

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090424\
 Data File : BF139241.D
 Acq On : 04 Sep 2024 15:04
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Sep 04 15:49:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 15:37:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	127515	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	457942	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	244539	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	415965	20.000	ng	0.00
76) Chrysene-d12	14.057	240	201568	20.000	ng	0.00
86) Perylene-d12	15.527	264	239117	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1143525	150.019	ng	0.00
7) Phenol-d6	6.528	99	1512182	148.604	ng	0.01
23) Nitrobenzene-d5	7.463	82	1369208	154.777	ng	0.01
42) 2,4,6-Tribromophenol	10.722	330	319032	151.083	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2188035	138.119	ng	0.00
79) Terphenyl-d14	13.004	244	1622223	129.942	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.675	88	270557	76.220	ng	97
3) Pyridine	3.434	79	648580	75.694	ng	99
4) n-Nitrosodimethylamine	3.410	42	440449	79.158	ng	99
6) Aniline	6.557	93	408744	43.681	ng	# 58
8) 2-Chlorophenol	6.681	128	582968	73.795	ng	99
9) Benzaldehyde	6.445	77	356618	57.895	ng	100
10) Phenol	6.545	94	771073	71.838	ng	91
11) bis(2-Chloroethyl)ether	6.634	93	556619	72.385	ng	100
12) 1,3-Dichlorobenzene	6.834	146	653489	73.084	ng	98
13) 1,4-Dichlorobenzene	6.910	146	656935	73.402	ng	100
14) 1,2-Dichlorobenzene	7.069	146	598742	71.730	ng	100
15) Benzyl Alcohol	7.034	79	561575	75.673	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1082303	73.935	ng	98
17) 2-Methylphenol	7.145	107	492930	76.388	ng	98
18) Hexachloroethane	7.404	117	242562	75.884	ng	97
19) n-Nitroso-di-n-propyla...	7.316	70	443103	74.957	ng	99
20) 3+4-Methylphenols	7.304	107	591902	72.780	ng	# 90
22) Acetophenone	7.310	105	797363	73.087	ng	99
24) Nitrobenzene	7.481	77	722533	77.333	ng	99
25) Isophorone	7.722	82	1171801	77.862	ng	99
26) 2-Nitrophenol	7.792	139	309519	84.346	ng	99
27) 2,4-Dimethylphenol	7.828	122	403848	77.165	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	683085	76.182	ng	99
29) 2,4-Dichlorophenol	8.034	162	479655	76.545	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	531968	74.331	ng	99
31) Naphthalene	8.198	128	1699140	73.268	ng	99
32) Benzoic acid	7.969	122	359661	75.594	ng	99
33) 4-Chloroaniline	8.251	127	610316	76.006	ng	99
34) Hexachlorobutadiene	8.310	225	334585	73.779	ng	99
35) Caprolactam	8.639	113	153663	79.211	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	530535	77.694	ng	99
37) 2-Methylnaphthalene	8.886	142	1062054	73.198	ng	98
38) 1-Methylnaphthalene	8.986	142	1036365	72.626	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	507997	73.424	ng	99
41) Hexachlorocyclopentadiene	9.039	237	181258	81.520	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	359572	79.432	ng	99

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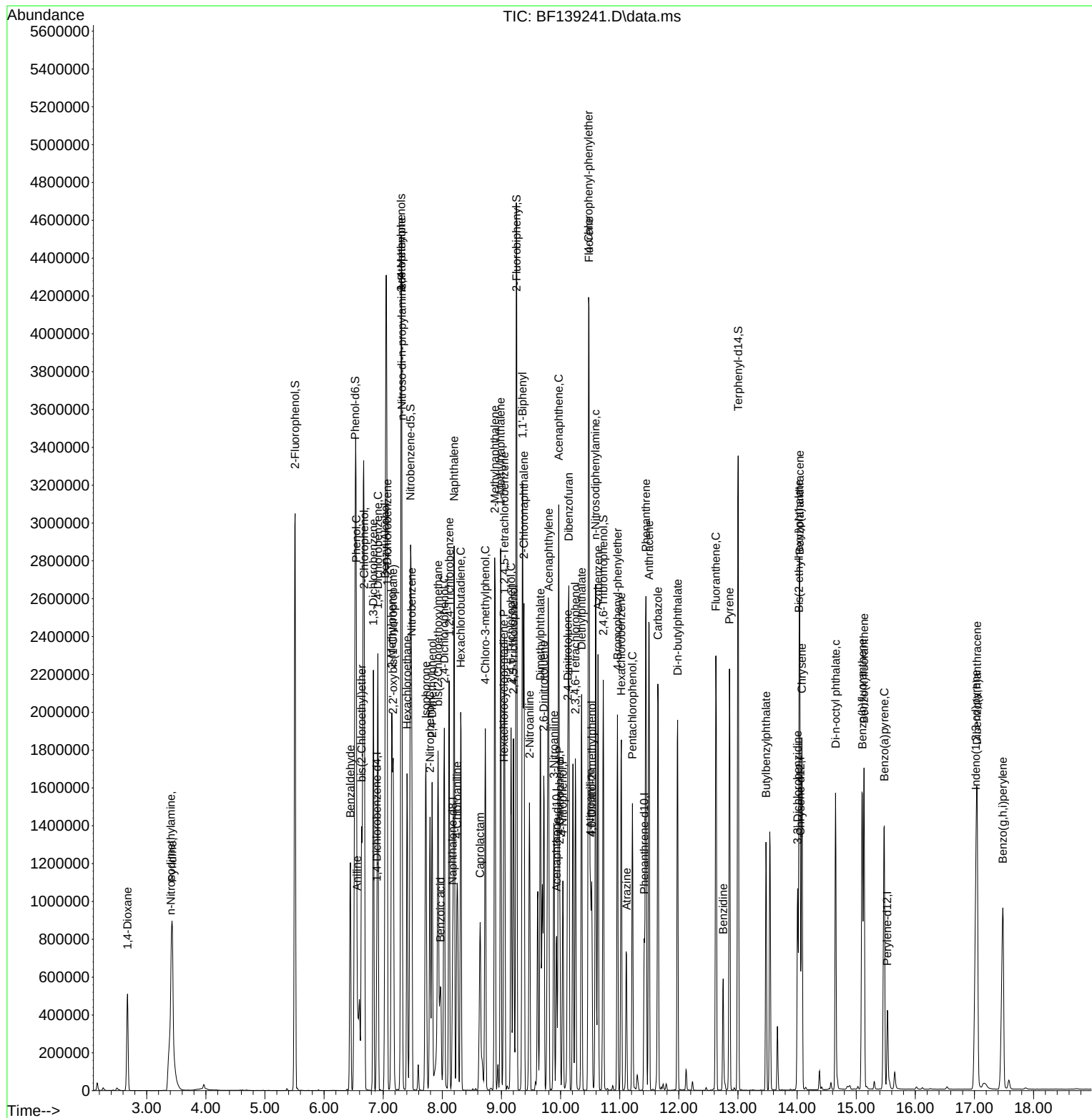
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	355810	75.007	ng	97
46) 1,1'-Biphenyl	9.357	154	1304577	72.005	ng	100
47) 2-Chloronaphthalene	9.381	162	1003927	73.383	ng	99
48) 2-Nitroaniline	9.475	65	385815	81.876	ng	99
49) Acenaphthylene	9.798	152	1502369	72.913	ng	99
50) Dimethylphthalate	9.657	163	1115343	75.252	ng	99
51) 2,6-Dinitrotoluene	9.716	165	265908	79.082	ng	97
52) Acenaphthene	9.969	154	1029705	75.345	ng	99
53) 3-Nitroaniline	9.886	138	278978	77.873	ng	97
54) 2,4-Dinitrophenol	9.986	184	144257	81.708	ng	89
55) Dibenzofuran	10.139	168	1416885	72.313	ng	99
56) 4-Nitrophenol	10.039	139	212475	80.356	ng	99
57) 2,4-Dinitrotoluene	10.122	165	340385	79.535	ng	98
58) Fluorene	10.480	166	1087972	71.618	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	281137	75.290	ng	99
60) Diethylphthalate	10.357	149	1101184	75.496	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	521078	71.126	ng	100
62) 4-Nitroaniline	10.504	138	258632	75.842	ng	99
63) Azobenzene	10.633	77	1142765	74.336	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	175489	91.305	ng	98
66) n-Nitrosodiphenylamine	10.592	169	928685	76.699	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	311461	77.173	ng	98
68) Hexachlorobenzene	11.028	284	355446	76.934	ng	100
69) Atrazine	11.116	200	112933	40.427	ng	99
70) Pentachlorophenol	11.216	266	224823	84.241	ng	98
71) Phenanthrene	11.445	178	1417601	72.951	ng	99
72) Anthracene	11.498	178	1392156	73.339	ng	99
73) Carbazole	11.645	167	1254672	70.719	ng	99
74) Di-n-butylphthalate	11.980	149	1345040	74.042	ng	100
75) Fluoranthene	12.627	202	1328560	68.196	ng	99
77) Benzidine	12.751	184	316842	78.066	ng	100
78) Pyrene	12.857	202	1314545	67.511	ng	99
80) Butylbenzylphthalate	13.474	149	393762	85.903	ng	99
81) Benzo(a)anthracene	14.045	228	969777	75.346	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	303868	88.898	ng	99
83) Chrysene	14.080	228	929191	77.350	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	504517	93.773	ng	100
85) Di-n-octyl phthalate	14.651	149	950223	92.249	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	1182466	79.158	ng	99
88) Benzo(b)fluoranthene	15.104	252	1049307	76.199	ng	100
89) Benzo(k)fluoranthene	15.133	252	944975	76.534	ng	100
90) Benzo(a)pyrene	15.474	252	926878	79.267	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	966455	78.508	ng	99
92) Benzo(g,h,i)perylene	17.480	276	987345	77.701	ng	99

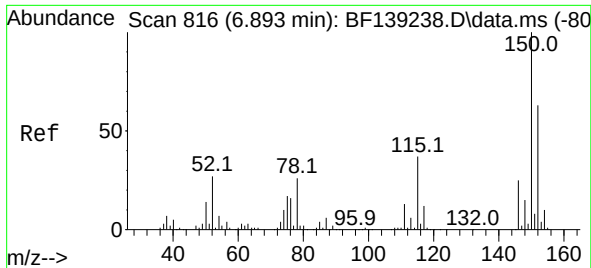
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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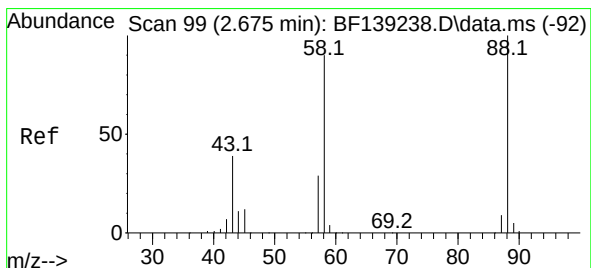
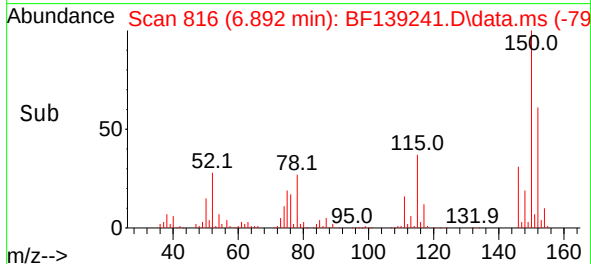
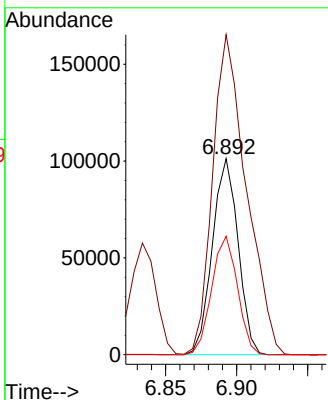
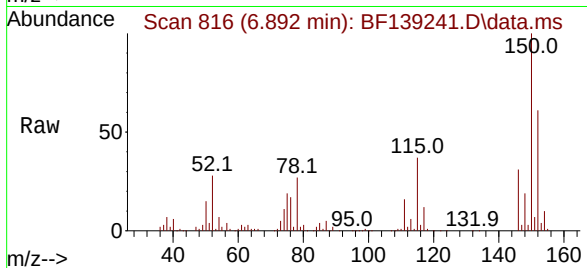




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. -0.001 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

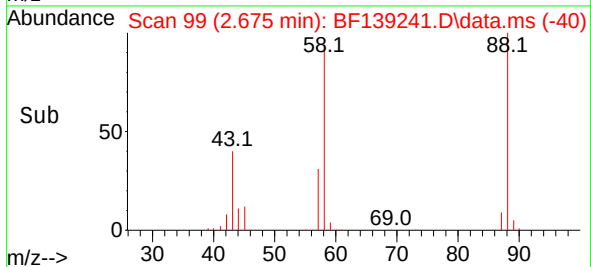
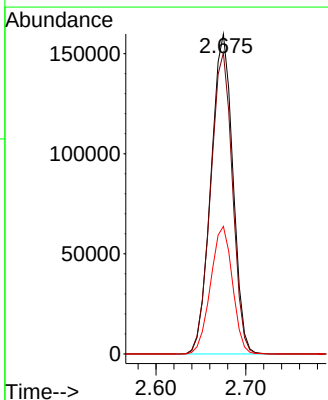
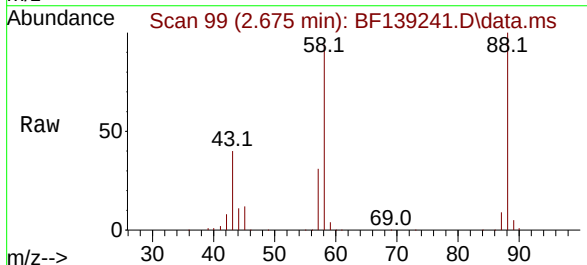
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

