

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082024\
 Data File : BF139082.D
 Acq On : 20 Aug 2024 19:10
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Aug 21 00:40:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 00:32:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.899	152	116386	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	419218	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	240364	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	434981	20.000	ng	0.00
76) Chrysene-d12	14.057	240	276906	20.000	ng	0.00
86) Perylene-d12	15.533	264	215524	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	570519	75.669	ng	0.00
7) Phenol-d6	6.522	99	750326	74.123	ng	0.00
23) Nitrobenzene-d5	7.463	82	603508	70.384	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	182810	92.849	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1160846	72.564	ng	0.00
79) Terphenyl-d14	13.010	244	1342629	81.180	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	128717	38.995	ng	100
3) Pyridine	3.440	79	316890	39.630	ng	100
4) n-Nitrosodimethylamine	3.399	42	184710	38.785	ng	100
6) Aniline	6.557	93	351788	38.968	ng	100
8) 2-Chlorophenol	6.681	128	277899	35.033	ng	100
9) Benzaldehyde	6.446	77	214301	35.316	ng	100
10) Phenol	6.534	94	397897	37.333	ng	100
11) bis(2-Chloroethyl)ether	6.634	93	293529	35.789	ng	100
12) 1,3-Dichlorobenzene	6.840	146	333826	37.595	ng	100
13) 1,4-Dichlorobenzene	6.916	146	335105	37.396	ng	100
14) 1,2-Dichlorobenzene	7.069	146	312202	37.279	ng	100
15) Benzyl Alcohol	7.034	79	297924	40.834	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	430526	30.502	ng	100
17) 2-Methylphenol	7.146	107	239599	36.578	ng	100
18) Hexachloroethane	7.410	117	117917	34.958	ng	100
19) n-Nitroso-di-n-propyla...	7.310	70	233952	38.265	ng	100
20) 3+4-Methylphenols	7.298	107	313893	37.349	ng	100
22) Acetophenone	7.310	105	422626	41.173	ng	100
24) Nitrobenzene	7.481	77	331465	37.990	ng	100
25) Isophorone	7.716	82	601123	41.057	ng	100
26) 2-Nitrophenol	7.793	139	98825	26.326	ng	100
27) 2,4-Dimethylphenol	7.828	122	186706	41.570	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	343887	38.569	ng	100
29) 2,4-Dichlorophenol	8.034	162	240567	41.683	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	277308	41.636	ng	100
31) Naphthalene	8.204	128	835988	37.885	ng	100
32) Benzoic acid	7.940	122	139727	39.577	ng	100
33) 4-Chloroaniline	8.251	127	290750	39.253	ng	100
34) Hexachlorobutadiene	8.322	225	180774	44.812	ng	100
35) Caprolactam	8.622	113	77758	45.153	ng	100
36) 4-Chloro-3-methylphenol	8.722	107	267245	40.518	ng	100
37) 2-Methylnaphthalene	8.893	142	527747	37.869	ng	100
38) 1-Methylnaphthalene	8.992	142	514197	37.653	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	269439	40.353	ng	100
41) Hexachlorocyclopentadiene	9.045	237	102806	71.022	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	171113	42.032	ng	100

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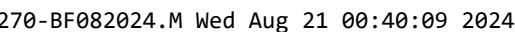
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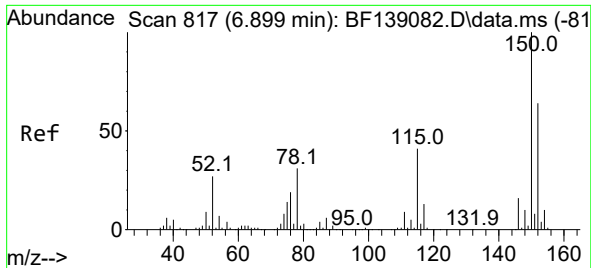
Quant Time: Aug 21 00:40:04 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	185362	41.649	ng	100
46) 1,1'-Biphenyl	9.357	154	660652	35.094	ng	100
47) 2-Chloronaphthalene	9.381	162	522686	37.333	ng	100
48) 2-Nitroaniline	9.475	65	137098	28.885	ng	100
49) Acenaphthylene	9.798	152	762771	38.413	ng	100
50) Dimethylphthalate	9.657	163	594327	38.670	ng	100
51) 2,6-Dinitrotoluene	9.716	165	113541	32.735	ng	100
52) Acenaphthene	9.969	154	493605	36.979	ng	100
53) 3-Nitroaniline	9.887	138	115650	32.253	ng	100
54) 2,4-Dinitrophenol	9.987	184	34457	21.580	ng	100
55) Dibenzofuran	10.139	168	729666	38.724	ng	100
56) 4-Nitrophenol	10.034	139	93512	43.368	ng	100
57) 2,4-Dinitrotoluene	10.116	165	139133	31.440	ng	100
58) Fluorene	10.481	166	574597	38.294	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	150640	44.273	ng	100
60) Diethylphthalate	10.357	149	587596	40.322	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	283265	38.384	ng	100
62) 4-Nitroaniline	10.498	138	117372	34.445	ng	100
63) Azobenzene	10.639	77	641100	39.666	ng	100
65) 4,6-Dinitro-2-methylph...	10.522	198	55664	20.976	ng	100
66) n-Nitrosodiphenylamine	10.592	169	496856	36.543	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	179972	38.215	ng	100
68) Hexachlorobenzene	11.028	284	191471	39.376	ng	100
69) Atrazine	11.116	200	128290	36.571	ng	100
70) Pentachlorophenol	11.216	266	129718	59.184	ng	100
71) Phenanthrene	11.445	178	841782	37.583	ng	100
72) Anthracene	11.498	178	829107	37.575	ng	100
73) Carbazole	11.651	167	775601	40.742	ng	100
74) Di-n-butylphthalate	11.986	149	886730	41.435	ng	100
75) Fluoranthene	12.633	202	913112	43.669	ng	100
77) Benzidine	12.751	184	279676	42.227	ng	100
78) Pyrene	12.863	202	934909	35.859	ng	100
80) Butylbenzylphthalate	13.486	149	337836	40.465	ng	100
81) Benzo(a)anthracene	14.045	228	720739	37.798	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	193070	39.566	ng	100
83) Chrysene	14.086	228	638450	37.112	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	431238	35.274	ng	100
85) Di-n-octyl phthalate	14.663	149	570241	25.211	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	559590	36.231	ng	100
88) Benzo(b)fluoranthene	15.098	252	541644	40.541	ng	100
89) Benzo(k)fluoranthene	15.133	252	463624	40.079	ng	99
90) Benzo(a)pyrene	15.469	252	437250	38.908	ng	100
91) Dibenzo(a,h)anthracene	17.039	278	464705	36.653	ng	100
92) Benzo(g,h,i)perylene	17.463	276	476605	36.226	ng	100

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

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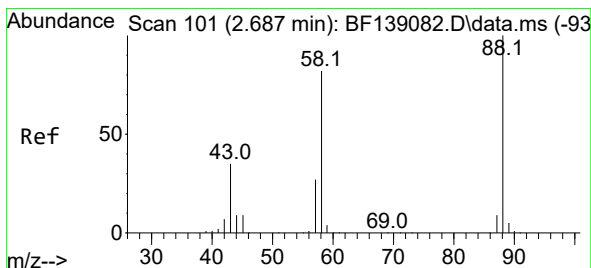
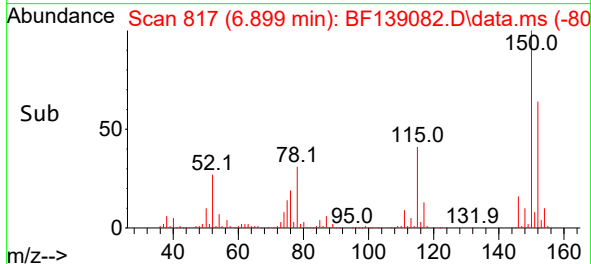
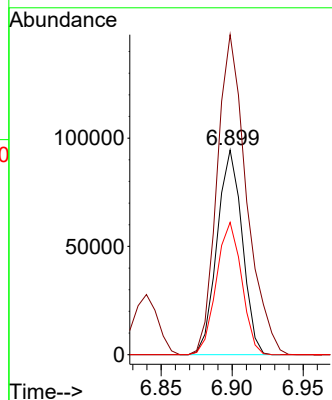
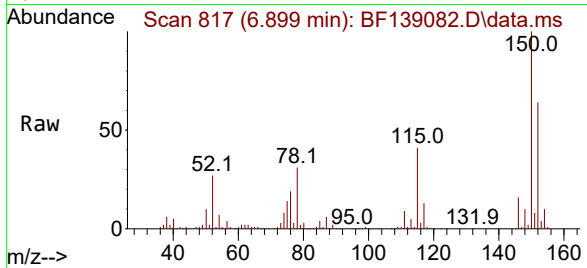




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.899 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

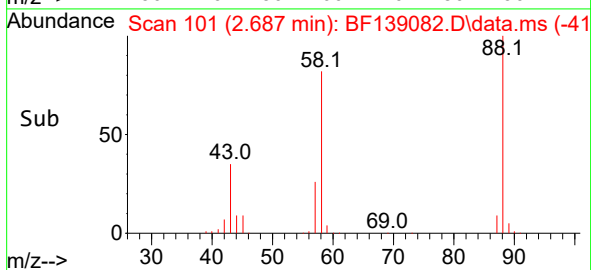
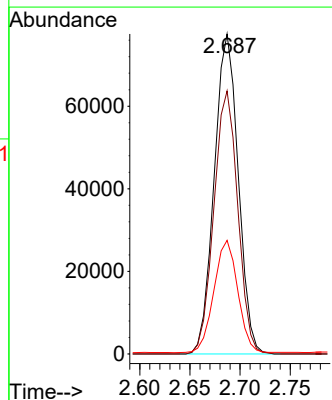
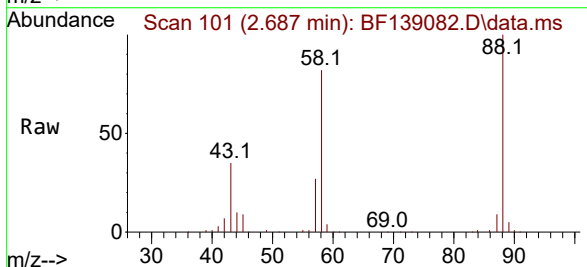
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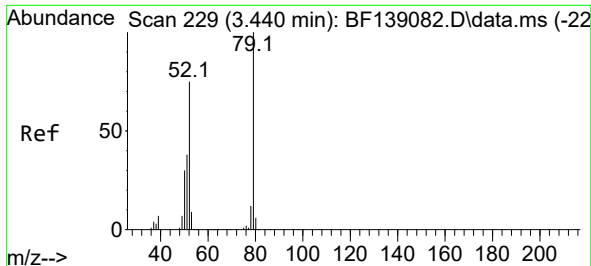
Tgt Ion:152 Resp: 116386
Ion Ratio Lower Upper
152 100
150 156.4 125.1 187.7
115 64.7 51.8 77.6



#2
1,4-Dioxane
Concen: 38.995 ng
RT: 2.687 min Scan# 101
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

Tgt Ion: 88 Resp: 128717
Ion Ratio Lower Upper
88 100
58 81.7 65.4 98.0
43 34.9 27.9 41.9





#3

Pyridine

Concen: 39.630 ng

RT: 3.440 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

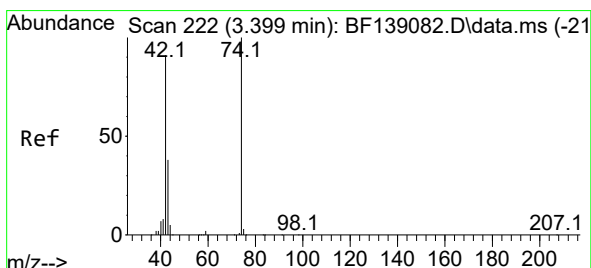
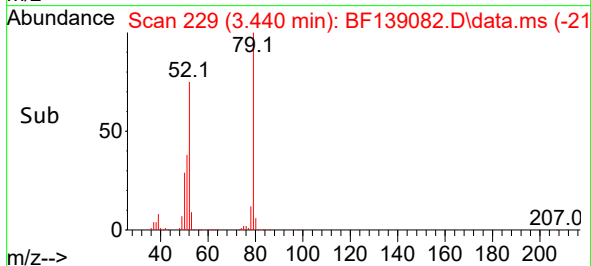
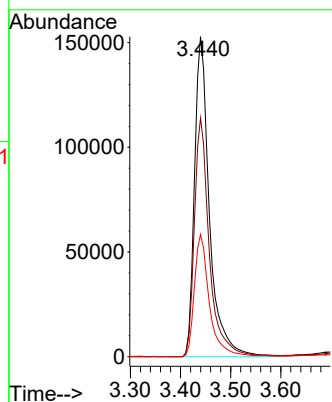
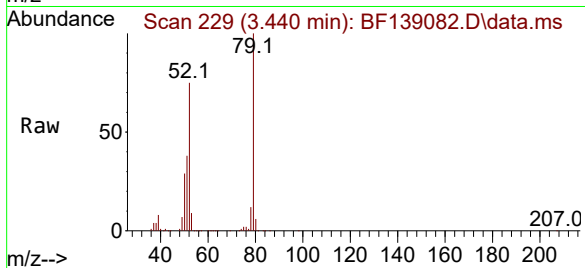
Tgt Ion: 79 Resp: 316890

Ion Ratio Lower Upper

79 100

52 74.6 59.7 89.5

51 38.2 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 38.785 ng

RT: 3.399 min Scan# 222

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

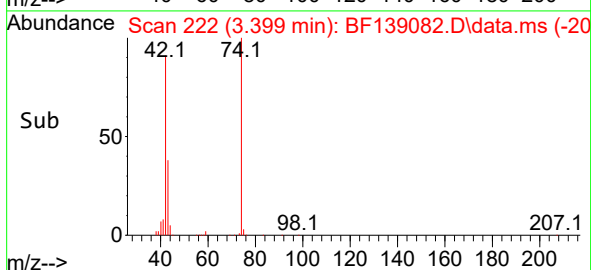
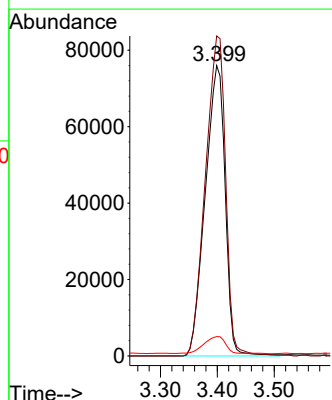
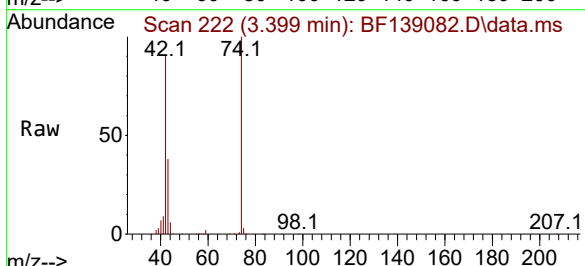
Tgt Ion: 42 Resp: 184710

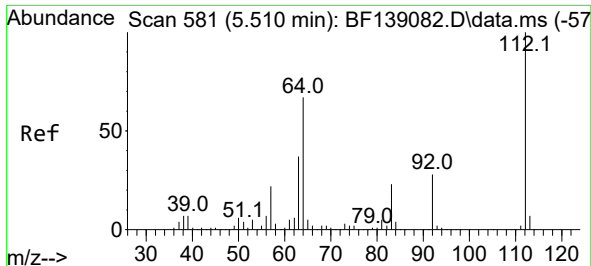
Ion Ratio Lower Upper

42 100

74 110.2 88.2 132.2

44 6.7 5.4 8.0

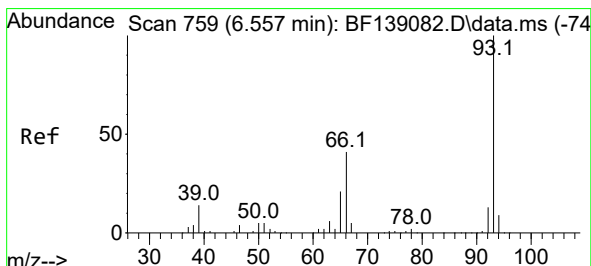
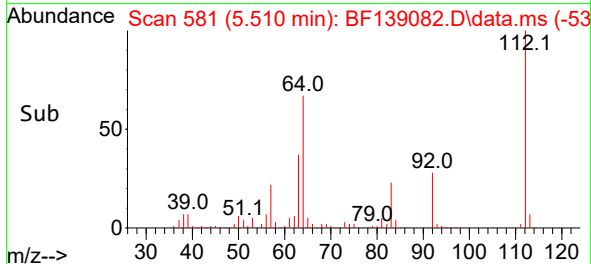
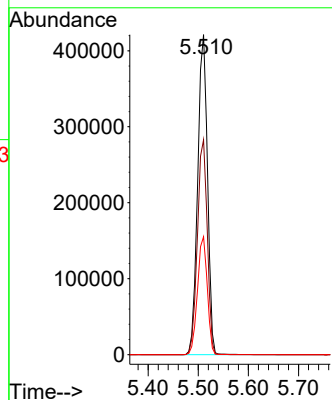
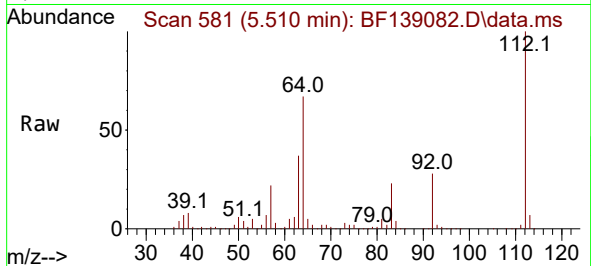




#5
2-Fluorophenol
Concen: 75.669 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

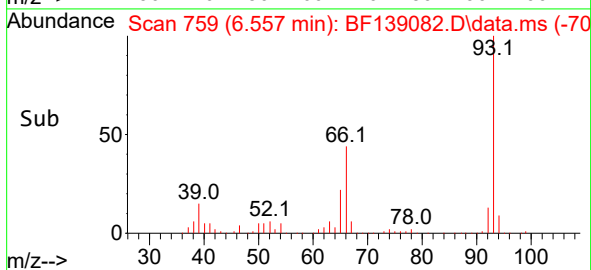
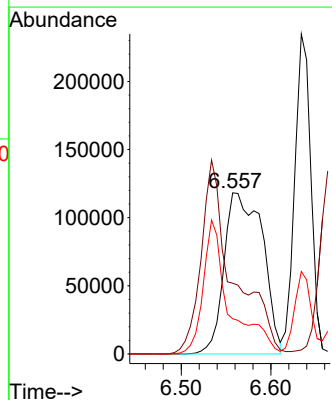
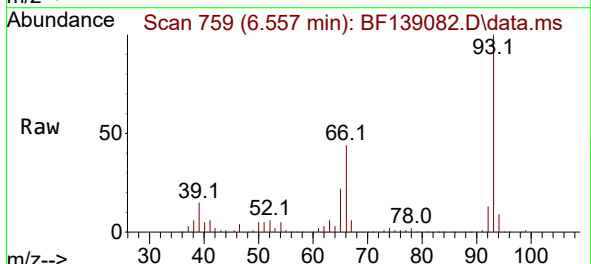
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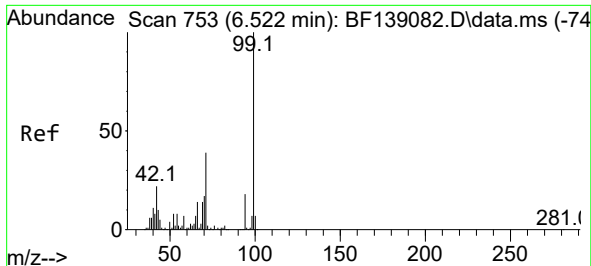
Tgt Ion:112 Resp: 570519
Ion Ratio Lower Upper
112 100
64 67.2 53.8 80.6
63 36.8 29.4 44.2



#6
Aniline
Concen: 38.968 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

Tgt Ion: 93 Resp: 351788
Ion Ratio Lower Upper
93 100
66 43.9 35.1 52.7
65 21.8 17.4 26.2





#7

Phenol-d6

Concen: 74.123 ng

RT: 6.522 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

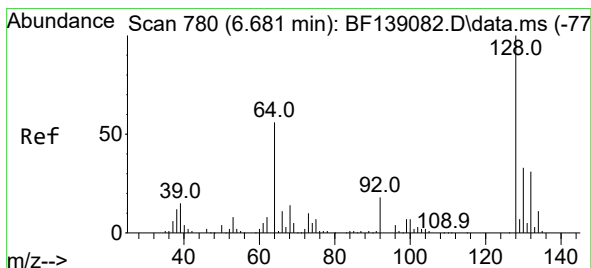
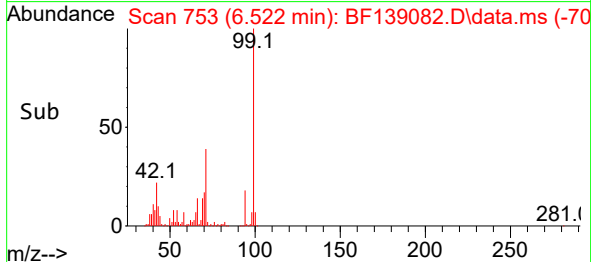
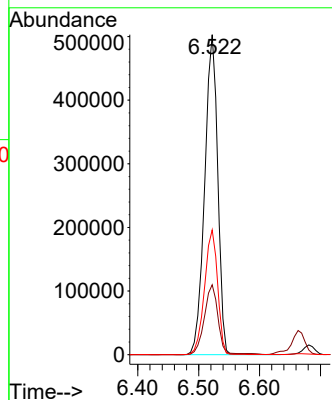
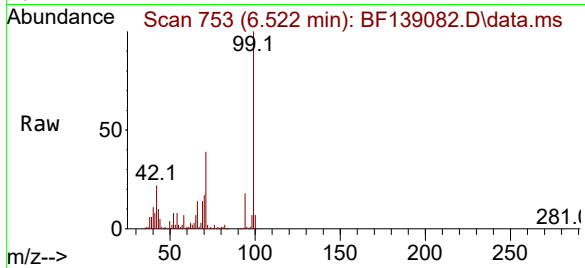
Tgt Ion: 99 Resp: 750326

Ion Ratio Lower Upper

99 100

42 21.8 17.4 26.2

71 39.0 31.2 46.8



#8

2-Chlorophenol

Concen: 35.033 ng

RT: 6.681 min Scan# 780

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

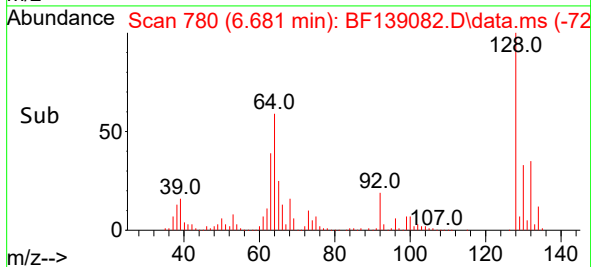
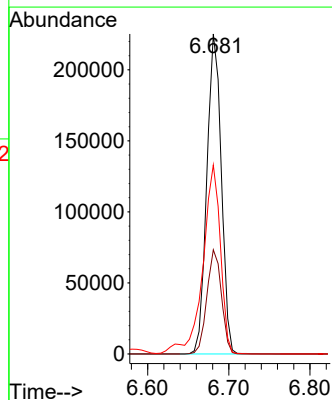
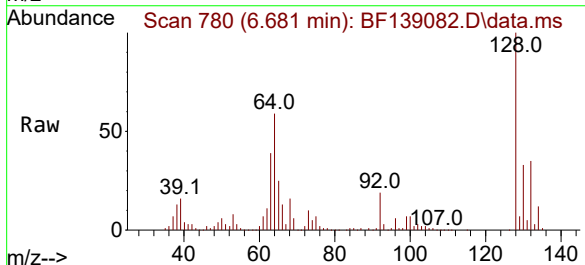
Tgt Ion: 128 Resp: 277899

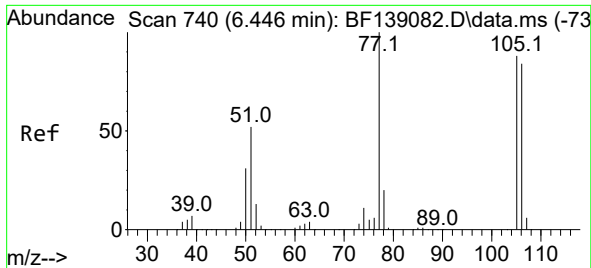
Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

64 59.1 39.1 79.1

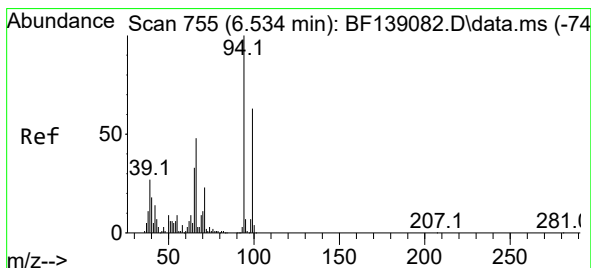
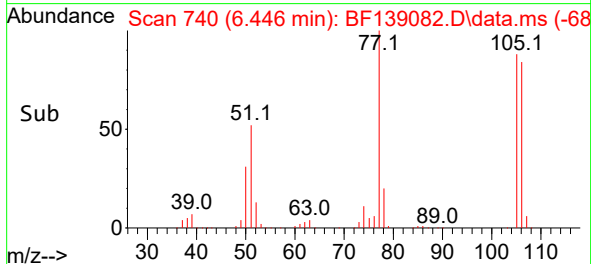
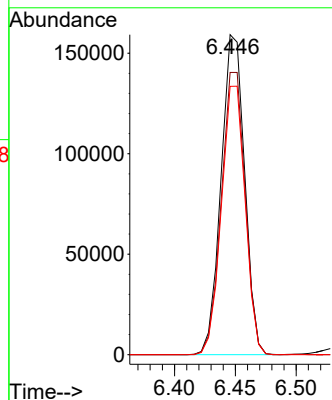
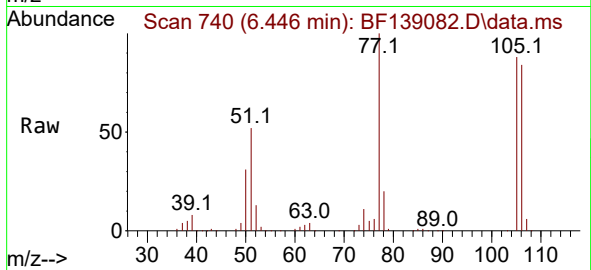




