

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042123\
 Data File : BF132976.D
 Acq On : 21 Apr 2023 18:59
 Operator : CG\JU
 Sample : PB152302BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152302BSD

Quant Time: Apr 22 04:29:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	209426	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	861238	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	438626	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	765694	20.000	ng	0.00
76) Chrysene-d12	13.910	240	487620	20.000	ng	0.00
86) Perylene-d12	15.327	264	454283	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1233305	88.959	ng	0.02
7) Phenol-d6	6.386	99	1511439	87.835	ng	0.00
23) Nitrobenzene-d5	7.322	82	1358252	85.126	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	392279	88.928	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	2193473	83.663	ng	0.00
79) Terphenyl-d14	12.863	244	2508280	88.716	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	249959	38.871	ng	99
3) Pyridine	3.269	79	649954	38.055	ng	99
4) n-Nitrosodimethylamine	3.234	42	390632	44.157	ng	99
6) Aniline	6.410	93	788398	35.573	ng	98
8) 2-Chlorophenol	6.534	128	670227	47.614	ng	98
9) Benzaldehyde	6.292	77	385976	55.284	ng	97
10) Phenol	6.398	94	856525	45.120	ng	96
11) bis(2-Chloroethyl)ether	6.486	93	665497	46.717	ng	99
12) 1,3-Dichlorobenzene	6.692	146	686205	45.852	ng	100
13) 1,4-Dichlorobenzene	6.769	146	695291	46.357	ng	99
14) 1,2-Dichlorobenzene	6.922	146	663739	48.000	ng	98
15) Benzyl Alcohol	6.898	79	561673	47.253	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.034	45	1134437	45.850	ng	99
17) 2-Methylphenol	7.010	107	555427	43.092	ng	99
18) Hexachloroethane	7.263	117	246679	47.306	ng	94
19) n-Nitroso-di-n-propyla...	7.175	70	469415	43.818	ng	99
20) 3+4-Methylphenols	7.169	107	640667	42.207	ng	94
22) Acetophenone	7.163	105	875801	43.899	ng	# 94
24) Nitrobenzene	7.339	77	690717	42.720	ng	98
25) Isophorone	7.581	82	1302077	42.981	ng	99
26) 2-Nitrophenol	7.651	139	366681	47.020	ng	99
27) 2,4-Dimethylphenol	7.698	122	606792	45.377	ng	98
28) bis(2-Chloroethoxy)met...	7.792	93	769440	42.933	ng	100
29) 2,4-Dichlorophenol	7.898	162	534765	43.929	ng	97
30) 1,2,4-Trichlorobenzene	7.981	180	563928	44.716	ng	99
31) Naphthalene	8.063	128	1817805	42.216	ng	100
32) Benzoic acid	7.833	122	426577	51.644	ng	98
33) 4-Chloroaniline	8.104	127	174034	10.003	ng	98
34) Hexachlorobutadiene	8.181	225	304403	43.549	ng	98
35) Caprolactam	8.492	113	127602	31.203	ng	93
36) 4-Chloro-3-methylphenol	8.592	107	582688	44.387	ng	97
37) 2-Methylnaphthalene	8.751	142	1191673	40.480	ng	100
38) 1-Methylnaphthalene	8.851	142	1133326	41.153	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	486474	41.250	ng	99
41) Hexachlorocyclopentadiene	8.910	237	628989	91.450	ng	99
43) 2,4,6-Trichlorophenol	9.027	196	364864	44.736	ng	98

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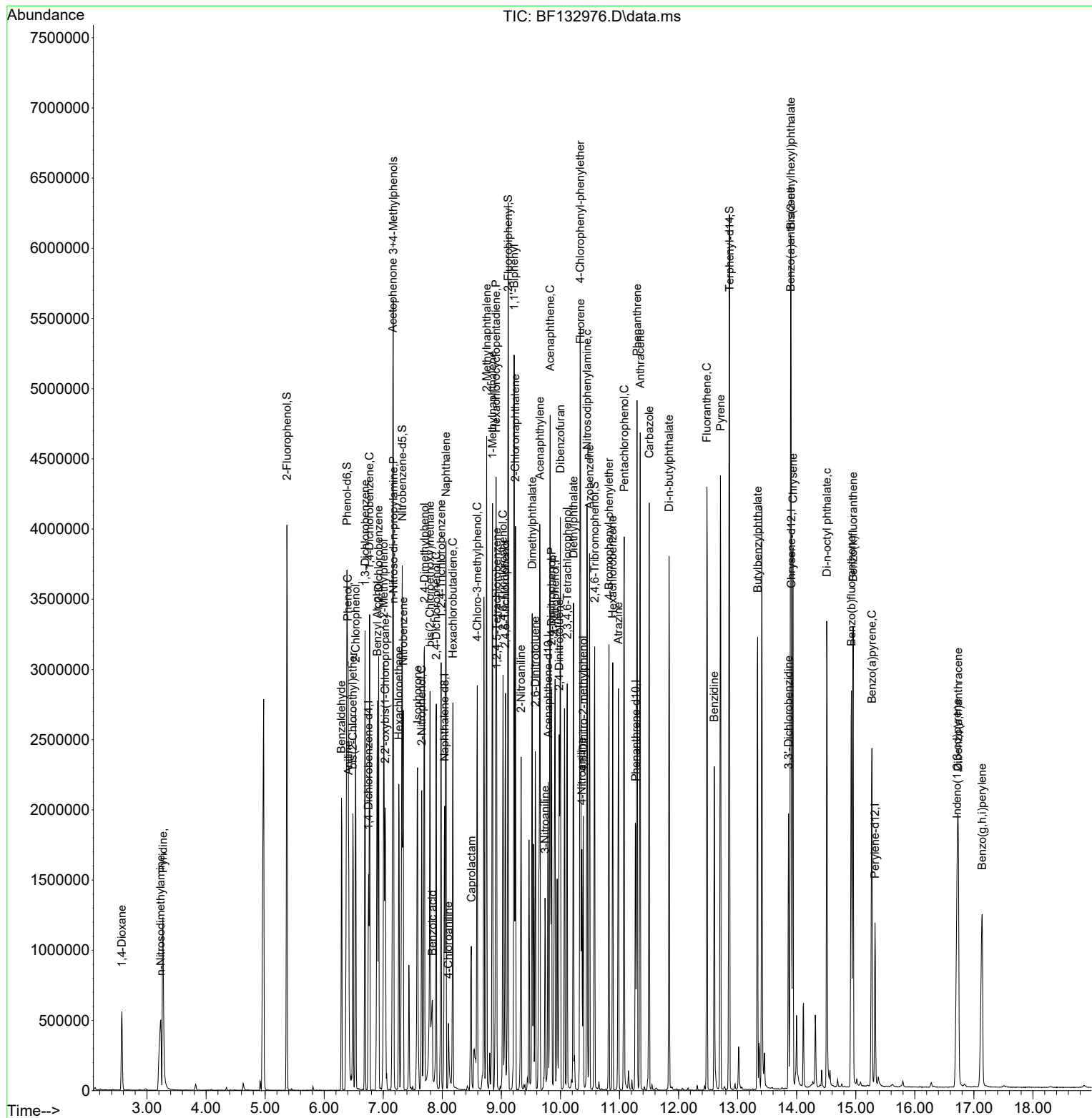
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	382948	40.598	ng	99
46) 1,1'-Biphenyl	9.216	154	1442867	41.484	ng	100
47) 2-Chloronaphthalene	9.239	162	1089884	42.812	ng	100
48) 2-Nitroaniline	9.333	65	364680	43.344	ng	94
49) Acenaphthylene	9.651	152	1719507	42.272	ng	99
50) Dimethylphthalate	9.522	163	1298202	42.446	ng	99
51) 2,6-Dinitrotoluene	9.575	165	308469	44.811	ng	97
52) Acenaphthene	9.827	154	1272770	46.718	ng	100
53) 3-Nitroaniline	9.739	138	227895	27.843	ng	97
54) 2,4-Dinitrophenol	9.851	184	361078	104.354	ng	97
55) Dibenzofuran	9.998	168	1532370	41.234	ng	97
56) 4-Nitrophenol	9.910	139	566924	89.429	ng	90
57) 2,4-Dinitrotoluene	9.980	165	405799	46.225	ng	97
58) Fluorene	10.339	166	1099158	40.370	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	324015	44.308	ng	99
60) Diethylphthalate	10.222	149	1241623	42.979	ng	99
61) 4-Chlorophenyl-phenyle...	10.333	204	534831	40.309	ng	100
62) 4-Nitroaniline	10.363	138	333502	44.332	ng	97
63) Azobenzene	10.492	77	1284868	41.985	ng	99
65) 4,6-Dinitro-2-methylph...	10.386	198	237937	51.268	ng	79
66) n-Nitrosodiphenylamine	10.451	169	1058042	42.599	ng	99
67) 4-Bromophenyl-phenylether	10.822	248	361384	43.517	ng	99
68) Hexachlorobenzene	10.886	284	389192	45.737	ng	100
69) Atrazine	10.980	200	367835	51.397	ng	99
70) Pentachlorophenol	11.080	266	491854	81.159	ng	98
71) Phenanthrene	11.298	178	1714419	41.659	ng	99
72) Anthracene	11.351	178	1780121	42.267	ng	99
73) Carbazole	11.504	167	1621720	43.244	ng	99
74) Di-n-butylphthalate	11.839	149	1945112	45.833	ng	100
75) Fluoranthene	12.480	202	1779426	43.083	ng	100
77) Benzidine	12.604	184	863641	104.736	ng	95
78) Pyrene	12.710	202	1838298	43.978	ng	98
80) Butylbenzylphthalate	13.339	149	740686	50.045	ng	99
81) Benzo(a)anthracene	13.898	228	1468742	43.801	ng	99
82) 3,3'-Dichlorobenzidine	13.862	252	372242	40.185	ng	99
83) Chrysene	13.939	228	1443879	43.070	ng	100
84) Bis(2-ethylhexyl)phtha...	13.904	149	902289	48.570	ng	100
85) Di-n-octyl phthalate	14.509	149	1729740	57.104	ng	99
87) Indeno(1,2,3-cd)pyrene	16.715	276	1234735	47.783	ng	100
88) Benzo(b)fluoranthene	14.927	252	1374255	47.550	ng	100
89) Benzo(k)fluoranthene	14.957	252	1278060	44.611	ng	99
90) Benzo(a)pyrene	15.274	252	1116313	42.436	ng	99
91) Dibenzo(a,h)anthracene	16.733	278	1030222	47.801	ng	99
92) Benzo(g,h,i)perylene	17.139	276	1009300	47.435	ng	99

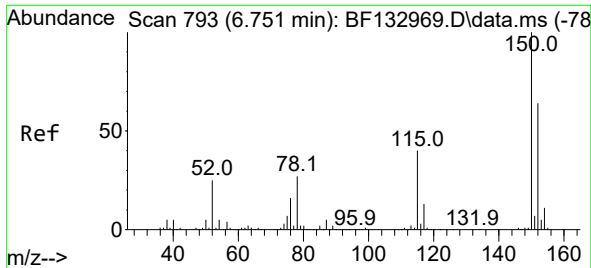
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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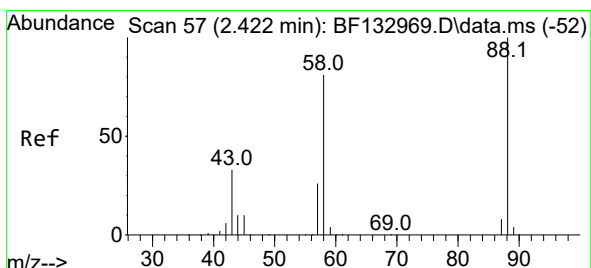
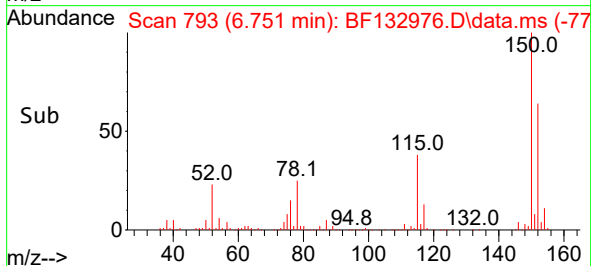
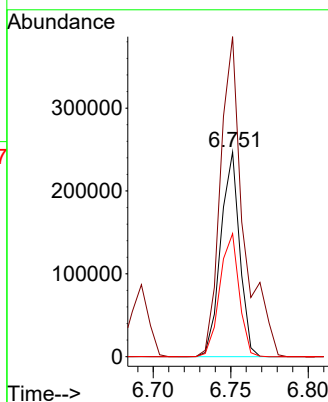
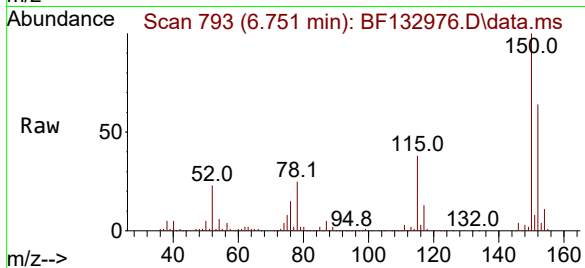




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.751 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF132976.D
 Acq: 21 Apr 2023 18:59

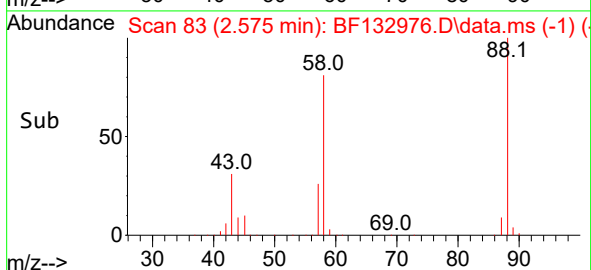
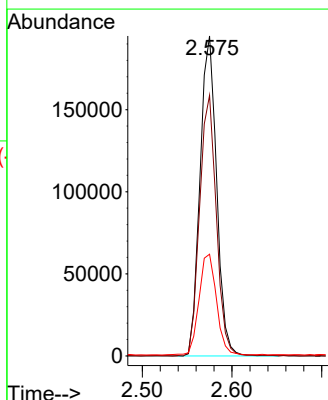
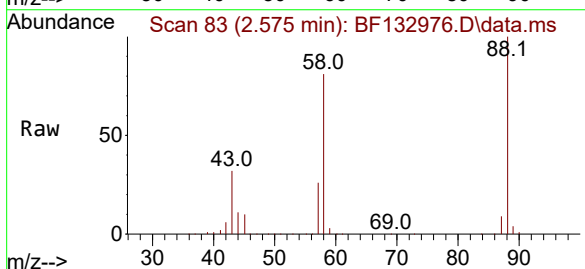
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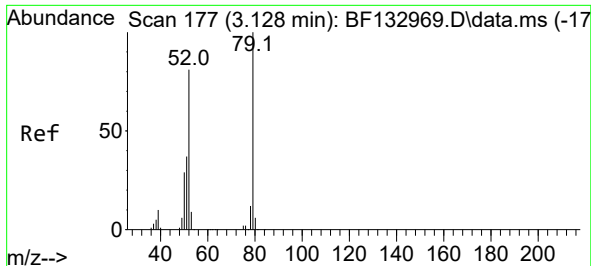
Tgt Ion:152 Resp: 209426
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.8 187.2
 115 60.1 49.9 74.9



#2
 1,4-Dioxane
 Concen: 38.871 ng
 RT: 2.575 min Scan# 83
 Delta R.T. 0.153 min
 Lab File: BF132976.D
 Acq: 21 Apr 2023 18:59

Tgt Ion: 88 Resp: 249959
 Ion Ratio Lower Upper
 88 100
 58 82.1 64.7 97.1
 43 33.4 26.2 39.2





#3

Pyridine

Concen: 38.055 ng

RT: 3.269 min Scan# 20

Delta R.T. 0.141 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB152302BSD

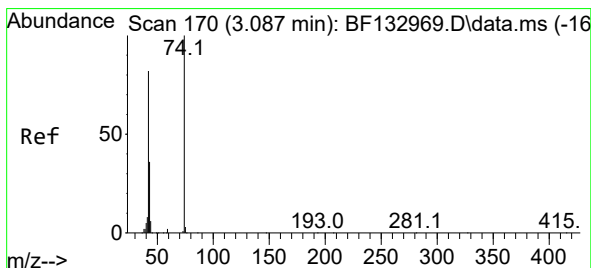
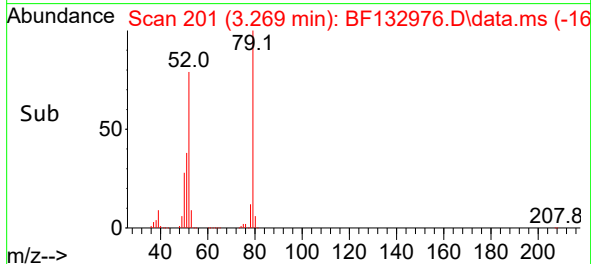
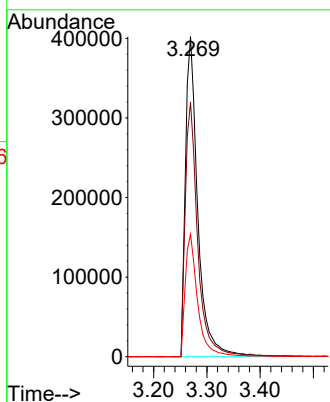
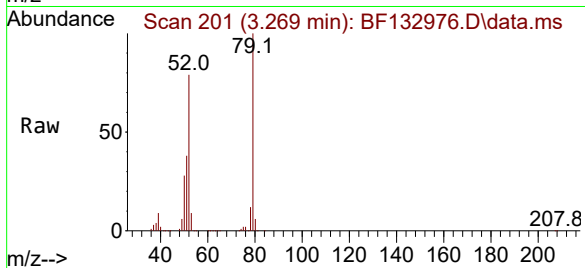
Tgt Ion: 79 Resp: 649954

Ion Ratio Lower Upper

79 100

52 79.5 64.6 96.8

51 38.3 30.0 45.0



#4

n-Nitrosodimethylamine

Concen: 44.157 ng

RT: 3.234 min Scan# 195

Delta R.T. 0.147 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

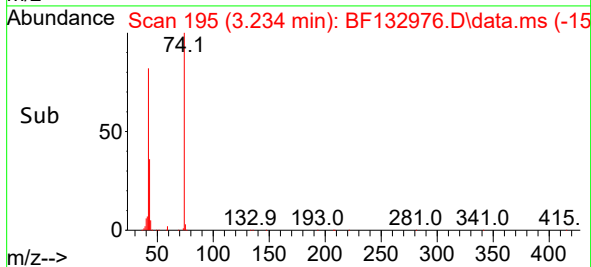
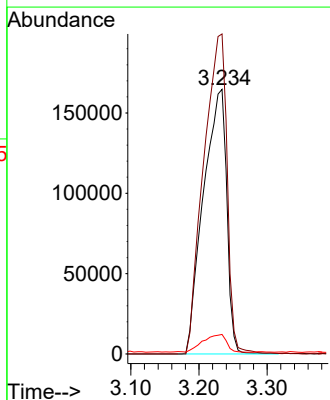
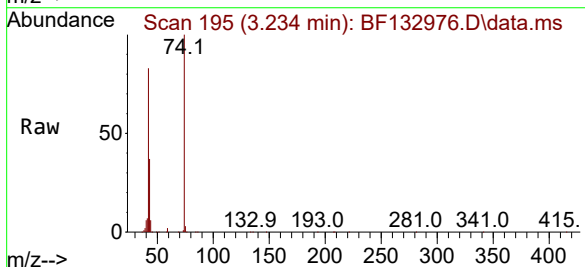
Tgt Ion: 42 Resp: 390632

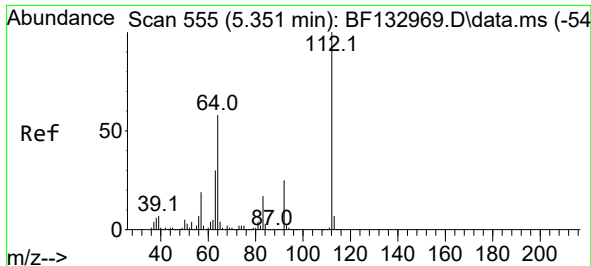
Ion Ratio Lower Upper

42 100

74 120.9 98.0 147.0

44 7.4 5.8 8.8

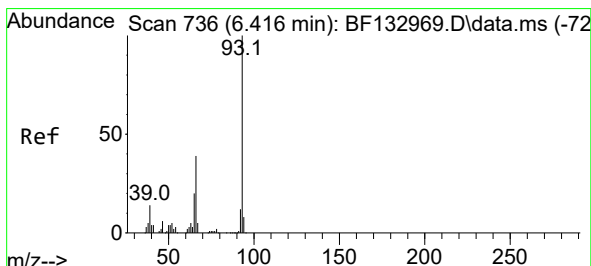
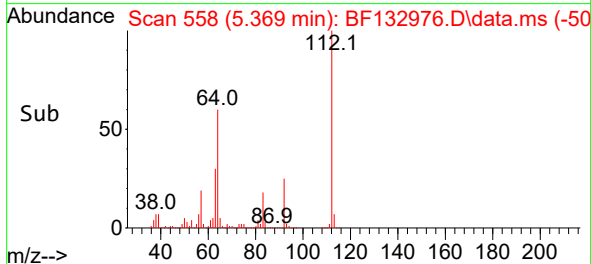
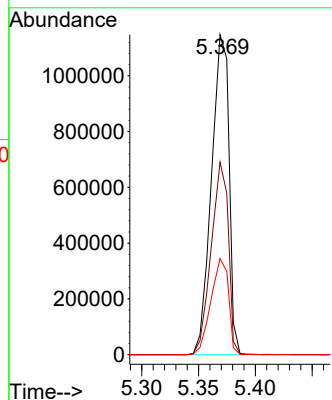
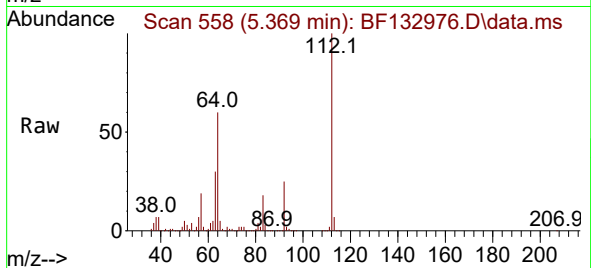




#5
2-Fluorophenol
Concen: 88.959 ng
RT: 5.369 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

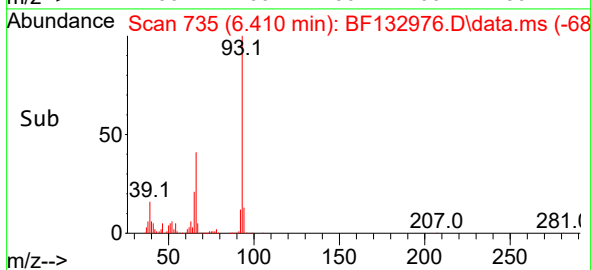
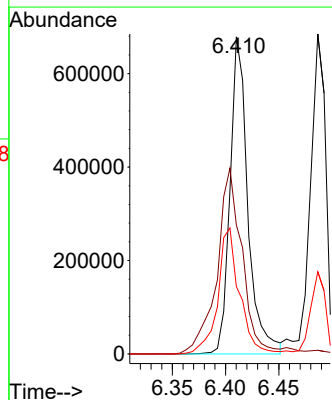
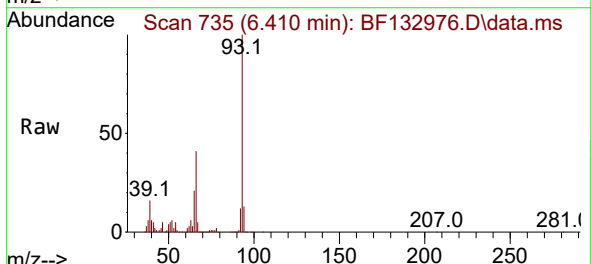
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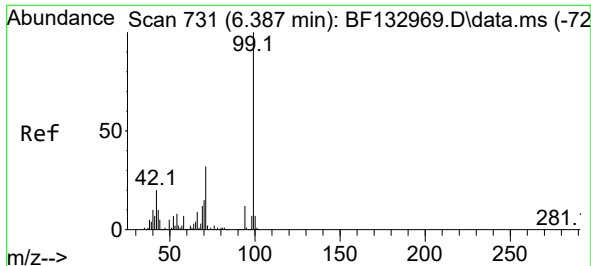
Tgt Ion:112 Resp: 1233305
Ion Ratio Lower Upper
112 100
64 60.2 46.8 70.2
63 30.1 23.8 35.8



#6
Aniline
Concen: 35.573 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

Tgt Ion: 93 Resp: 788398
Ion Ratio Lower Upper
93 100
66 40.7 31.5 47.3
65 21.2 16.4 24.6

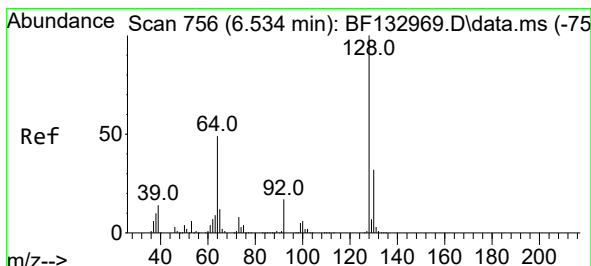
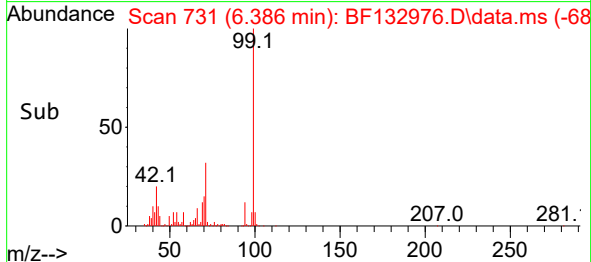
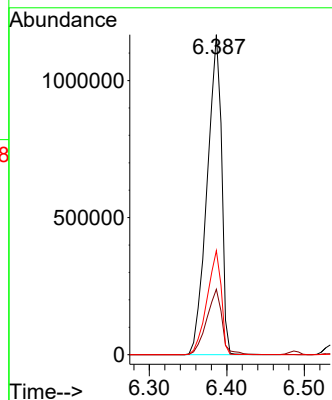
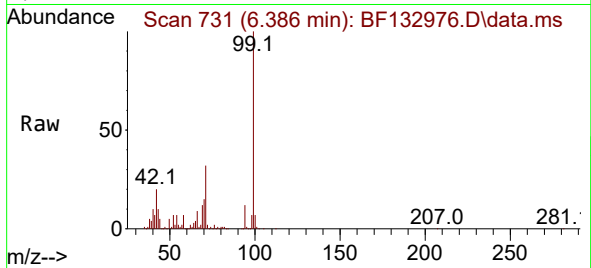




#7
Phenol-d6
Concen: 87.835 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