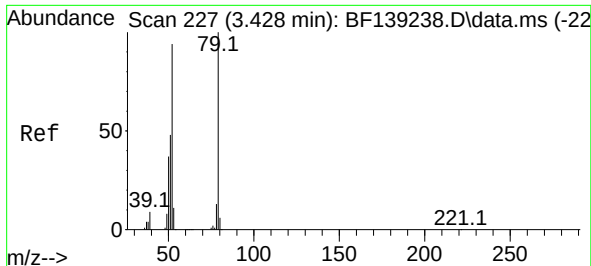
Tgt Ion:152 Resp: 127515
Ion Ratio Lower Upper
152 100
150 163.3 127.0 190.4
115 60.4 46.9 70.3



#2
1,4-Dioxane
Concen: 76.220 ng
RT: 2.675 min Scan# 99
Delta R.T. -0.000 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

Tgt Ion: 88 Resp: 270557
Ion Ratio Lower Upper
88 100
58 93.9 72.5 108.7
43 39.8 31.4 47.2





#3

Pyridine

Concen: 75.694 ng

RT: 3.434 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

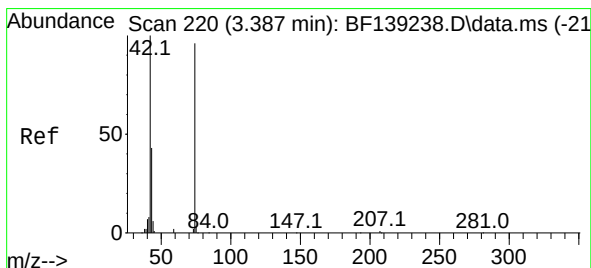
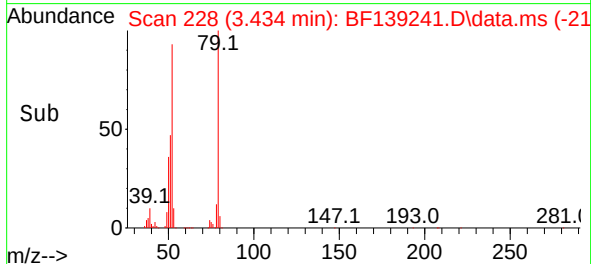
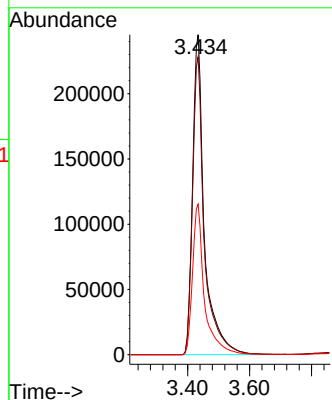
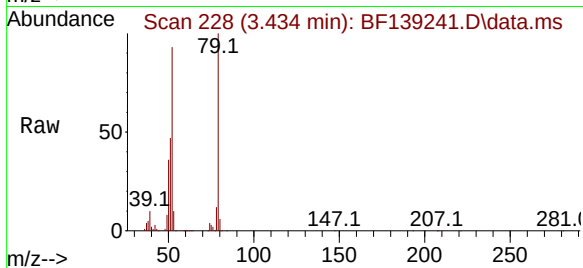
Tgt Ion: 79 Resp: 648580

Ion Ratio Lower Upper

79 100

52 93.1 75.3 112.9

51 47.0 38.2 57.2



#4

n-Nitrosodimethylamine

Concen: 79.158 ng

RT: 3.410 min Scan# 224

Delta R.T. 0.023 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

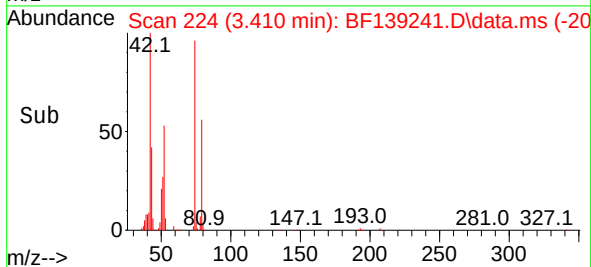
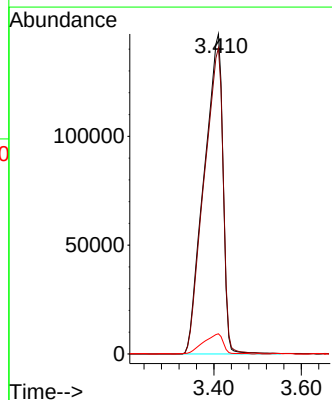
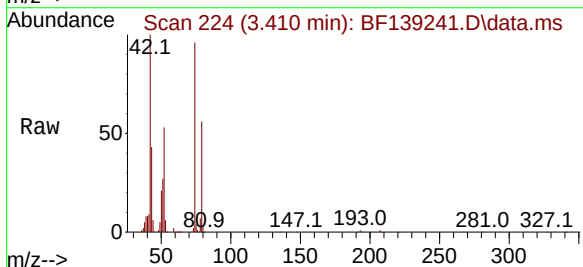
Tgt Ion: 42 Resp: 440449

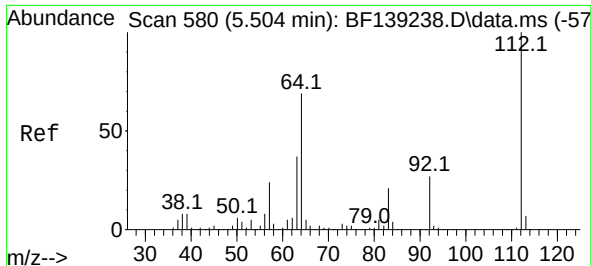
Ion Ratio Lower Upper

42 100

74 95.6 77.2 115.8

44 6.3 5.1 7.7

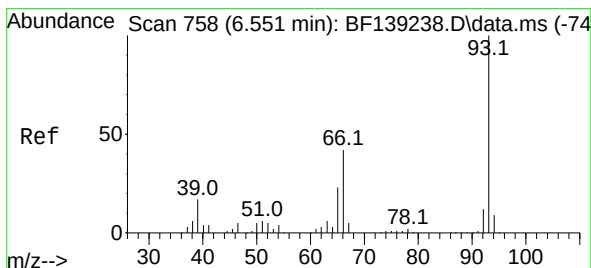
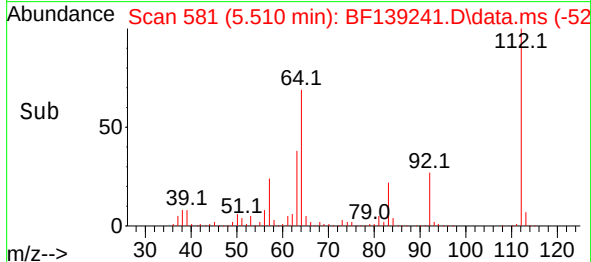
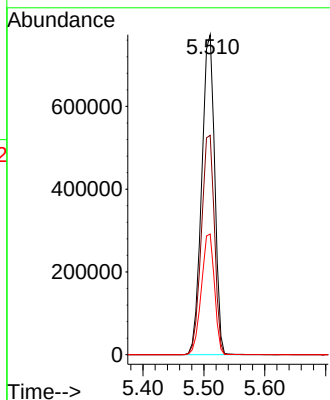
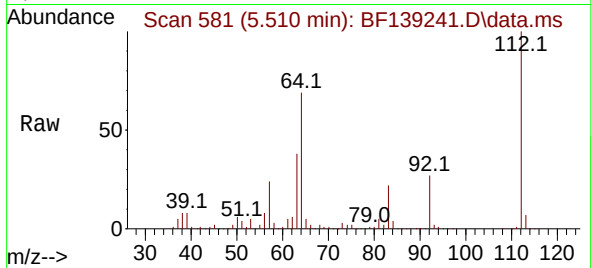




#5
2-Fluorophenol
Concen: 150.019 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

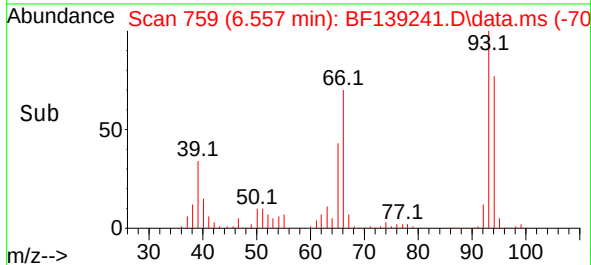
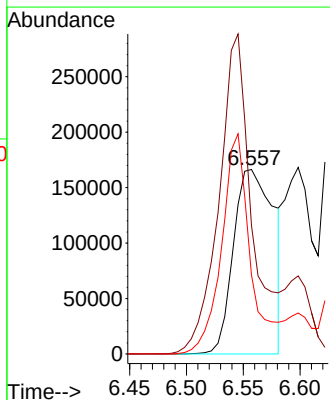
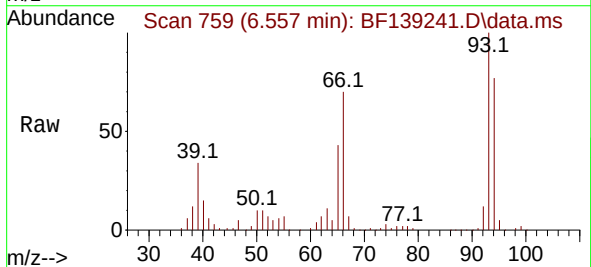
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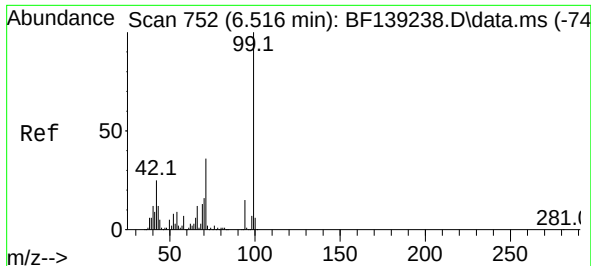
Tgt Ion:112 Resp: 1143525
Ion Ratio Lower Upper
112 100
64 68.6 55.0 82.4
63 37.7 29.9 44.9



#6
Aniline
Concen: 43.681 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

Tgt Ion: 93 Resp: 408744
Ion Ratio Lower Upper
93 100
66 69.6 34.4 51.6#
65 42.8 18.2 27.4#





#7

Phenol-d6

Concen: 148.604 ng

RT: 6.528 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Instrument :

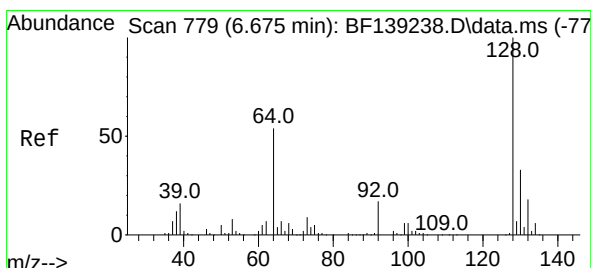
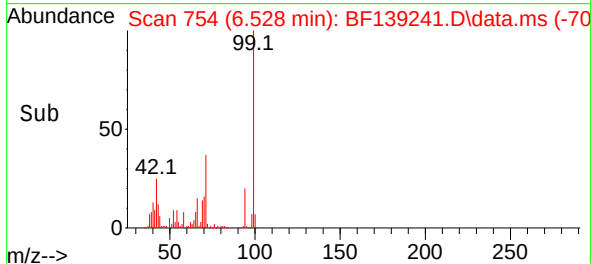
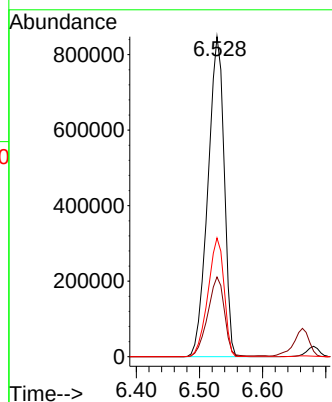
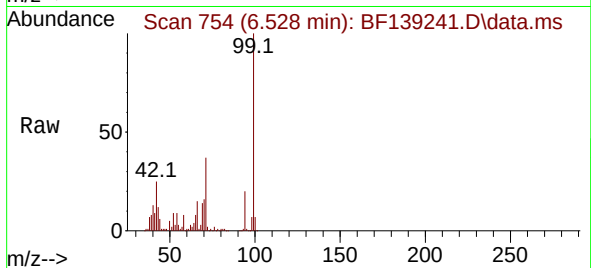
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 99 Resp: 1512182