#9
Benzaldehyde
Concen: 35.316 ng
RT: 6.446 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

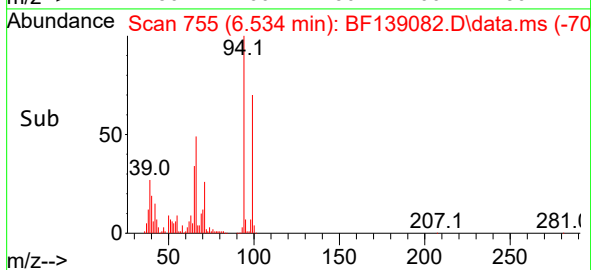
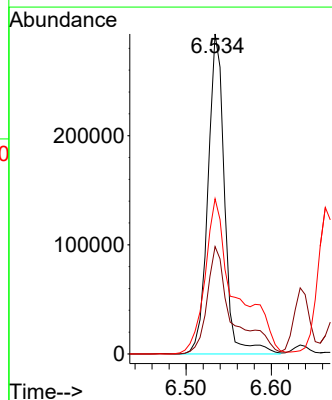
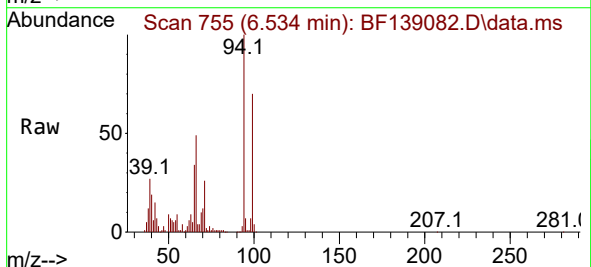
Instrument :
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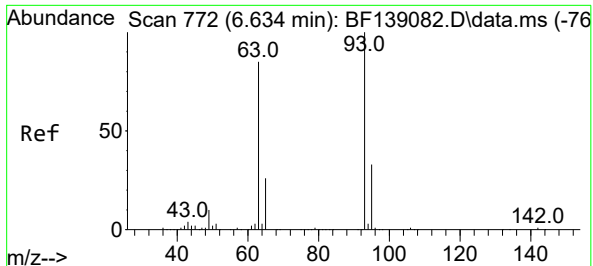
Tgt Ion: 77 Resp: 214301
Ion Ratio Lower Upper
77 100
105 88.2 68.2 108.2
106 83.8 63.8 103.8



#10
Phenol
Concen: 37.333 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF139082.D
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Tgt Ion: 94 Resp: 397897
Ion Ratio Lower Upper
94 100
65 33.5 13.5 53.5
66 48.5 28.5 68.5

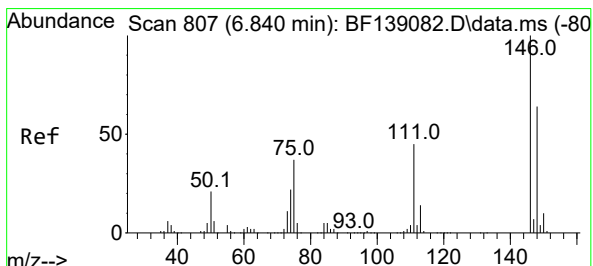
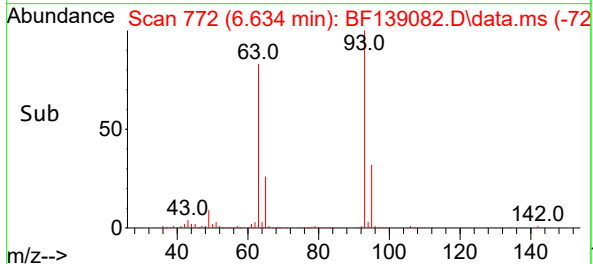
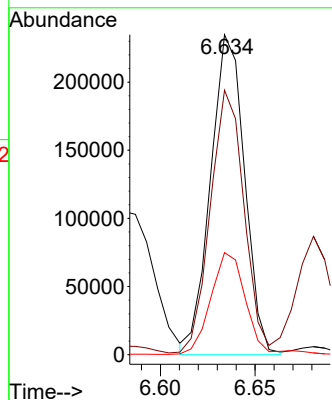
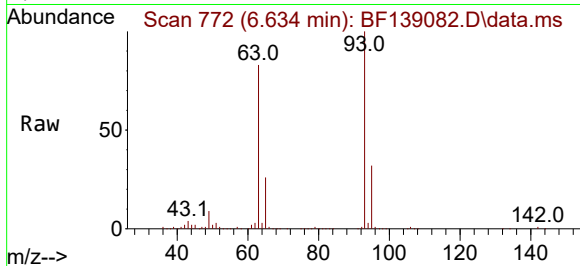




#11
bis(2-Chloroethyl)ether
Concen: 35.789 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

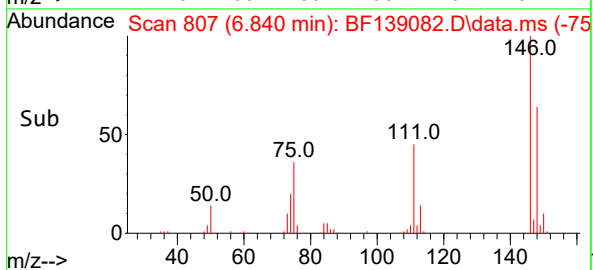
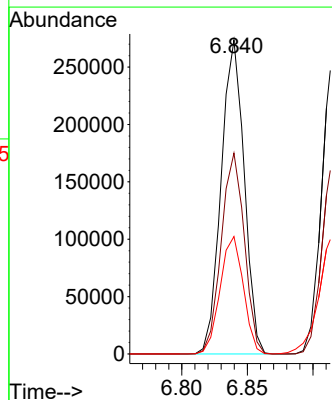
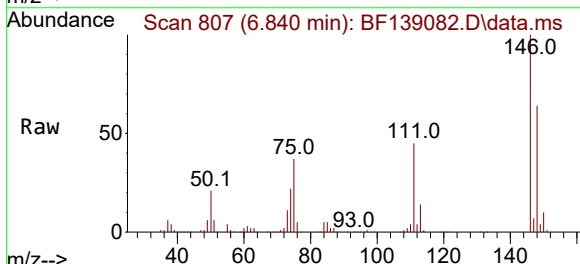
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

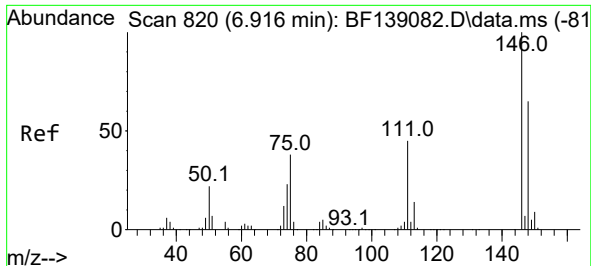
Tgt Ion: 93 Resp: 293529
Ion Ratio Lower Upper
93 100
63 82.7 62.7 102.7
95 31.9 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 37.595 ng
RT: 6.840 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

Tgt Ion: 146 Resp: 333826
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 37.4 29.9 44.9

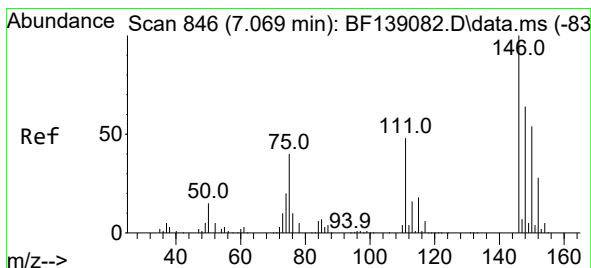
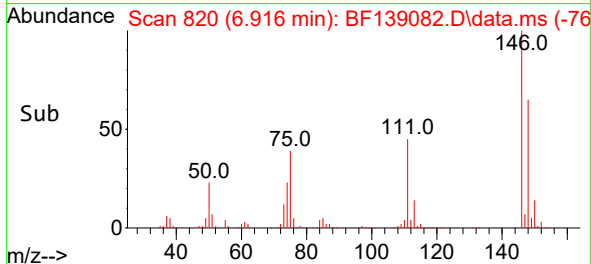
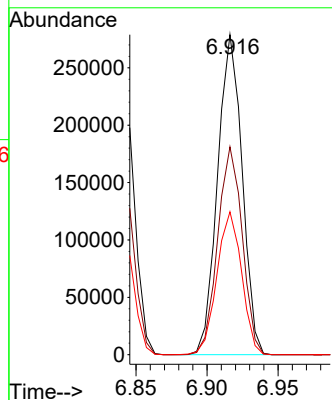
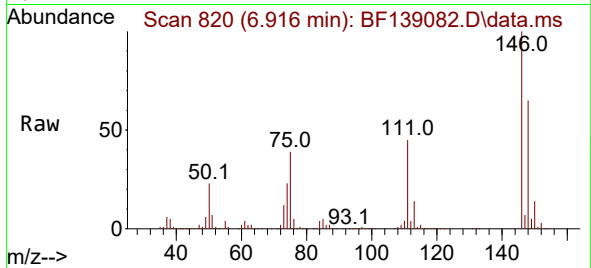




#13
1,4-Dichlorobenzene
Concen: 37.396 ng
RT: 6.916 min Scan# 820
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

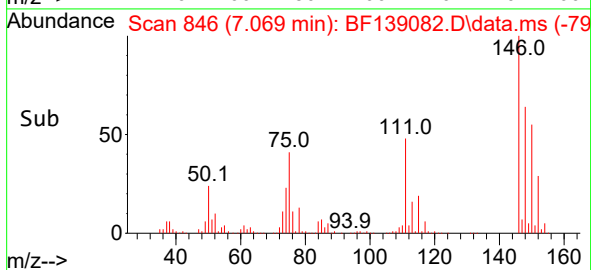
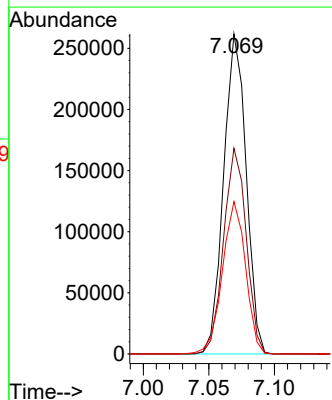
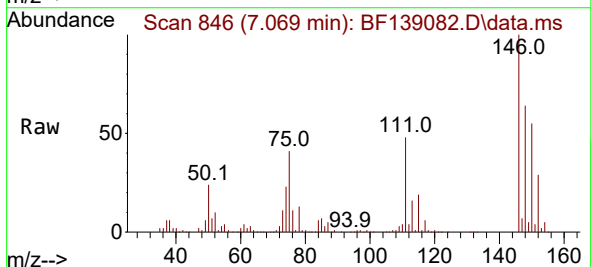
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

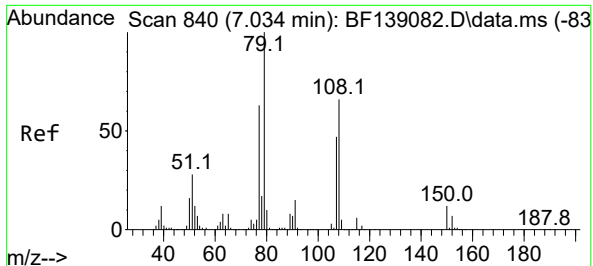
Tgt Ion:146 Resp: 335105
Ion Ratio Lower Upper
146 100
148 64.9 51.9 77.9
111 44.7 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 37.279 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

Tgt Ion:146 Resp: 312202
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
111 47.6 38.1 57.1

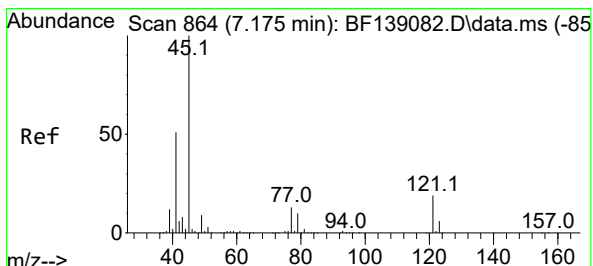
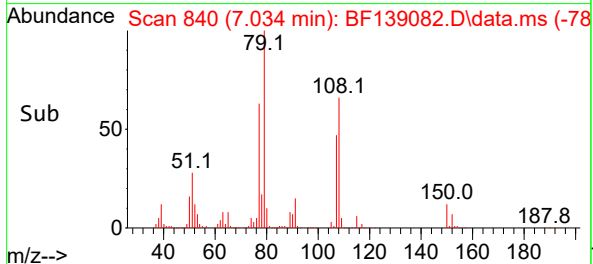
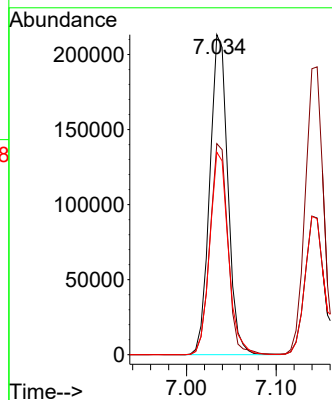
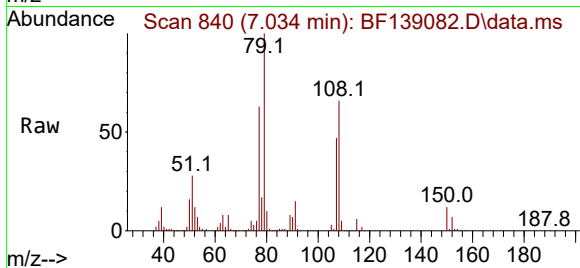




#15
Benzyl Alcohol
Concen: 40.834 ng
RT: 7.034 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

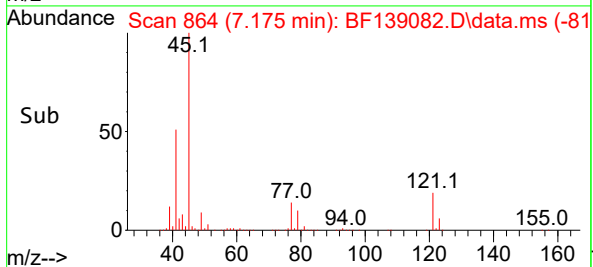
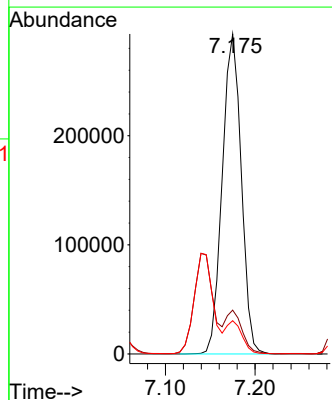
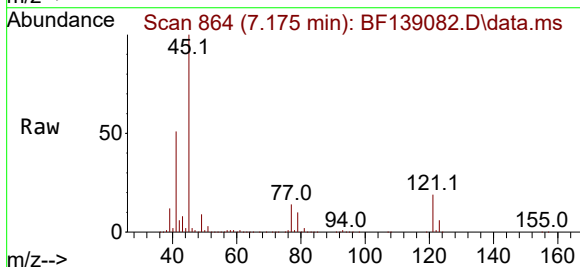
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

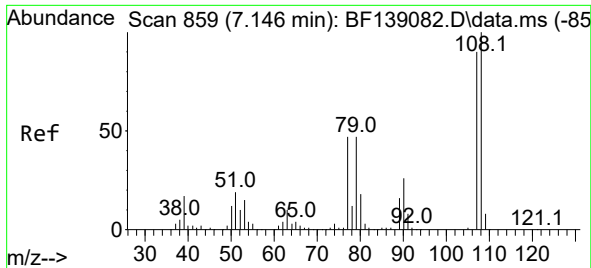
Tgt Ion: 79 Resp: 297924
Ion Ratio Lower Upper
79 100
108 66.0 52.8 79.2
77 63.3 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.502 ng
RT: 7.175 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

Tgt Ion: 45 Resp: 430526
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.7
79 10.4 0.0 30.4

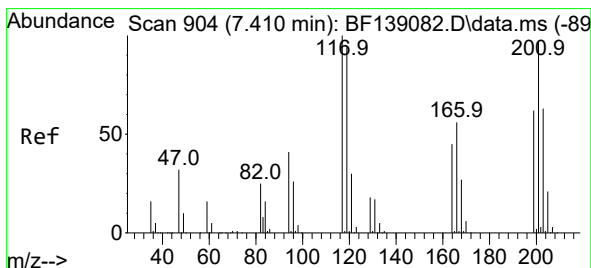
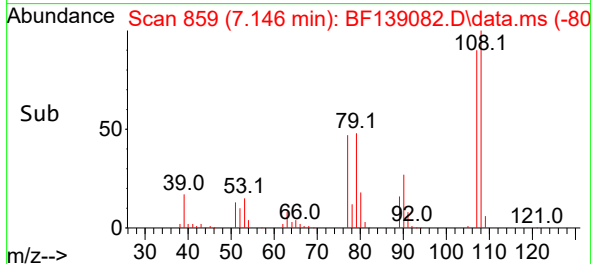
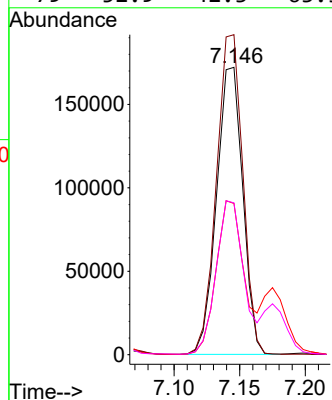
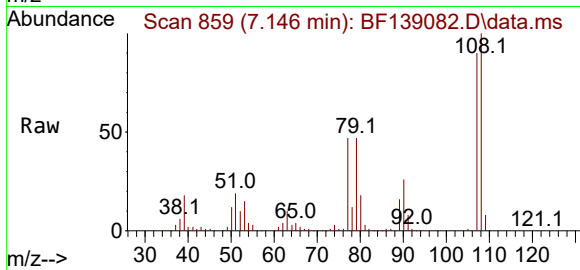




#17
2-Methylphenol
Concen: 36.578 ng
RT: 7.146 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

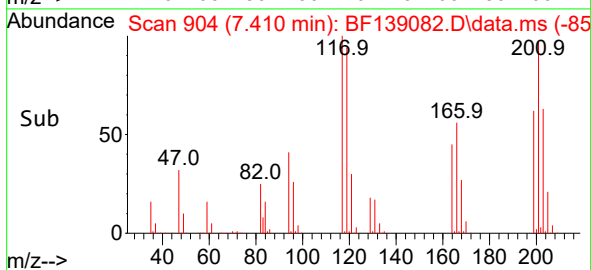
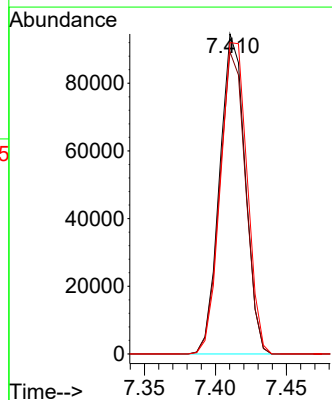
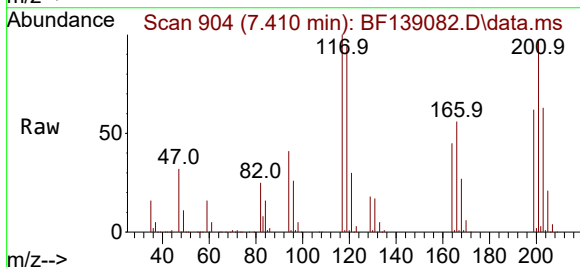
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

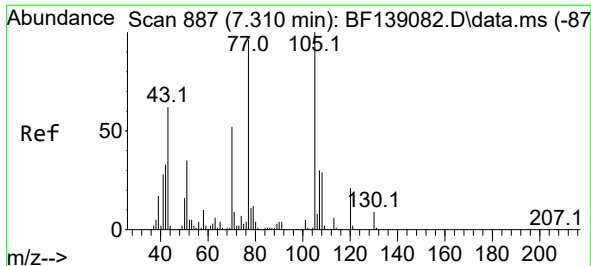
Tgt Ion:107 Resp: 239599
Ion Ratio Lower Upper
107 100
108 111.4 89.1 133.7
77 52.6 42.1 63.1
79 52.9 42.3 63.5



#18
Hexachloroethane
Concen: 34.958 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

Tgt Ion:117 Resp: 117917
Ion Ratio Lower Upper
117 100
119 94.4 75.5 113.3
201 97.3 77.8 116.8

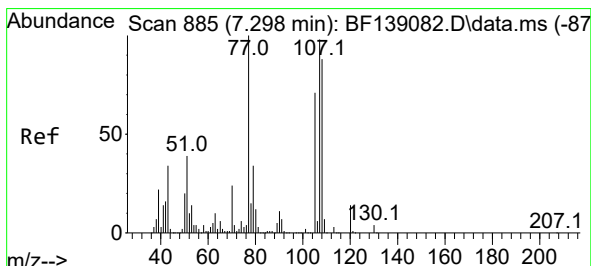
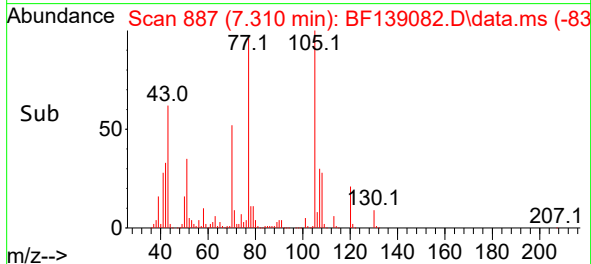
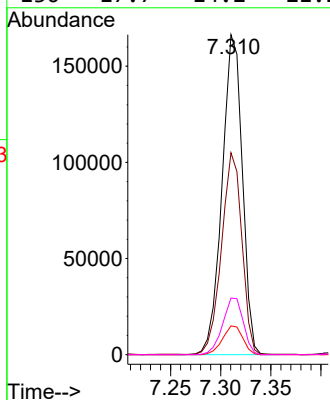
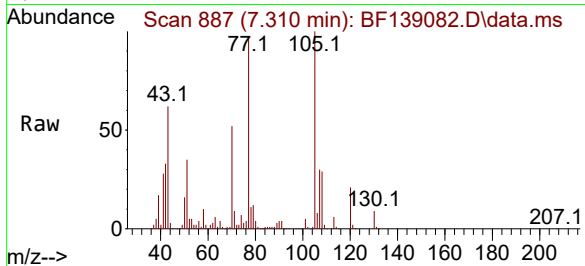




#19
n-Nitroso-di-n-propylamine
Concen: 38.265 ng
RT: 7.310 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

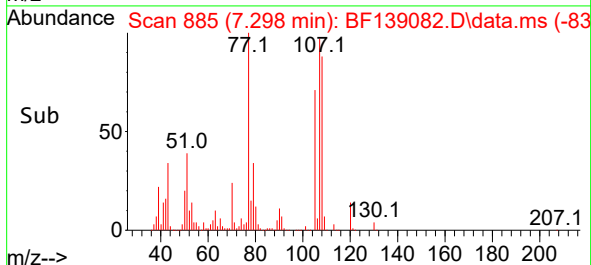
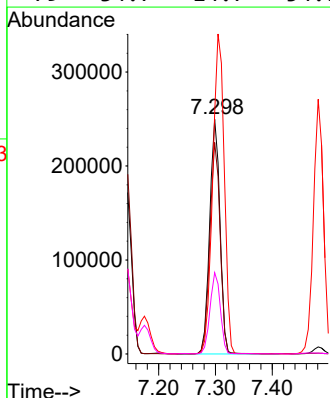
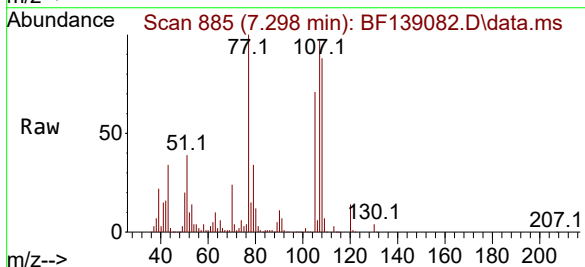
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

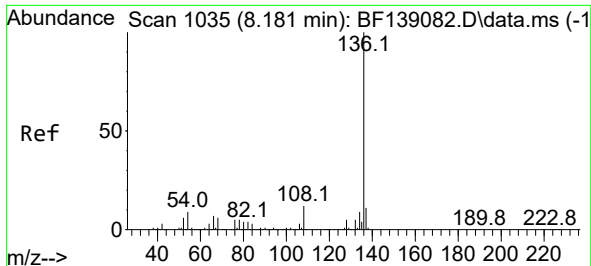
Tgt Ion: 70 Resp: 233952
Ion Ratio Lower Upper
70 100
42 63.1 50.5 75.7
101 9.0 7.2 10.8
130 17.7 14.2 21.2



#20
3+4-Methylphenols
Concen: 37.349 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

Tgt Ion: 107 Resp: 313893
Ion Ratio Lower Upper
107 100
108 90.2 70.2 110.2
77 102.7 82.7 122.7
79 34.7 14.7 54.7



