

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
 Data File : BF132599.D
 Acq On : 01 Mar 2023 19:23
 Operator : CG\JU
 Sample : 01722-01MS 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022723MS

Quant Time: Mar 02 03:20:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	190827	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	627419	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	272533	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	502335	20.000	ng	0.00
76) Chrysene-d12	14.204	240	411256	20.000	ng	# 0.00
86) Perylene-d12	15.763	264	333789	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	377625	32.117	ng	0.00
7) Phenol-d6	6.622	99	448725	29.242	ng	-0.01
23) Nitrobenzene-d5	7.563	82	254145	19.218	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	79609	27.048	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	416847	23.290	ng	0.00
79) Terphenyl-d14	13.133	244	475045	19.530	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.905	88	151469	23.289	ng	95
3) Pyridine	3.675	79	383809	22.232	ng	93
4) n-Nitrosodimethylamine	3.622	42	139457	21.385	ng	89
6) Aniline	6.663	93	189203	9.162	ng	94
8) 2-Chlorophenol	6.787	128	304396	24.944	ng	98
9) Benzaldehyde	6.557	77	157361	19.004	ng	92
10) Phenol	6.640	94	408118	23.198	ng	90
11) bis(2-Chloroethyl)ether	6.734	93	339477	24.996	ng	93
12) 1,3-Dichlorobenzene	6.946	146	336986	25.733	ng	96
13) 1,4-Dichlorobenzene	7.022	146	336788	25.756	ng	98
14) 1,2-Dichlorobenzene	7.175	146	318016	25.341	ng	98
15) Benzyl Alcohol	7.140	79	262120	22.180	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.275	45	404138	23.335	ng	99
17) 2-Methylphenol	7.251	107	244689	21.485	ng	96
18) Hexachloroethane	7.516	117	116761	22.856	ng	98
19) n-Nitroso-di-n-propyla...	7.404	70	204198	21.622	ng	95
20) 3+4-Methylphenols	7.404	107	295463	20.081	ng	# 85
22) Acetophenone	7.410	105	406654	25.704	ng	# 86
24) Nitrobenzene	7.581	77	327091	23.127	ng	97
25) Isophorone	7.822	82	577944	22.795	ng	99
26) 2-Nitrophenol	7.904	139	146241	23.435	ng	88
27) 2,4-Dimethylphenol	7.934	122	244450	24.820	ng	96
28) bis(2-Chloroethoxy)met...	8.028	93	366727	24.726	ng	99
29) 2,4-Dichlorophenol	8.145	162	224011	22.865	ng	98
30) 1,2,4-Trichlorobenzene	8.228	180	261935	24.622	ng	100
31) Naphthalene	8.310	128	1049248	32.667	ng	99
32) Benzoic acid	8.022	122	137718	20.163	ng	96
33) 4-Chloroaniline	8.357	127	122128	8.873	ng	94
34) Hexachlorobutadiene	8.422	225	164901	24.393	ng	98
35) Caprolactam	8.710	113	66805	20.683	ng	96
36) 4-Chloro-3-methylphenol	8.834	107	213782	19.869	ng	94
37) 2-Methylnaphthalene	9.004	142	606843	27.723	ng	99
38) 1-Methylnaphthalene	9.104	142	528807	25.850	ng	100
40) 1,2,4,5-Tetrachloroben...	9.169	216	238370	26.733	ng	99
41) Hexachlorocyclopentadiene	9.151	237	51849	10.721	ng	99
43) 2,4,6-Trichlorophenol	9.281	196	148498	24.575	ng	99

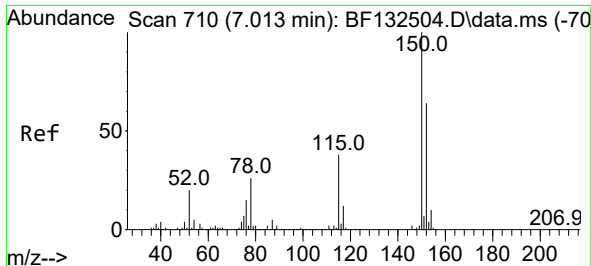
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.322	196	149876	21.251	ng	96
46) 1,1'-Biphenyl	9.463	154	588766	28.543	ng	98
47) 2-Chloronaphthalene	9.492	162	426238	26.062	ng	99
48) 2-Nitroaniline	9.587	65	127498	21.167	ng	96
49) Acenaphthylene	9.910	152	681648	26.189	ng	99
50) Dimethylphthalate	9.757	163	485117	24.447	ng	99
51) 2,6-Dinitrotoluene	9.828	165	99971	22.121	ng	92
52) Acenaphthene	10.087	154	420271	25.428	ng	99
53) 3-Nitroaniline	9.998	138	81981	16.217	ng	97
54) 2,4-Dinitrophenol	10.110	184	21796	9.322	ng	92
55) Dibenzofuran	10.257	168	630383	26.163	ng	96
56) 4-Nitrophenol	10.157	139	156684	41.560	ng	90
57) 2,4-Dinitrotoluene	10.234	165	130456	21.698	ng	89
58) Fluorene	10.604	166	535527	29.057	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.375	232	117225	22.375	ng	98
60) Diethylphthalate	10.463	149	447650	23.098	ng	99
61) 4-Chlorophenyl-phenyle...	10.592	204	224196	23.449	ng	91
62) 4-Nitroaniline	10.610	138	93223	18.786	ng	92
63) Azobenzene	10.751	77	489172	23.833	ng	96
65) 4,6-Dinitro-2-methylph...	10.639	198	19371	5.696	ng	85
66) n-Nitrosodiphenylamine	10.704	169	377989	24.136	ng	98
67) 4-Bromophenyl-phenylether	11.081	248	130505	22.967	ng	96
68) Hexachlorobenzene	11.151	284	141301	23.633	ng	94
69) Atrazine	11.228	200	122529	25.062	ng	97
70) Pentachlorophenol	11.351	266	152987	43.007	ng	98
71) Phenanthrene	11.575	178	1256060	48.267	ng	99
72) Anthracene	11.622	178	811476	30.281	ng	98
73) Carbazole	11.775	167	642720	26.601	ng	98
74) Di-n-butylphthalate	12.098	149	705405	24.889	ng	98
75) Fluoranthene	12.769	202	1353808	47.587	ng	100
77) Benzidine	12.886	184	250377	25.010	ng	99
78) Pyrene	13.004	202	1509781	40.379	ng	99
80) Butylbenzylphthalate	13.610	149	344912	23.376	ng	95
81) Benzo(a)anthracene	14.198	228	1094656	35.574	ng	98
82) 3,3'-Dichlorobenzidine	14.151	252	151287	16.676	ng	99
83) Chrysene	14.233	228	1027221	35.699	ng	99
84) Bis(2-ethylhexyl)phtha...	14.163	149	484546	26.732	ng	99
85) Di-n-octyl phthalate	14.792	149	801841	30.273	ng	98
87) Indeno(1,2,3-cd)pyrene	17.368	276	590170	26.984	ng	98
88) Benzo(b)fluoranthene	15.298	252	865182	38.678	ng	96
89) Benzo(k)fluoranthene	15.327	252	680644	31.091	ng	98
90) Benzo(a)pyrene	15.692	252	697936	33.338	ng	97
91) Dibenzo(a,h)anthracene	17.380	278	407830	22.886	ng	99
92) Benzo(g,h,i)perylene	17.851	276	498111	25.517	ng	96

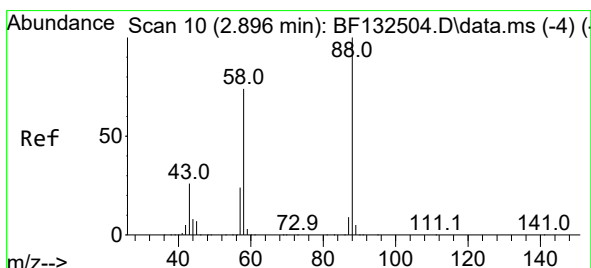
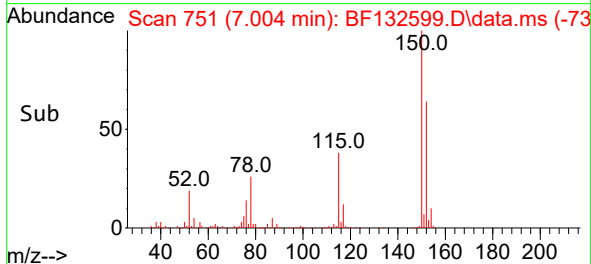
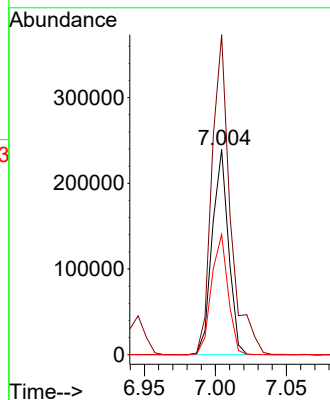
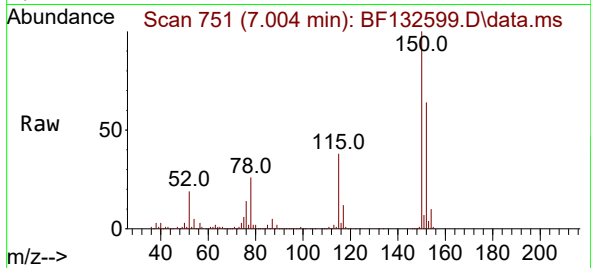
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.004 min Scan# 71
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

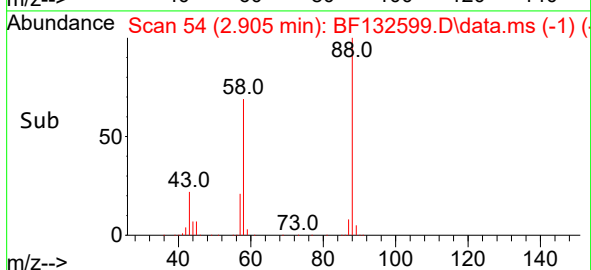
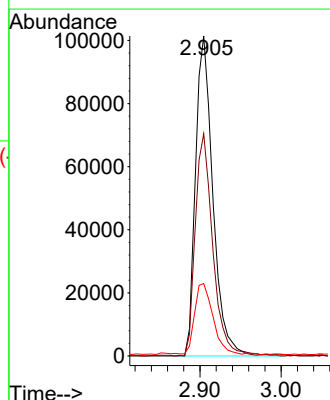
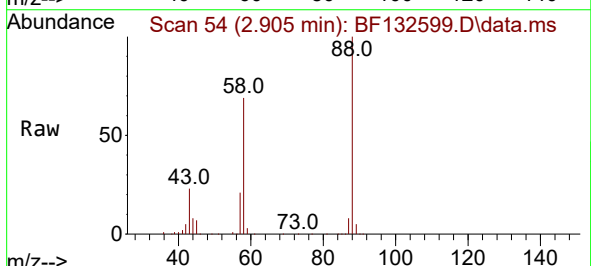
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MS

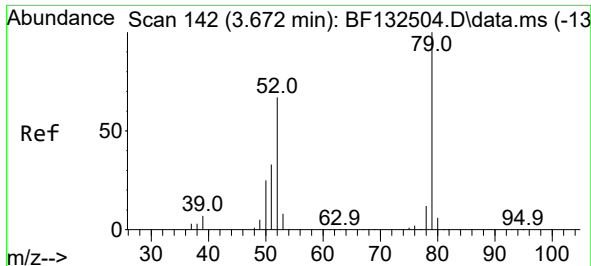
Tgt Ion:152 Resp: 190827
Ion Ratio Lower Upper
152 100
150 156.0 125.4 188.2
115 58.6 47.8 71.6



#2
1,4-Dioxane
Concen: 23.289 ng
RT: 2.905 min Scan# 54
Delta R.T. 0.021 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion: 88 Resp: 151469
Ion Ratio Lower Upper
88 100
58 69.4 58.3 87.5
43 23.1 20.7 31.1





#3

Pyridine

Concen: 22.232 ng

RT: 3.675 min Scan# 11

Delta R.T. 0.021 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MS

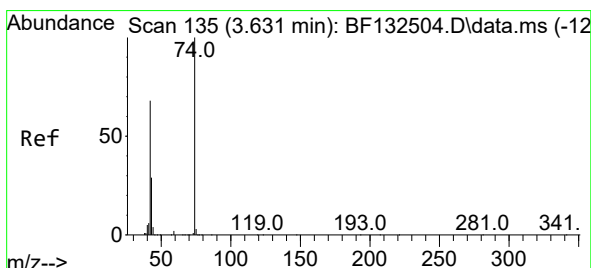
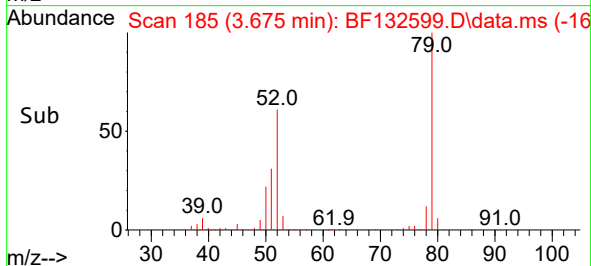
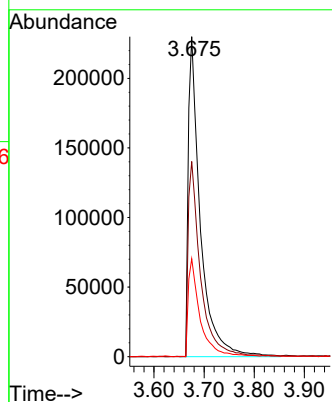
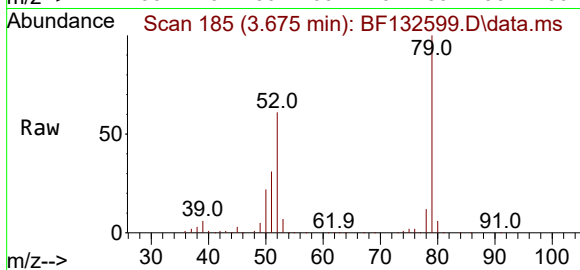
Tgt Ion: 79 Resp: 383809

Ion Ratio Lower Upper

79 100

52 61.0 53.7 80.5

51 30.6 26.6 40.0



#4

n-Nitrosodimethylamine

Concen: 21.385 ng

RT: 3.622 min Scan# 176

Delta R.T. -0.003 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

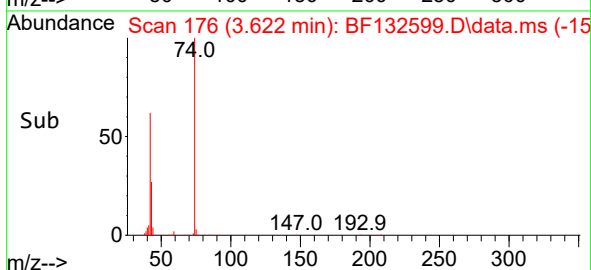
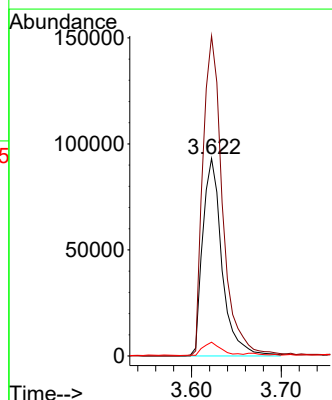
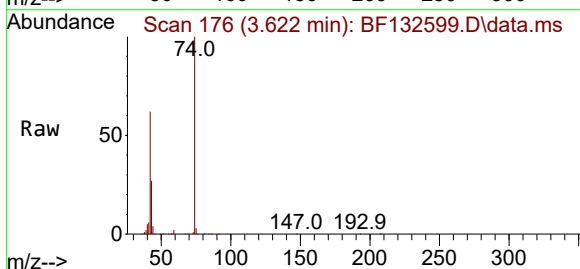
Tgt Ion: 42 Resp: 139457

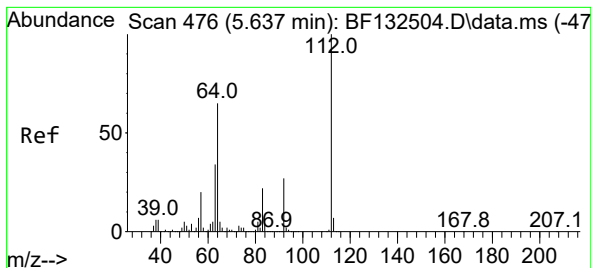
Ion Ratio Lower Upper

42 100

74 162.0 118.2 177.2

44 7.0 5.3 7.9

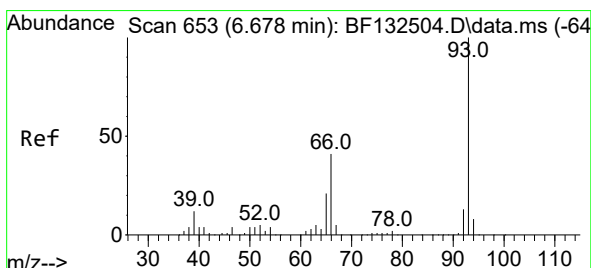
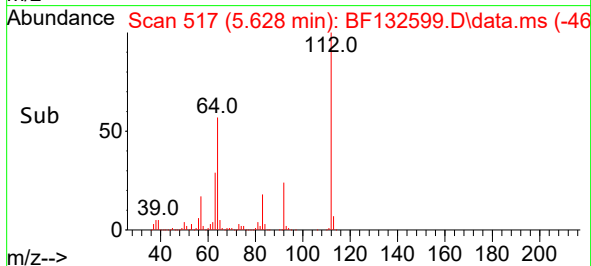
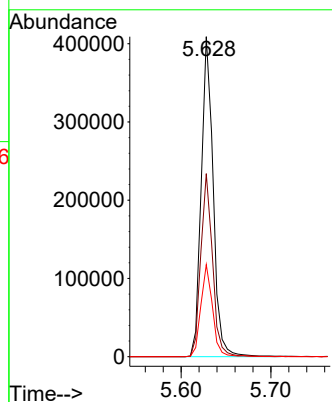
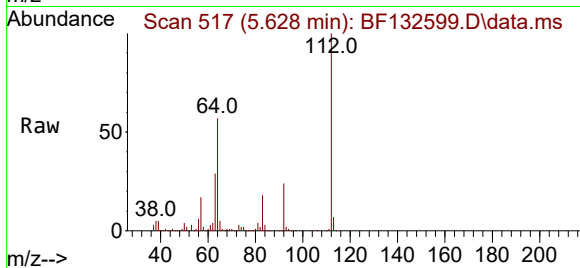




#5
2-Fluorophenol
Concen: 32.117 ng
RT: 5.628 min Scan# 517
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

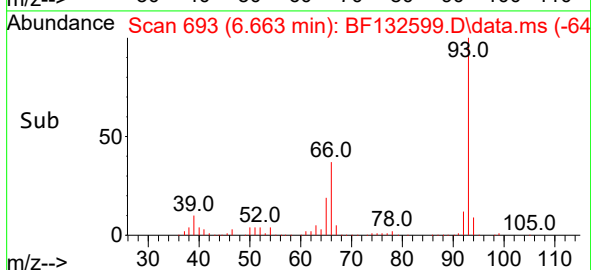
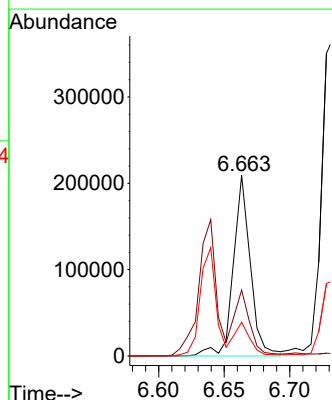
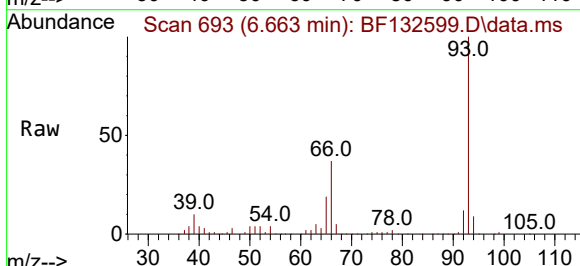
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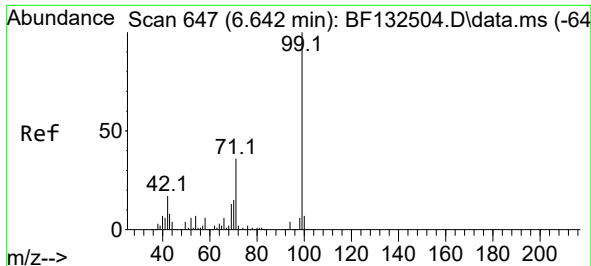
Tgt Ion:112 Resp: 377625
Ion Ratio Lower Upper
112 100
64 57.2 51.6 77.4
63 28.8 27.4 41.2



#6
Aniline
Concen: 9.162 ng
RT: 6.663 min Scan# 693
Delta R.T. -0.009 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion: 93 Resp: 189203
Ion Ratio Lower Upper
93 100
66 36.5 32.5 48.7
65 18.7 16.6 24.8

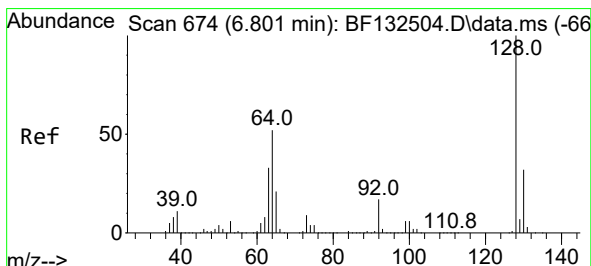
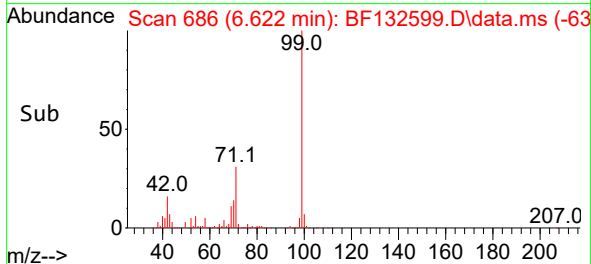
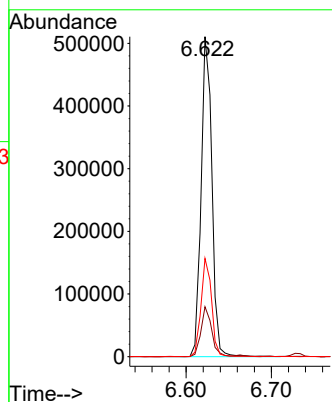
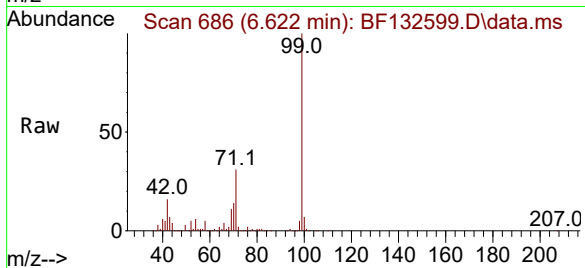




#7
Phenol-d6
Concen: 29.242 ng
RT: 6.622 min Scan# 61
Delta R.T. -0.014 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

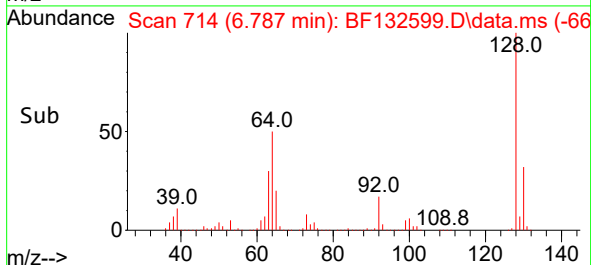
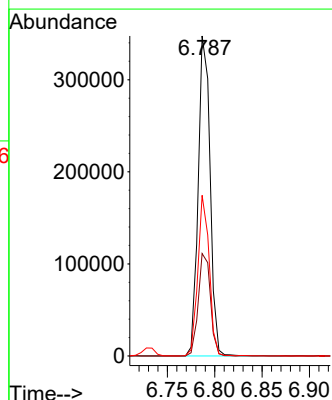
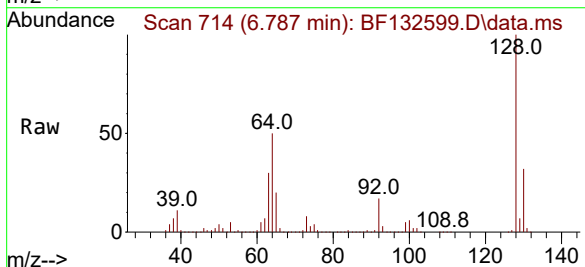
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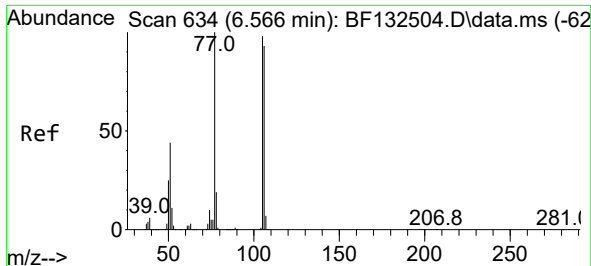
Tgt Ion: 99 Resp: 448725
Ion Ratio Lower Upper
99 100
42 15.6 13.9 20.9
71 30.7 28.5 42.7



#8
2-Chlorophenol
Concen: 24.944 ng
RT: 6.787 min Scan# 714
Delta R.T. -0.009 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion: 128 Resp: 304396
Ion Ratio Lower Upper
128 100
130 32.0 12.1 52.1
64 50.2 32.0 72.0

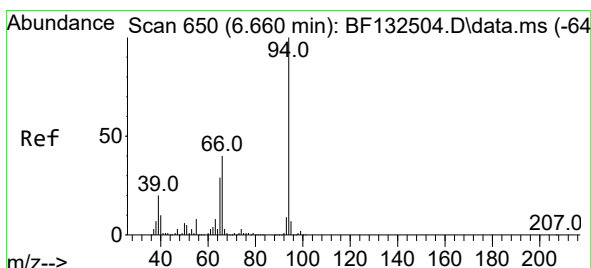
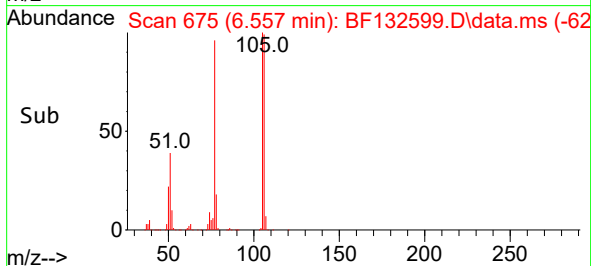
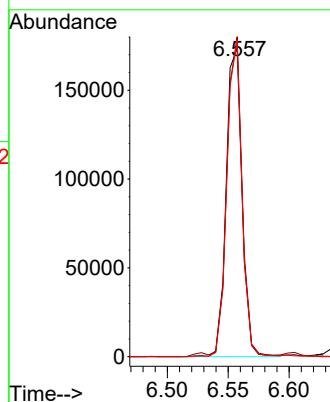
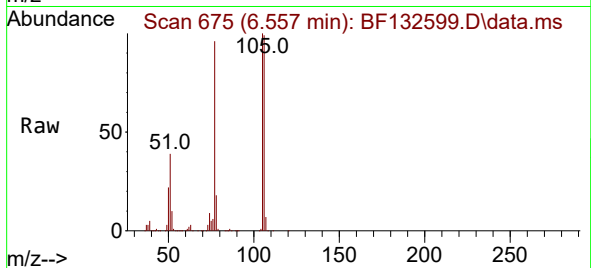




