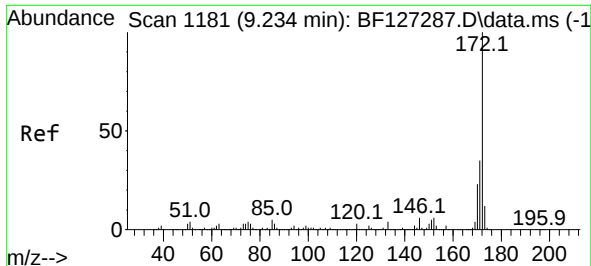
Tgt Ion:196 Resp: 180510
 Ion Ratio Lower Upper
 196 100
 198 93.9 78.5 117.7
 200 30.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.188 ng
 RT: 9.192 min Scan# 1174
 Delta R.T. -0.000 min
 Lab File: BF127349.D
 Acq: 16 Mar 2022 14:39

Tgt Ion:196 Resp: 191796
 Ion Ratio Lower Upper
 196 100
 198 93.7 82.0 123.0
 97 59.7 53.5 80.3
 132 29.1 28.7 43.1





#45

2-Fluorobiphenyl

Concen: 87.843 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

Instrument :

BNA_F

ClientSampleId :

PB143388BS

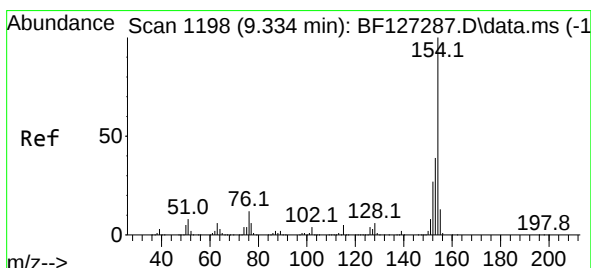
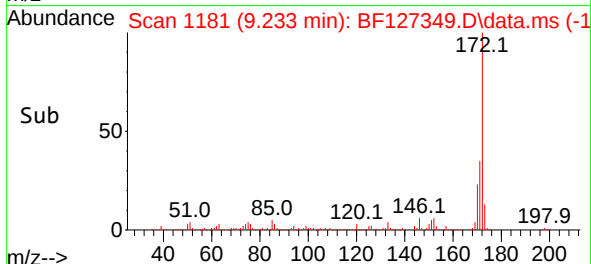
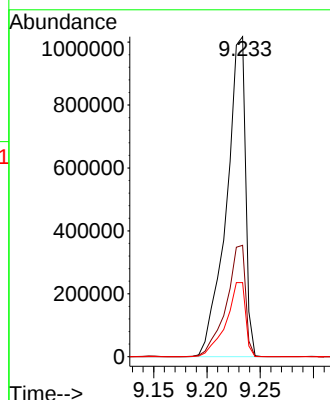
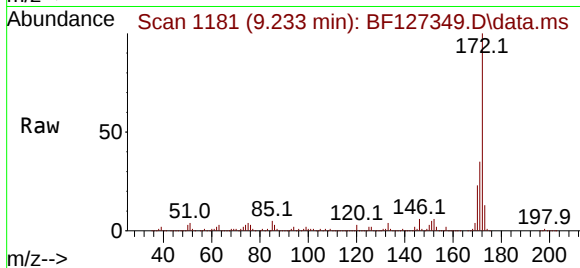
Tgt Ion:172 Resp: 1271781

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.2 19.0 28.6



#46

1,1'-Biphenyl

Concen: 45.363 ng

RT: 9.333 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

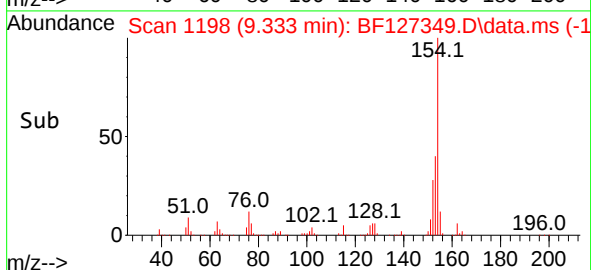
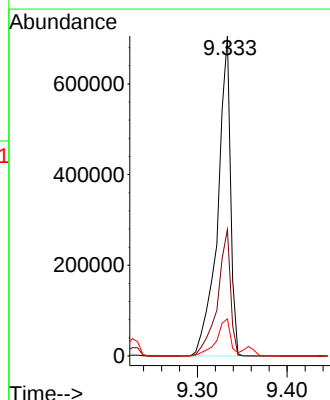
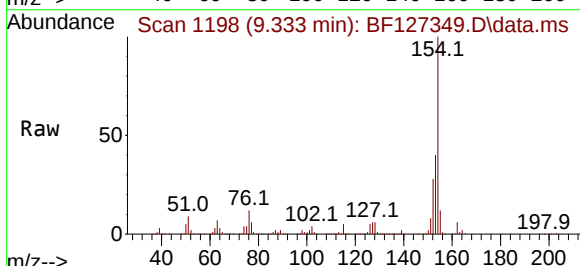
Tgt Ion:154 Resp: 700791

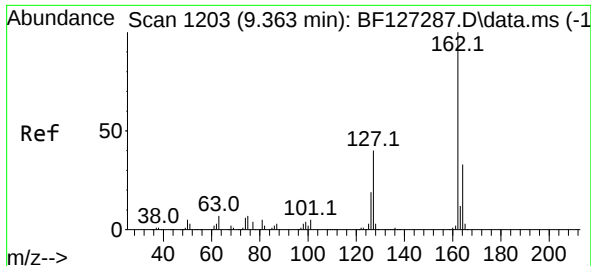
Ion Ratio Lower Upper

154 100

153 39.5 19.0 59.0

76 11.6 0.0 34.5

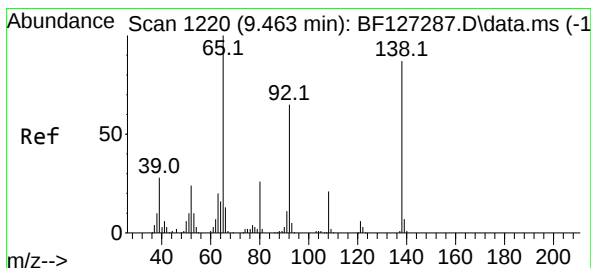
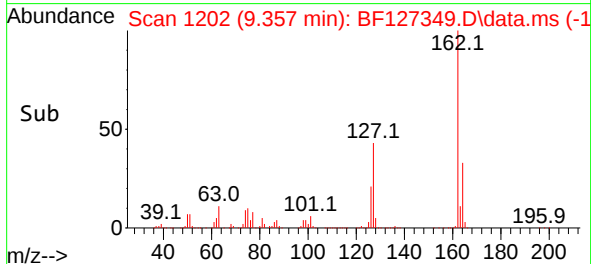
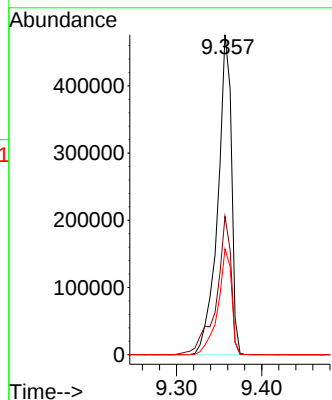
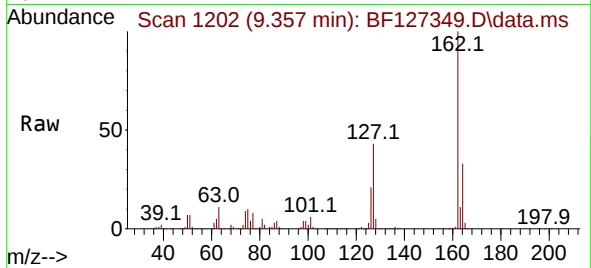




#47
2-Chloronaphthalene
Concen: 44.290 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

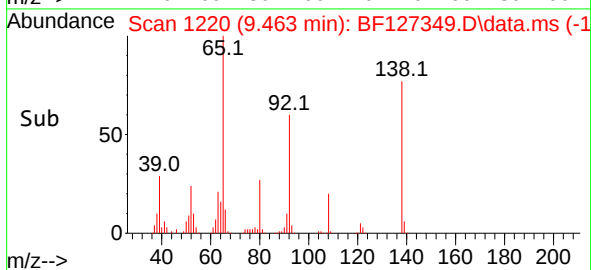
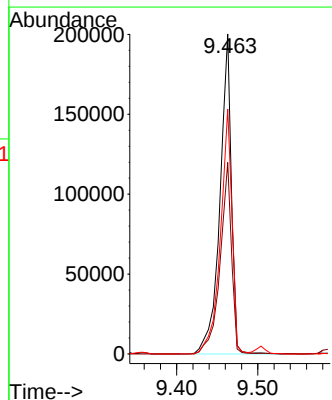
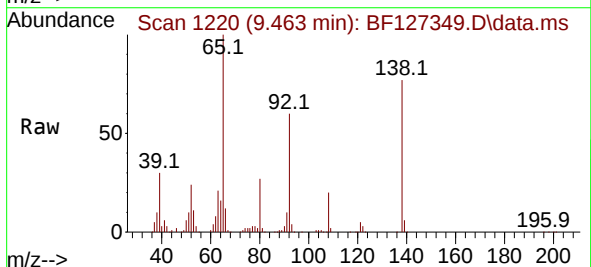
Instrument :
BNA_F
ClientSampleId :
PB143388BS

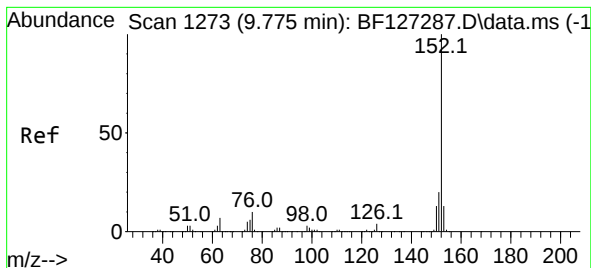
Tgt Ion:162 Resp: 532624
Ion Ratio Lower Upper
162 100
127 43.2 33.5 50.3
164 33.0 26.2 39.4



#48
2-Nitroaniline
Concen: 42.574 ng
RT: 9.463 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

Tgt Ion: 65 Resp: 196989
Ion Ratio Lower Upper
65 100
92 59.9 54.4 81.6
138 76.6 72.5 108.7





#49

Acenaphthylene

Concen: 44.133 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

Instrument :

BNA_F

ClientSampleId :

PB143388BS

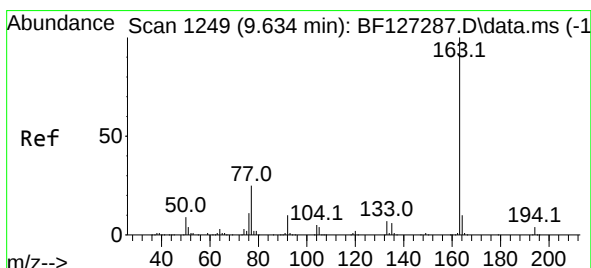
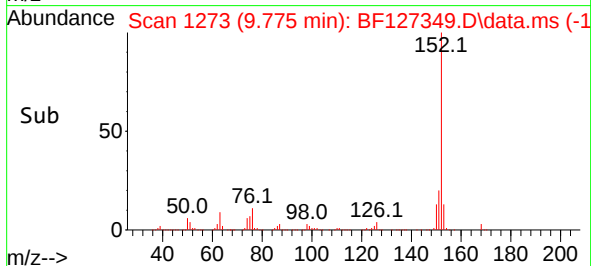
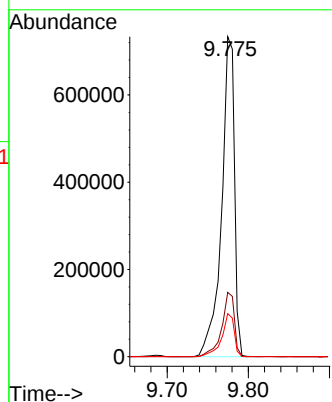
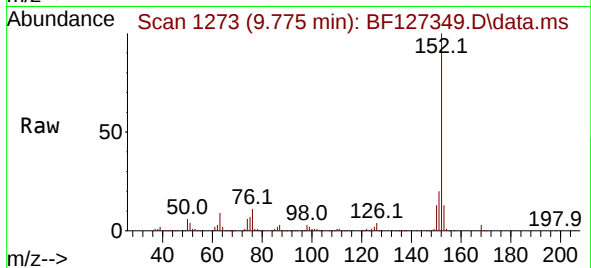
Tgt Ion:152 Resp: 812200

Ion Ratio Lower Upper

152 100

151 20.1 15.7 23.5

153 13.4 11.4 17.0



#50

Dimethylphthalate

Concen: 42.691 ng

RT: 9.639 min Scan# 1250

Delta R.T. 0.006 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

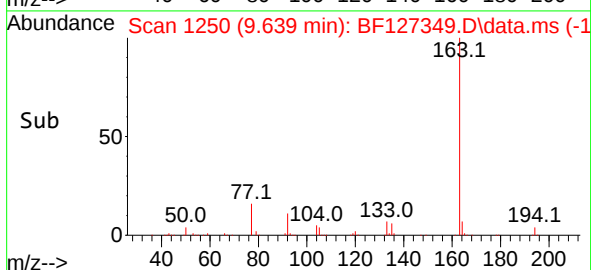
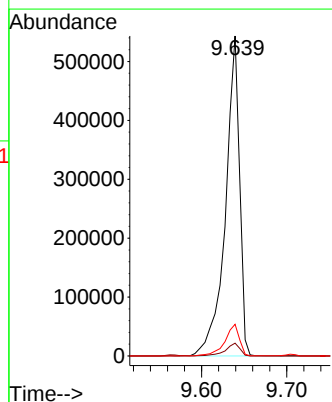
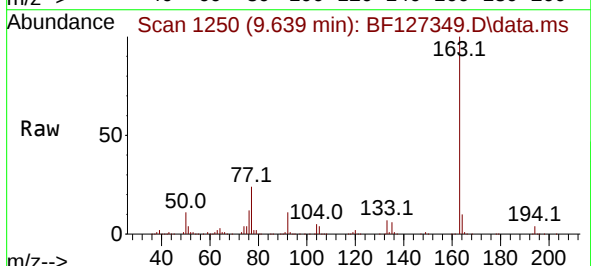
Tgt Ion:163 Resp: 626155