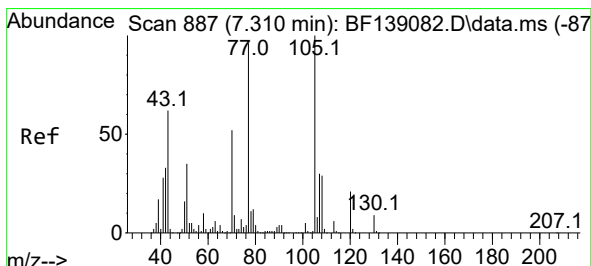
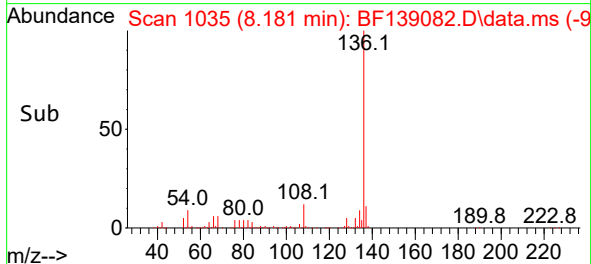
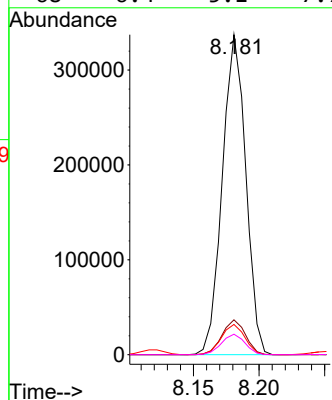
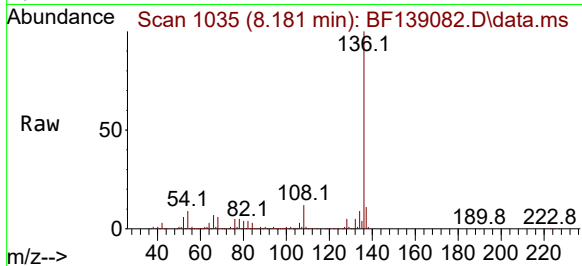


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 419218

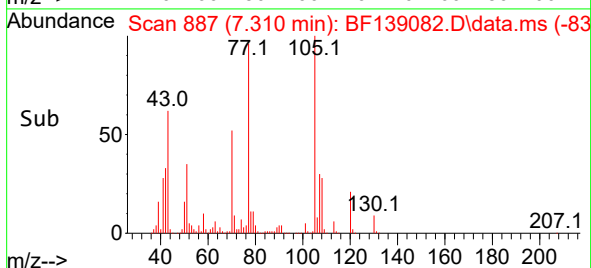
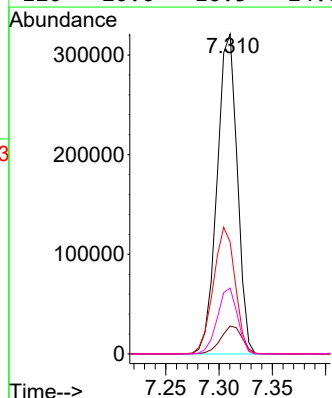
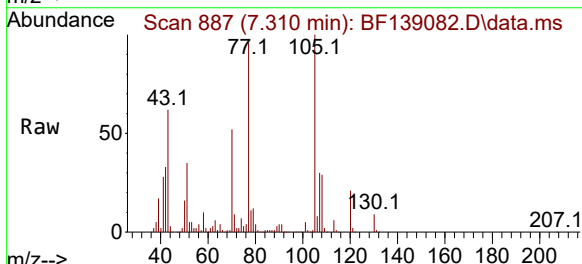
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.5	7.6	11.4
68	6.4	5.1	7.7

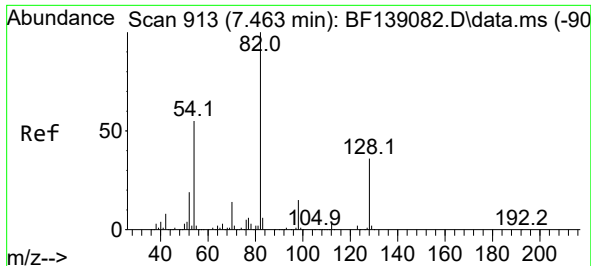


#22
Acetophenone
Concen: 41.173 ng
RT: 7.310 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

Tgt Ion:105 Resp: 422626

Ion	Ratio	Lower	Upper
105	100		
71	8.8	7.0	10.6
51	35.0	28.0	42.0
120	20.6	16.5	24.7





#23

Nitrobenzene-d5

Concen: 70.384 ng

RT: 7.463 min Scan# 913

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

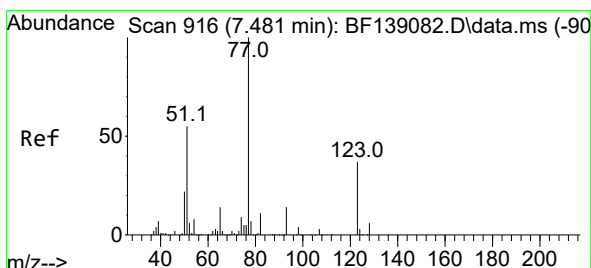
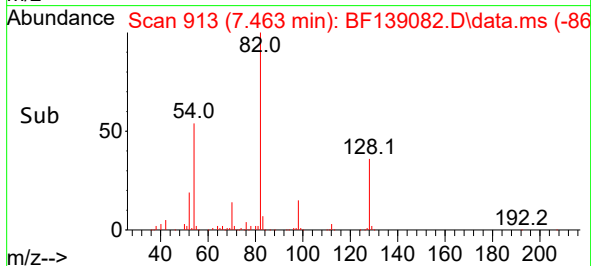
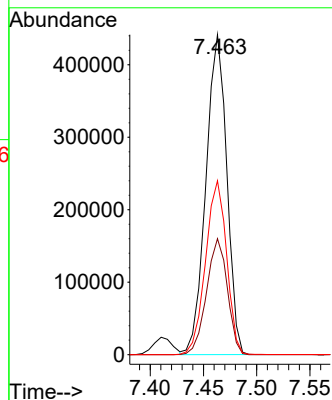
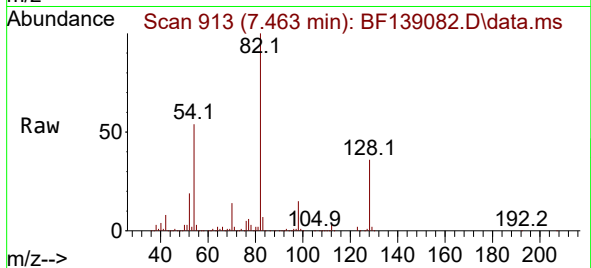
Tgt Ion: 82 Resp: 603508

Ion Ratio Lower Upper

82 100

128 36.2 29.0 43.4

54 54.3 43.4 65.2



#24

Nitrobenzene

Concen: 37.990 ng

RT: 7.481 min Scan# 916

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

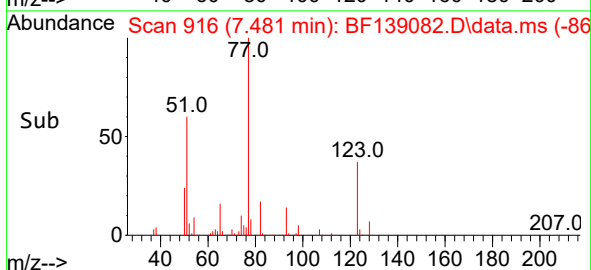
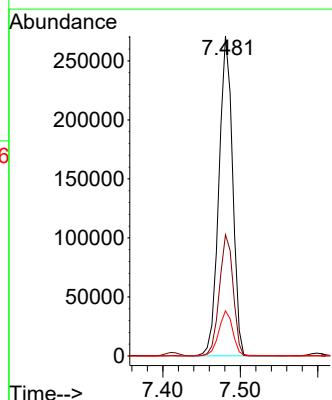
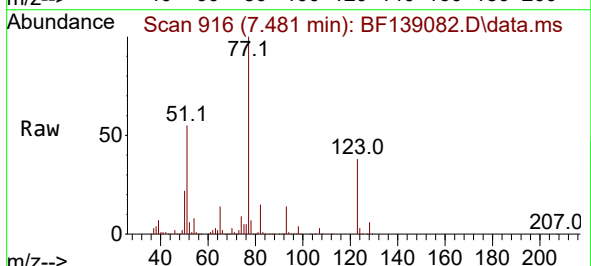
Tgt Ion: 77 Resp: 331465

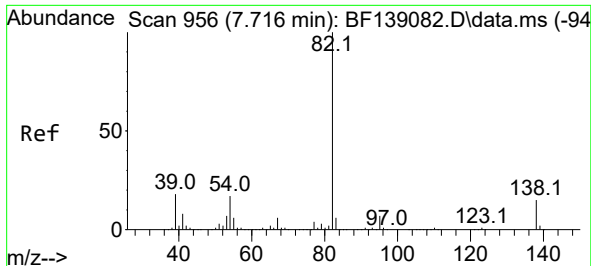
Ion Ratio Lower Upper

77 100

123 37.9 30.3 45.5

65 14.1 11.3 16.9

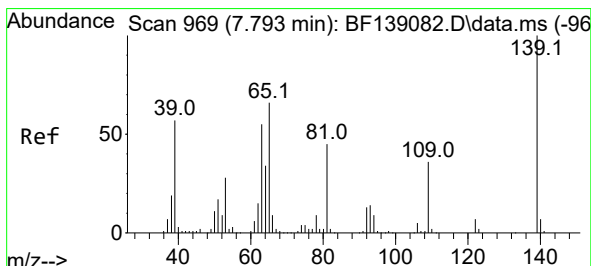
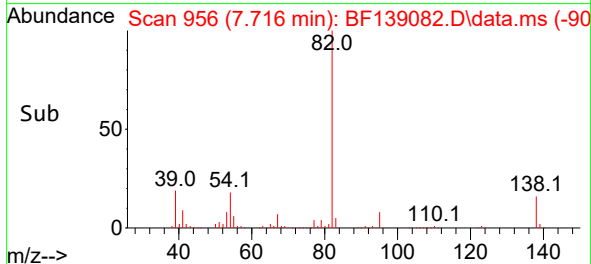
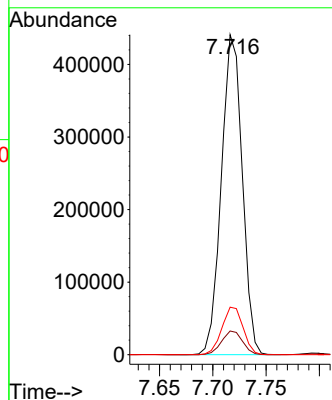
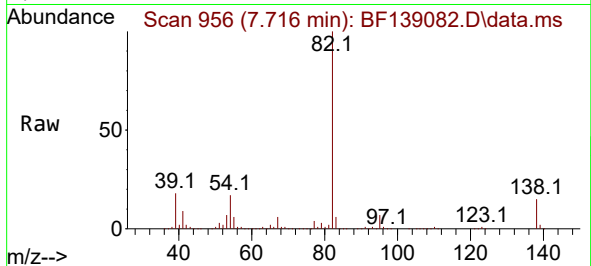




#25
Isophorone
Concen: 41.057 ng
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

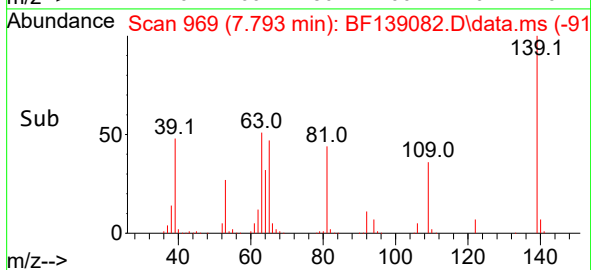
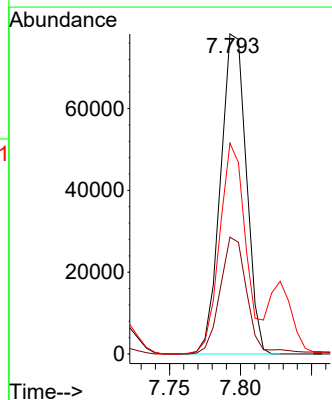
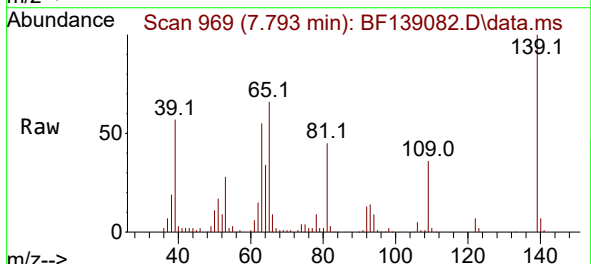
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

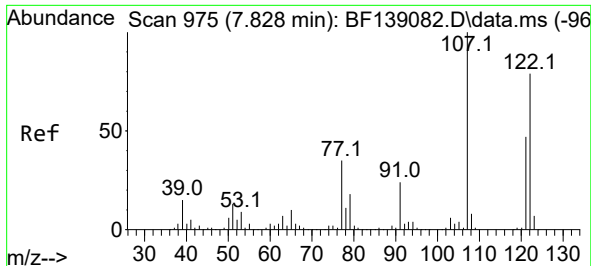
Tgt Ion: 82 Resp: 601123
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 14.8 11.8 17.8



#26
2-Nitrophenol
Concen: 26.326 ng
RT: 7.793 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

Tgt Ion: 139 Resp: 98825
Ion Ratio Lower Upper
139 100
109 36.5 29.2 43.8
65 65.9 52.7 79.1





#27

2,4-Dimethylphenol

Concen: 41.570 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

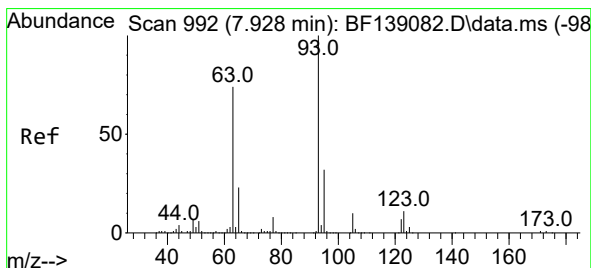
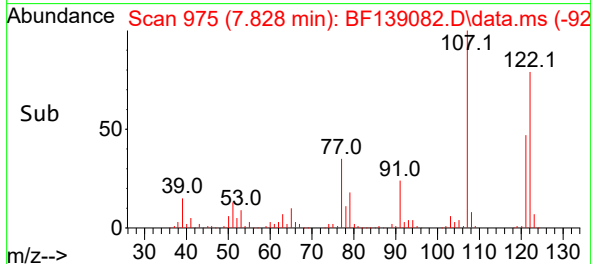
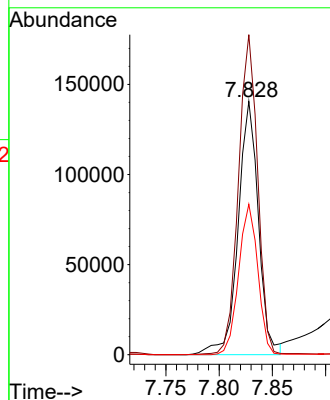
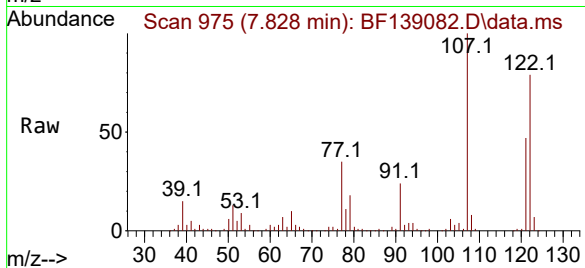
Tgt Ion:122 Resp: 186706

Ion Ratio Lower Upper

122 100

107 126.4 101.1 151.7

121 59.4 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 38.569 ng

RT: 7.928 min Scan# 992

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

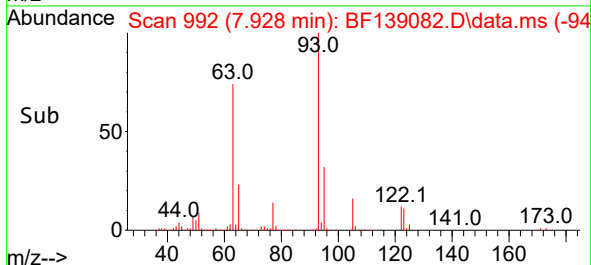
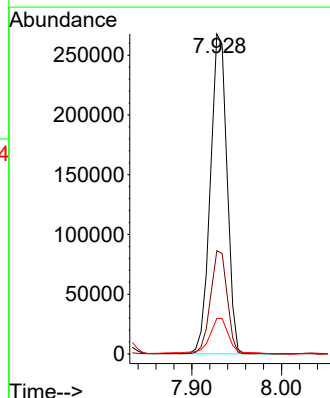
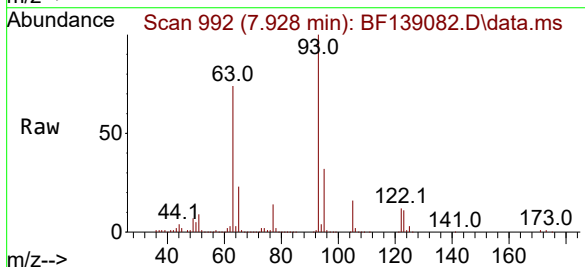
Tgt Ion: 93 Resp: 343887

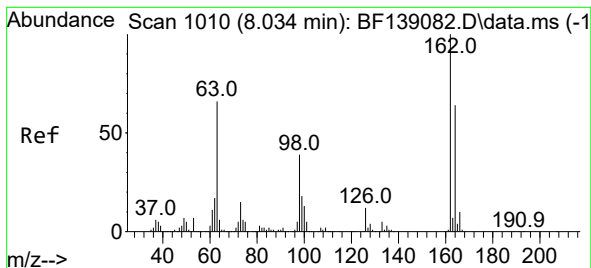
Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.8

123 11.1 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 41.683 ng

RT: 8.034 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

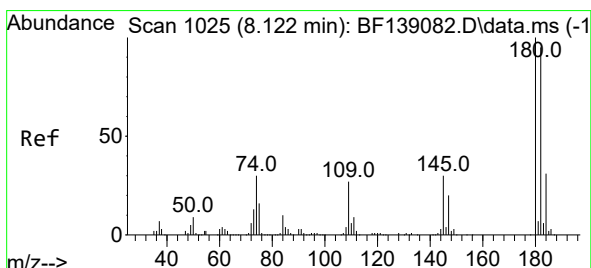
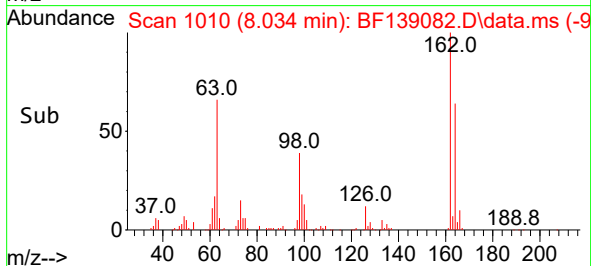
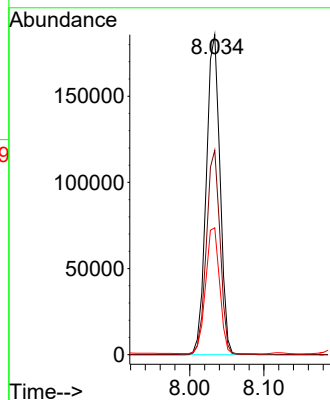
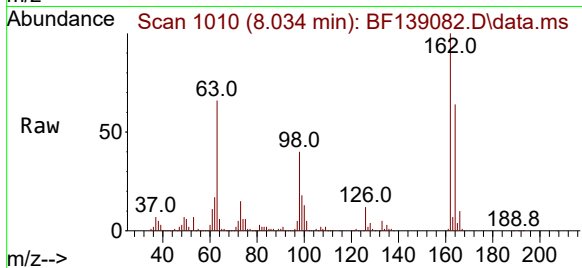
Tgt Ion:162 Resp: 240567

Ion Ratio Lower Upper

162 100

164 63.9 43.9 83.9

98 39.7 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 41.636 ng

RT: 8.122 min Scan# 1025

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

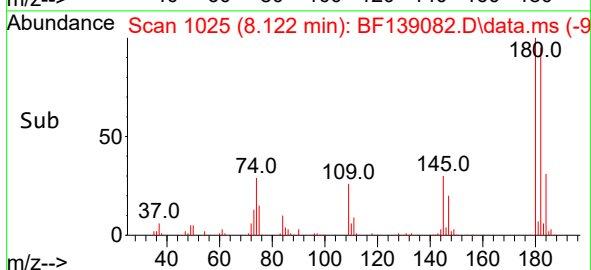
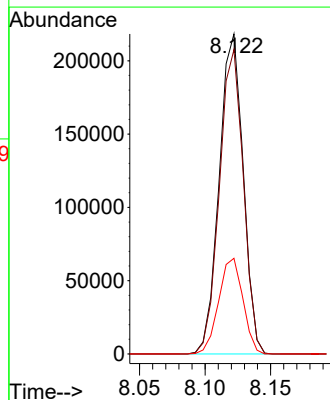
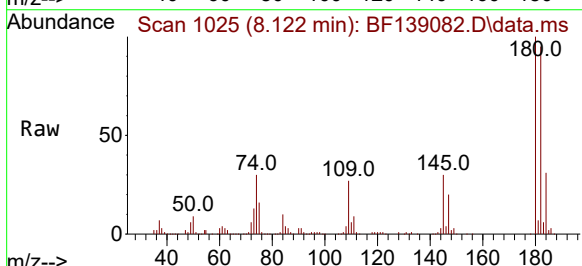
Tgt Ion:180 Resp: 277308

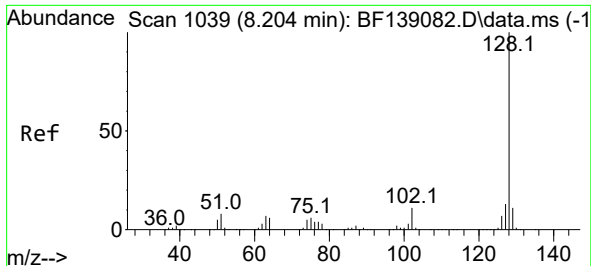
Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

145 29.9 23.9 35.9

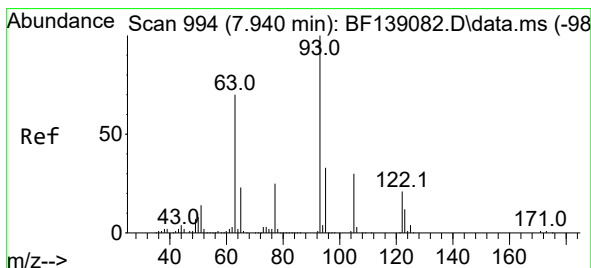
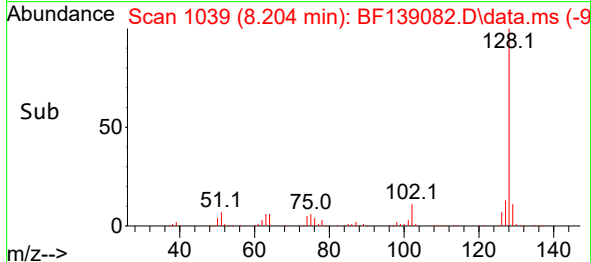
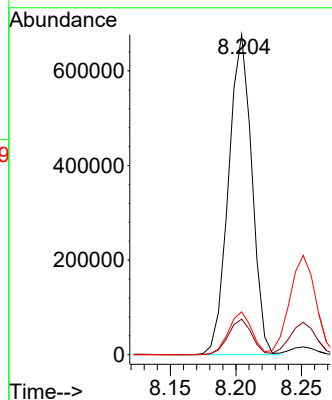
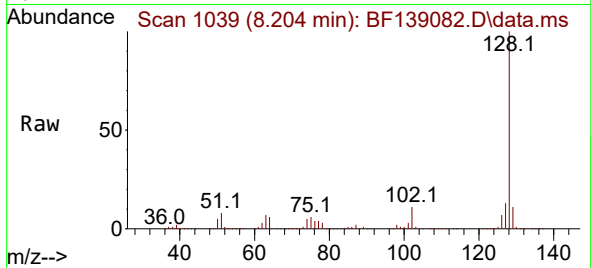




#31
Naphthalene
Concen: 37.885 ng
RT: 8.204 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

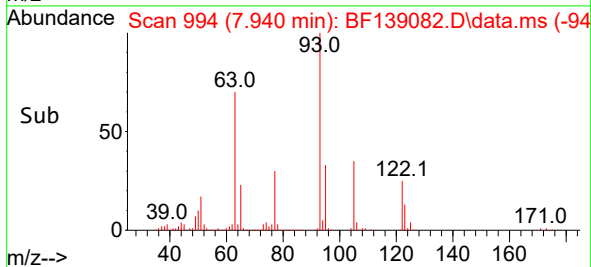
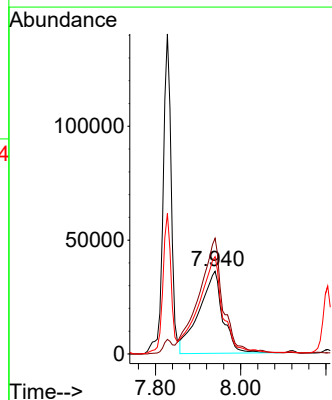
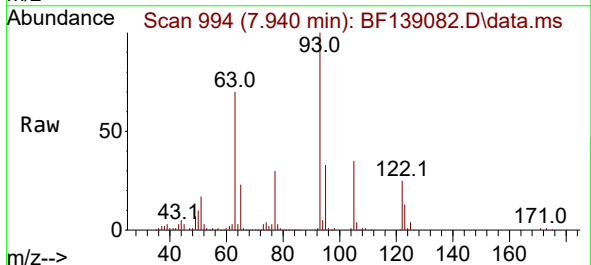
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

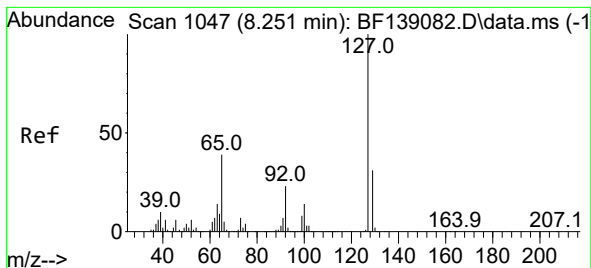
Tgt Ion:128 Resp: 835988
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 39.577 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

Tgt Ion:122 Resp: 139727
Ion Ratio Lower Upper
122 100
105 139.6 119.6 159.6
77 117.6 97.6 137.6