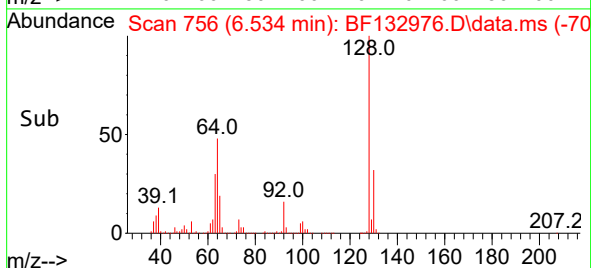
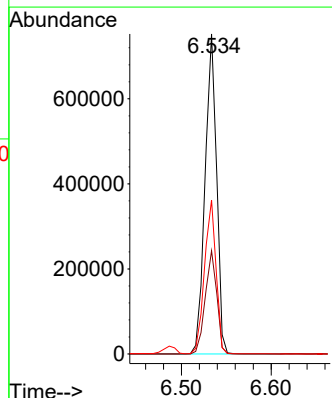
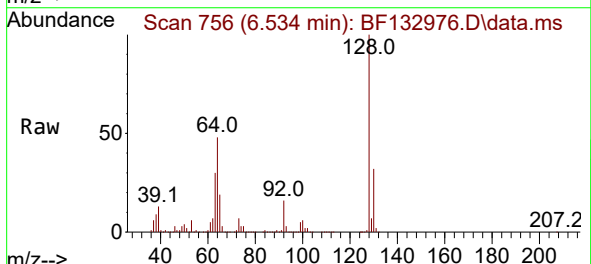
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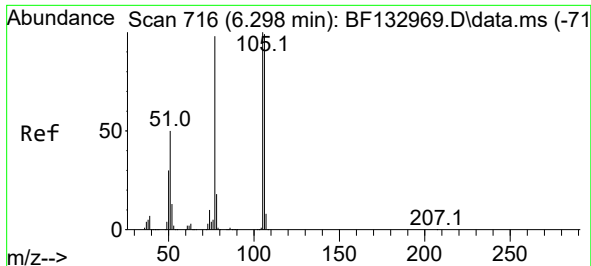
Tgt Ion: 99 Resp: 1511439
Ion Ratio Lower Upper
99 100
42 20.4 16.3 24.5
71 32.5 25.6 38.4



#8
2-Chlorophenol
Concen: 47.614 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

Tgt Ion:128 Resp: 670227
Ion Ratio Lower Upper
128 100
130 32.3 12.2 52.2
64 48.1 30.3 70.3

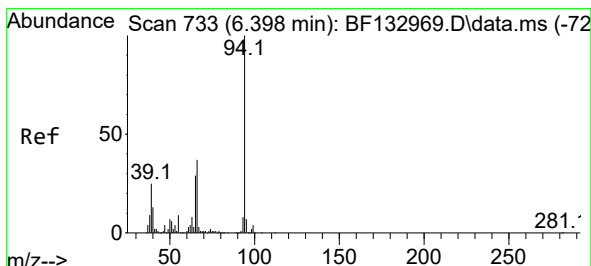
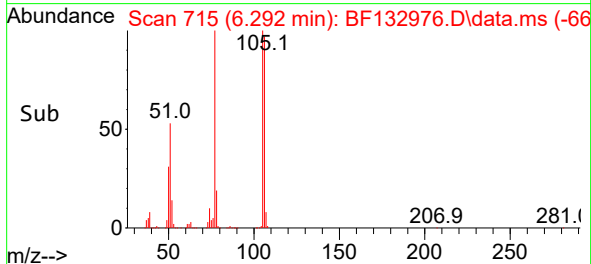
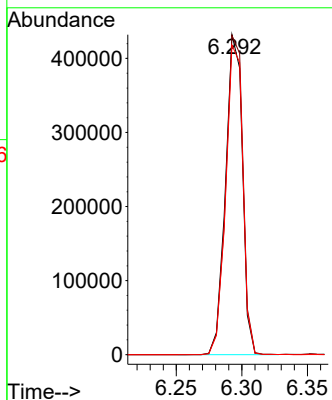
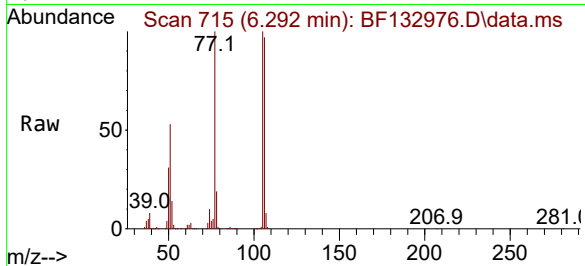




#9
Benzaldehyde
Concen: 55.284 ng
RT: 6.292 min Scan# 715
Delta R.T. -0.006 min
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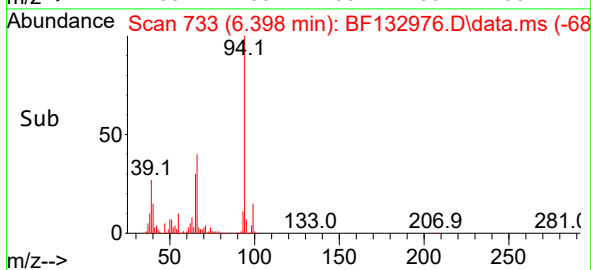
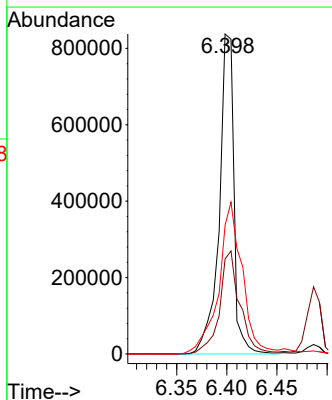
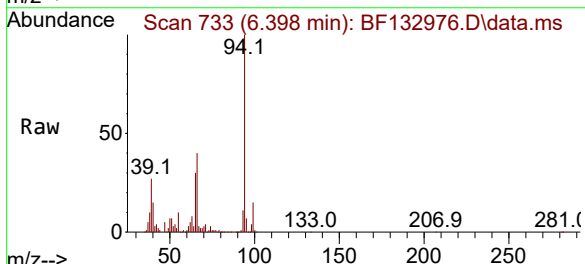
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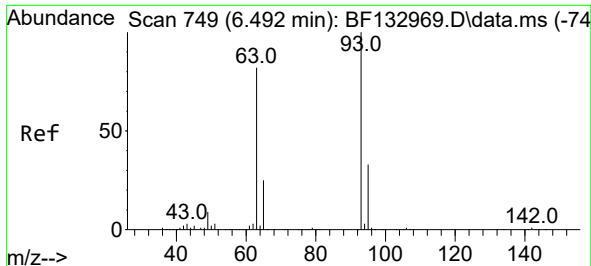
Tgt Ion: 77 Resp: 385976
Ion Ratio Lower Upper
77 100
105 99.7 82.3 122.3
106 96.8 80.8 120.8



#10
Phenol
Concen: 45.120 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

Tgt Ion: 94 Resp: 856525
Ion Ratio Lower Upper
94 100
65 29.7 8.6 48.6
66 40.2 17.3 57.3

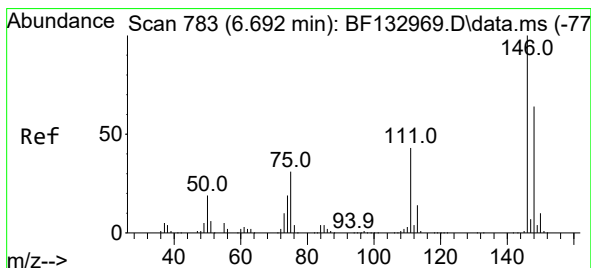
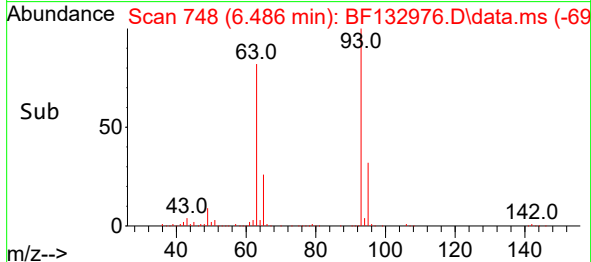
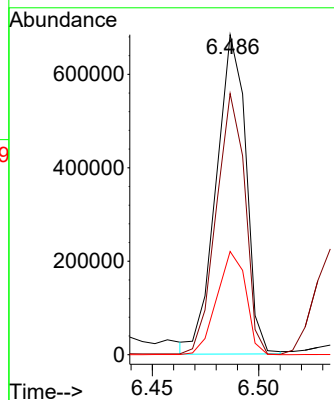
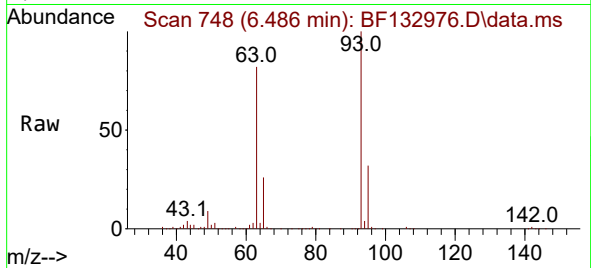




#11
bis(2-Chloroethyl)ether
Concen: 46.717 ng
RT: 6.486 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

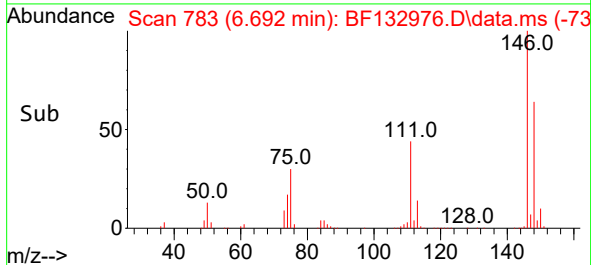
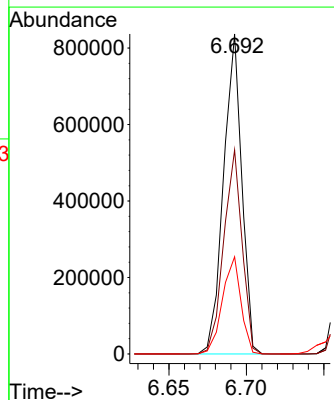
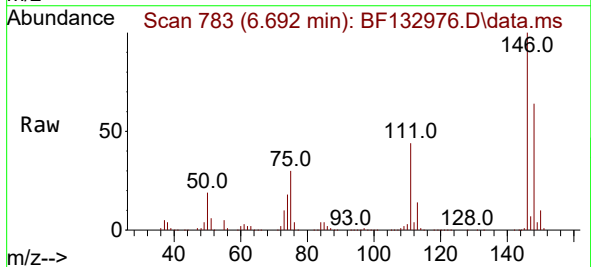
Instrument :
BNA_F
ClientSampleId :
PB152302BSD

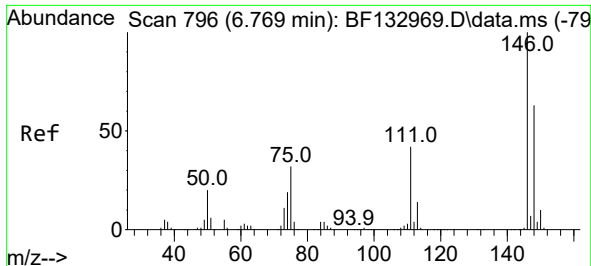
Tgt Ion: 93 Resp: 665497
Ion Ratio Lower Upper
93 100
63 81.6 60.6 100.6
95 32.2 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 45.852 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

Tgt Ion: 146 Resp: 686205
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 30.4 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 46.357 ng

RT: 6.769 min Scan# 796

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB152302BSD

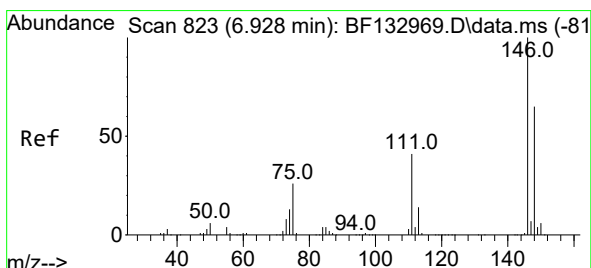
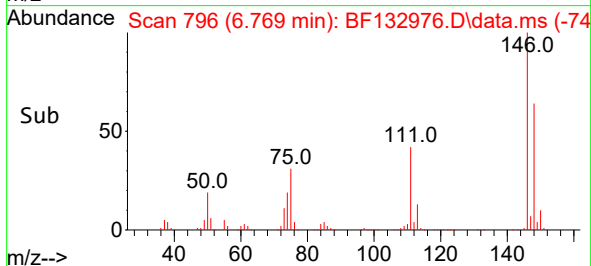
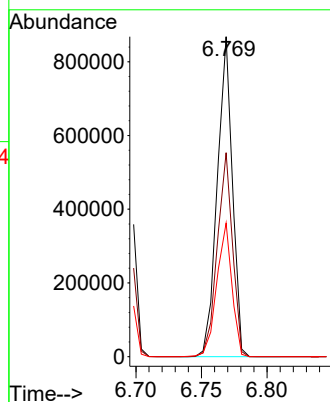
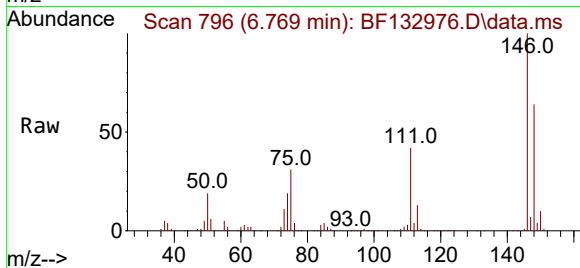
Tgt Ion:146 Resp: 695291

Ion Ratio Lower Upper

146 100

148 63.7 50.3 75.5

111 41.8 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 48.000 ng

RT: 6.922 min Scan# 822

Delta R.T. -0.006 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

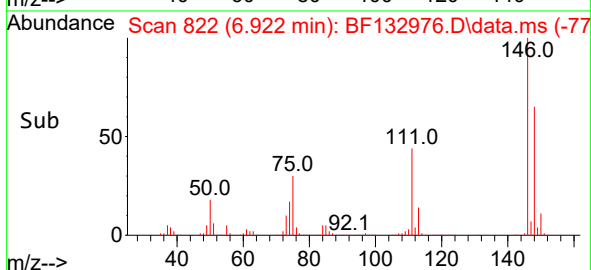
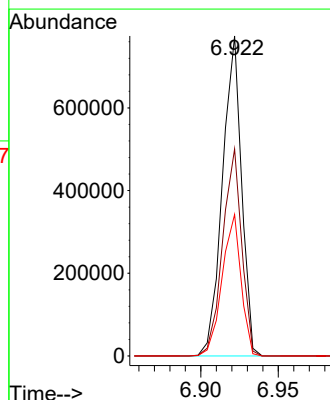
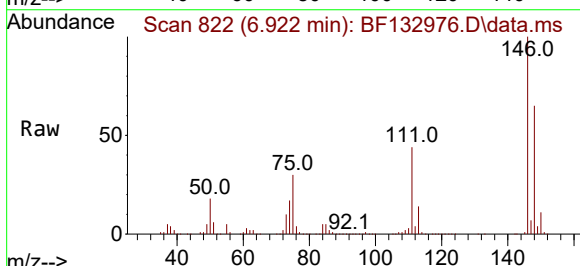
Tgt Ion:146 Resp: 663739

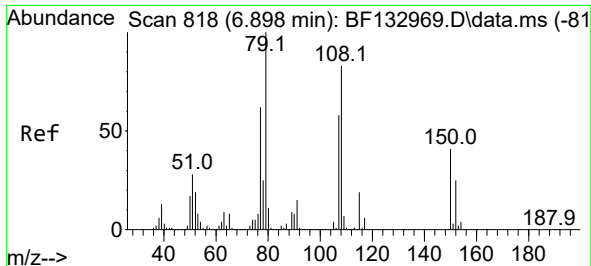
Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.2

111 44.2 32.8 49.2

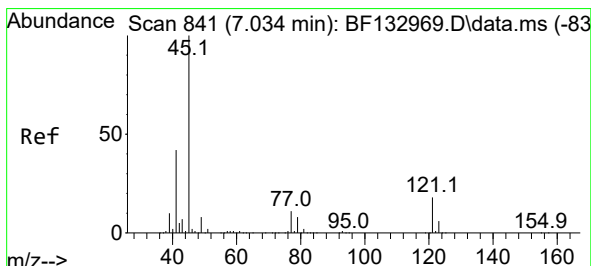
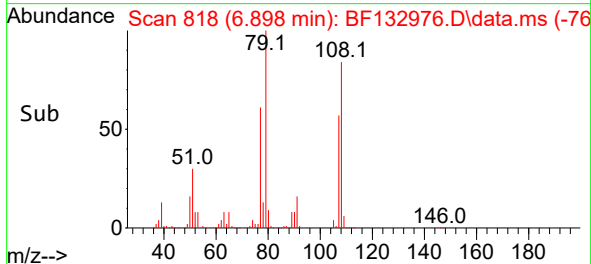
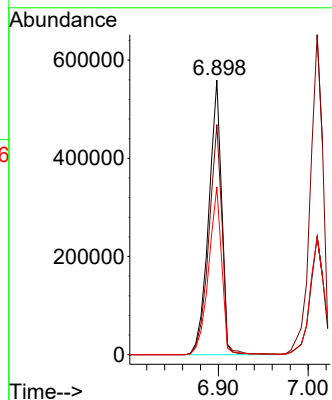
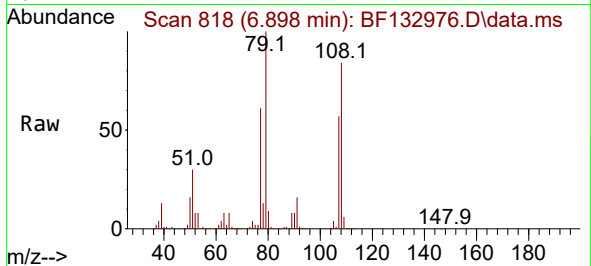




#15
Benzyl Alcohol
Concen: 47.253 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

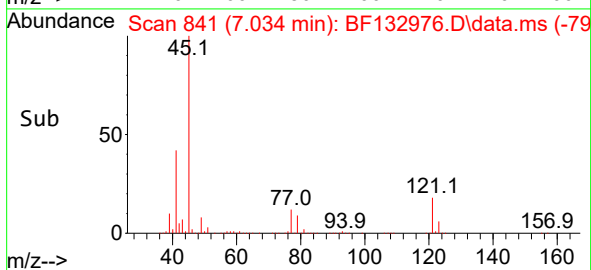
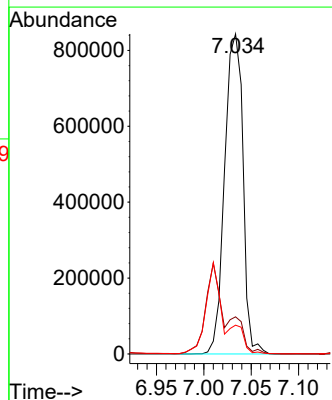
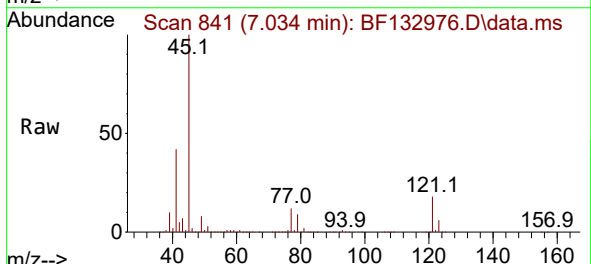
Instrument :
BNA_F
ClientSampleId :
PB152302BSD

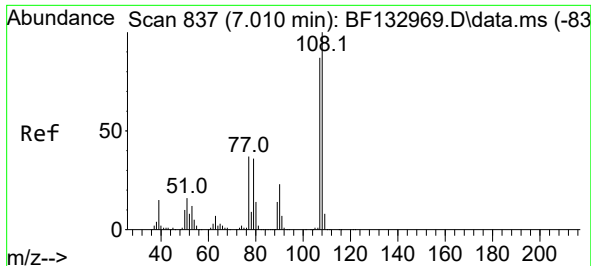
Tgt Ion: 79 Resp: 561673
Ion Ratio Lower Upper
79 100
108 83.8 66.6 99.8
77 61.1 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.850 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

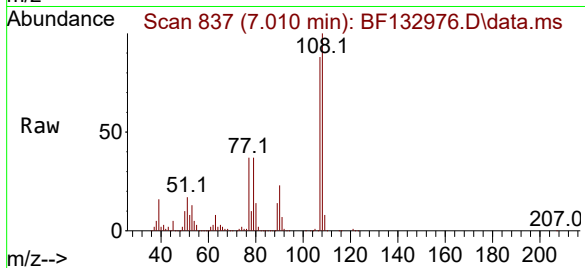
Tgt Ion: 45 Resp: 1134437
Ion Ratio Lower Upper
45 100
77 11.6 0.0 31.5
79 9.0 0.0 28.7



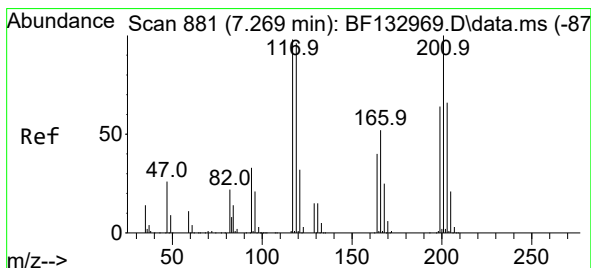
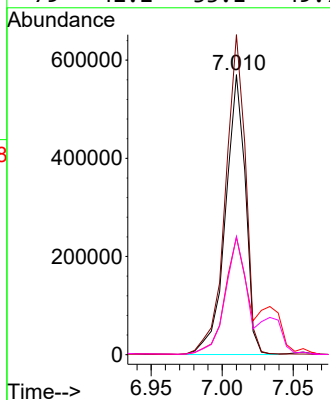
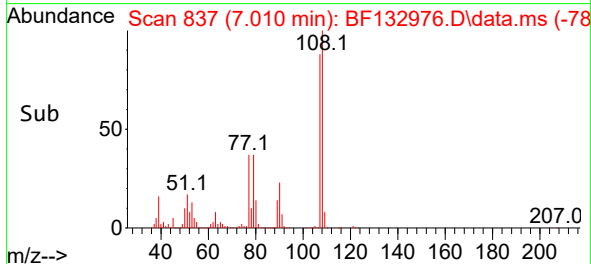


#17
2-Methylphenol
Concen: 43.092 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

Instrument :
BNA_F
ClientSampleId :
PB152302BSD

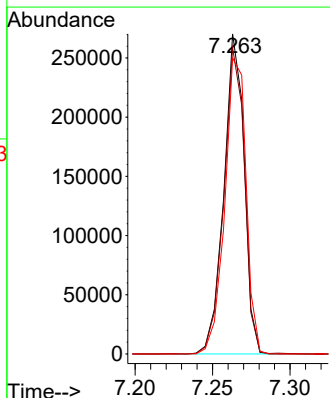
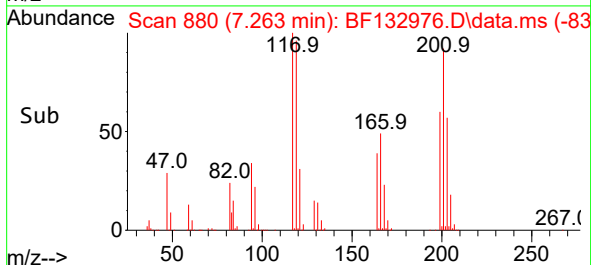
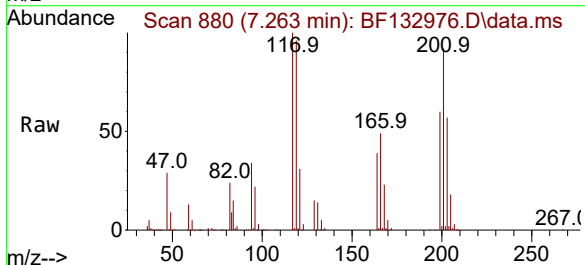


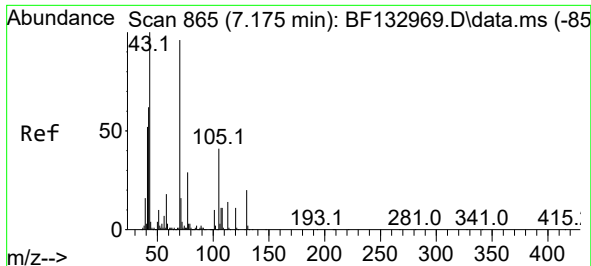
Tgt Ion:	107	Resp:	555427
Ion	Ratio	Lower	Upper
107	100		
108	114.3	92.4	138.6
77	41.9	33.8	50.8
79	42.2	33.1	49.7



#18
Hexachloroethane
Concen: 47.306 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

Tgt Ion:	117	Resp:	246679
Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.2	117.4
201	92.4	81.7	122.5

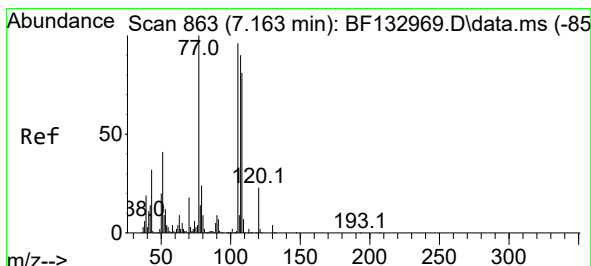
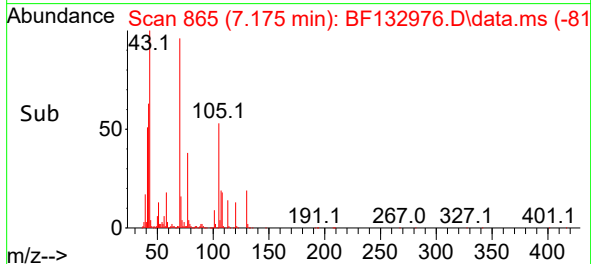
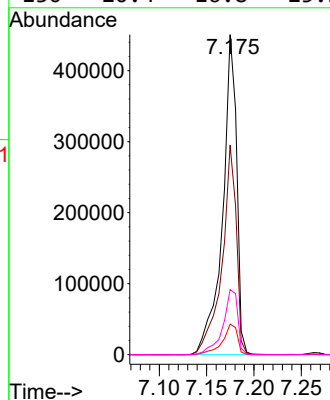
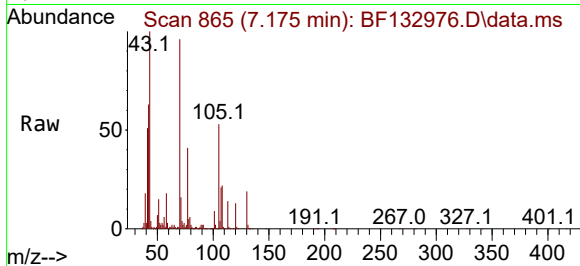




#19
n-Nitroso-di-n-propylamine
Concen: 43.818 ng
RT: 7.175 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