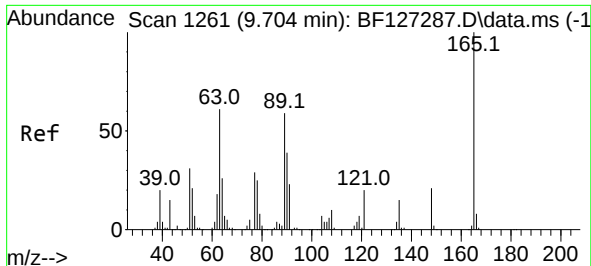
Ion Ratio Lower Upper

163 100

194 4.0 2.6 3.8#

164 9.9 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 44.791 ng

RT: 9.704 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

Instrument :

BNA_F

ClientSampleId :

PB143388BS

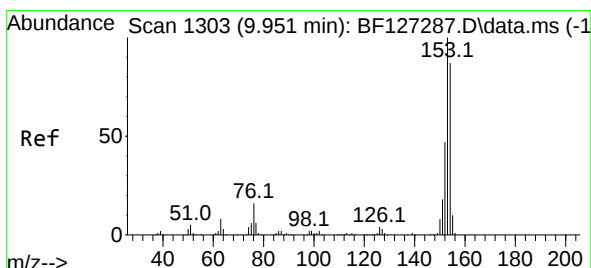
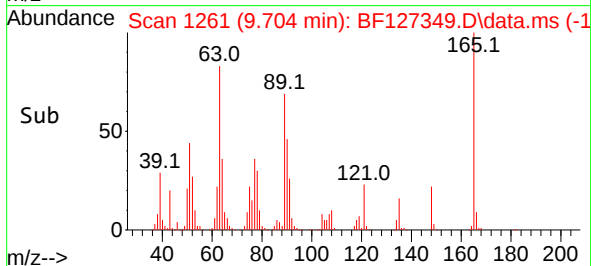
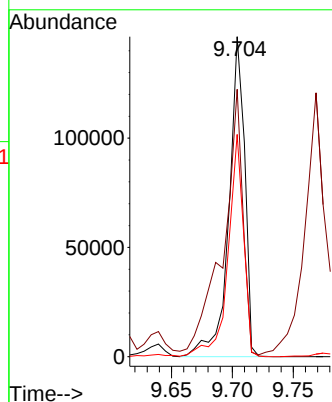
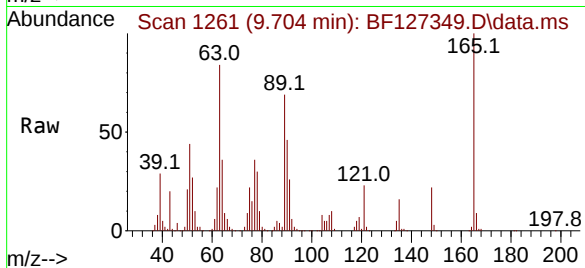
Tgt Ion:165 Resp: 132892

Ion Ratio Lower Upper

165 100

63 83.6 48.4 72.6#

89 69.4 50.5 75.7



#52

Acenaphthene

Concen: 41.435 ng

RT: 9.951 min Scan# 1303

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

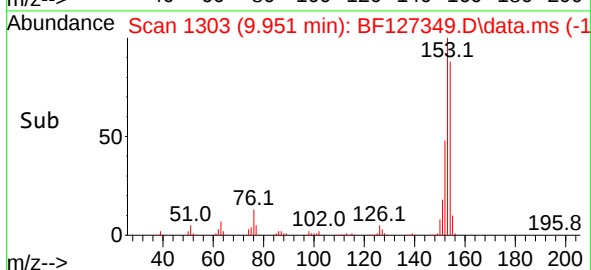
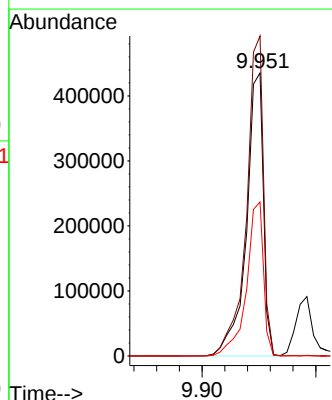
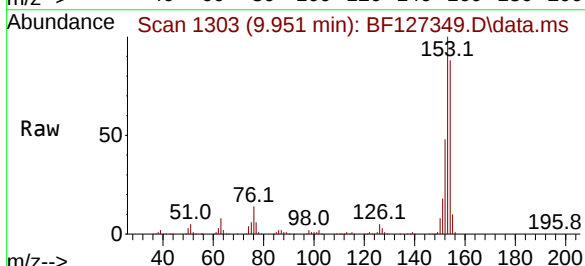
Tgt Ion:154 Resp: 454545

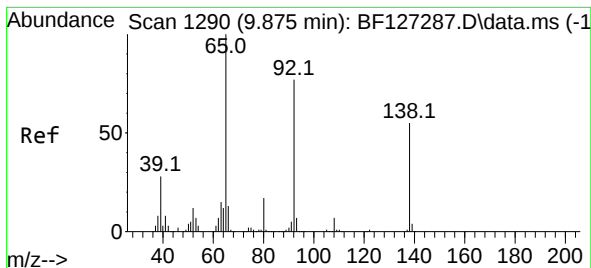
Ion Ratio Lower Upper

154 100

153 113.0 87.8 131.6

152 54.4 39.4 59.2





#53

3-Nitroaniline

Concen: 27.476 ng

RT: 9.875 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

Instrument :

BNA_F

ClientSampleId :

PB143388BS

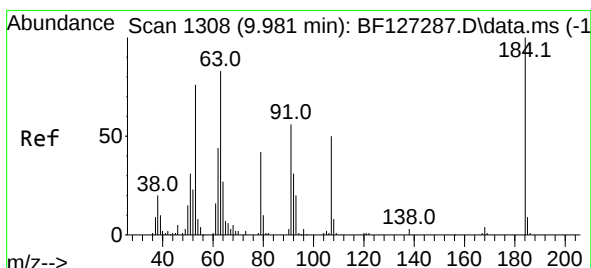
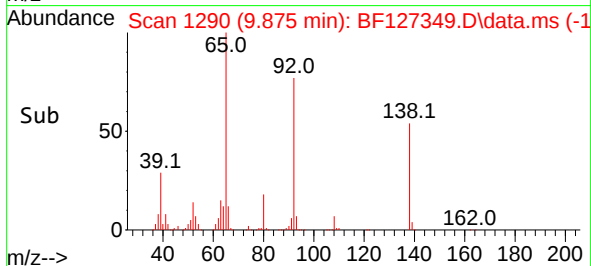
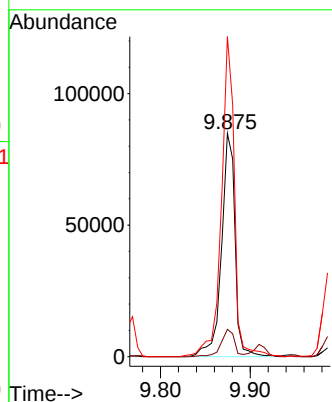
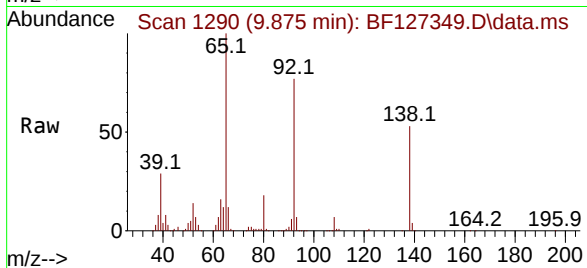
Tgt Ion:138 Resp: 88835

Ion Ratio Lower Upper

138 100

108 12.3 8.6 13.0

92 143.3 105.0 157.6



#54

2,4-Dinitrophenol

Concen: 81.961 ng

RT: 9.992 min Scan# 1310

Delta R.T. 0.011 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

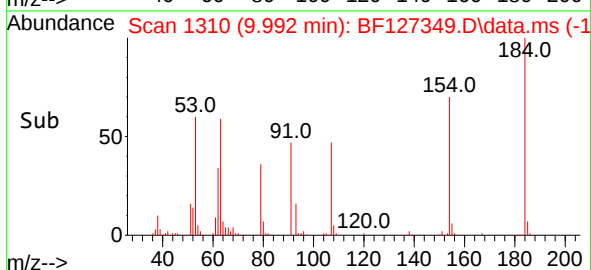
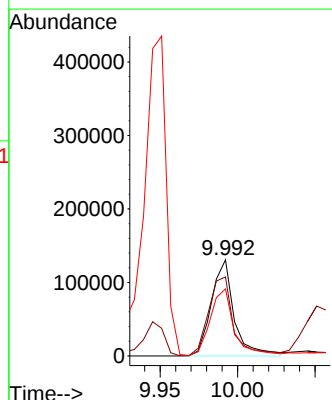
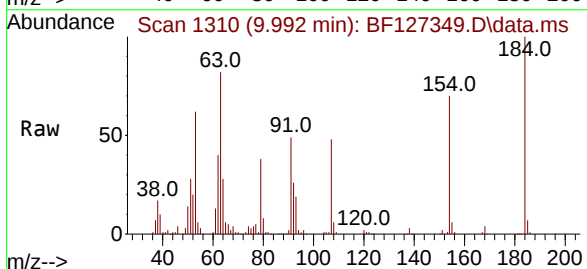
Tgt Ion:184 Resp: 134171

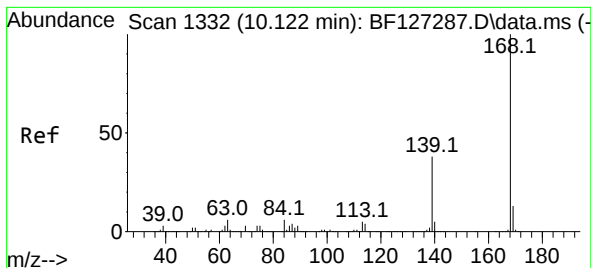
Ion Ratio Lower Upper

184 100

63 82.1 70.4 105.6

154 69.7 49.7 74.5





#55

Dibenzenofuran

Concen: 41.685 ng

RT: 10.122 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

Instrument :

BNA_F

ClientSampleId :

PB143388BS

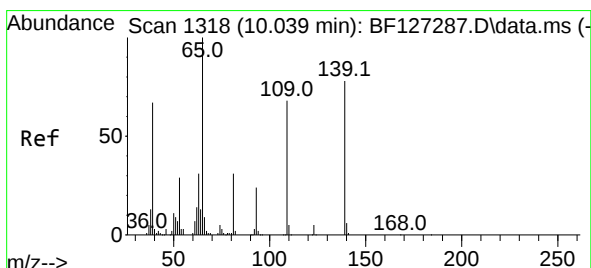
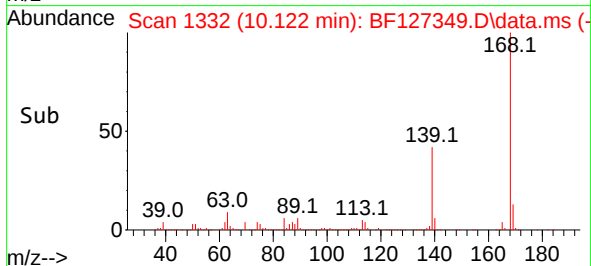
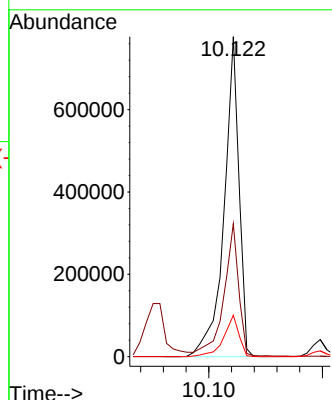
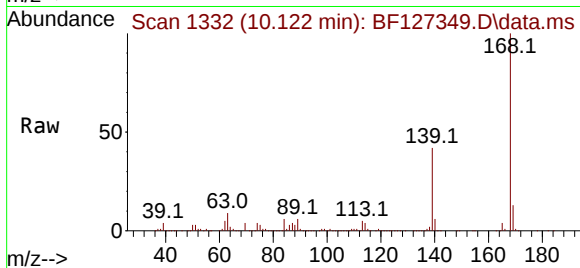
Tgt Ion:168 Resp: 710415