#33

4-Chloroaniline

Concen: 39.253 ng

RT: 8.251 min Scan# 1047

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 290750

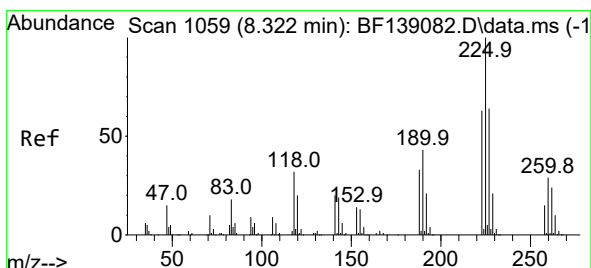
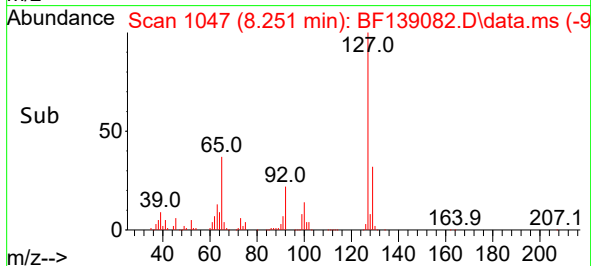
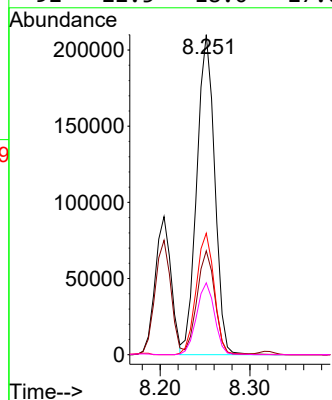
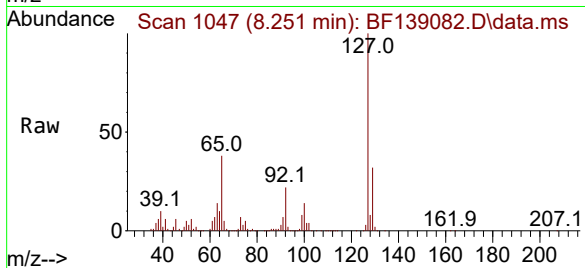
Ion Ratio Lower Upper

127 100

129 32.5 26.0 39.0

65 37.9 30.3 45.5

92 22.5 18.0 27.0



#34

Hexachlorobutadiene

Concen: 44.812 ng

RT: 8.322 min Scan# 1059

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

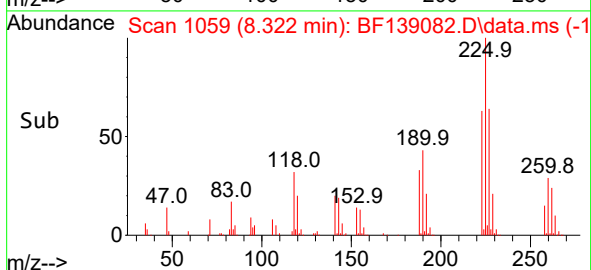
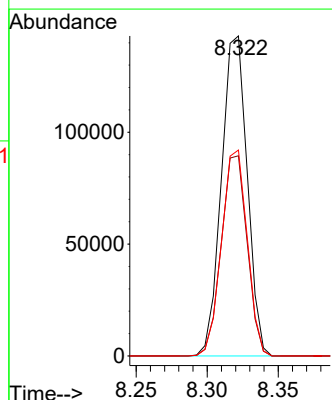
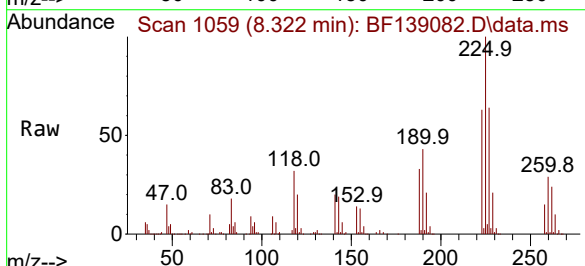
Tgt Ion:225 Resp: 180774

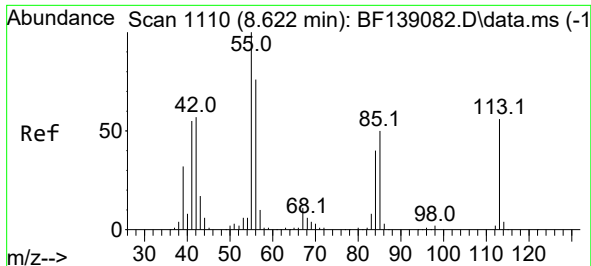
Ion Ratio Lower Upper

225 100

223 62.5 50.0 75.0

227 64.3 51.4 77.2

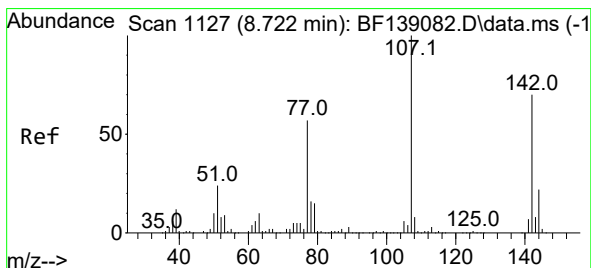
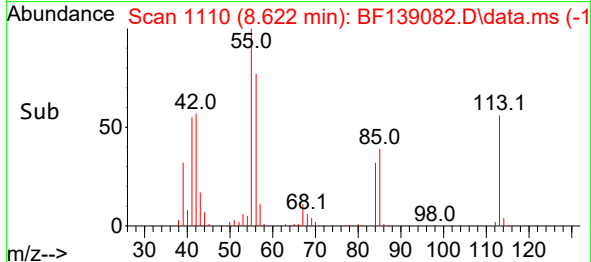
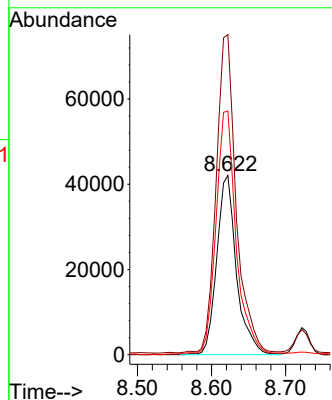
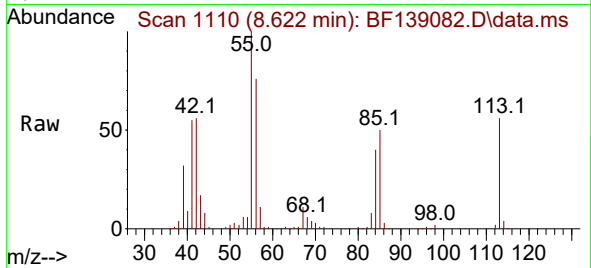




#35
 Caprolactam
 Concen: 45.153 ng
 RT: 8.622 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: BF139082.D
 Acq: 20 Aug 2024 19:10

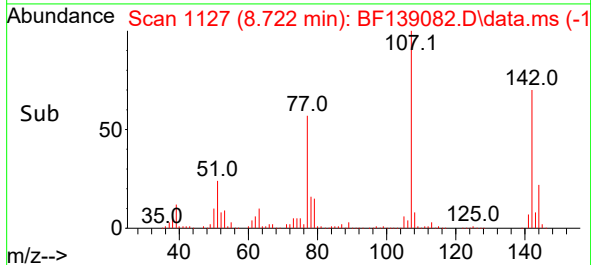
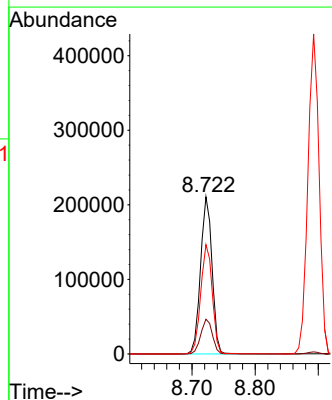
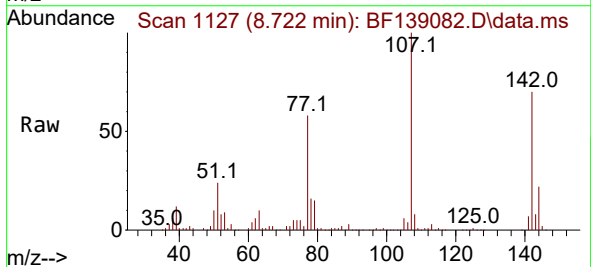
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

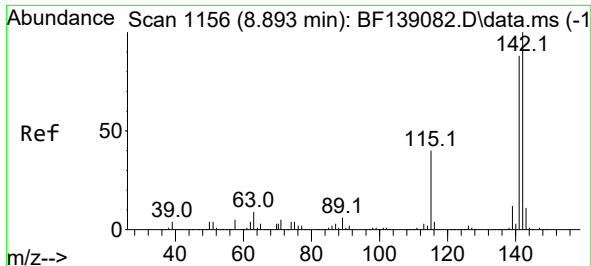
Tgt Ion:113 Resp: 77758
 Ion Ratio Lower Upper
 113 100
 55 178.6 158.6 198.6
 56 135.9 115.9 155.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.518 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: BF139082.D
 Acq: 20 Aug 2024 19:10

Tgt Ion:107 Resp: 267245
 Ion Ratio Lower Upper
 107 100
 144 22.1 17.7 26.5
 142 69.5 55.6 83.4

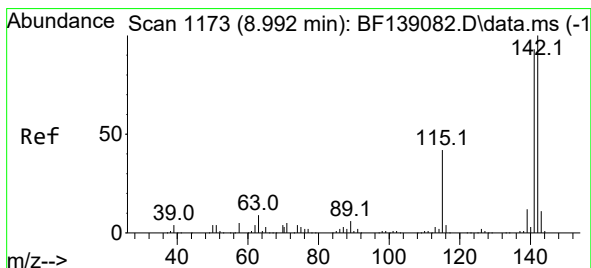
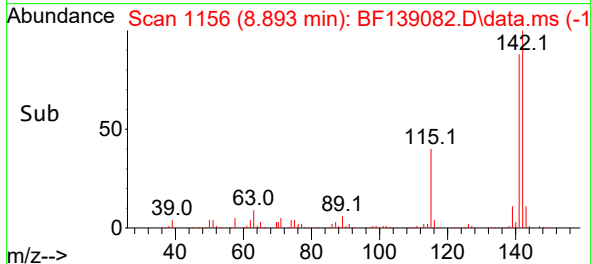
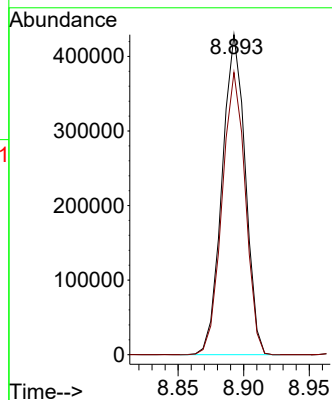
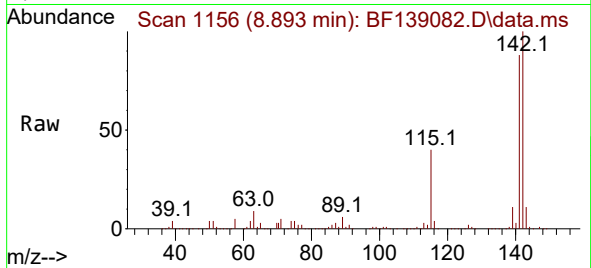




#37
2-Methylnaphthalene
Concen: 37.869 ng
RT: 8.893 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

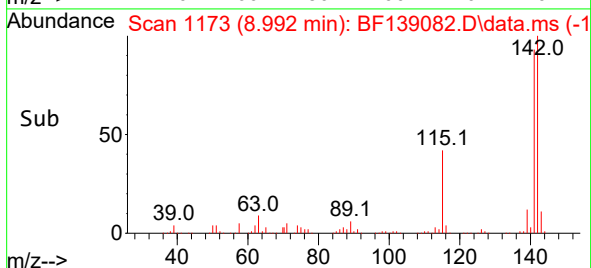
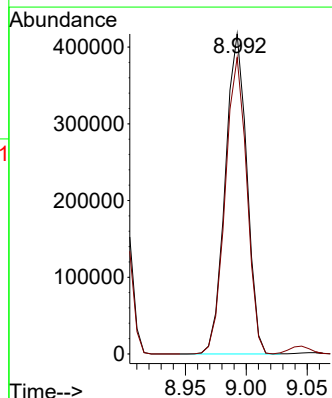
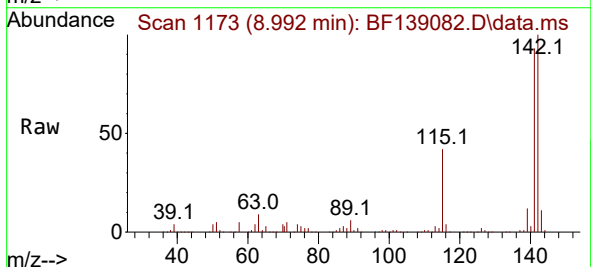
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

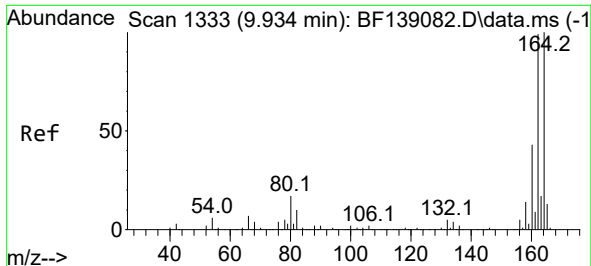
Tgt Ion:142 Resp: 527747
Ion Ratio Lower Upper
142 100
141 88.2 70.6 105.8



#38
1-Methylnaphthalene
Concen: 37.653 ng
RT: 8.992 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

Tgt Ion:142 Resp: 514197
Ion Ratio Lower Upper
142 100
141 92.6 74.1 111.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

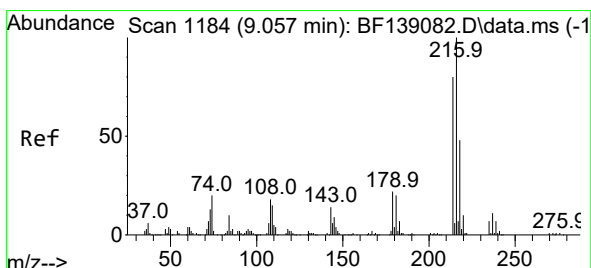
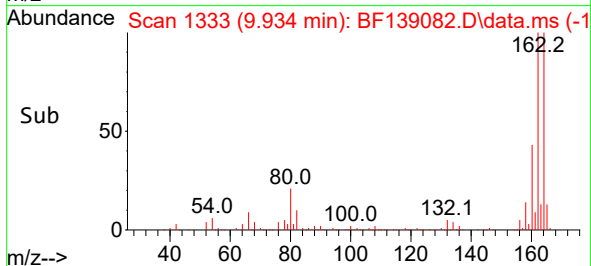
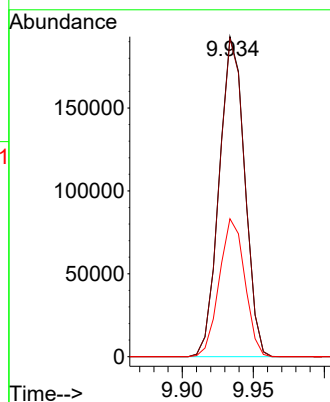
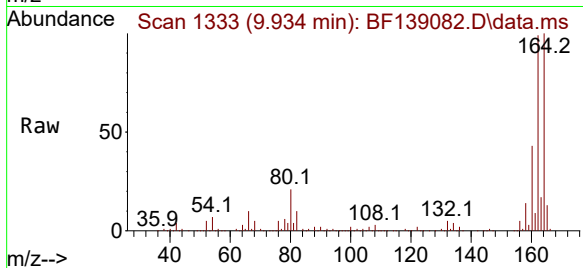
Tgt Ion:164 Resp: 240364

Ion Ratio Lower Upper

164 100

162 99.4 79.5 119.3

160 43.1 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.353 ng

RT: 9.057 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

Tgt Ion:216 Resp: 269439

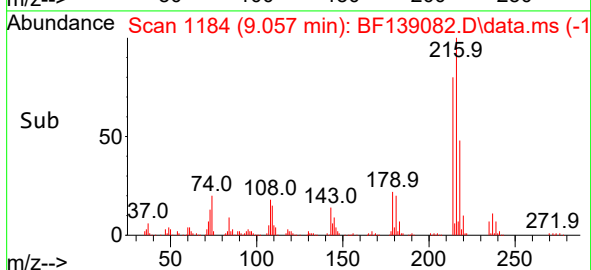
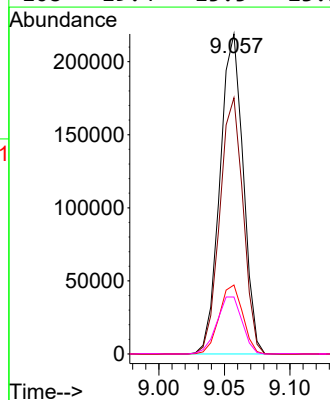
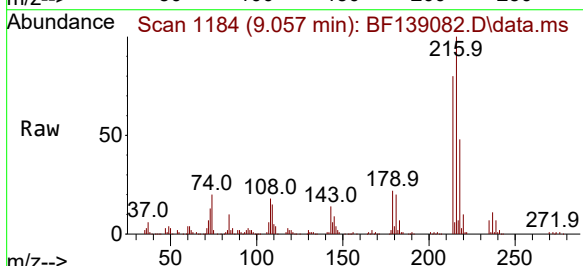
Ion Ratio Lower Upper

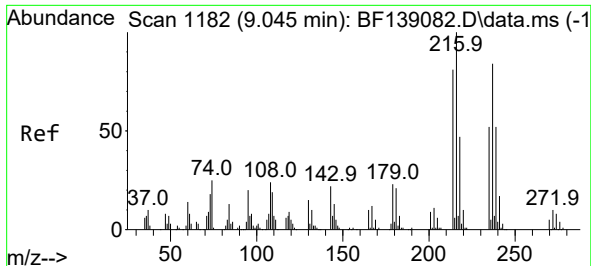
216 100

214 80.2 64.2 96.2

179 21.8 17.4 26.2

108 19.4 15.5 23.3

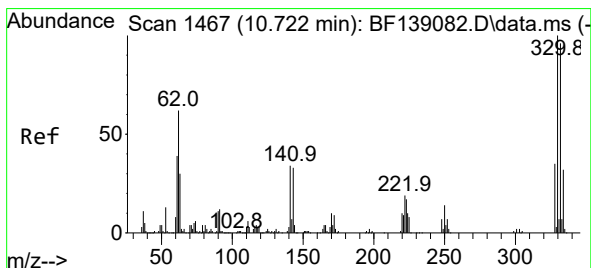
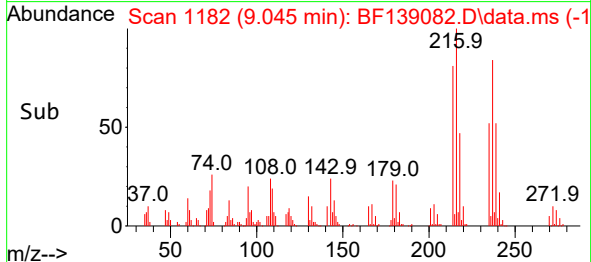
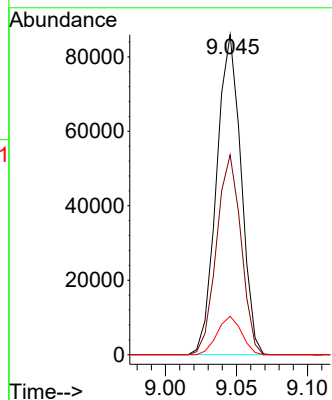
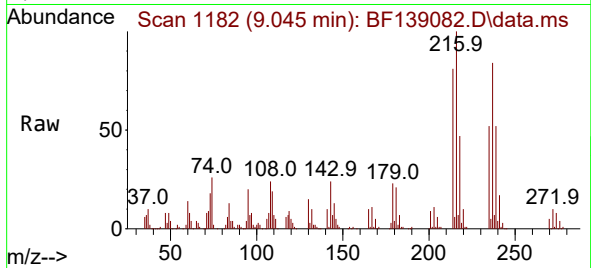




#41
Hexachlorocyclopentadiene
Concen: 71.022 ng
RT: 9.045 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

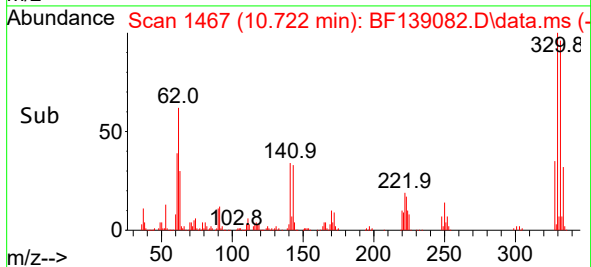
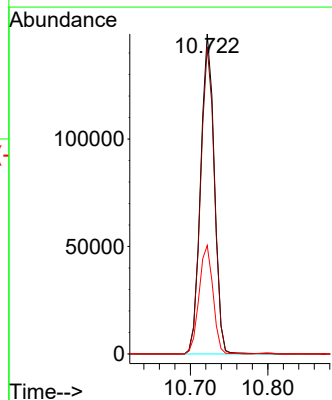
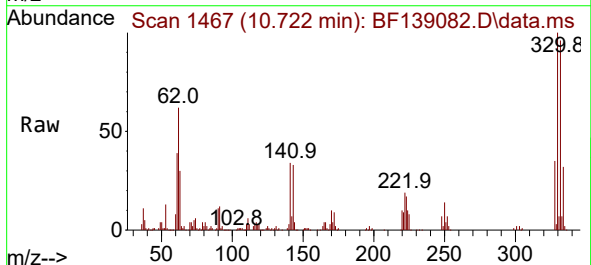
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

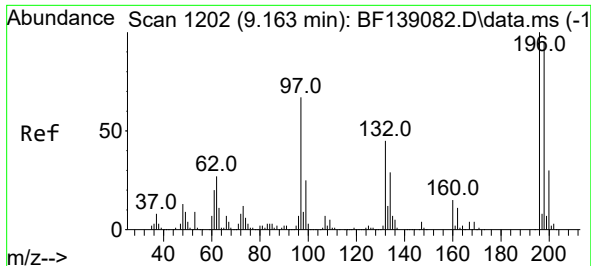
Tgt Ion:237 Resp: 102806
Ion Ratio Lower Upper
237 100
235 62.5 42.5 82.5
272 12.0 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 92.849 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

Tgt Ion:330 Resp: 182810
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 34.4 27.5 41.3





#43

2,4,6-Trichlorophenol

Concen: 42.032 ng

RT: 9.163 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

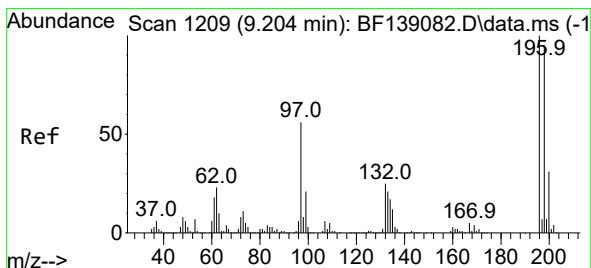
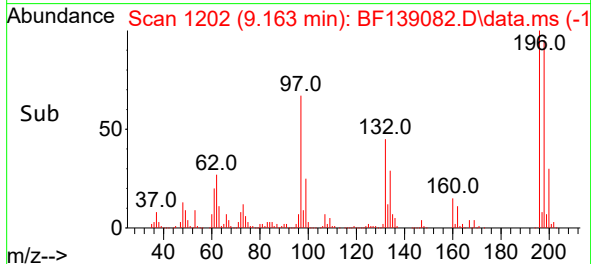
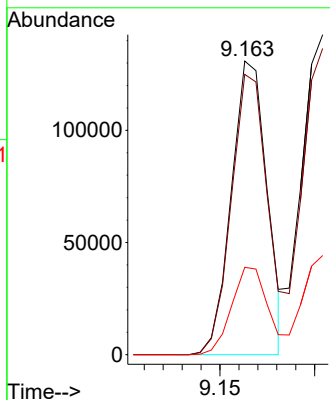
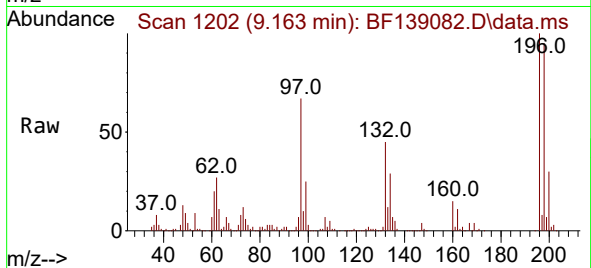
Tgt Ion:196 Resp: 171113

Ion Ratio Lower Upper

196 100

198 95.5 76.4 114.6

200 29.8 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 41.649 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

Tgt Ion:196 Resp: 185362

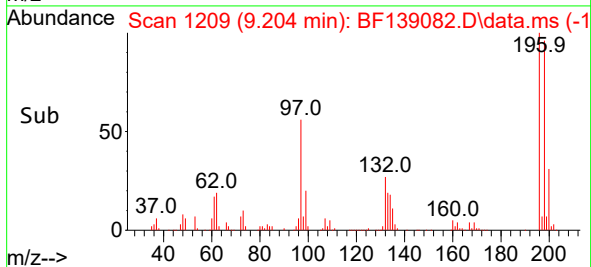
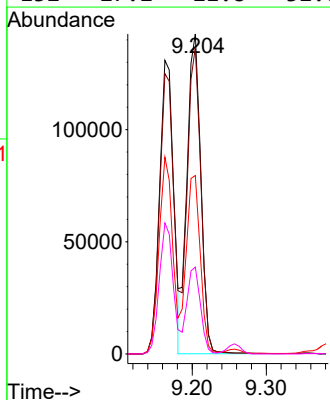
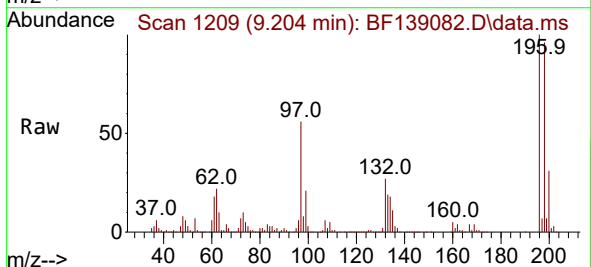
Ion Ratio Lower Upper