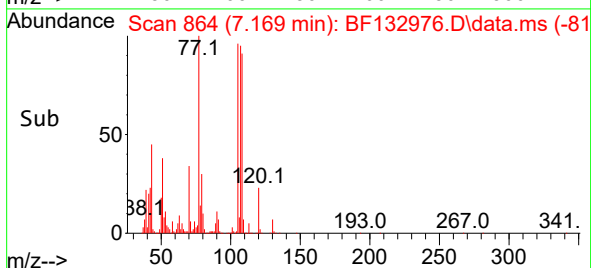
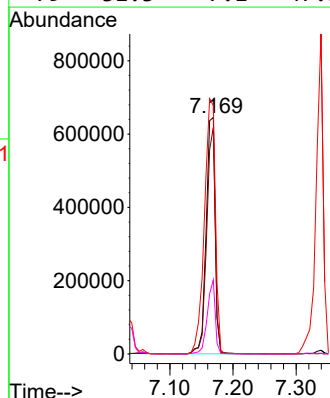
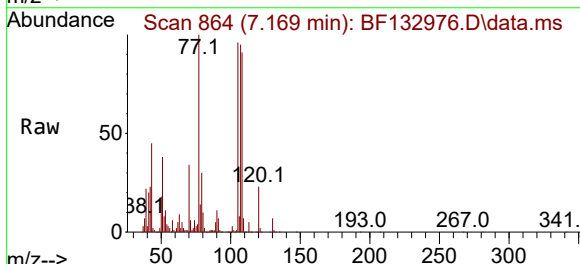
Instrument :
BNA_F
ClientSampleId :
PB152302BSD

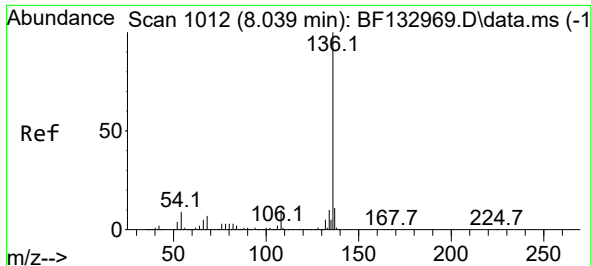
Tgt Ion: 70 Resp: 469415
Ion Ratio Lower Upper
70 100
42 65.5 51.8 77.6
101 9.6 8.0 12.0
130 20.4 16.8 25.2



#20
3+4-Methylphenols
Concen: 42.207 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.006 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

Tgt Ion: 107 Resp: 640667
Ion Ratio Lower Upper
107 100
108 95.7 70.5 110.5
77 105.1 91.7 131.7
79 31.3 7.1 47.1

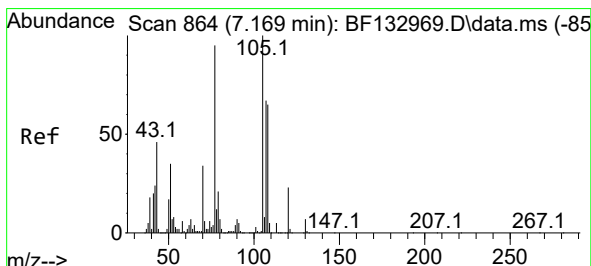
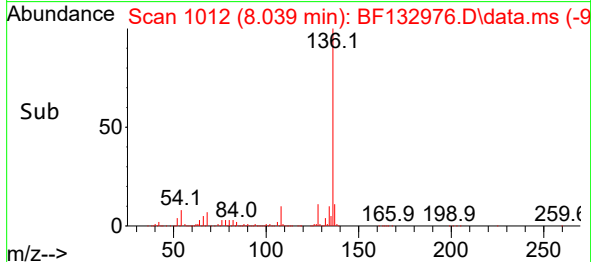
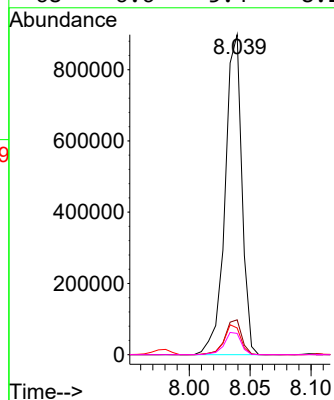
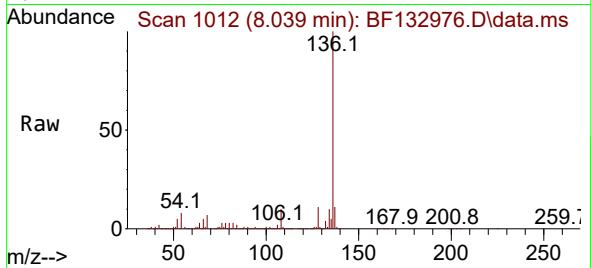




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

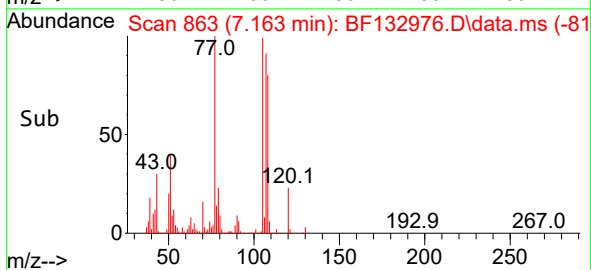
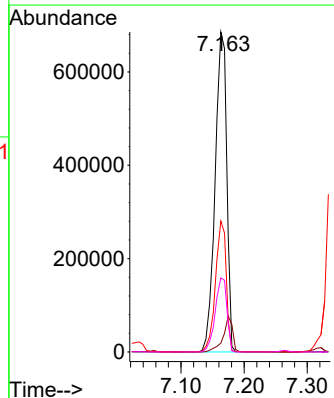
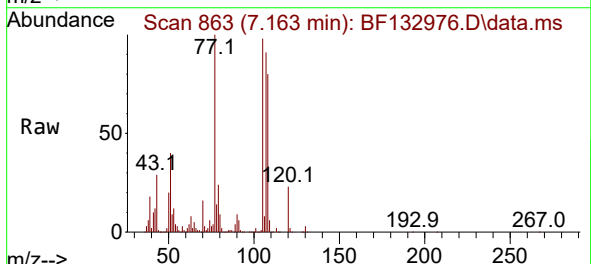
Instrument :
BNA_F
ClientSampleId :
PB152302BSD

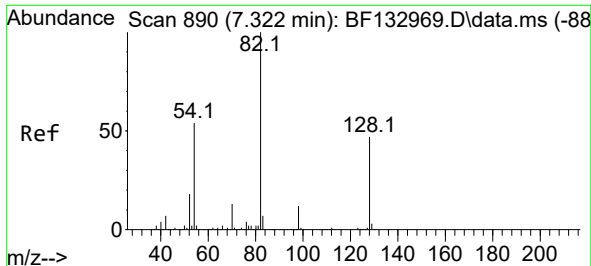
Tgt Ion:136 Resp: 861238
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.4 7.0 10.4
68 6.6 5.4 8.2



#22
Acetophenone
Concen: 43.899 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

Tgt Ion:105 Resp: 875801
Ion Ratio Lower Upper
105 100
71 2.7 4.6 7.0#
51 40.9 28.2 42.2
120 23.2 18.4 27.6





#23

Nitrobenzene-d5

Concen: 85.126 ng

RT: 7.322 min Scan# 890

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

Instrument :

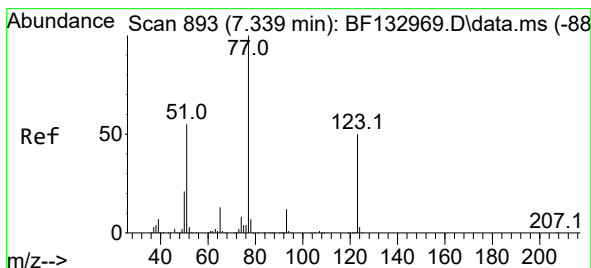
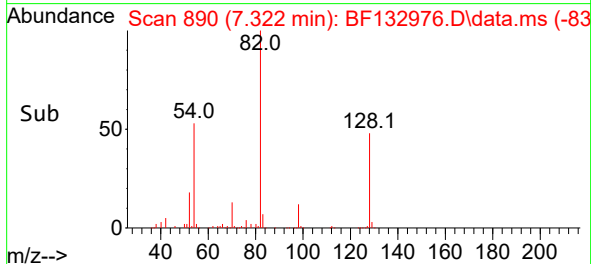
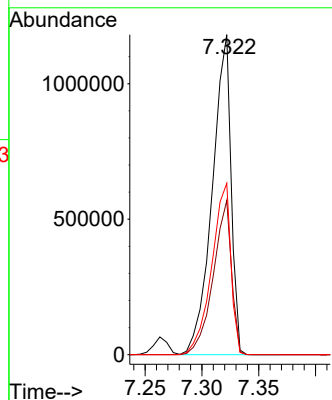
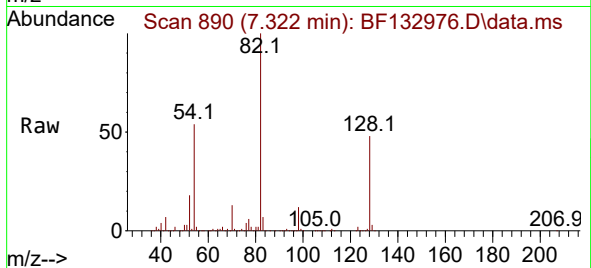
BNA_F

ClientSampleId :

PB152302BSD

Tgt Ion: 82 Resp: 1358252

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.7	56.5
54	53.5	43.0	64.4



#24

Nitrobenzene

Concen: 42.720 ng

RT: 7.339 min Scan# 893

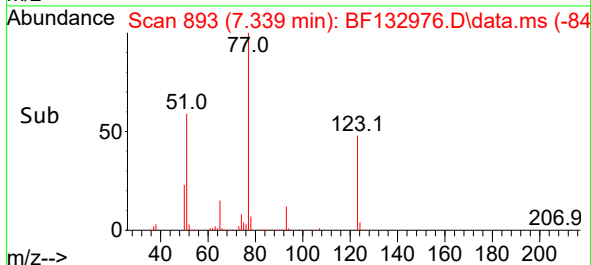
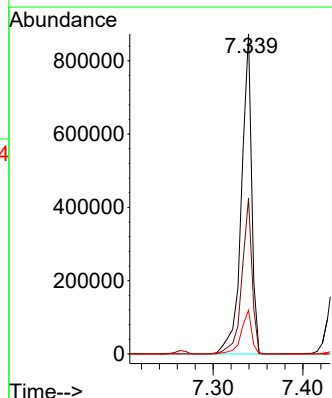
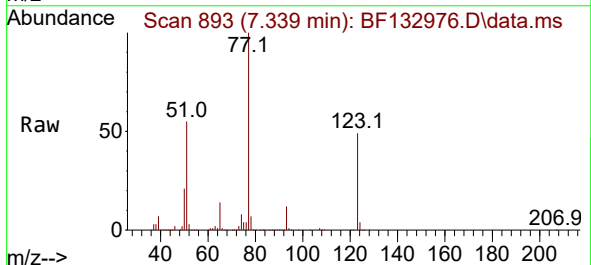
Delta R.T. -0.000 min

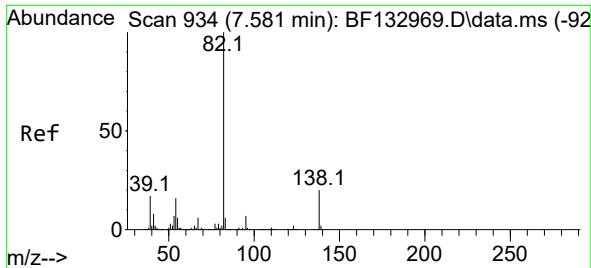
Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

Tgt Ion: 77 Resp: 690717

Ion	Ratio	Lower	Upper
77	100		
123	48.7	39.9	59.9
65	13.7	10.7	16.1

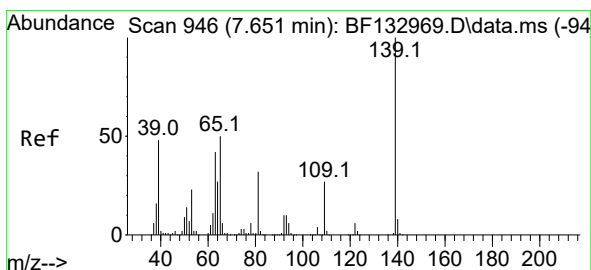
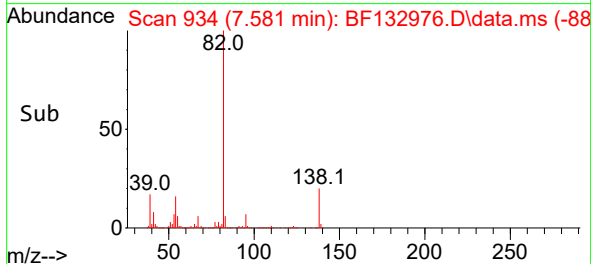
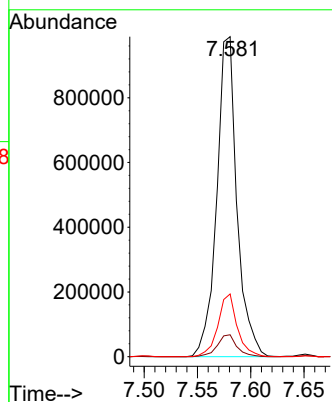
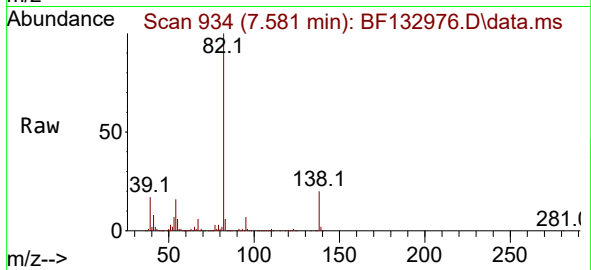




#25
Isophorone
Concen: 42.981 ng
RT: 7.581 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

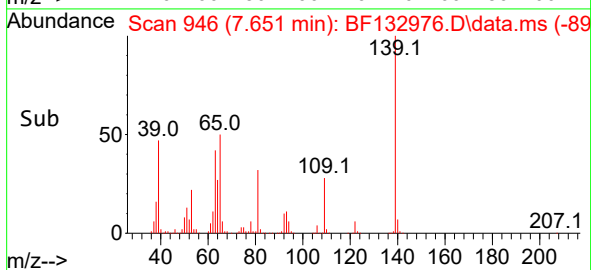
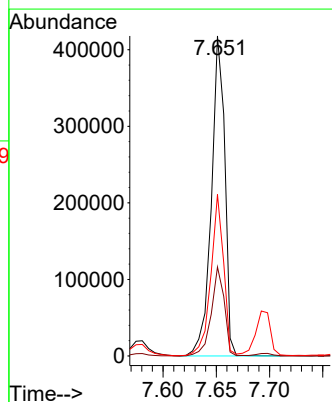
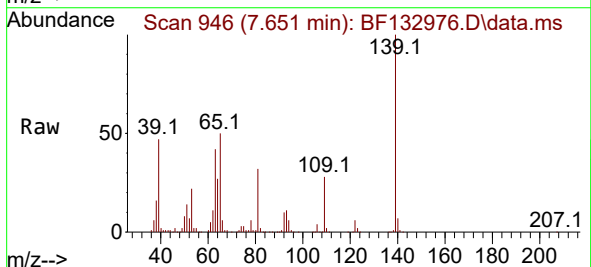
Instrument :
BNA_F
ClientSampleId :
PB152302BSD

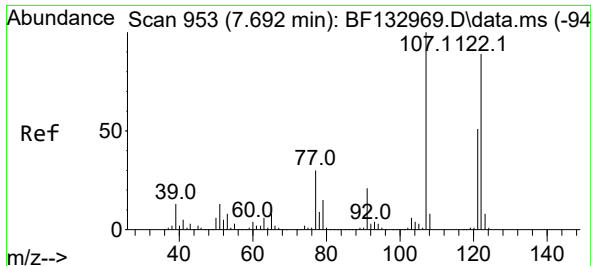
Tgt Ion: 82 Resp: 1302077
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 19.6 16.0 24.0



#26
2-Nitrophenol
Concen: 47.020 ng
RT: 7.651 min Scan# 946
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

Tgt Ion:139 Resp: 366681
Ion Ratio Lower Upper
139 100
109 27.8 21.6 32.4
65 50.5 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 45.377 ng

RT: 7.698 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB152302BSD

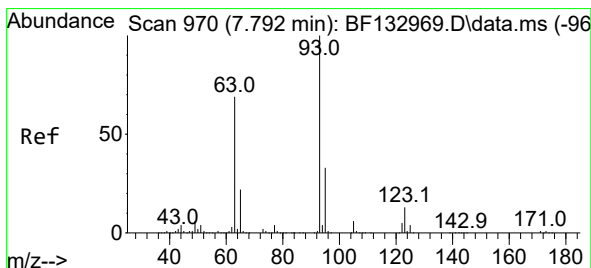
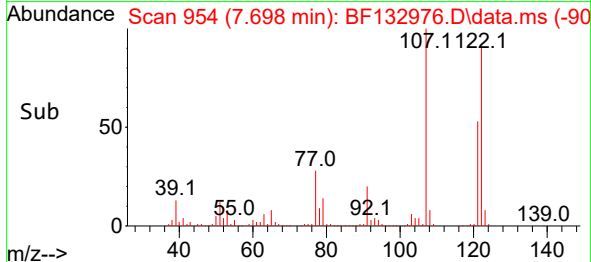
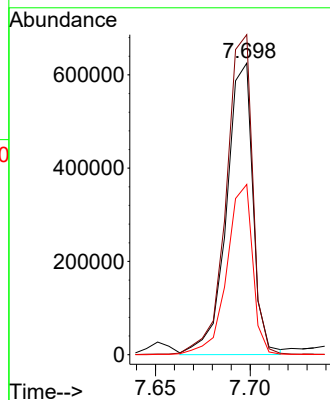
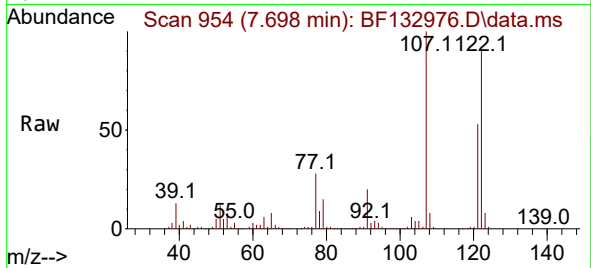
Tgt Ion:122 Resp: 606792

Ion Ratio Lower Upper

122 100

107 109.7 89.7 134.5

121 58.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 42.933 ng

RT: 7.792 min Scan# 970

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

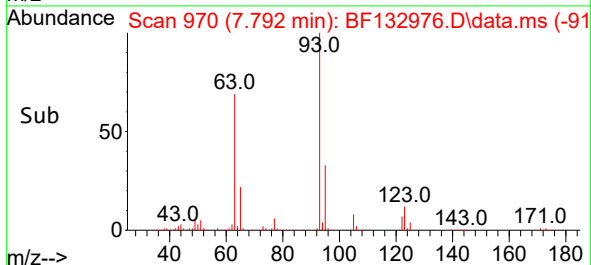
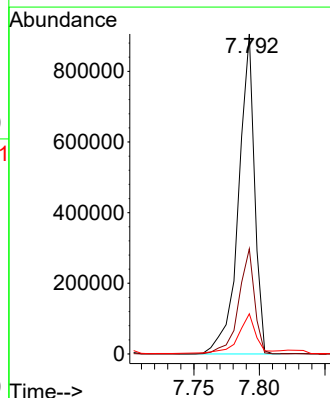
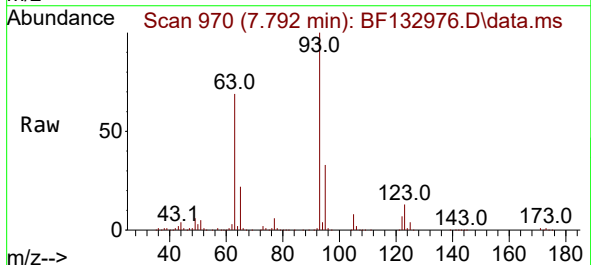
Tgt Ion: 93 Resp: 769440

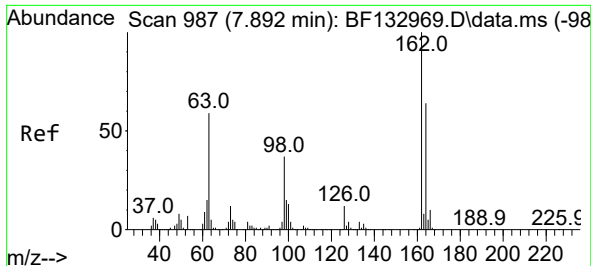
Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

123 12.6 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 43.929 ng

RT: 7.898 min Scan# 987

Delta R.T. 0.006 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB152302BSD

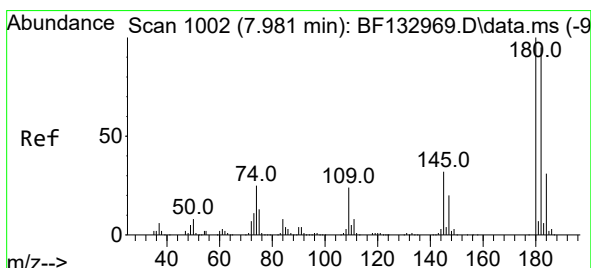
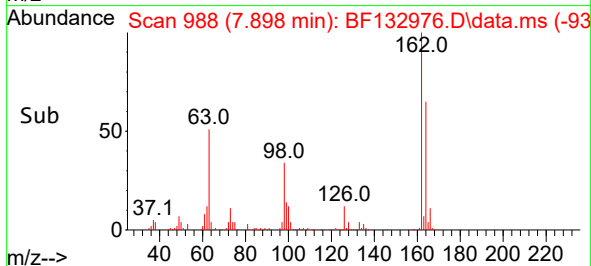
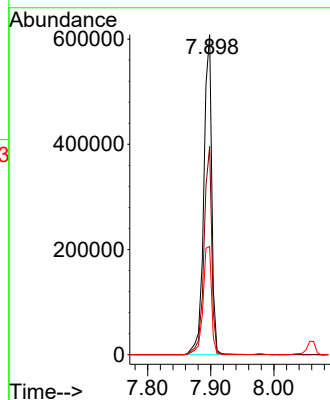
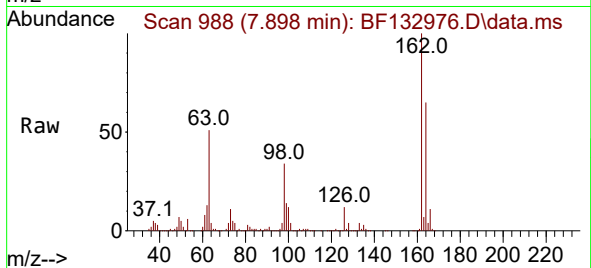
Tgt Ion:162 Resp: 534765

Ion Ratio Lower Upper

162 100

164 65.0 43.9 83.9

98 33.8 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 44.716 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

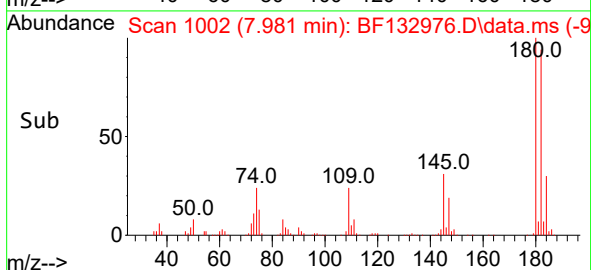
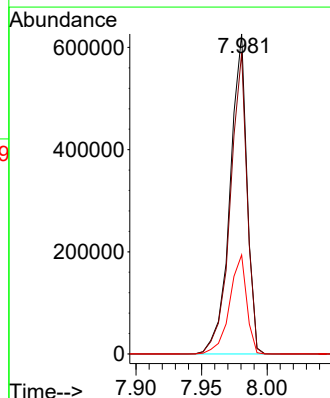
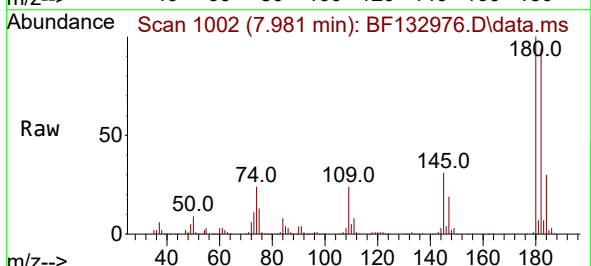
Tgt Ion:180 Resp: 563928

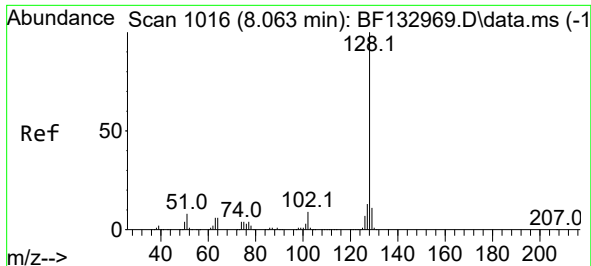
Ion Ratio Lower Upper

180 100

182 94.1 75.9 113.9

145 31.0 25.3 37.9

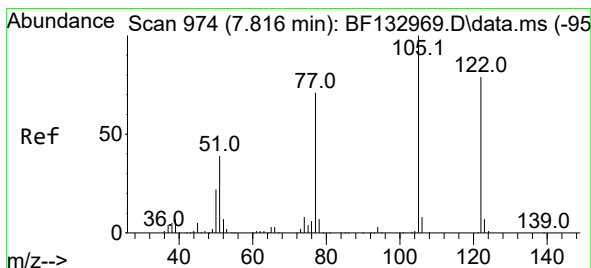
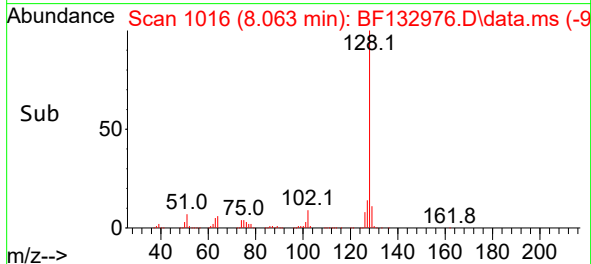
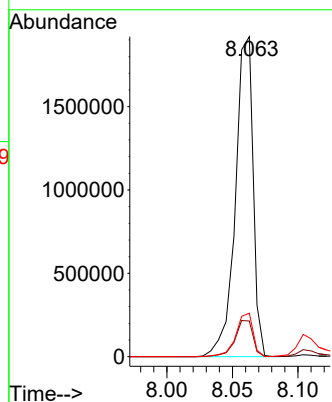
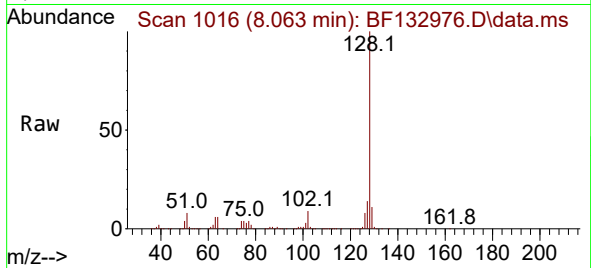




#31
Naphthalene
Concen: 42.216 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