#9
Benzaldehyde
Concen: 19.004 ng
RT: 6.557 min Scan# 61
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

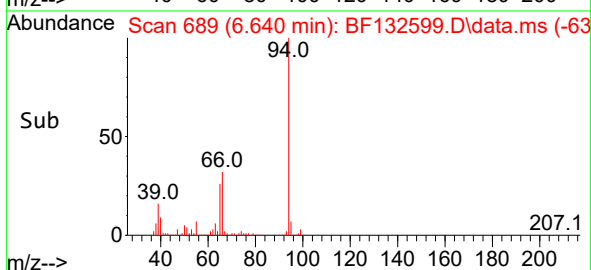
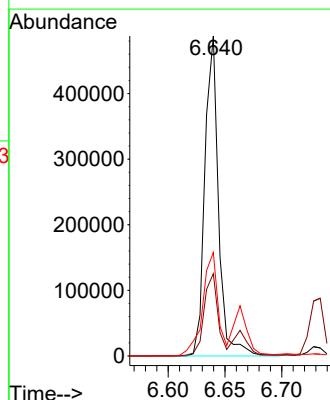
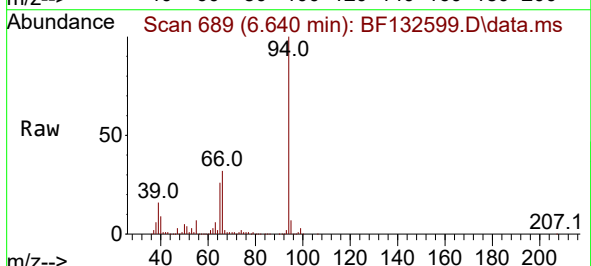
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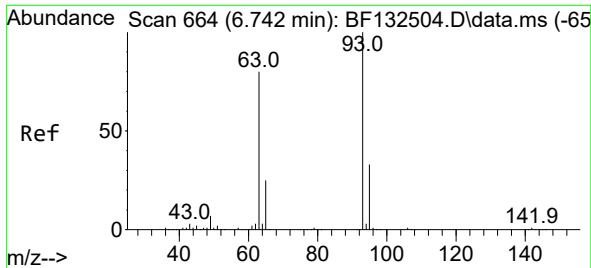
Tgt Ion: 77 Resp: 157361
Ion Ratio Lower Upper
77 100
105 103.8 77.9 117.9
106 102.7 73.4 113.4



#10
Phenol
Concen: 23.198 ng
RT: 6.640 min Scan# 689
Delta R.T. -0.009 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion: 94 Resp: 408118
Ion Ratio Lower Upper
94 100
65 25.7 9.4 49.4
66 32.3 19.8 59.8

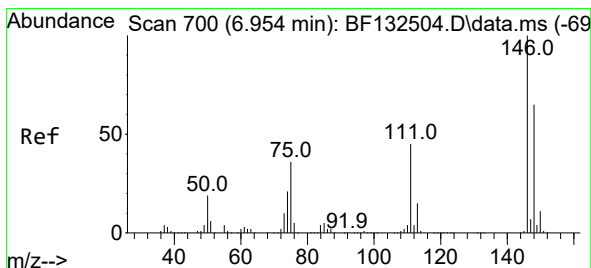
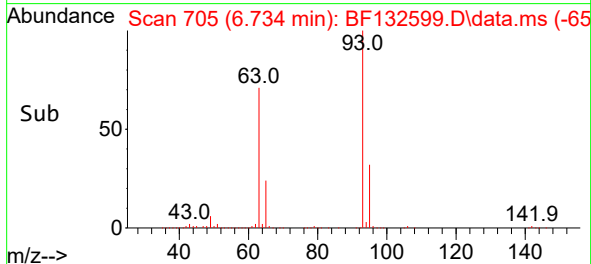
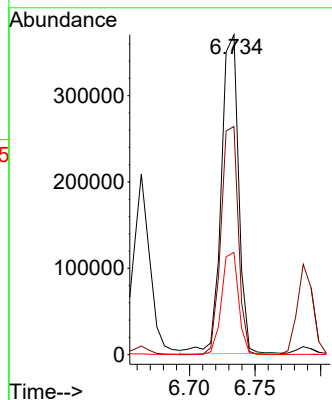
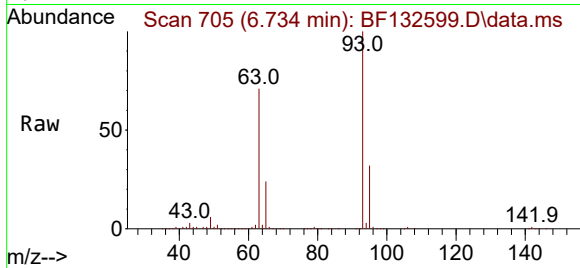




#11
bis(2-Chloroethyl)ether
Concen: 24.996 ng
RT: 6.734 min Scan# 705
Delta R.T. -0.009 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

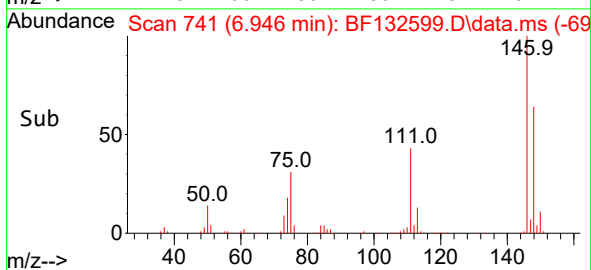
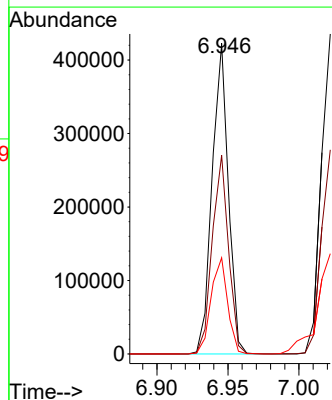
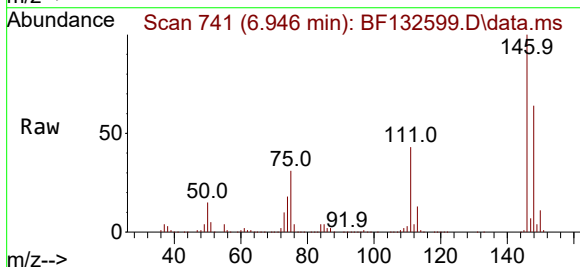
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MS

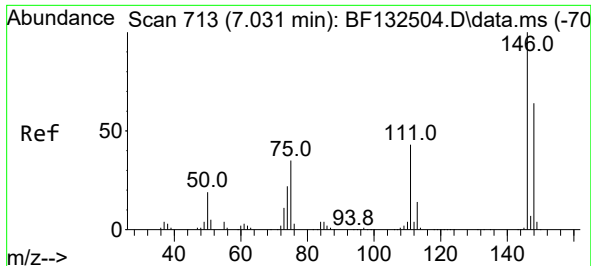
Tgt Ion: 93 Resp: 339477
Ion Ratio Lower Upper
93 100
63 71.3 59.6 99.6
95 32.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 25.733 ng
RT: 6.946 min Scan# 741
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion:146 Resp: 336986
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
75 31.0 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 25.756 ng

RT: 7.022 min Scan# 713

Delta R.T. -0.003 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MS

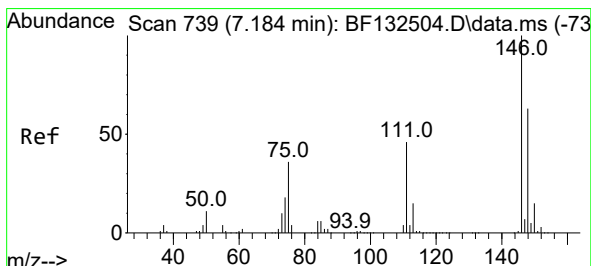
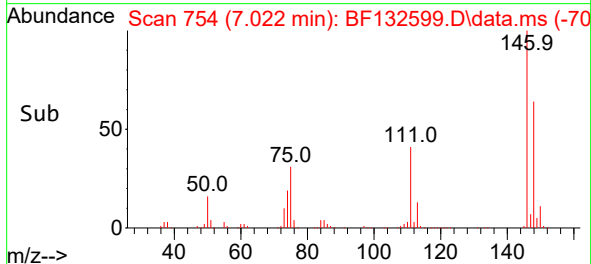
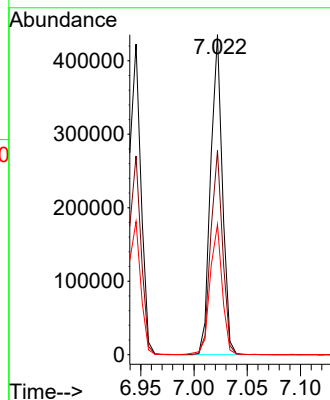
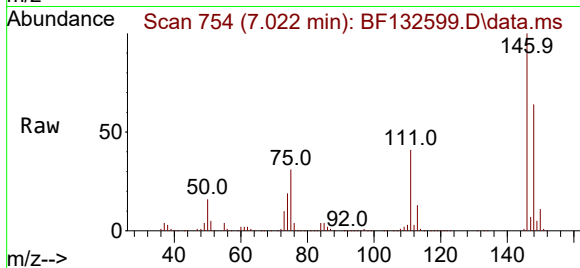
Tgt Ion:146 Resp: 336788

Ion Ratio Lower Upper

146 100

148 63.8 51.1 76.7

111 40.7 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 25.341 ng

RT: 7.175 min Scan# 780

Delta R.T. -0.003 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

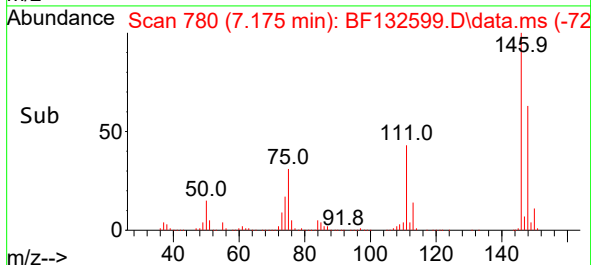
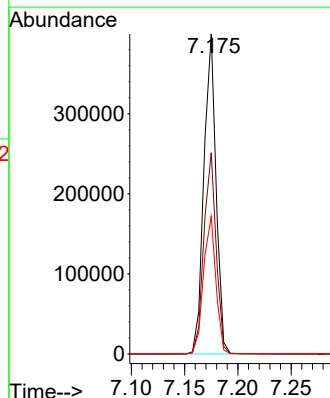
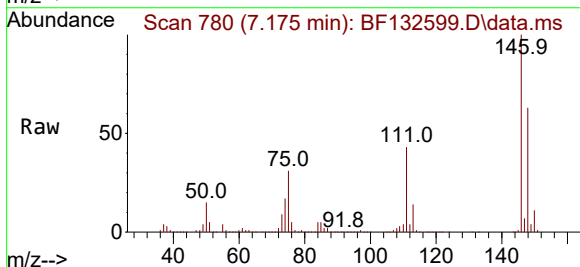
Tgt Ion:146 Resp: 318016

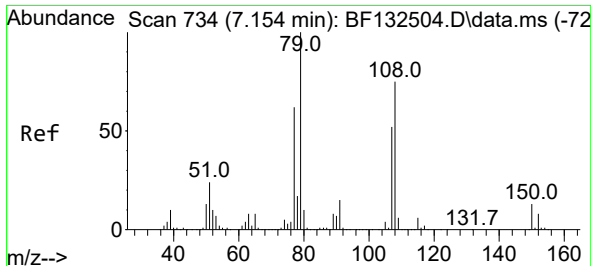
Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

111 42.9 37.2 55.8

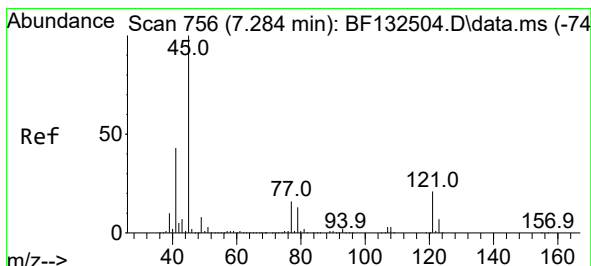
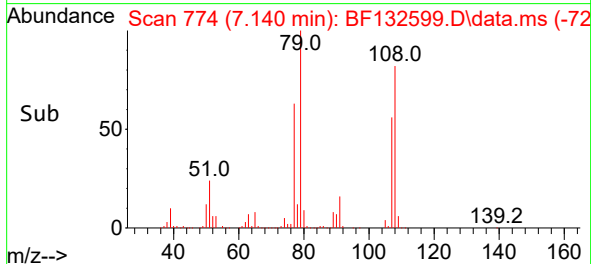
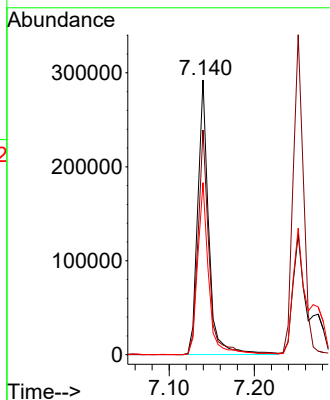
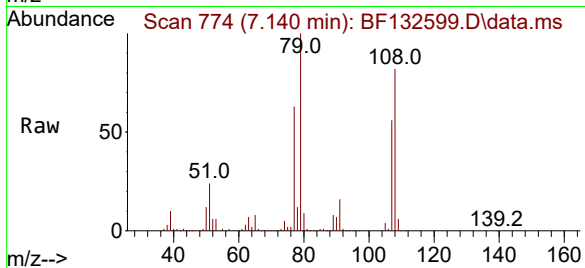




#15
Benzyl Alcohol
Concen: 22.180 ng
RT: 7.140 min Scan# 71
Delta R.T. -0.009 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

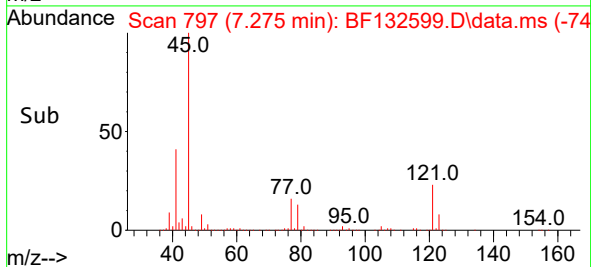
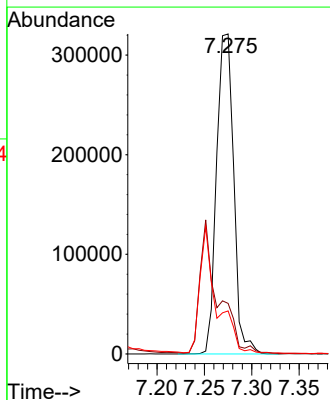
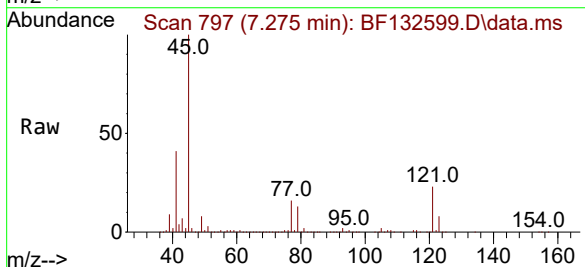
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MS

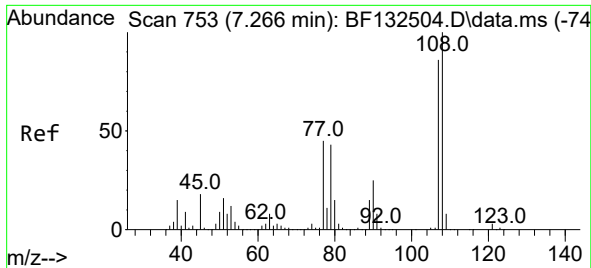
Tgt Ion: 79 Resp: 262120
Ion Ratio Lower Upper
79 100
108 81.8 60.2 90.4
77 62.6 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 23.335 ng
RT: 7.275 min Scan# 797
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion: 45 Resp: 404138
Ion Ratio Lower Upper
45 100
77 15.8 0.0 36.4
79 13.4 0.0 33.4

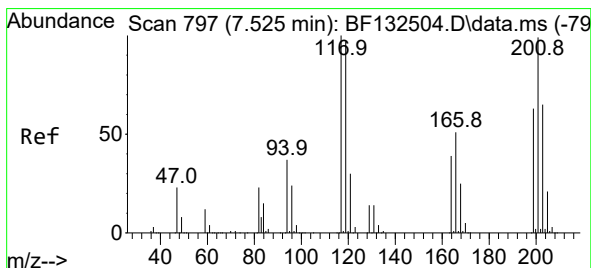
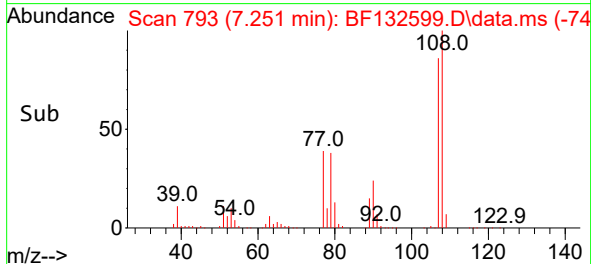
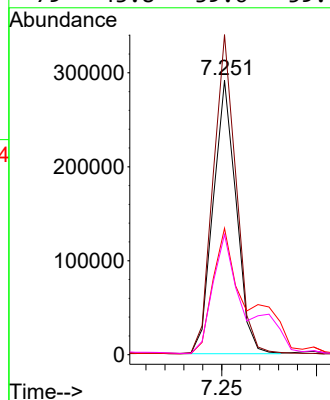
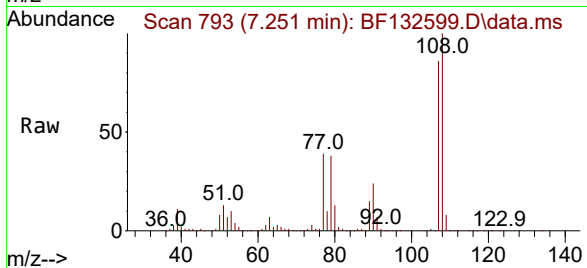




#17
2-Methylphenol
Concen: 21.485 ng
RT: 7.251 min Scan# 71
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

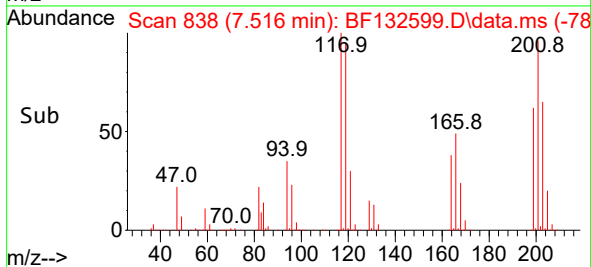
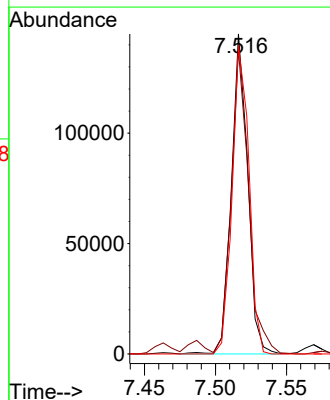
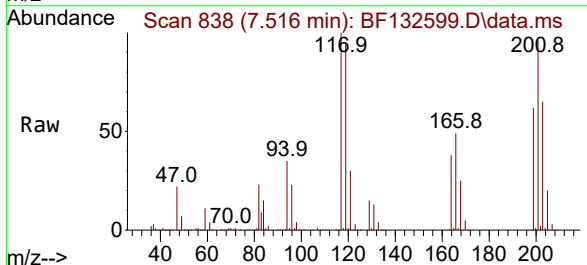
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MS

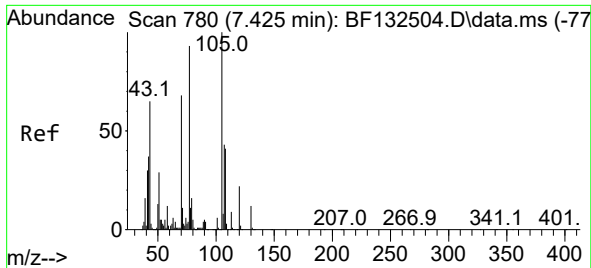
Tgt Ion:107 Resp: 244689
Ion Ratio Lower Upper
107 100
108 116.6 93.0 139.4
77 46.0 42.1 63.1
79 43.8 39.6 59.4



#18
Hexachloroethane
Concen: 22.856 ng
RT: 7.516 min Scan# 838
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion:117 Resp: 116761
Ion Ratio Lower Upper
117 100
119 95.0 78.0 117.0
201 96.4 79.0 118.4

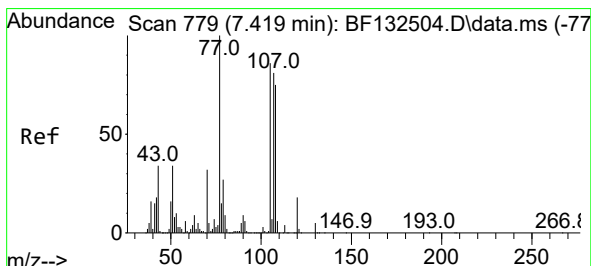
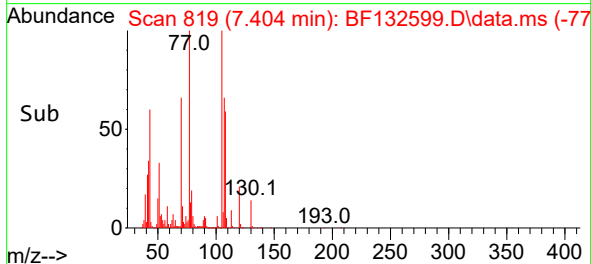
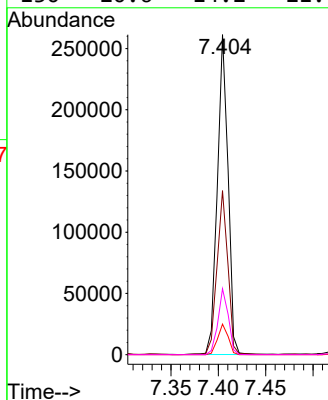
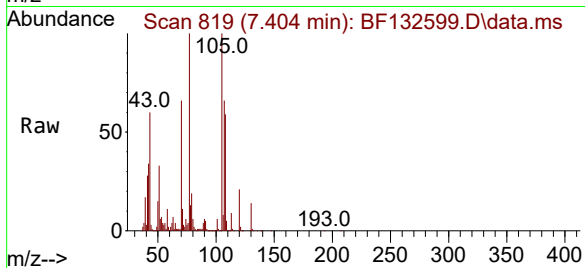




#19
n-Nitroso-di-n-propylamine
Concen: 21.622 ng
RT: 7.404 min Scan# 819
Delta R.T. -0.014 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

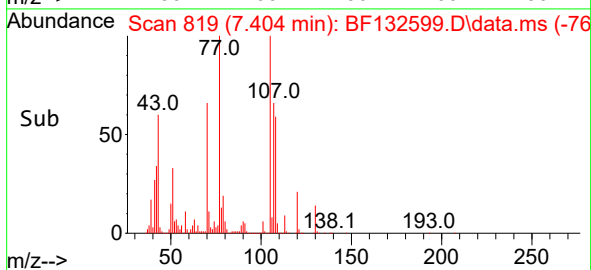
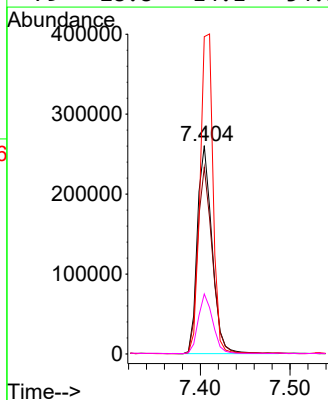
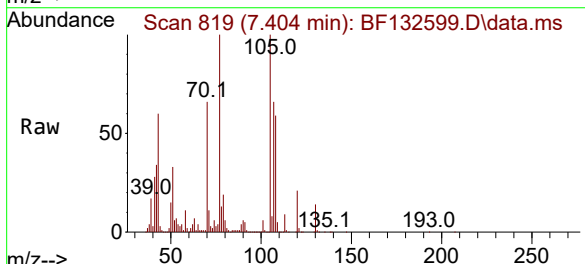
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MS

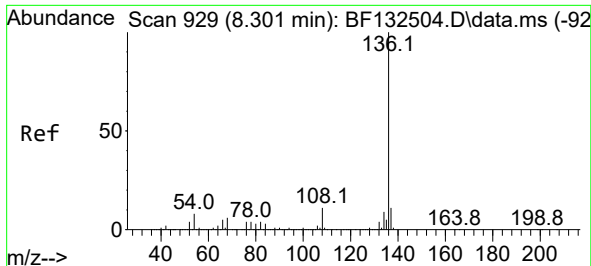
Tgt Ion:	70	Resp:	204198
Ion	Ratio	Lower	Upper
70	100		
42	51.2	44.1	66.1
101	9.6	7.4	11.2
130	20.6	14.2	21.4



#20
3+4-Methylphenols
Concen: 20.081 ng
RT: 7.404 min Scan# 819
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion:	107	Resp:	295463
Ion	Ratio	Lower	Upper
107	100		
108	89.7	72.6	112.6
77	152.3	104.0	144.0#
79	28.8	14.1	54.1