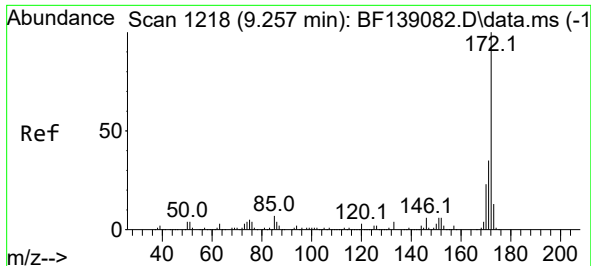
196 100

198 95.7 76.6 114.8

97 55.8 44.6 67.0

132 27.2 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 72.564 ng

RT: 9.257 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

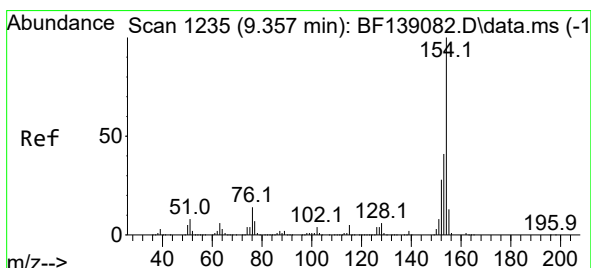
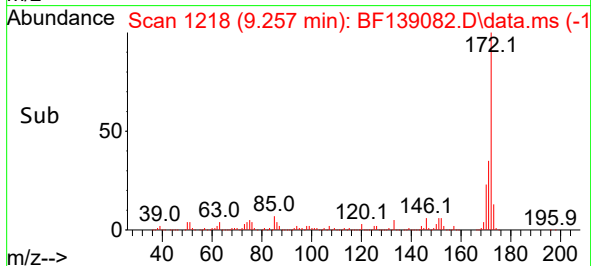
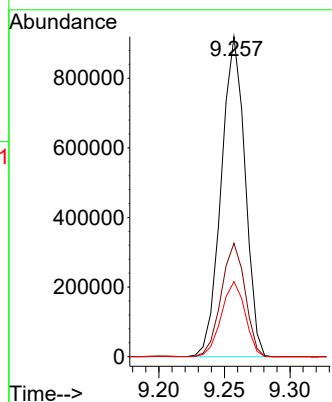
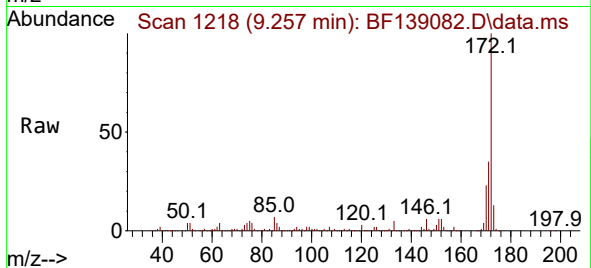
Tgt Ion:172 Resp: 1160846

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 35.094 ng

RT: 9.357 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

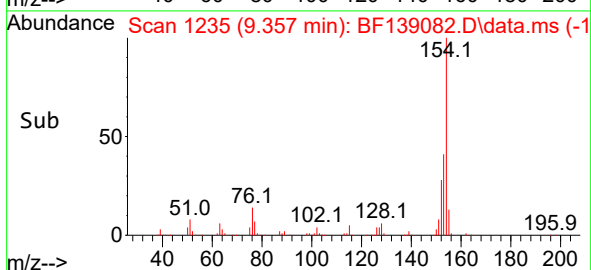
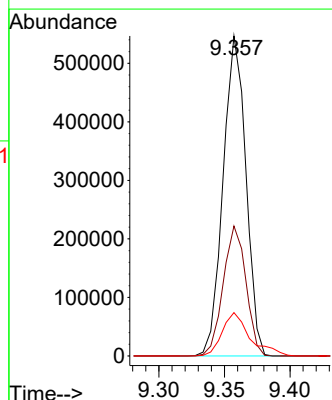
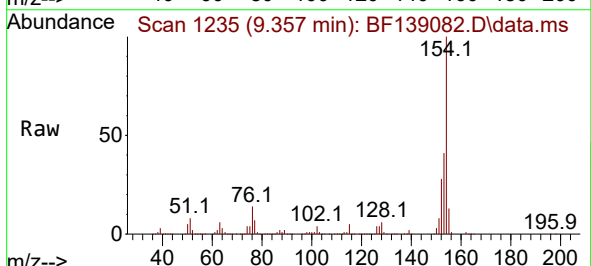
Tgt Ion:154 Resp: 660652

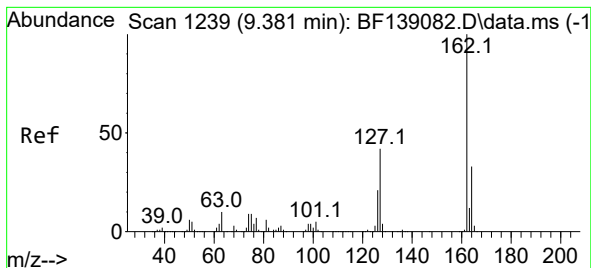
Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

76 13.6 0.0 33.6





#47

2-Chloronaphthalene

Concen: 37.333 ng

RT: 9.381 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

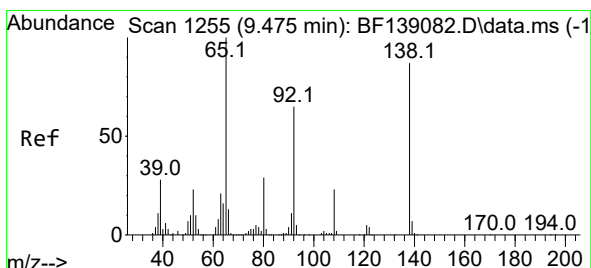
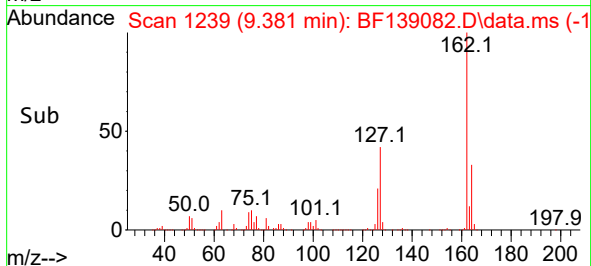
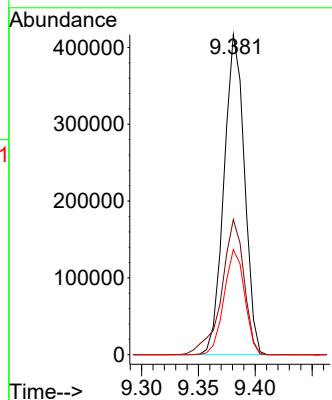
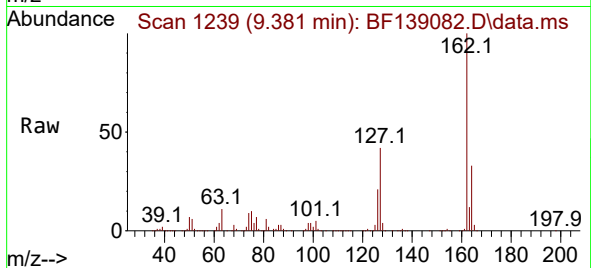
Tgt Ion:162 Resp: 522686

Ion Ratio Lower Upper

162 100

127 42.2 33.8 50.6

164 32.9 26.3 39.5



#48

2-Nitroaniline

Concen: 28.885 ng

RT: 9.475 min Scan# 1255

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

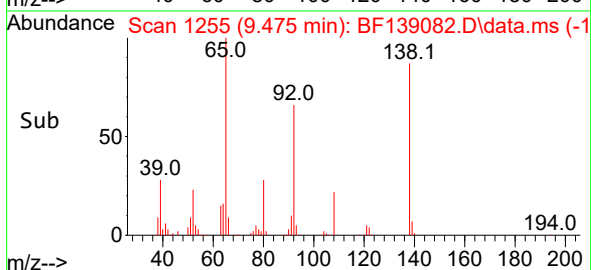
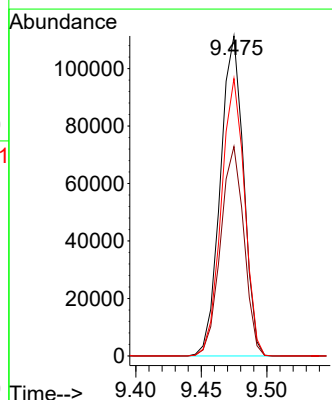
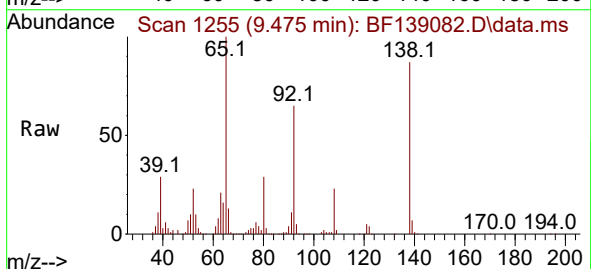
Tgt Ion: 65 Resp: 137098

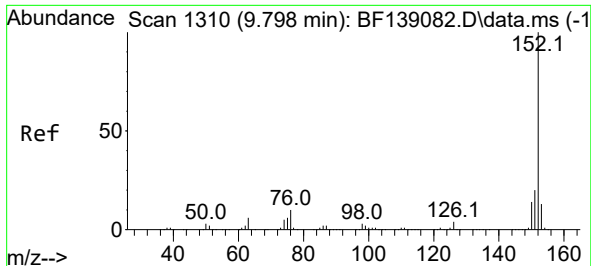
Ion Ratio Lower Upper

65 100

92 65.5 52.4 78.6

138 86.7 69.4 104.0





#49

Acenaphthylene

Concen: 38.413 ng

RT: 9.798 min Scan# 1310

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

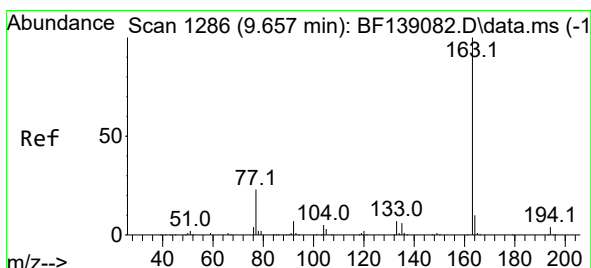
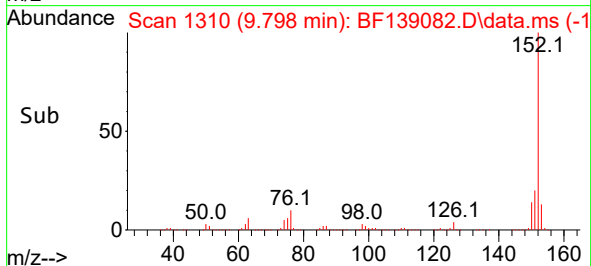
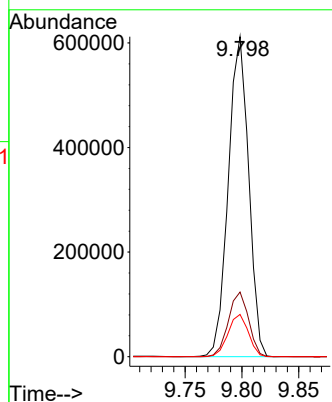
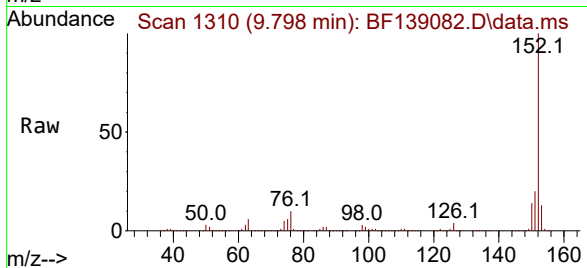
Tgt Ion:152 Resp: 762771

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 38.670 ng

RT: 9.657 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

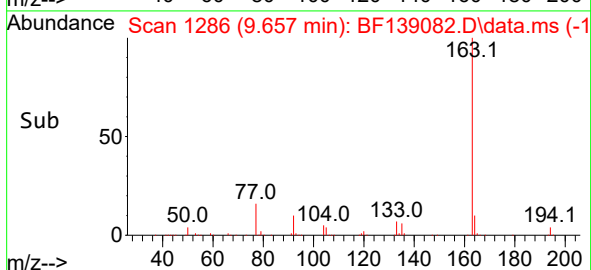
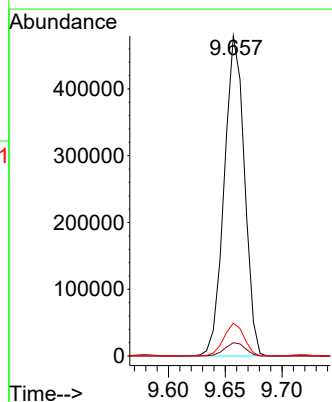
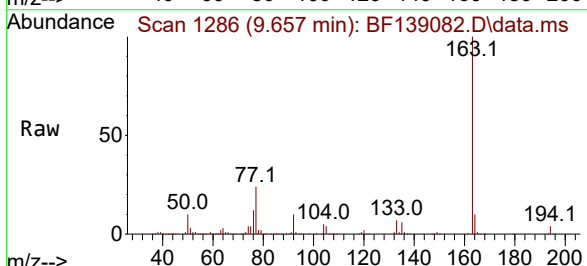
Tgt Ion:163 Resp: 594327

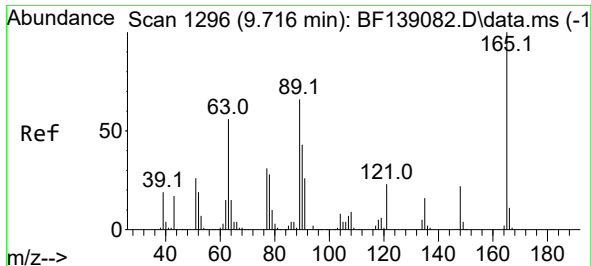
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.2 8.2 12.2

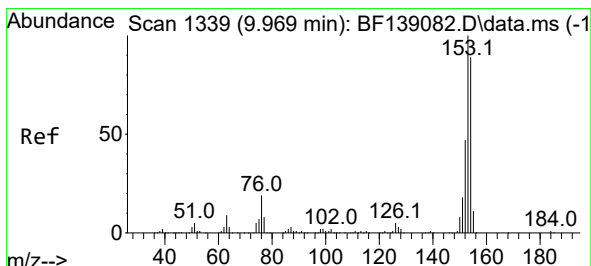
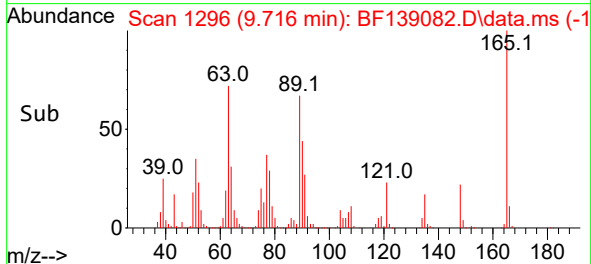
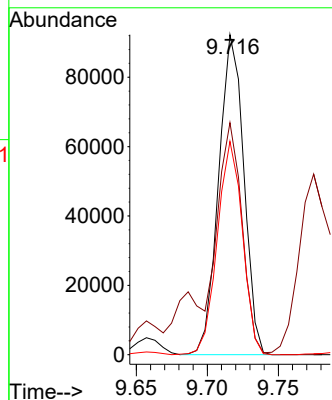
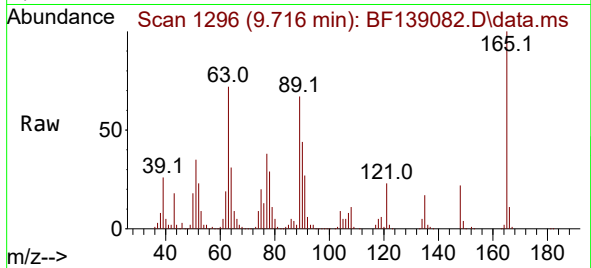




#51
2,6-Dinitrotoluene
Concen: 32.735 ng
RT: 9.716 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

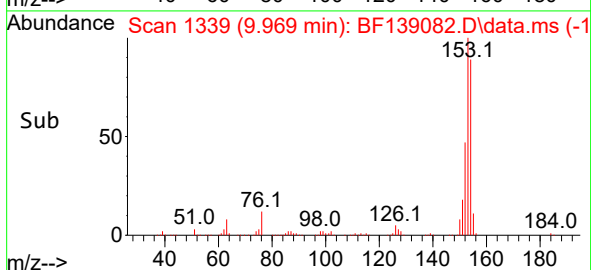
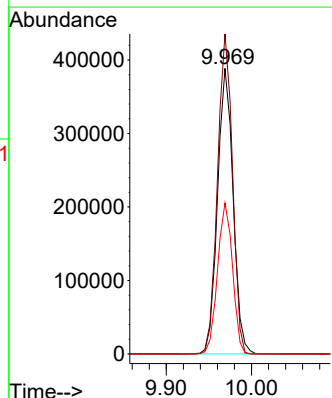
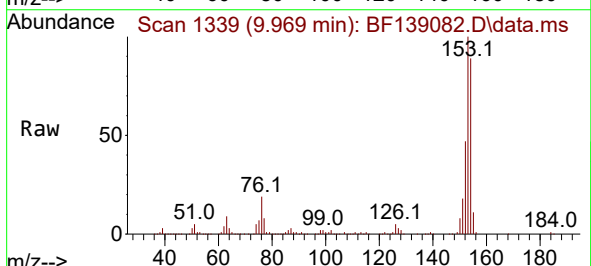
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

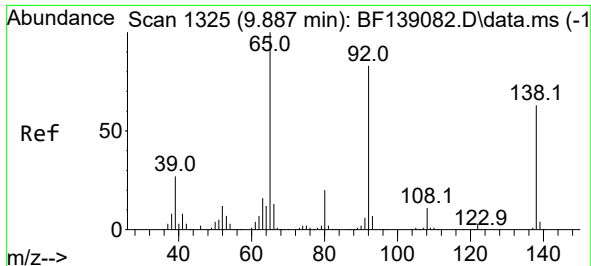
Tgt Ion:165 Resp: 113541
Ion Ratio Lower Upper
165 100
63 72.5 58.0 87.0
89 66.6 53.3 79.9



#52
Acenaphthene
Concen: 36.979 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

Tgt Ion:154 Resp: 493605
Ion Ratio Lower Upper
154 100
153 112.1 89.7 134.5
152 52.9 42.3 63.5

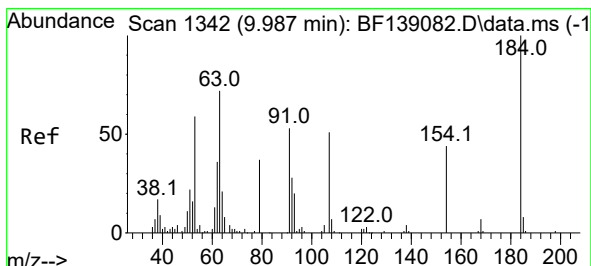
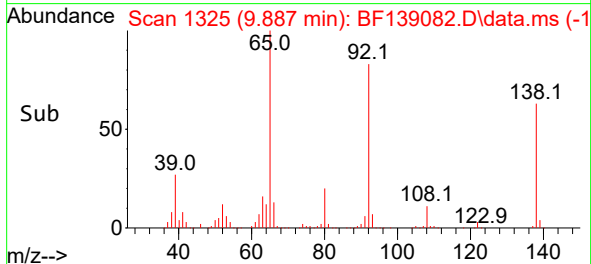
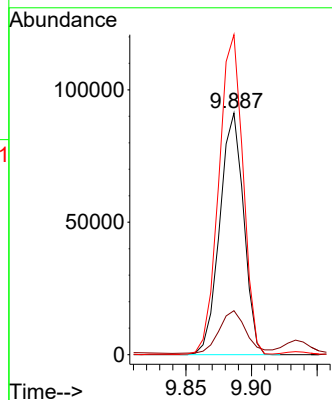
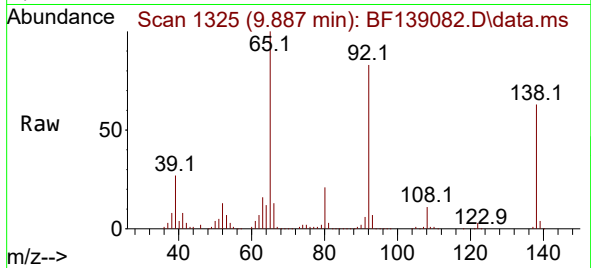




#53
3-Nitroaniline
Concen: 32.253 ng
RT: 9.887 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

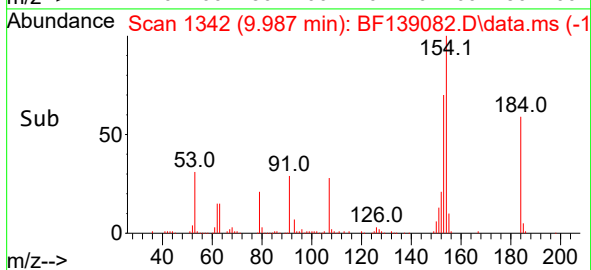
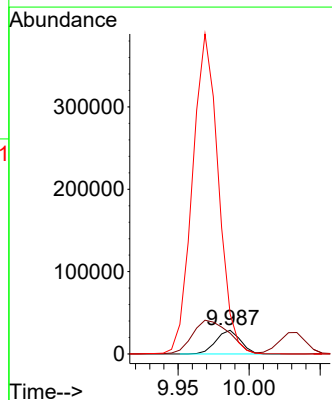
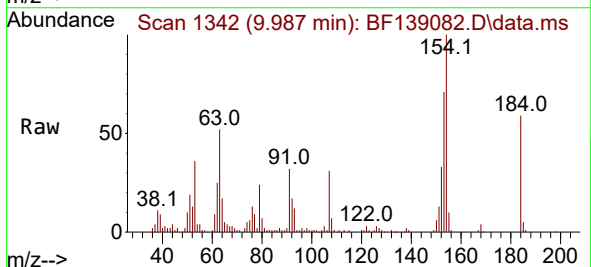
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

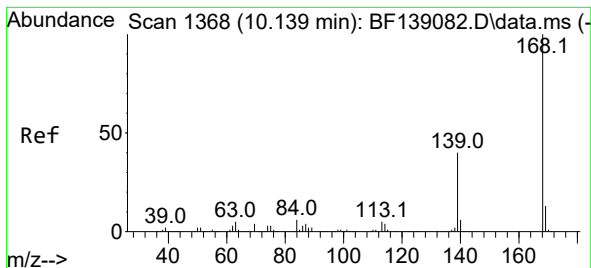
Tgt Ion:138 Resp: 115650
Ion Ratio Lower Upper
138 100
108 18.2 14.6 21.8
92 132.4 105.9 158.9



#54
2,4-Dinitrophenol
Concen: 21.580 ng
RT: 9.987 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

Tgt Ion:184 Resp: 34457
Ion Ratio Lower Upper
184 100
63 88.1 70.5 105.7
154 168.8 135.0 202.6





#55

Dibenzenofuran

Concen: 38.724 ng

RT: 10.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

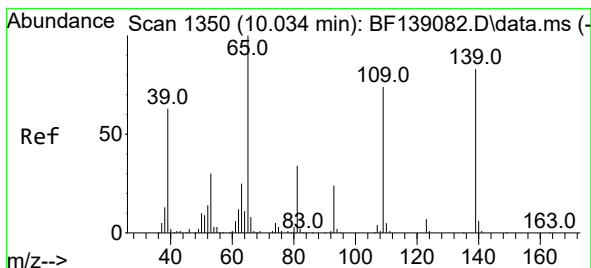
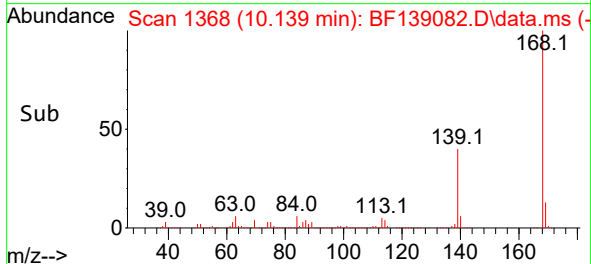
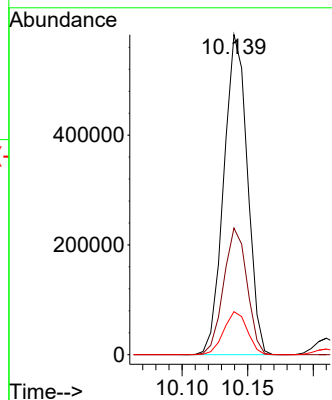
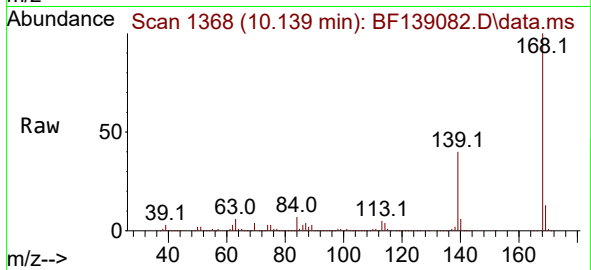
Tgt Ion:168 Resp: 729666

Ion Ratio Lower Upper

168 100

139 39.5 31.6 47.4

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 43.368 ng

RT: 10.034 min Scan# 1350

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

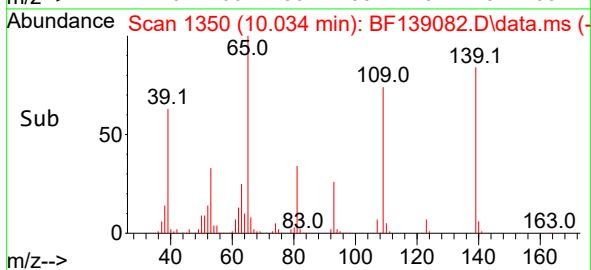
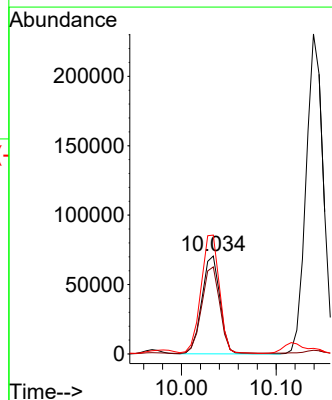
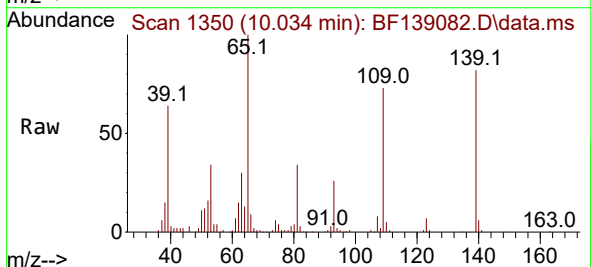
Tgt Ion:139 Resp: 93512