Ion	Ratio	Lower	Upper
99	100		
42	24.9	19.8	29.6
71	37.1	28.8	43.2



#8

2-Chlorophenol

Concen: 73.795 ng

RT: 6.681 min Scan# 780

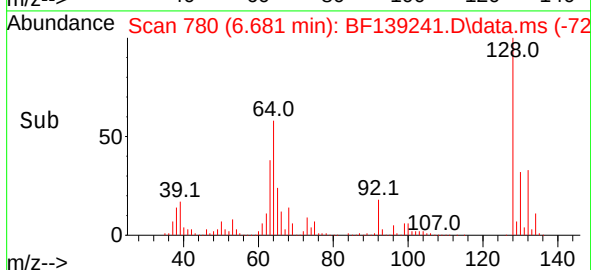
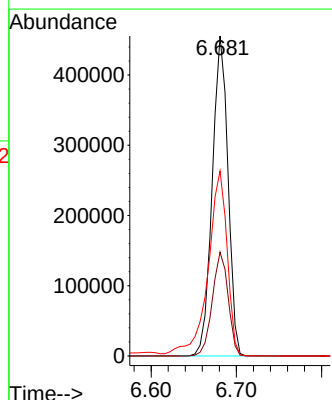
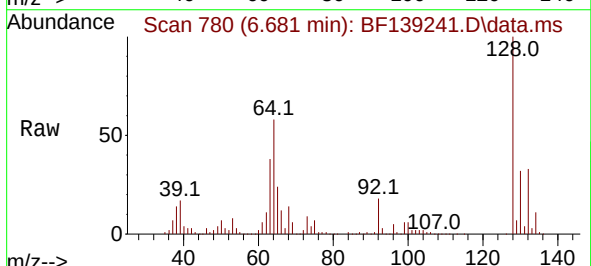
Delta R.T. 0.006 min

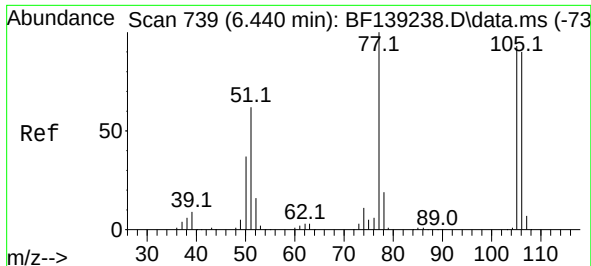
Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Tgt Ion: 128 Resp: 582968

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.7	52.7
64	57.8	36.6	76.6





#9

Benzaldehyde

Concen: 57.895 ng

RT: 6.445 min Scan# 740

Delta R.T. 0.005 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

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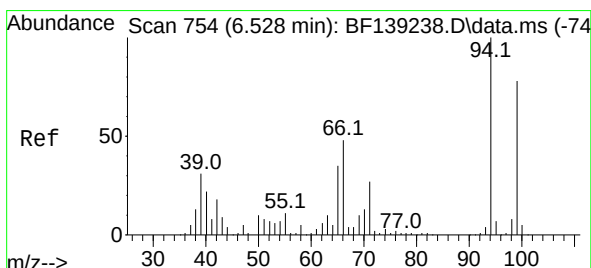
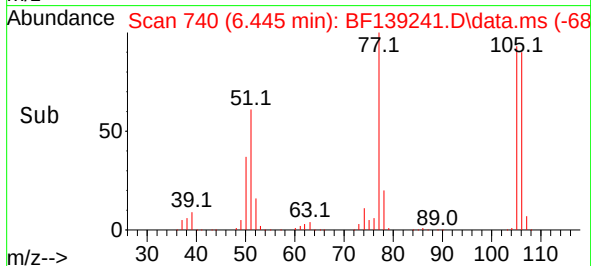
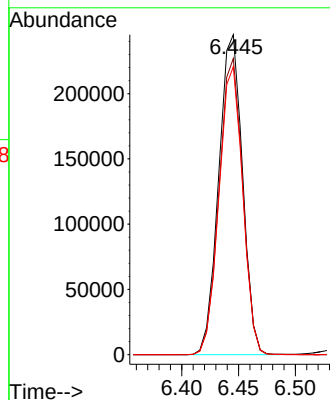
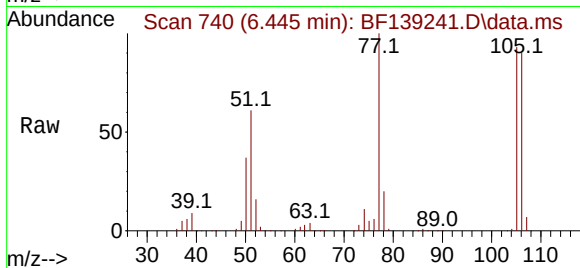
Tgt Ion: 77 Resp: 356618

Ion Ratio Lower Upper

77 100

105 92.6 72.9 112.9

106 90.0 69.6 109.6



#10

Phenol

Concen: 71.838 ng

RT: 6.545 min Scan# 757

Delta R.T. 0.018 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

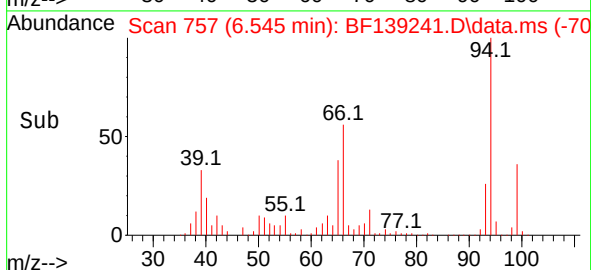
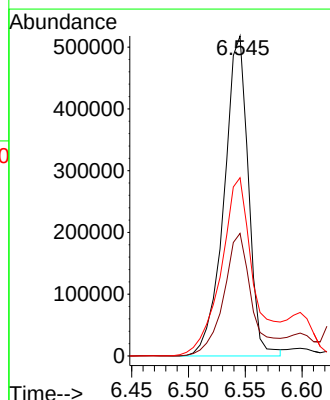
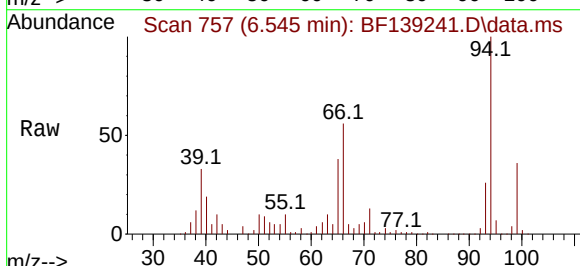
Tgt Ion: 94 Resp: 771073

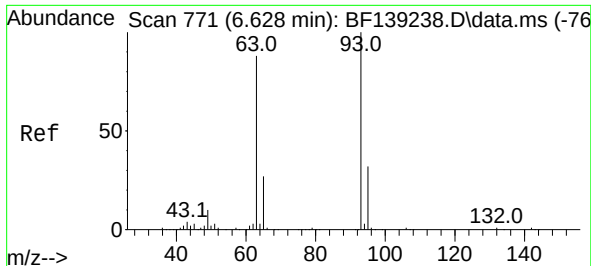
Ion Ratio Lower Upper

94 100

65 38.3 14.7 54.7

66 55.7 28.5 68.5

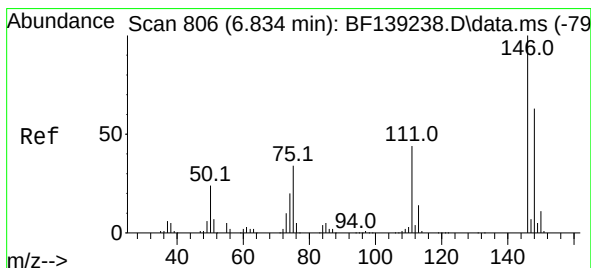
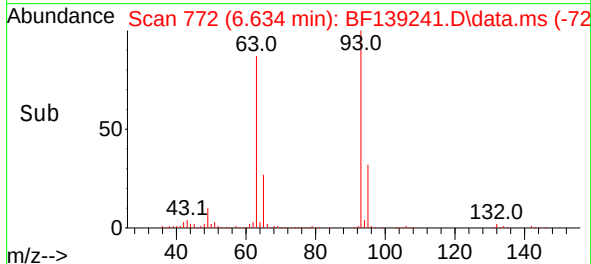
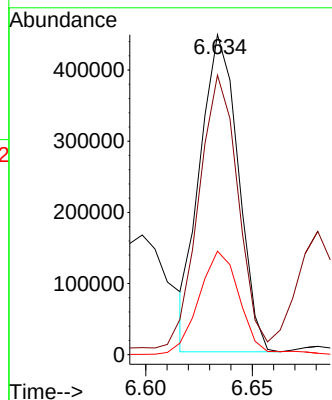
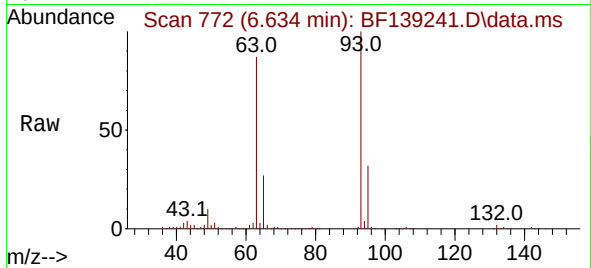




#11
bis(2-Chloroethyl)ether
Concen: 72.385 ng
RT: 6.634 min Scan# 771
Delta R.T. 0.006 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

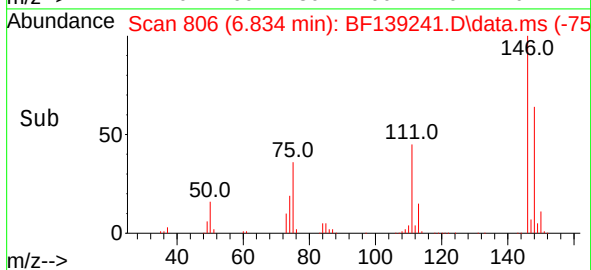
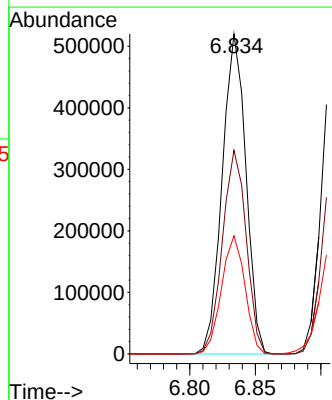
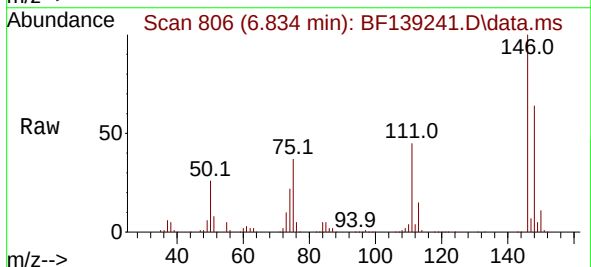
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

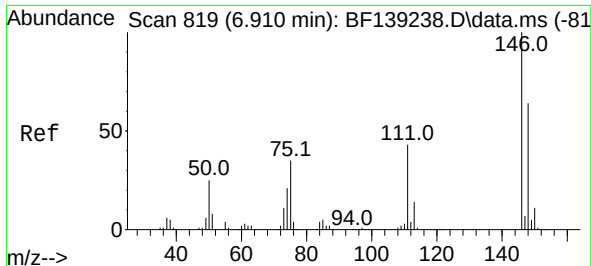
Tgt Ion: 93 Resp: 556619
Ion Ratio Lower Upper
93 100
63 87.3 67.1 107.1
95 32.4 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 73.084 ng
RT: 6.834 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

Tgt Ion:146 Resp: 653489
Ion Ratio Lower Upper
146 100
148 63.7 50.8 76.2
75 36.9 27.3 40.9

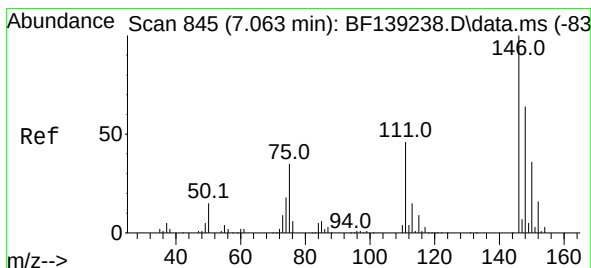
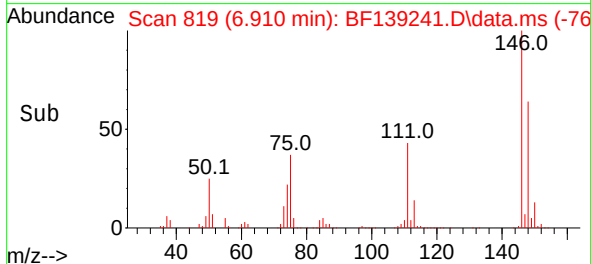
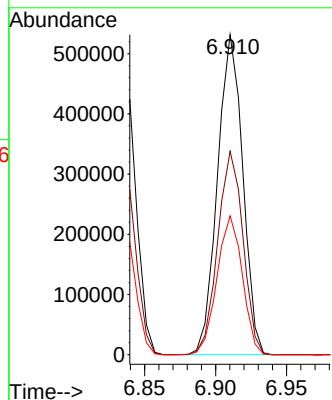
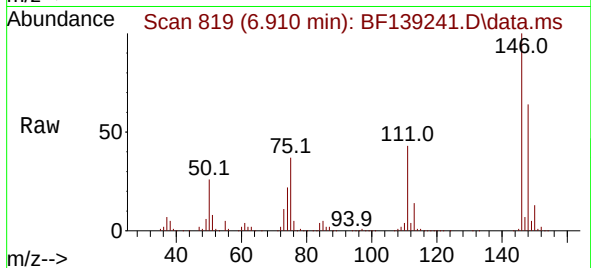




#13
1,4-Dichlorobenzene
Concen: 73.402 ng
RT: 6.910 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