Ion Ratio Lower Upper

168 100

139 41.5 30.6 46.0

169 12.9 10.0 15.0



#56

4-Nitrophenol

Concen: 84.126 ng

RT: 10.051 min Scan# 1320

Delta R.T. 0.012 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

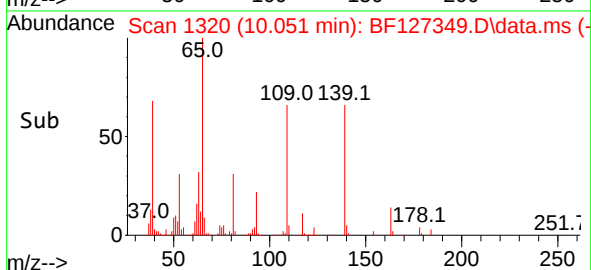
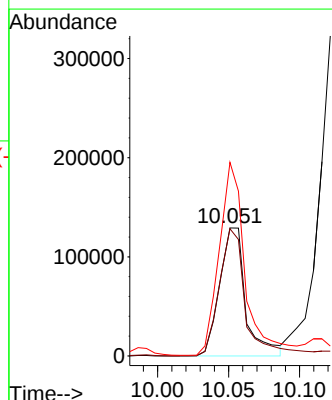
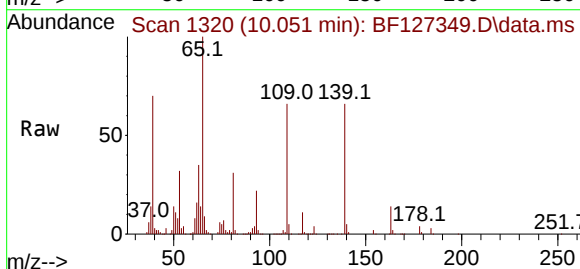
Tgt Ion:139 Resp: 165320

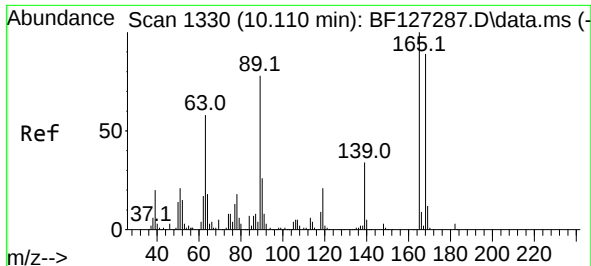
Ion Ratio Lower Upper

139 100

109 99.4 44.1 84.1#

65 151.2 85.5 125.5#

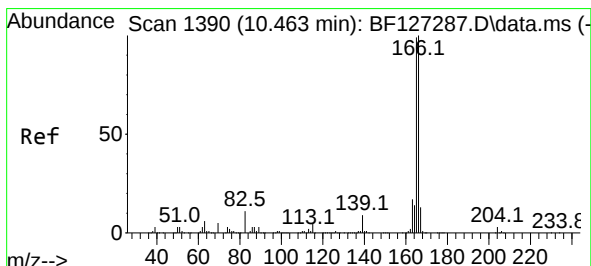
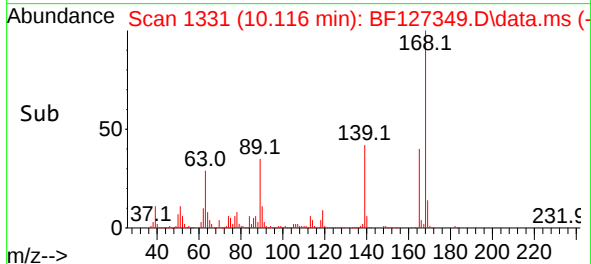
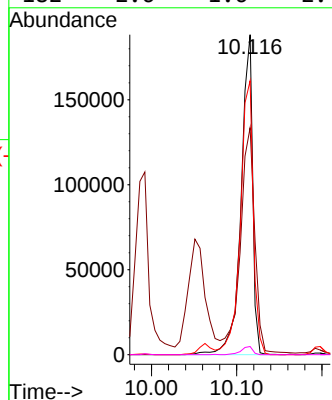
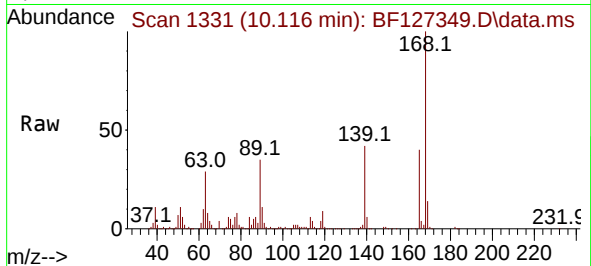




#57
2,4-Dinitrotoluene
Concen: 45.556 ng
RT: 10.116 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

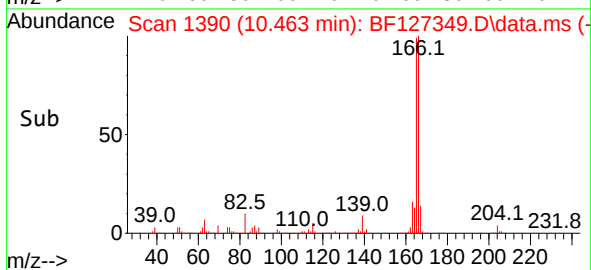
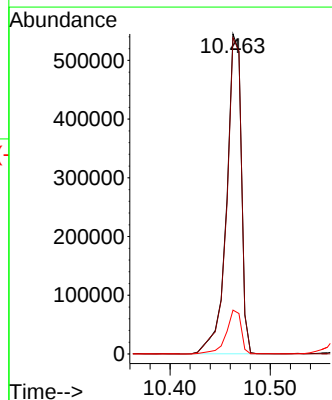
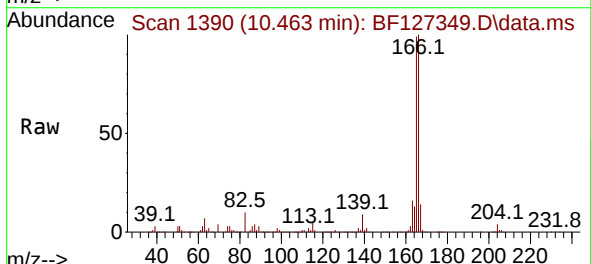
Instrument :
BNA_F
ClientSampleId :
PB143388BS

Tgt Ion:165 Resp: 177833
Ion Ratio Lower Upper
165 100
63 70.9 43.0 64.6#
89 85.6 71.0 106.4
182 2.6 1.6 2.4#



#58
Fluorene
Concen: 41.922 ng
RT: 10.463 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

Tgt Ion:166 Resp: 554003
Ion Ratio Lower Upper
166 100
165 98.8 77.7 116.5
167 13.7 10.7 16.1

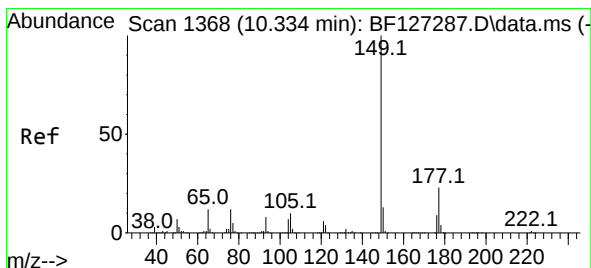
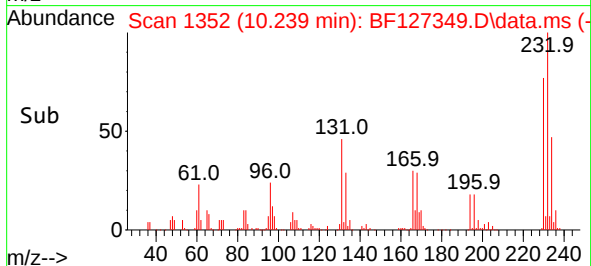
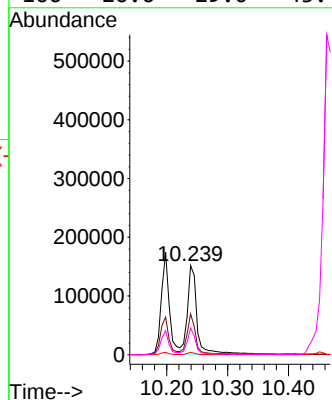
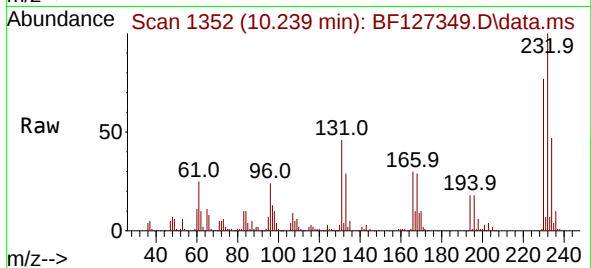




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.189 ng
RT: 10.239 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

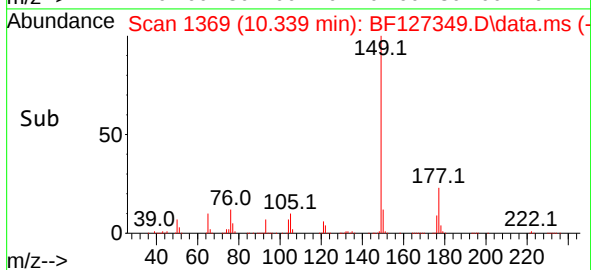
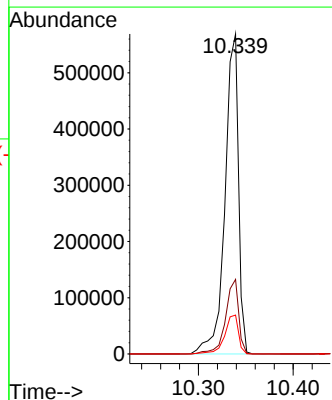
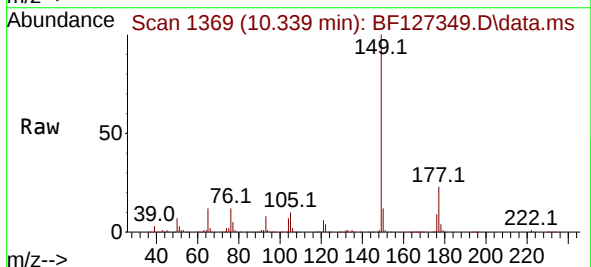
Instrument :
BNA_F
ClientSampleId :
PB143388BS

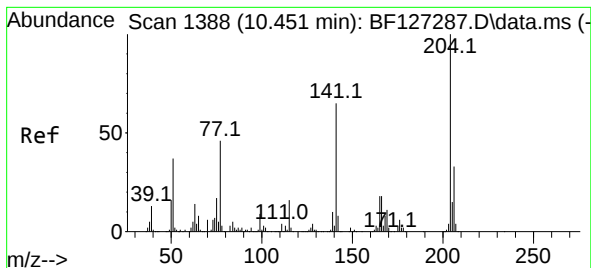
Tgt Ion:232 Resp: 166606
Ion Ratio Lower Upper
232 100
131 39.1 50.0 75.0#
130 2.3 2.2 3.2
166 26.6 29.0 43.4#



#60
Diethylphthalate
Concen: 42.246 ng
RT: 10.339 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

Tgt Ion:149 Resp: 565206
Ion Ratio Lower Upper
149 100
177 23.3 16.7 25.1
150 12.1 9.8 14.8

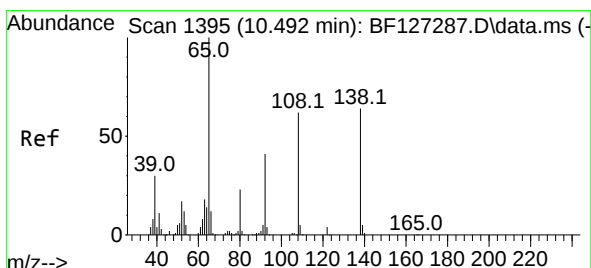
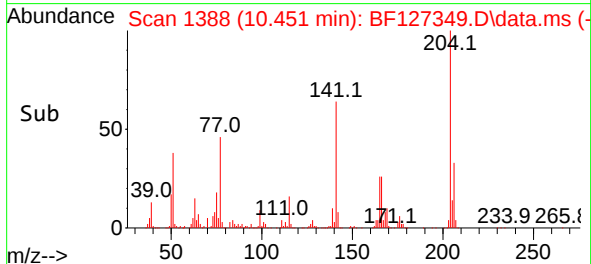
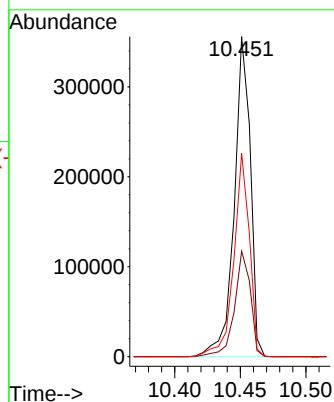
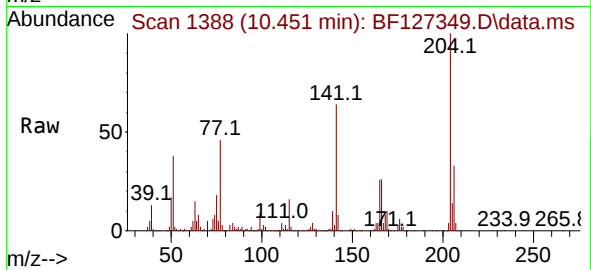




#61
4-Chlorophenyl-phenylether
Concen: 42.595 ng
RT: 10.451 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

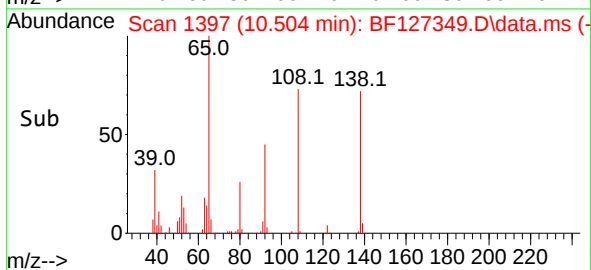
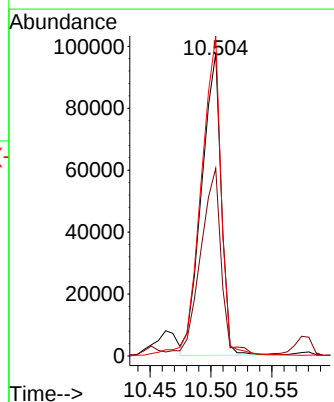
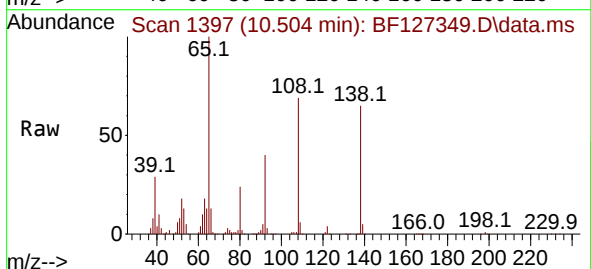
Instrument :
BNA_F
ClientSampleId :
PB143388BS