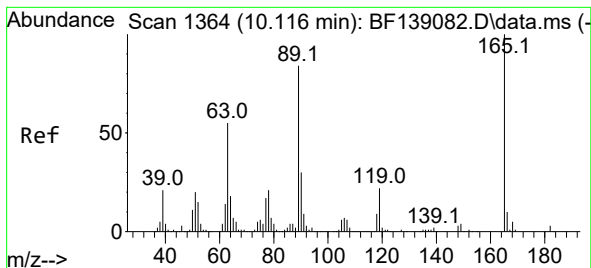
Ion Ratio Lower Upper

139 100

109 88.8 68.8 108.8

65 121.3 101.3 141.3

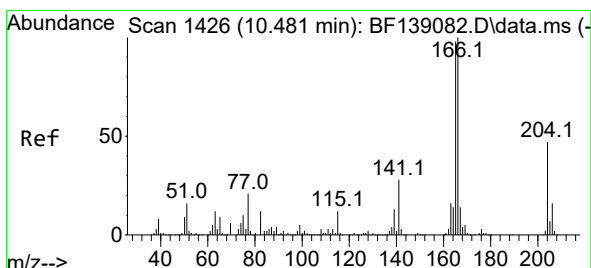
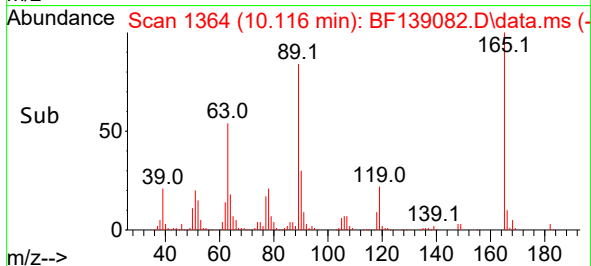
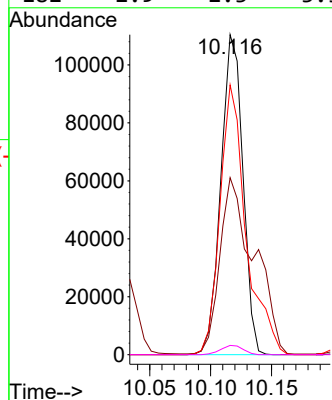
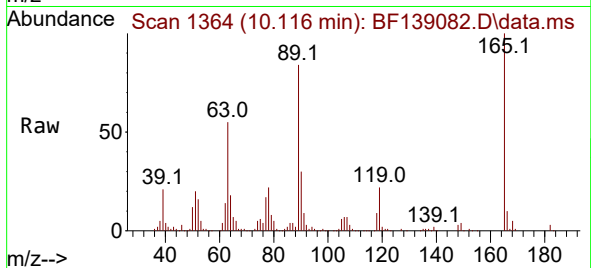




#57
2,4-Dinitrotoluene
Concen: 31.440 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

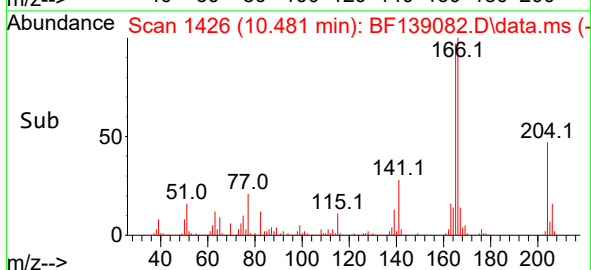
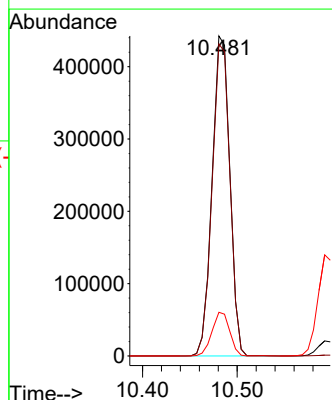
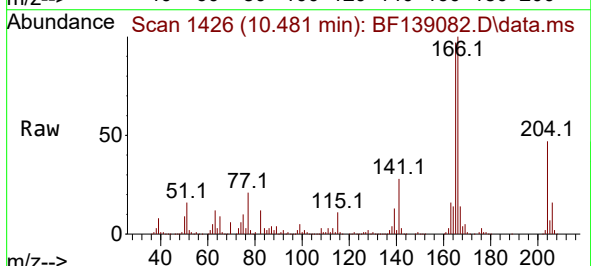
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

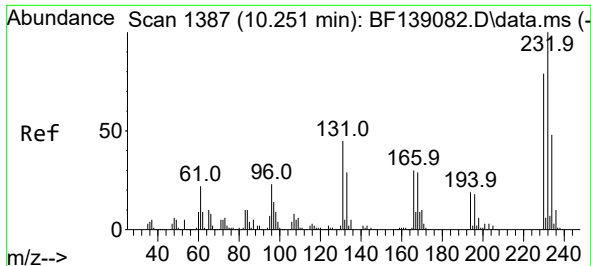
Tgt Ion:165 Resp: 139133
Ion Ratio Lower Upper
165 100
63 55.3 44.2 66.4
89 84.3 67.4 101.2
182 2.9 2.3 3.5



#58
Fluorene
Concen: 38.294 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

Tgt Ion:166 Resp: 574597
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.7 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.273 ng

RT: 10.251 min Scan# 1387

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 150640

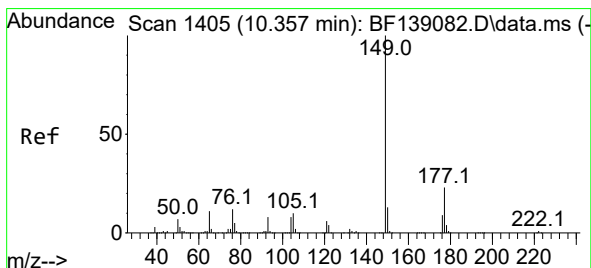
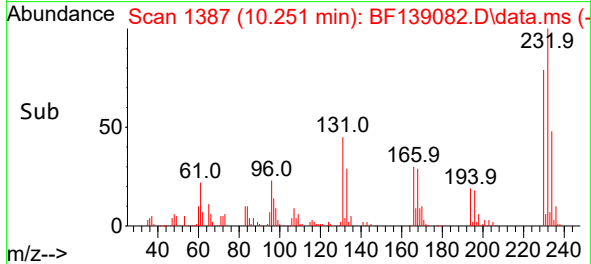
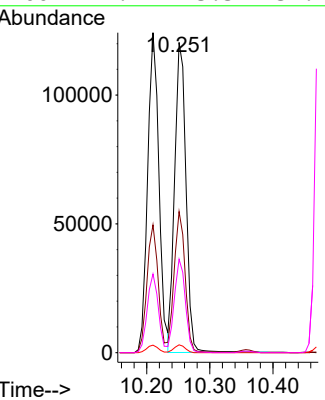
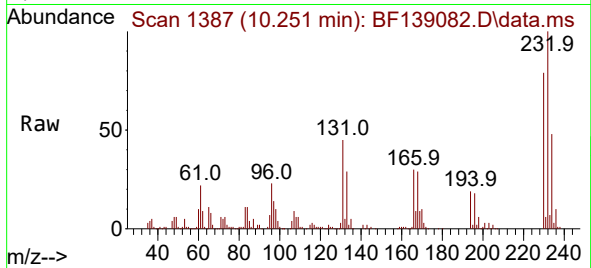
Ion Ratio Lower Upper

232 100

131 45.0 36.0 54.0

130 2.5 2.0 3.0

166 29.1 23.3 34.9



#60

Diethylphthalate

Concen: 40.322 ng

RT: 10.357 min Scan# 1405

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

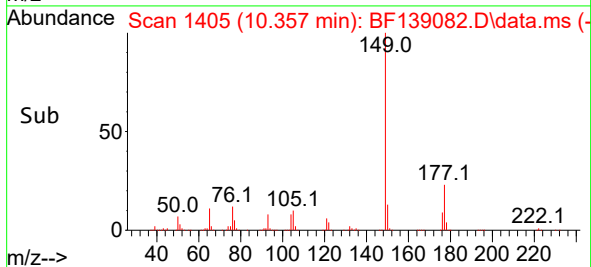
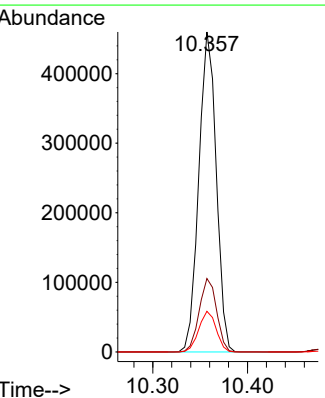
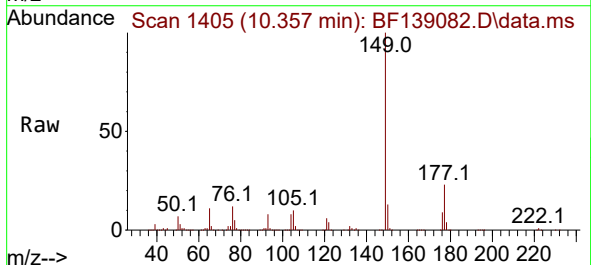
Tgt Ion:149 Resp: 587596

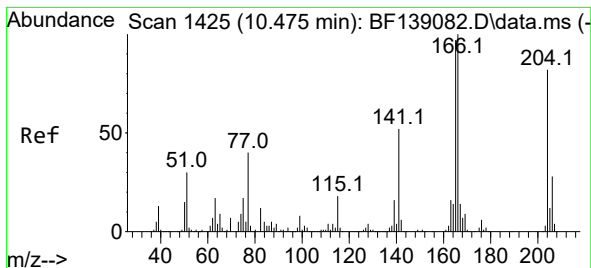
Ion Ratio Lower Upper

149 100

177 23.0 18.4 27.6

150 12.7 10.2 15.2

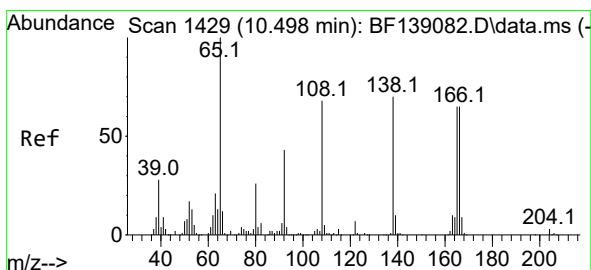
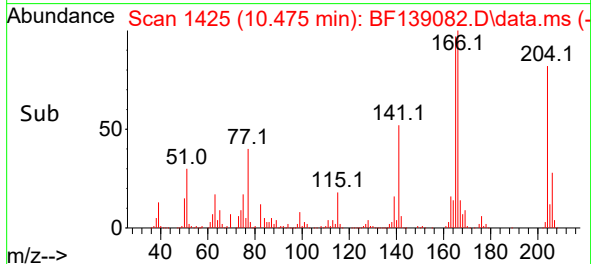
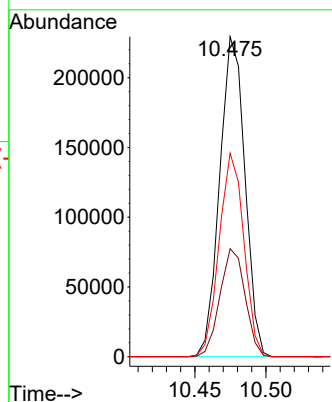
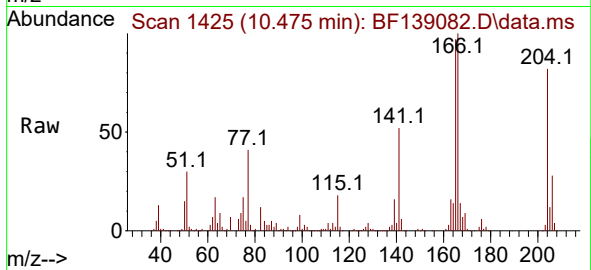




#61
4-Chlorophenyl-phenylether
Concen: 38.384 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

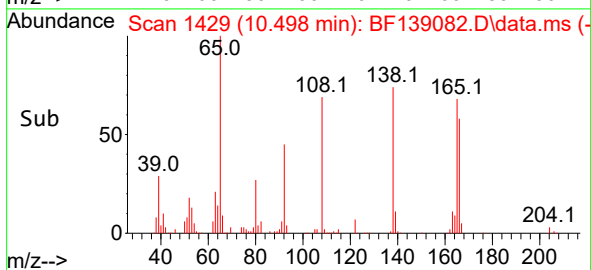
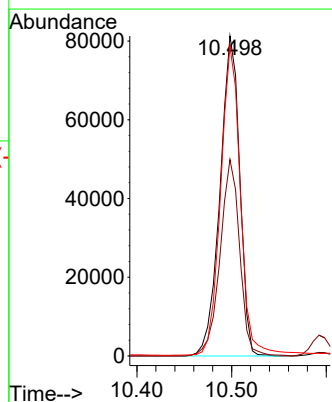
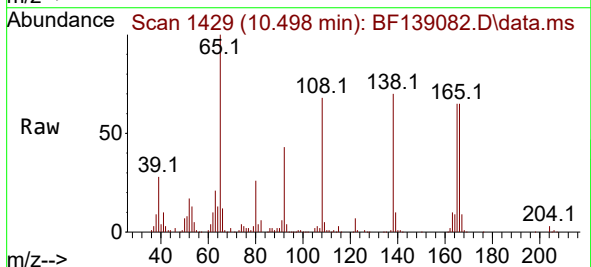
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

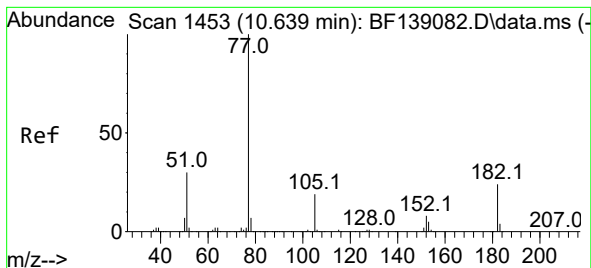
Tgt Ion:204 Resp: 283265
Ion Ratio Lower Upper
204 100
206 33.7 27.0 40.4
141 63.6 50.9 76.3



#62
4-Nitroaniline
Concen: 34.445 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

Tgt Ion:138 Resp: 117372
Ion Ratio Lower Upper
138 100
92 61.4 41.4 81.4
108 96.8 76.8 116.8





#63

Azobenzene

Concen: 39.666 ng

RT: 10.639 min Scan# 1453

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 641100

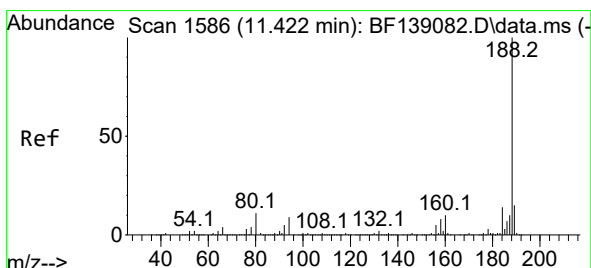
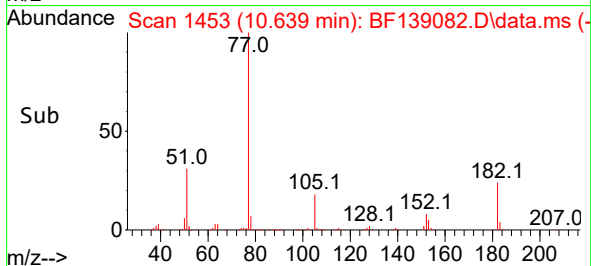
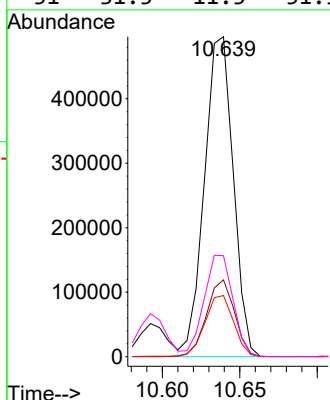
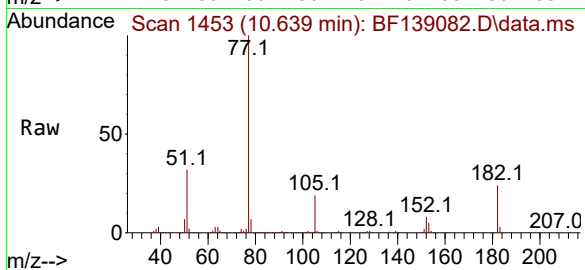
Ion Ratio Lower Upper

77 100

182 24.0 4.0 44.0

105 19.1 0.0 39.1

51 31.5 11.5 51.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

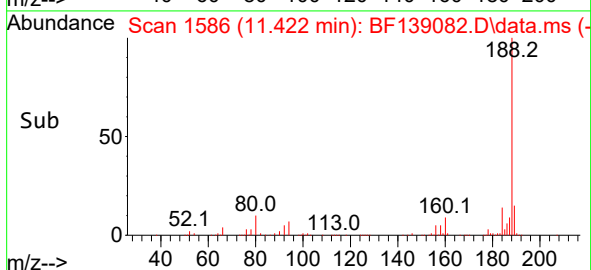
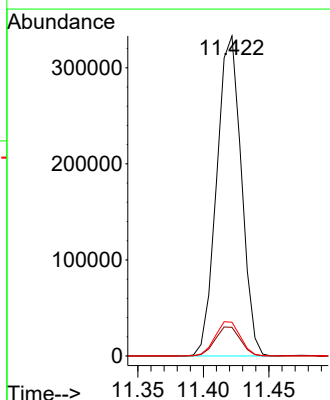
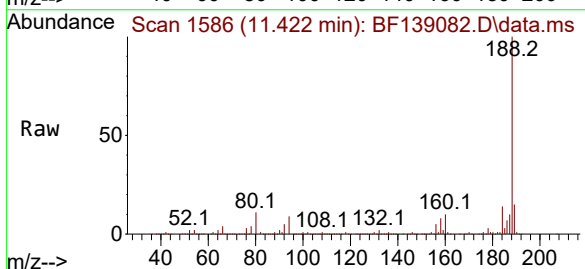
Tgt Ion: 188 Resp: 434981

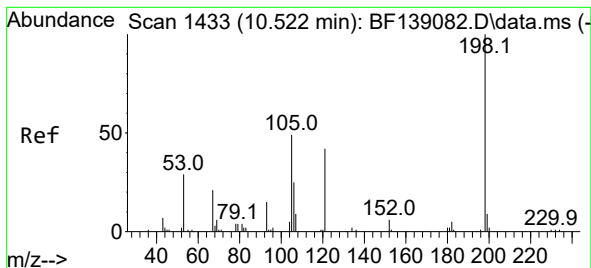
Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

80 10.6 8.5 12.7

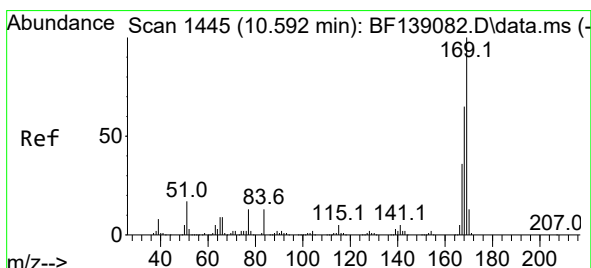
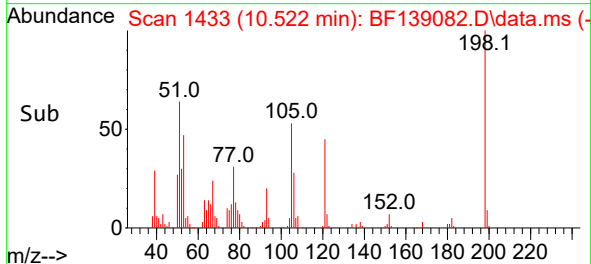
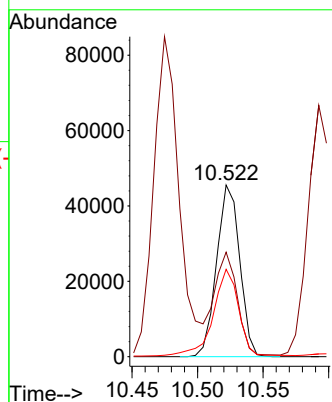
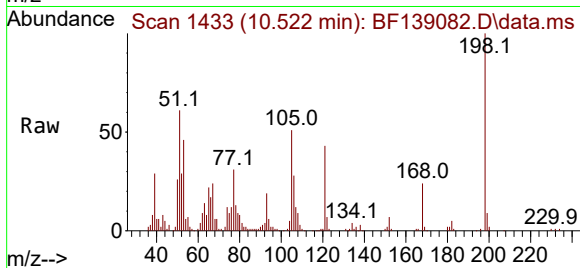




#65
4,6-Dinitro-2-methylphenol
Concen: 20.976 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

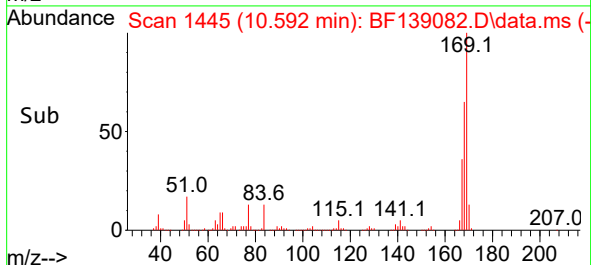
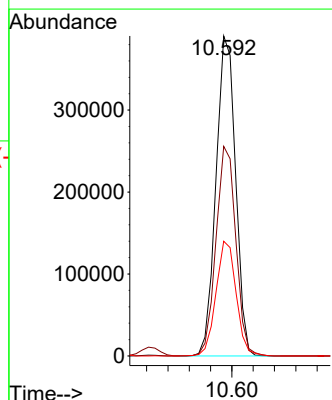
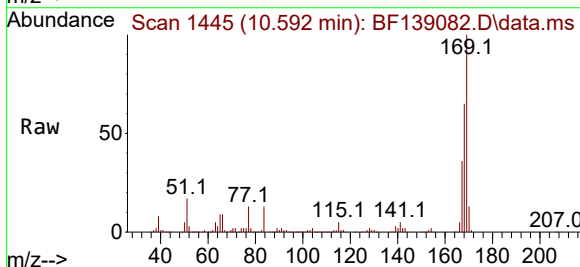
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

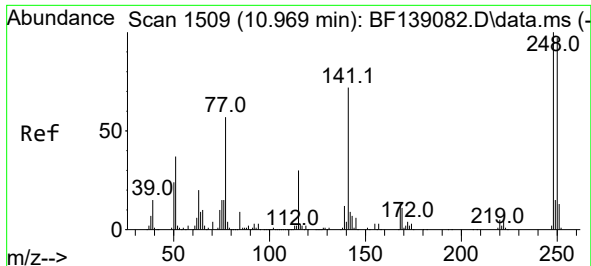
Tgt Ion:198 Resp: 55664
Ion Ratio Lower Upper
198 100
51 60.8 40.8 80.8
105 50.9 30.9 70.9



#66
n-Nitrosodiphenylamine
Concen: 36.543 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

Tgt Ion:169 Resp: 496856
Ion Ratio Lower Upper
169 100
168 65.5 52.4 78.6
167 35.8 28.6 43.0

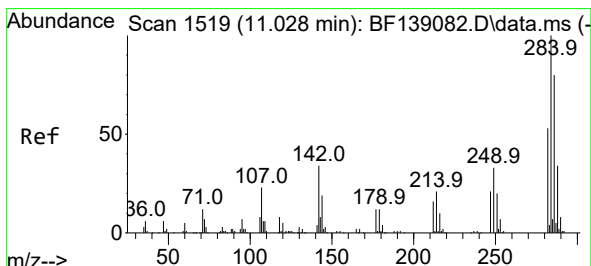
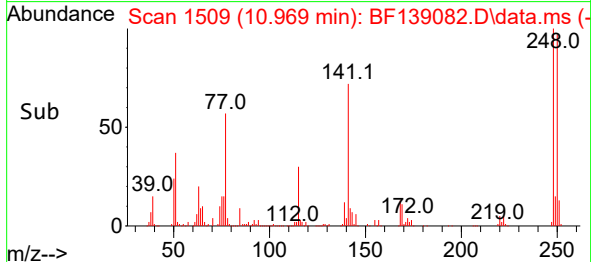
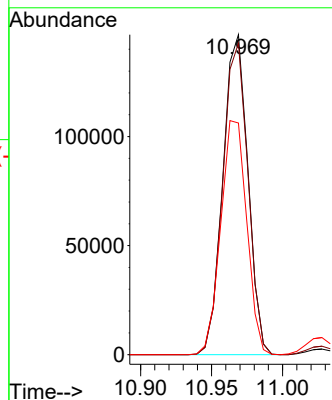
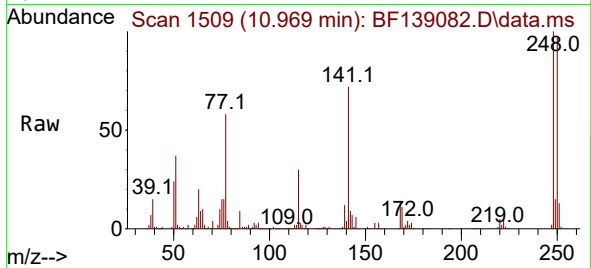




#67
4-Bromophenyl-phenylether
Concen: 38.215 ng
RT: 10.969 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