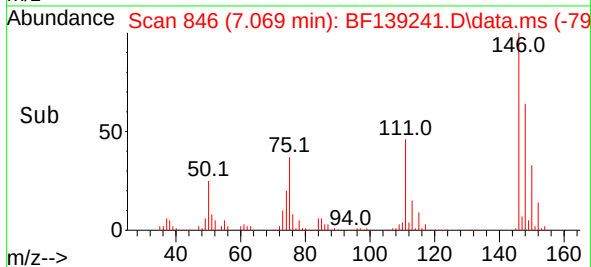
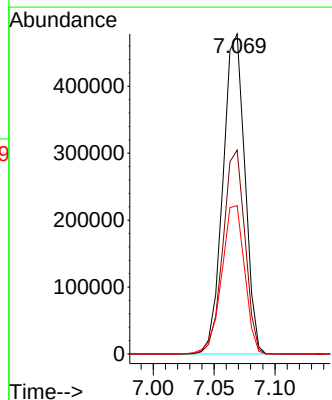
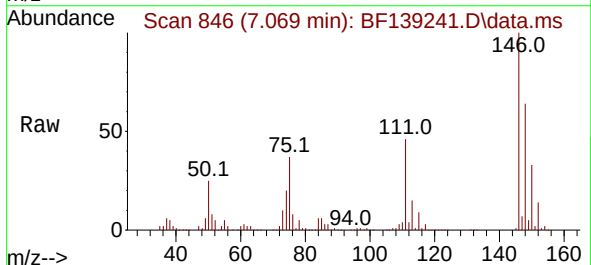
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

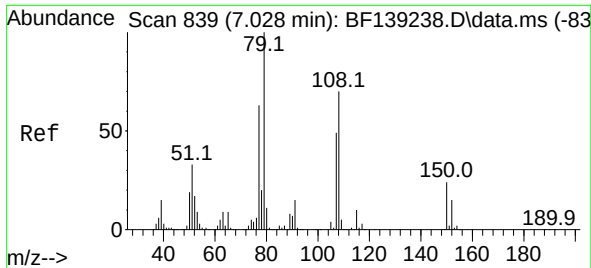
Tgt Ion:146 Resp: 656935
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
111 43.4 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 71.730 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

Tgt Ion:146 Resp: 598742
Ion Ratio Lower Upper
146 100
148 63.7 50.9 76.3
111 46.3 36.6 55.0

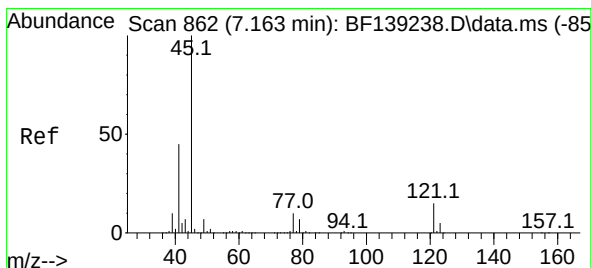
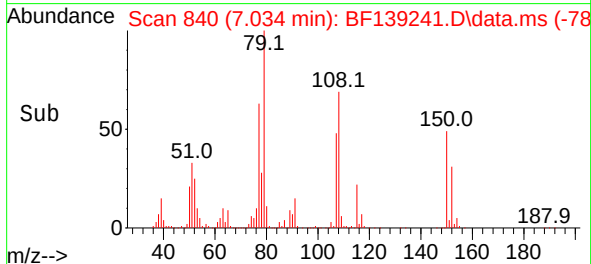
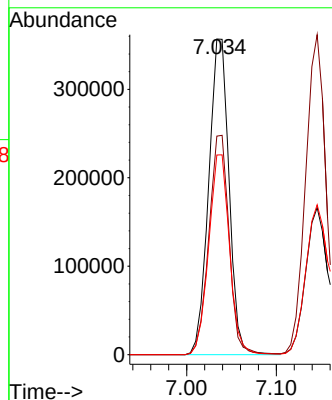
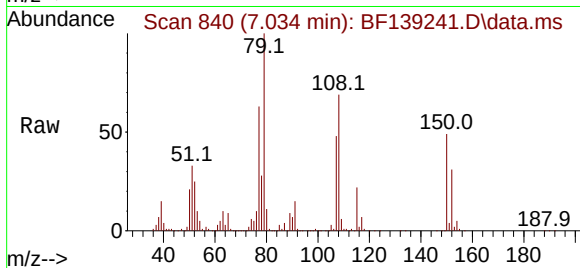




#15
Benzyl Alcohol
Concen: 75.673 ng
RT: 7.034 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

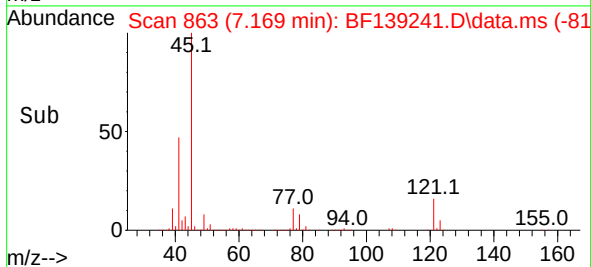
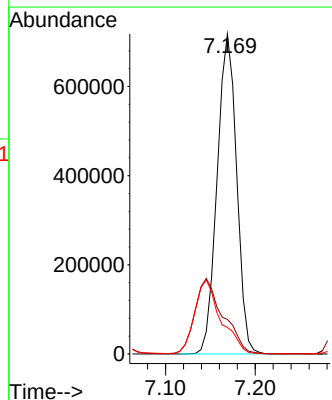
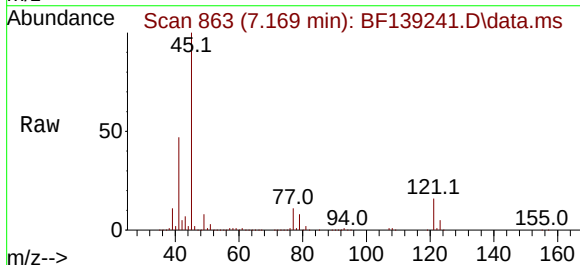
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

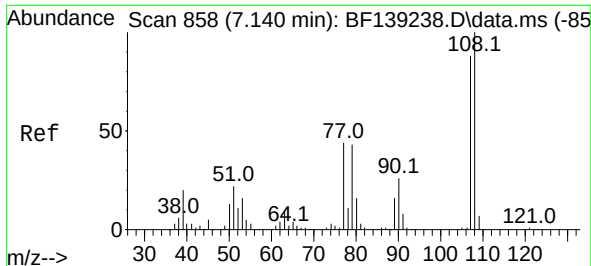
Tgt Ion: 79 Resp: 561575
Ion Ratio Lower Upper
79 100
108 69.2 56.1 84.1
77 63.3 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 73.935 ng
RT: 7.169 min Scan# 863
Delta R.T. 0.006 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

Tgt Ion: 45 Resp: 1082303
Ion Ratio Lower Upper
45 100
77 10.8 0.0 30.0
79 8.3 0.0 27.6





#17
2-Methylphenol
Concen: 76.388 ng
RT: 7.145 min Scan# 859
Delta R.T. 0.006 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

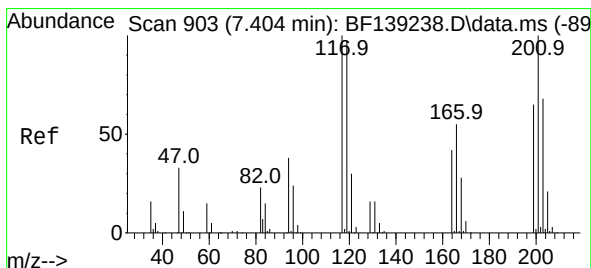
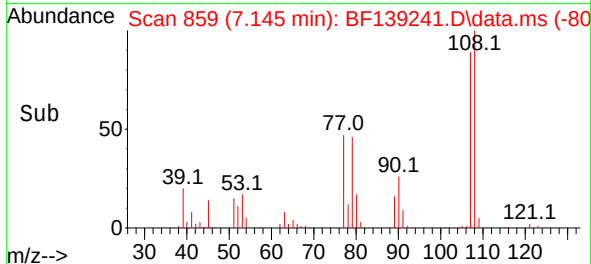
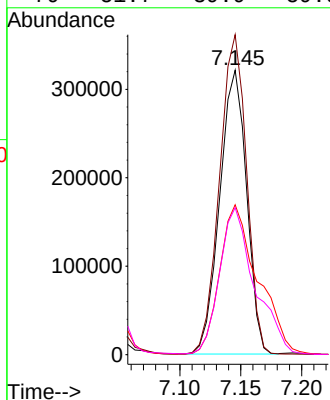
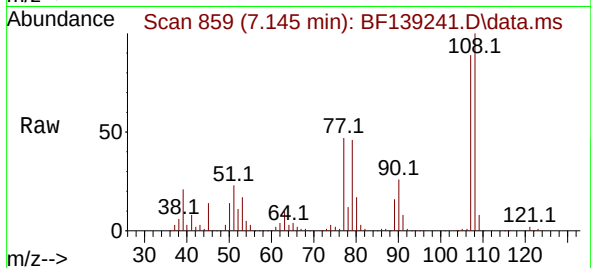
Instrument :

BNA_F

ClientSampleId :

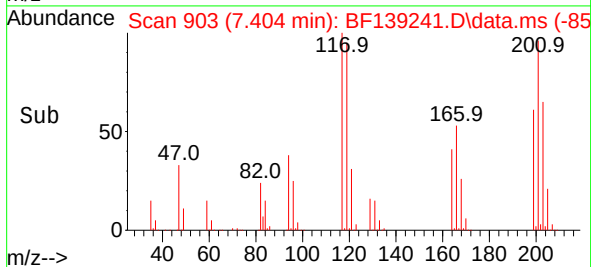
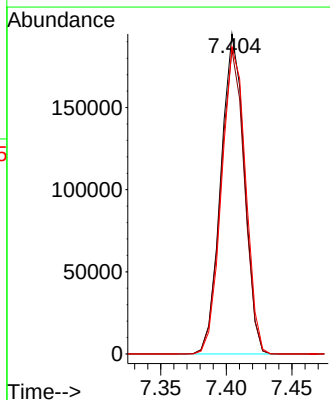
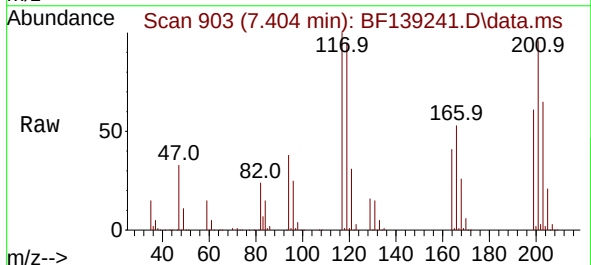
SSTDICC080

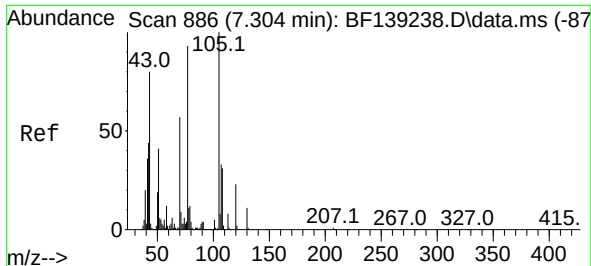
Tgt Ion:107 Resp: 492930
Ion Ratio Lower Upper
107 100
108 112.5 91.4 137.2
77 52.7 40.1 60.1
79 51.7 39.9 59.9



#18
Hexachloroethane
Concen: 75.884 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.000 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

Tgt Ion:117 Resp: 242562
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.2
201 95.9 80.0 120.0





#19

n-Nitroso-di-n-propylamine

Concen: 74.957 ng

RT: 7.316 min Scan# 886

Delta R.T. 0.012 min

Lab File: BF139241.D

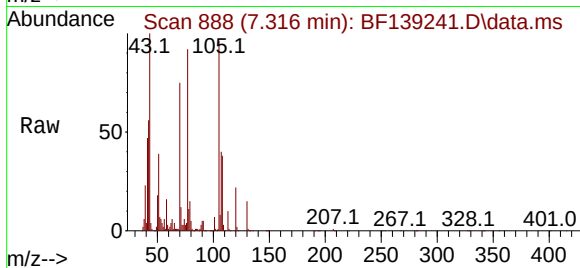
Acq: 04 Sep 2024 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion: 70 Resp: 443103

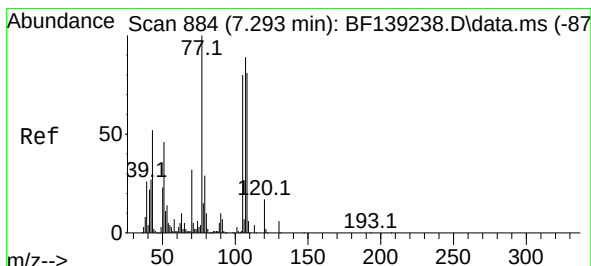
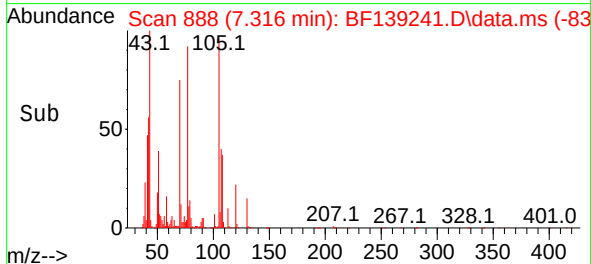
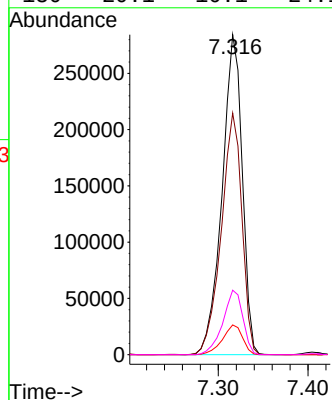
Ion Ratio Lower Upper