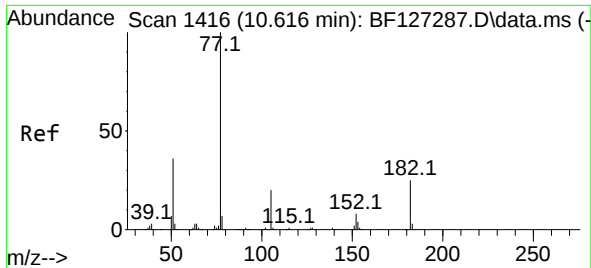
Tgt Ion:204 Resp: 305051
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 63.5 59.0 88.6



#62
4-Nitroaniline
Concen: 33.848 ng
RT: 10.504 min Scan# 1397
Delta R.T. 0.012 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

Tgt Ion:138 Resp: 109051
Ion Ratio Lower Upper
138 100
92 62.0 36.2 76.2
108 105.7 46.7 86.7#

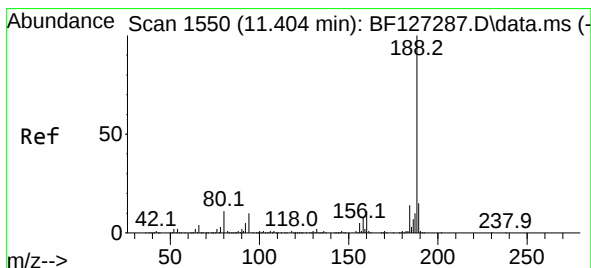
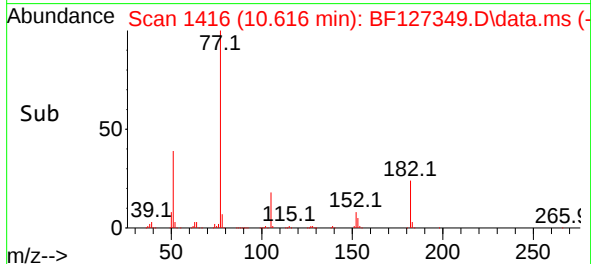
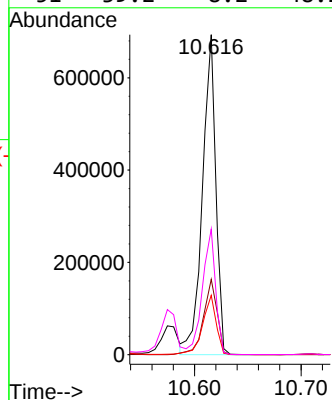
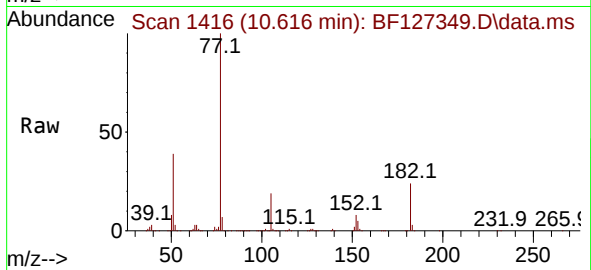




#63
Azobenzene
Concen: 39.480 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

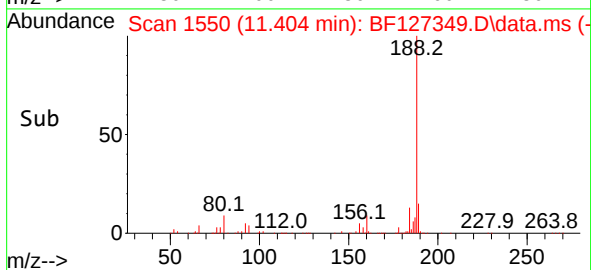
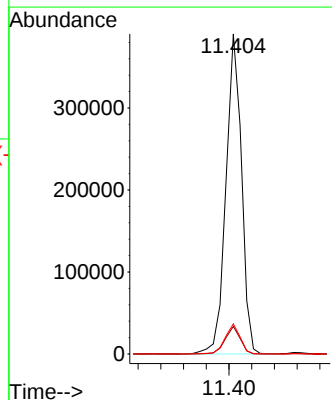
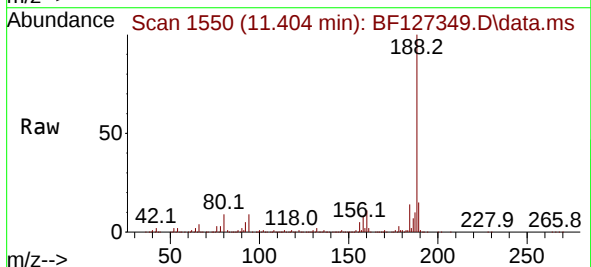
Instrument :
BNA_F
ClientSampleId :
PB143388BS

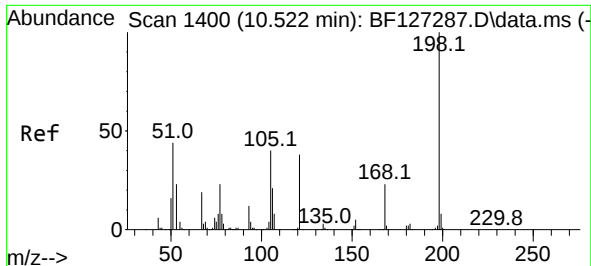
Tgt Ion: 77	Resp: 607163
Ion Ratio	Lower Upper
77 100	
182 23.6	0.0 39.0
105 18.5	3.2 43.2
51 39.2	8.2 48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

Tgt Ion:188	Resp: 372148
Ion Ratio	Lower Upper
188 100	
94 8.6	10.1 15.1#
80 9.4	11.8 17.6#

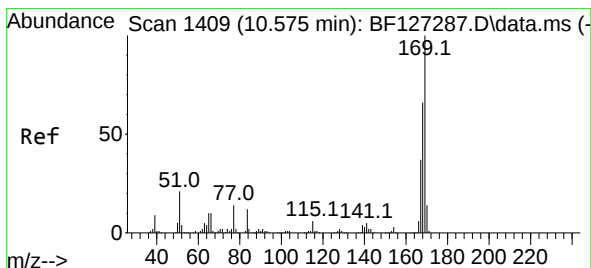
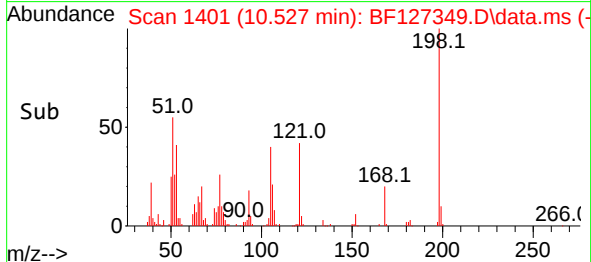
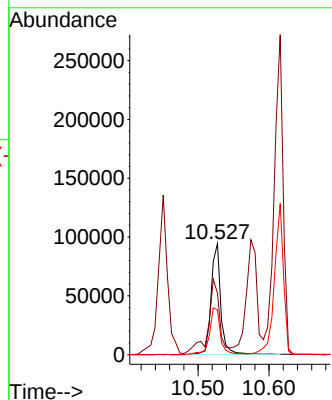
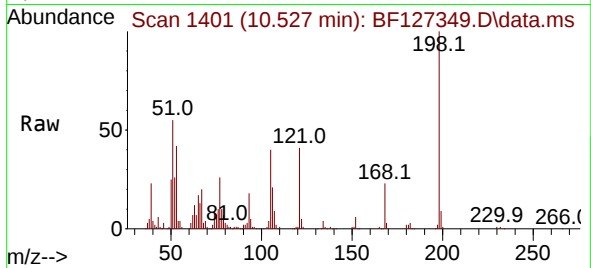




#65
4,6-Dinitro-2-methylphenol
Concen: 39.546 ng
RT: 10.527 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

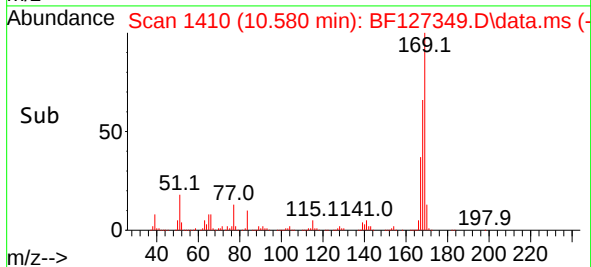
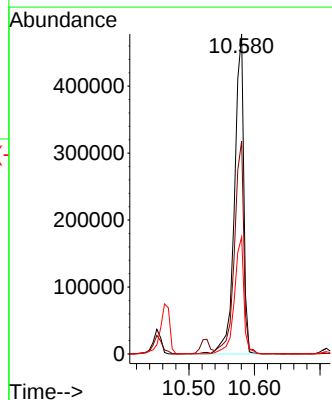
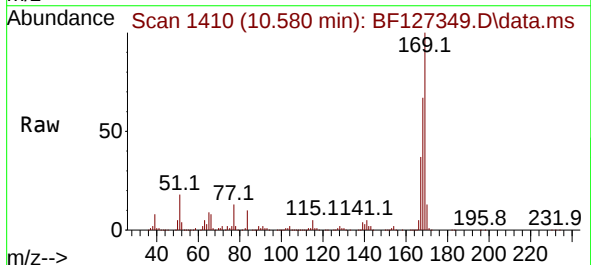
Instrument :
BNA_F
ClientSampleId :
PB143388BS

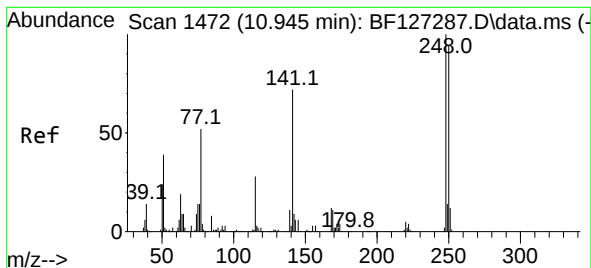
Tgt Ion:198 Resp: 90739
Ion Ratio Lower Upper
198 100
51 55.2 32.0 72.0
105 40.2 32.7 72.7



#66
n-Nitrosodiphenylamine
Concen: 40.369 ng
RT: 10.580 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

Tgt Ion:169 Resp: 466582
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.0
167 36.6 29.4 44.0

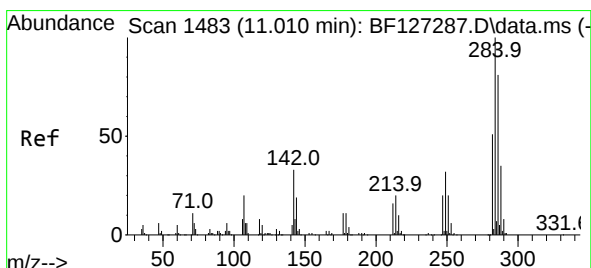
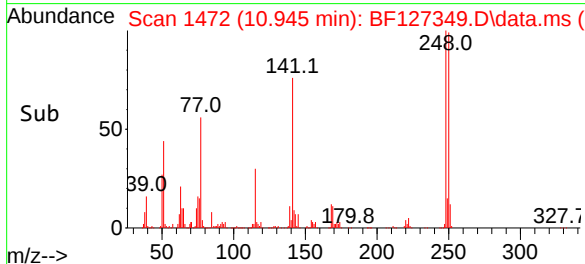
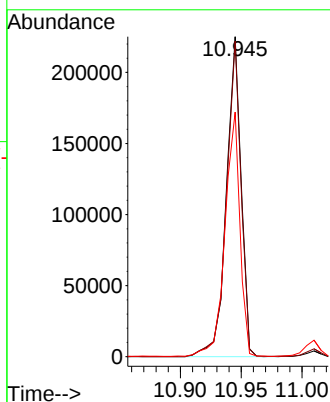
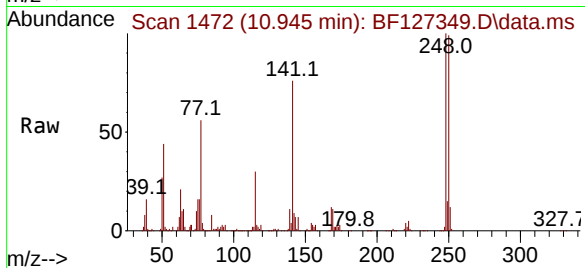




#67
4-Bromophenyl-phenylether
Concen: 42.444 ng
RT: 10.945 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

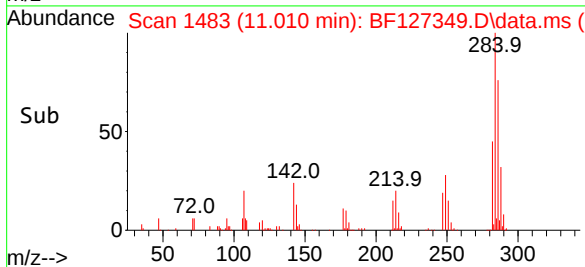
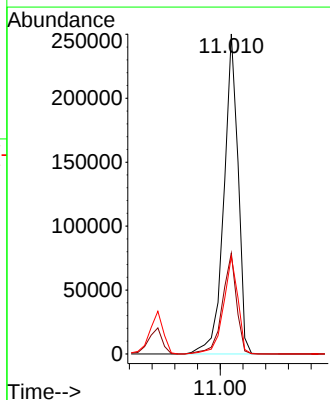
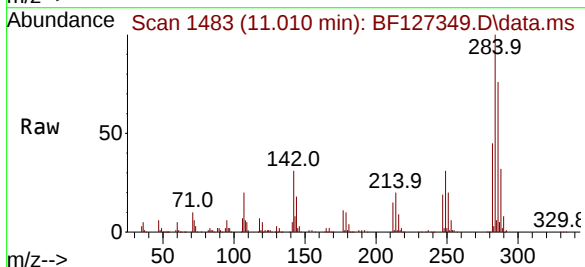
Instrument :
BNA_F
ClientSampleId :
PB143388BS