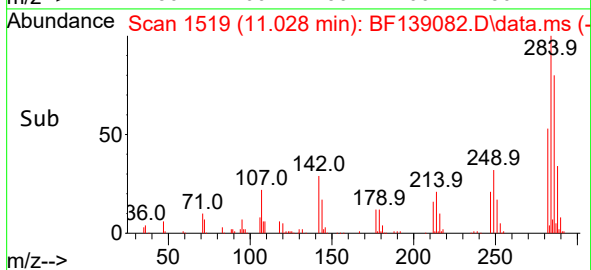
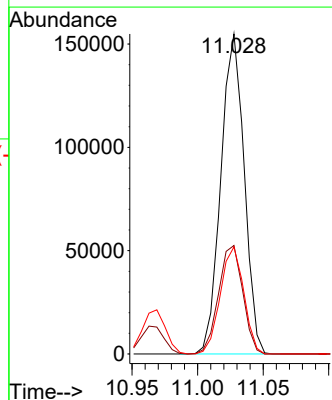
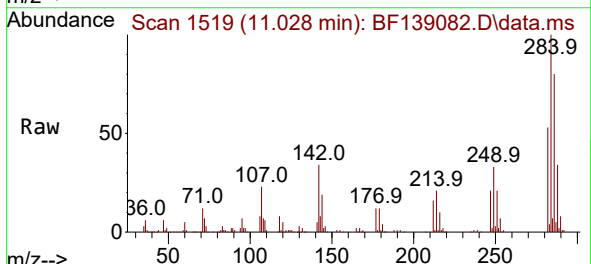
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

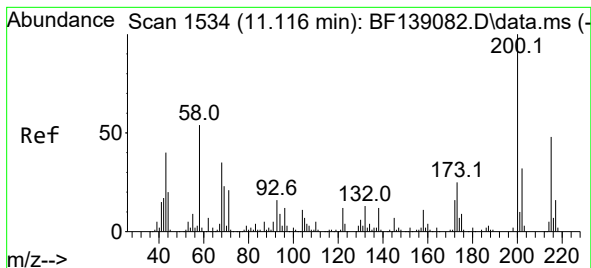
Tgt Ion:248 Resp: 179972
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.8
141 72.4 57.9 86.9



#68
Hexachlorobenzene
Concen: 39.376 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

Tgt Ion:284 Resp: 191471
Ion Ratio Lower Upper
284 100
142 33.9 27.1 40.7
249 33.5 26.8 40.2





#69

Atrazine

Concen: 36.571 ng

RT: 11.116 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

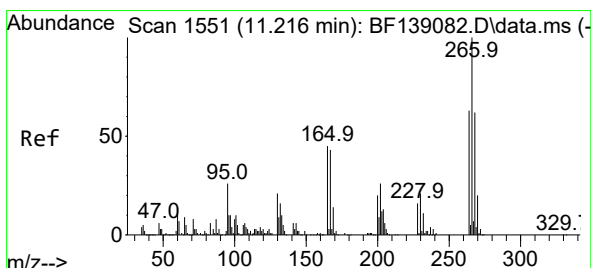
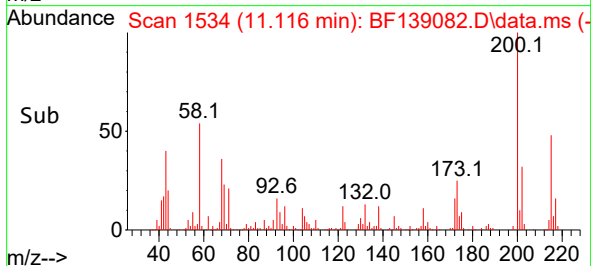
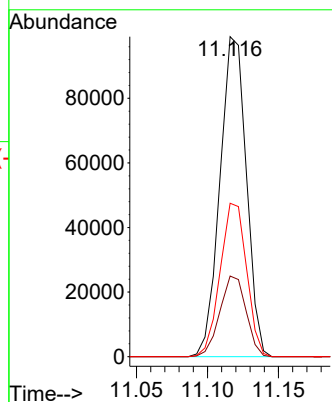
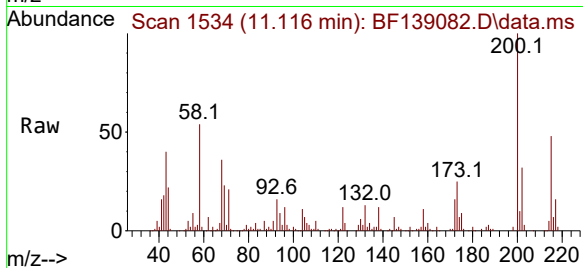
Tgt Ion:200 Resp: 128290

Ion Ratio Lower Upper

200 100

173 25.2 5.2 45.2

215 47.9 27.9 67.9



#70

Pentachlorophenol

Concen: 59.184 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

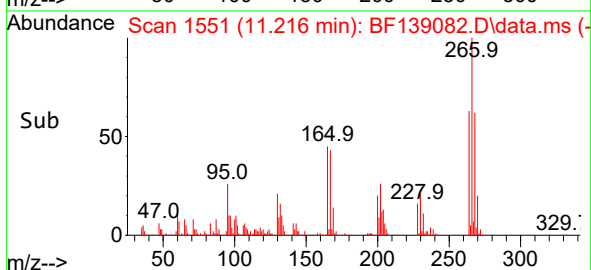
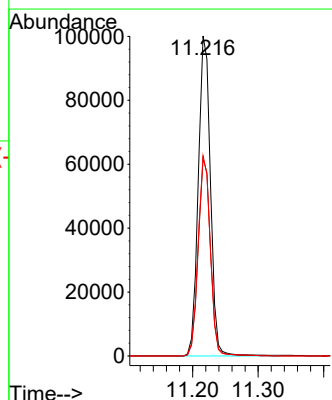
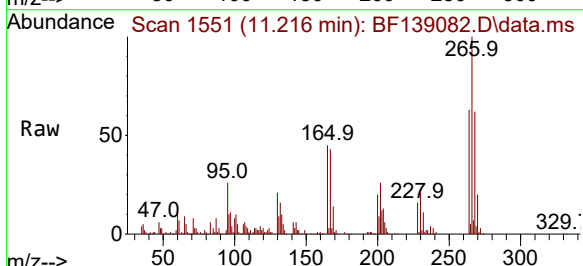
Tgt Ion:266 Resp: 129718

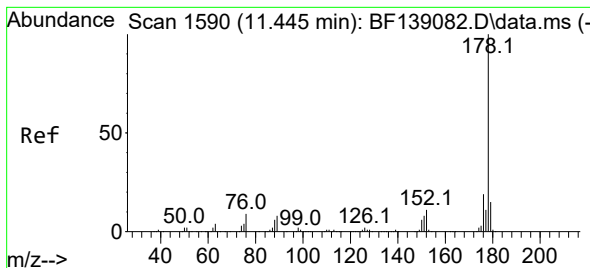
Ion Ratio Lower Upper

266 100

268 61.9 49.5 74.3

264 62.5 50.0 75.0





#71

Phenanthrene

Concen: 37.583 ng

RT: 11.445 min Scan# 1590

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

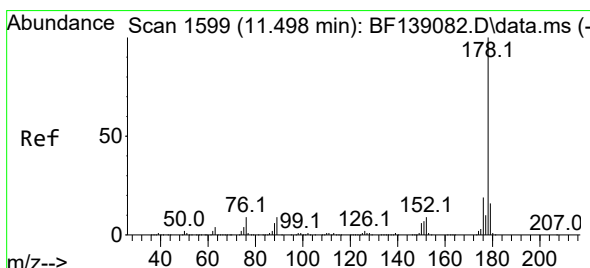
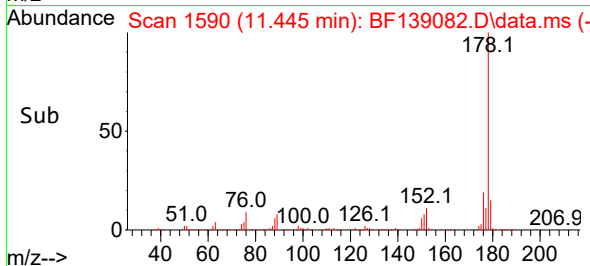
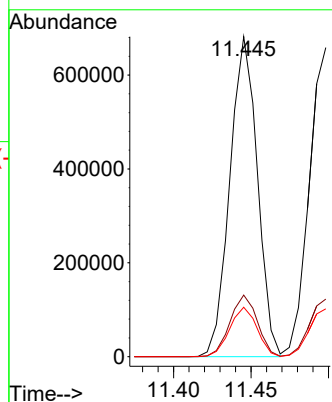
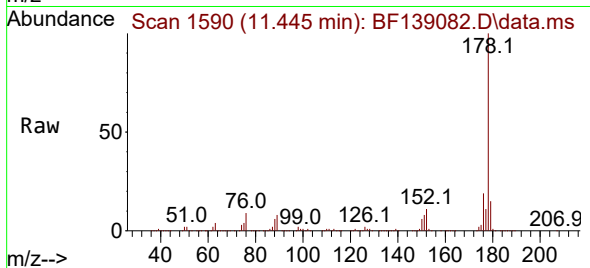
Tgt Ion:178 Resp: 841782

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.4 12.3 18.5



#72

Anthracene

Concen: 37.575 ng

RT: 11.498 min Scan# 1599

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

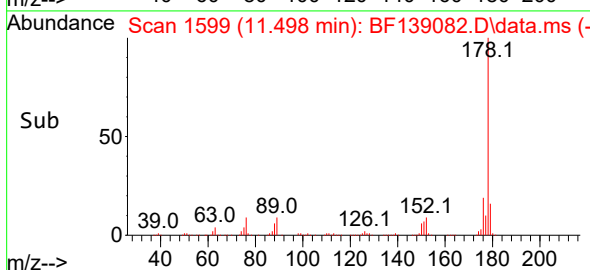
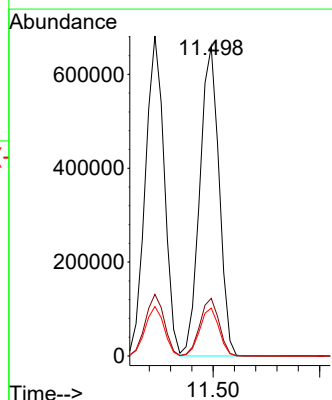
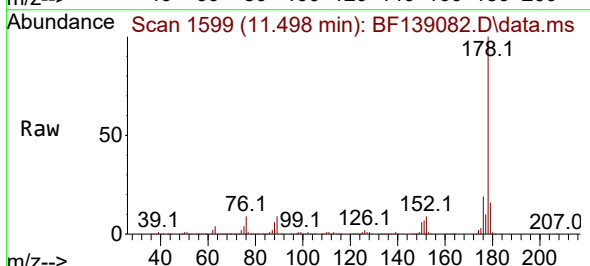
Tgt Ion:178 Resp: 829107

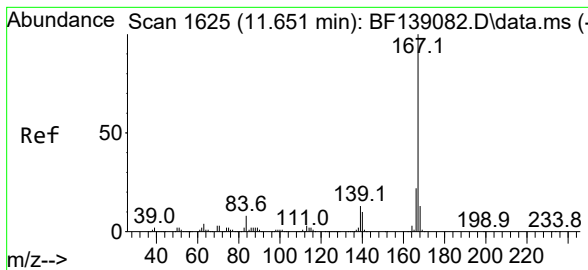
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.5 12.4 18.6

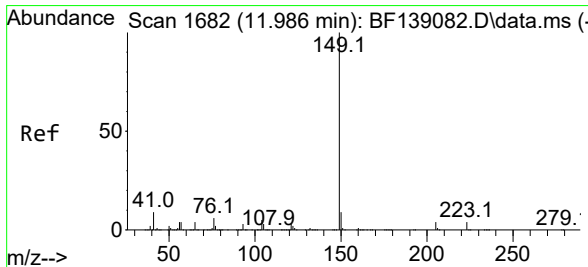
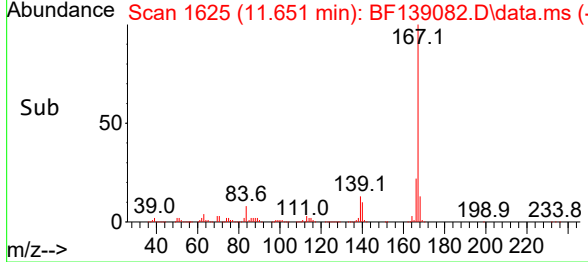
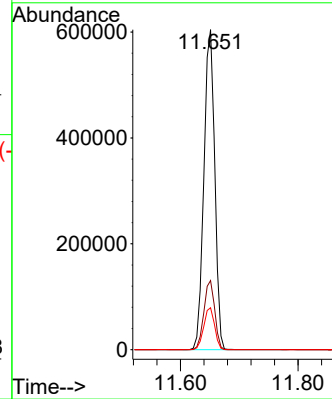
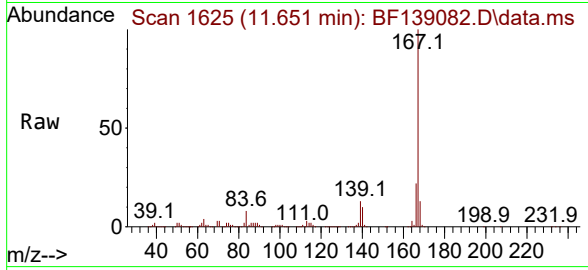




#73
 Carbazole
 Concen: 40.742 ng
 RT: 11.651 min Scan# 1625
 Delta R.T. 0.000 min
 Lab File: BF139082.D
 Acq: 20 Aug 2024 19:10

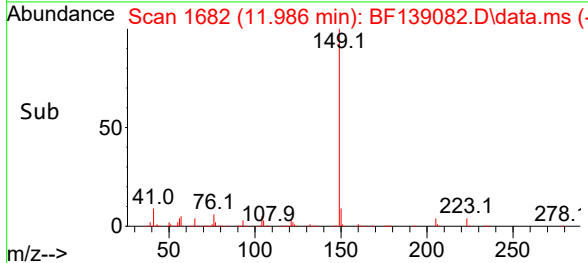
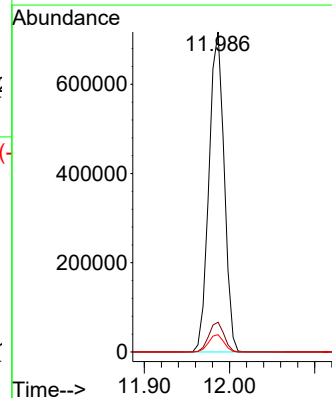
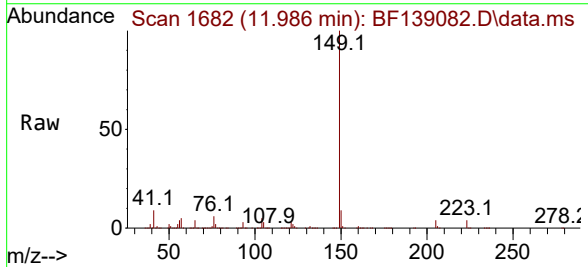
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

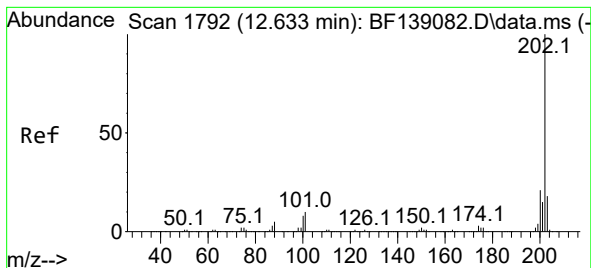
Tgt Ion:167 Resp: 775601
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 13.1 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 41.435 ng
 RT: 11.986 min Scan# 1682
 Delta R.T. 0.000 min
 Lab File: BF139082.D
 Acq: 20 Aug 2024 19:10

Tgt Ion:149 Resp: 886730
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.4 4.3 6.5





#75

Fluoranthene

Concen: 43.669 ng

RT: 12.633 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

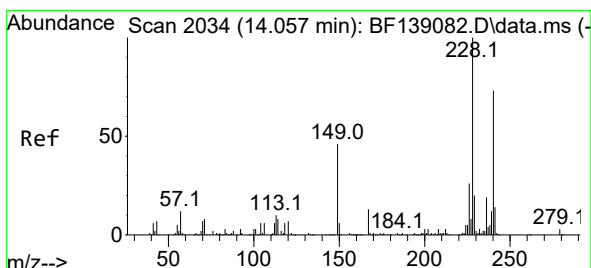
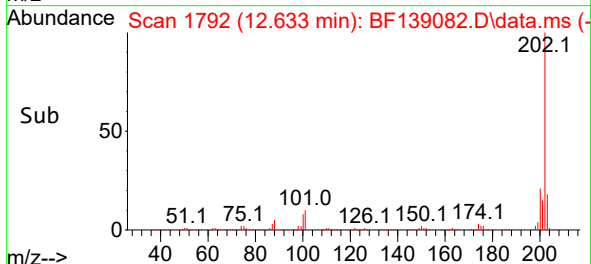
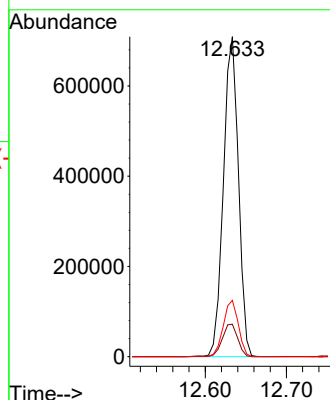
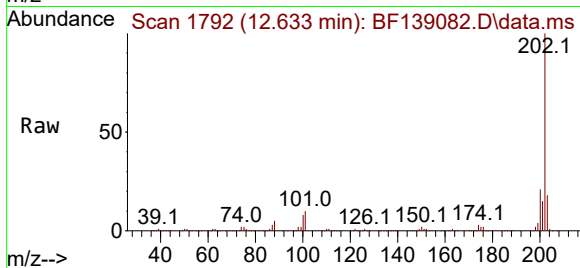
Tgt Ion:202 Resp: 913112

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.2

203 17.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

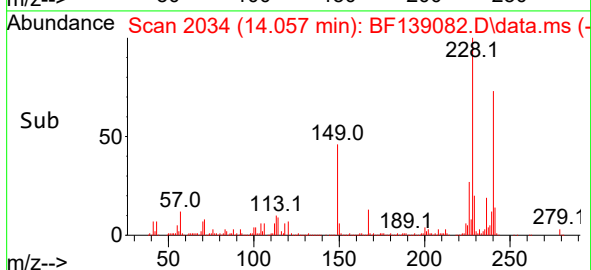
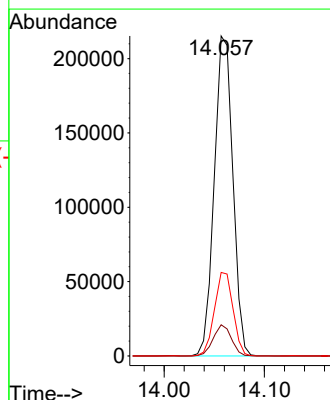
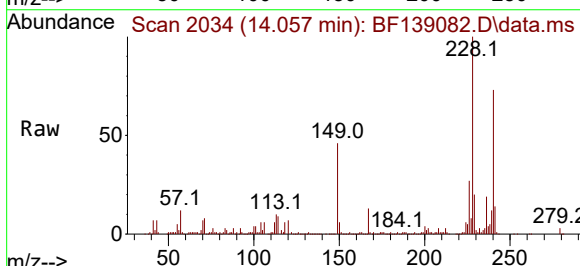
Tgt Ion:240 Resp: 276906

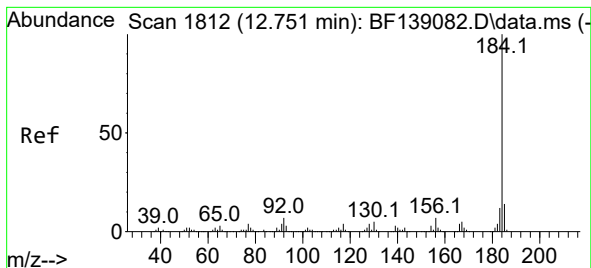
Ion Ratio Lower Upper

240 100

120 9.7 7.8 11.6

236 26.1 20.9 31.3





#77

Benzidine

Concen: 42.227 ng

RT: 12.751 min Scan# 1812

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

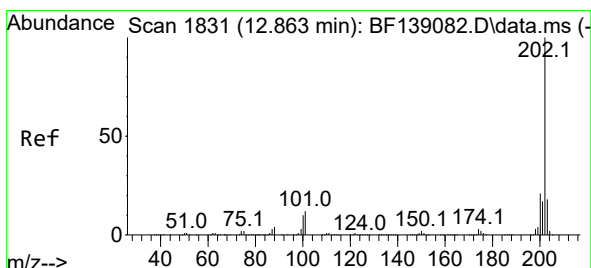
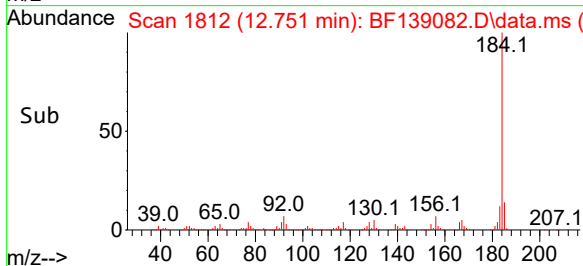
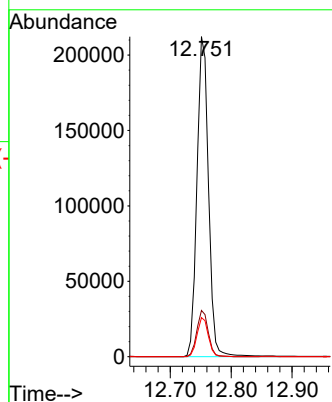
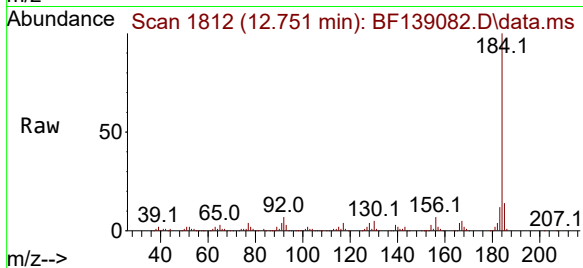
Tgt Ion:184 Resp: 279676

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

183 12.2 9.8 14.6



#78

Pyrene

Concen: 35.859 ng

RT: 12.863 min Scan# 1831

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

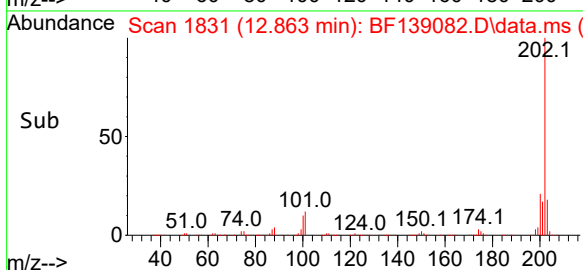
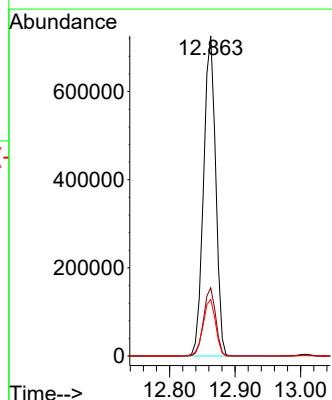
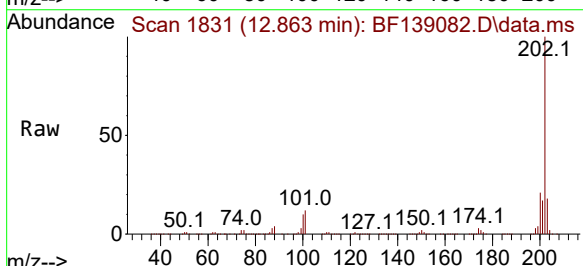
Tgt Ion:202 Resp: 934909

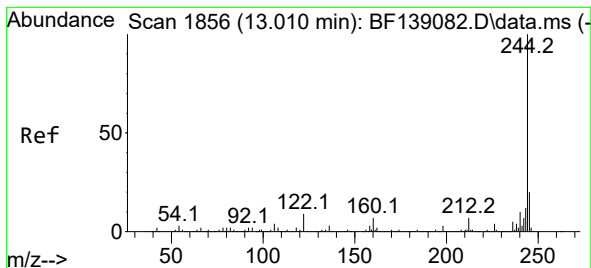
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 81.180 ng

RT: 13.010 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

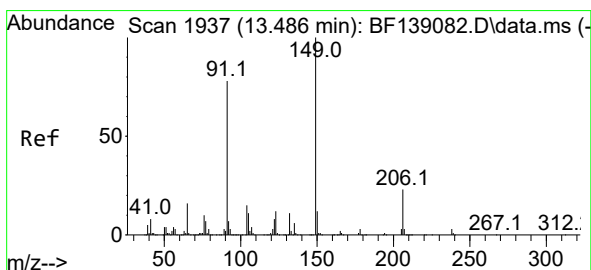
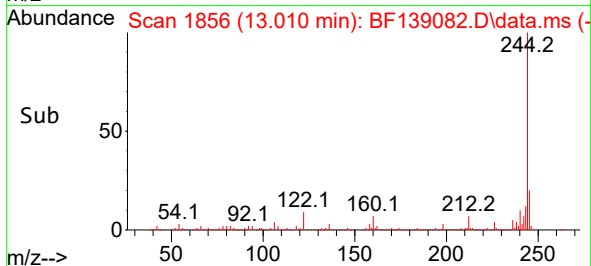
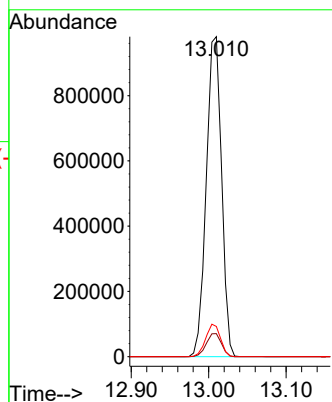
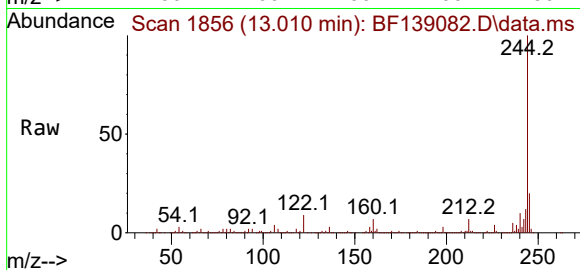
Tgt Ion:244 Resp: 1342629