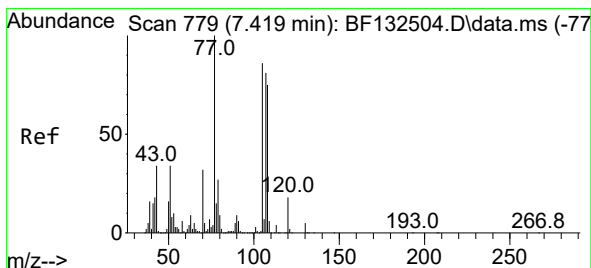
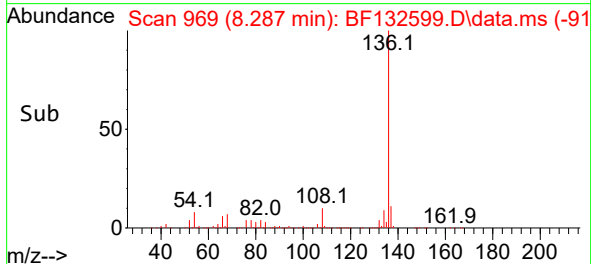
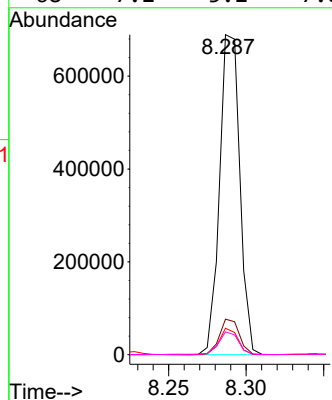
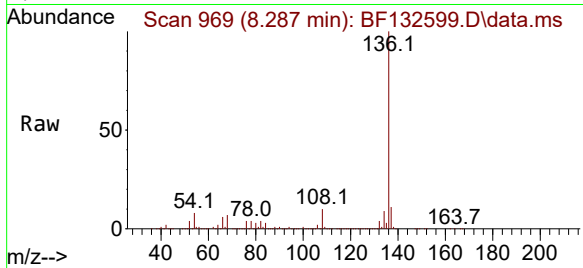




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

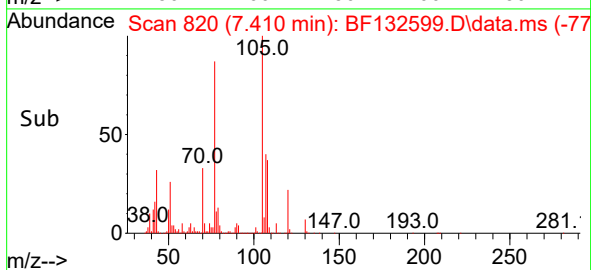
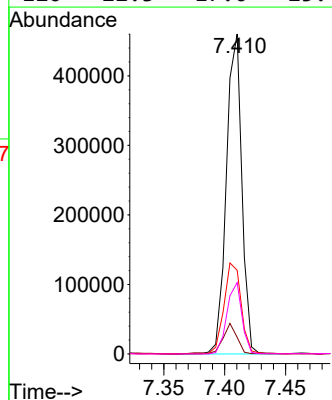
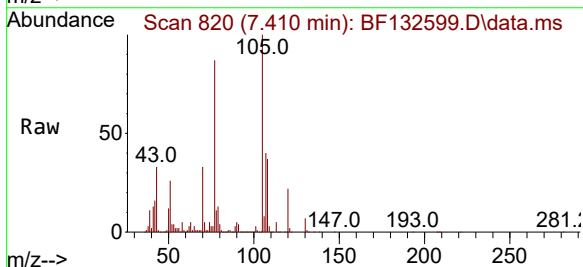
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MS

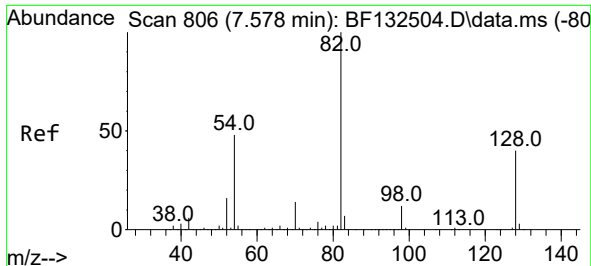
Tgt Ion:136 Resp: 627419
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.2 6.2 9.4
68 7.2 5.2 7.8



#22
Acetophenone
Concen: 25.704 ng
RT: 7.410 min Scan# 820
Delta R.T. -0.009 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion:105 Resp: 406654
Ion Ratio Lower Upper
105 100
71 5.2 5.0 7.4
51 26.1 31.5 47.3#
120 22.3 17.0 25.4





#23

Nitrobenzene-d5

Concen: 19.218 ng

RT: 7.563 min Scan# 846

Delta R.T. -0.009 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MS

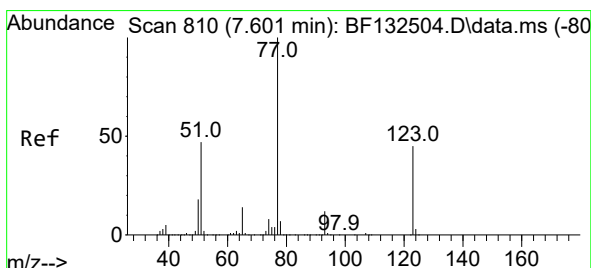
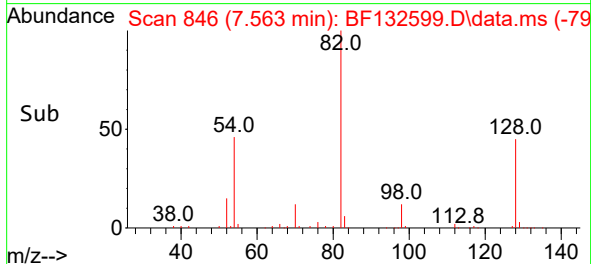
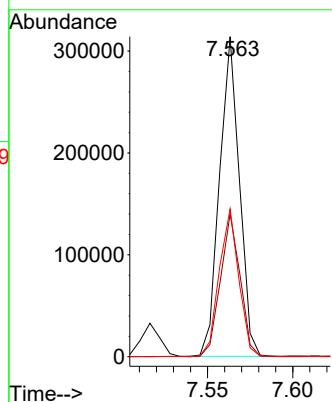
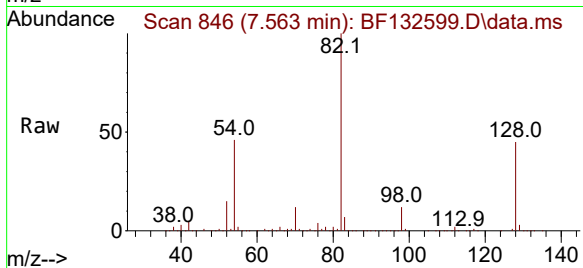
Tgt Ion: 82 Resp: 254145

Ion Ratio Lower Upper

82 100

128 44.6 32.2 48.2

54 46.2 38.4 57.6



#24

Nitrobenzene

Concen: 23.127 ng

RT: 7.581 min Scan# 849

Delta R.T. -0.014 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

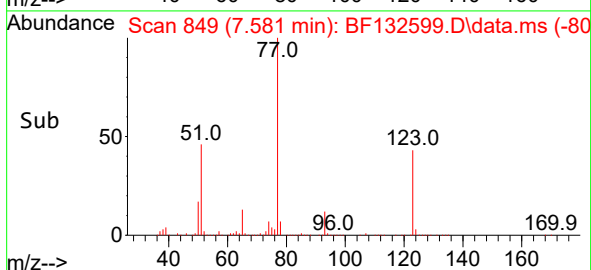
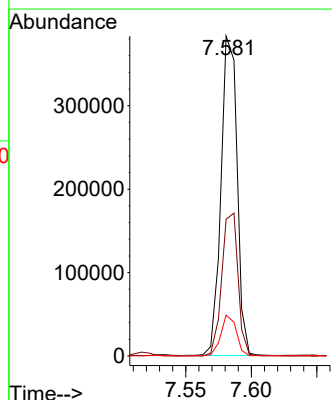
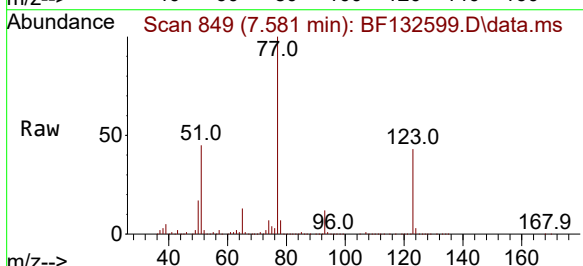
Tgt Ion: 77 Resp: 327091

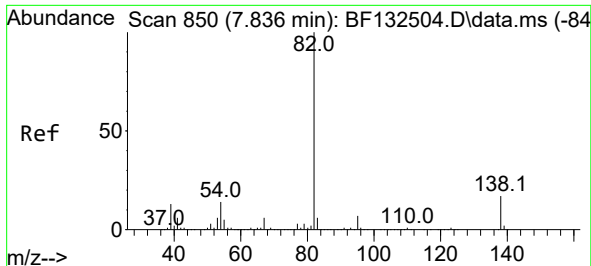
Ion Ratio Lower Upper

77 100

123 42.7 35.8 53.6

65 12.7 10.9 16.3

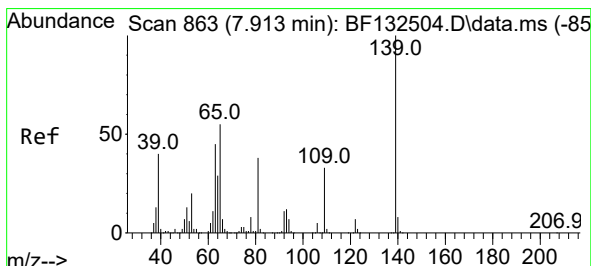
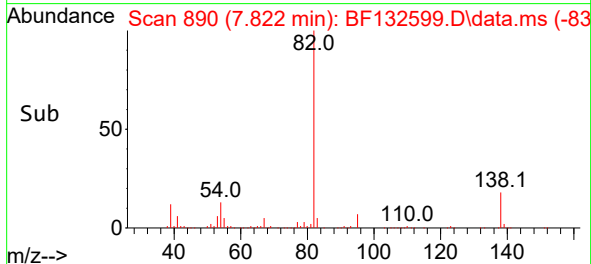
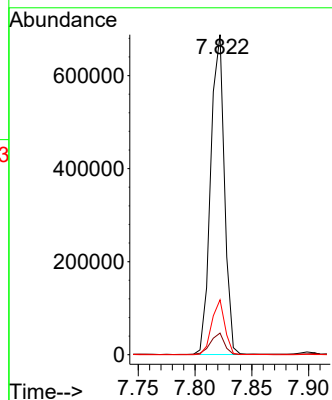
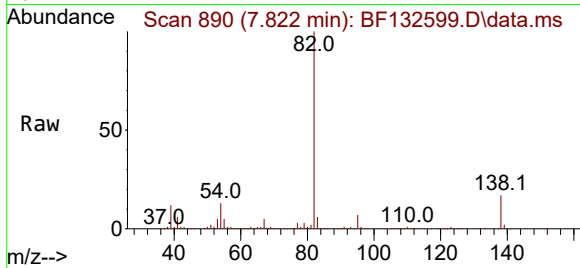




#25
Isophorone
Concen: 22.795 ng
RT: 7.822 min Scan# 890
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

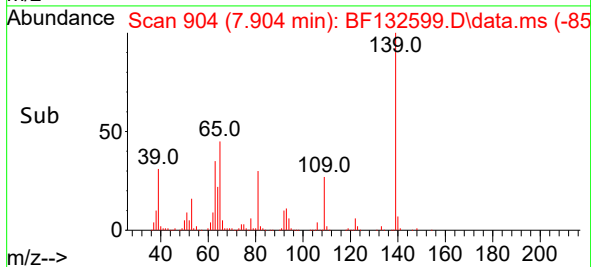
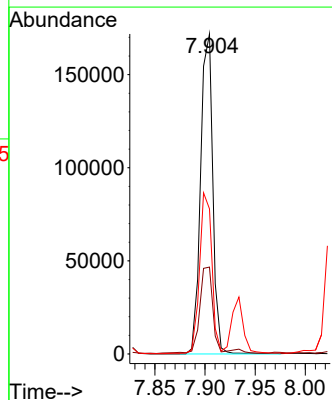
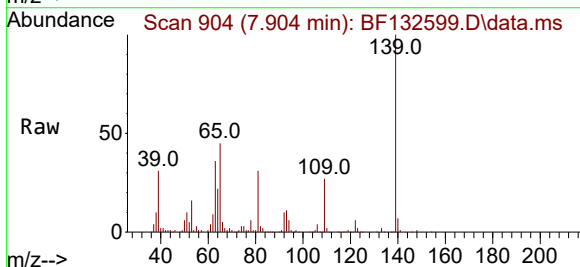
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MS

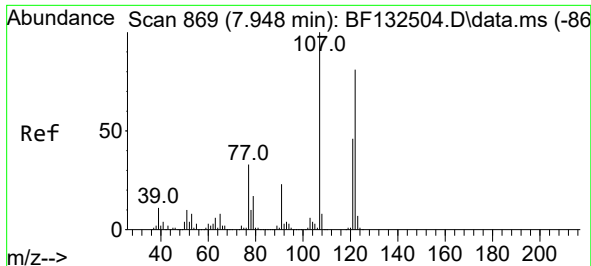
Tgt Ion: 82 Resp: 577944
Ion Ratio Lower Upper
82 100
95 6.7 5.7 8.5
138 17.2 13.3 19.9



#26
2-Nitrophenol
Concen: 23.435 ng
RT: 7.904 min Scan# 904
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion: 139 Resp: 146241
Ion Ratio Lower Upper
139 100
109 27.2 26.2 39.2
65 45.4 43.8 65.8

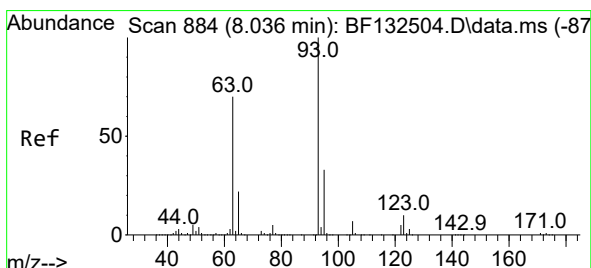
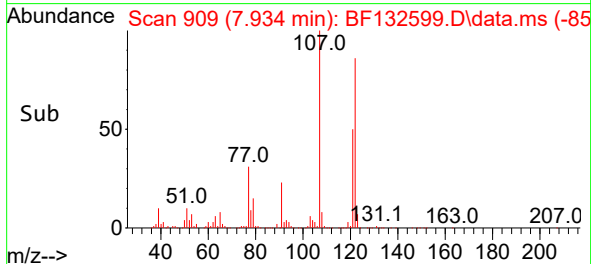
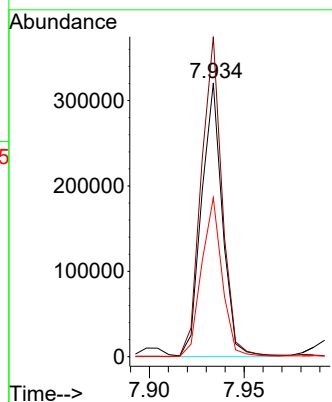
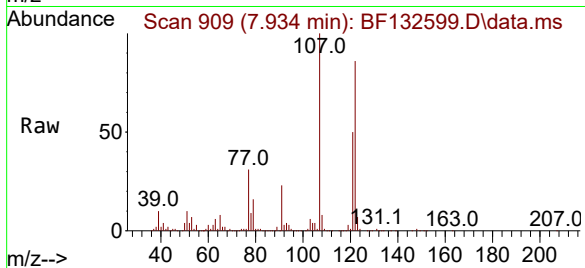




#27
2,4-Dimethylphenol
Concen: 24.820 ng
RT: 7.934 min Scan# 90
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

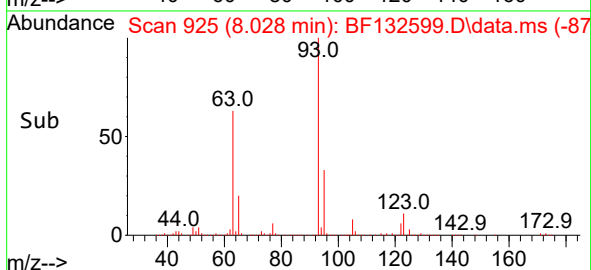
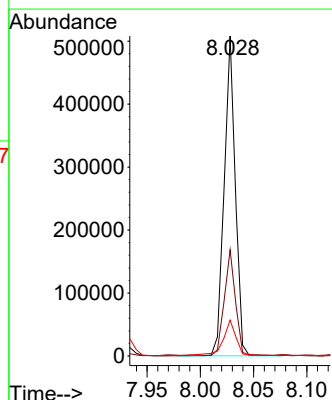
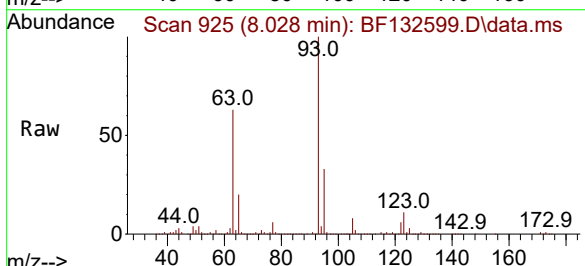
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MS

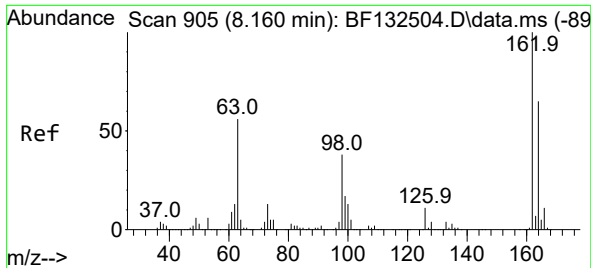
Tgt Ion:122 Resp: 244450
Ion Ratio Lower Upper
122 100
107 116.9 98.7 148.1
121 58.0 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 24.726 ng
RT: 8.028 min Scan# 925
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion: 93 Resp: 366727
Ion Ratio Lower Upper
93 100
95 33.2 26.3 39.5
123 11.2 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 22.865 ng

RT: 8.145 min Scan# 945

Delta R.T. -0.003 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MS

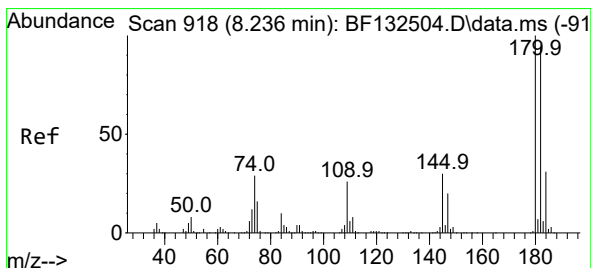
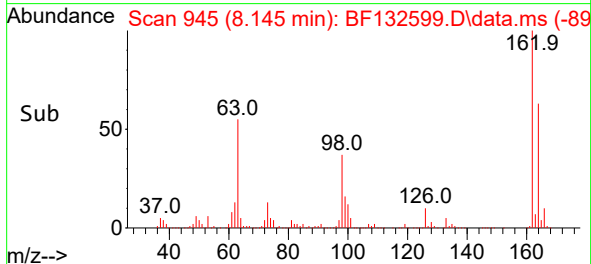
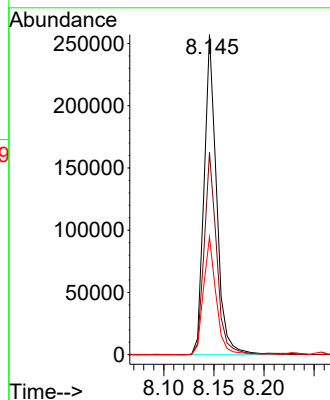
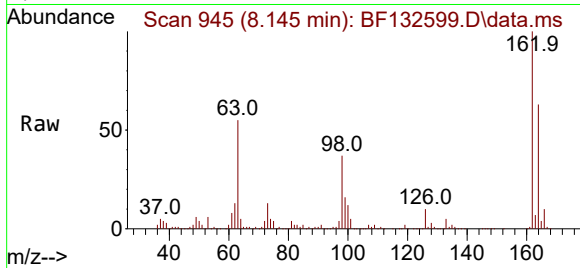
Tgt Ion:162 Resp: 224011

Ion Ratio Lower Upper

162 100

164 63.2 45.3 85.3

98 36.7 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 24.622 ng

RT: 8.228 min Scan# 959

Delta R.T. -0.003 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

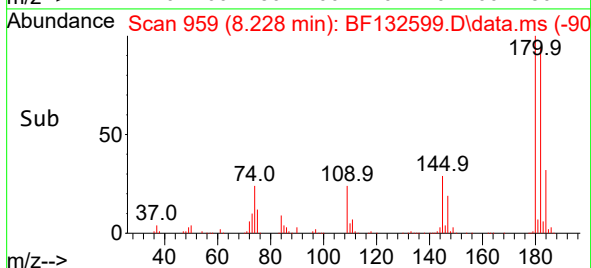
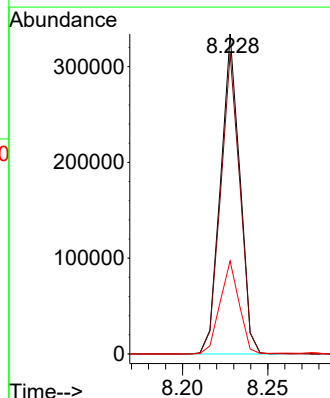
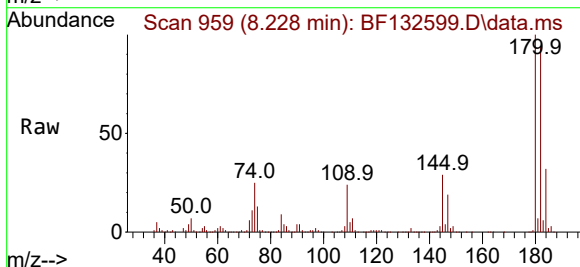
Tgt Ion:180 Resp: 261935

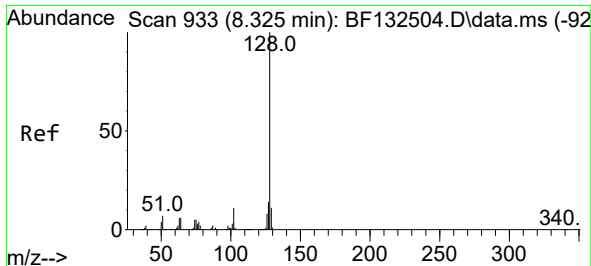
Ion Ratio Lower Upper

180 100

182 93.9 75.1 112.7

145 29.1 23.8 35.6

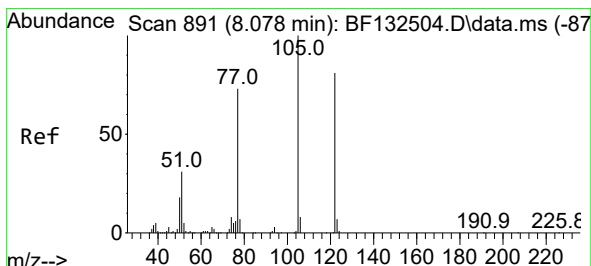
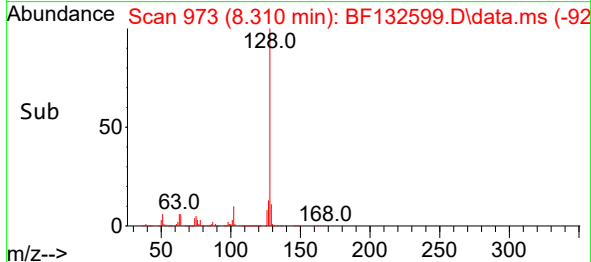
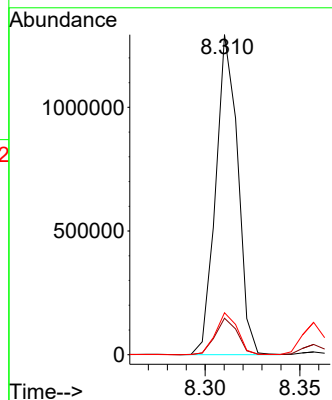
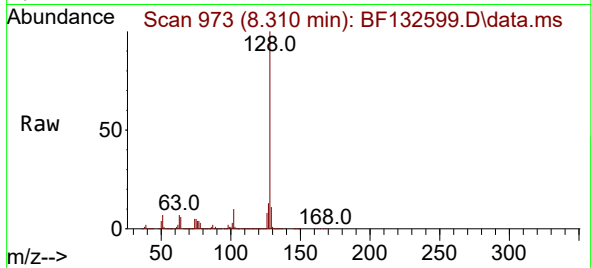




#31
Naphthalene
Concen: 32.667 ng
RT: 8.310 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

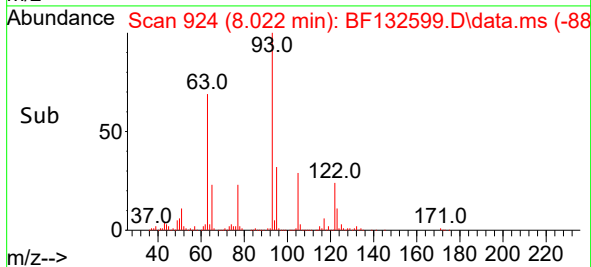
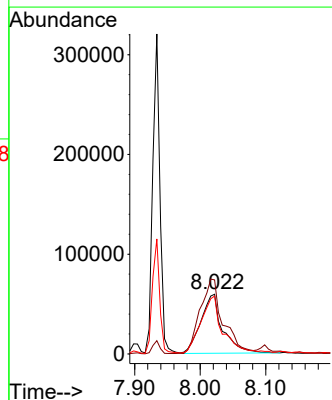
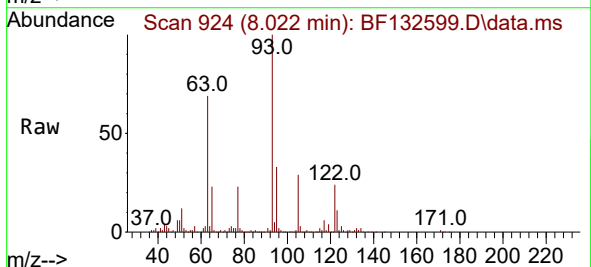
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MS

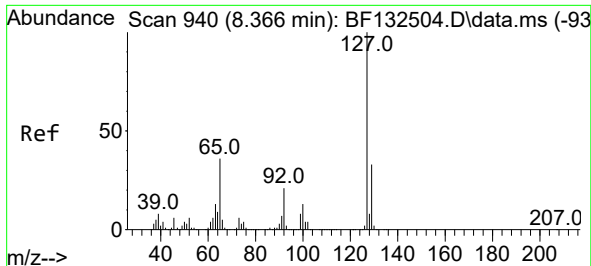
Tgt Ion:128 Resp: 1049248
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.1 11.0 16.6



#32
Benzoic acid
Concen: 20.163 ng
RT: 8.022 min Scan# 924
Delta R.T. -0.044 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion:122 Resp: 137718
Ion Ratio Lower Upper
122 100
105 124.2 102.6 142.6
77 97.1 70.2 110.2