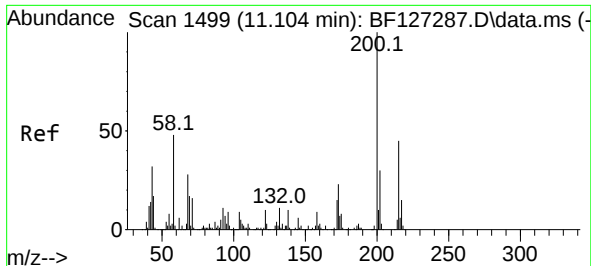
Tgt Ion:248 Resp: 190405
Ion Ratio Lower Upper
248 100
250 98.6 76.2 114.4
141 76.4 66.2 99.4



#68
Hexachlorobenzene
Concen: 44.389 ng
RT: 11.010 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

Tgt Ion:284 Resp: 217022
Ion Ratio Lower Upper
284 100
142 31.5 30.7 46.1
249 30.5 21.1 31.7

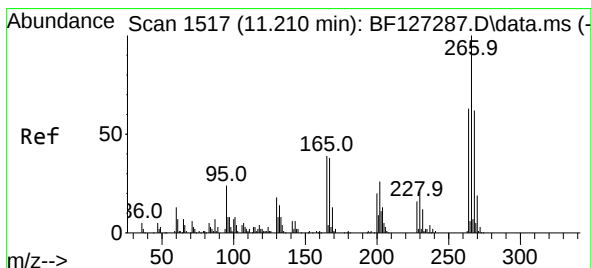
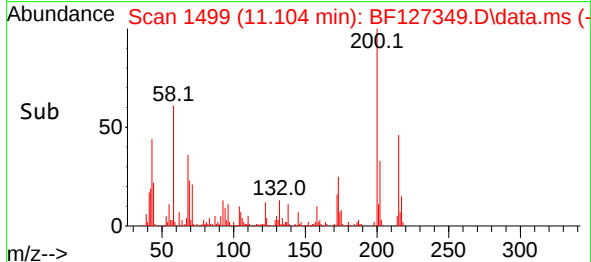
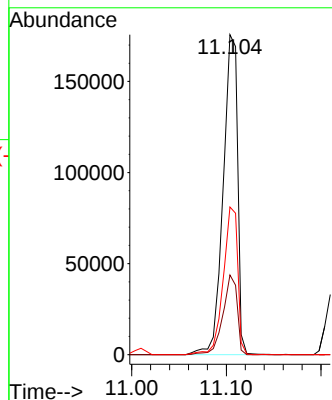
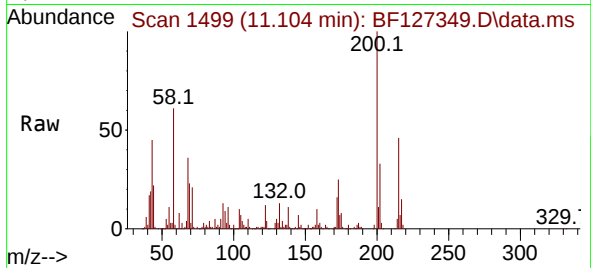




#69
 Atrazine
 Concen: 46.815 ng
 RT: 11.104 min Scan# 1499
 Delta R.T. -0.000 min
 Lab File: BF127349.D
 Acq: 16 Mar 2022 14:39

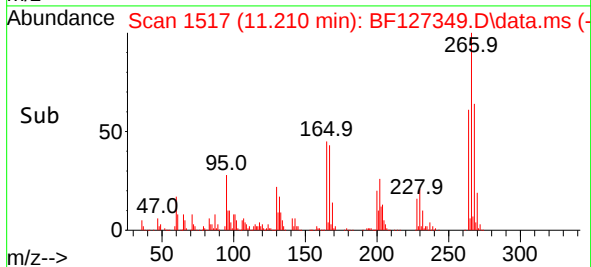
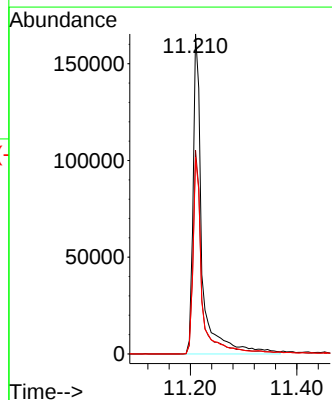
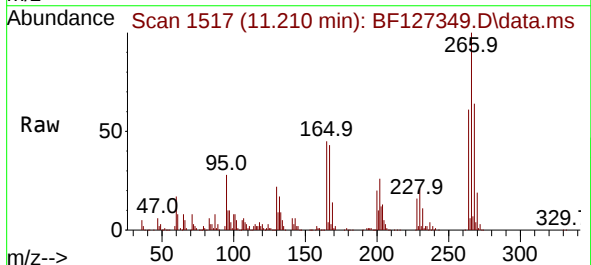
Instrument :
 BNA_F
 ClientSampleId :
 PB143388BS

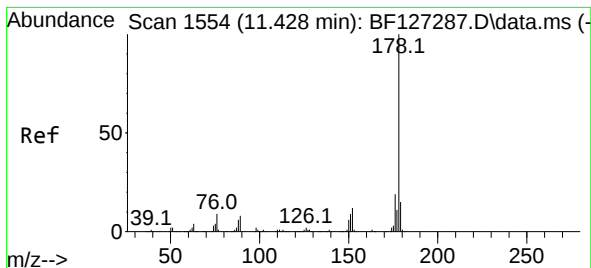
Tgt Ion:200 Resp: 186713
 Ion Ratio Lower Upper
 200 100
 173 24.9 9.2 49.2
 215 46.1 23.2 63.2



#70
 Pentachlorophenol
 Concen: 98.642 ng
 RT: 11.210 min Scan# 1517
 Delta R.T. -0.000 min
 Lab File: BF127349.D
 Acq: 16 Mar 2022 14:39

Tgt Ion:266 Resp: 194717
 Ion Ratio Lower Upper
 266 100
 268 63.6 52.3 78.5
 264 61.4 50.4 75.6





#71

Phenanthrene

Concen: 41.252 ng

RT: 11.433 min Scan# 1555

Delta R.T. 0.006 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

Instrument :

BNA_F

ClientSampleId :

PB143388BS

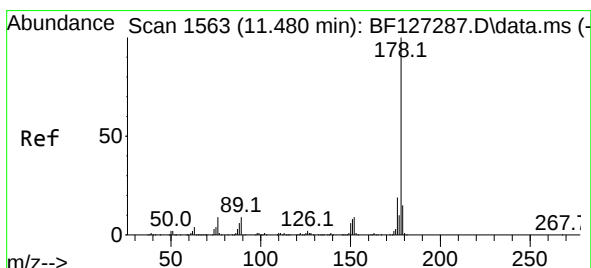
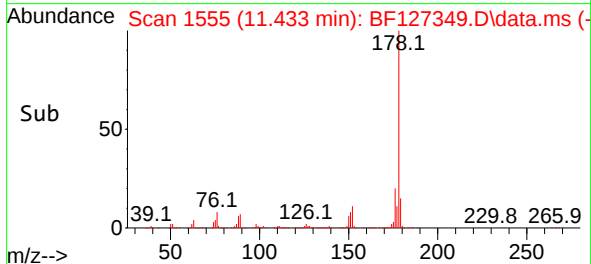
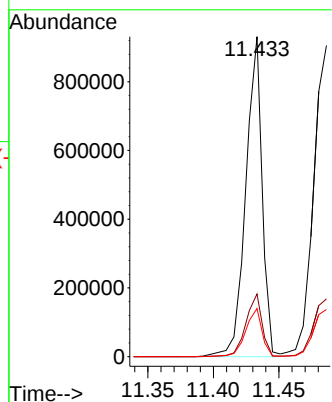
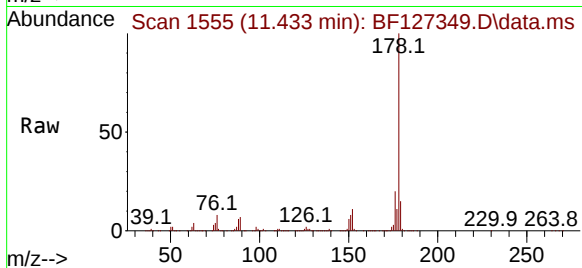
Tgt Ion:178 Resp: 810406

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

179 15.1 12.3 18.5



#72

Anthracene

Concen: 42.712 ng

RT: 11.486 min Scan# 1564

Delta R.T. 0.006 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

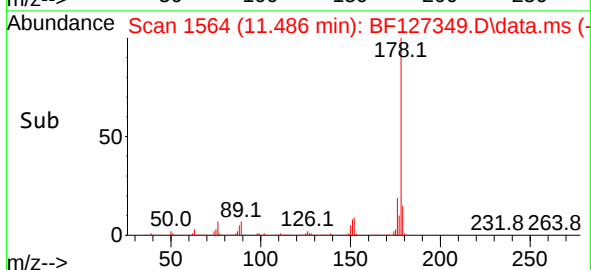
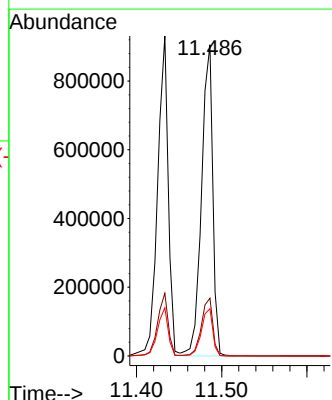
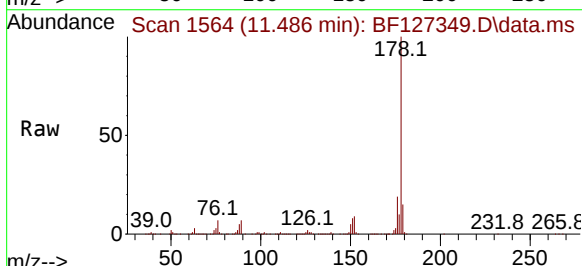
Tgt Ion:178 Resp: 830986

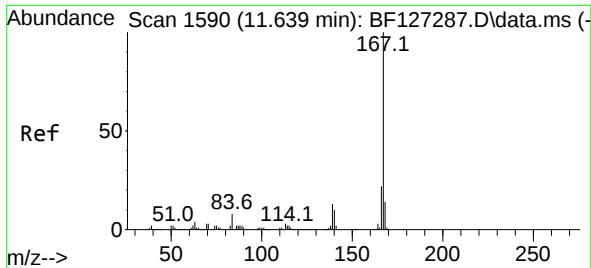
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

179 15.2 12.5 18.7

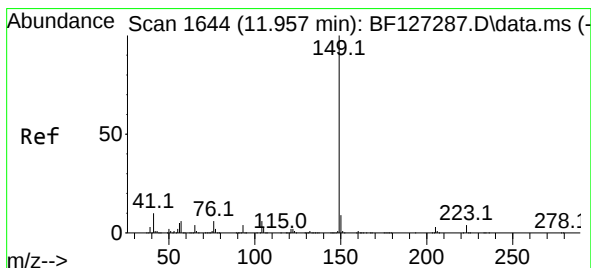
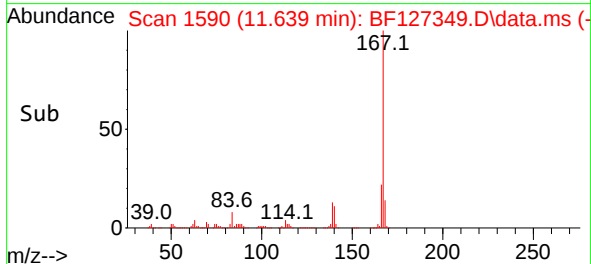
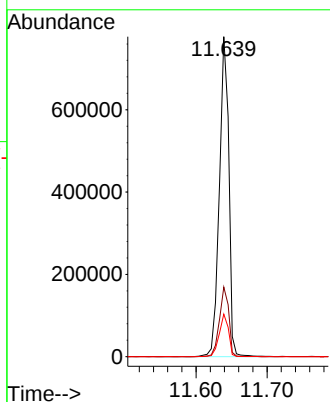
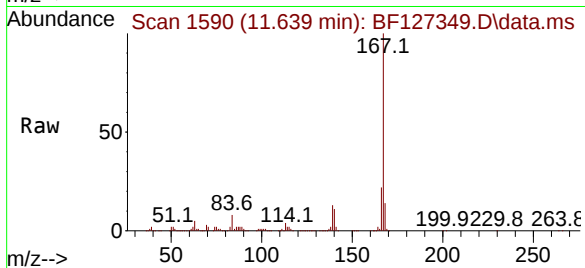




#73
 Carbazole
 Concen: 38.926 ng
 RT: 11.639 min Scan# 1590
 Delta R.T. -0.000 min
 Lab File: BF127349.D
 Acq: 16 Mar 2022 14:39