70 100

42 75.5 61.0 91.6

101 9.3 7.2 10.8

130 20.1 16.1 24.1



#20

3+4-Methylphenols

Concen: 72.780 ng

RT: 7.304 min Scan# 886

Delta R.T. 0.012 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Tgt Ion:107 Resp: 591902

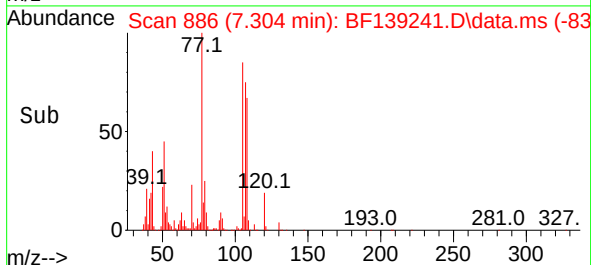
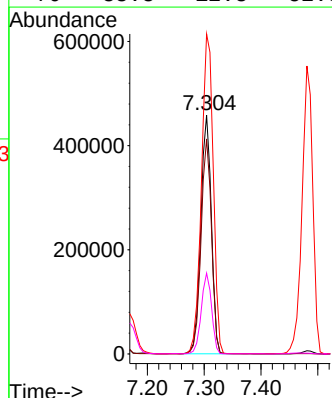
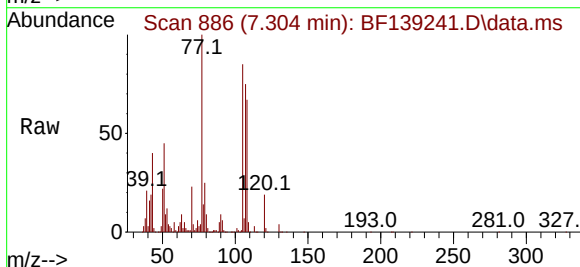
Ion Ratio Lower Upper

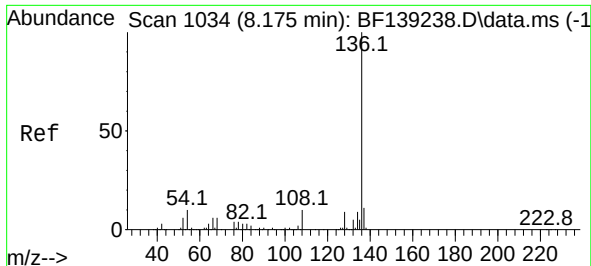
107 100

108 90.0 70.4 110.4

77 134.0 92.2 132.2#

79 33.8 12.8 52.8



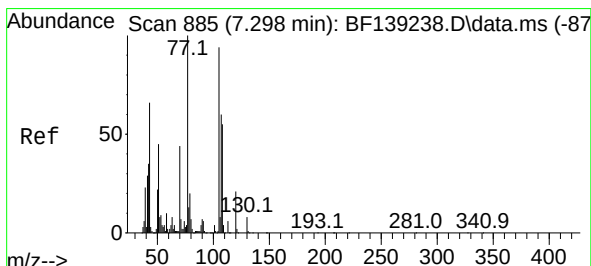
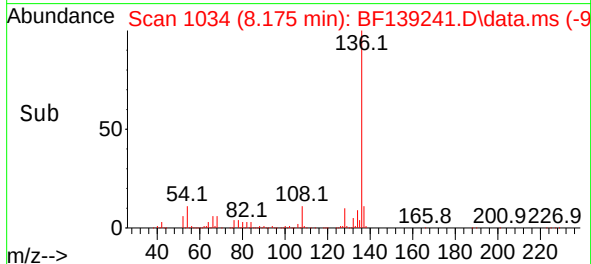
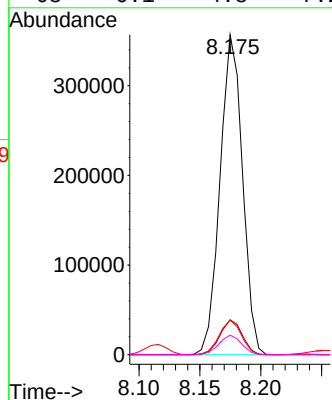
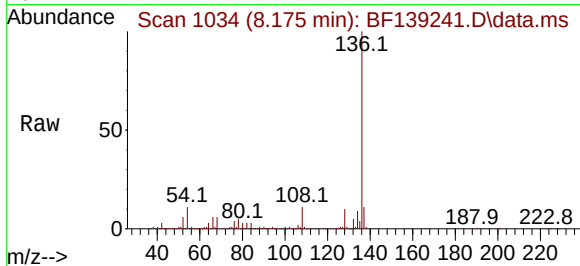


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:136 Resp: 457942

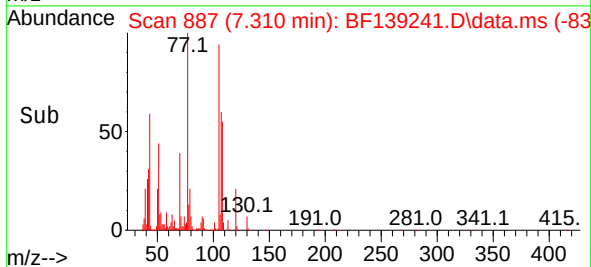
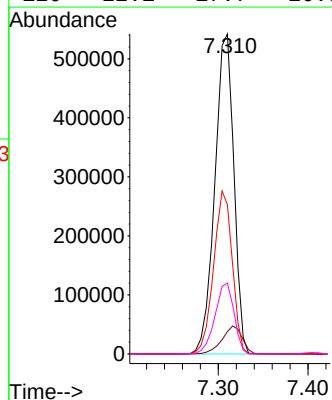
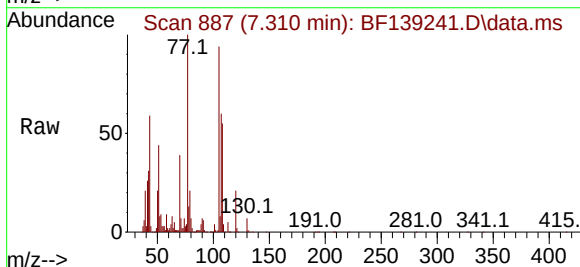
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.8	8.4	12.6
68	6.1	4.8	7.2

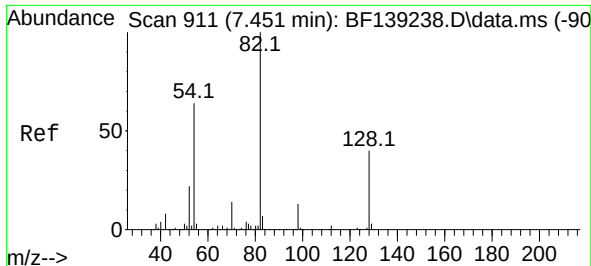


#22
Acetophenone
Concen: 73.087 ng
RT: 7.310 min Scan# 887
Delta R.T. 0.012 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

Tgt Ion:105 Resp: 797363

Ion	Ratio	Lower	Upper
105	100		
71	7.0	6.2	9.2
51	46.7	38.2	57.2
120	22.1	17.7	26.5





#23

Nitrobenzene-d5

Concen: 154.777 ng

RT: 7.463 min Scan# 913

Delta R.T. 0.012 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

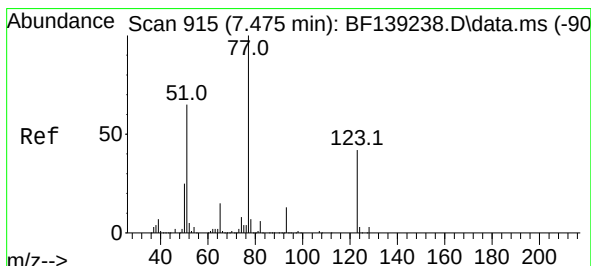
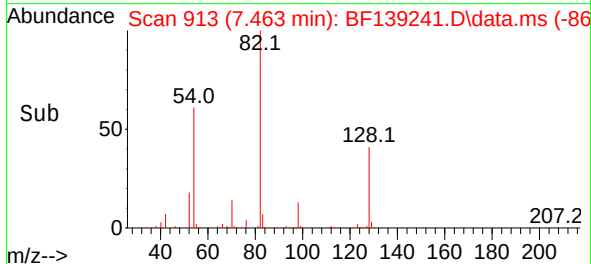
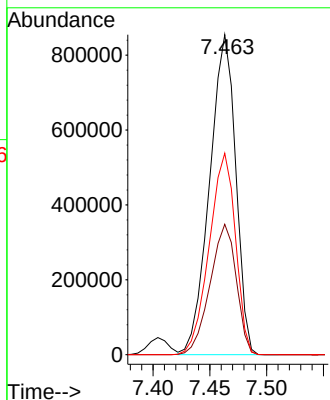
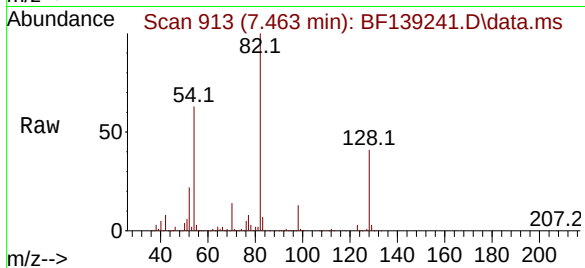
Tgt Ion: 82 Resp: 1369208

Ion Ratio Lower Upper

82 100

128 40.8 32.3 48.5

54 62.9 51.2 76.8



#24

Nitrobenzene

Concen: 77.333 ng

RT: 7.481 min Scan# 916

Delta R.T. 0.006 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

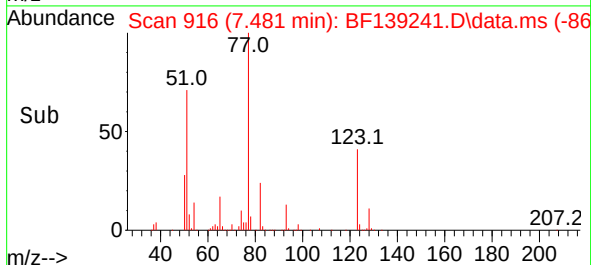
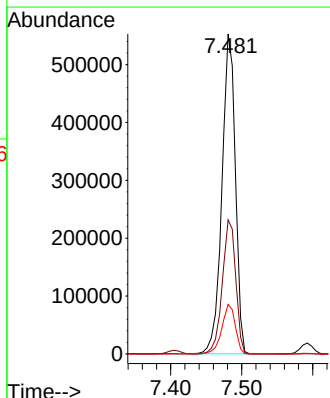
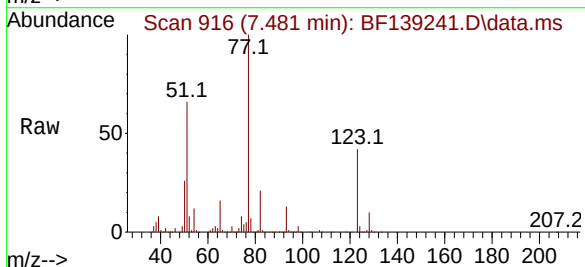
Tgt Ion: 77 Resp: 722533

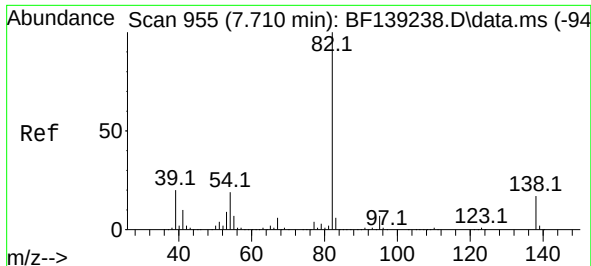
Ion Ratio Lower Upper

77 100

123 41.9 34.0 51.0

65 15.5 12.1 18.1

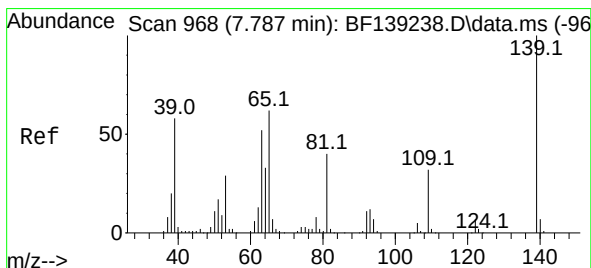
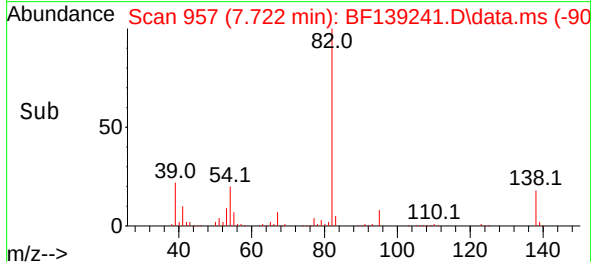
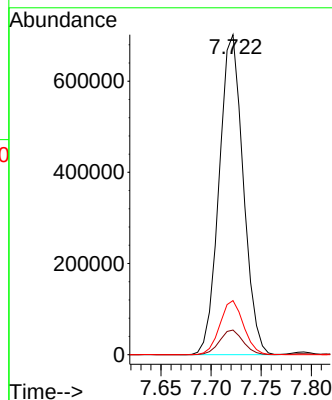
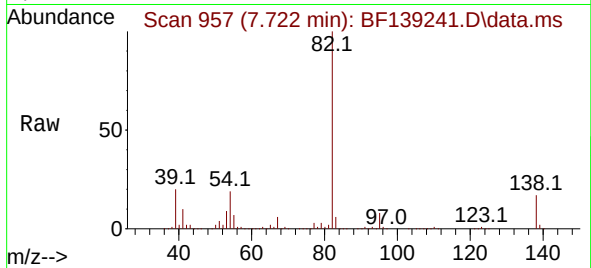