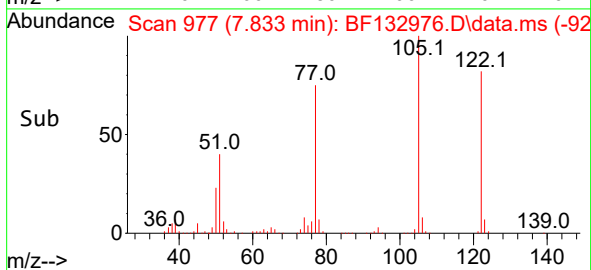
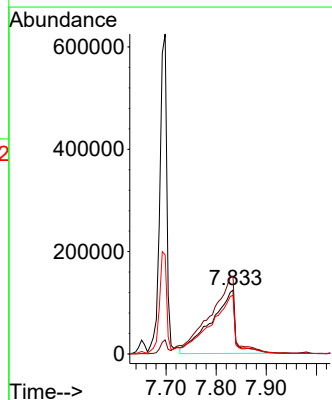
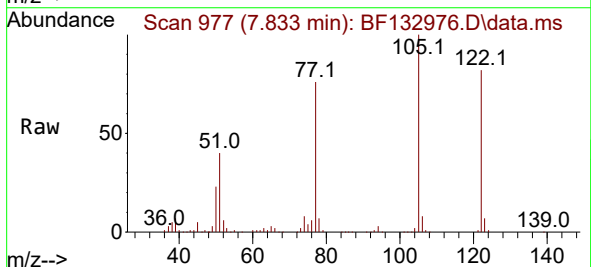
Instrument :
BNA_F
ClientSampleId :
PB152302BSD

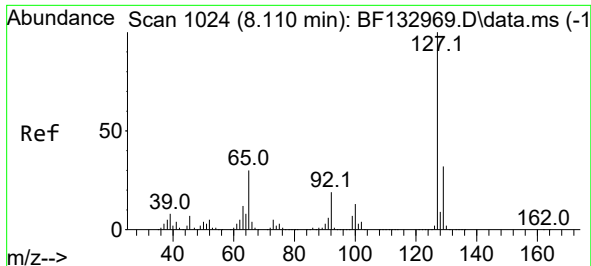
Tgt Ion:128 Resp: 1817805
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 51.644 ng
RT: 7.833 min Scan# 977
Delta R.T. 0.017 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

Tgt Ion:122 Resp: 426577
Ion Ratio Lower Upper
122 100
105 121.7 104.2 144.2
77 92.1 69.7 109.7

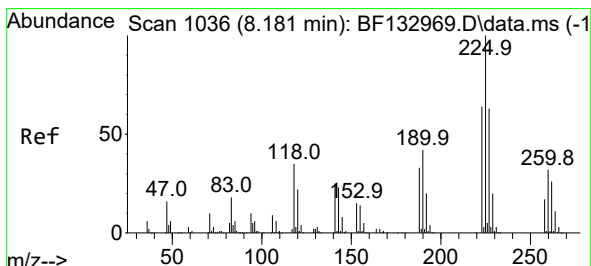
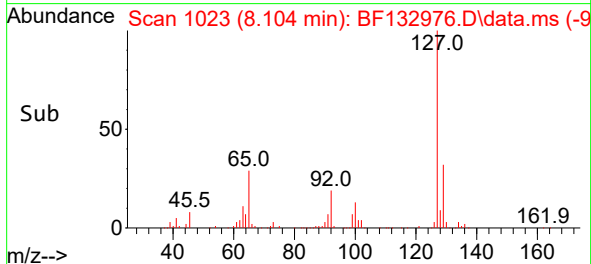
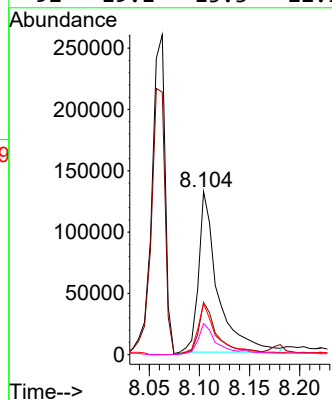
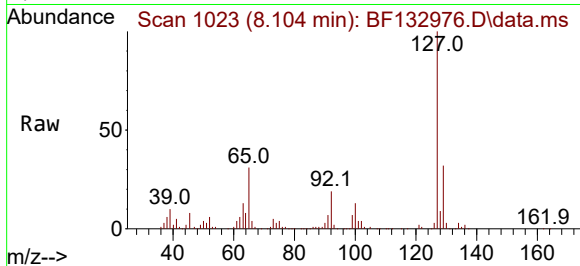




#33
4-Chloroaniline
Concen: 10.003 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

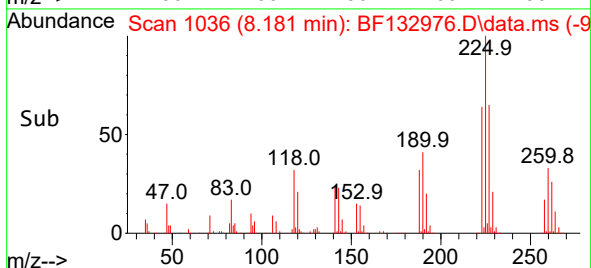
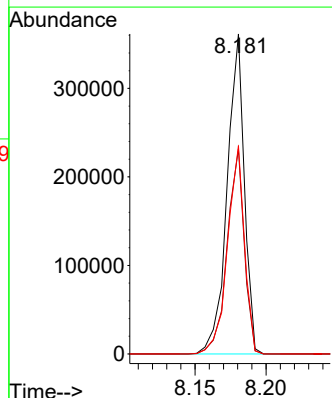
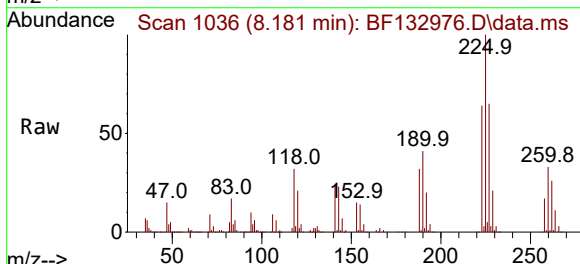
Instrument :
BNA_F
ClientSampleId :
PB152302BSD

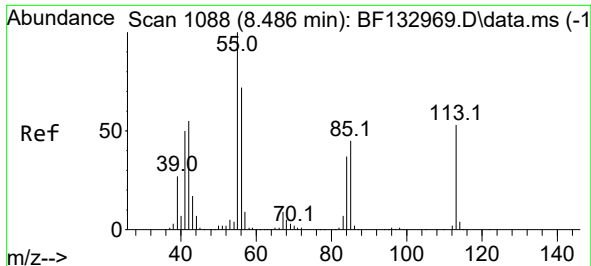
Tgt Ion:	127	Resp:	174034
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.8
65	31.5	23.6	35.4
92	19.1	15.3	22.9



#34
Hexachlorobutadiene
Concen: 43.549 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

Tgt Ion:	225	Resp:	304403
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.9	76.3
227	65.1	50.3	75.5

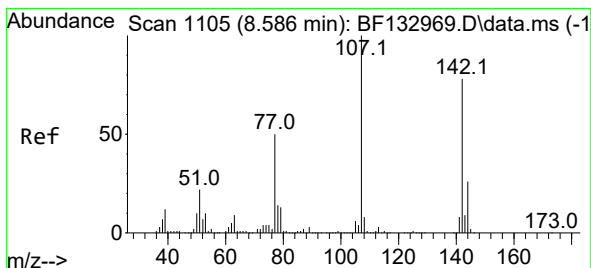
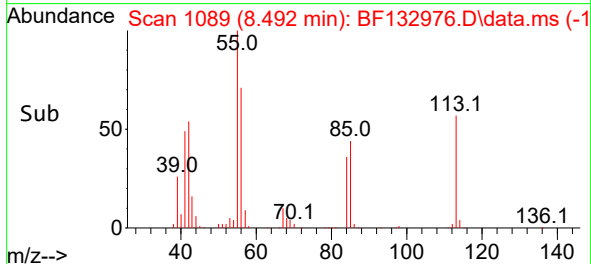
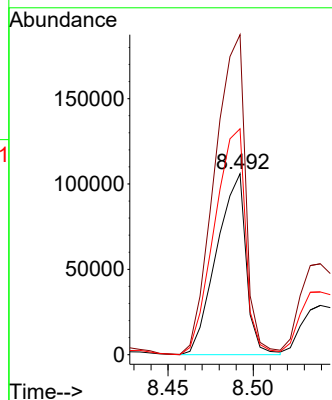
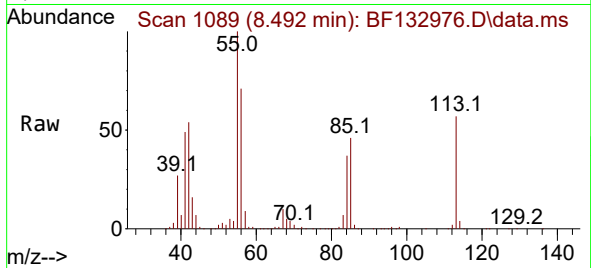




#35
 Caprolactam
 Concen: 31.203 ng
 RT: 8.492 min Scan# 1089
 Delta R.T. 0.006 min
 Lab File: BF132976.D
 Acq: 21 Apr 2023 18:59

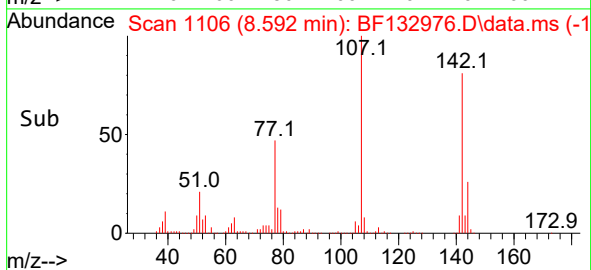
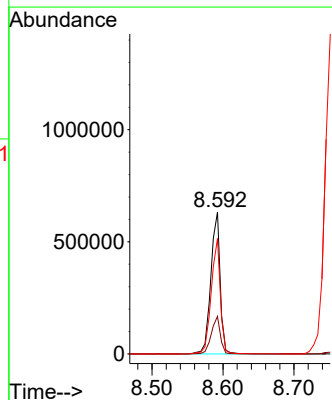
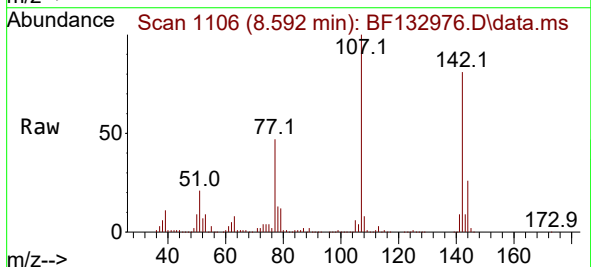
Instrument :
 BNA_F
 ClientSampleId :
 PB152302BSD

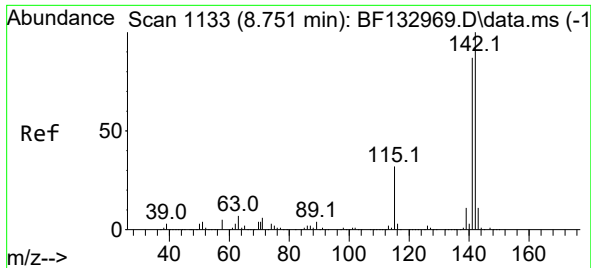
Tgt Ion:113 Resp: 127602
 Ion Ratio Lower Upper
 113 100
 55 176.9 167.1 207.1
 56 124.9 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 44.387 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF132976.D
 Acq: 21 Apr 2023 18:59

Tgt Ion:107 Resp: 582688
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.6 30.8
 142 81.3 62.8 94.2

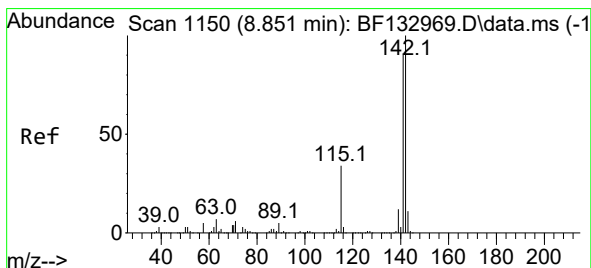
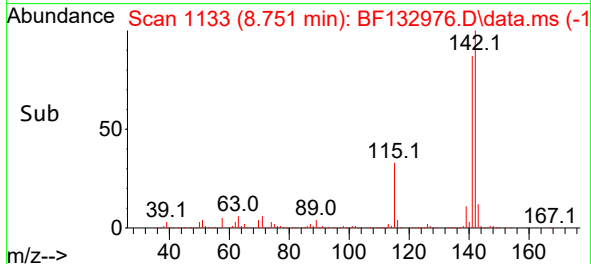
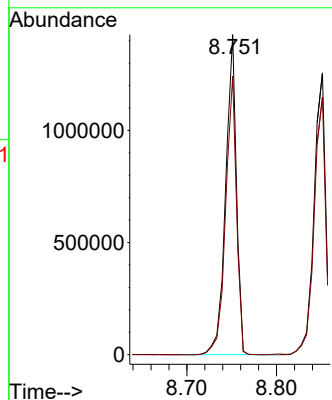
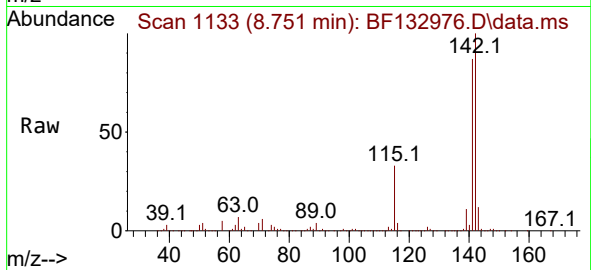




#37
2-Methylnaphthalene
Concen: 40.480 ng
RT: 8.751 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

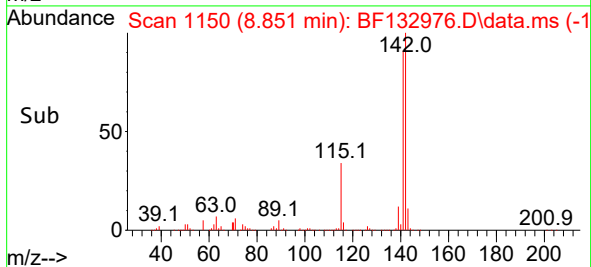
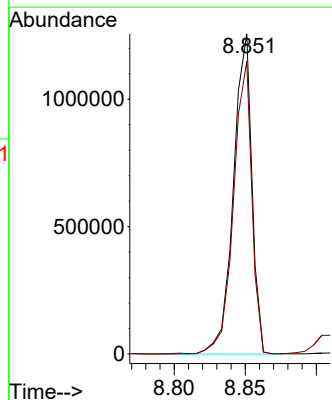
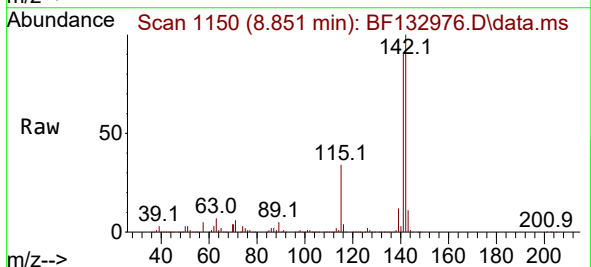
Instrument :
BNA_F
ClientSampleId :
PB152302BSD

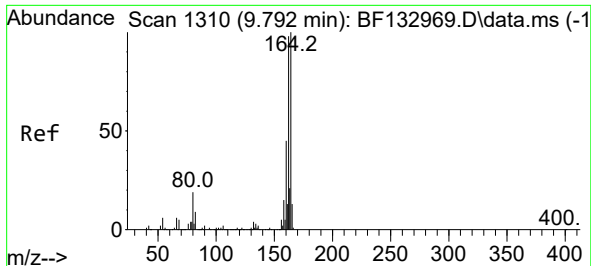
Tgt Ion:142 Resp: 1191673
Ion Ratio Lower Upper
142 100
141 87.0 69.4 104.0



#38
1-Methylnaphthalene
Concen: 41.153 ng
RT: 8.851 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

Tgt Ion:142 Resp: 1133326
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7

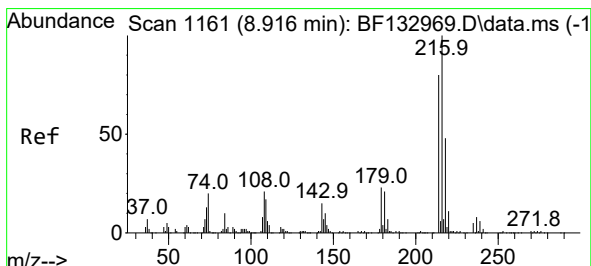
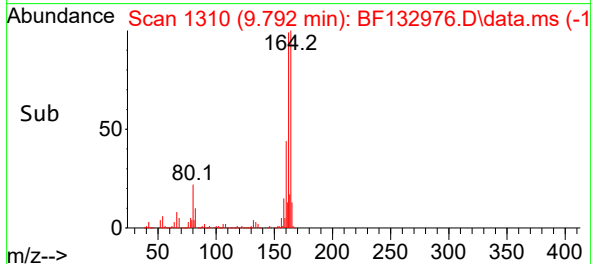
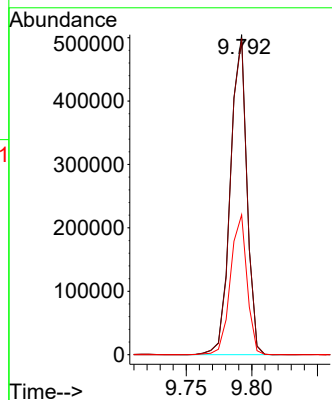
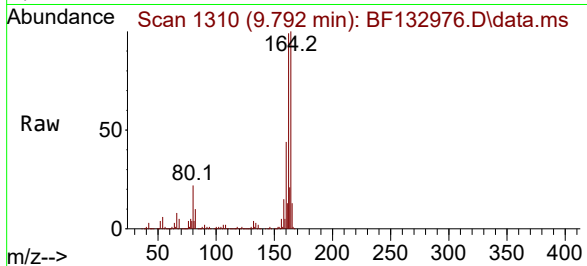




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

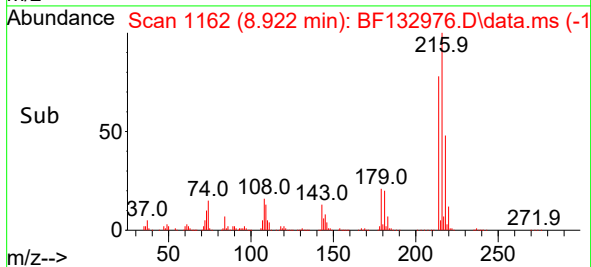
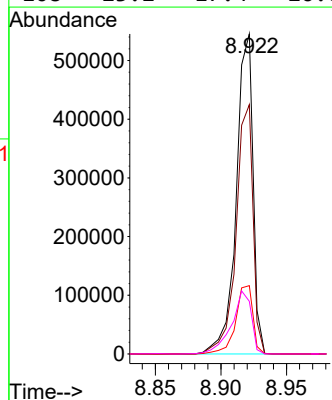
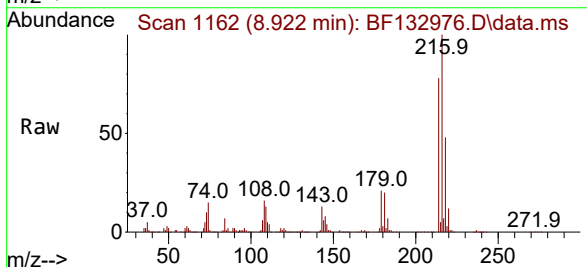
Instrument :
BNA_F
ClientSampleId :
PB152302BSD

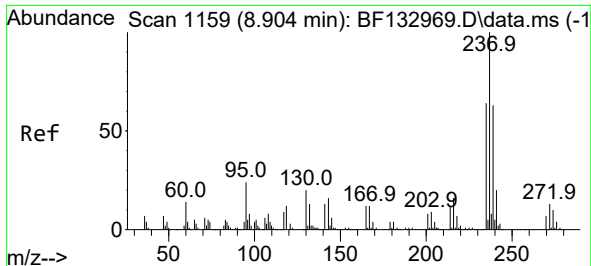
Tgt Ion:164 Resp: 438626
Ion Ratio Lower Upper
164 100
162 98.8 78.7 118.1
160 43.7 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.250 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

Tgt Ion:216 Resp: 486474
Ion Ratio Lower Upper
216 100
214 78.6 63.5 95.3
179 22.0 17.4 26.2
108 23.2 17.4 26.0

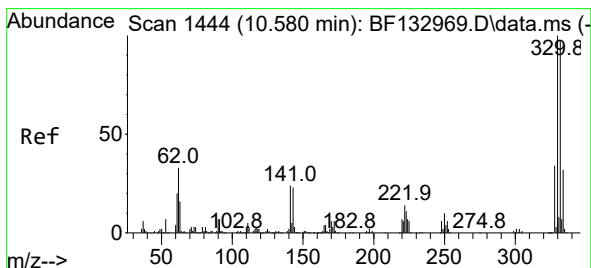
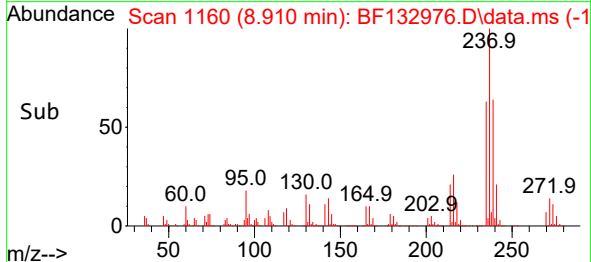
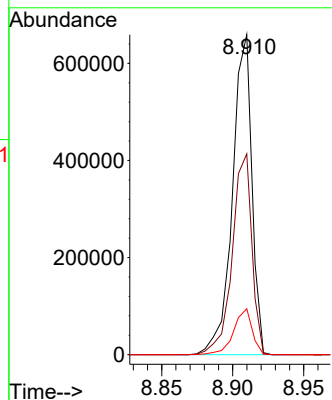
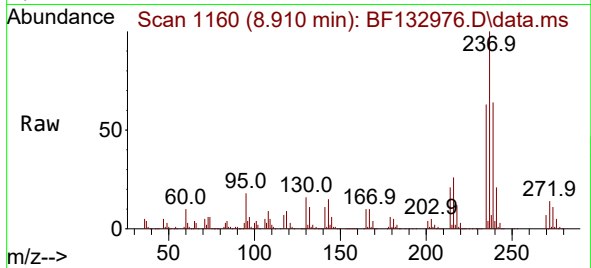




#41
Hexachlorocyclopentadiene
Concen: 91.450 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.006 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

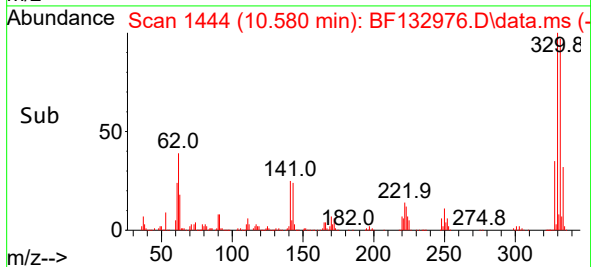
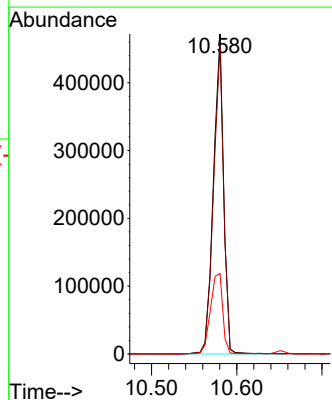
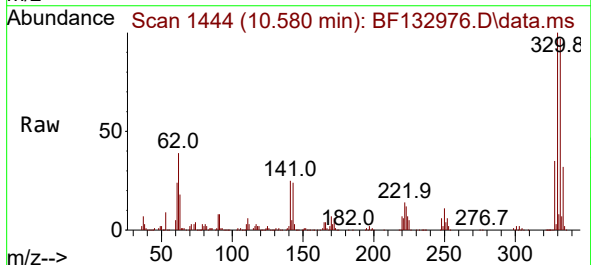
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ClientSampleId :
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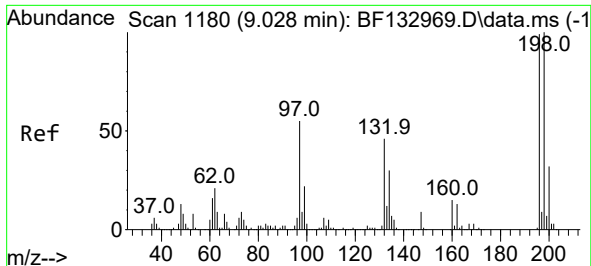
Tgt Ion:237 Resp: 628989
Ion Ratio Lower Upper
237 100
235 62.8 43.5 83.5
272 14.4 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 88.928 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

Tgt Ion:330 Resp: 392279
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 30.2 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 44.736 ng

RT: 9.027 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB152302BSD

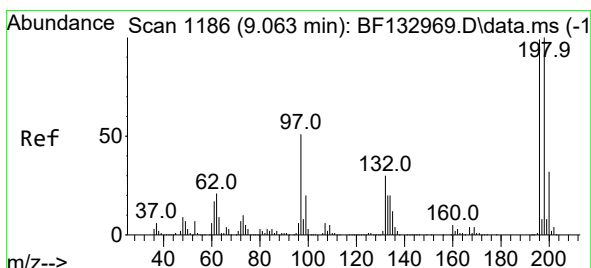
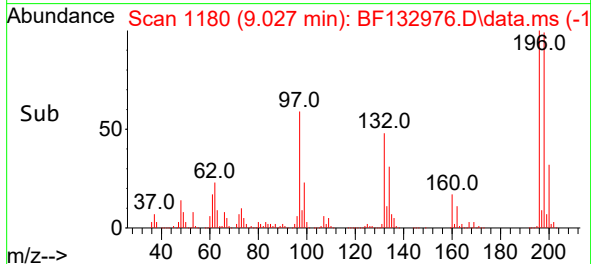
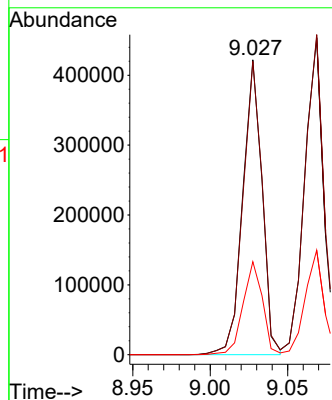
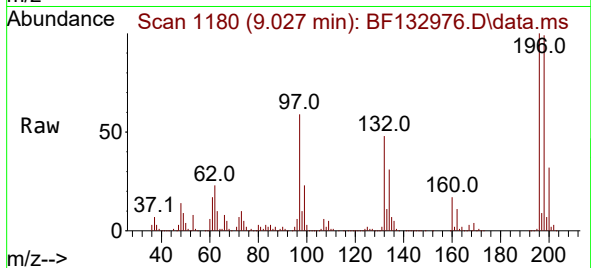
Tgt Ion:196 Resp: 364864

Ion Ratio Lower Upper

196 100

198 99.5 81.0 121.6

200 31.5 26.1 39.1



#44

2,4,5-Trichlorophenol

Concen: 40.598 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.006 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