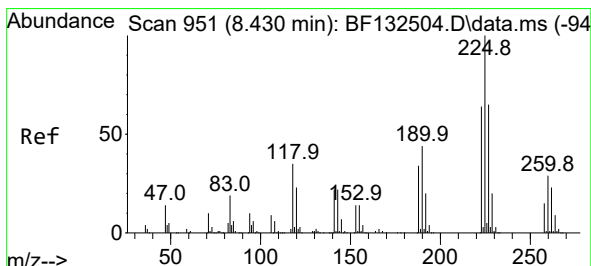
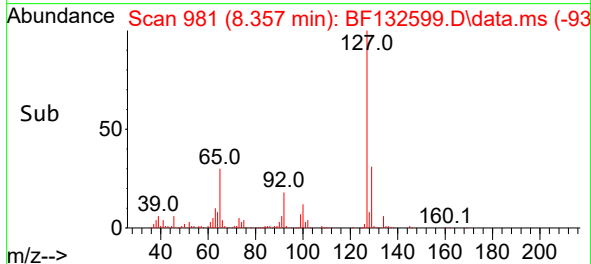
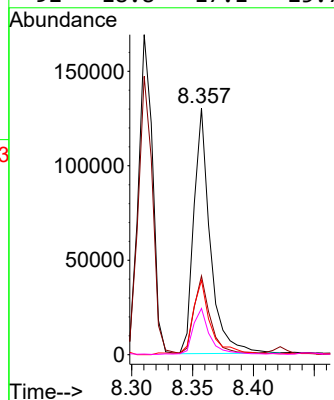
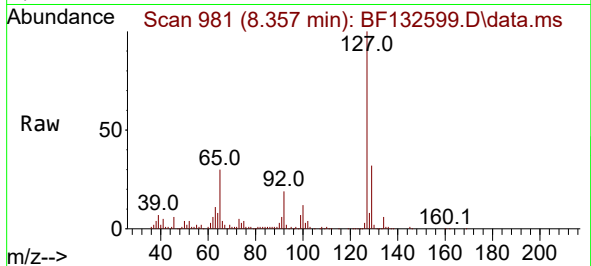




#33
4-Chloroaniline
Concen: 8.873 ng
RT: 8.357 min Scan# 911
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

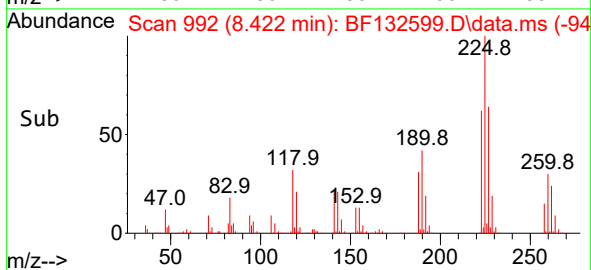
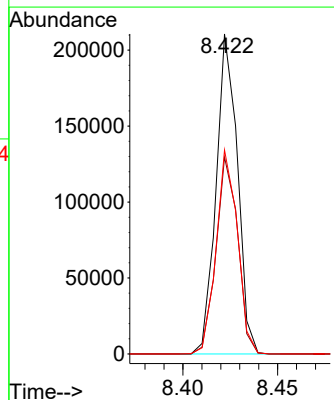
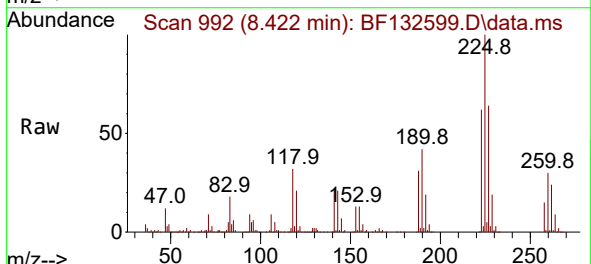
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MS

Tgt Ion:	127	Resp:	122128
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.4	39.6
65	30.2	28.8	43.2
92	18.8	17.1	25.7



#34
Hexachlorobutadiene
Concen: 24.393 ng
RT: 8.422 min Scan# 992
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion:	225	Resp:	164901
Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.0	76.4
227	63.8	51.7	77.5

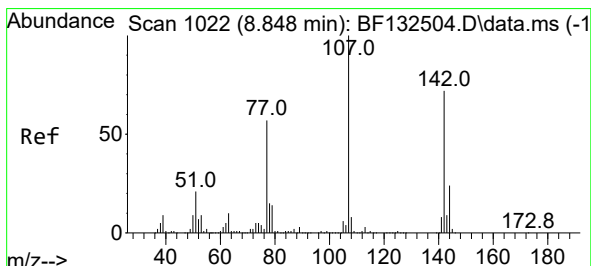
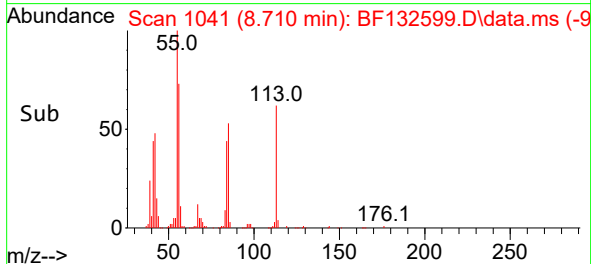
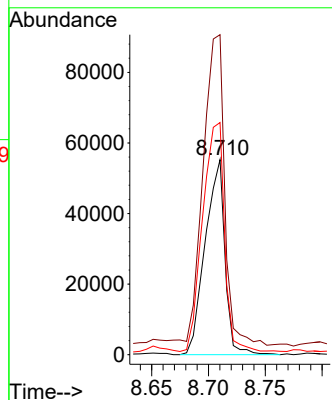
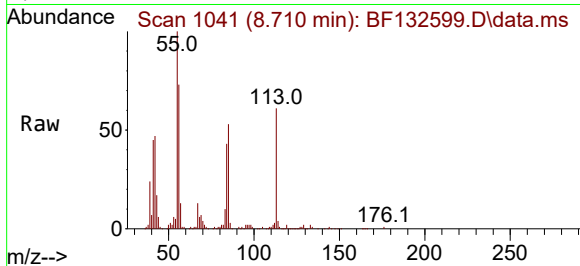




#35
Caprolactam
Concen: 20.683 ng
RT: 8.710 min Scan# 1041
Delta R.T. -0.032 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

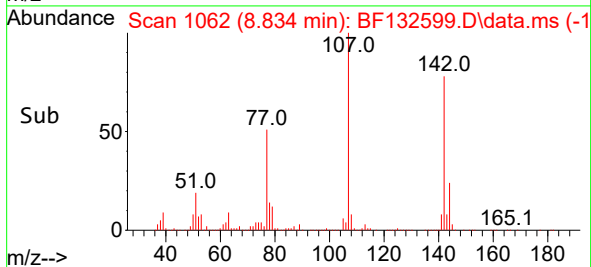
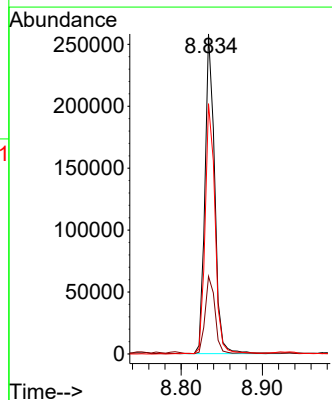
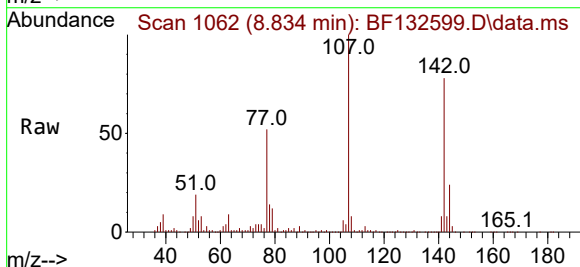
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MS

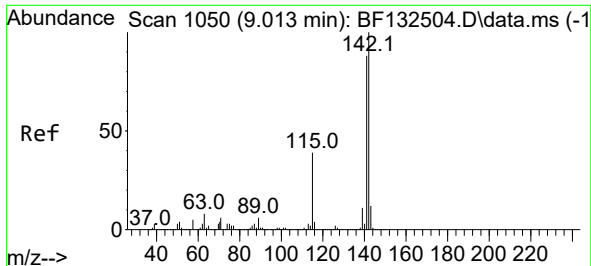
Tgt Ion:113 Resp: 66805
Ion Ratio Lower Upper
113 100
55 164.1 149.4 189.4
56 119.1 105.0 145.0



#36
4-Chloro-3-methylphenol
Concen: 19.869 ng
RT: 8.834 min Scan# 1062
Delta R.T. -0.009 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion:107 Resp: 213782
Ion Ratio Lower Upper
107 100
144 24.3 18.9 28.3
142 78.2 57.9 86.9

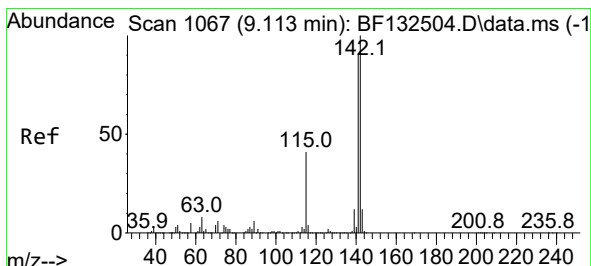
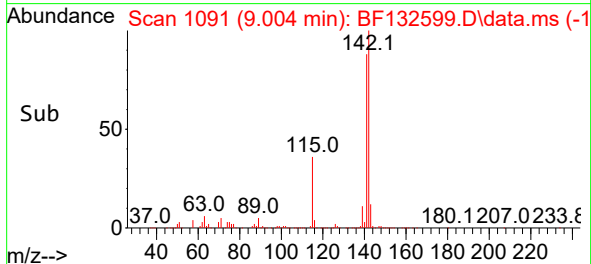
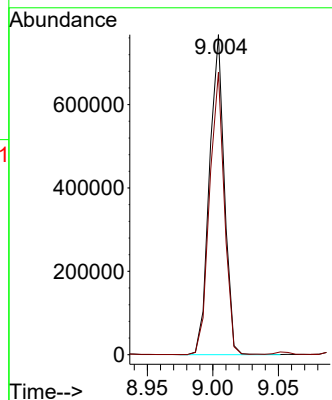
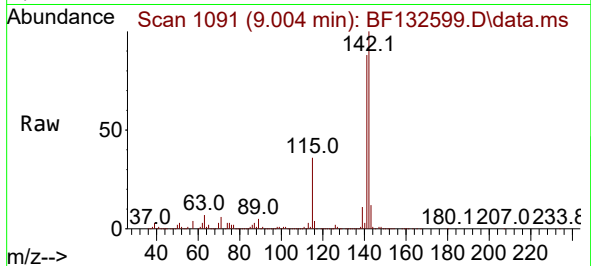




#37
2-Methylnaphthalene
Concen: 27.723 ng
RT: 9.004 min Scan# 1108
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

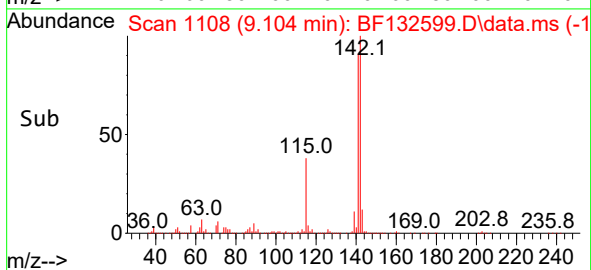
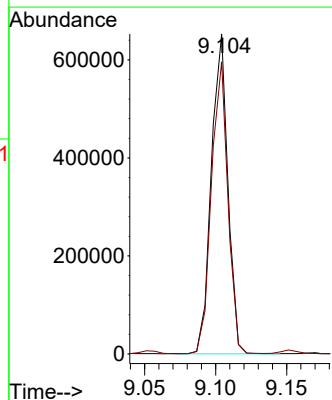
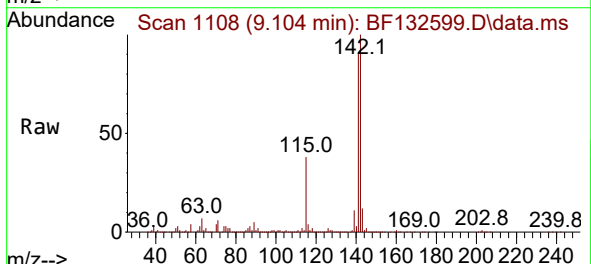
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MS

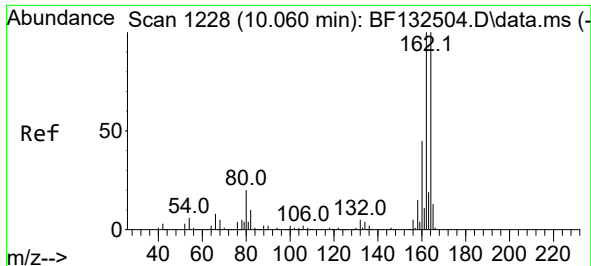
Tgt Ion:142 Resp: 606843
Ion Ratio Lower Upper
142 100
141 88.3 70.2 105.2



#38
1-Methylnaphthalene
Concen: 25.850 ng
RT: 9.104 min Scan# 1108
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion:142 Resp: 528807
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.051 min Scan# 1119

Delta R.T. -0.003 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MS

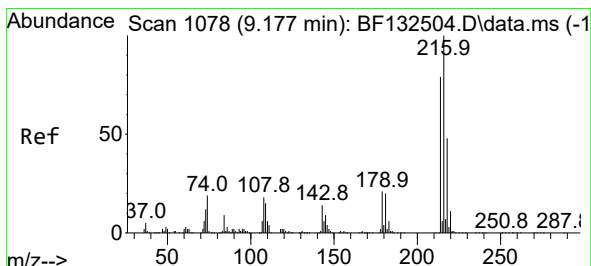
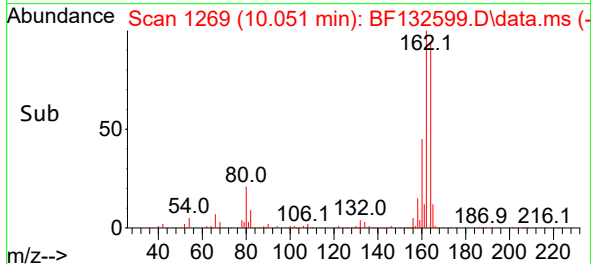
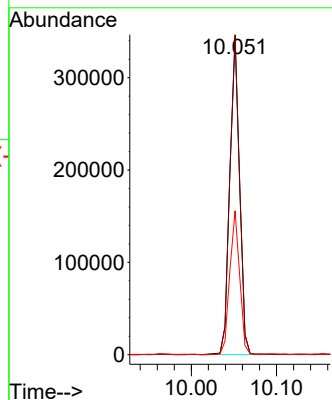
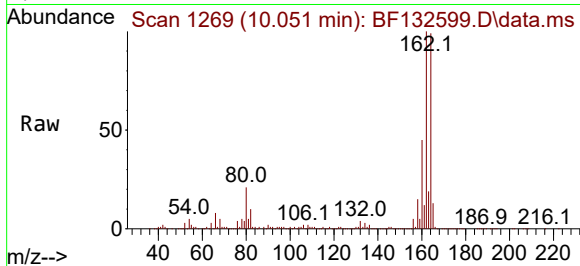
Tgt Ion:164 Resp: 272533

Ion Ratio Lower Upper

164 100

162 101.0 79.8 119.8

160 45.4 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 26.733 ng

RT: 9.169 min Scan# 1119

Delta R.T. -0.003 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

Tgt Ion:216 Resp: 238370

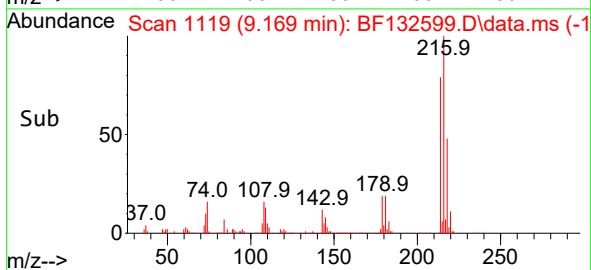
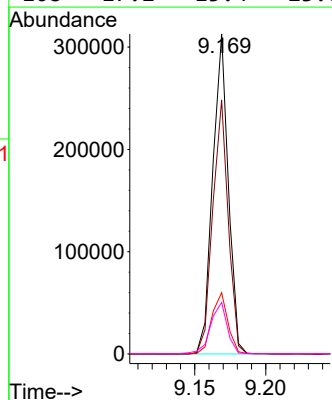
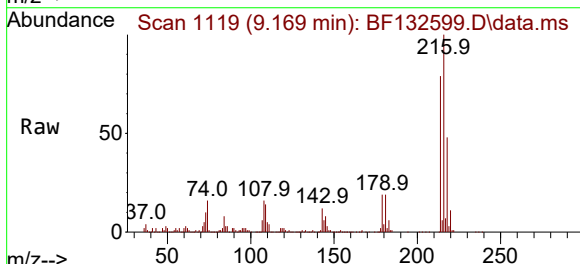
Ion Ratio Lower Upper

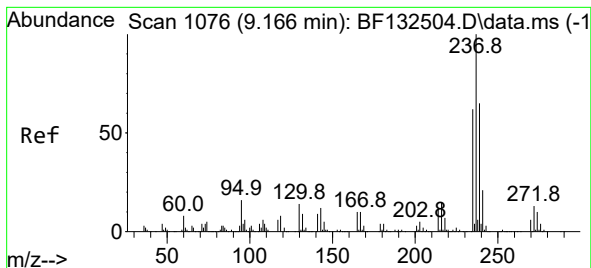
216 100

214 78.8 63.0 94.6

179 19.6 16.6 24.8

108 17.2 15.4 23.0





#41

Hexachlorocyclopentadiene

Concen: 10.721 ng

RT: 9.151 min Scan# 1116

Delta R.T. -0.003 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MS

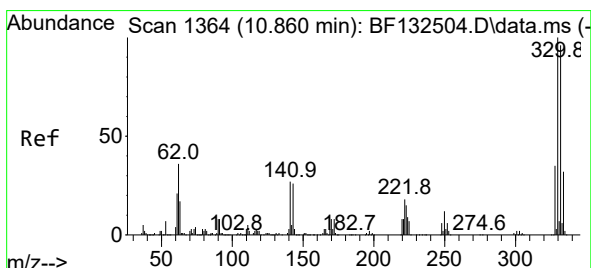
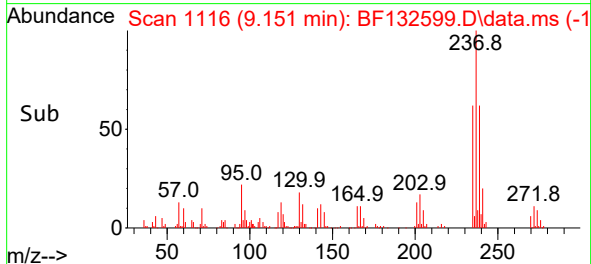
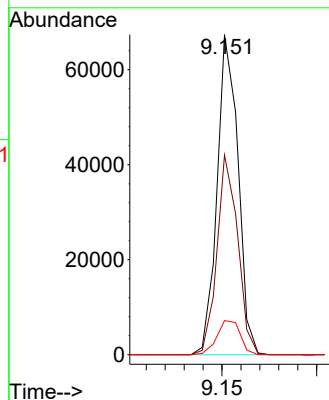
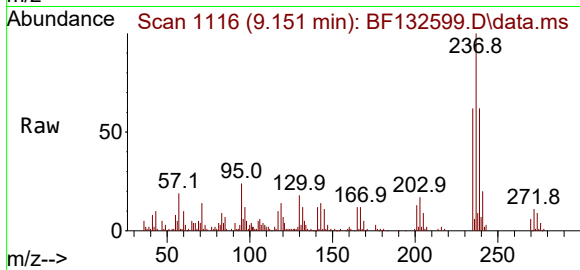
Tgt Ion:237 Resp: 51849

Ion Ratio Lower Upper

237 100

235 62.4 42.4 82.4

272 10.7 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 27.048 ng

RT: 10.845 min Scan# 1404

Delta R.T. -0.003 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

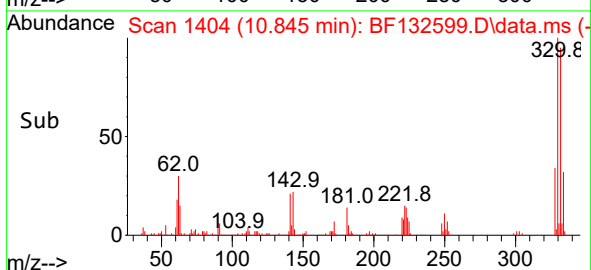
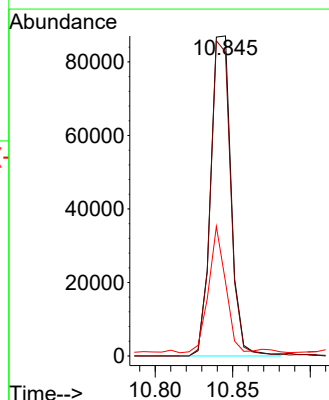
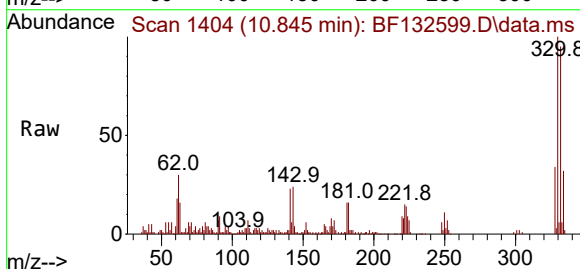
Tgt Ion:330 Resp: 79609

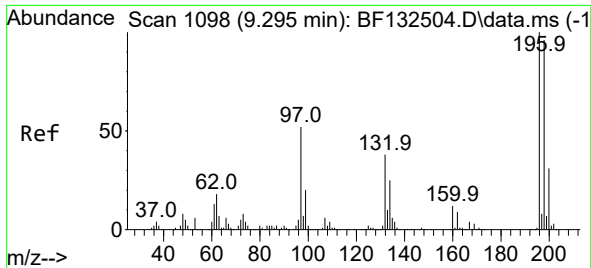
Ion Ratio Lower Upper

330 100

332 97.8 76.2 114.4

141 32.5 28.4 42.6

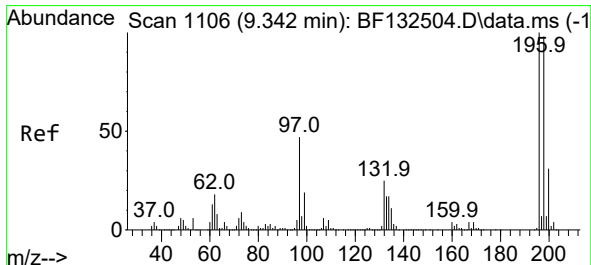
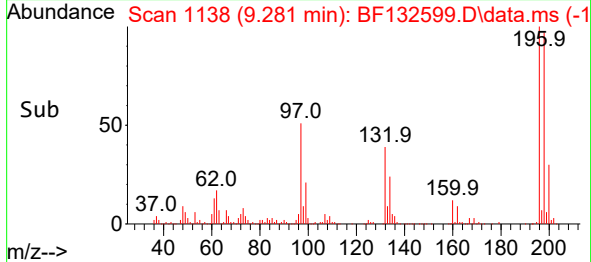
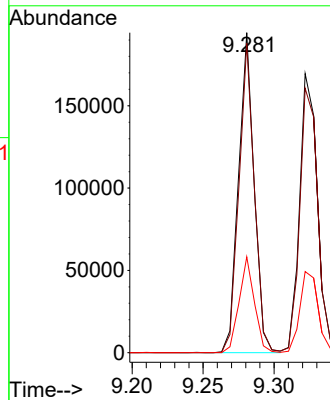
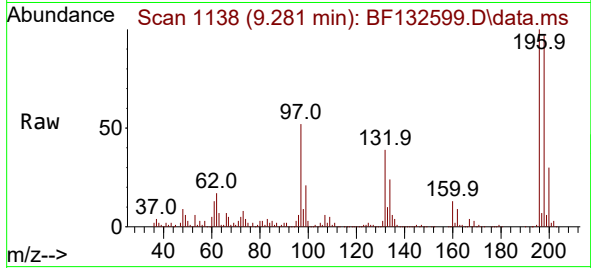




#43
2,4,6-Trichlorophenol
Concen: 24.575 ng
RT: 9.281 min Scan# 1118
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

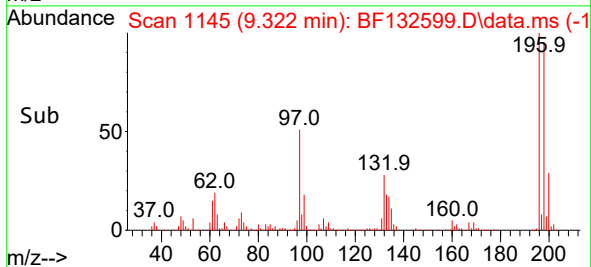
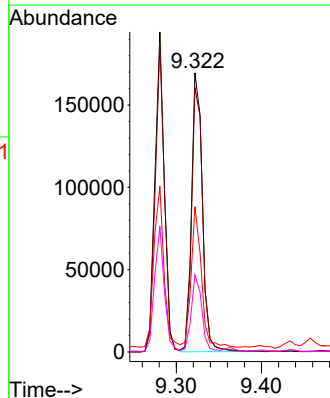
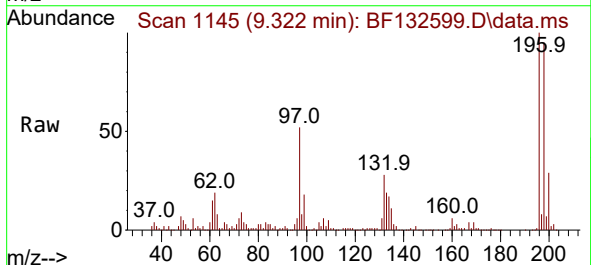
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MS

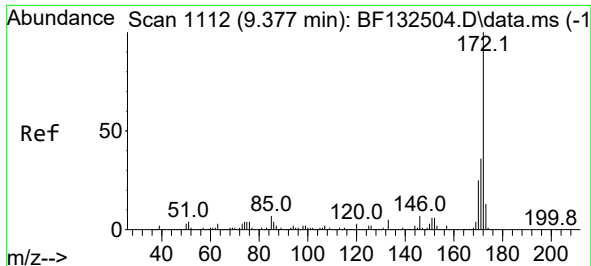
Tgt Ion:196 Resp: 148498
Ion Ratio Lower Upper
196 100
198 96.6 77.1 115.7
200 30.0 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 21.251 ng
RT: 9.322 min Scan# 1145
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion:196 Resp: 149876
Ion Ratio Lower Upper
196 100
198 94.8 78.3 117.5
97 52.1 38.1 57.1
132 27.6 20.2 30.4