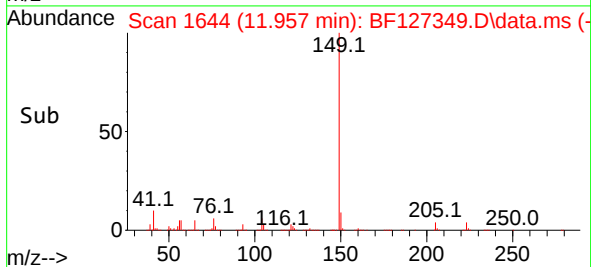
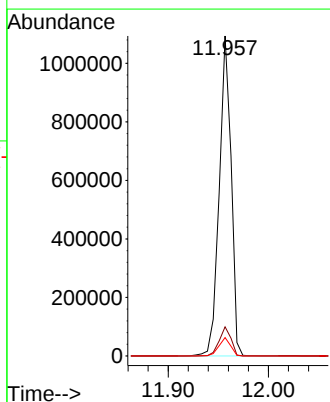
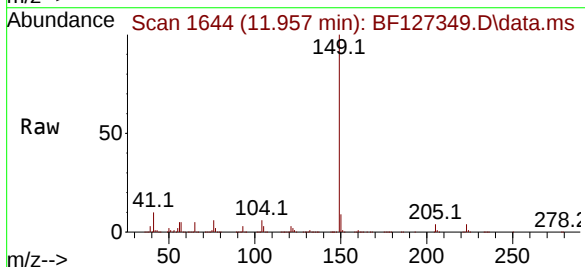
Instrument :
 BNA_F
 ClientSampleId :
 PB143388BS

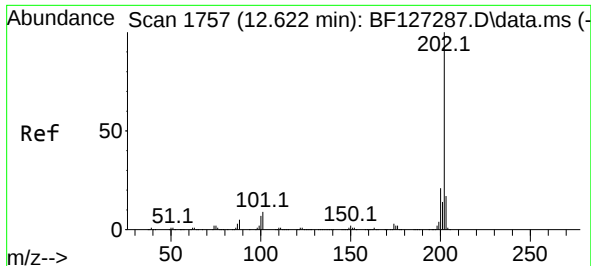
Tgt Ion:167	Resp:	713174	
Ion	Ratio	Lower	Upper
167	100		
166	21.7	16.9	25.3
139	13.3	11.3	16.9



#74
 Di-n-butylphthalate
 Concen: 41.834 ng
 RT: 11.957 min Scan# 1644
 Delta R.T. -0.000 min
 Lab File: BF127349.D
 Acq: 16 Mar 2022 14:39

Tgt Ion:149	Resp:	896462	
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	5.7	4.2	6.2

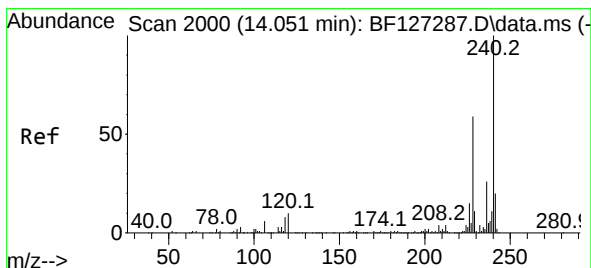
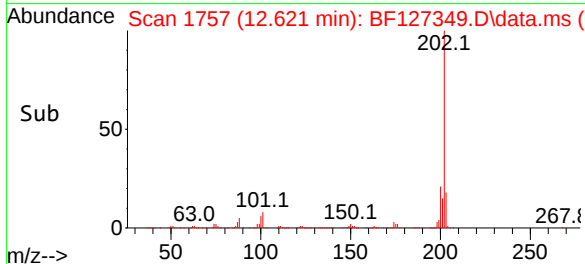
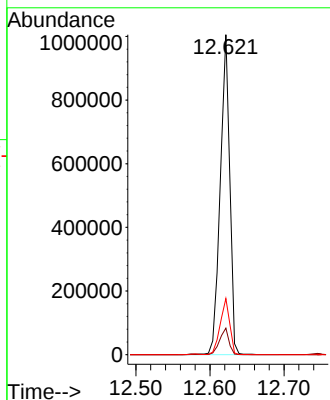
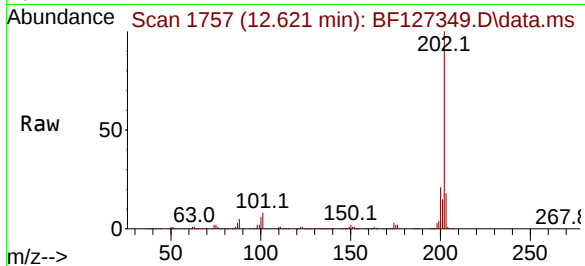




#75
Fluoranthene
Concen: 40.810 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

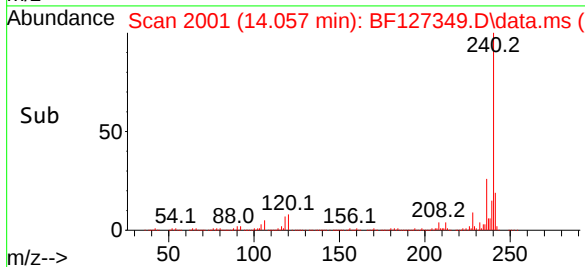
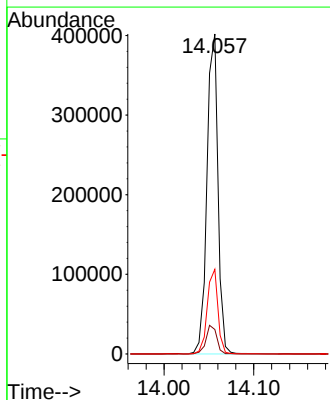
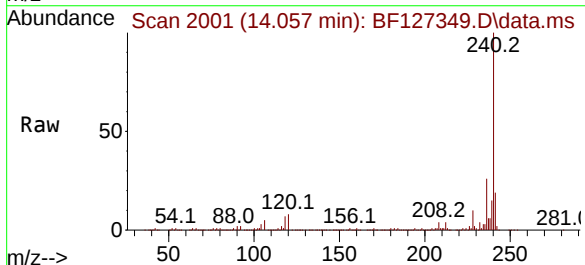
Instrument :
BNA_F
ClientSampleId :
PB143388BS

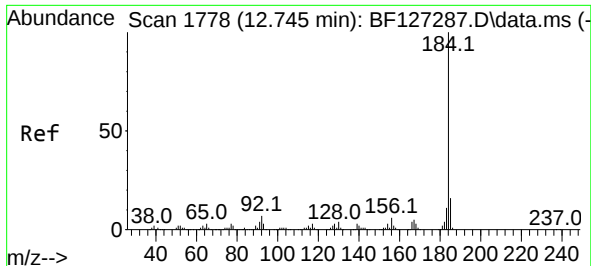
Tgt Ion:202 Resp: 896406
Ion Ratio Lower Upper
202 100
101 8.3 0.0 35.7
203 17.6 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. 0.006 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

Tgt Ion:240 Resp: 342709
Ion Ratio Lower Upper
240 100
120 7.6 14.4 21.6#
236 26.5 20.5 30.7

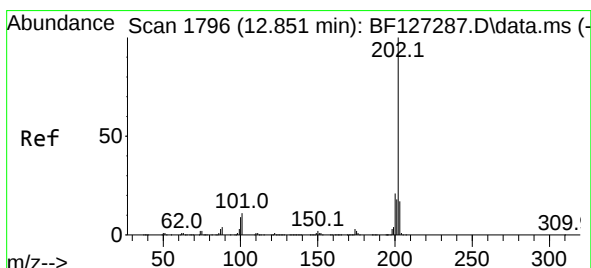
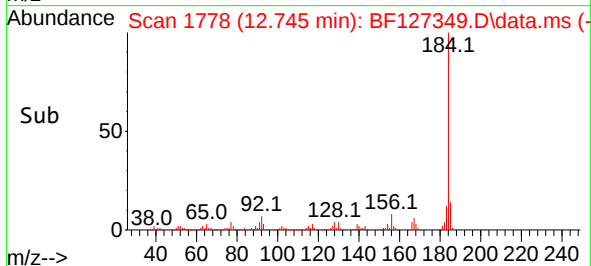
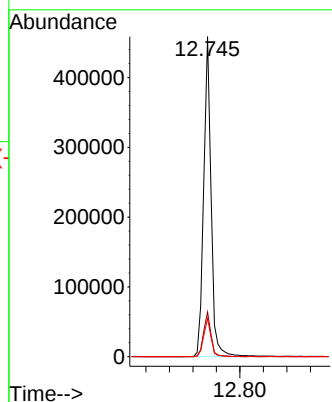
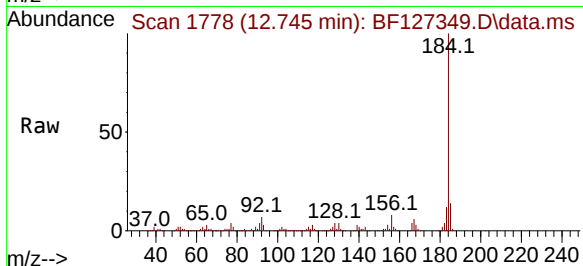




#77
Benzidine
Concen: 46.466 ng
RT: 12.745 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

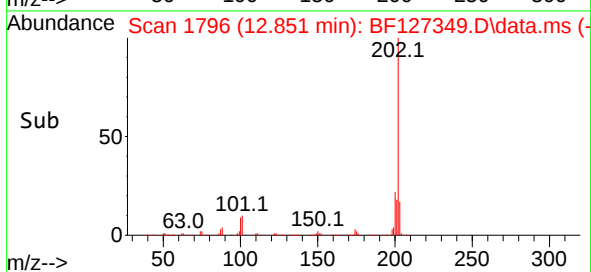
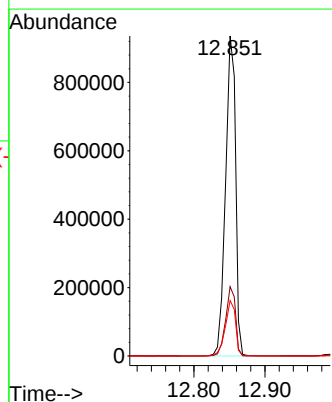
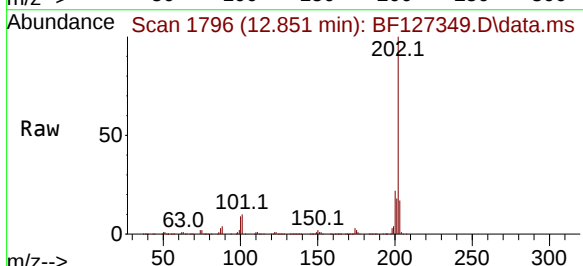
Instrument :
BNA_F
ClientSampleId :
PB143388BS

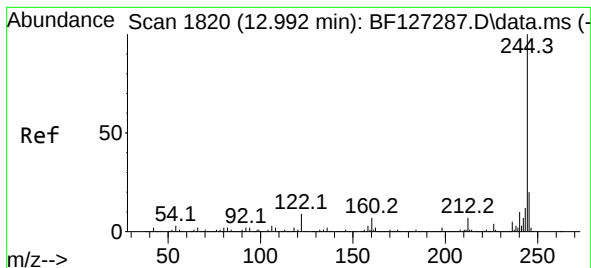
Tgt Ion:184 Resp: 404958
Ion Ratio Lower Upper
184 100
185 13.9 11.8 17.8
183 12.0 8.2 12.2



#78
Pyrene
Concen: 34.236 ng
RT: 12.851 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

Tgt Ion:202 Resp: 913889
Ion Ratio Lower Upper
202 100
200 21.6 16.6 24.8
203 17.3 13.8 20.8





#79

Terphenyl-d14

Concen: 70.790 ng

RT: 12.992 min Scan# 1820

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

Instrument :

BNA_F

ClientSampleId :

PB143388BS

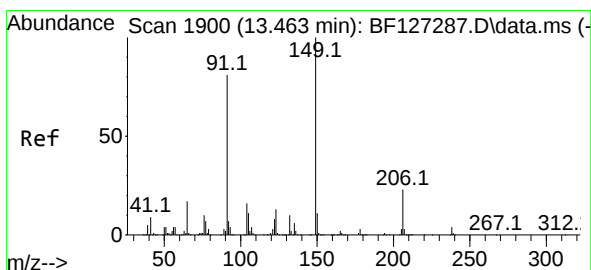
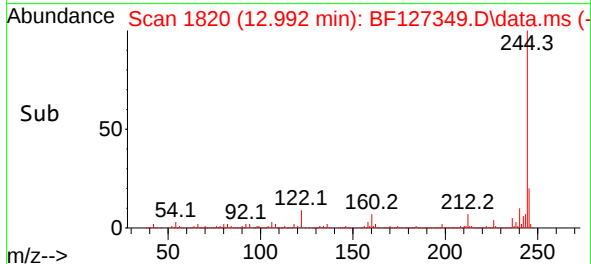
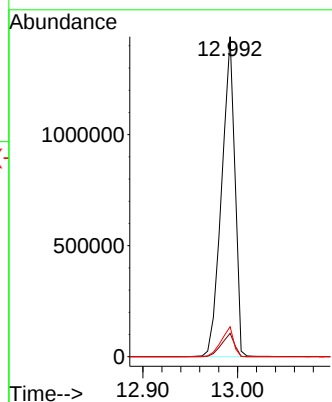
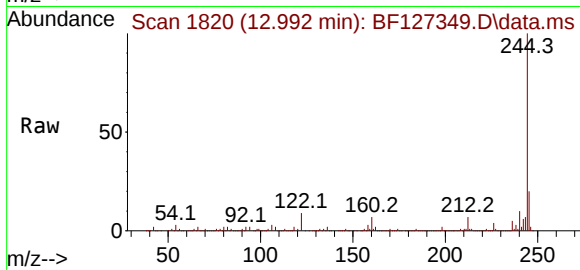
Tgt Ion:244 Resp: 1408885