Tgt Ion:196 Resp: 382948

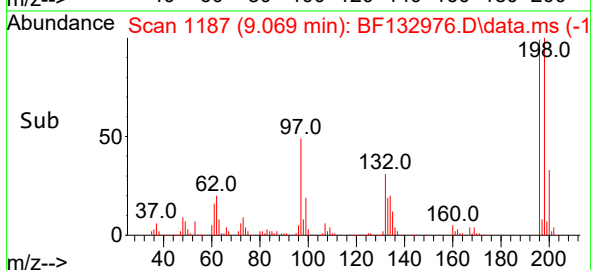
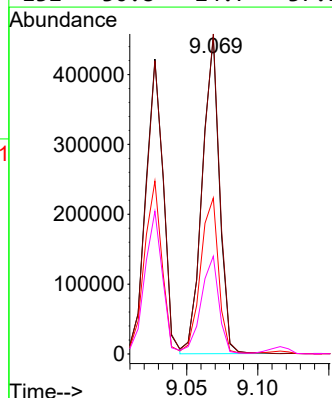
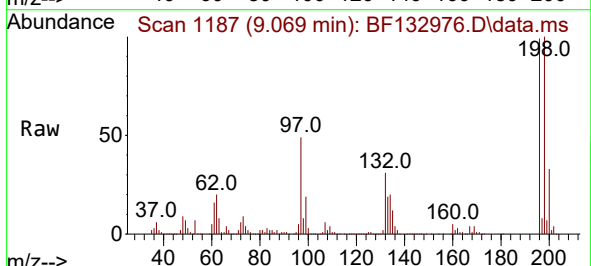
Ion Ratio Lower Upper

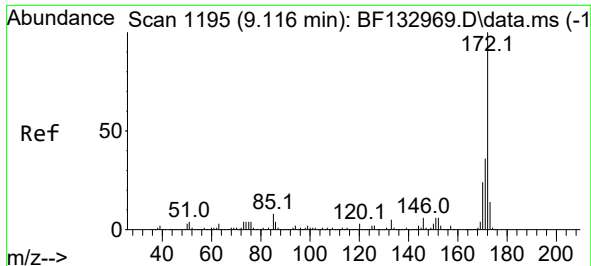
196 100

198 100.9 80.9 121.3

97 49.2 41.3 61.9

132 30.8 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 83.663 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB152302BSD

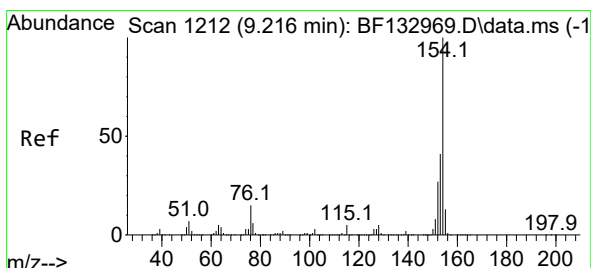
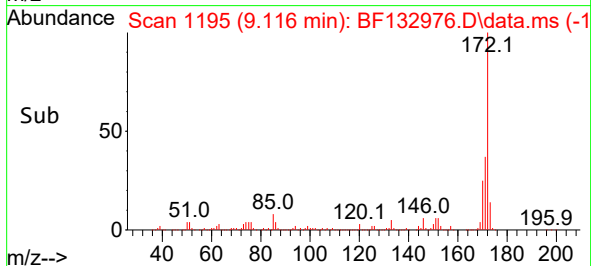
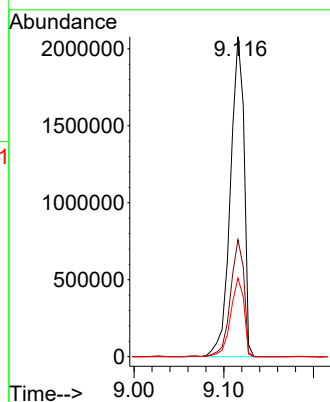
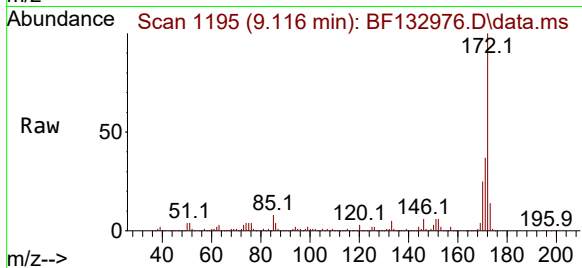
Tgt Ion:172 Resp: 2193473

Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 24.6 19.4 29.2



#46

1,1'-Biphenyl

Concen: 41.484 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

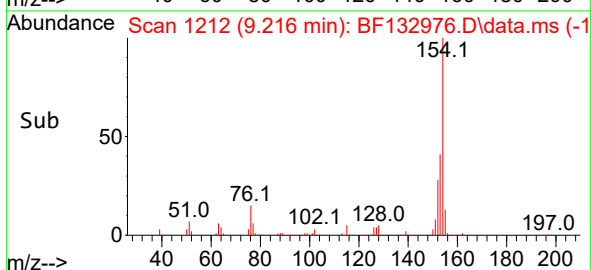
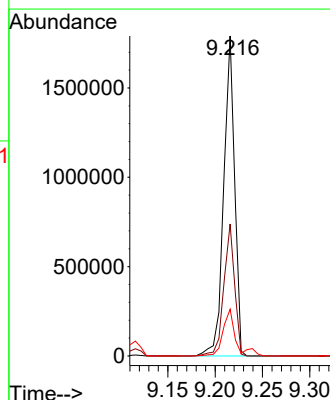
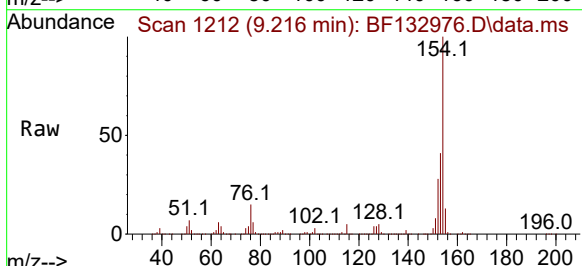
Tgt Ion:154 Resp: 1442867

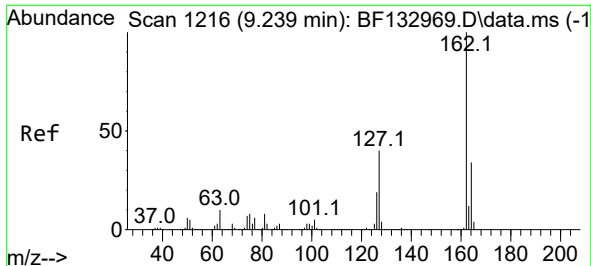
Ion Ratio Lower Upper

154 100

153 41.3 21.0 61.0

76 14.6 0.0 34.5





#47

2-Chloronaphthalene

Concen: 42.812 ng

RT: 9.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB152302BSD

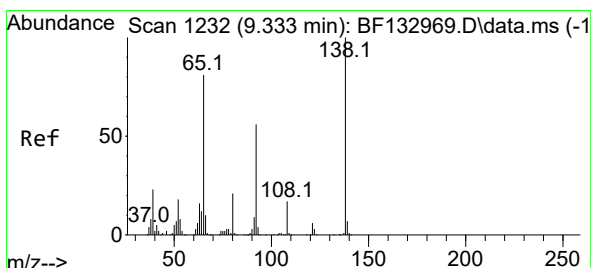
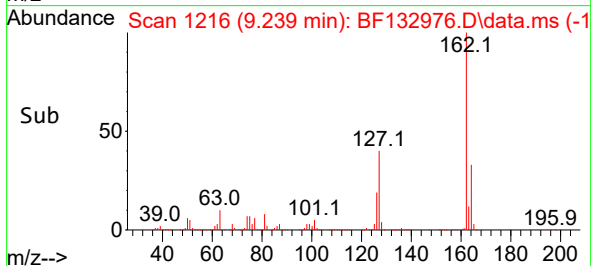
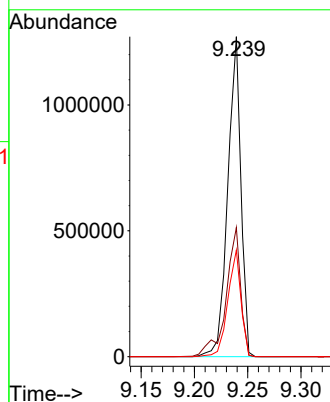
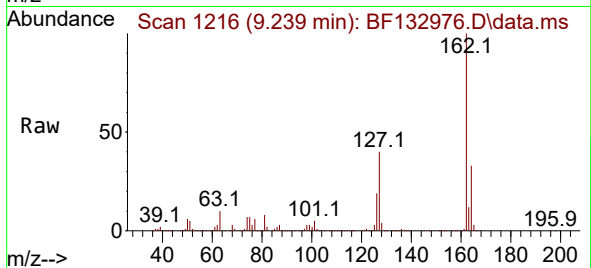
Tgt Ion:162 Resp: 1089884

Ion Ratio Lower Upper

162 100

127 40.4 32.3 48.5

164 33.3 26.8 40.2



#48

2-Nitroaniline

Concen: 43.344 ng

RT: 9.333 min Scan# 1232

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

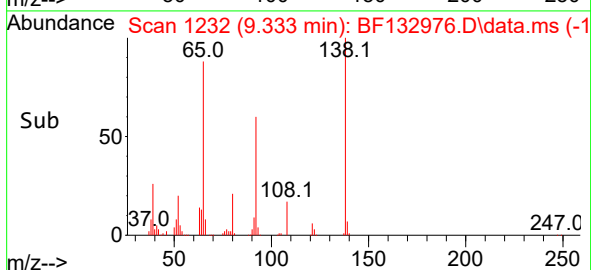
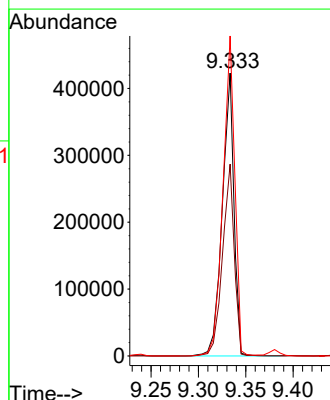
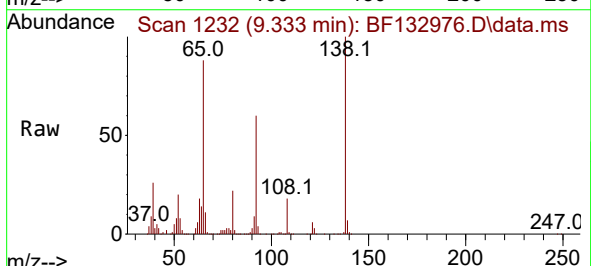
Tgt Ion: 65 Resp: 364680

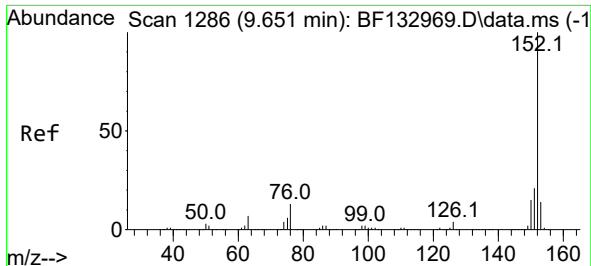
Ion Ratio Lower Upper

65 100

92 67.8 55.4 83.0

138 113.1 98.2 147.2





#49

Acenaphthylene

Concen: 42.272 ng

RT: 9.651 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB152302BSD

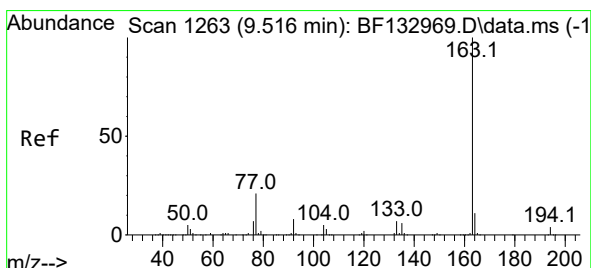
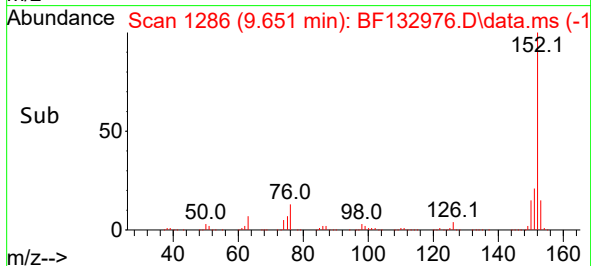
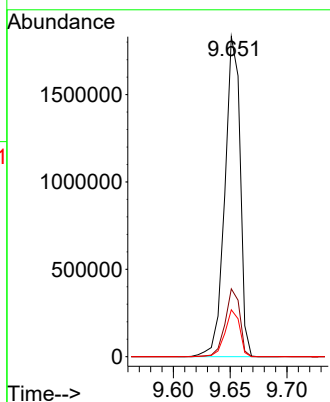
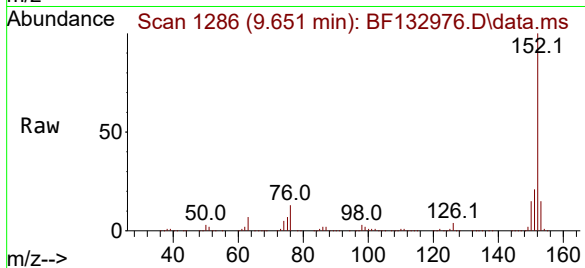
Tgt Ion:152 Resp: 1719507

Ion Ratio Lower Upper

152 100

151 21.2 16.6 24.8

153 14.6 11.5 17.3



#50

Dimethylphthalate

Concen: 42.446 ng

RT: 9.522 min Scan# 1264

Delta R.T. 0.006 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

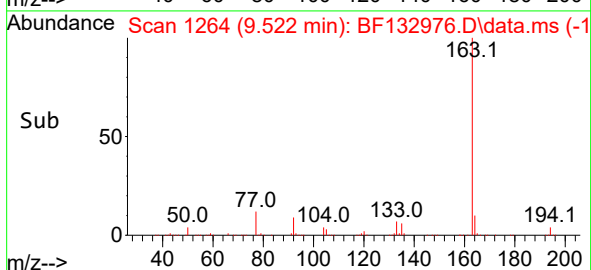
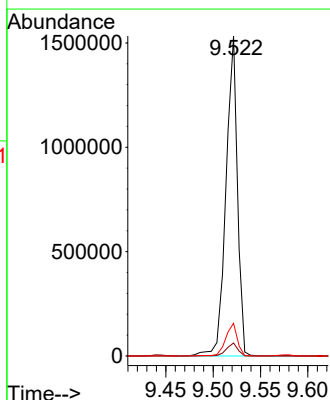
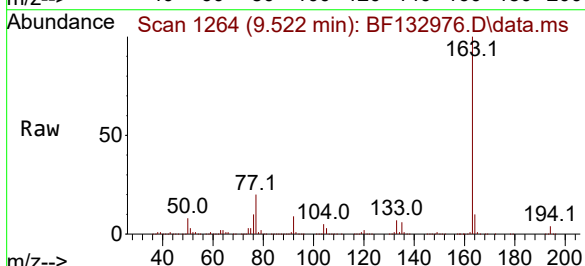
Tgt Ion:163 Resp: 1298202

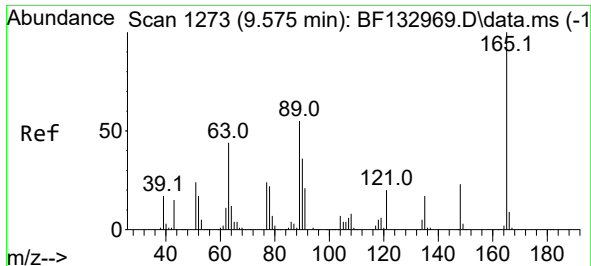
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.2 8.5 12.7

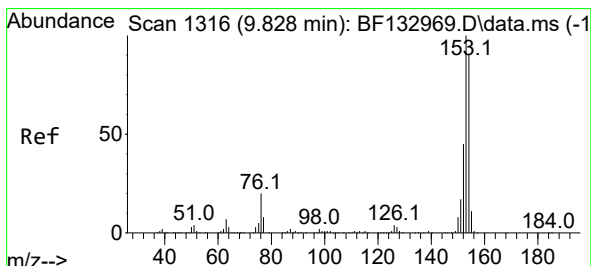
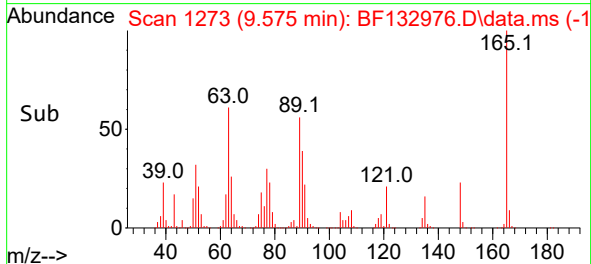
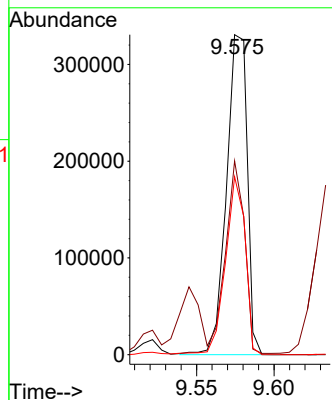
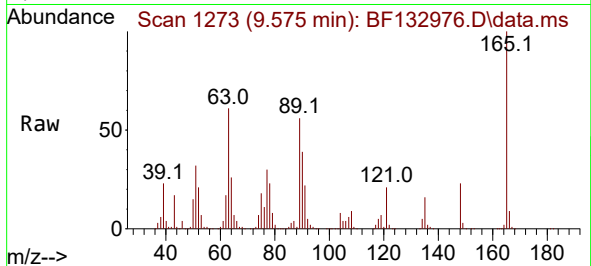




#51
2,6-Dinitrotoluene
Concen: 44.811 ng
RT: 9.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

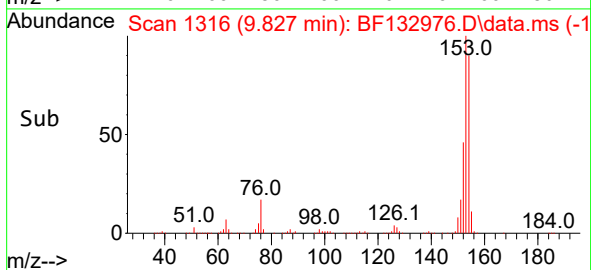
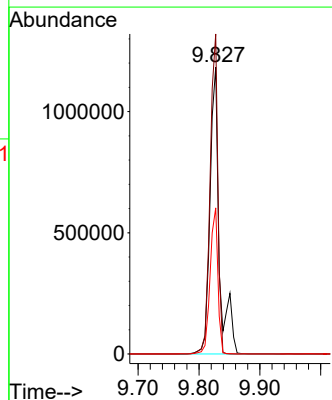
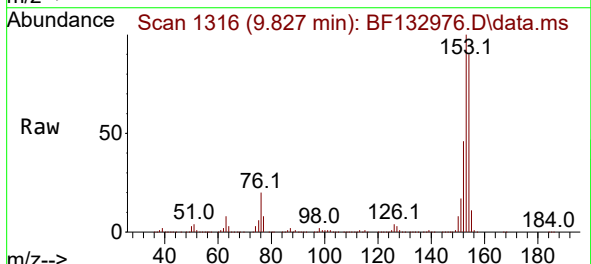
Instrument :
BNA_F
ClientSampleId :
PB152302BSD

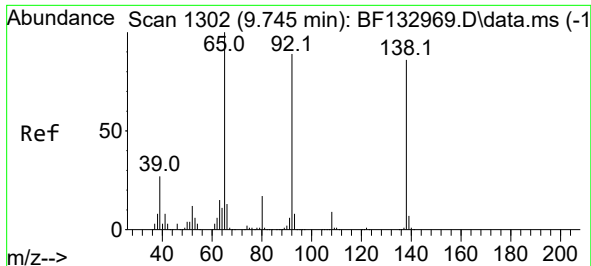
Tgt Ion:165 Resp: 308469
Ion Ratio Lower Upper
165 100
63 60.6 45.9 68.9
89 55.6 44.0 66.0



#52
Acenaphthene
Concen: 46.718 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

Tgt Ion:154 Resp: 1272770
Ion Ratio Lower Upper
154 100
153 111.6 89.0 133.6
152 51.0 40.4 60.6

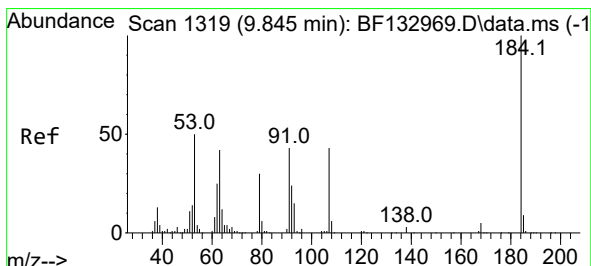
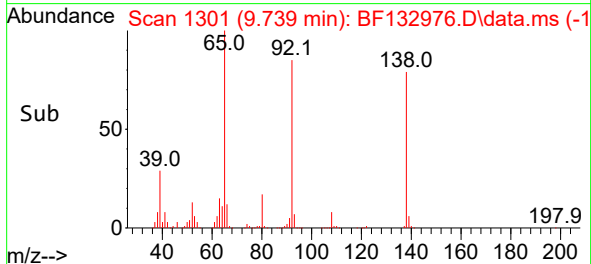
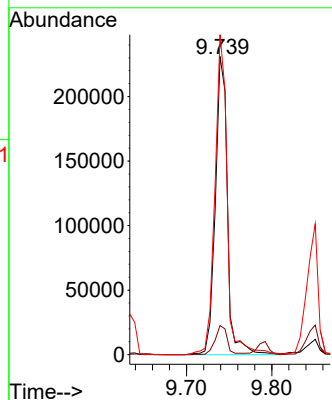
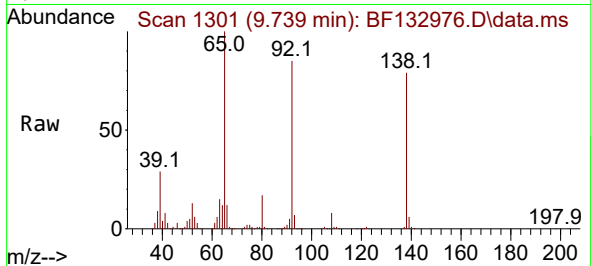




#53
3-Nitroaniline
Concen: 27.843 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

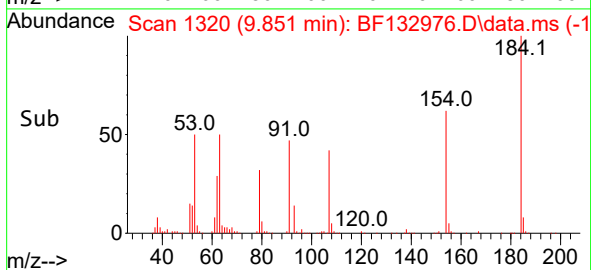
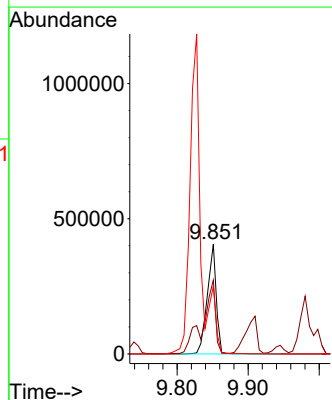
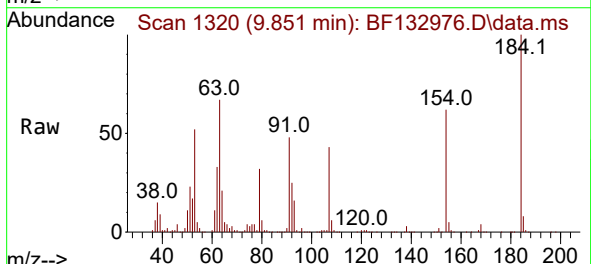
Instrument :
BNA_F
ClientSampleId :
PB152302BSD

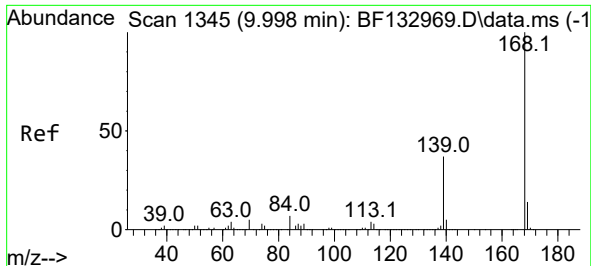
Tgt Ion:138 Resp: 227895
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 107.3 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 104.354 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

Tgt Ion:184 Resp: 361078
Ion Ratio Lower Upper
184 100
63 67.1 49.8 74.8
154 61.6 49.5 74.3





#55

Dibenzofuran

Concen: 41.234 ng

RT: 9.998 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB152302BSD

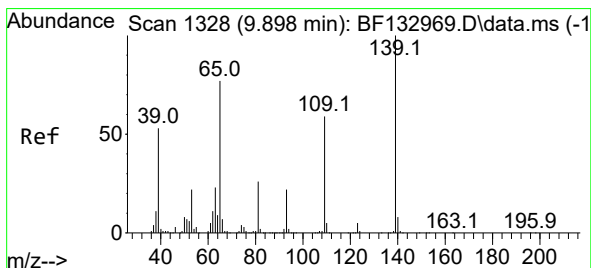
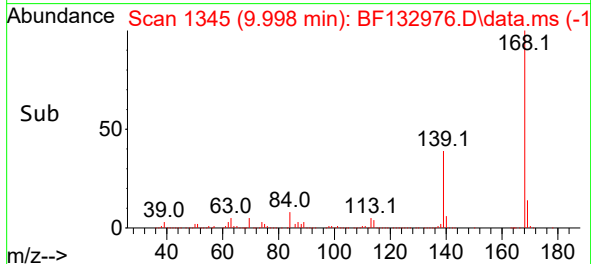
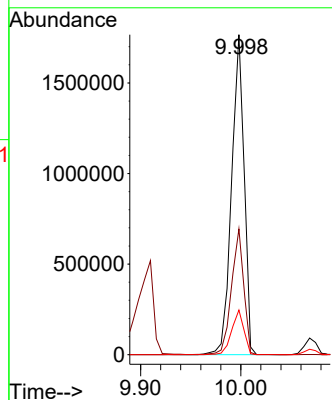
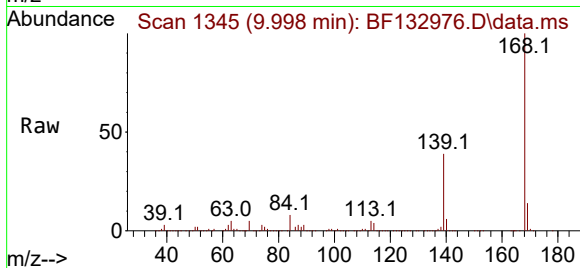
Tgt Ion:168 Resp: 1532370

Ion Ratio Lower Upper

168 100

139 39.3 29.8 44.8

169 13.9 10.8 16.2



#56

4-Nitrophenol

Concen: 89.429 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.012 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