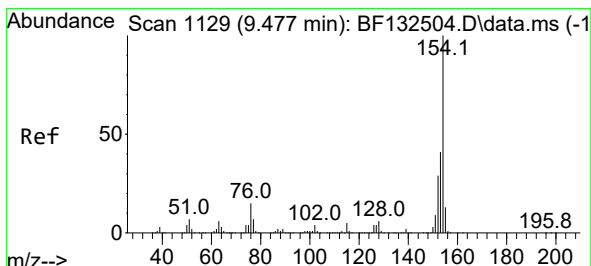
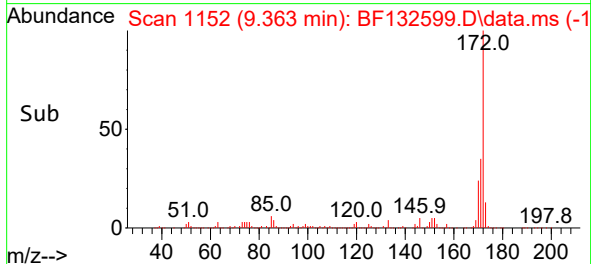
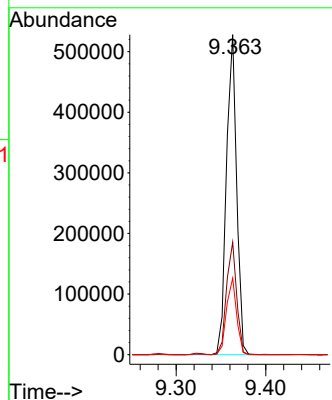
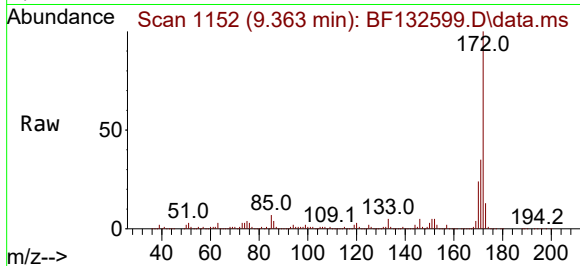




#45
2-Fluorobiphenyl
Concen: 23.290 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

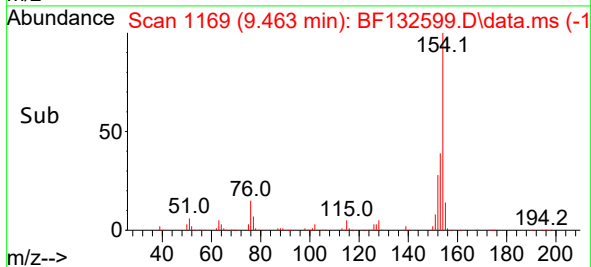
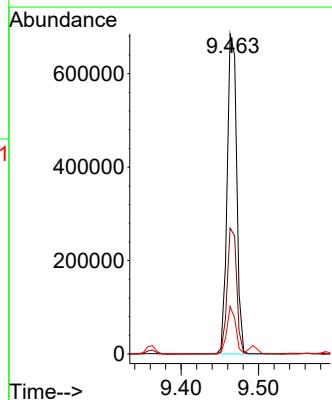
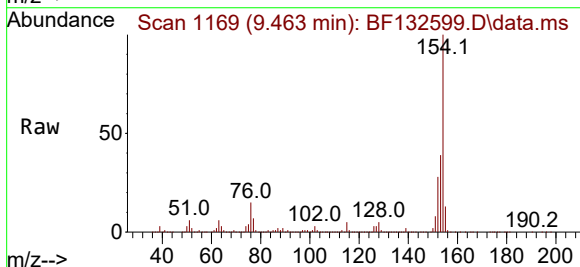
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MS

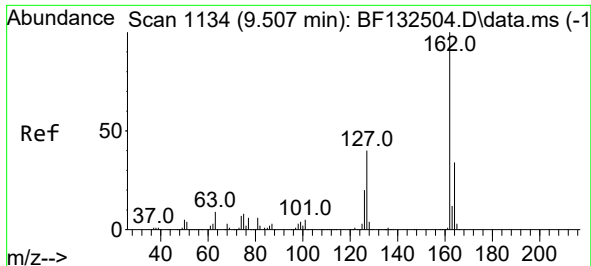
Tgt Ion:172 Resp: 416847
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.9 19.7 29.5



#46
1,1'-Biphenyl
Concen: 28.543 ng
RT: 9.463 min Scan# 1169
Delta R.T. -0.009 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion:154 Resp: 588766
Ion Ratio Lower Upper
154 100
153 39.4 20.9 60.9
76 14.8 0.0 34.7





#47

2-Chloronaphthalene

Concen: 26.062 ng

RT: 9.492 min Scan# 1114

Delta R.T. -0.009 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MS

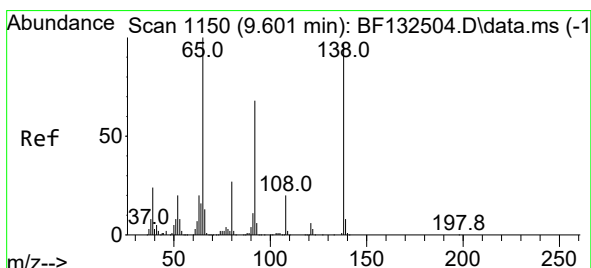
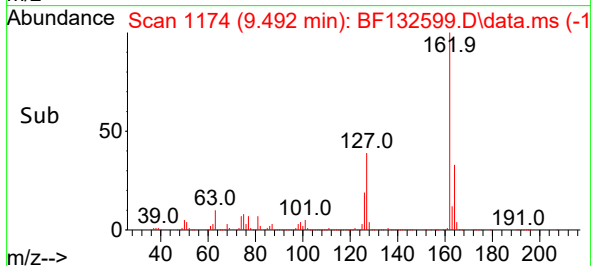
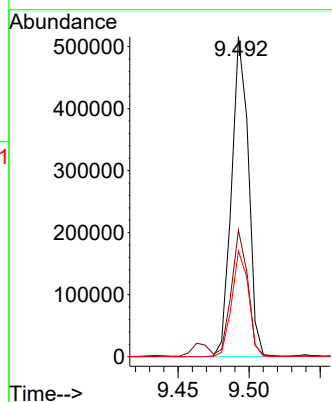
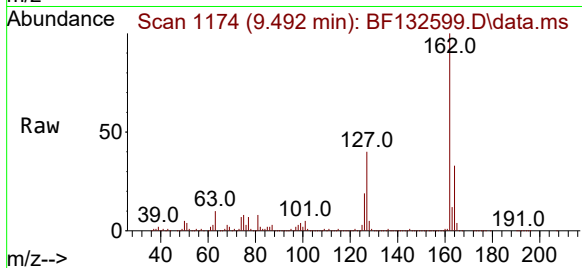
Tgt Ion:162 Resp: 426238

Ion Ratio Lower Upper

162 100

127 39.6 32.3 48.5

164 33.0 26.9 40.3



#48

2-Nitroaniline

Concen: 21.167 ng

RT: 9.587 min Scan# 1190

Delta R.T. -0.009 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

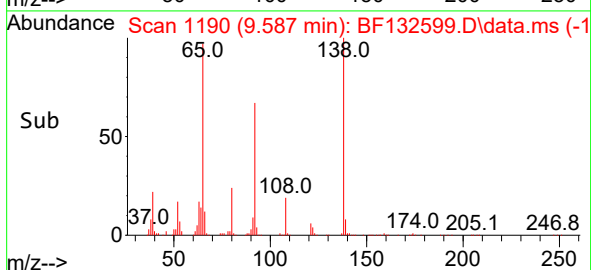
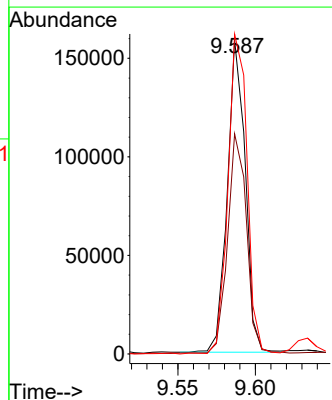
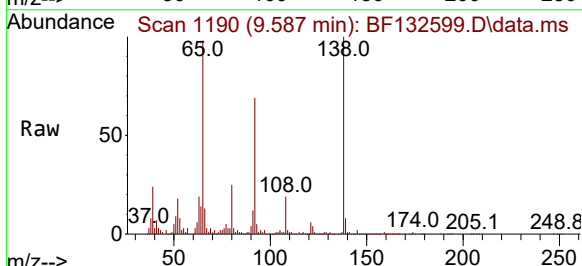
Tgt Ion: 65 Resp: 127498

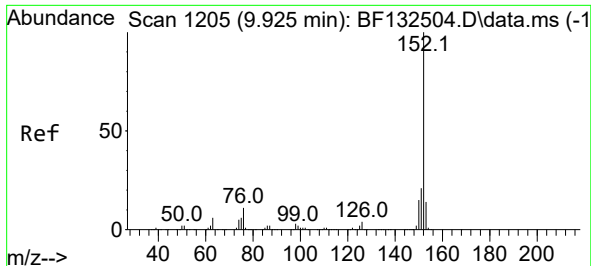
Ion Ratio Lower Upper

65 100

92 70.1 54.5 81.7

138 101.8 77.2 115.8





#49

Acenaphthylene

Concen: 26.189 ng

RT: 9.910 min Scan# 1

Delta R.T. -0.009 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MS

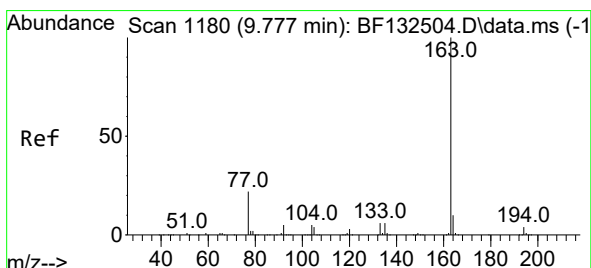
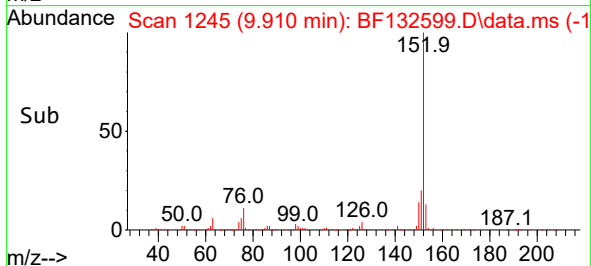
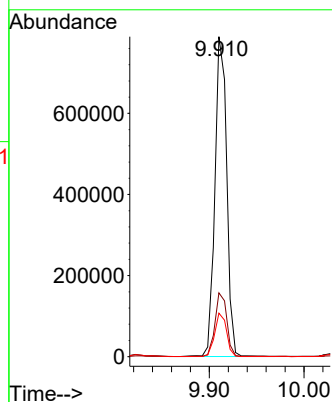
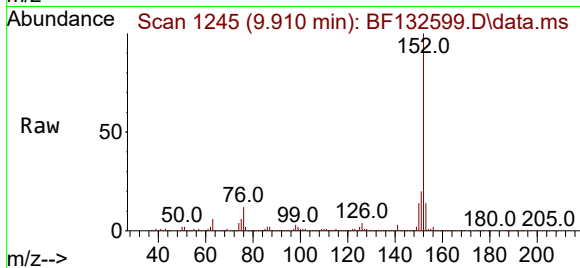
Tgt Ion:152 Resp: 681648

Ion Ratio Lower Upper

152 100

151 20.0 16.4 24.6

153 13.6 11.0 16.6



#50

Dimethylphthalate

Concen: 24.447 ng

RT: 9.757 min Scan# 1219

Delta R.T. -0.014 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

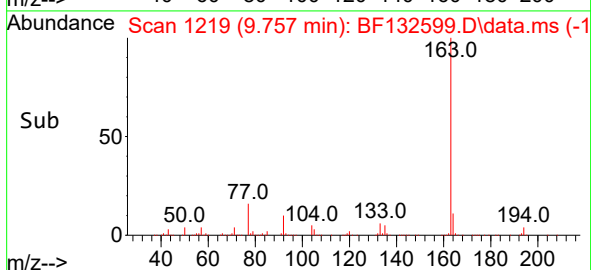
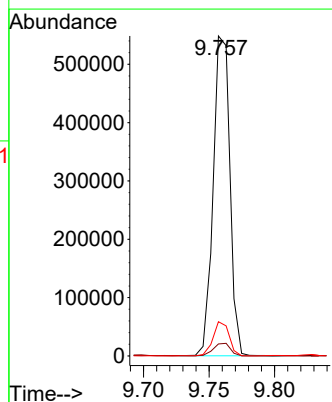
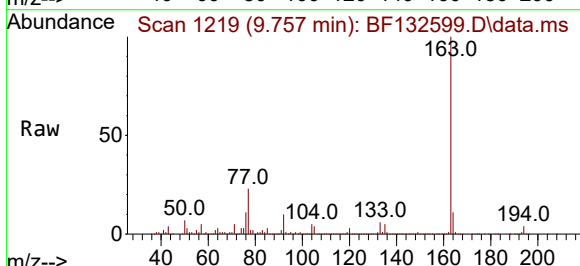
Tgt Ion:163 Resp: 485117

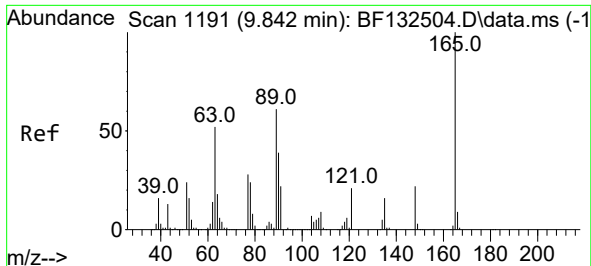
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.7 8.3 12.5

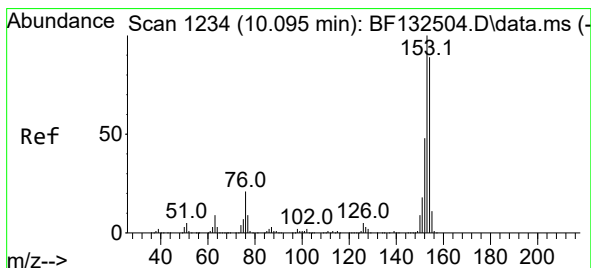
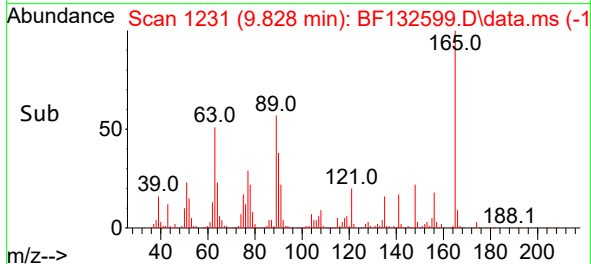
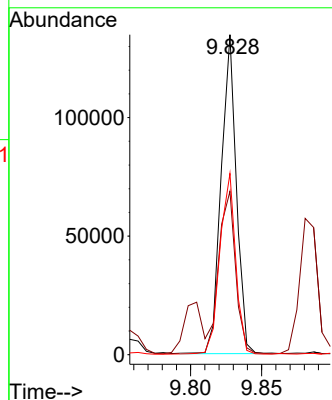
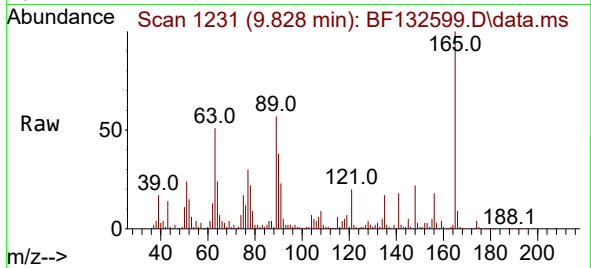




#51
2,6-Dinitrotoluene
Concen: 22.121 ng
RT: 9.828 min Scan# 1191
Delta R.T. -0.009 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

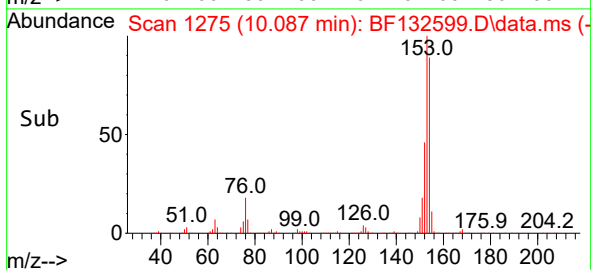
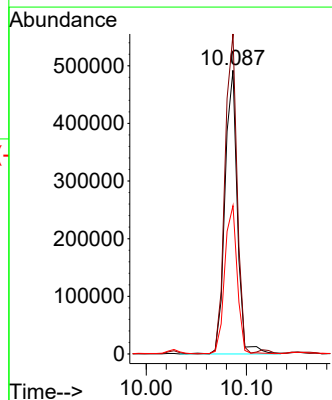
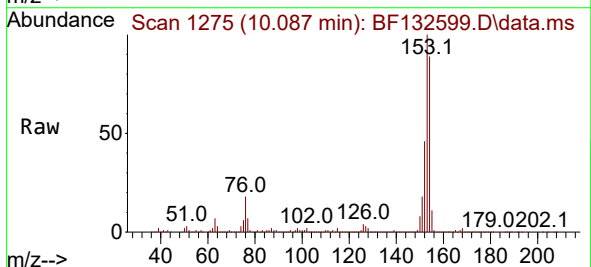
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MS

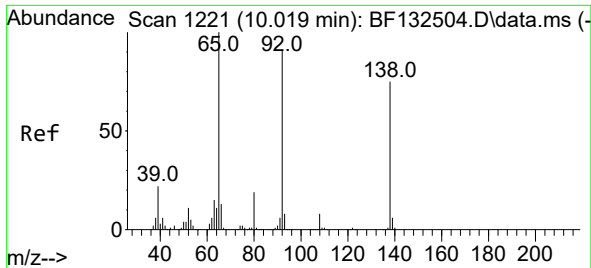
Tgt Ion:165 Resp: 99971
Ion Ratio Lower Upper
165 100
63 51.0 47.3 70.9
89 56.7 48.9 73.3



#52
Acenaphthene
Concen: 25.428 ng
RT: 10.087 min Scan# 1275
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion:154 Resp: 420271
Ion Ratio Lower Upper
154 100
153 112.8 89.8 134.8
152 52.3 43.3 64.9

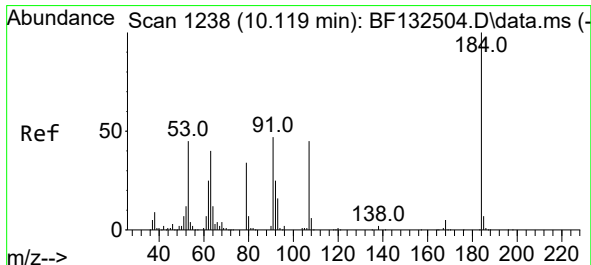
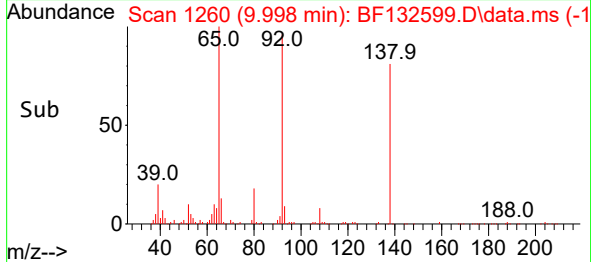
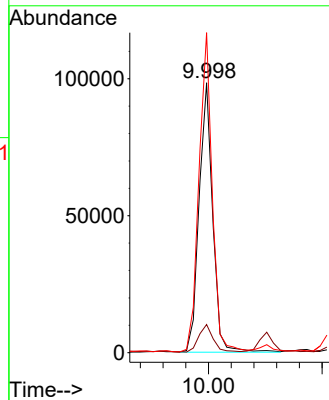
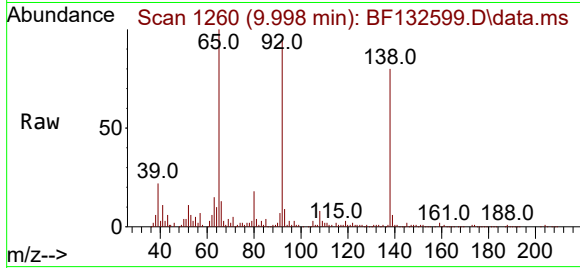




#53
3-Nitroaniline
Concen: 16.217 ng
RT: 9.998 min Scan# 1260
Delta R.T. -0.009 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

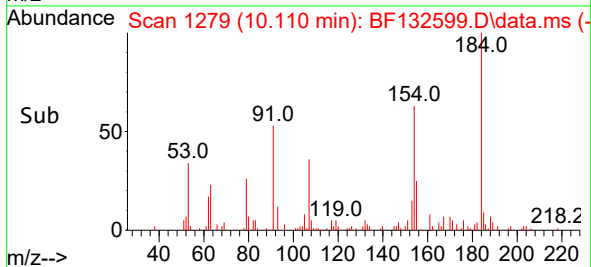
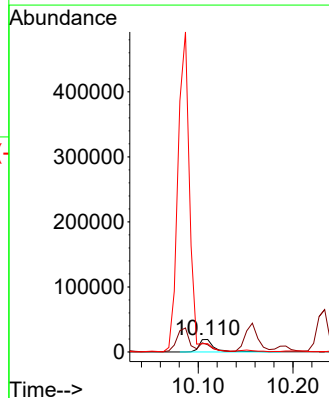
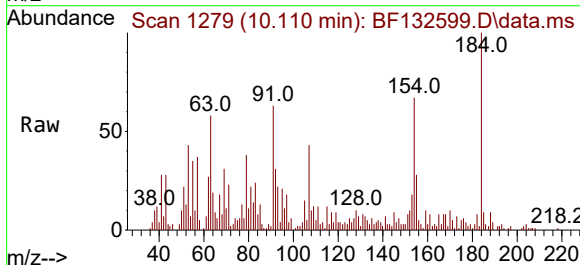
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MS

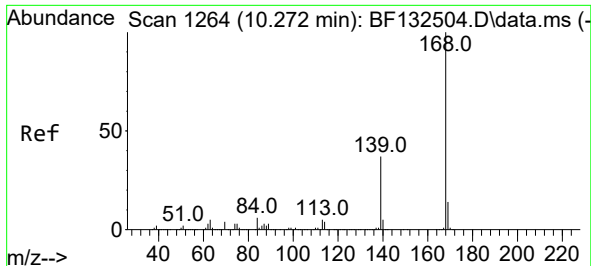
Tgt Ion:138 Resp: 81981
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 118.6 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 9.322 ng
RT: 10.110 min Scan# 1279
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion:184 Resp: 21796
Ion Ratio Lower Upper
184 100
63 58.1 51.4 77.2
154 66.9 48.3 72.5

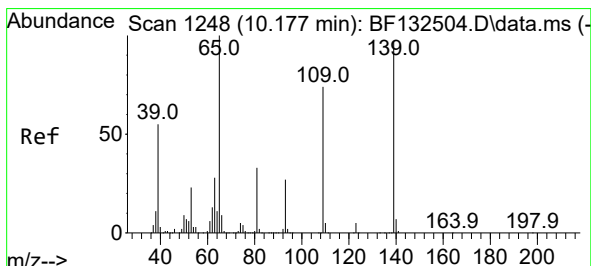
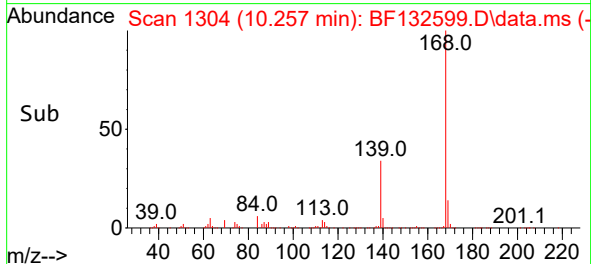
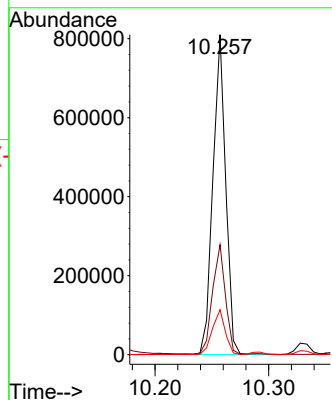
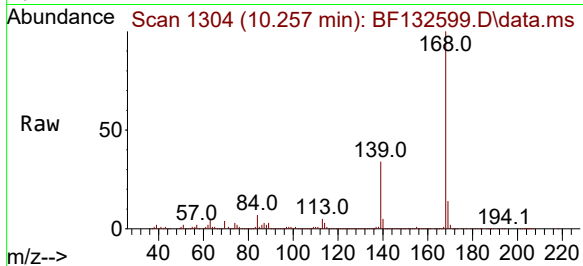




#55
Dibenzofuran
Concen: 26.163 ng
RT: 10.257 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

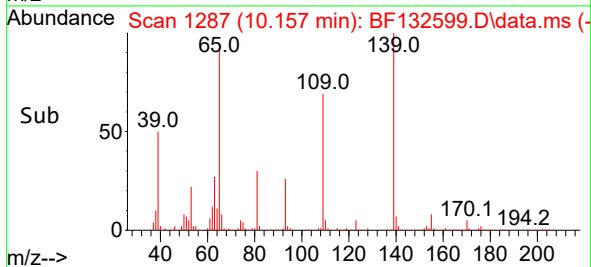
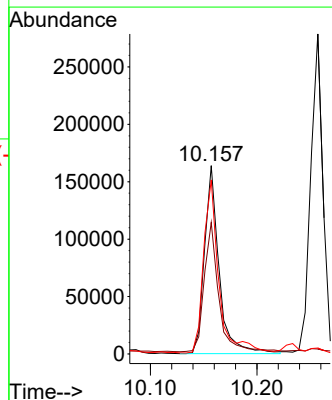
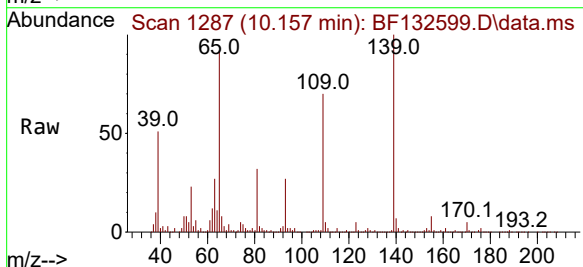
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MS

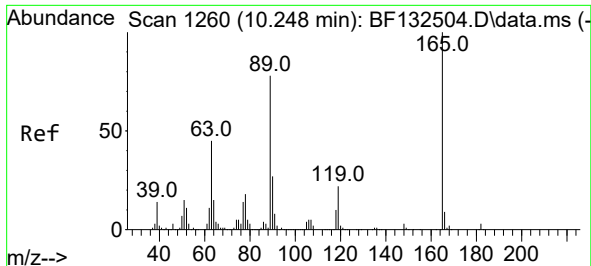
Tgt Ion:168 Resp: 630383
Ion Ratio Lower Upper
168 100
139 34.4 29.8 44.6
169 14.0 10.9 16.3



#56
4-Nitrophenol
Concen: 41.560 ng
RT: 10.157 min Scan# 1287
Delta R.T. -0.009 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion:139 Resp: 156684
Ion Ratio Lower Upper
139 100
109 69.8 56.7 96.7
65 92.5 83.5 123.5