Ion Ratio Lower Upper

244 100

212 7.3 5.0 7.4

122 9.3 13.3 19.9#



#80

Butylbenzylphthalate

Concen: 35.715 ng

RT: 13.463 min Scan# 1900

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

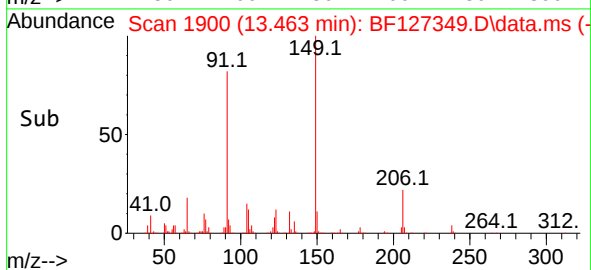
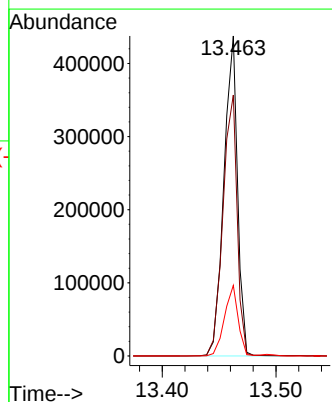
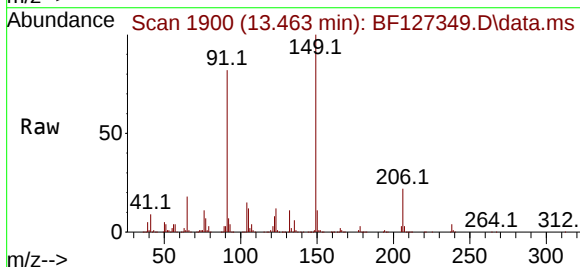
Tgt Ion:149 Resp: 366905

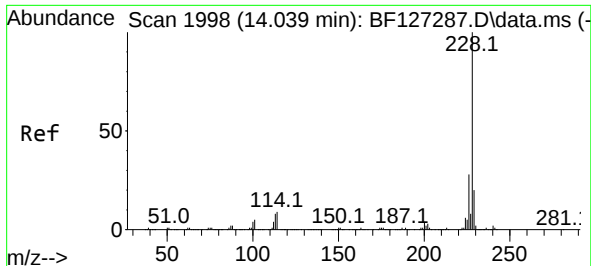
Ion Ratio Lower Upper

149 100

91 81.6 70.5 105.7

206 22.1 12.6 19.0#

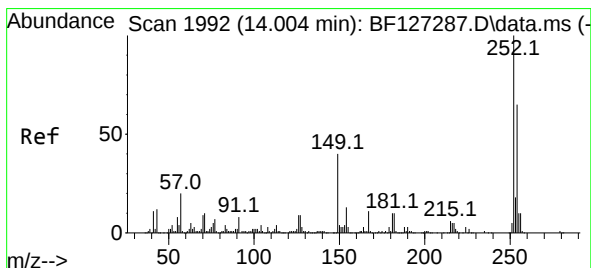
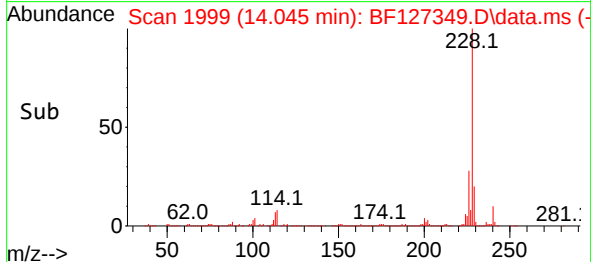
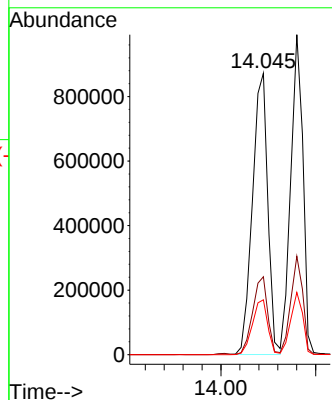
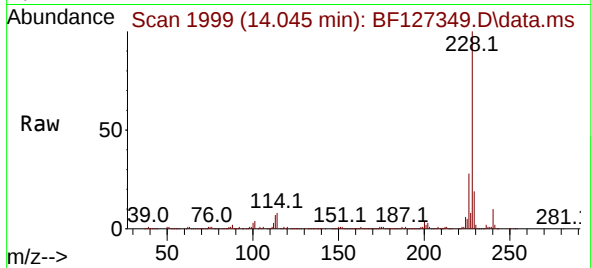




#81
Benzo(a)anthracene
Concen: 42.592 ng
RT: 14.045 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

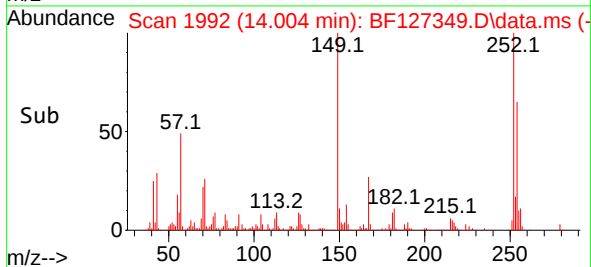
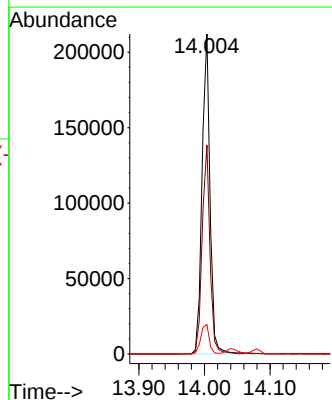
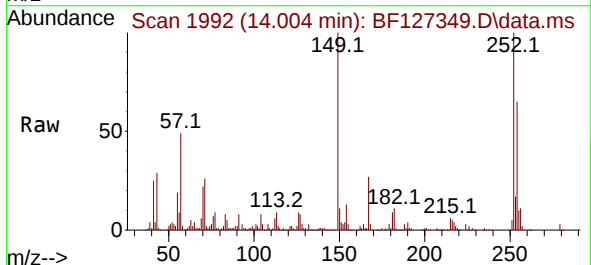
Instrument :
BNA_F
ClientSampleId :
PB143388BS

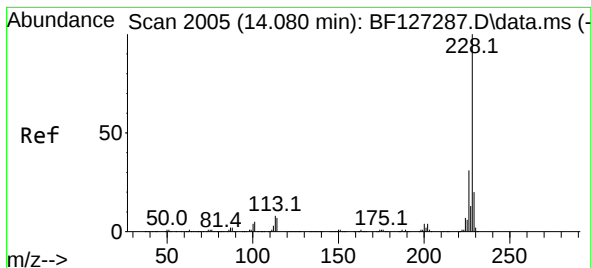
Tgt Ion:228 Resp: 982841
Ion Ratio Lower Upper
228 100
226 27.7 21.4 32.0
229 19.5 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 25.015 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BF127349.D
Acq: 16 Mar 2022 14:39

Tgt Ion:252 Resp: 179481
Ion Ratio Lower Upper
252 100
254 65.2 51.0 76.4
126 9.2 13.4 20.0#





#83

Chrysene

Concen: 41.334 ng

RT: 14.080 min Scan# 2005

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

Instrument :

BNA_F

ClientSampleId :

PB143388BS

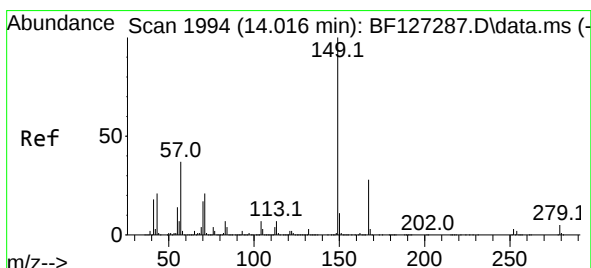
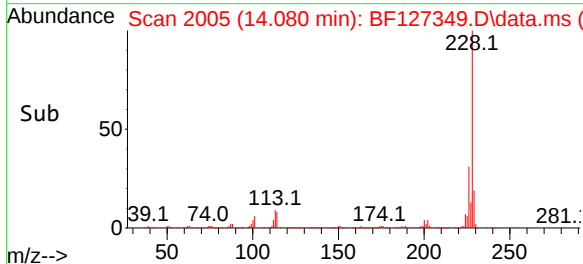
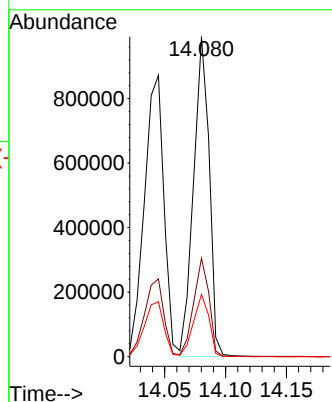
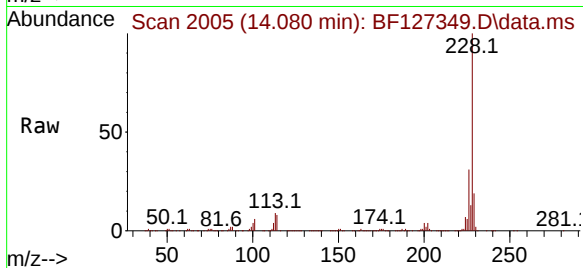
Tgt Ion:228 Resp: 887141

Ion Ratio Lower Upper

228 100

226 30.7 23.7 35.5

229 19.4 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.927 ng

RT: 14.015 min Scan# 1994

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

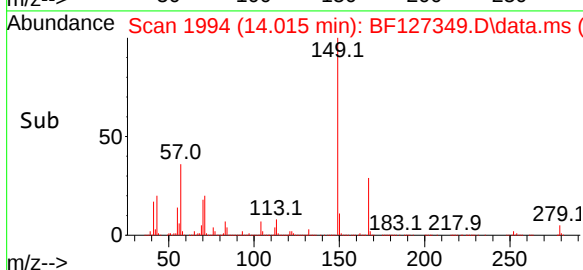
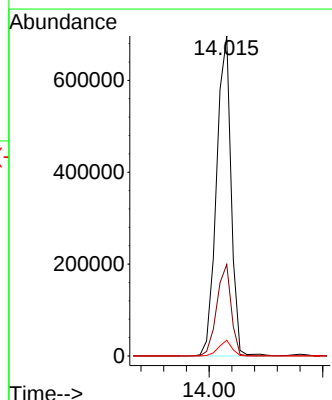
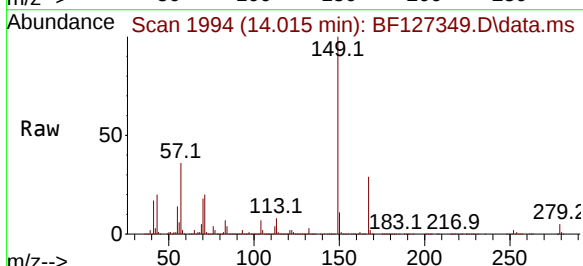
Tgt Ion:149 Resp: 621310

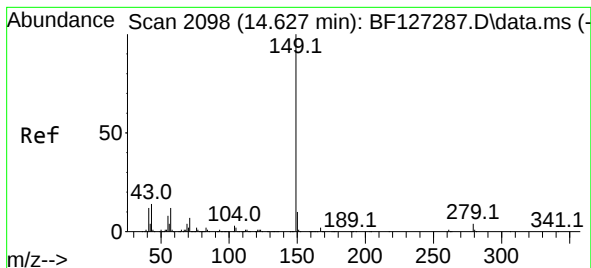
Ion Ratio Lower Upper

149 100

167 28.6 21.4 32.2

279 4.9 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 47.989 ng

RT: 14.627 min Scan# 2098

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

Instrument :

BNA_F

ClientSampleId :

PB143388BS

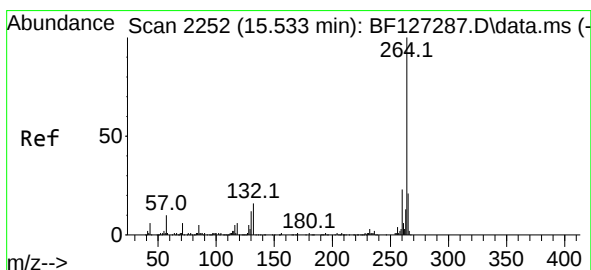
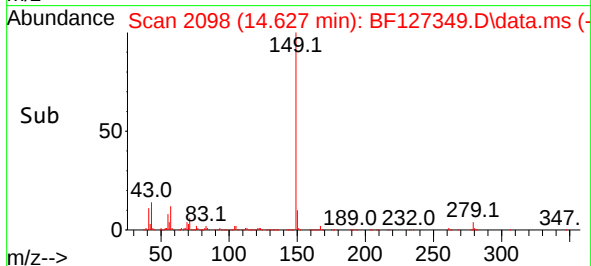
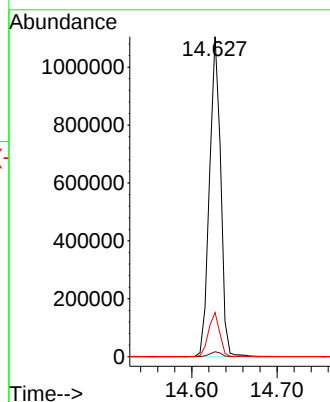
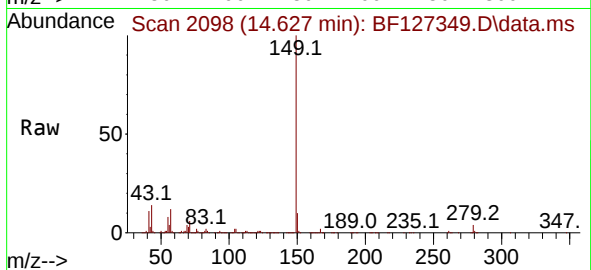
Tgt Ion:149 Resp: 1004462