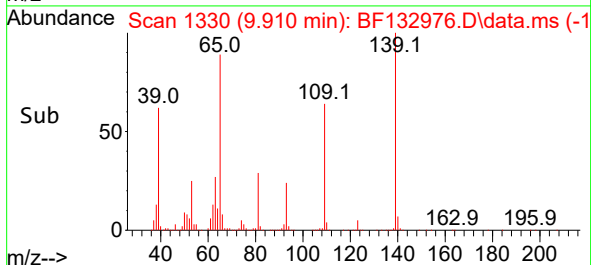
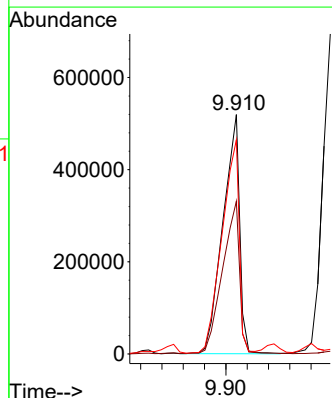
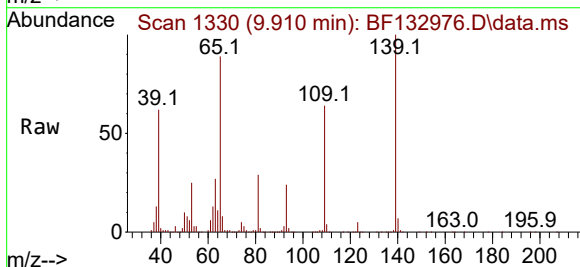
Tgt Ion:139 Resp: 566924

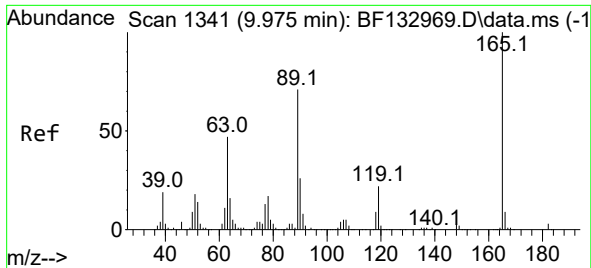
Ion Ratio Lower Upper

139 100

109 63.8 39.4 79.4

65 89.5 57.5 97.5

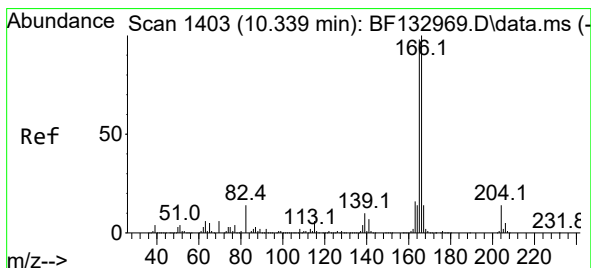
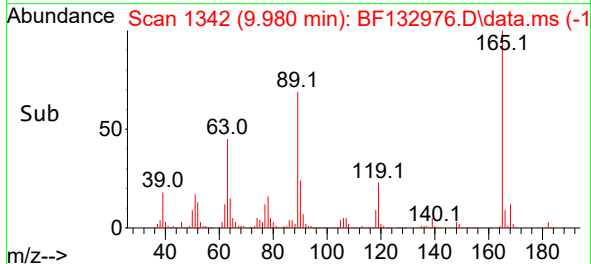
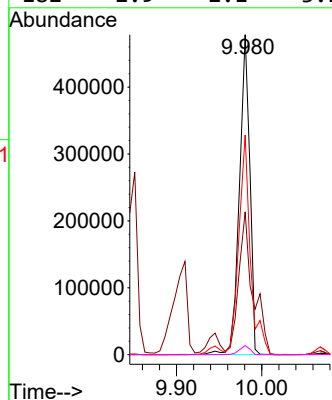
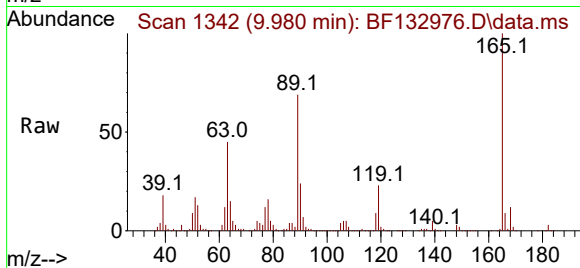




#57
2,4-Dinitrotoluene
Concen: 46.225 ng
RT: 9.980 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

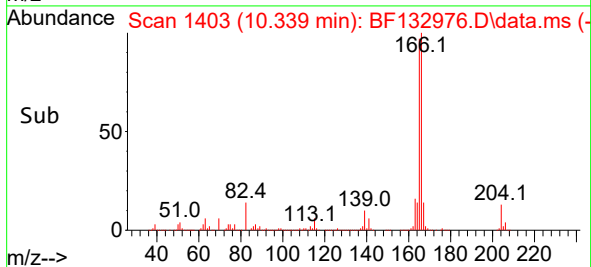
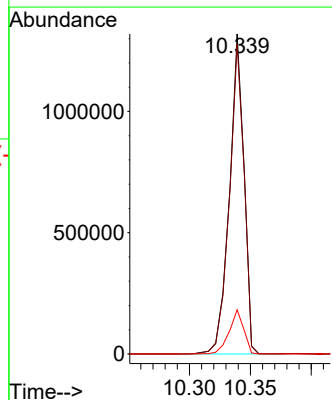
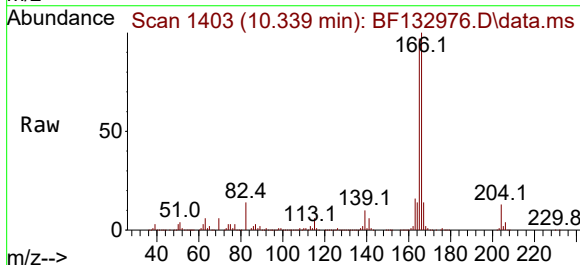
Instrument :
BNA_F
ClientSampleId :
PB152302BSD

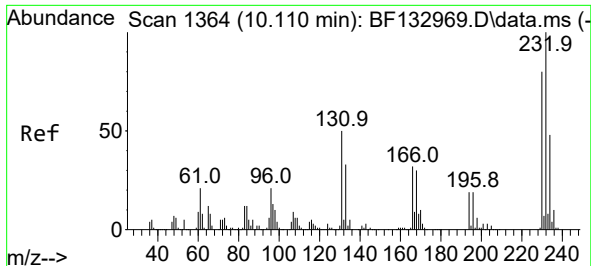
Tgt Ion:165 Resp: 405799
Ion Ratio Lower Upper
165 100
63 44.6 37.7 56.5
89 68.6 57.0 85.4
182 2.9 2.1 3.1



#58
Fluorene
Concen: 40.370 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

Tgt Ion:166 Resp: 1099158
Ion Ratio Lower Upper
166 100
165 96.9 78.6 117.8
167 13.8 11.0 16.4

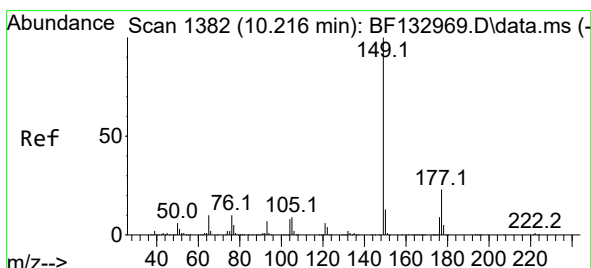
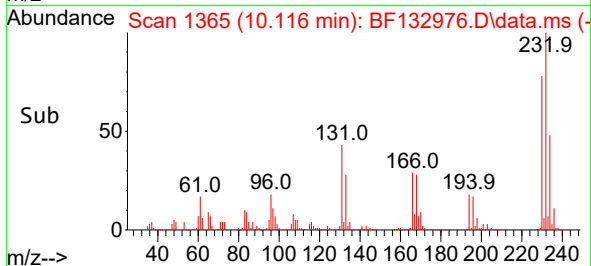
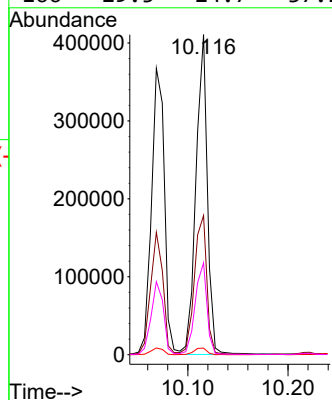
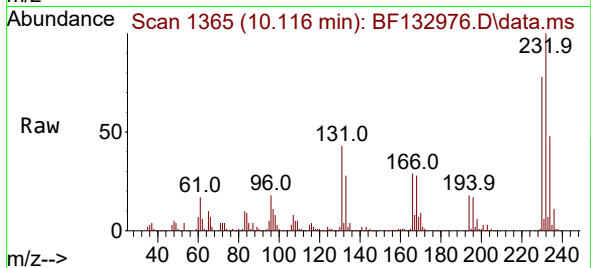




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.308 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

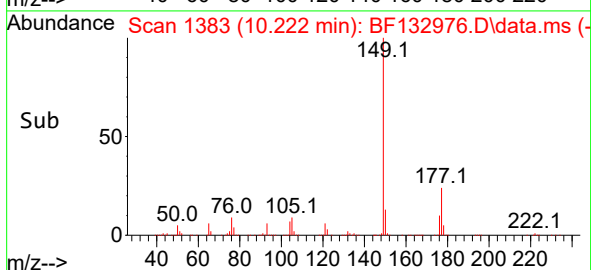
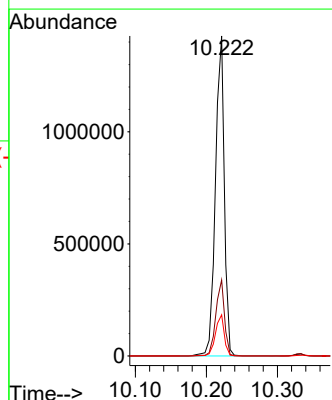
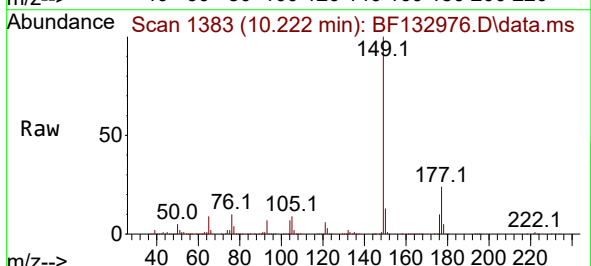
Instrument :
BNA_F
ClientSampleId :
PB152302BSD

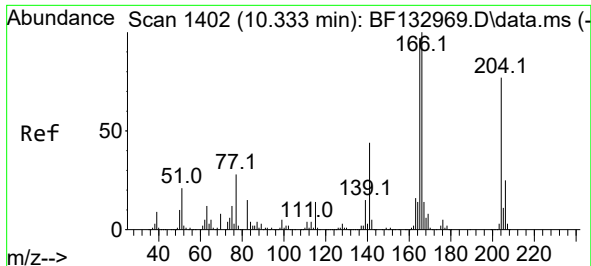
Tgt Ion:232 Resp: 324015
Ion Ratio Lower Upper
232 100
131 47.4 38.0 57.0
130 2.4 1.8 2.8
166 29.5 24.7 37.1



#60
Diethylphthalate
Concen: 42.979 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

Tgt Ion:149 Resp: 1241623
Ion Ratio Lower Upper
149 100
177 23.8 18.2 27.4
150 12.9 10.2 15.4

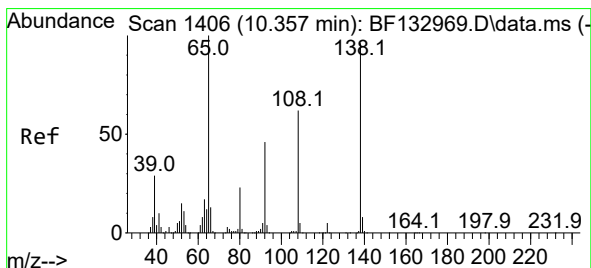
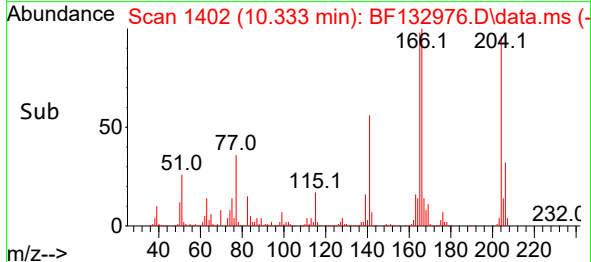
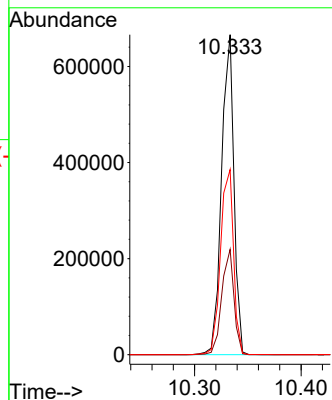
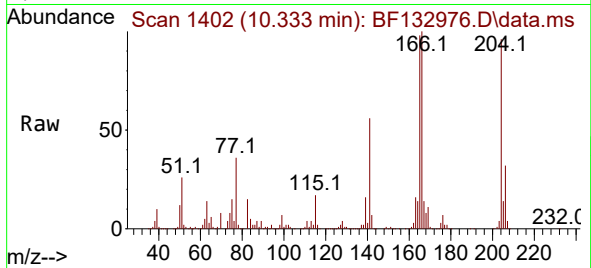




#61
4-Chlorophenyl-phenylether
Concen: 40.309 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

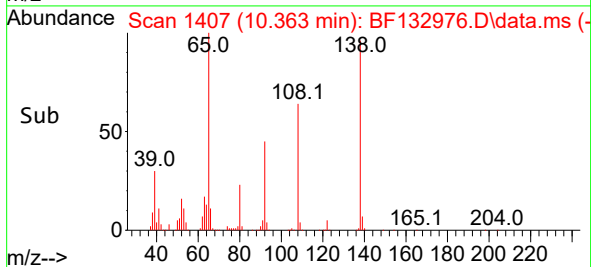
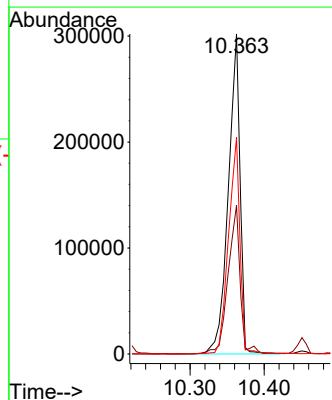
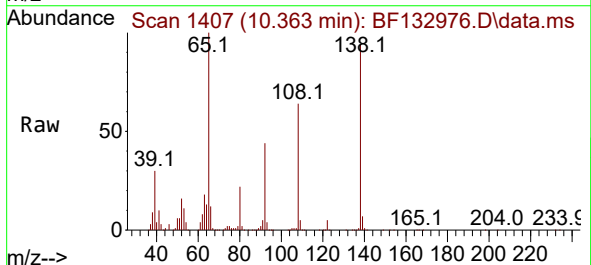
Instrument :
BNA_F
ClientSampleId :
PB152302BSD

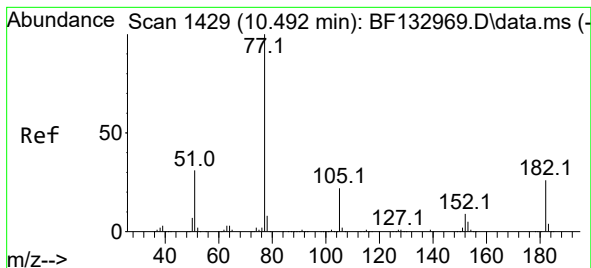
Tgt Ion:204 Resp: 534831
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 57.9 46.1 69.1



#62
4-Nitroaniline
Concen: 44.332 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

Tgt Ion:138 Resp: 333502
Ion Ratio Lower Upper
138 100
92 46.5 27.7 67.7
108 67.6 45.2 85.2





#63

Azobenzene

Concen: 41.985 ng

RT: 10.492 min Scan# 1429

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB152302BSD

Tgt Ion: 77 Resp: 1284868

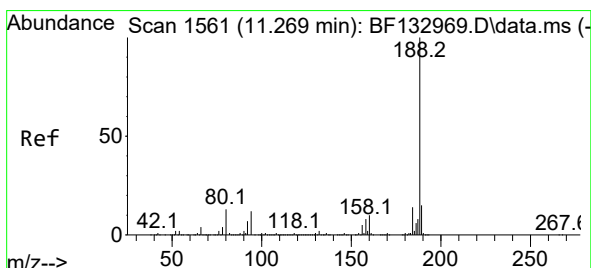
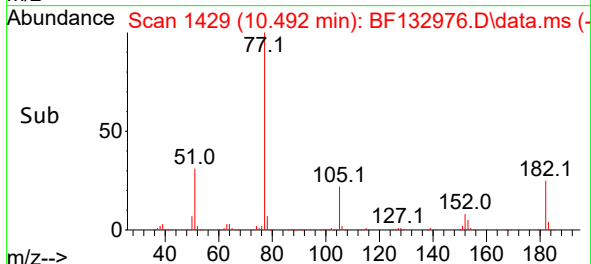
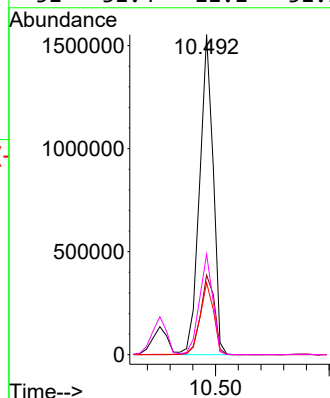
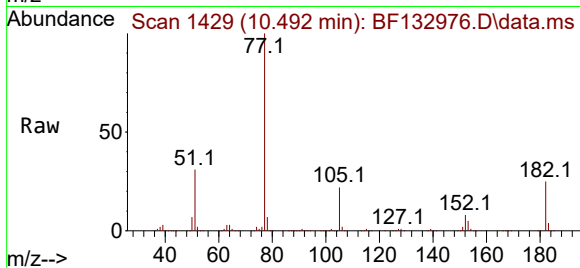
Ion Ratio Lower Upper

77 100

182 24.8 5.9 45.9

105 22.5 2.3 42.3

51 31.4 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.274 min Scan# 1562

Delta R.T. 0.006 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

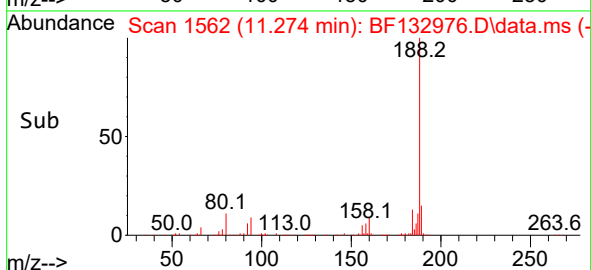
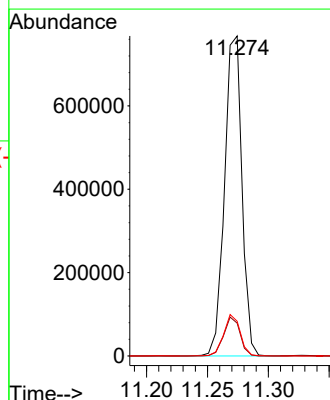
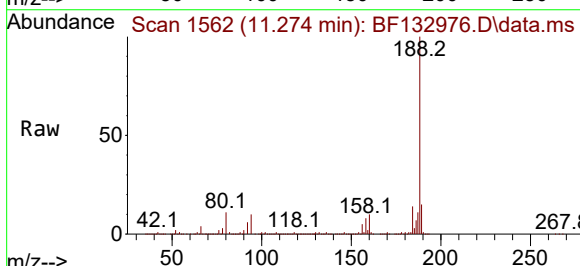
Tgt Ion: 188 Resp: 765694

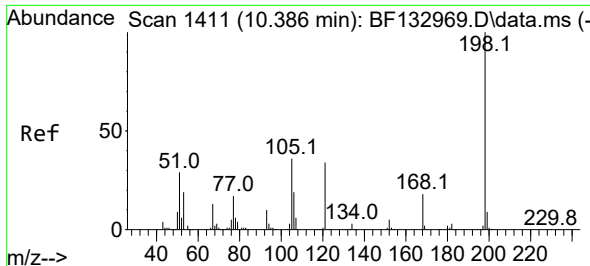
Ion Ratio Lower Upper

188 100

94 10.3 9.7 14.5

80 10.8 10.4 15.6

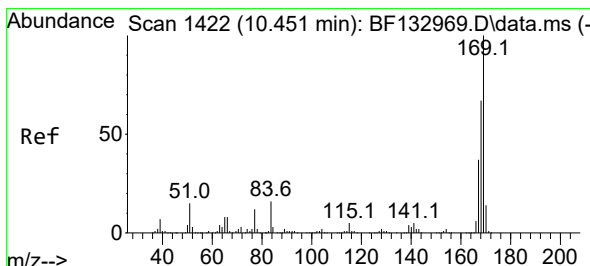
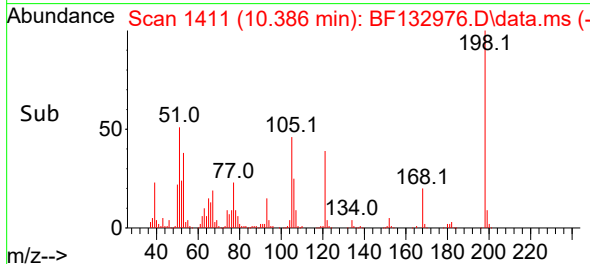
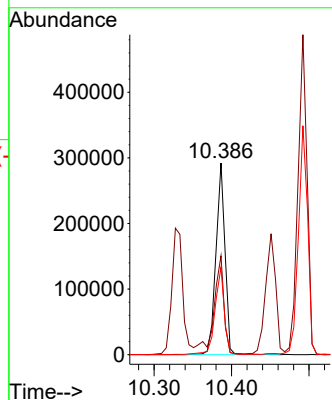
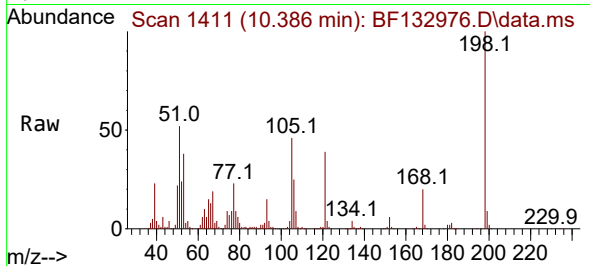




#65
4,6-Dinitro-2-methylphenol
Concen: 51.268 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

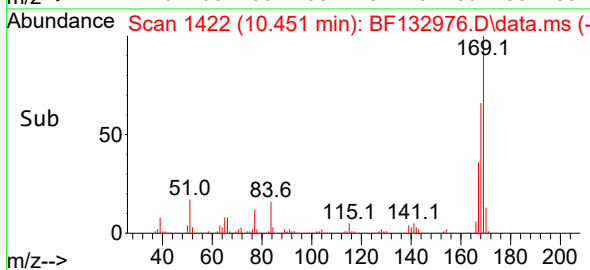
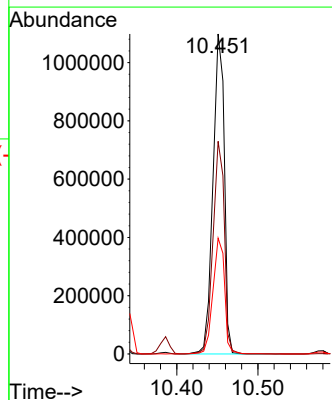
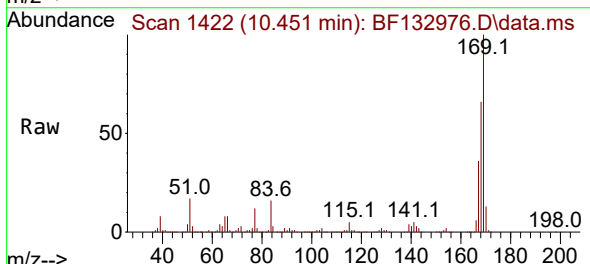
Instrument :
BNA_F
ClientSampleId :
PB152302BSD

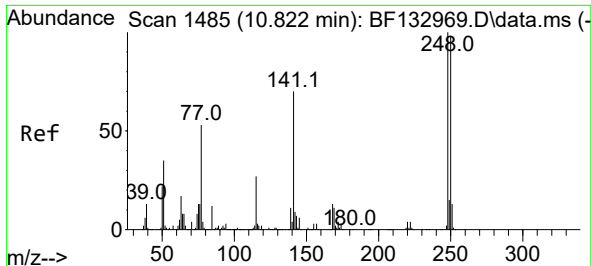
Tgt Ion:198 Resp: 237937
Ion Ratio Lower Upper
198 100
51 51.6 15.5 55.5
105 45.6 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 42.599 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

Tgt Ion:169 Resp: 1058042
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.8
167 36.2 29.7 44.5

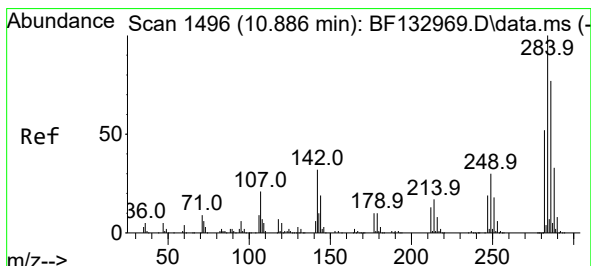
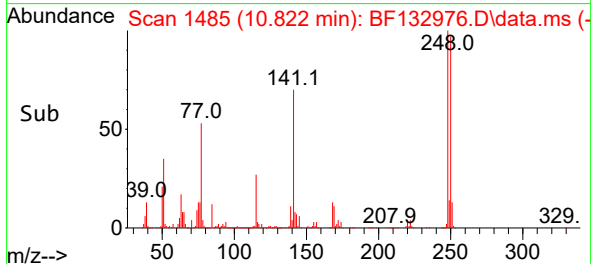
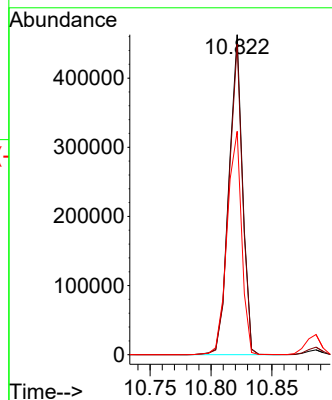
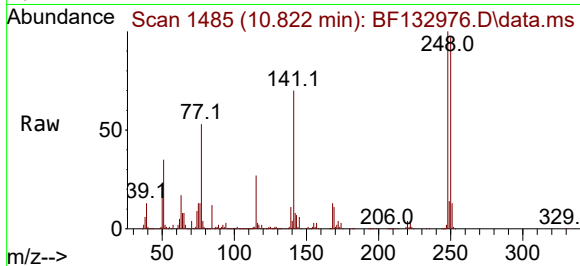




#67
4-Bromophenyl-phenylether
Concen: 43.517 ng
RT: 10.822 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

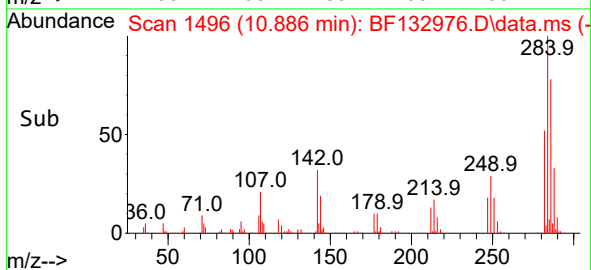
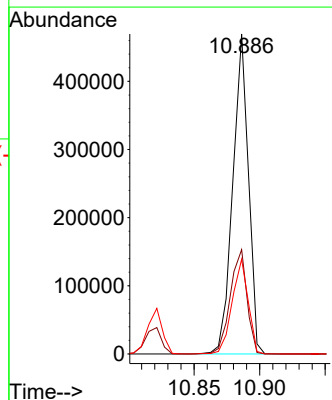
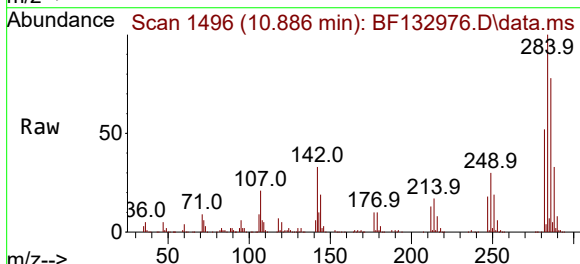
Instrument :
BNA_F
ClientSampleId :
PB152302BSD