#25
Isophorone
Concen: 77.862 ng
RT: 7.722 min Scan# 957
Delta R.T. 0.012 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

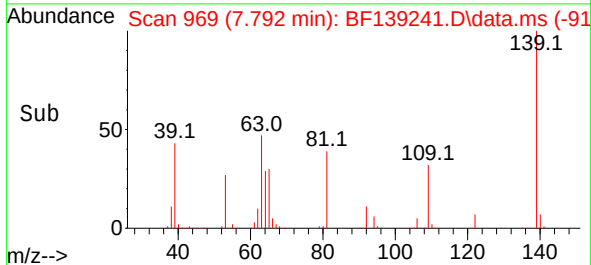
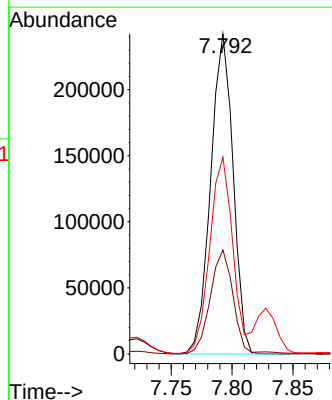
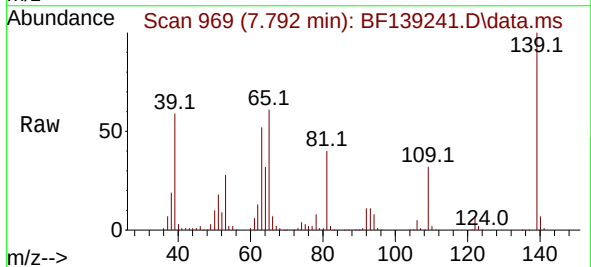
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

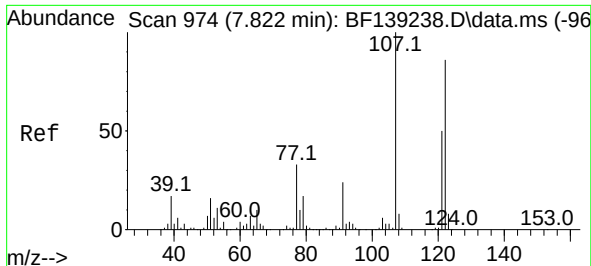
Tgt Ion: 82 Resp: 1171801
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 16.9 13.4 20.0



#26
2-Nitrophenol
Concen: 84.346 ng
RT: 7.792 min Scan# 969
Delta R.T. 0.006 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

Tgt Ion:139 Resp: 309519
Ion Ratio Lower Upper
139 100
109 32.5 25.4 38.2
65 61.5 49.4 74.2

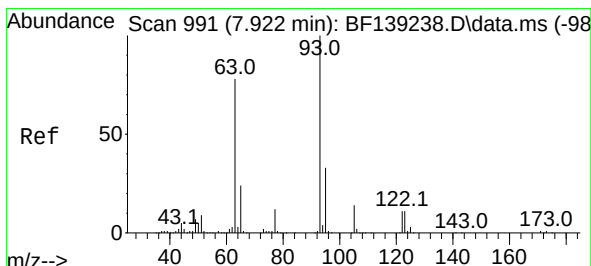
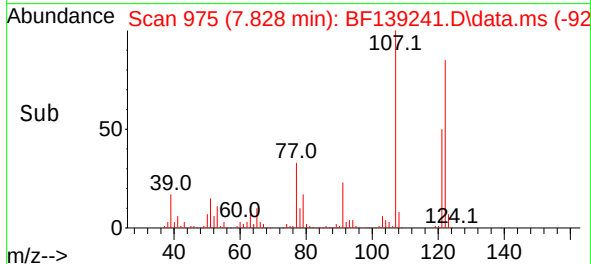
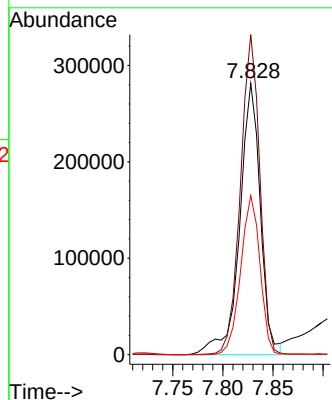
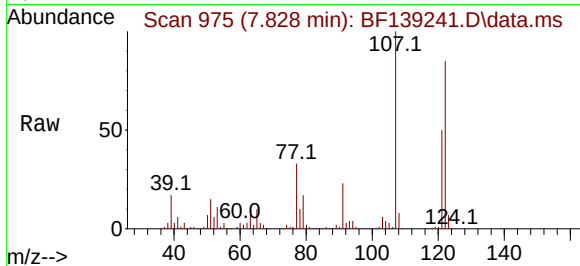




#27
2,4-Dimethylphenol
Concen: 77.165 ng
RT: 7.828 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

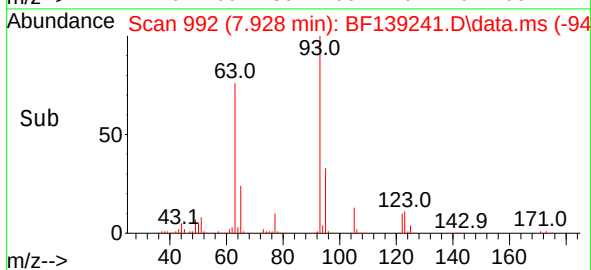
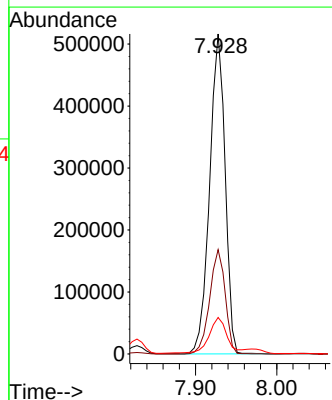
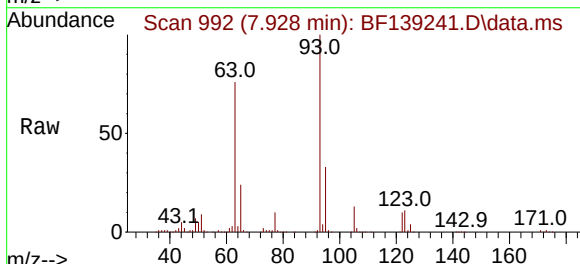
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

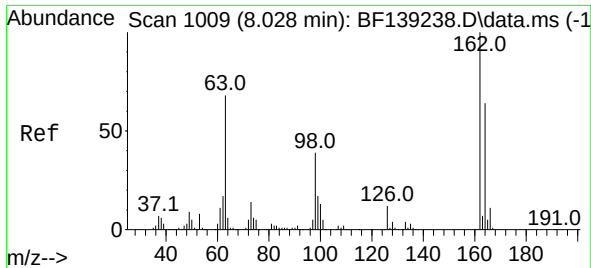
Tgt Ion:122 Resp: 403848
Ion Ratio Lower Upper
122 100
107 117.9 93.4 140.2
121 58.6 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 76.182 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

Tgt Ion: 93 Resp: 683085
Ion Ratio Lower Upper
93 100
95 32.6 26.6 40.0
123 11.4 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 76.545 ng

RT: 8.034 min Scan# 1009

Delta R.T. 0.006 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

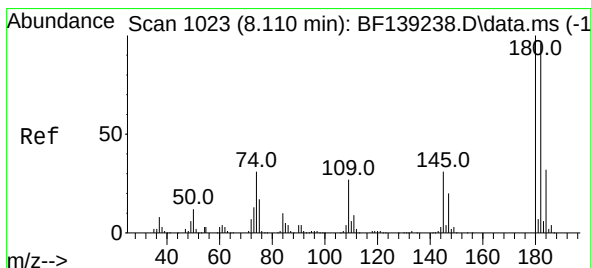
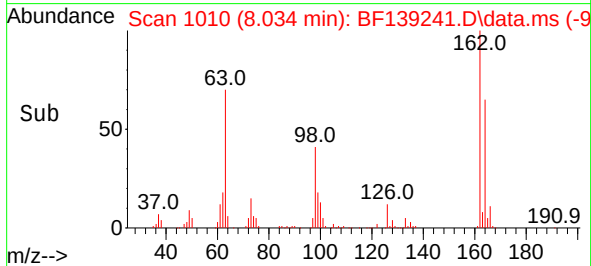
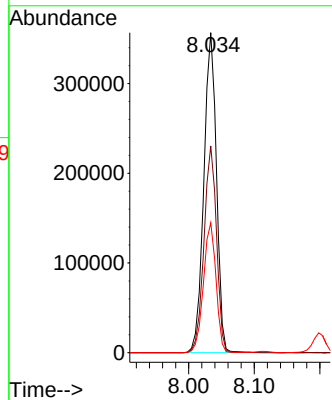
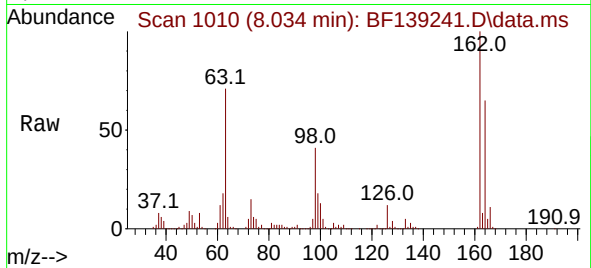
Tgt Ion:162 Resp: 479655

Ion Ratio Lower Upper

162 100

164 64.6 43.6 83.6

98 40.6 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 74.331 ng

RT: 8.116 min Scan# 1024

Delta R.T. 0.006 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

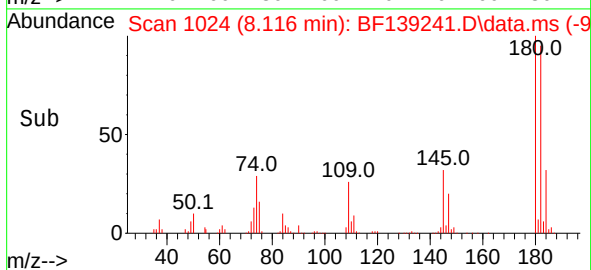
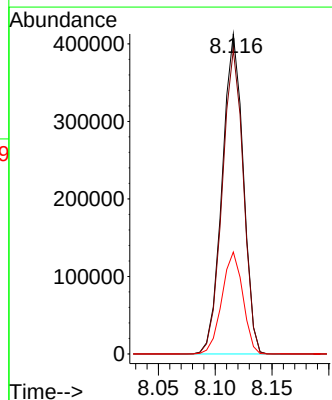
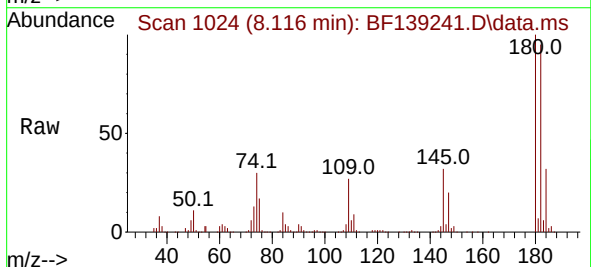
Tgt Ion:180 Resp: 531968