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 14.0 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2253

Delta R.T. 0.006 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

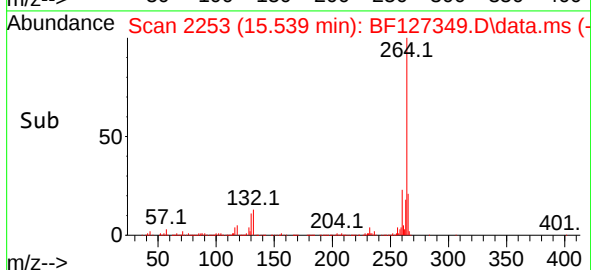
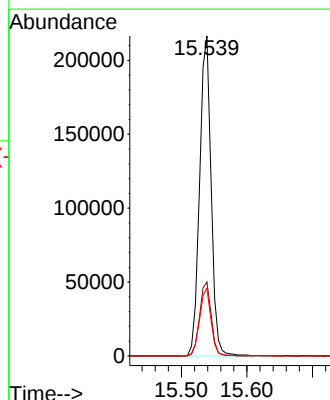
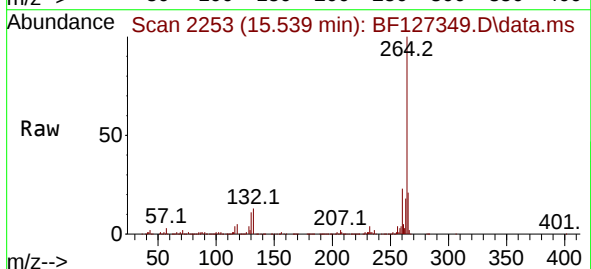
Tgt Ion:264 Resp: 264944

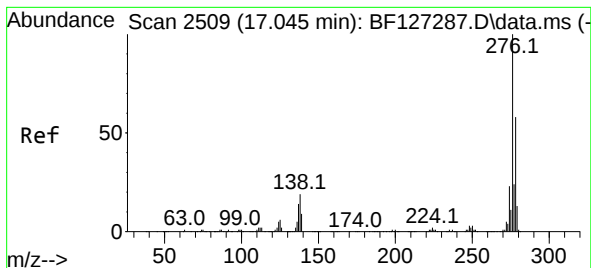
Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.1 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.211 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

Instrument :

BNA_F

ClientSampleId :

PB143388BS

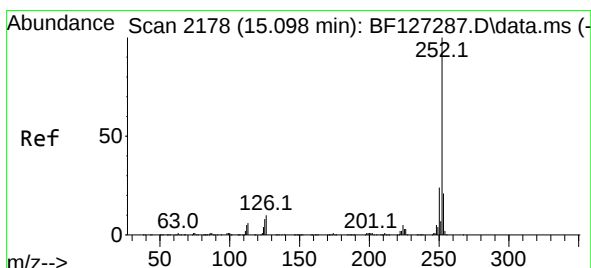
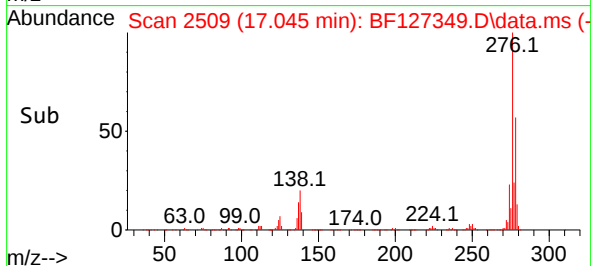
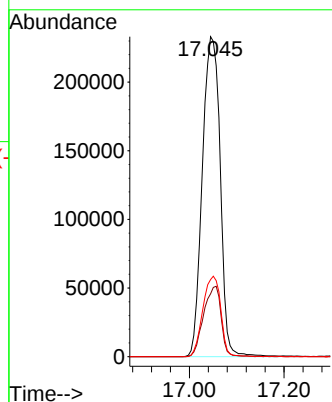
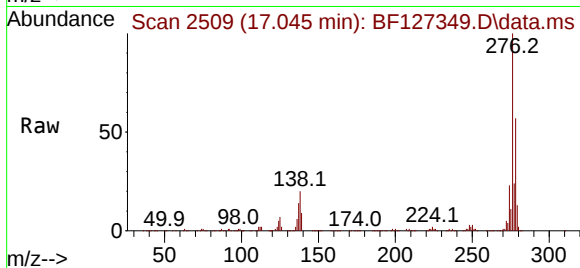
Tgt Ion:276 Resp: 609877

Ion Ratio Lower Upper

276 100

138 21.6 29.2 43.8#

277 25.2 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 45.508 ng

RT: 15.104 min Scan# 2179

Delta R.T. 0.006 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

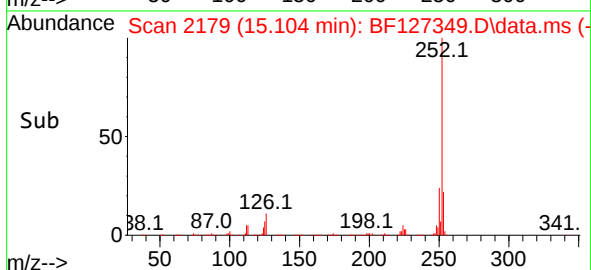
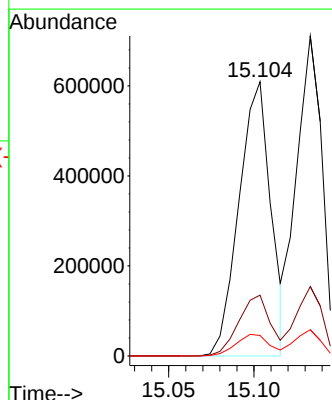
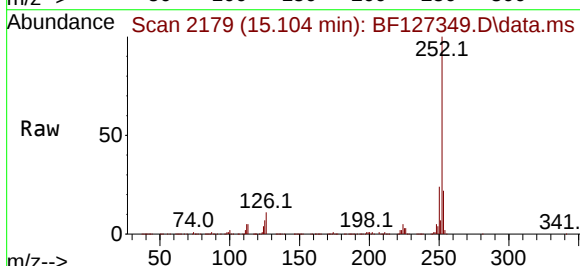
Tgt Ion:252 Resp: 791424

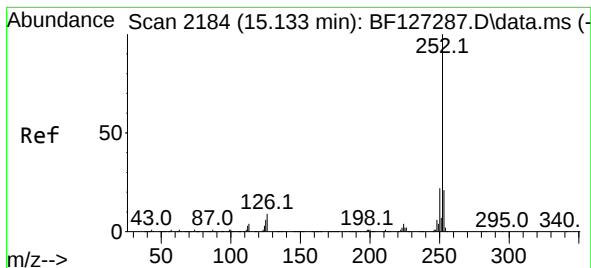
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 7.5 12.4 18.6#





#89

Benzo(k)fluoranthene

Concen: 45.975 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

Instrument :

BNA_F

ClientSampleId :

PB143388BS

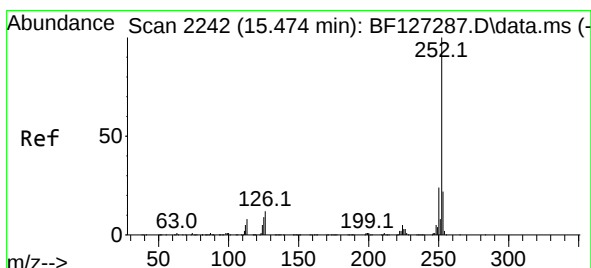
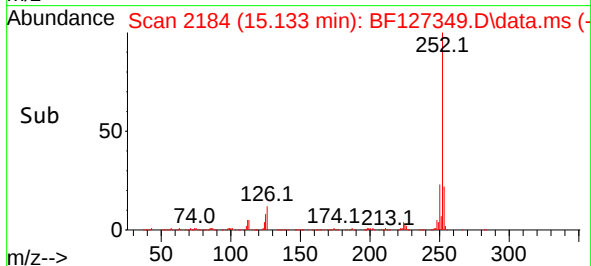
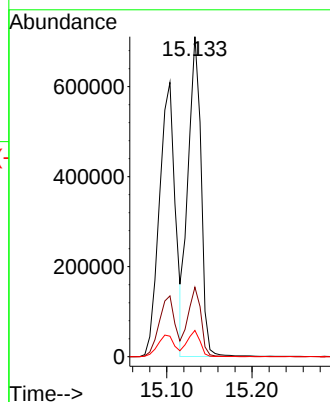
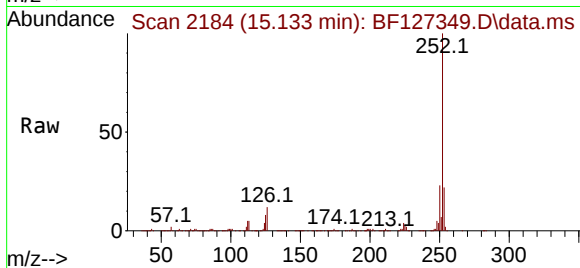
Tgt Ion:252 Resp: 751792

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.2 11.8 17.6#



#90

Benzo(a)pyrene

Concen: 51.682 ng

RT: 15.480 min Scan# 2243

Delta R.T. 0.006 min

Lab File: BF127349.D

Acq: 16 Mar 2022 14:39

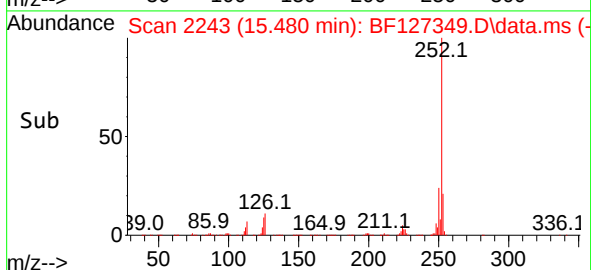
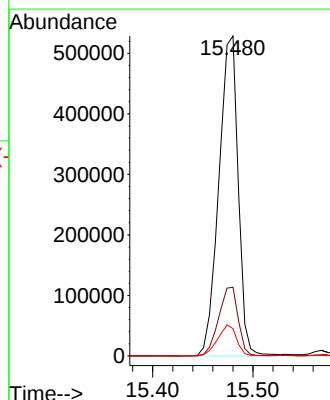
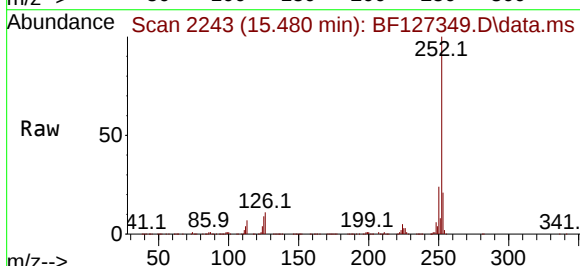
Tgt Ion:252 Resp: 707768

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

125 8.6 13.0 19.6#

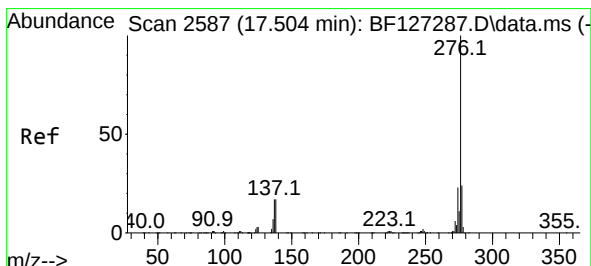
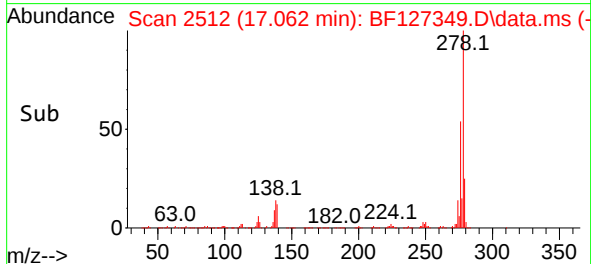
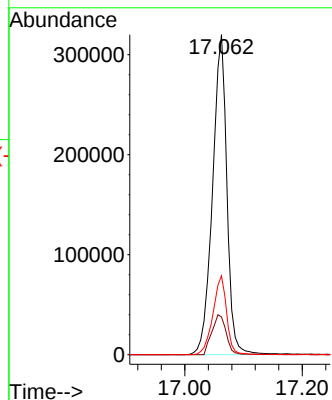
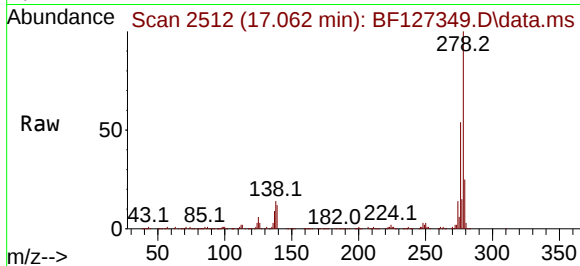




#91
 Dibenzo(a,h)anthracene
 Concen: 40.834 ng
 RT: 17.062 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF127349.D
 Acq: 16 Mar 2022 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB143388BS

Tgt Ion:278 Resp: 542427
 Ion Ratio Lower Upper
 278 100
 139 11.8 18.0 27.0#
 279 24.6 18.6 27.8



#92
 Benzo(g,h,i)perylene
 Concen: 39.518 ng
 RT: 17.509 min Scan# 2588
 Delta R.T. 0.006 min
 Lab File: BF127349.D
 Acq: 16 Mar 2022 14:39

Tgt Ion:276 Resp: 512060
 Ion Ratio Lower Upper
 276 100
 277 23.2 18.5 27.7
 138 17.4 25.9 38.9#