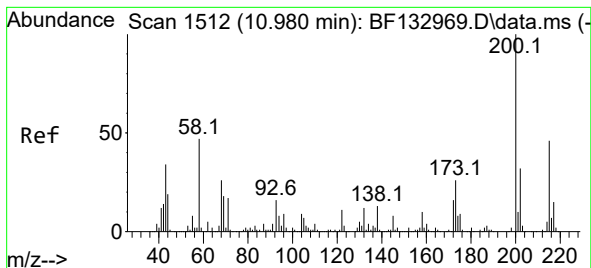
Tgt Ion:248 Resp: 361384
Ion Ratio Lower Upper
248 100
250 97.0 78.7 118.1
141 69.8 56.3 84.5



#68
Hexachlorobenzene
Concen: 45.737 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

Tgt Ion:284 Resp: 389192
Ion Ratio Lower Upper
284 100
142 32.6 26.0 39.0
249 29.6 23.7 35.5





#69

Atrazine

Concen: 51.397 ng

RT: 10.980 min Scan# 1512

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB152302BSD

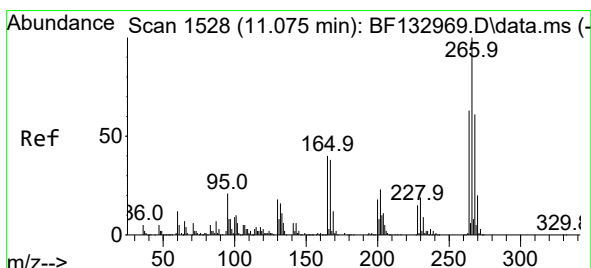
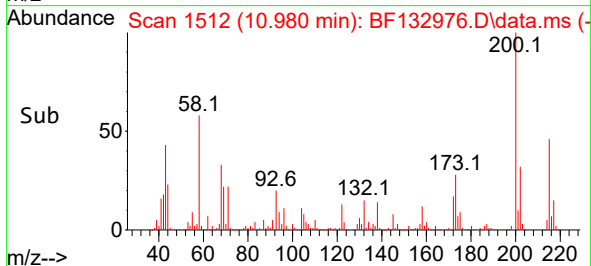
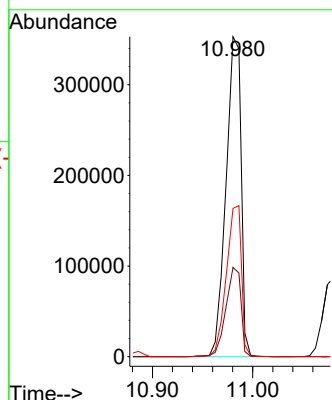
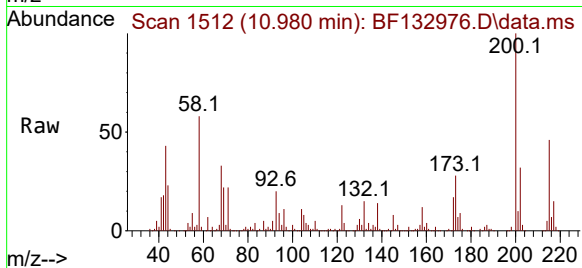
Tgt Ion:200 Resp: 367835

Ion Ratio Lower Upper

200 100

173 27.9 6.2 46.2

215 46.3 26.3 66.3



#70

Pentachlorophenol

Concen: 81.159 ng

RT: 11.080 min Scan# 1529

Delta R.T. 0.006 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

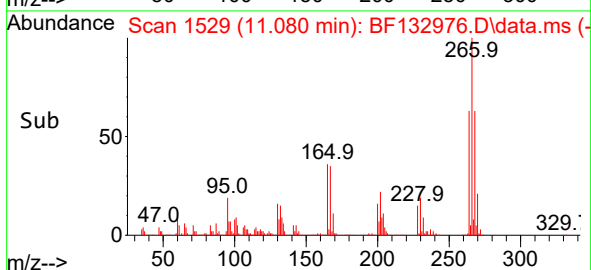
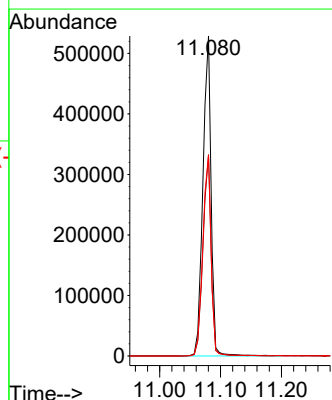
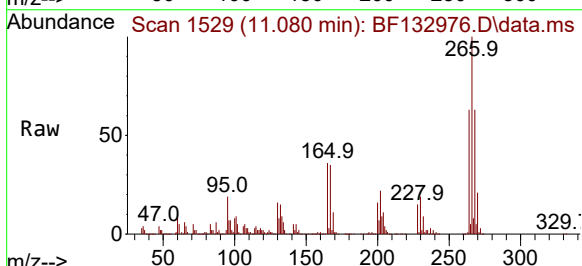
Tgt Ion:266 Resp: 491854

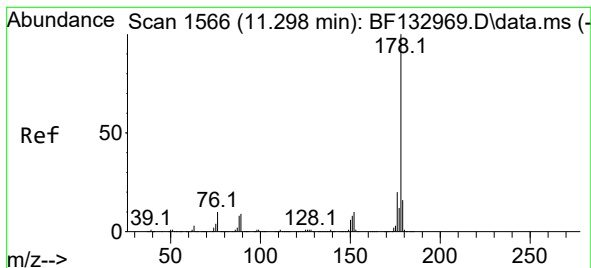
Ion Ratio Lower Upper

266 100

268 62.9 48.8 73.2

264 62.8 50.6 76.0





#71

Phenanthrene

Concen: 41.659 ng

RT: 11.298 min Scan# 1566

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB152302BSD

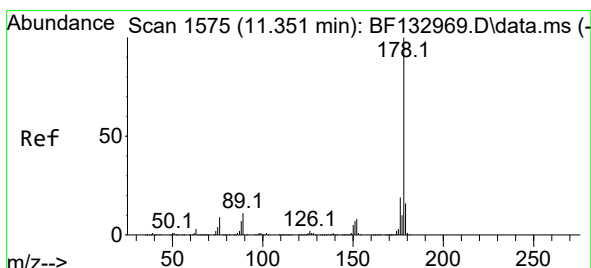
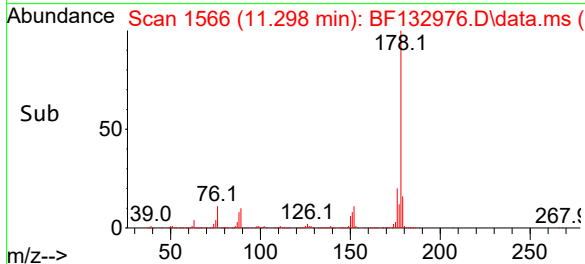
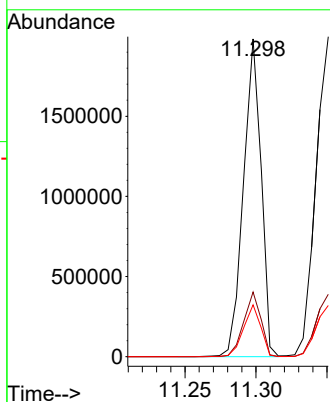
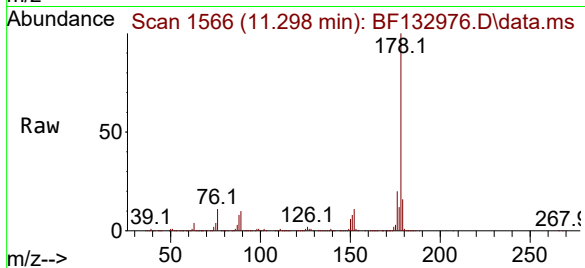
Tgt Ion:178 Resp: 1714419

Ion Ratio Lower Upper

178 100

176 20.3 15.9 23.9

179 16.3 12.5 18.7



#72

Anthracene

Concen: 42.267 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

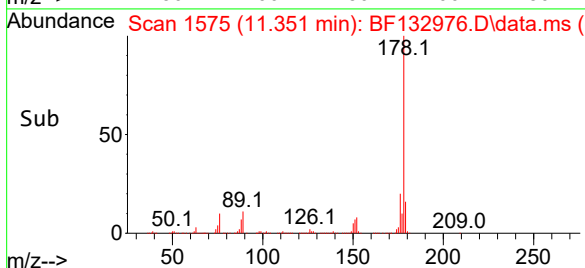
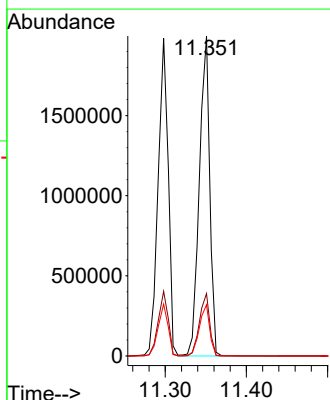
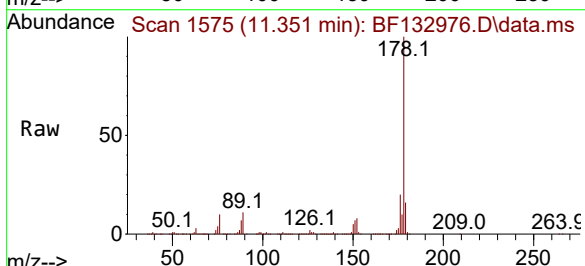
Tgt Ion:178 Resp: 1780121

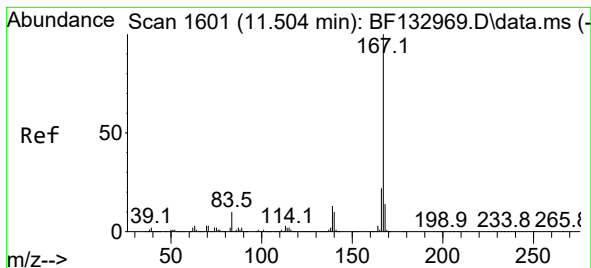
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 16.0 12.4 18.6





#73

Carbazole

Concen: 43.244 ng

RT: 11.504 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB152302BSD

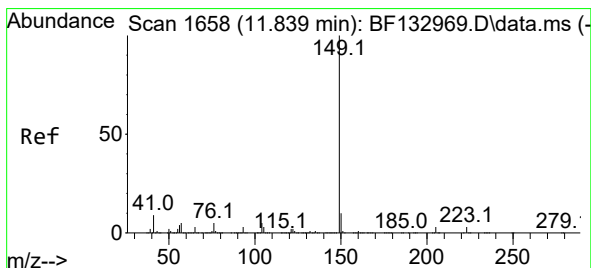
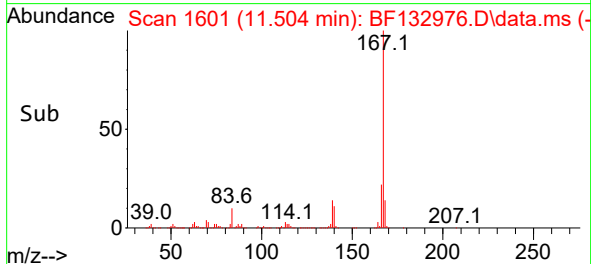
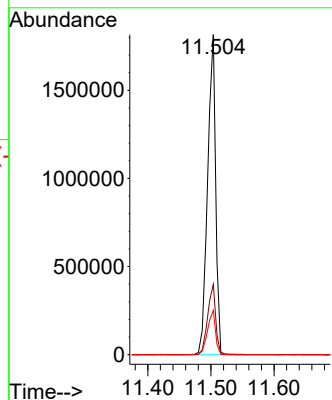
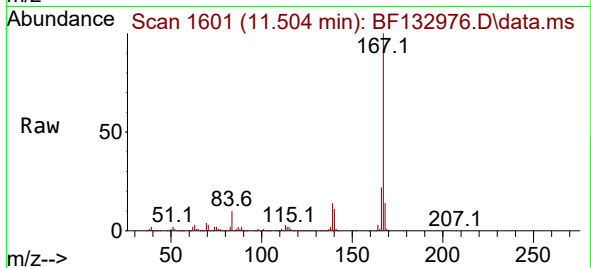
Tgt Ion:167 Resp: 1621720

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

139 13.8 10.6 16.0



#74

Di-n-butylphthalate

Concen: 45.833 ng

RT: 11.839 min Scan# 1658

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

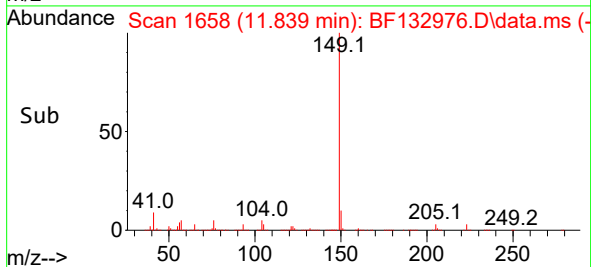
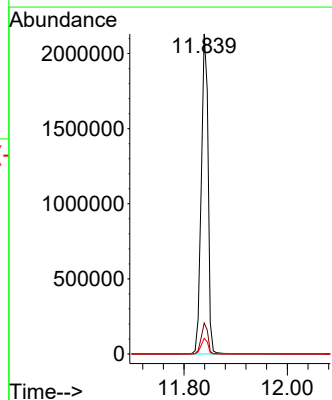
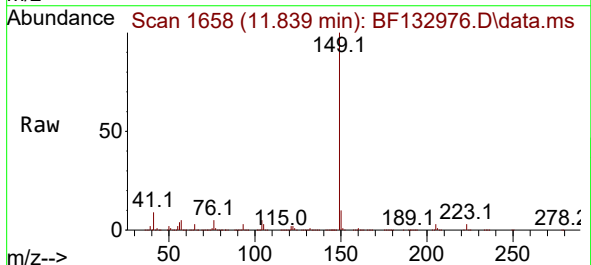
Tgt Ion:149 Resp: 1945112

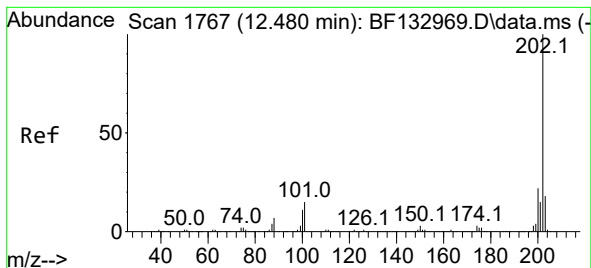
Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

104 4.9 4.0 6.0





#75

Fluoranthene

Concen: 43.083 ng

RT: 12.480 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB152302BSD

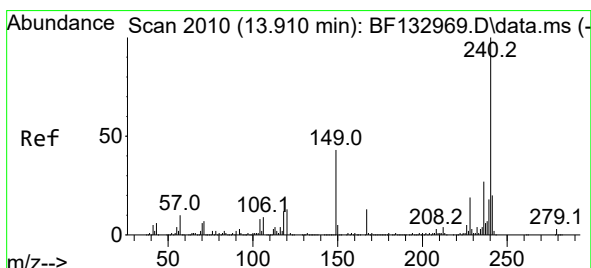
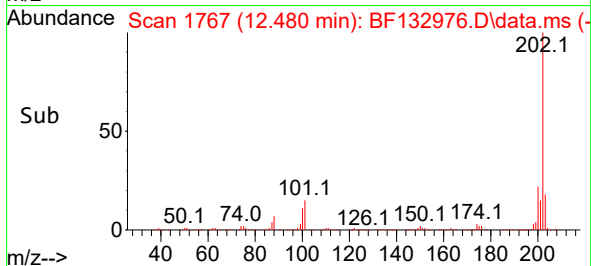
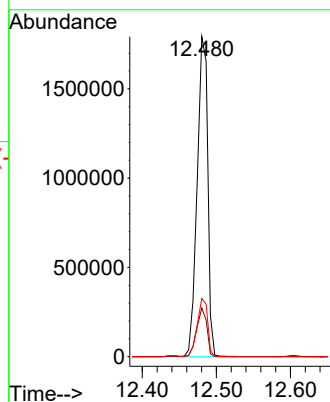
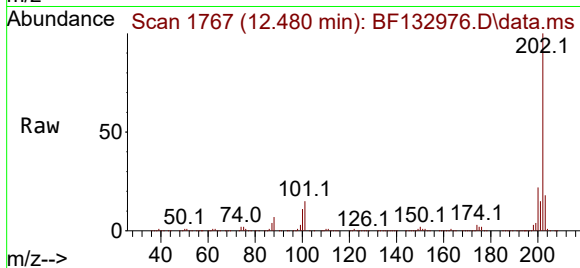
Tgt Ion:202 Resp: 1779426

Ion Ratio Lower Upper

202 100

101 15.2 0.0 35.3

203 18.2 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.910 min Scan# 2010

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

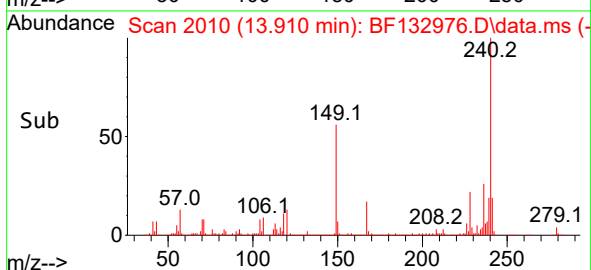
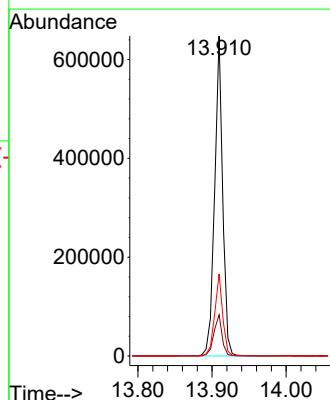
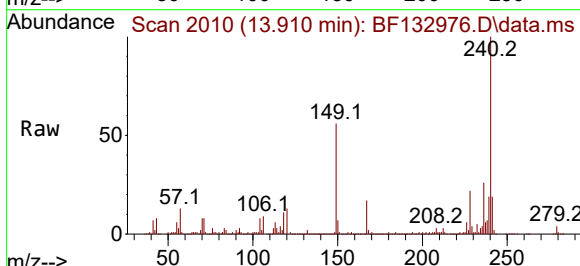
Tgt Ion:240 Resp: 487620

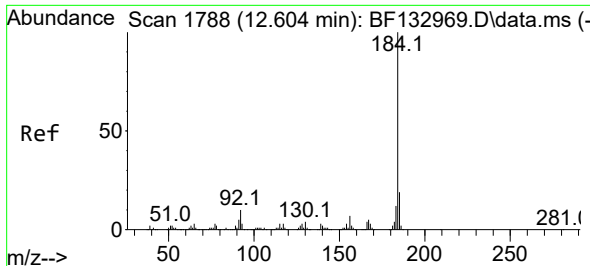
Ion Ratio Lower Upper

240 100

120 12.9 10.5 15.7

236 25.7 21.5 32.3

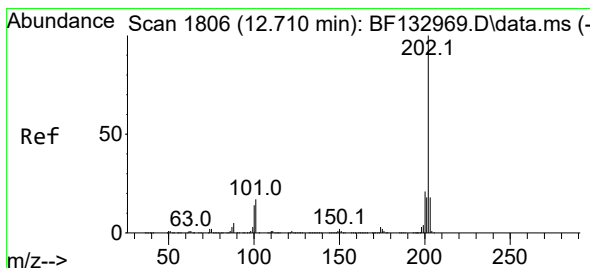
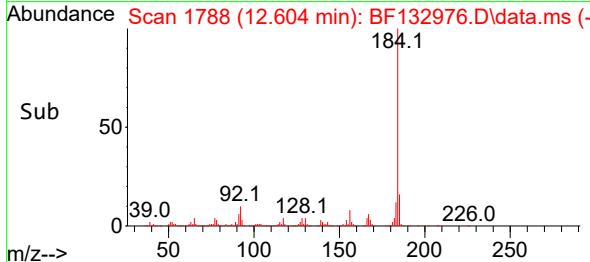
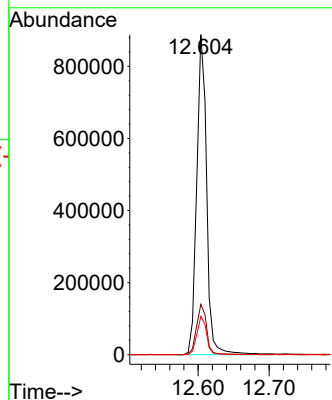
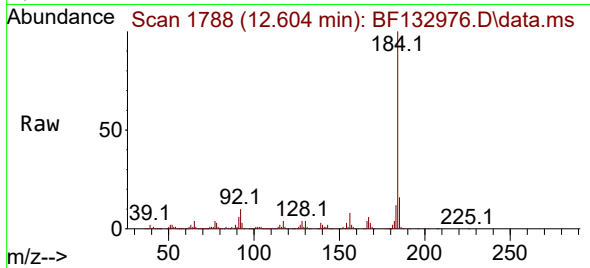




#77
Benzidine
Concen: 104.736 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

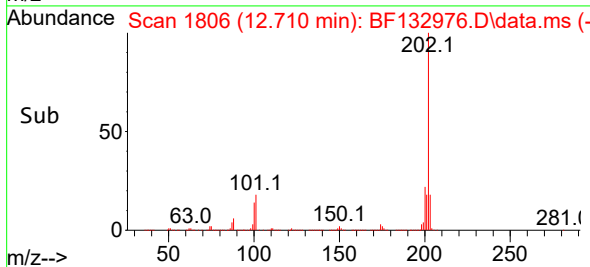
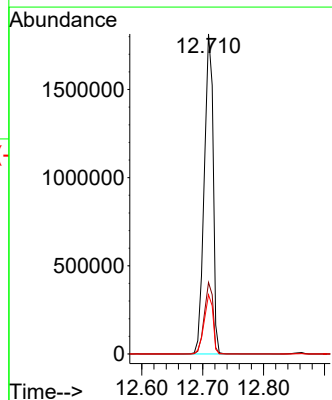
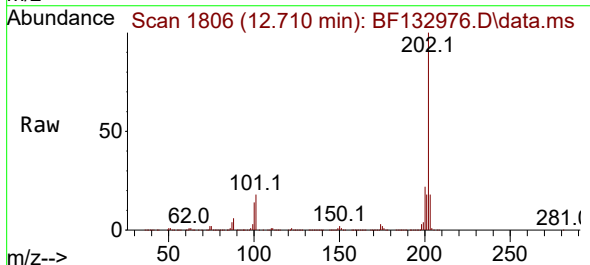
Instrument :
BNA_F
ClientSampleId :
PB152302BSD

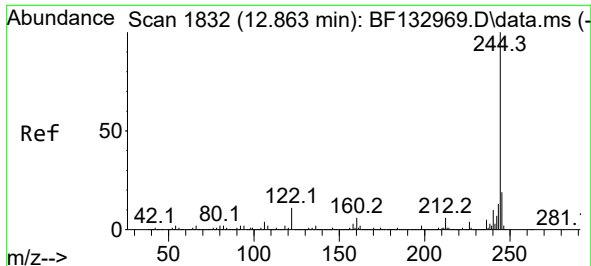
Tgt Ion:184 Resp: 863641
Ion Ratio Lower Upper
184 100
185 15.7 15.4 23.2
183 12.0 9.4 14.0



#78
Pyrene
Concen: 43.978 ng
RT: 12.710 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

Tgt Ion:202 Resp: 1838298
Ion Ratio Lower Upper
202 100
200 22.4 17.1 25.7
203 18.5 14.1 21.1

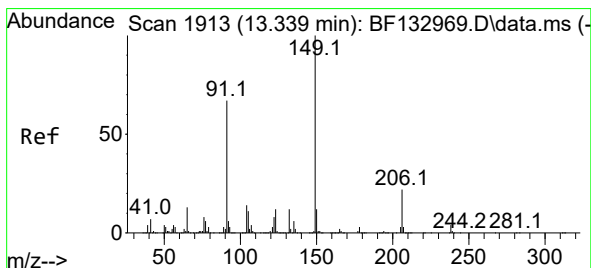
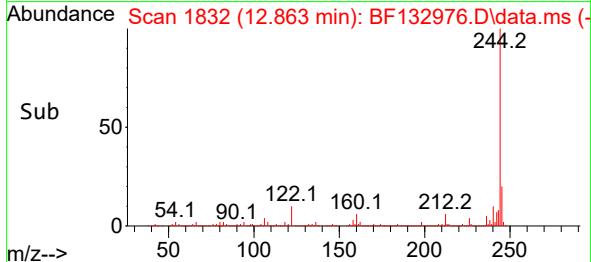
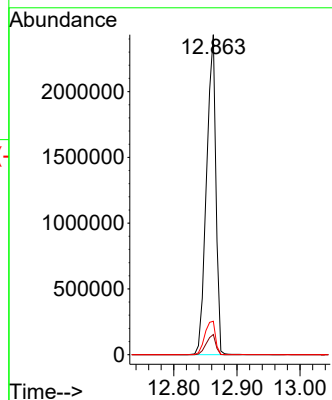
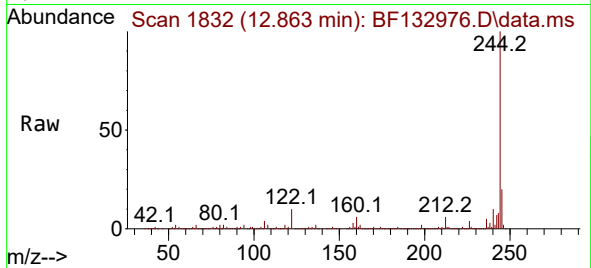




#79
 Terphenyl-d14
 Concen: 88.716 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. -0.000 min
 Lab File: BF132976.D
 Acq: 21 Apr 2023 18:59

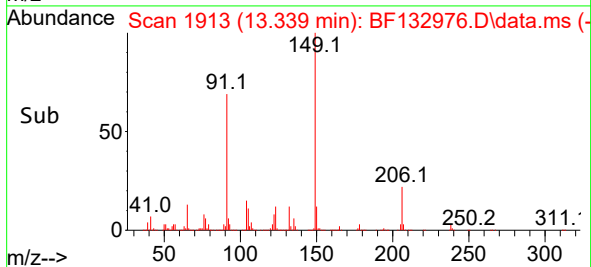
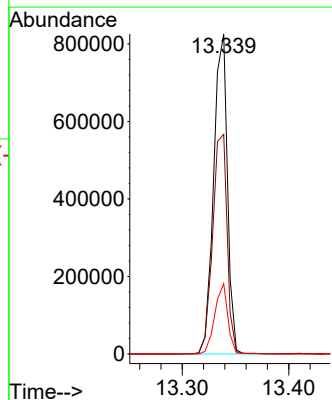
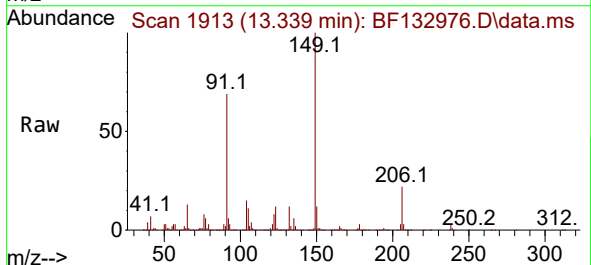
Instrument :
 BNA_F
 ClientSampleId :
 PB152302BSD