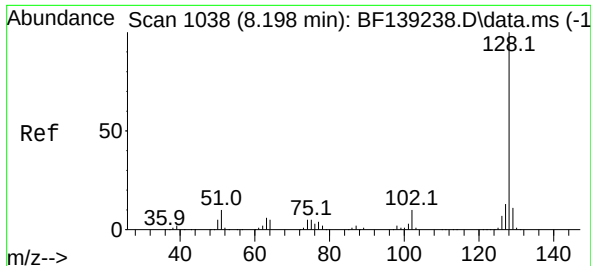
Ion Ratio Lower Upper

180 100

182 95.1 76.5 114.7

145 31.9 25.1 37.7





#31

Naphthalene

Concen: 73.268 ng

RT: 8.198 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

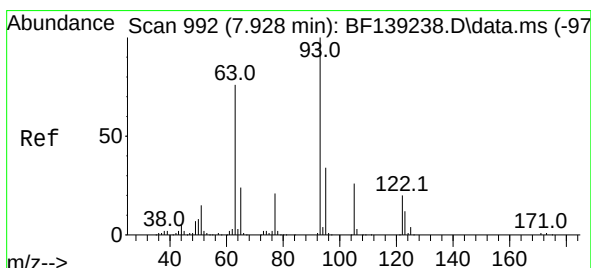
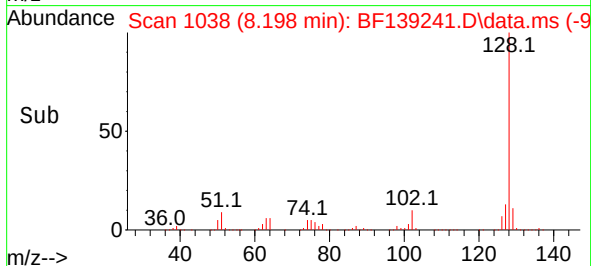
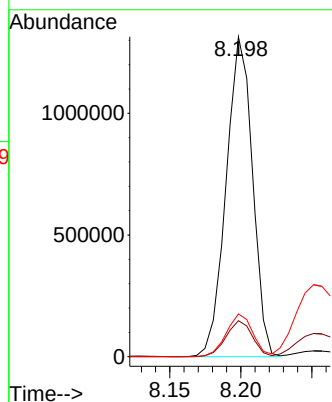
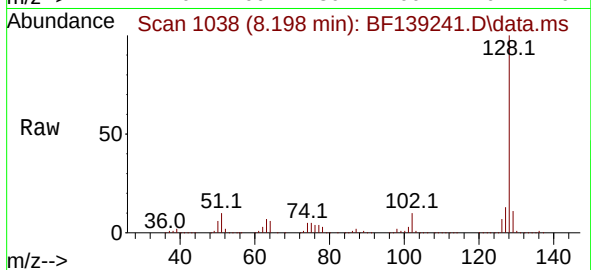
Tgt Ion:128 Resp: 1699140

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.3 10.6 15.8



#32

Benzoic acid

Concen: 75.594 ng

RT: 7.969 min Scan# 999

Delta R.T. 0.041 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

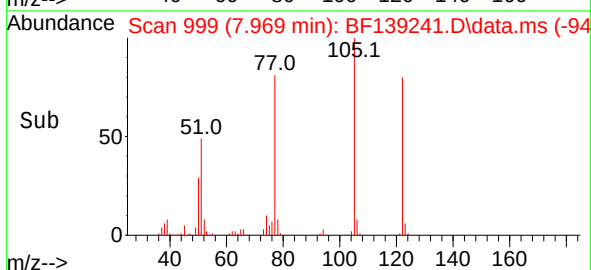
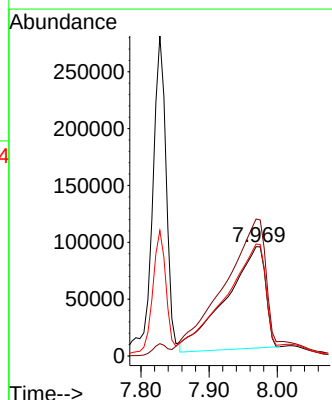
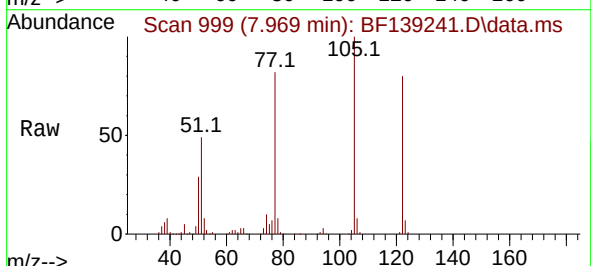
Tgt Ion:122 Resp: 359661

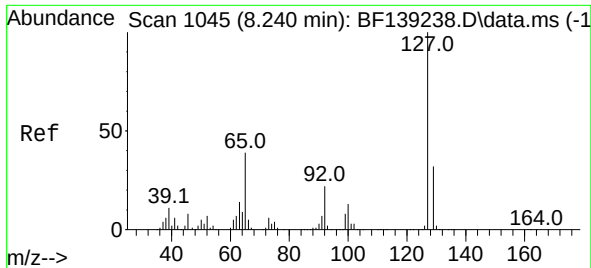
Ion Ratio Lower Upper

122 100

105 125.3 106.3 146.3

77 102.3 84.1 124.1





#33

4-Chloroaniline

Concen: 76.006 ng

RT: 8.251 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:127 Resp: 610316

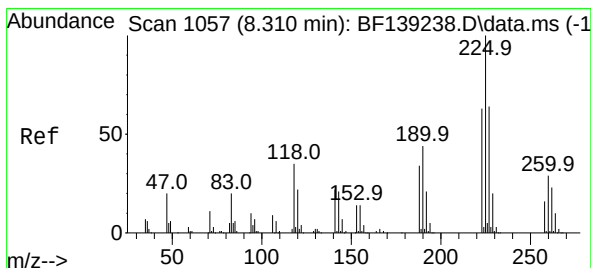
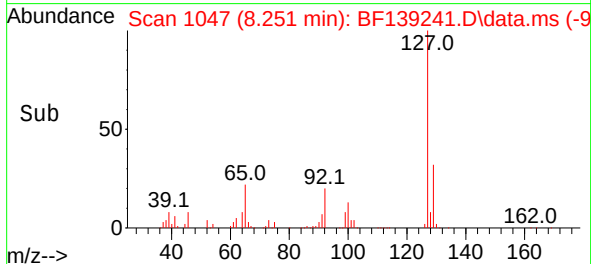
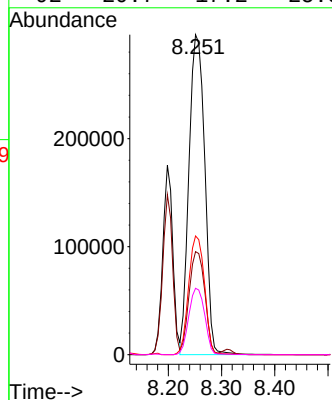
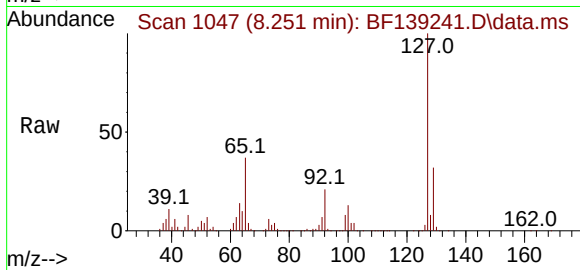
Ion Ratio Lower Upper

127 100

129 32.2 25.8 38.6

65 37.1 30.6 45.8

92 20.7 17.2 25.8



#34

Hexachlorobutadiene

Concen: 73.779 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.000 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

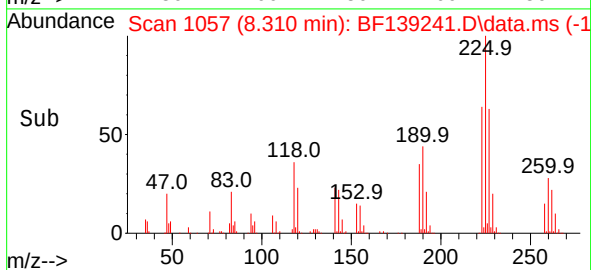
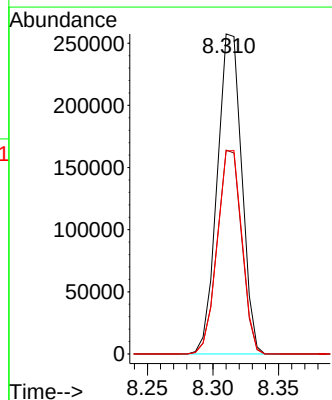
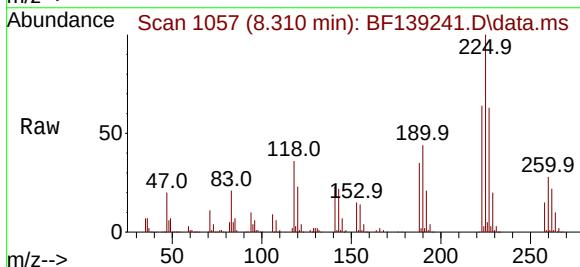
Tgt Ion:225 Resp: 334585

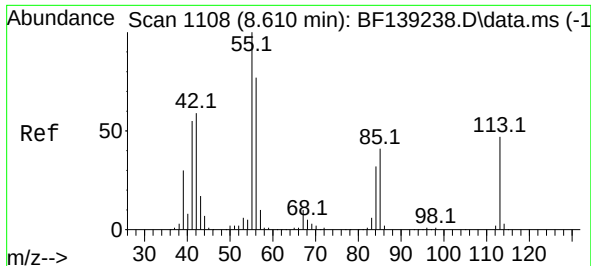
Ion Ratio Lower Upper

225 100

223 63.7 50.7 76.1

227 63.5 51.5 77.3





#35

Caprolactam

Concen: 79.211 ng

RT: 8.639 min Scan# 1113

Delta R.T. 0.029 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

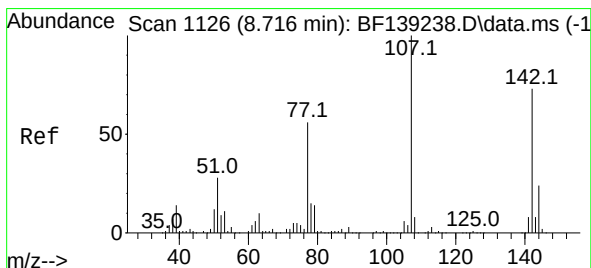
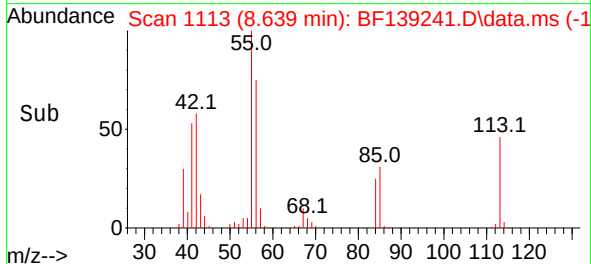
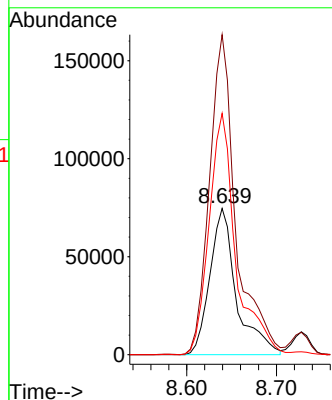
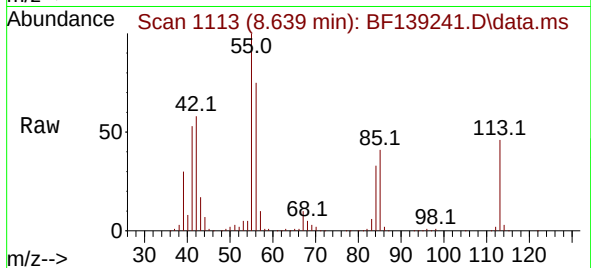
Tgt Ion:113 Resp: 153663

Ion Ratio Lower Upper

113 100

55 218.8 193.7 233.7

56 165.0 145.0 185.0



#36

4-Chloro-3-methylphenol

Concen: 77.694 ng

RT: 8.728 min Scan# 1128

Delta R.T. 0.012 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

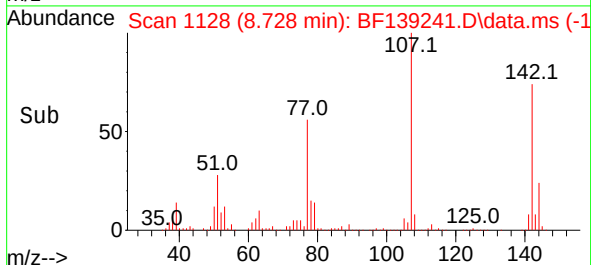
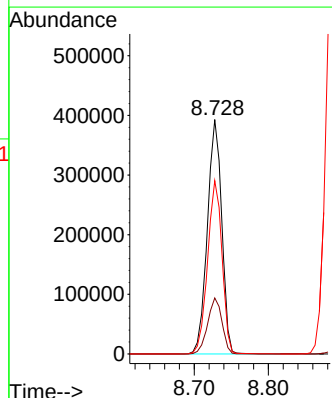
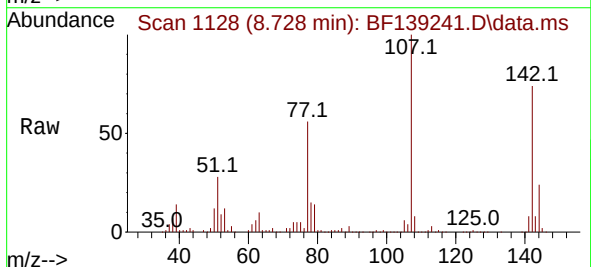
Tgt Ion:107 Resp: 530535

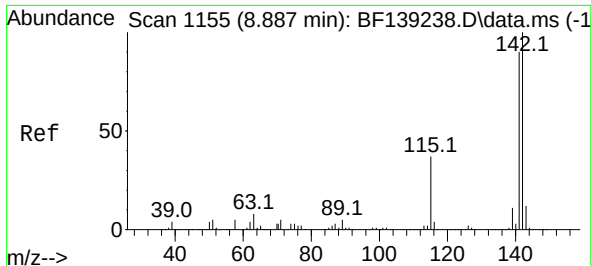
Ion Ratio Lower Upper

107 100

144 23.9 19.1 28.7

142 73.9 58.3 87.5





#37

2-Methylnaphthalene

Concen: 73.198 ng

RT: 8.886 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Instrument :

BNA_F

ClientSampleId :