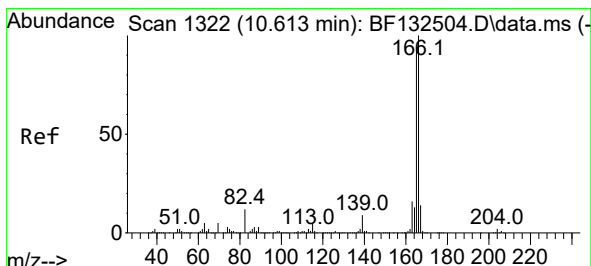
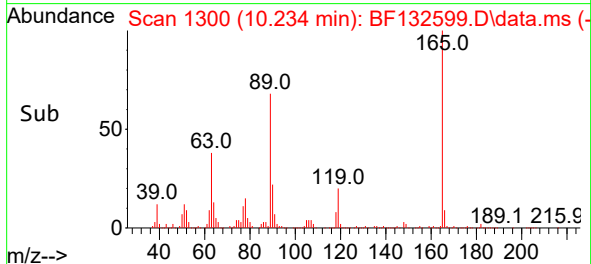
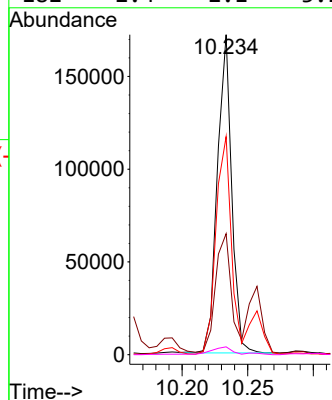
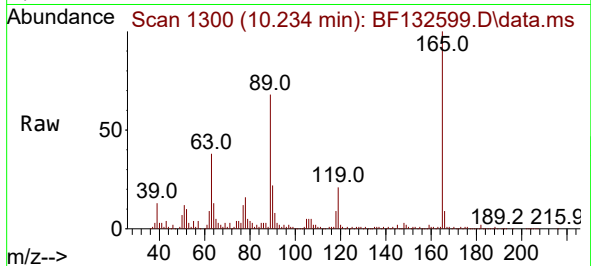




#57
2,4-Dinitrotoluene
Concen: 21.698 ng
RT: 10.234 min Scan# 1300
Delta R.T. -0.009 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

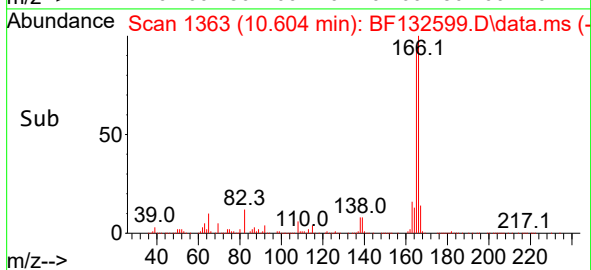
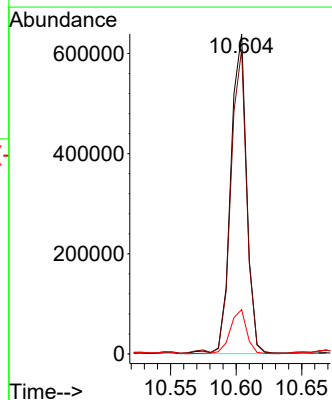
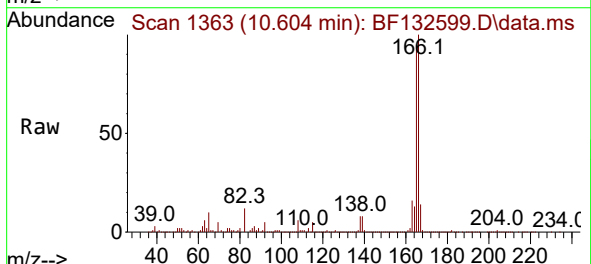
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MS

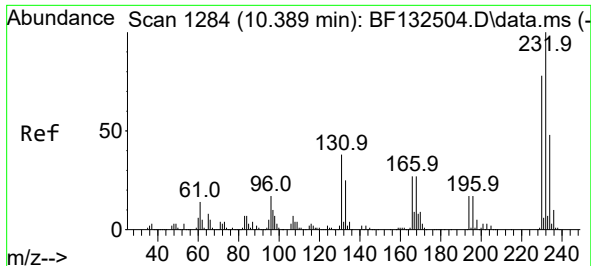
Tgt Ion:	165	Resp:	130456
Ion Ratio	Lower	Upper	
165	100		
63	37.8	36.5	54.7
89	68.2	62.4	93.6
182	2.4	2.1	3.1



#58
Fluorene
Concen: 29.057 ng
RT: 10.604 min Scan# 1363
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion:	166	Resp:	535527
Ion Ratio	Lower	Upper	
166	100		
165	95.2	74.2	111.4
167	13.8	11.1	16.7

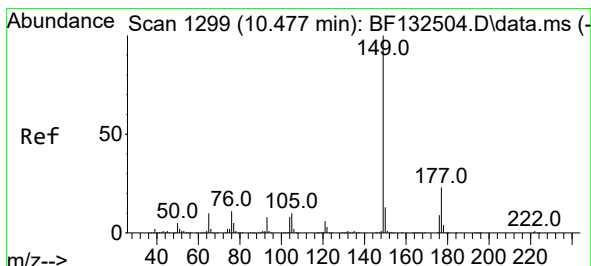
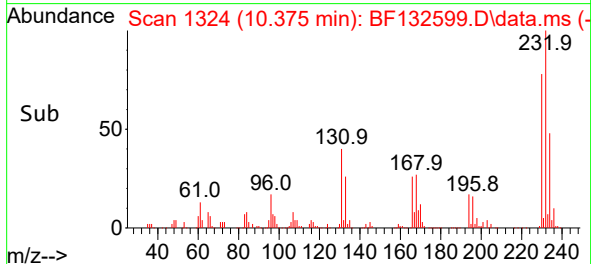
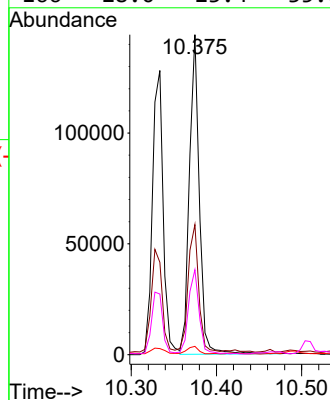
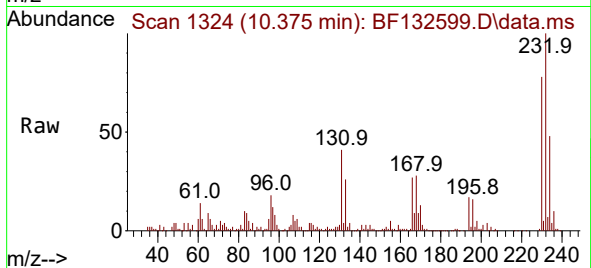




#59
2,3,4,6-Tetrachlorophenol
Concen: 22.375 ng
RT: 10.375 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

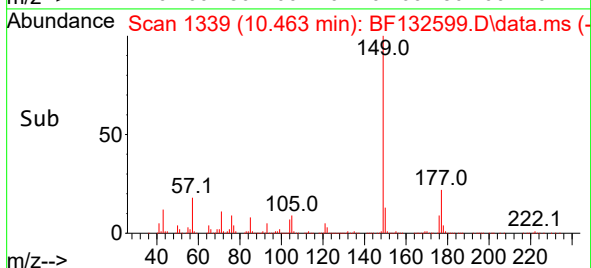
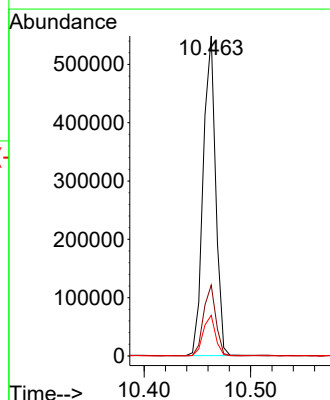
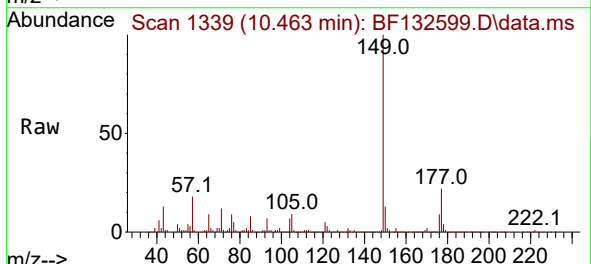
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MS

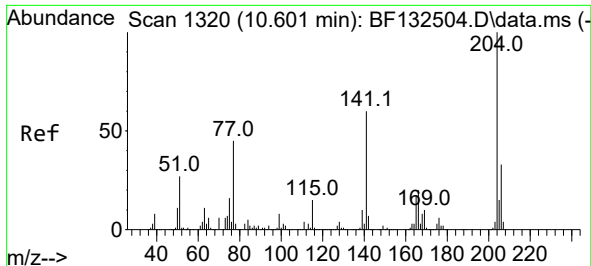
Tgt Ion:232 Resp: 117225
Ion Ratio Lower Upper
232 100
131 41.5 33.8 50.8
130 2.5 1.7 2.5
166 28.0 23.4 35.0



#60
Diethylphthalate
Concen: 23.098 ng
RT: 10.463 min Scan# 1339
Delta R.T. -0.009 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion:149 Resp: 447650
Ion Ratio Lower Upper
149 100
177 22.1 18.1 27.1
150 12.7 10.2 15.2

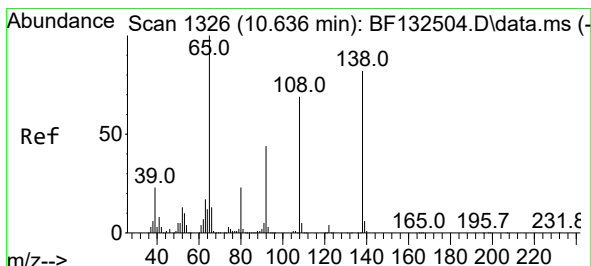
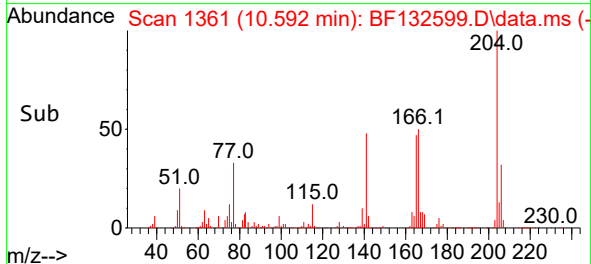
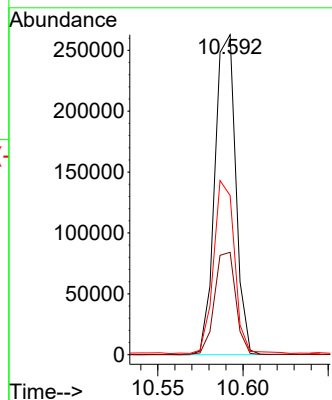
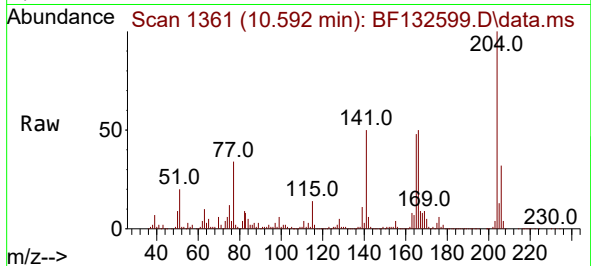




#61
4-Chlorophenyl-phenylether
Concen: 23.449 ng
RT: 10.592 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

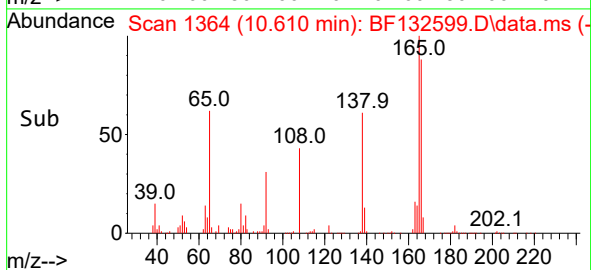
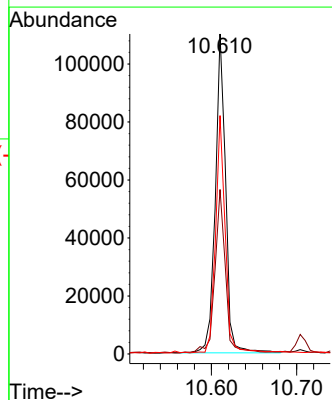
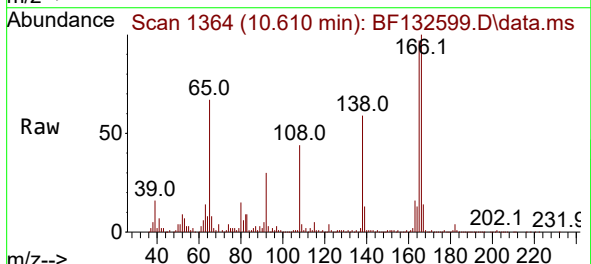
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MS

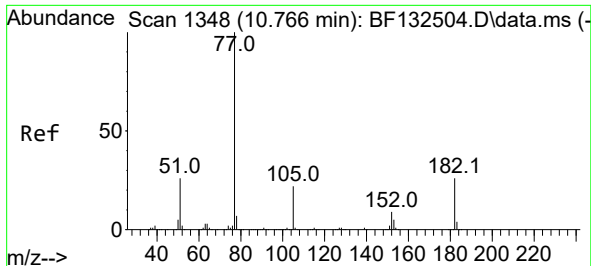
Tgt Ion:204 Resp: 224196
Ion Ratio Lower Upper
204 100
206 32.0 26.3 39.5
141 49.7 47.8 71.8



#62
4-Nitroaniline
Concen: 18.786 ng
RT: 10.610 min Scan# 1364
Delta R.T. -0.020 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion:138 Resp: 93223
Ion Ratio Lower Upper
138 100
92 51.4 33.8 73.8
108 74.5 63.7 103.7

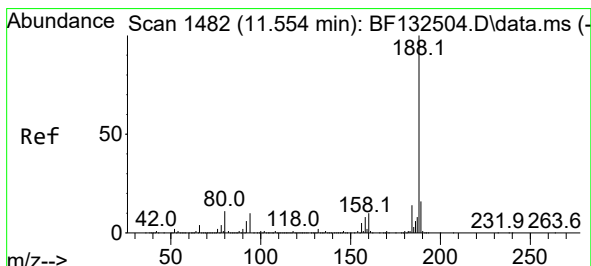
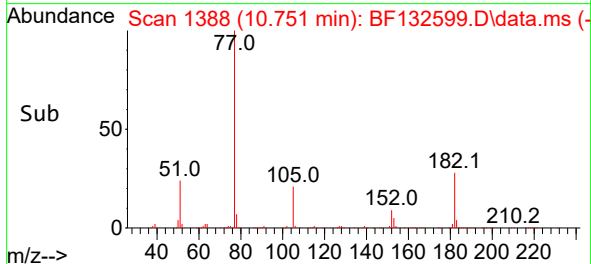
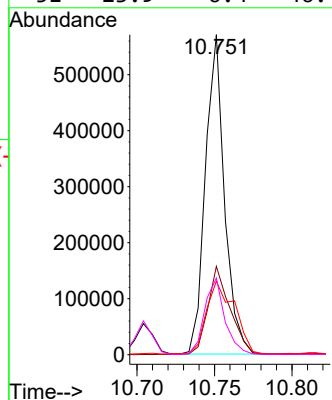
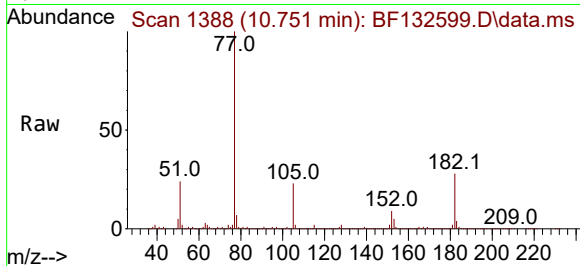




#63
Azobenzene
Concen: 23.833 ng
RT: 10.751 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

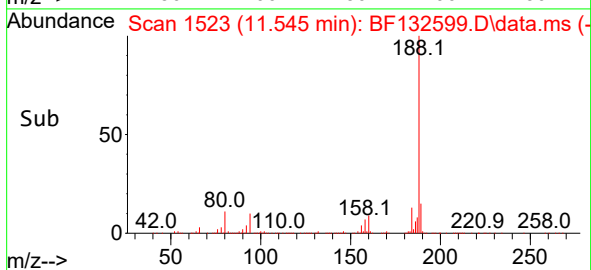
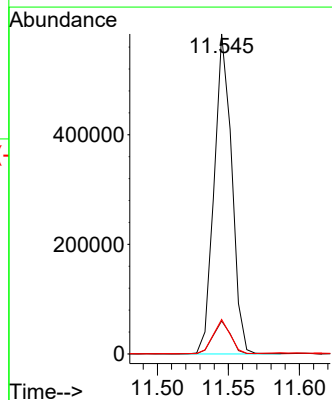
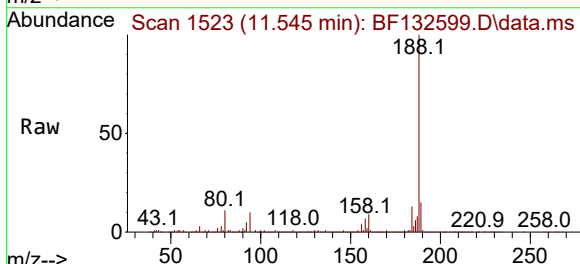
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MS

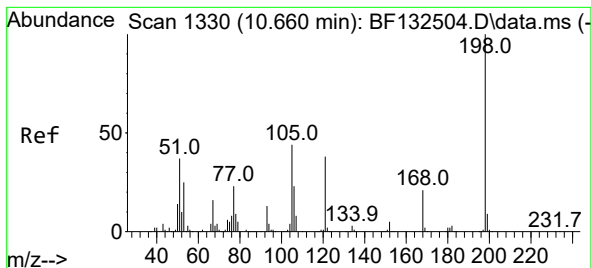
Tgt Ion: 77 Resp: 489172
Ion Ratio Lower Upper
77 100
182 27.6 5.5 45.5
105 23.0 1.8 41.8
51 23.9 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion: 188 Resp: 502335
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 10.8 8.7 13.1

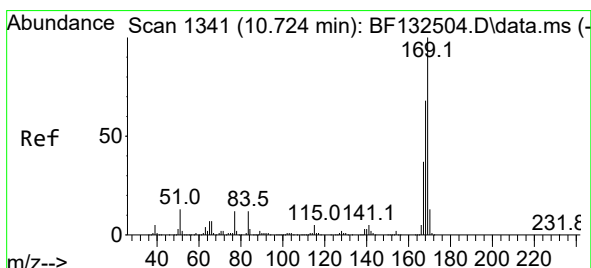
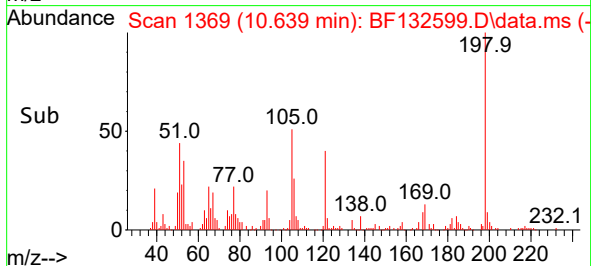
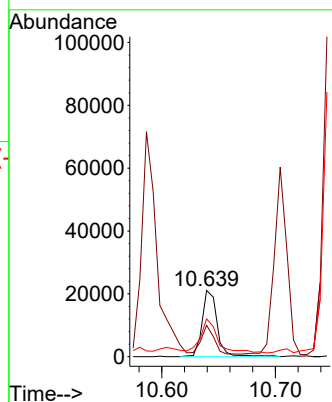
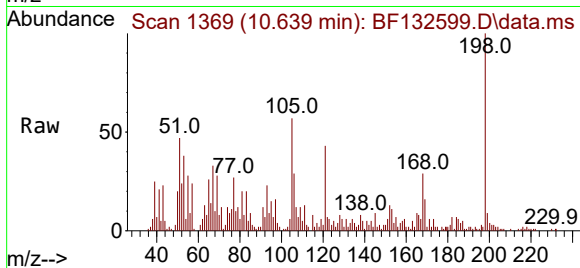




#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.696 ng
 RT: 10.639 min Scan# 11
 Delta R.T. -0.014 min
 Lab File: BF132599.D
 Acq: 01 Mar 2023 19:23

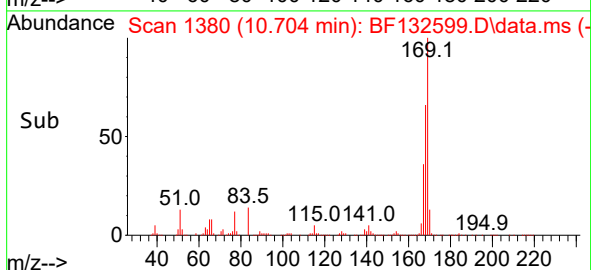
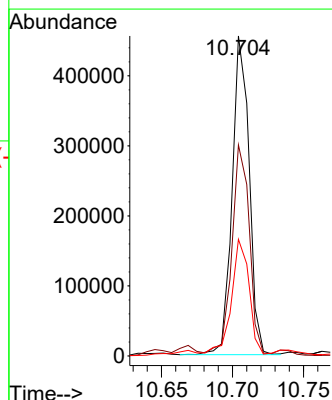
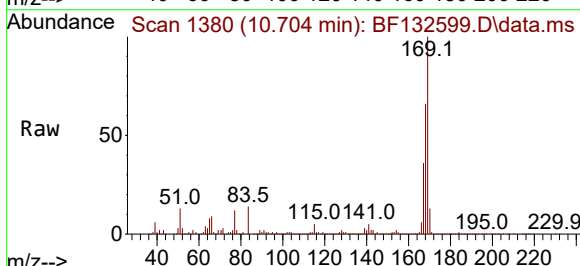
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022723MS

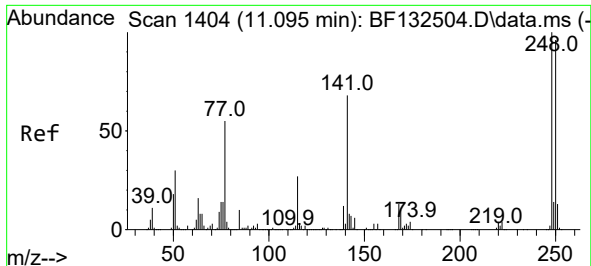
Tgt Ion:198 Resp: 19371
 Ion Ratio Lower Upper
 198 100
 51 47.4 20.6 60.6
 105 57.0 24.3 64.3



#66
 n-Nitrosodiphenylamine
 Concen: 24.136 ng
 RT: 10.704 min Scan# 1380
 Delta R.T. -0.009 min
 Lab File: BF132599.D
 Acq: 01 Mar 2023 19:23

Tgt Ion:169 Resp: 377989
 Ion Ratio Lower Upper
 169 100
 168 66.0 54.2 81.4
 167 36.5 29.6 44.4

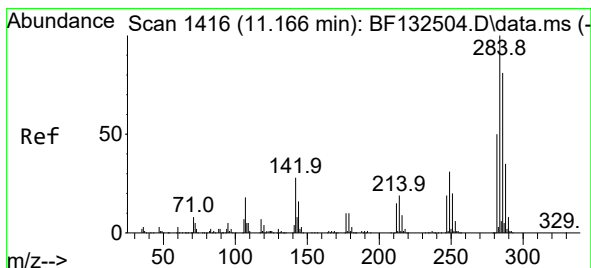
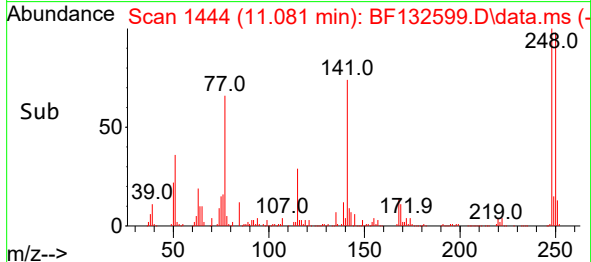
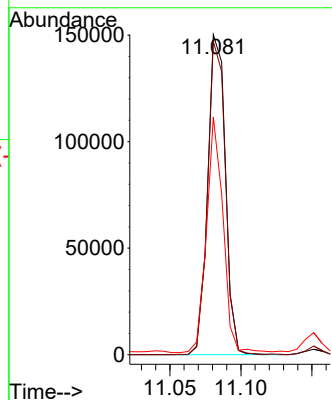
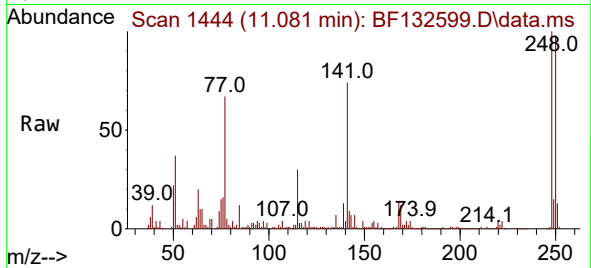




#67
4-Bromophenyl-phenylether
Concen: 22.967 ng
RT: 11.081 min Scan# 1444
Delta R.T. -0.009 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

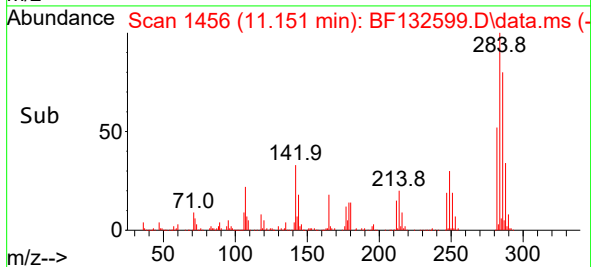
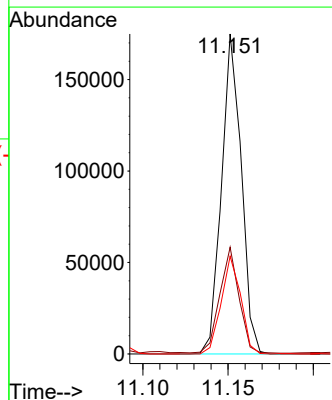
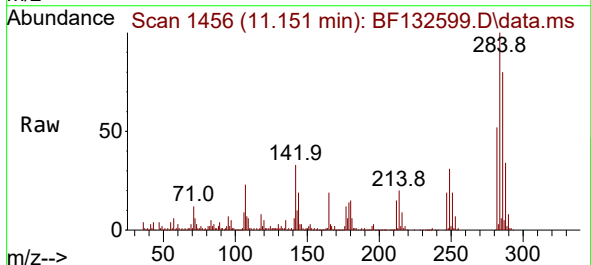
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MS