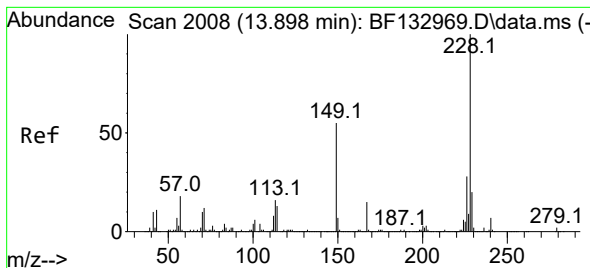
Tgt Ion:244 Resp: 2508280
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 10.4 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 50.045 ng
 RT: 13.339 min Scan# 1913
 Delta R.T. -0.000 min
 Lab File: BF132976.D
 Acq: 21 Apr 2023 18:59

Tgt Ion:149 Resp: 740686
 Ion Ratio Lower Upper
 149 100
 91 68.7 53.8 80.6
 206 22.0 17.5 26.3





#81

Benzo(a)anthracene

Concen: 43.801 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB152302BSD

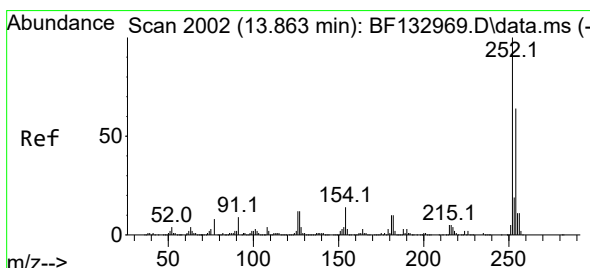
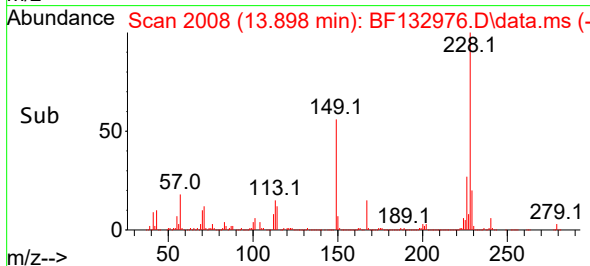
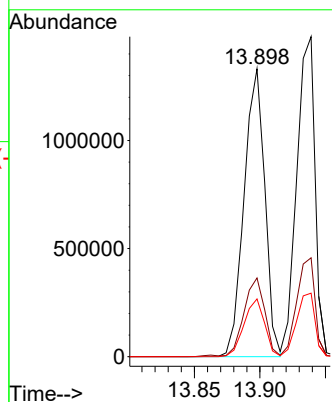
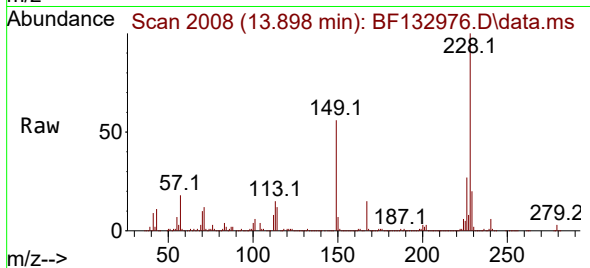
Tgt Ion:228 Resp: 1468742

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.4

229 20.0 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 40.185 ng

RT: 13.862 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

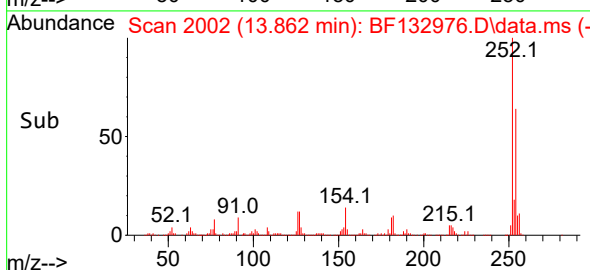
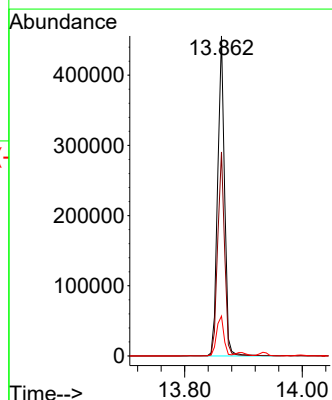
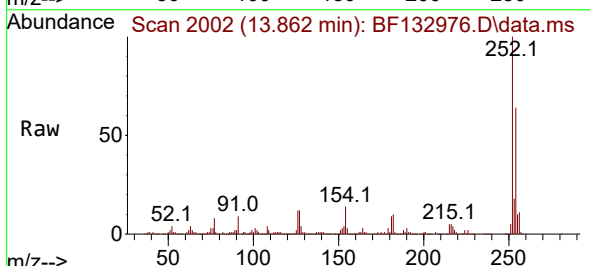
Tgt Ion:252 Resp: 372242

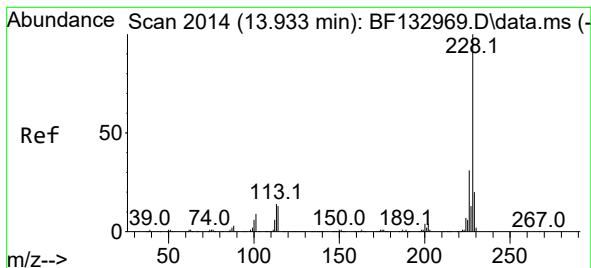
Ion Ratio Lower Upper

252 100

254 63.8 51.5 77.3

126 12.4 9.5 14.3





#83

Chrysene

Concen: 43.070 ng

RT: 13.939 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB152302BSD

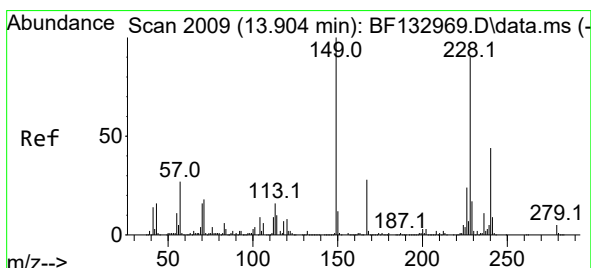
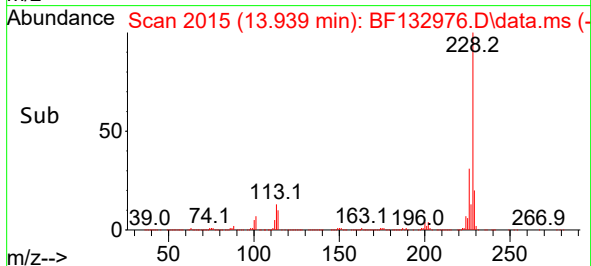
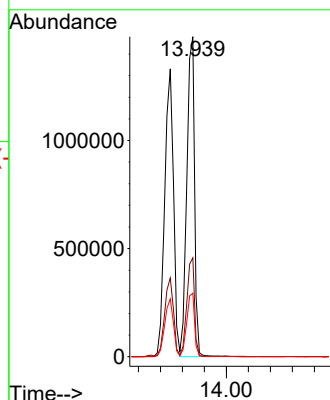
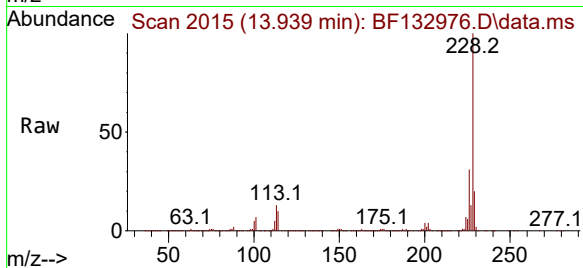
Tgt Ion:228 Resp: 1443879

Ion Ratio Lower Upper

228 100

226 30.9 24.7 37.1

229 19.9 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.570 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

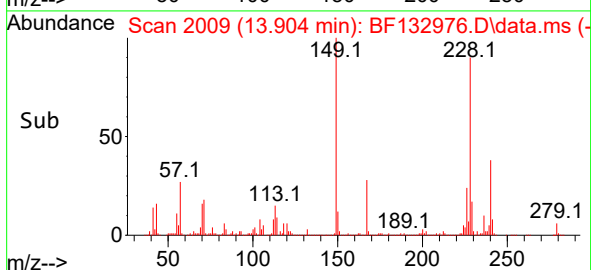
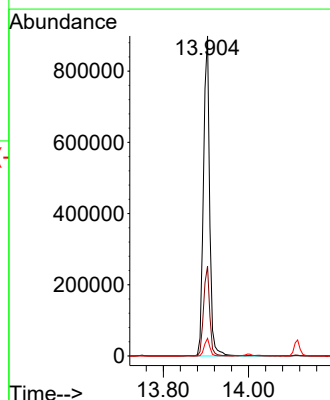
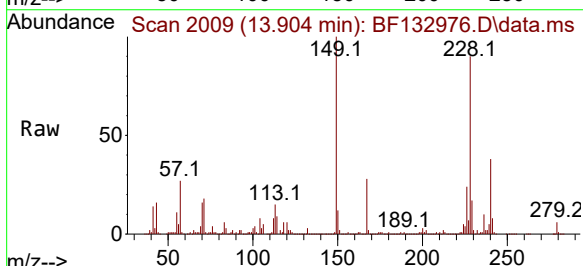
Tgt Ion:149 Resp: 902289

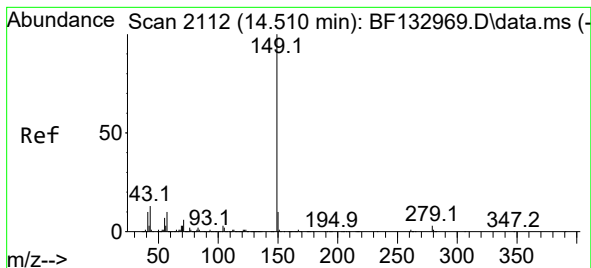
Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

279 5.5 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 57.104 ng

RT: 14.509 min Scan# 2112

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

Instrument :

BNA_F

ClientSampleId :

PB152302BSD

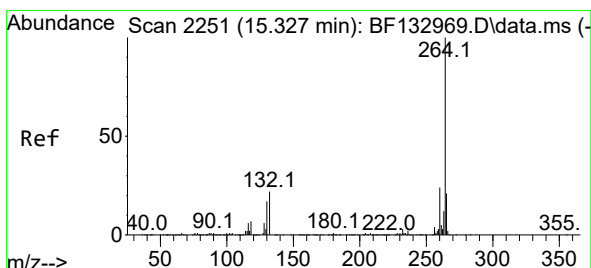
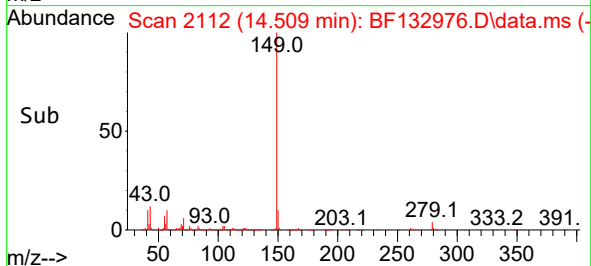
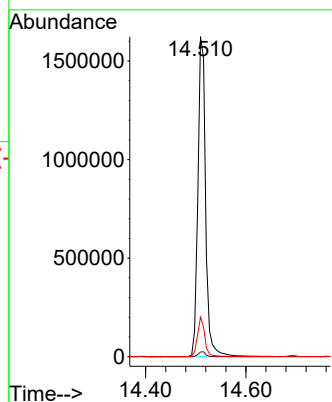
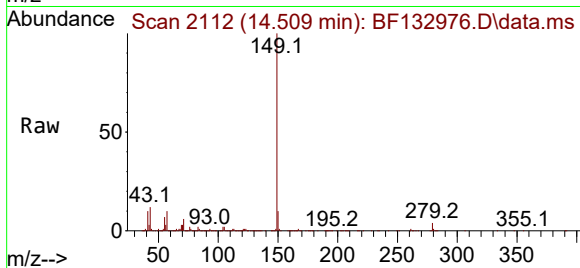
Tgt Ion:149 Resp: 1729740

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.7 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.327 min Scan# 2251

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

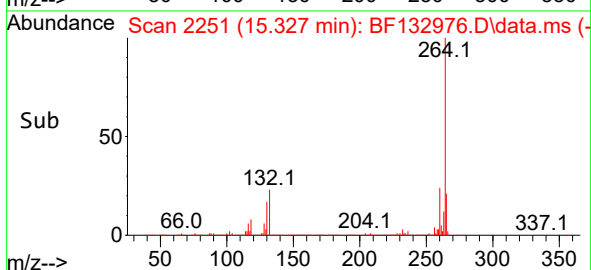
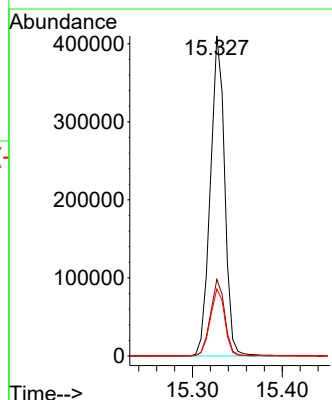
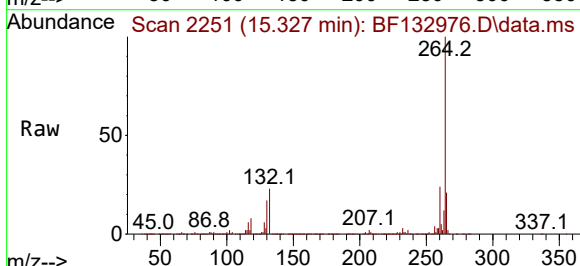
Tgt Ion:264 Resp: 454283

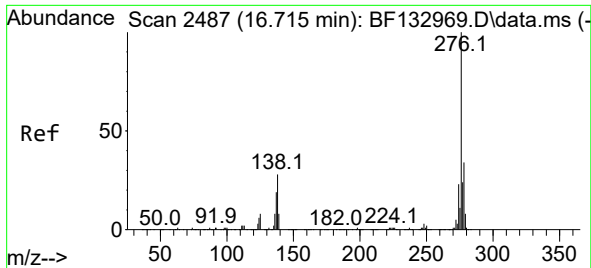
Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 20.9 17.0 25.4

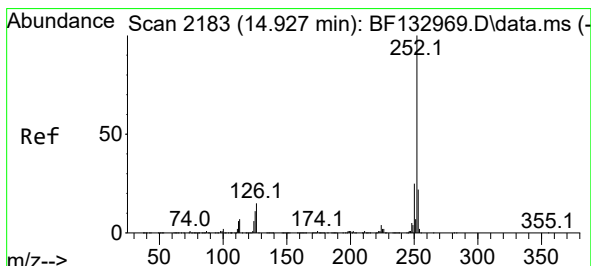
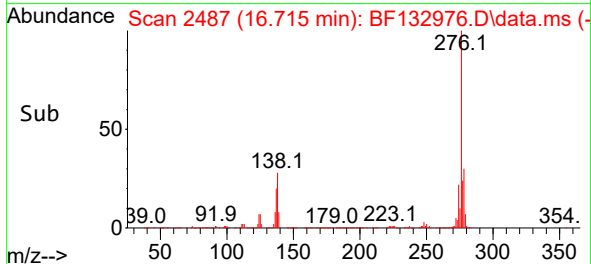
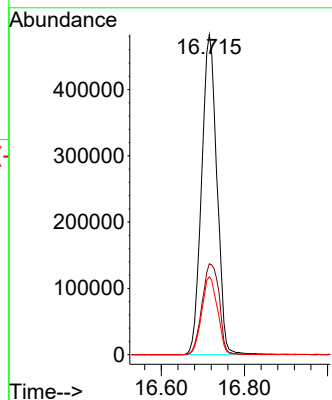
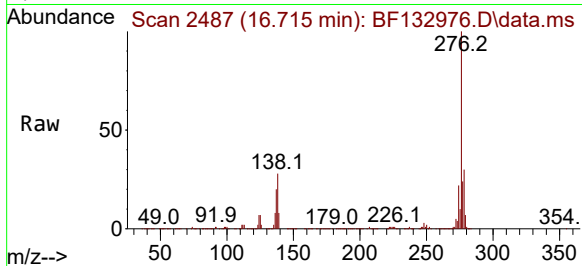




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.783 ng
 RT: 16.715 min Scan# 2487
 Delta R.T. -0.000 min
 Lab File: BF132976.D
 Acq: 21 Apr 2023 18:59

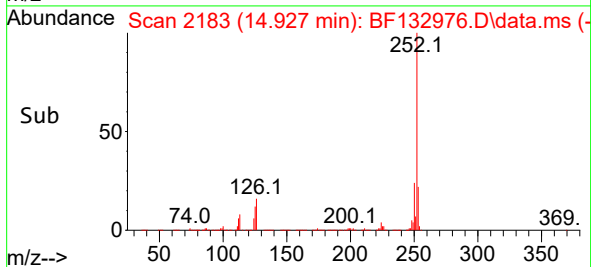
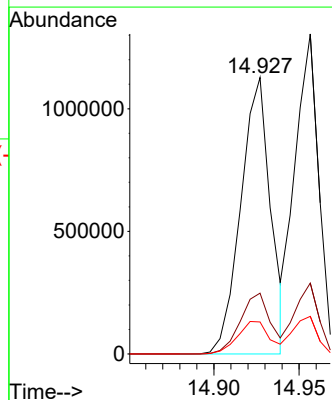
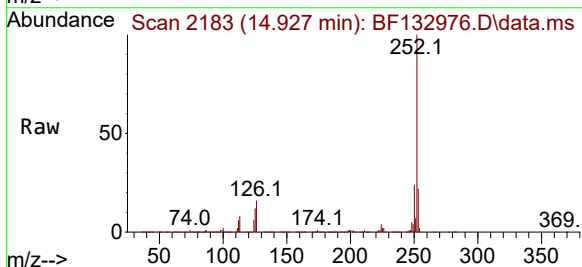
Instrument :
 BNA_F
 ClientSampleId :
 PB152302BSD

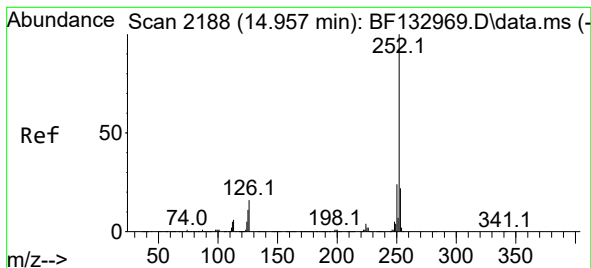
Tgt Ion:276 Resp: 1234735
 Ion Ratio Lower Upper
 276 100
 138 31.8 25.5 38.3
 277 25.2 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 47.550 ng
 RT: 14.927 min Scan# 2183
 Delta R.T. -0.000 min
 Lab File: BF132976.D
 Acq: 21 Apr 2023 18:59

Tgt Ion:252 Resp: 1374255
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.6 26.4
 125 11.6 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 44.611 ng

RT: 14.957 min Scan# 2188

Delta R.T. -0.000 min

Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

Instrument :

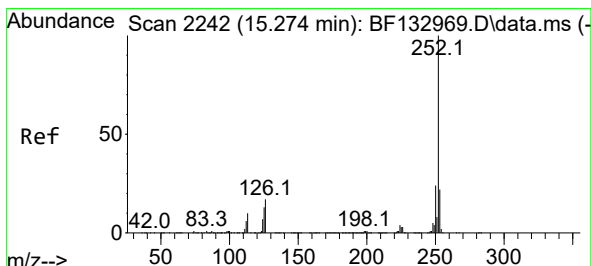
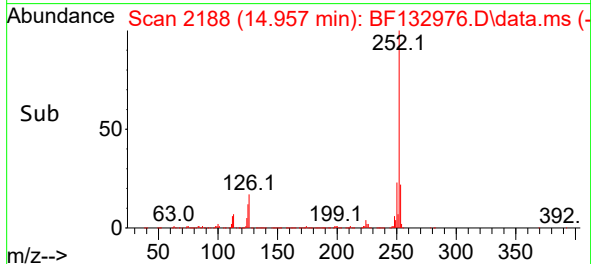
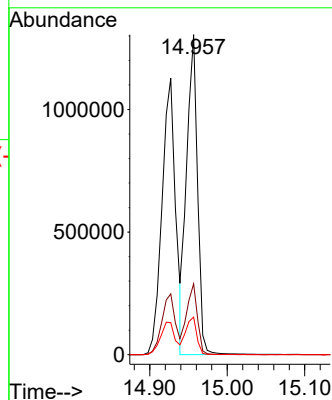
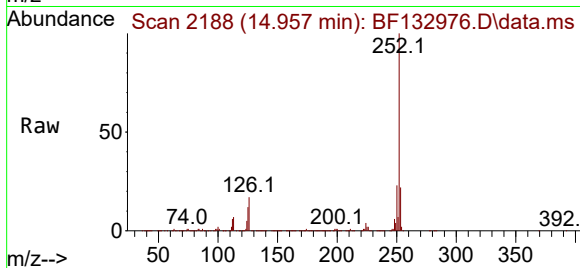
BNA_F

ClientSampleId :

PB152302BSD

Tgt Ion:252 Resp: 1278060

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	11.8	9.0	13.4



#90

Benzo(a)pyrene

Concen: 42.436 ng

RT: 15.274 min Scan# 2242

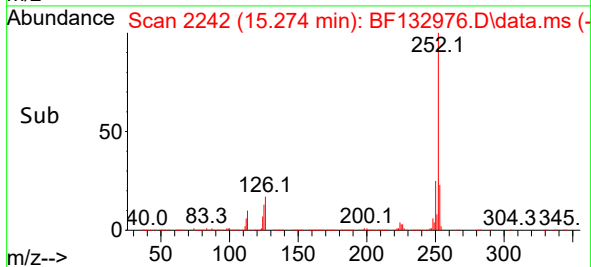
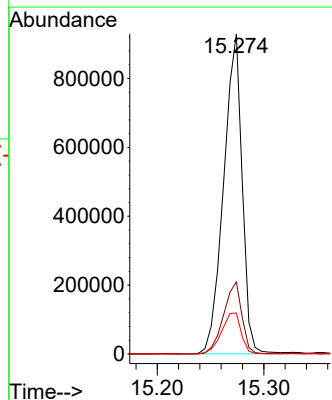
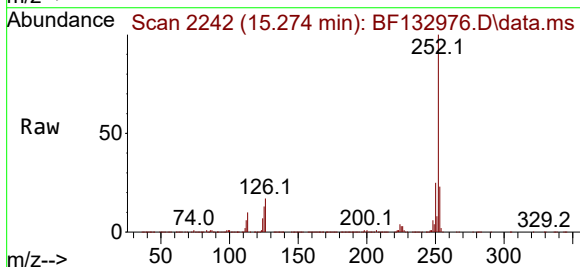
Delta R.T. -0.000 min

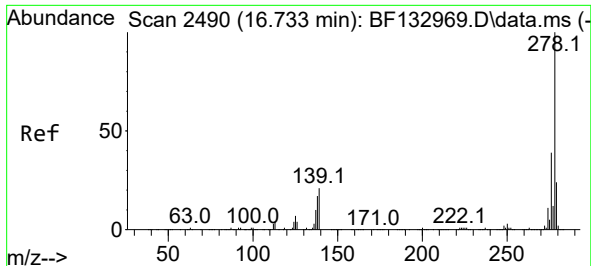
Lab File: BF132976.D

Acq: 21 Apr 2023 18:59

Tgt Ion:252 Resp: 1116313

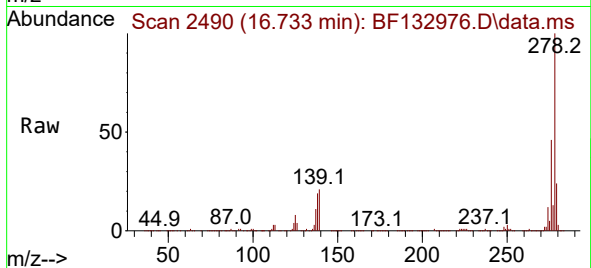
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	12.8	10.5	15.7



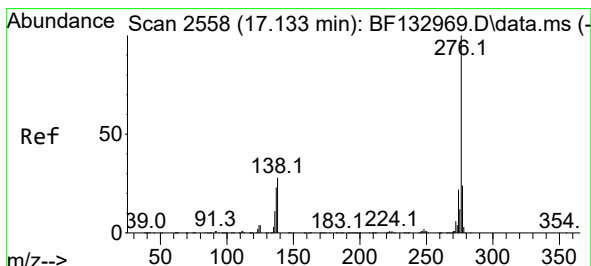
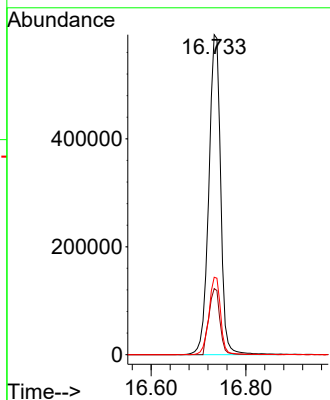
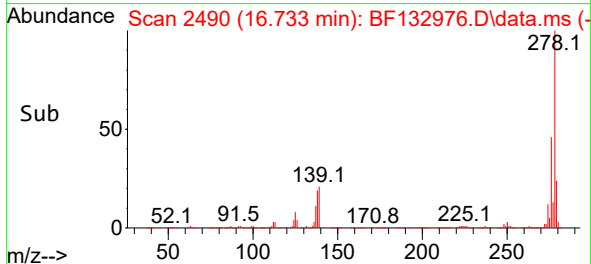


#91
Dibenzo(a,h)anthracene
Concen: 47.801 ng
RT: 16.733 min Scan# 2490
Delta R.T. -0.000 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59

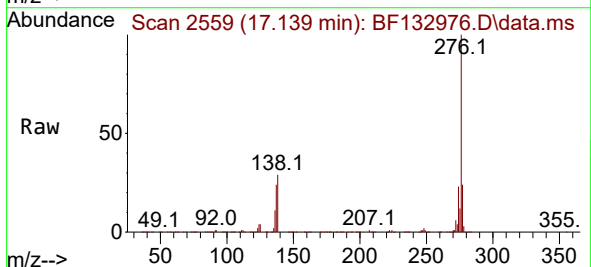
Instrument :
BNA_F
ClientSampleId :
PB152302BSD



Tgt Ion:278 Resp: 1030222
Ion Ratio Lower Upper
278 100
139 20.7 16.6 24.8
279 24.2 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 47.435 ng
RT: 17.139 min Scan# 2559
Delta R.T. 0.006 min
Lab File: BF132976.D
Acq: 21 Apr 2023 18:59



Tgt Ion:276 Resp: 1009300
Ion Ratio Lower Upper
276 100
277 24.3 19.4 29.0
138 29.4 22.7 34.1