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.5 7.6 11.4



#80

Butylbenzylphthalate

Concen: 40.465 ng

RT: 13.486 min Scan# 1937

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

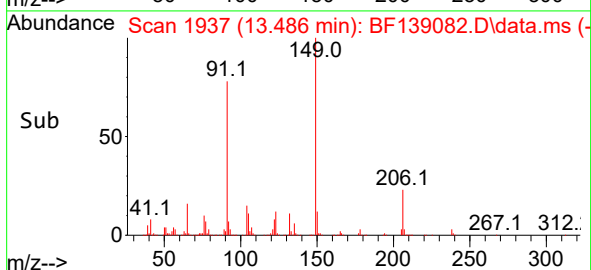
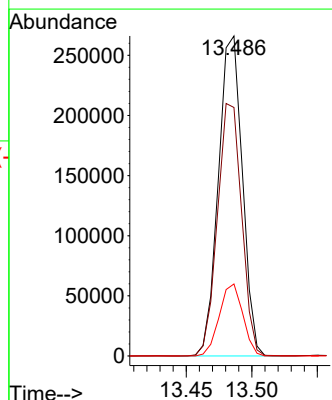
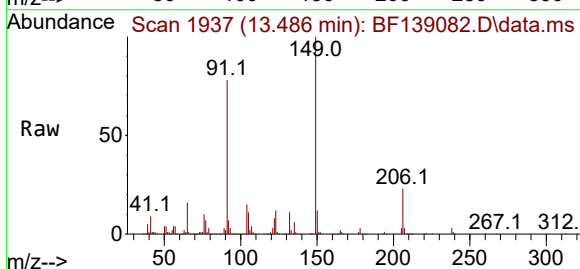
Tgt Ion:149 Resp: 337836

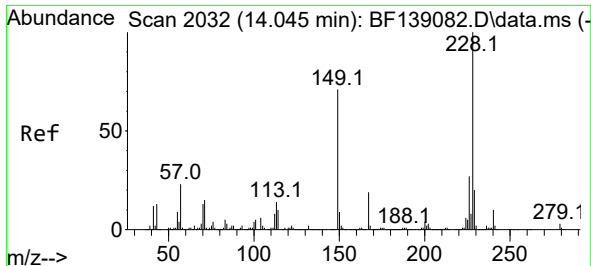
Ion Ratio Lower Upper

149 100

91 77.6 62.1 93.1

206 22.5 18.0 27.0

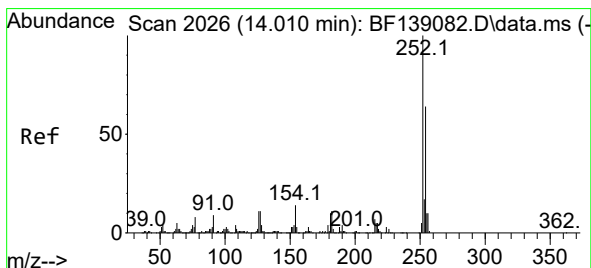
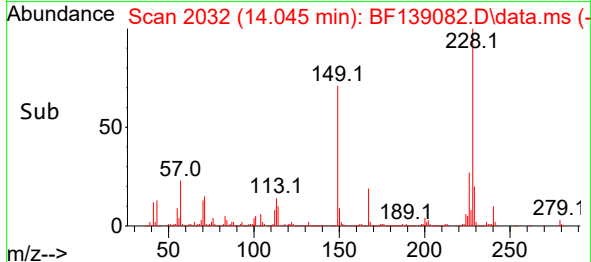
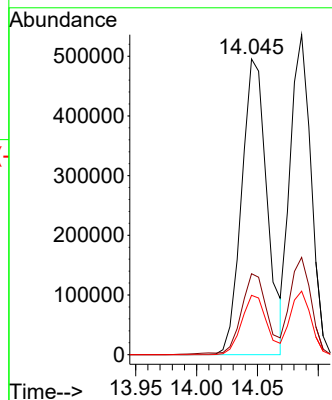
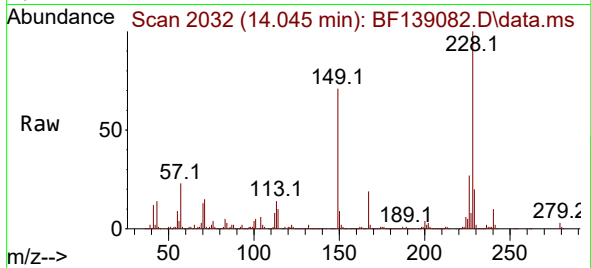




#81
Benzo(a)anthracene
Concen: 37.798 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

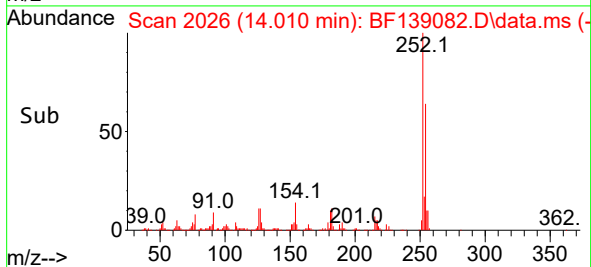
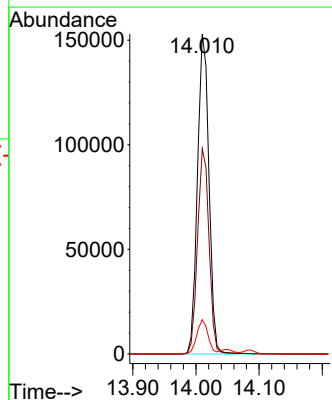
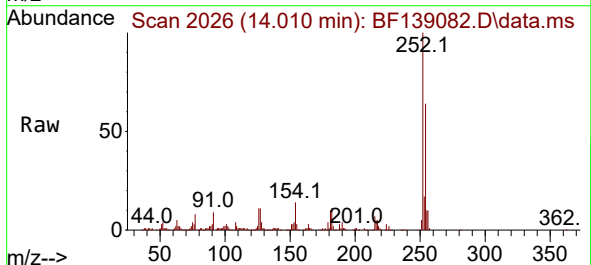
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

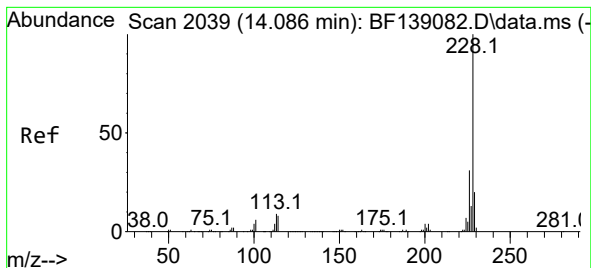
Tgt Ion:228 Resp: 720739
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 20.1 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 39.566 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

Tgt Ion:252 Resp: 193070
Ion Ratio Lower Upper
252 100
254 64.2 51.4 77.0
126 10.7 8.6 12.8





#83

Chrysene

Concen: 37.112 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

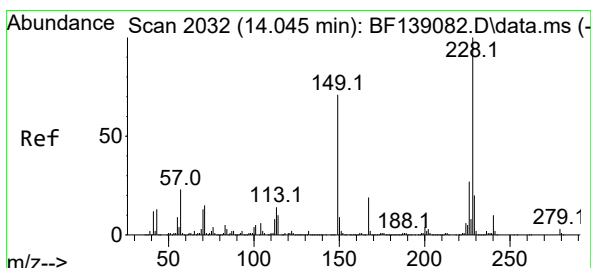
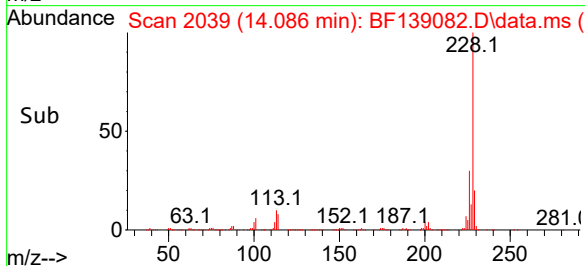
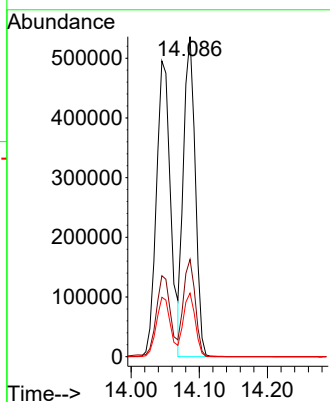
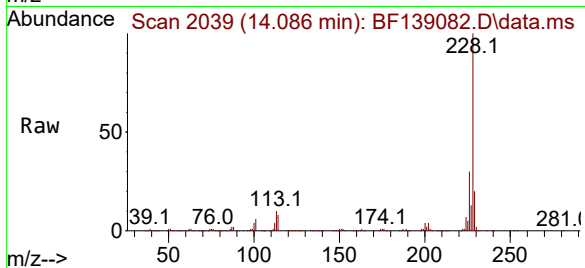
Tgt Ion:228 Resp: 638450

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.274 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

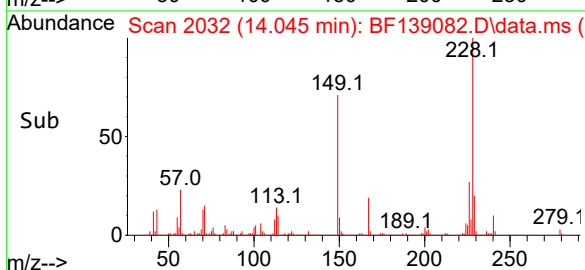
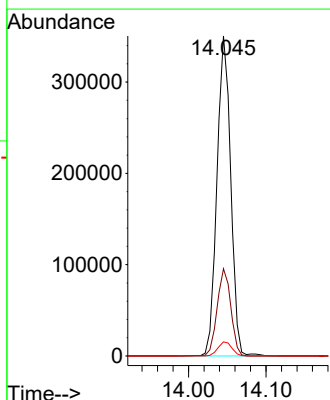
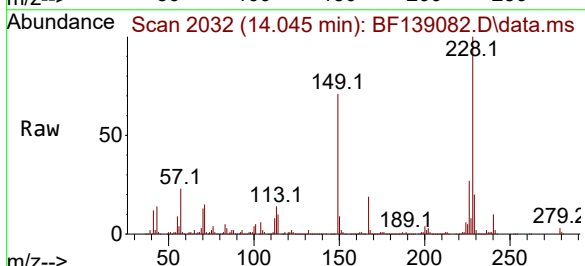
Tgt Ion:149 Resp: 431238

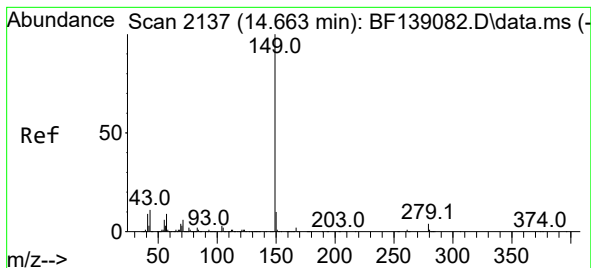
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.6

279 4.4 3.5 5.3

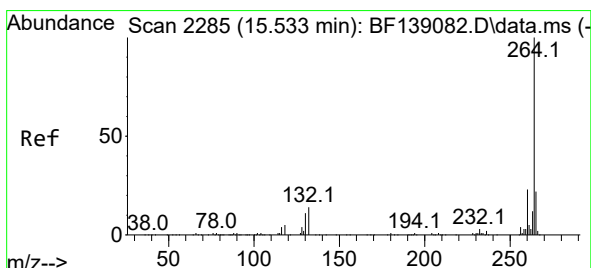
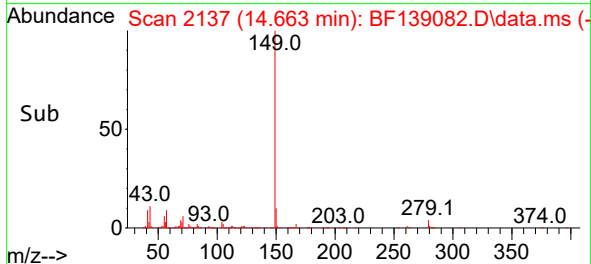
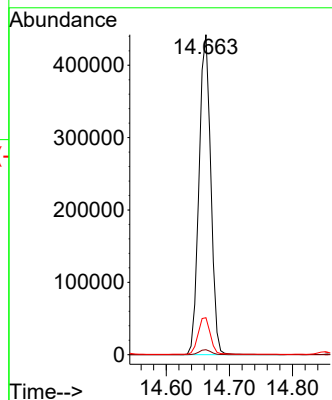
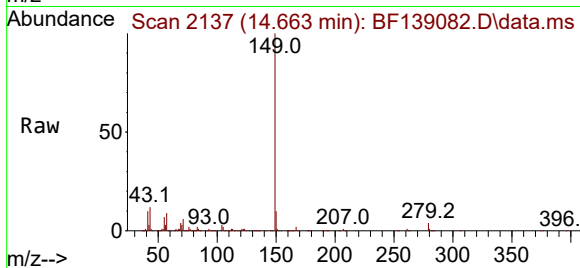




#85
Di-n-octyl phthalate
Concen: 25.211 ng
RT: 14.663 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

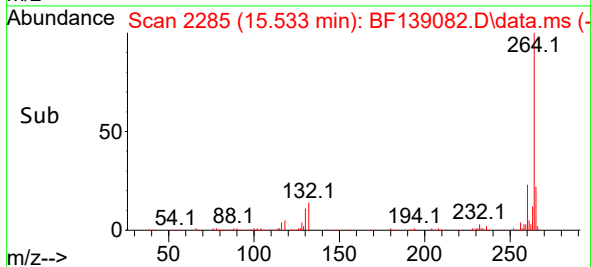
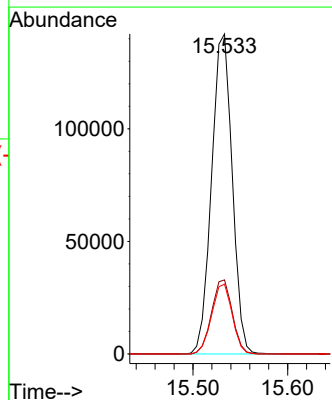
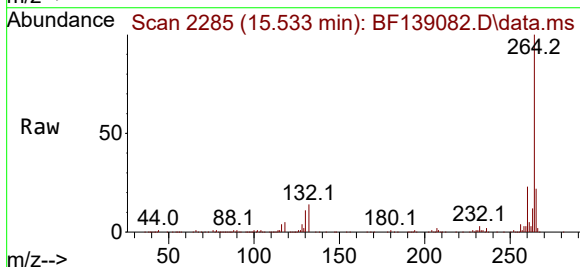
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

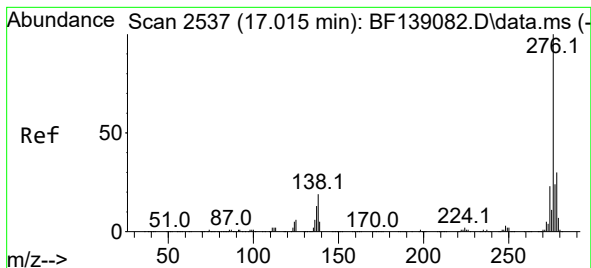
Tgt Ion:149 Resp: 570241
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.0 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

Tgt Ion:264 Resp: 215524
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 21.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.231 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

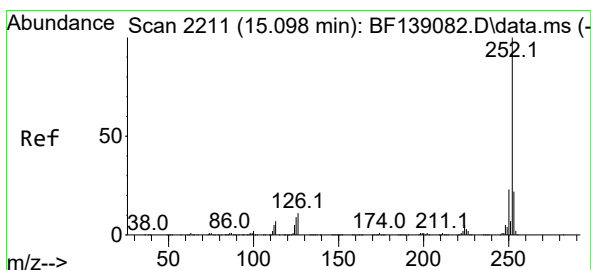
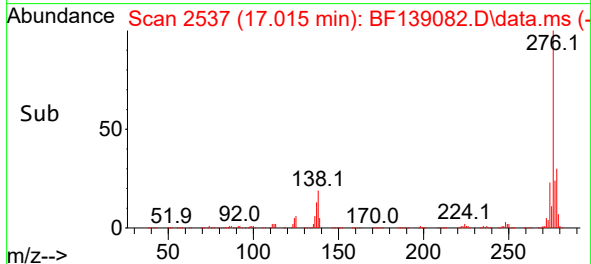
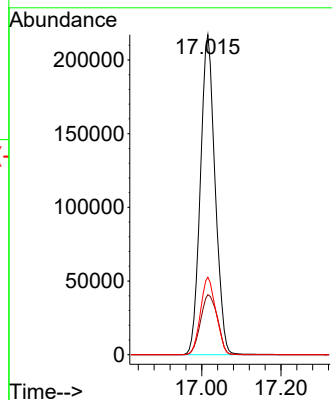
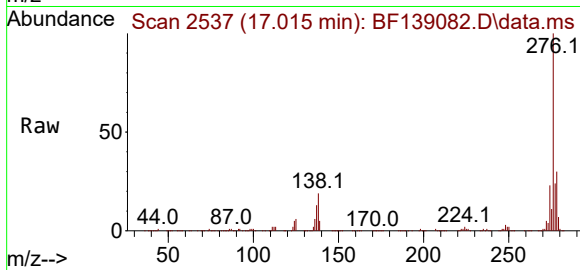
Tgt Ion:276 Resp: 559590

Ion Ratio Lower Upper

276 100

138 21.6 17.3 25.9

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 40.541 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

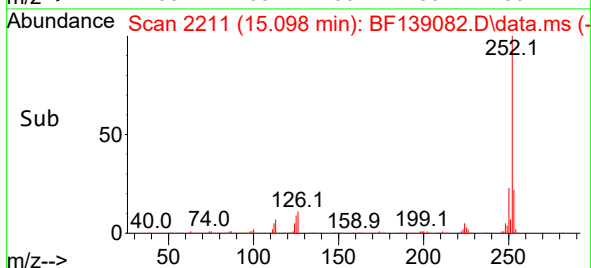
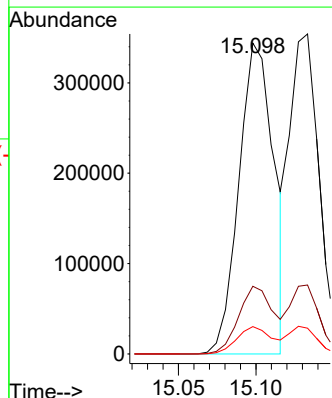
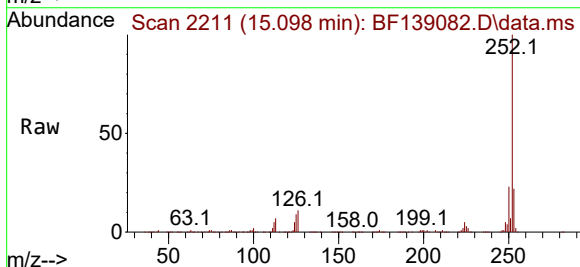
Tgt Ion:252 Resp: 541644

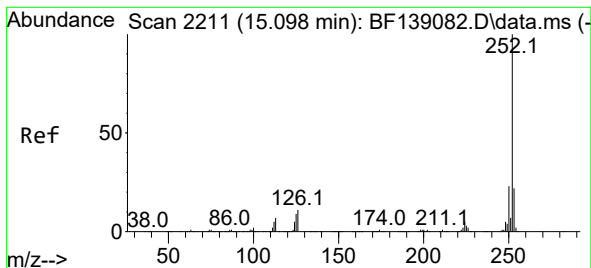
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 8.8 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 40.079 ng

RT: 15.133 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

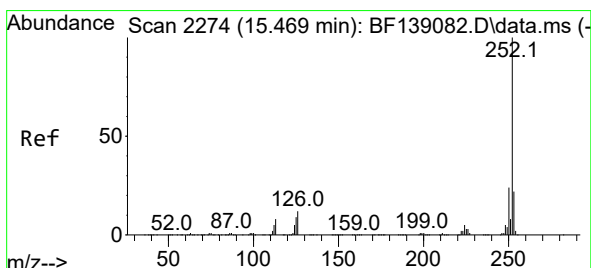
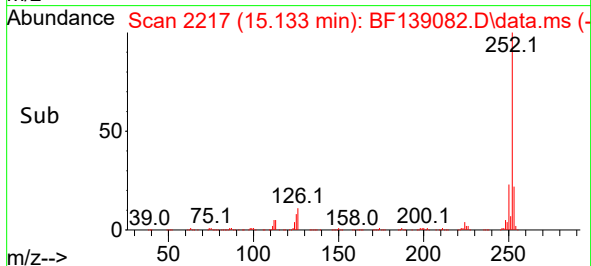
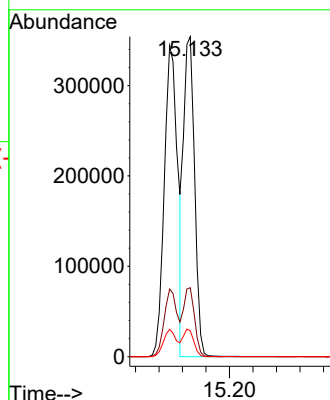
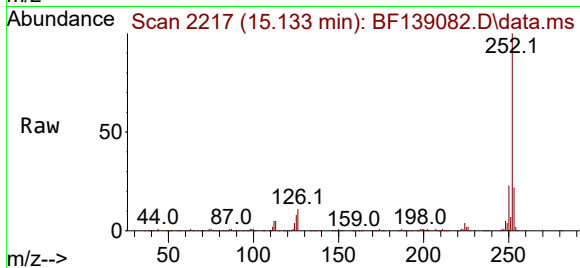
Tgt Ion:252 Resp: 463624

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 8.0 7.0 10.6



#90

Benzo(a)pyrene

Concen: 38.908 ng

RT: 15.469 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139082.D

Acq: 20 Aug 2024 19:10

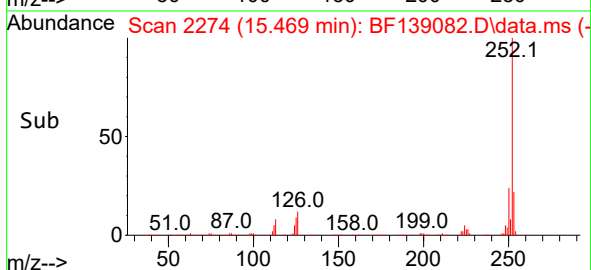
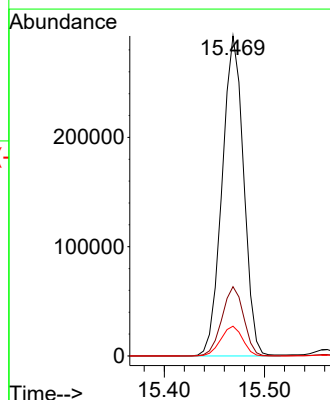
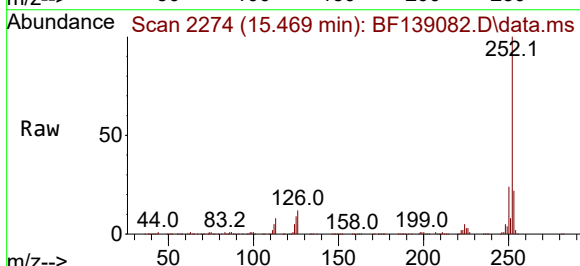
Tgt Ion:252 Resp: 437250

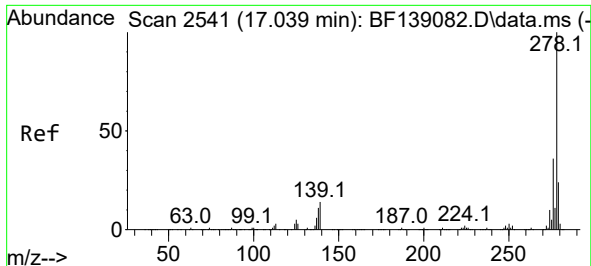
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 9.3 7.4 11.2

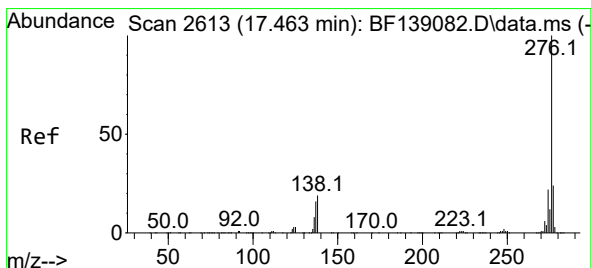
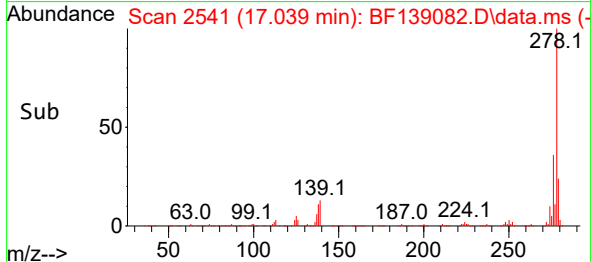
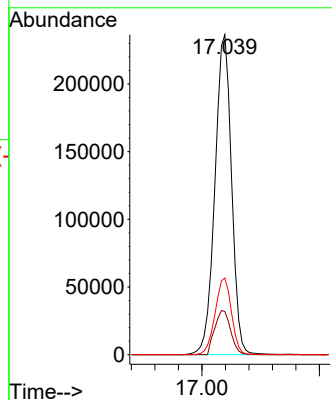
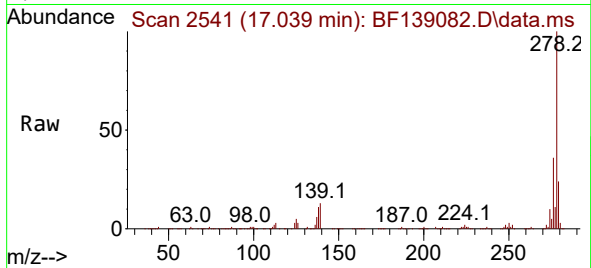




#91
Dibenzo(a,h)anthracene
Concen: 36.653 ng
RT: 17.039 min Scan# 2541
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 464705
Ion Ratio Lower Upper
278 100
139 13.5 10.8 16.2
279 24.0 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 36.226 ng
RT: 17.463 min Scan# 2613
Delta R.T. 0.000 min
Lab File: BF139082.D
Acq: 20 Aug 2024 19:10

Tgt Ion:276 Resp: 476605
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 18.7 15.0 22.4