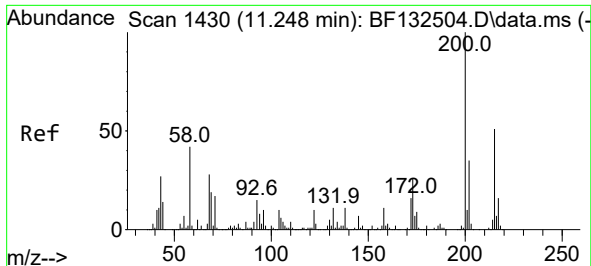
Tgt Ion:248 Resp: 130505
Ion Ratio Lower Upper
248 100
250 98.0 77.0 115.4
141 74.3 54.2 81.2



#68
Hexachlorobenzene
Concen: 23.633 ng
RT: 11.151 min Scan# 1456
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion:284 Resp: 141301
Ion Ratio Lower Upper
284 100
142 33.4 22.2 33.4
249 30.5 24.9 37.3

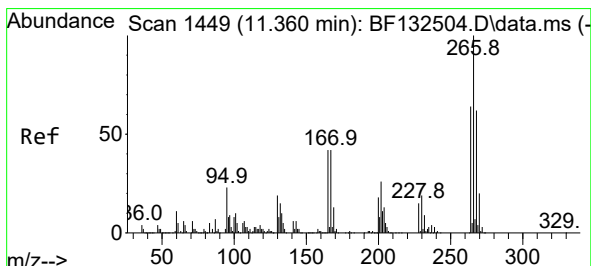
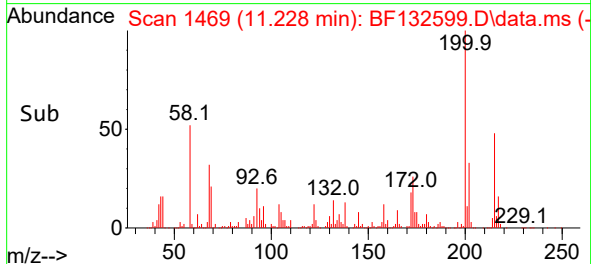
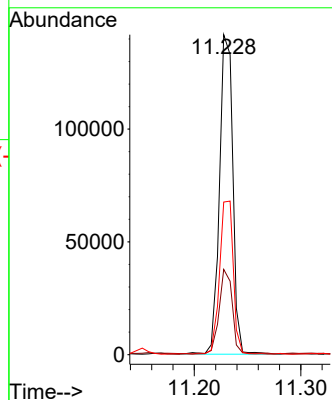
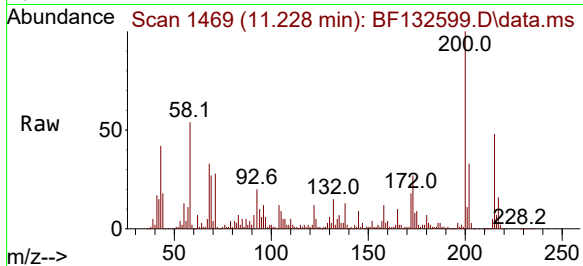




#69
 Atrazine
 Concen: 25.062 ng
 RT: 11.228 min Scan# 1469
 Delta R.T. -0.009 min
 Lab File: BF132599.D
 Acq: 01 Mar 2023 19:23

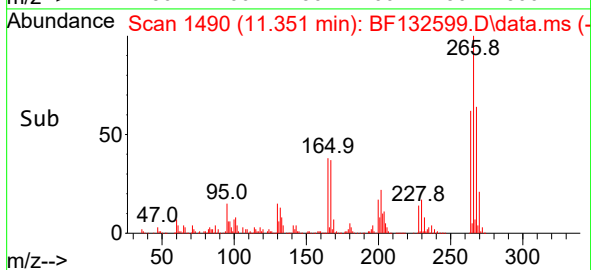
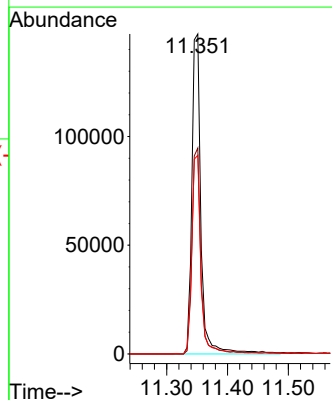
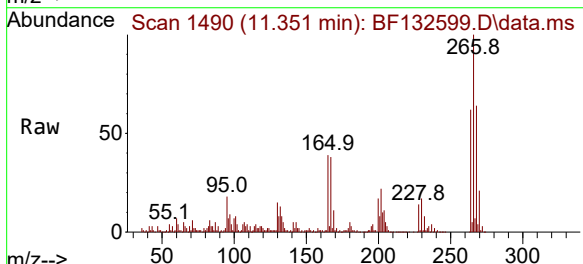
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022723MS

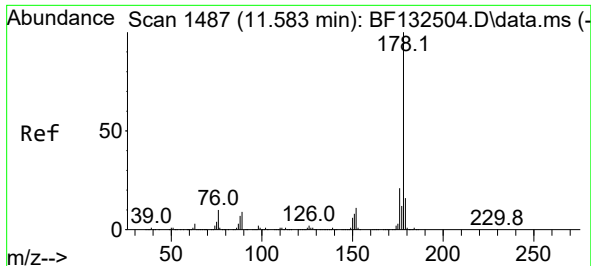
Tgt Ion:200 Resp: 122529
 Ion Ratio Lower Upper
 200 100
 173 26.6 6.4 46.4
 215 47.7 31.0 71.0



#70
 Pentachlorophenol
 Concen: 43.007 ng
 RT: 11.351 min Scan# 1490
 Delta R.T. 0.003 min
 Lab File: BF132599.D
 Acq: 01 Mar 2023 19:23

Tgt Ion:266 Resp: 152987
 Ion Ratio Lower Upper
 266 100
 268 64.3 49.8 74.6
 264 62.1 50.9 76.3

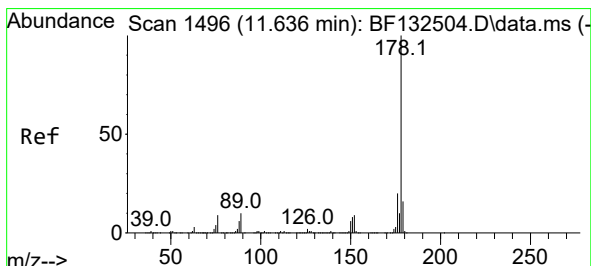
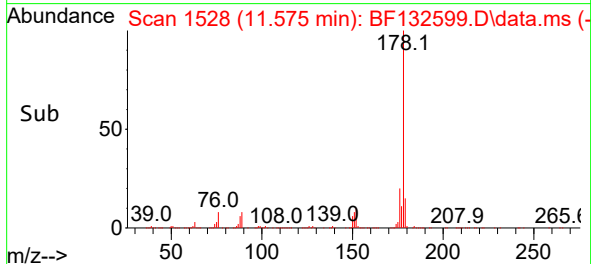
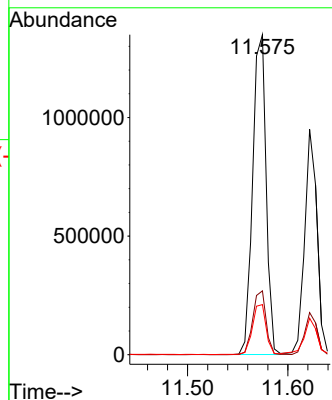
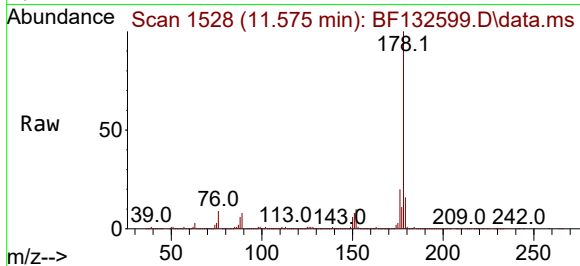




#71
Phenanthrene
Concen: 48.267 ng
RT: 11.575 min Scan# 1536
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

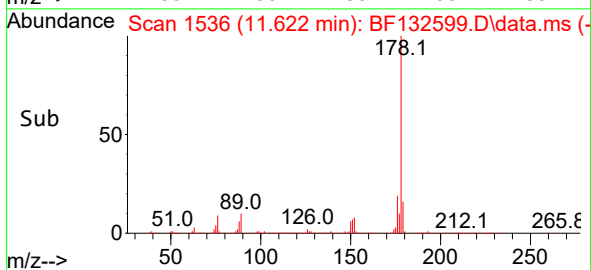
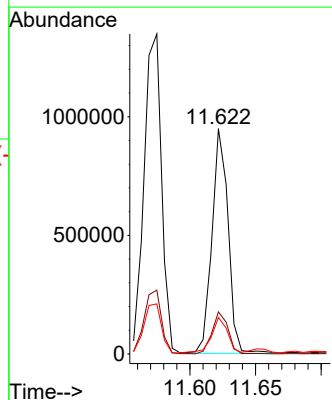
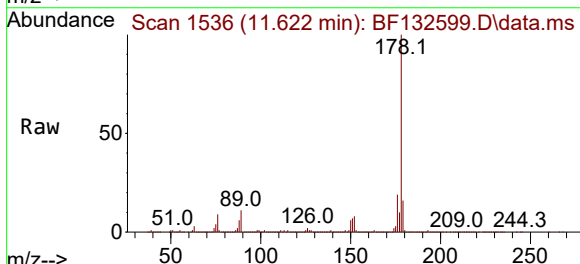
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MS

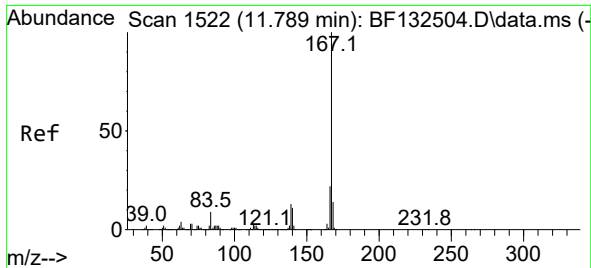
Tgt Ion:178 Resp: 1256060
Ion Ratio Lower Upper
178 100
176 19.9 16.5 24.7
179 15.7 13.0 19.6



#72
Anthracene
Concen: 30.281 ng
RT: 11.622 min Scan# 1536
Delta R.T. -0.009 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion:178 Resp: 811476
Ion Ratio Lower Upper
178 100
176 18.7 15.6 23.4
179 16.2 12.5 18.7

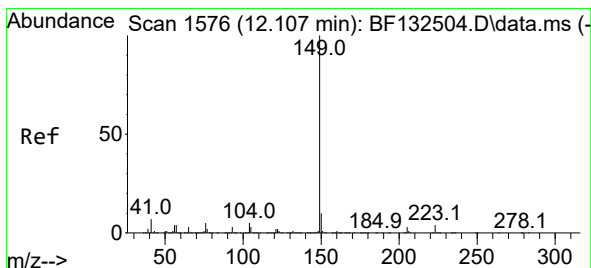
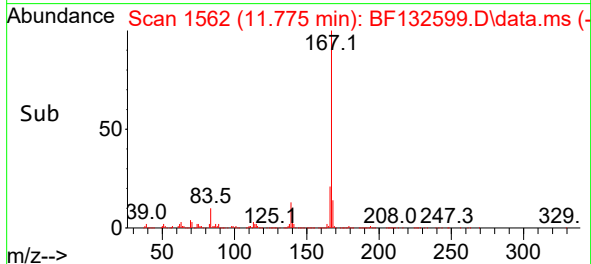
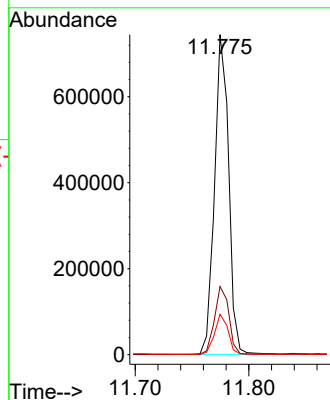
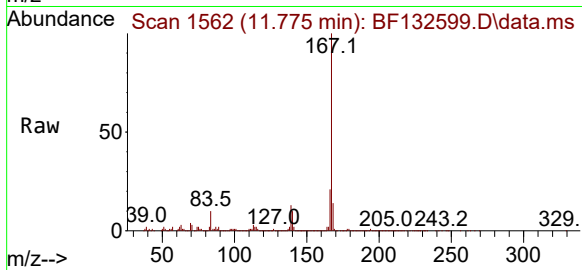




#73
 Carbazole
 Concen: 26.601 ng
 RT: 11.775 min Scan# 1
 Delta R.T. -0.009 min
 Lab File: BF132599.D
 Acq: 01 Mar 2023 19:23

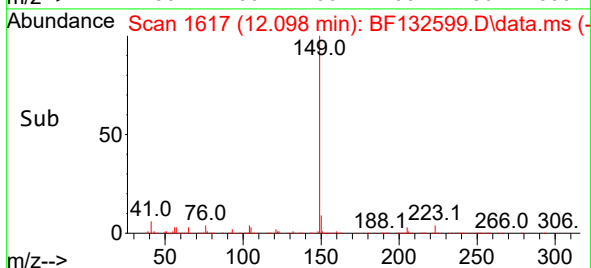
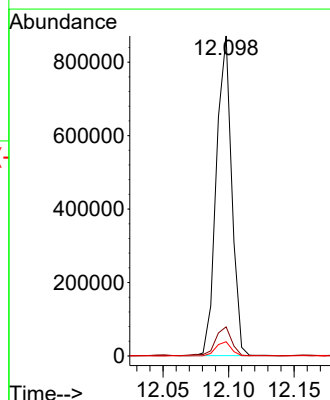
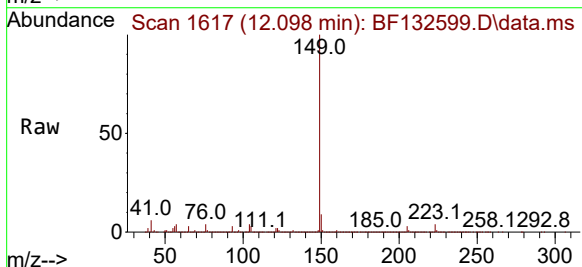
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022723MS

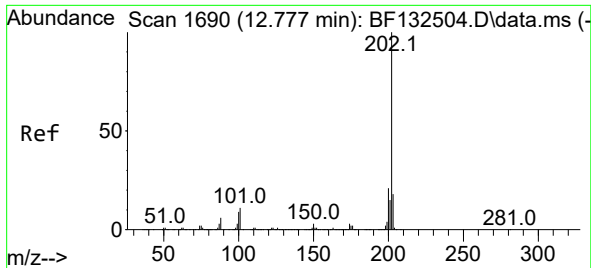
Tgt Ion:167 Resp: 642720
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.7 26.5
 139 12.6 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 24.889 ng
 RT: 12.098 min Scan# 1617
 Delta R.T. -0.003 min
 Lab File: BF132599.D
 Acq: 01 Mar 2023 19:23

Tgt Ion:149 Resp: 705405
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.8 11.8
 104 4.4 4.3 6.5

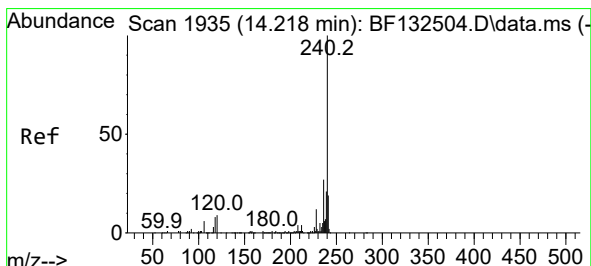
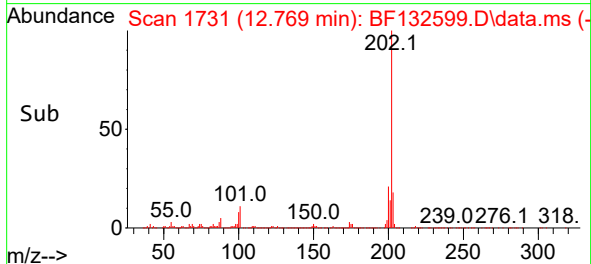
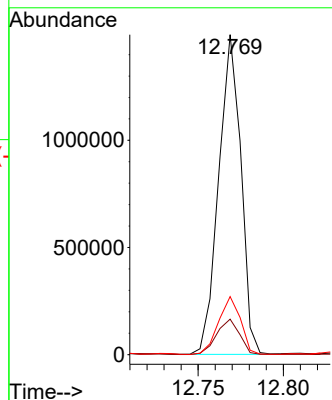
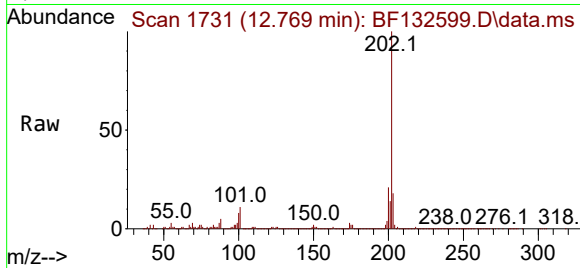




#75
Fluoranthene
Concen: 47.587 ng
RT: 12.769 min Scan# 1731
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

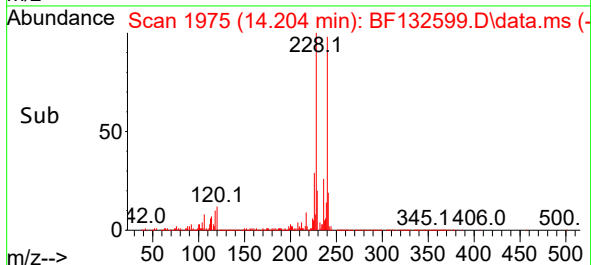
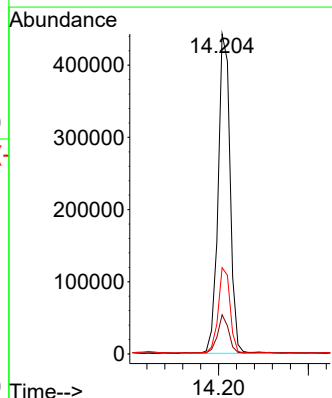
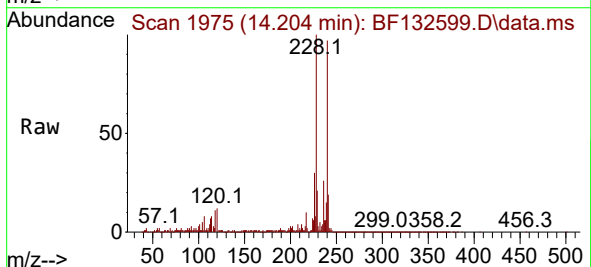
Instrument :
BNA_F
ClientSampleId :
HD-01-022723MS

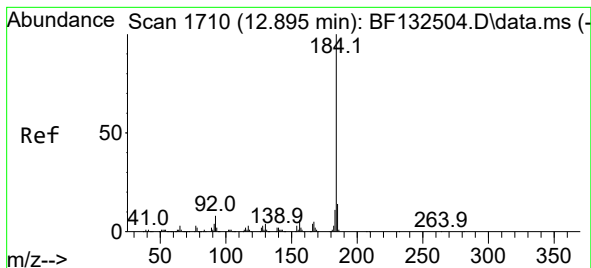
Tgt Ion:202 Resp: 1353808
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 18.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132599.D
Acq: 01 Mar 2023 19:23

Tgt Ion:240 Resp: 411256
Ion Ratio Lower Upper
240 100
120 12.2 7.2 10.8#
236 26.9 21.8 32.6





#77

Benzidine

Concen: 25.010 ng

RT: 12.886 min Scan# 1710

Delta R.T. 0.003 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MS

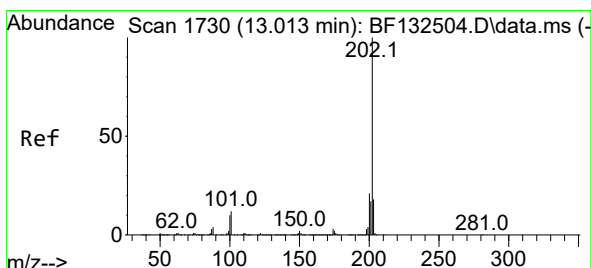
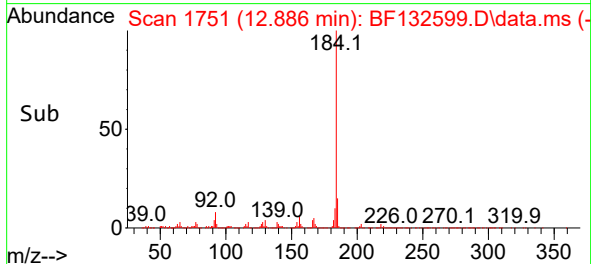
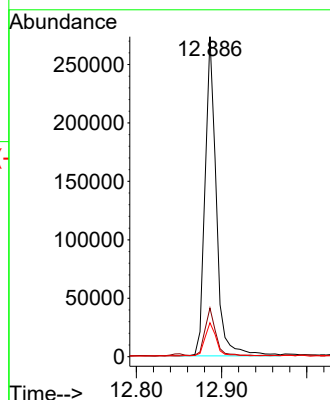
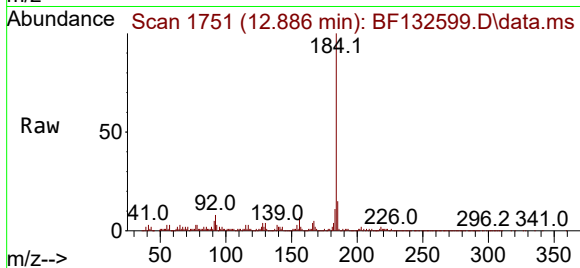
Tgt Ion:184 Resp: 250377

Ion Ratio Lower Upper

184 100

185 15.2 11.7 17.5

183 10.6 8.7 13.1



#78

Pyrene

Concen: 40.379 ng

RT: 13.004 min Scan# 1771

Delta R.T. 0.003 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

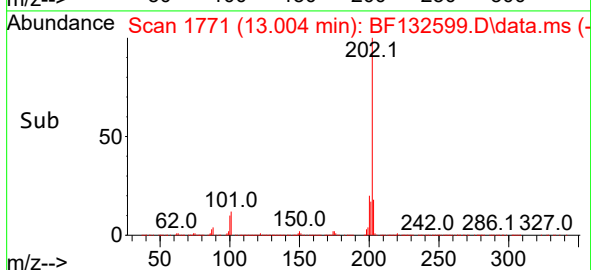
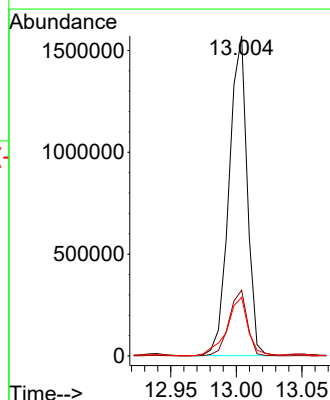
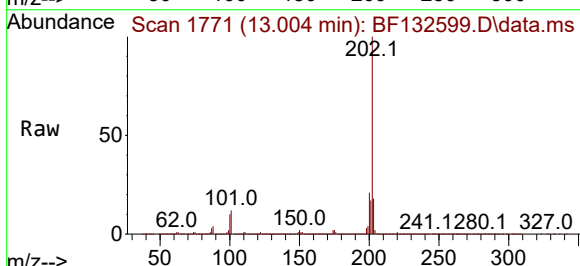
Tgt Ion:202 Resp: 1509781

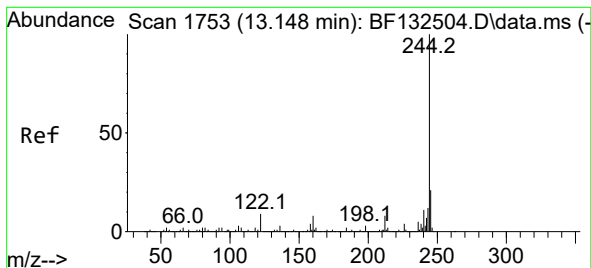
Ion Ratio Lower Upper

202 100

200 20.5 17.1 25.7

203 18.3 14.6 21.8





#79

Terphenyl-d14

Concen: 19.530 ng

RT: 13.133 min Scan# 1

Delta R.T. -0.009 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MS

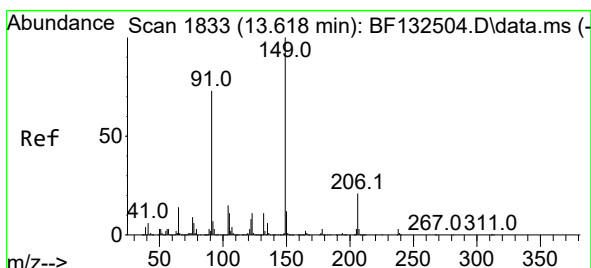
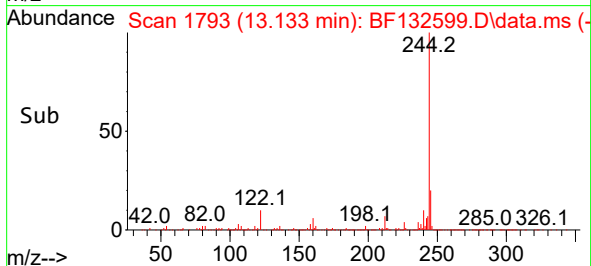
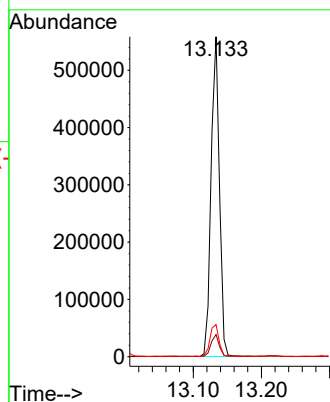
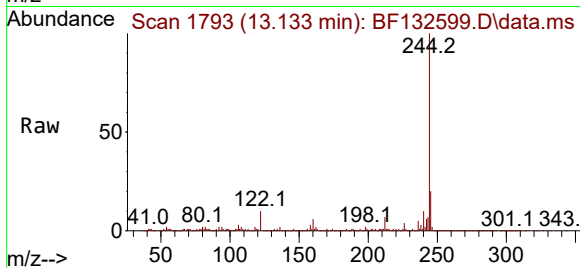
Tgt Ion:244 Resp: 475045

Ion Ratio Lower Upper

244 100

212 6.9 6.5 9.7

122 10.0 7.5 11.3



#80

Butylbenzylphthalate

Concen: 23.376 ng

RT: 13.610 min Scan# 1874

Delta R.T. -0.003 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

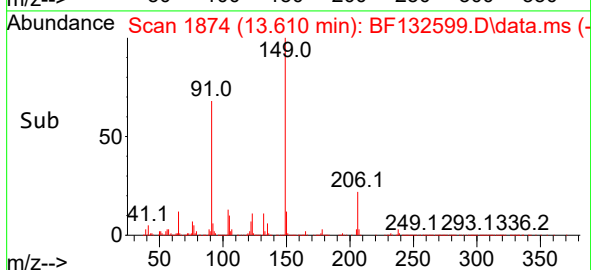
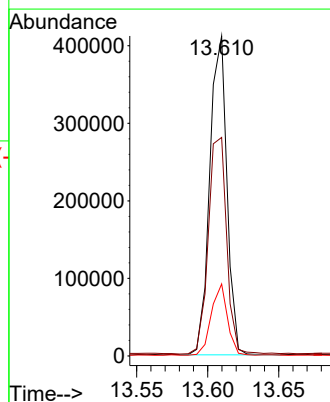
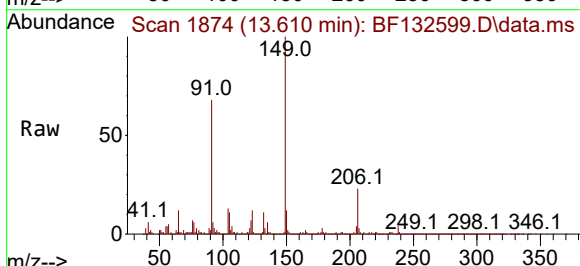
Tgt Ion:149 Resp: 344912

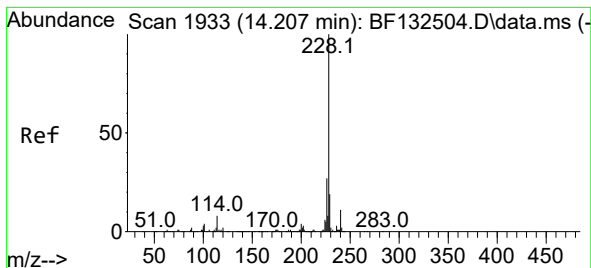
Ion Ratio Lower Upper

149 100

91 68.3 58.4 87.6

206 22.5 16.8 25.2





#81

Benzo(a)anthracene

Concen: 35.574 ng

RT: 14.198 min Scan# 1974

Delta R.T. 0.003 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MS

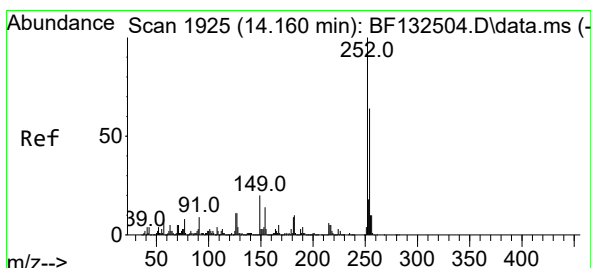
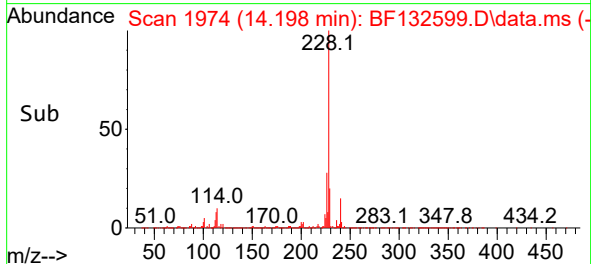
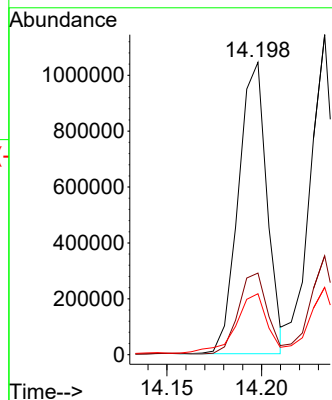
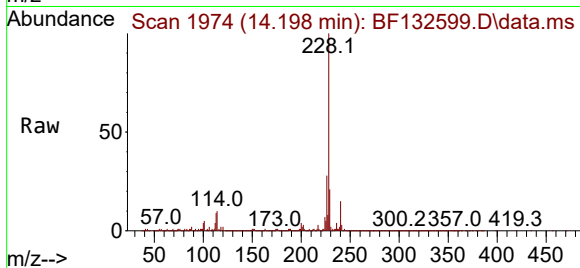
Tgt Ion:228 Resp: 1094656

Ion Ratio Lower Upper

228 100

226 27.9 21.7 32.5

229 20.8 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 16.676 ng

RT: 14.151 min Scan# 1966

Delta R.T. -0.003 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

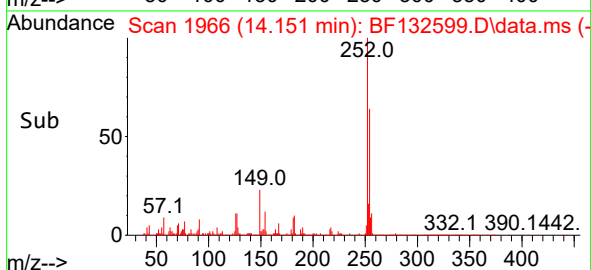
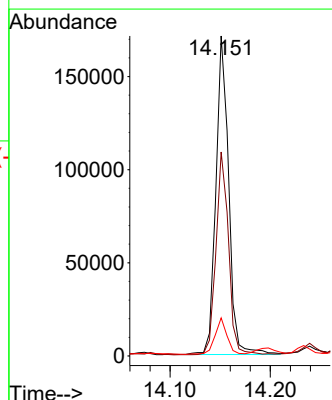
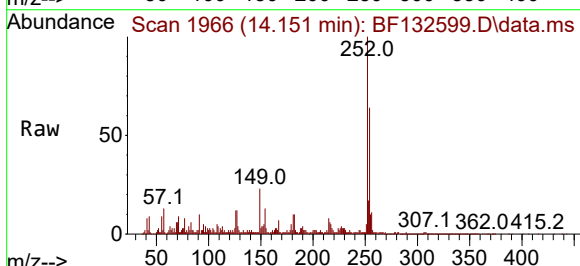
Tgt Ion:252 Resp: 151287

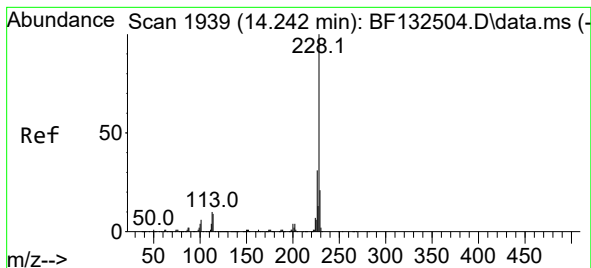
Ion Ratio Lower Upper

252 100

254 63.7 51.4 77.2

126 11.9 8.9 13.3





#83

Chrysene

Concen: 35.699 ng

RT: 14.233 min Scan# 1939

Delta R.T. -0.003 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MS

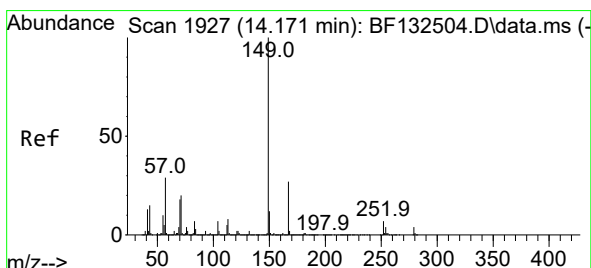
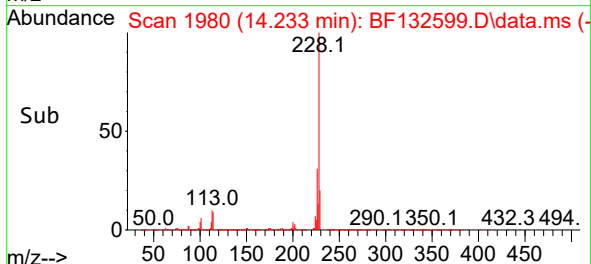
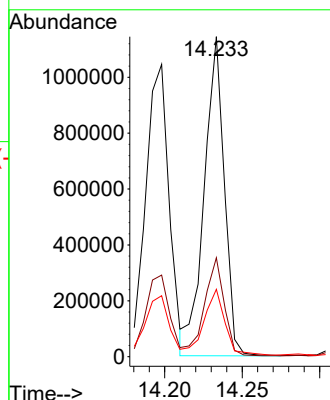
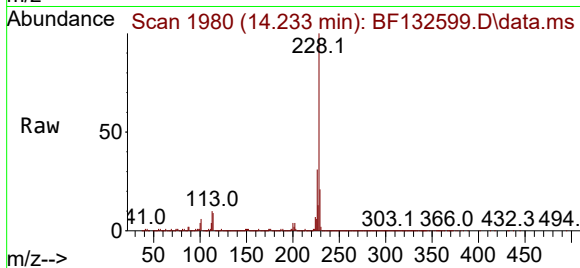
Tgt Ion:228 Resp: 1027221

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

229 21.1 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 26.732 ng

RT: 14.163 min Scan# 1968

Delta R.T. -0.003 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

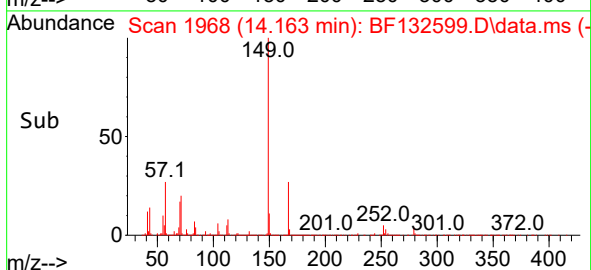
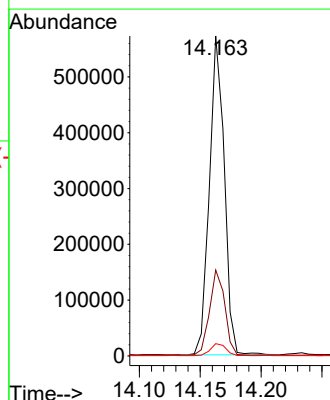
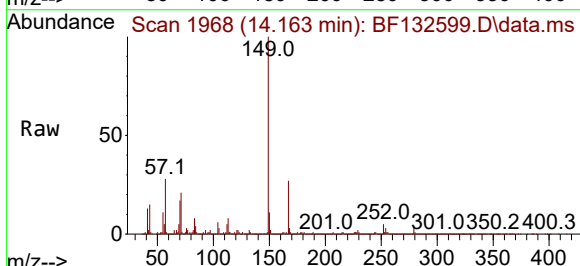
Tgt Ion:149 Resp: 484546

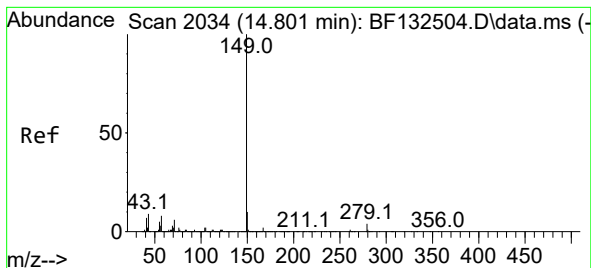
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.6

279 3.9 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 30.273 ng

RT: 14.792 min Scan# 2034

Delta R.T. 0.003 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MS

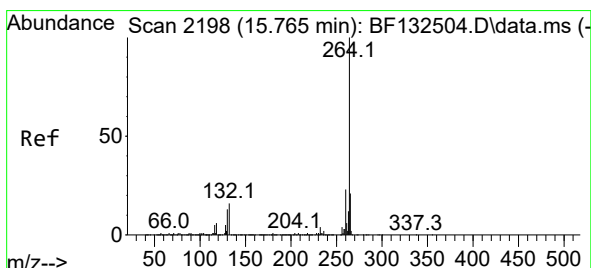
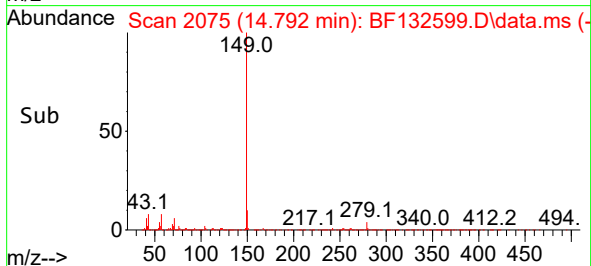
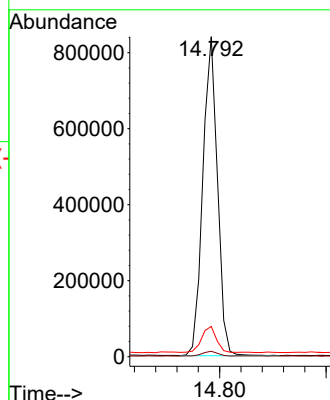
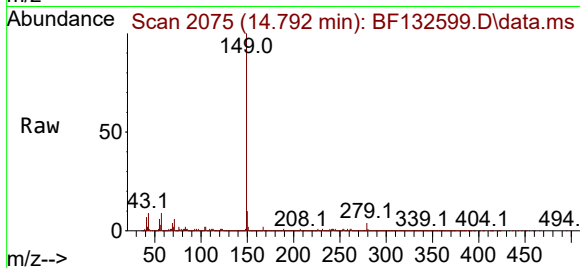
Tgt Ion:149 Resp: 801841

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.2 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.763 min Scan# 2240

Delta R.T. 0.009 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

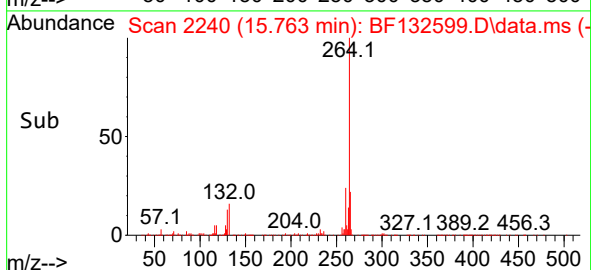
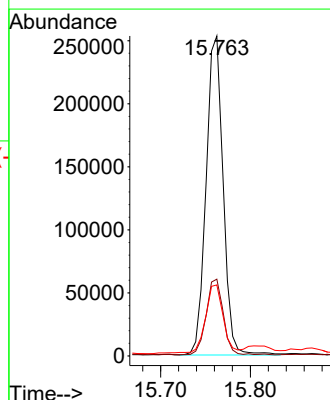
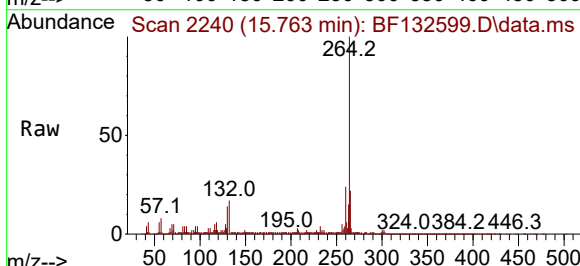
Tgt Ion:264 Resp: 333789

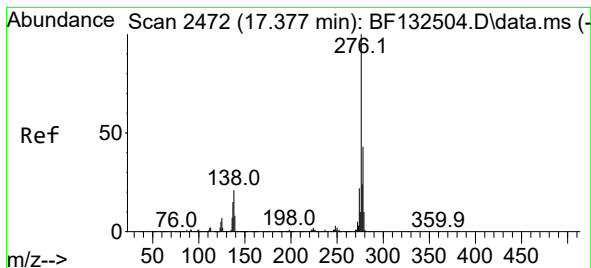
Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 22.2 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 26.984 ng

RT: 17.368 min Scan# 211

Delta R.T. 0.009 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MS

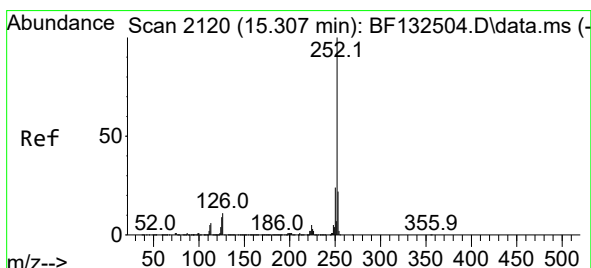
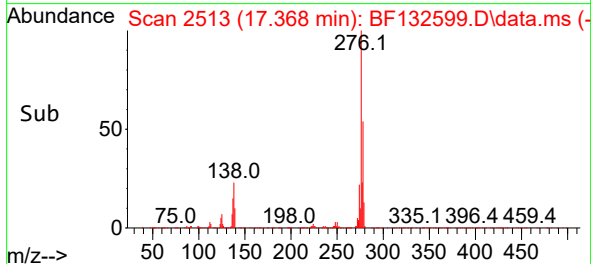
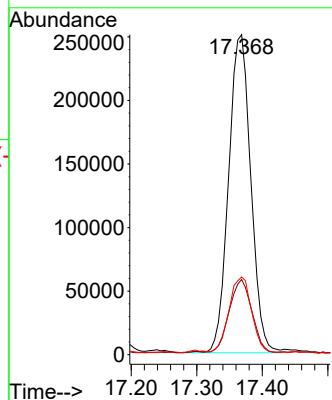
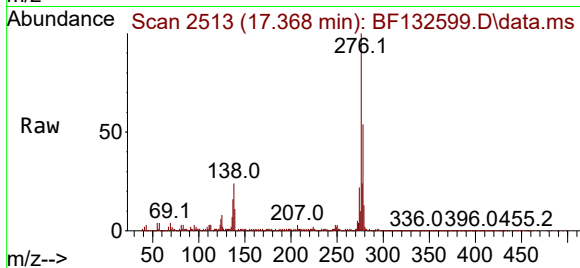
Tgt Ion:276 Resp: 590170

Ion Ratio Lower Upper

276 100

138 23.1 19.0 28.4

277 24.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 38.678 ng

RT: 15.298 min Scan# 2161

Delta R.T. 0.003 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

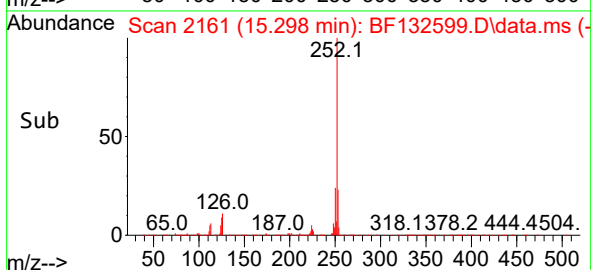
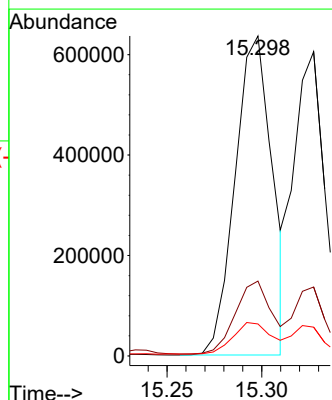
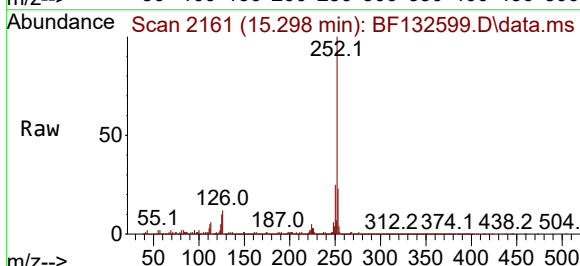
Tgt Ion:252 Resp: 865182

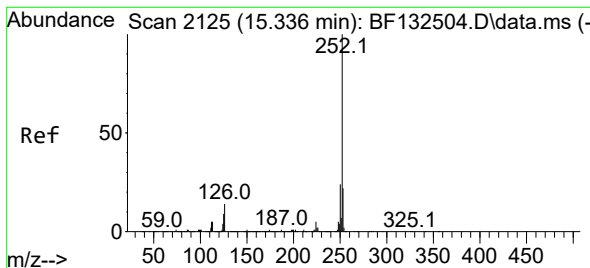
Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

125 10.0 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 31.091 ng

RT: 15.327 min Scan# 21

Delta R.T. 0.003 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MS

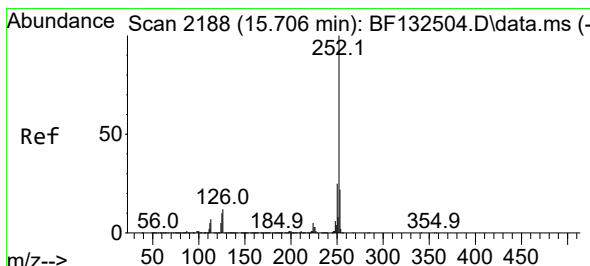
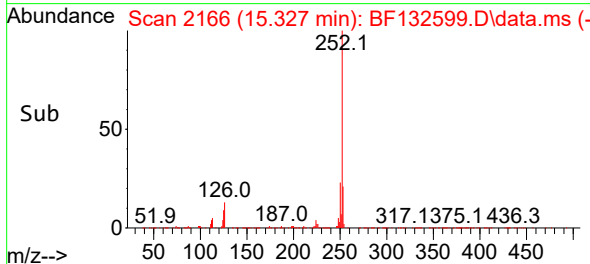
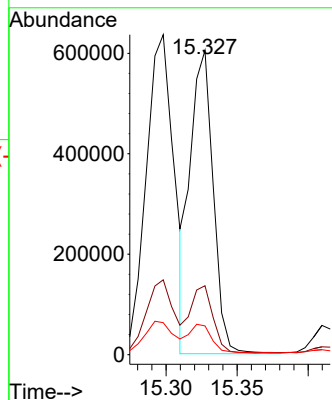
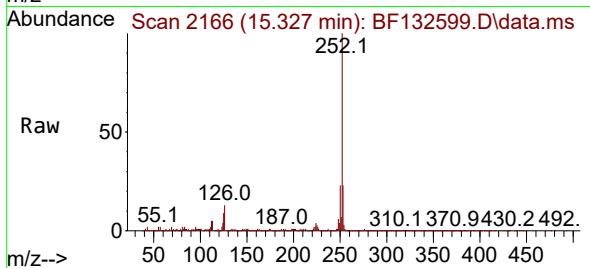
Tgt Ion:252 Resp: 680644

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

125 9.5 7.2 10.8



#90

Benzo(a)pyrene

Concen: 33.338 ng

RT: 15.692 min Scan# 2228

Delta R.T. 0.003 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

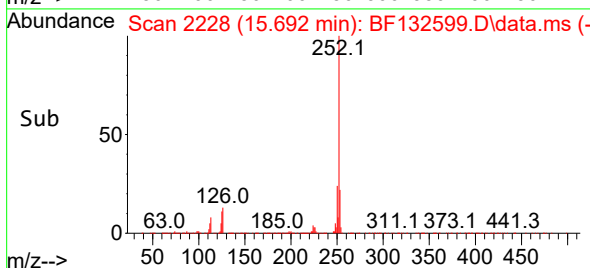
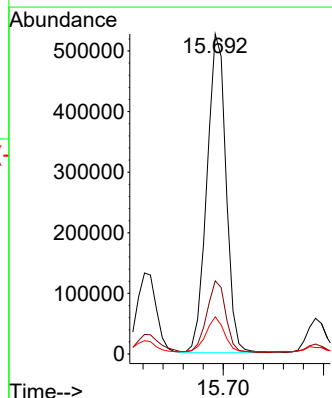
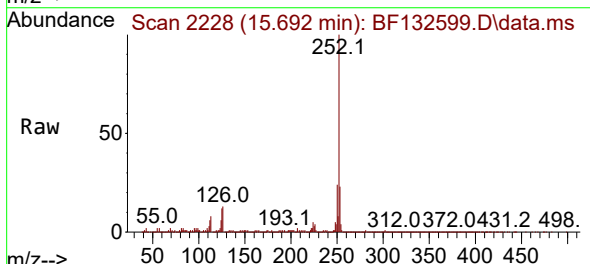
Tgt Ion:252 Resp: 697936

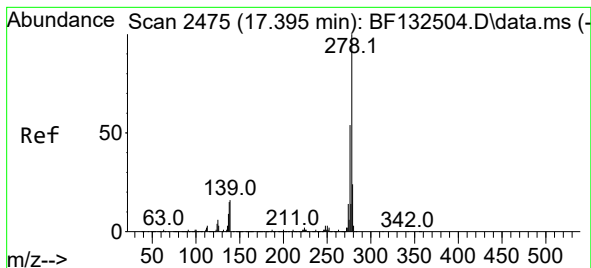
Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

125 11.6 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 22.886 ng

RT: 17.380 min Scan# 21

Delta R.T. 0.003 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

Instrument :

BNA_F

ClientSampleId :

HD-01-022723MS

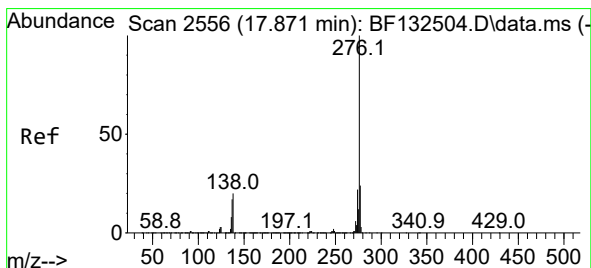
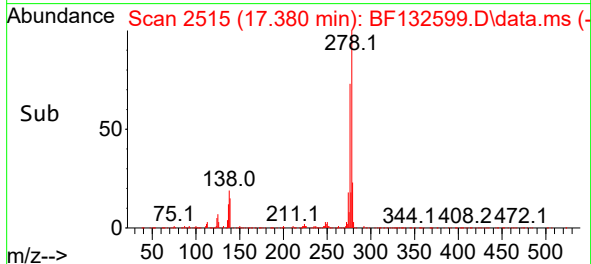
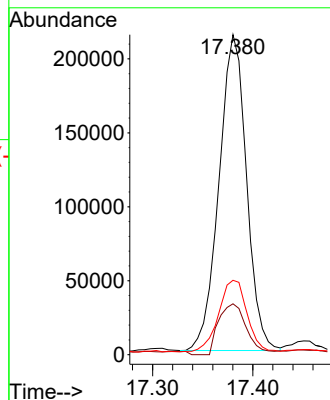
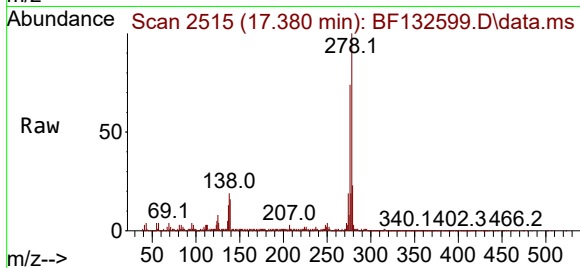
Tgt Ion:278 Resp: 407830

Ion Ratio Lower Upper

278 100

139 15.9 13.0 19.4

279 23.3 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 25.517 ng

RT: 17.851 min Scan# 2595

Delta R.T. -0.003 min

Lab File: BF132599.D

Acq: 01 Mar 2023 19:23

Tgt Ion:276 Resp: 498111

Ion Ratio Lower Upper

276 100

277 24.7 18.9 28.3

138 23.4 16.2 24.4