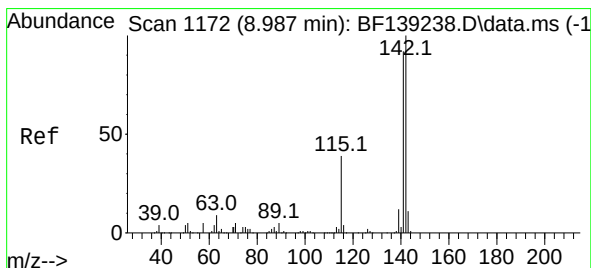
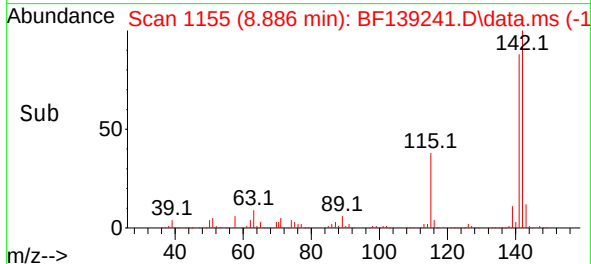
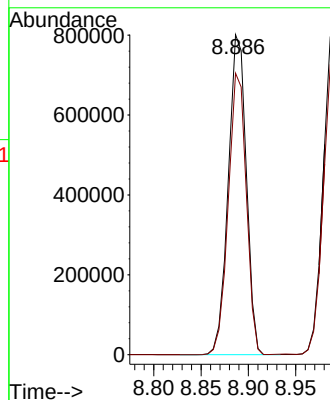
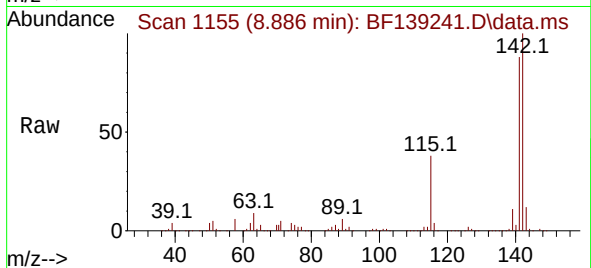
SSTDICC080

Tgt Ion:142 Resp: 1062054

Ion Ratio Lower Upper

142 100

141 88.0 71.6 107.4



#38

1-Methylnaphthalene

Concen: 72.626 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF139241.D

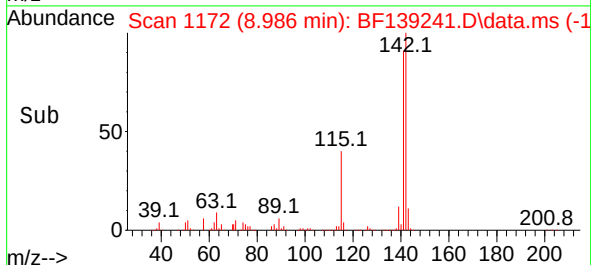
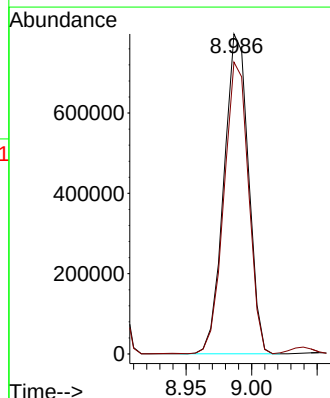
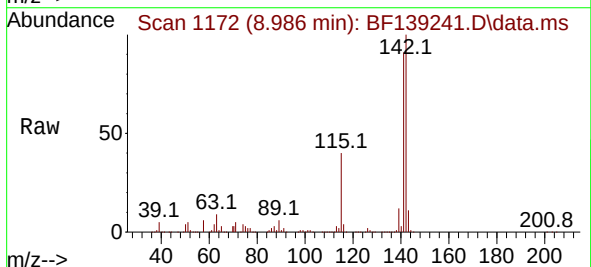
Acq: 04 Sep 2024 15:04

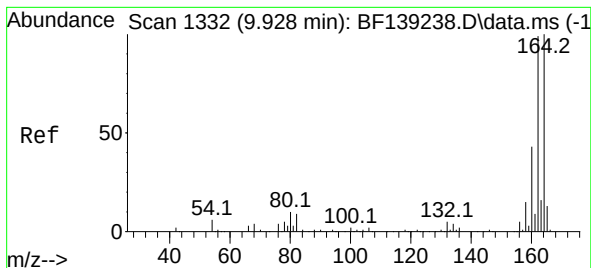
Tgt Ion:142 Resp: 1036365

Ion Ratio Lower Upper

142 100

141 91.2 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

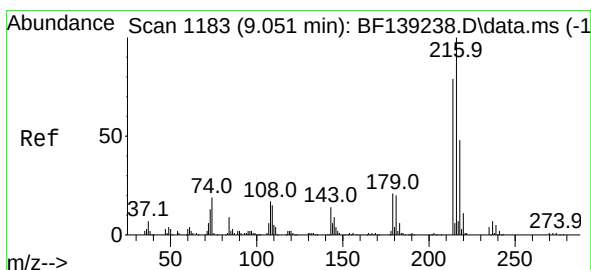
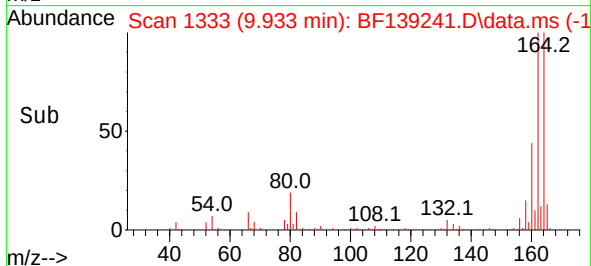
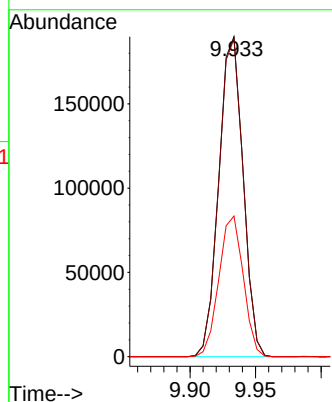
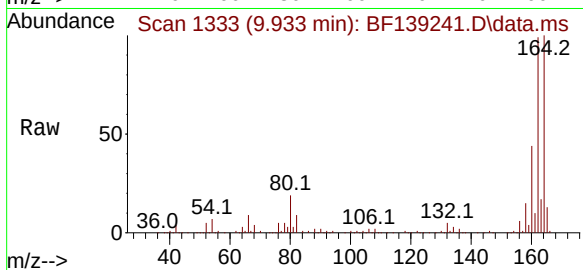
Tgt Ion:164 Resp: 244539

Ion Ratio Lower Upper

164 100

162 99.4 79.2 118.8

160 43.9 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 73.424 ng

RT: 9.051 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Tgt Ion:216 Resp: 507997

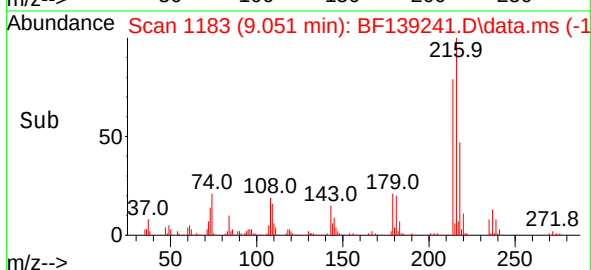
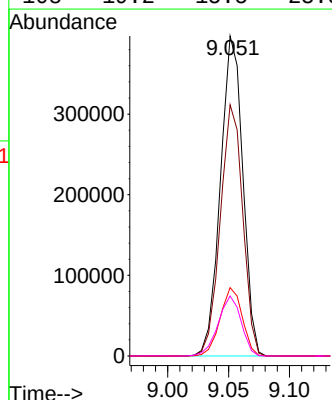
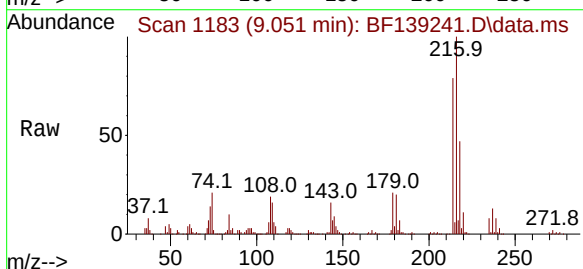
Ion Ratio Lower Upper

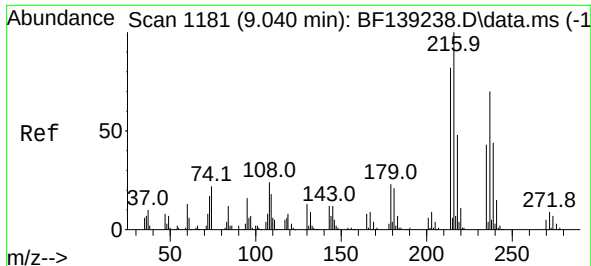
216 100

214 78.4 63.8 95.8

179 21.2 16.9 25.3

108 19.2 15.5 23.3

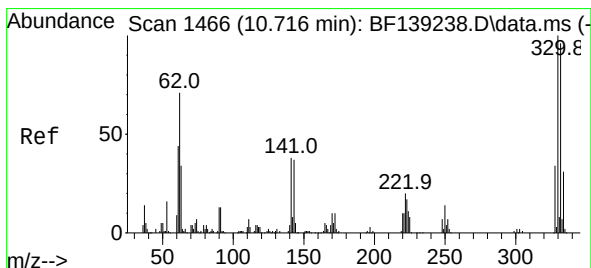
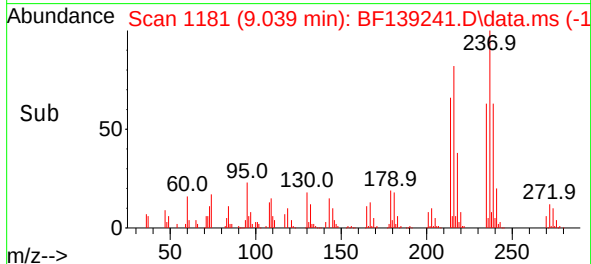
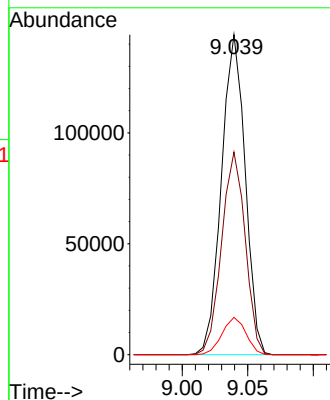
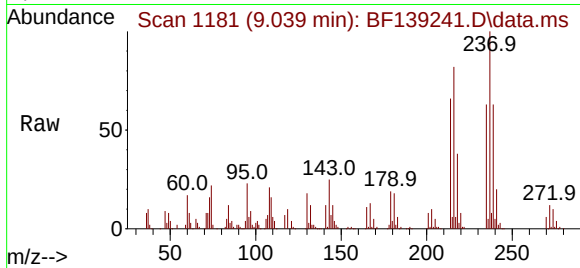




#41
Hexachlorocyclopentadiene
Concen: 81.520 ng
RT: 9.039 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

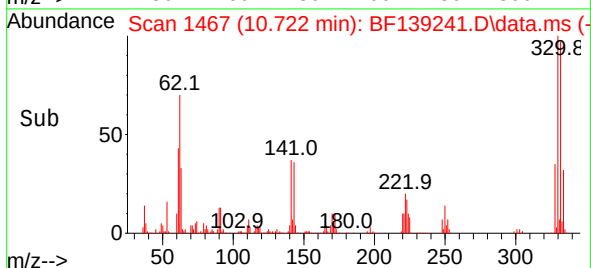
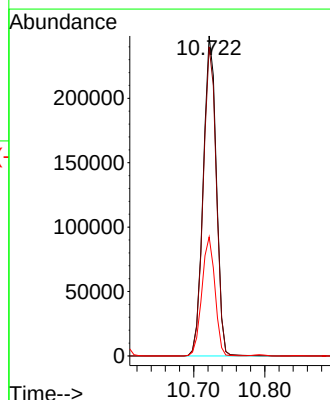
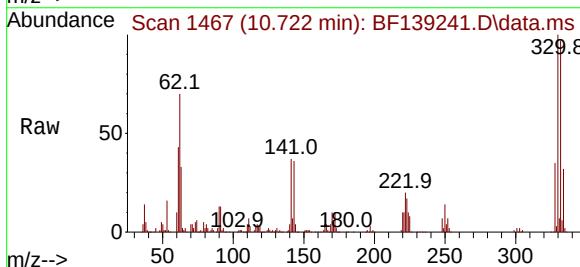
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

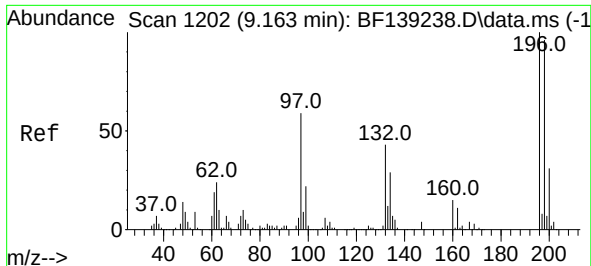
Tgt Ion:237 Resp: 181258
Ion Ratio Lower Upper
237 100
235 63.3 41.4 81.4
272 11.7 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 151.083 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

Tgt Ion:330 Resp: 319032
Ion Ratio Lower Upper
330 100
332 96.6 76.6 115.0
141 37.2 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 79.432 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

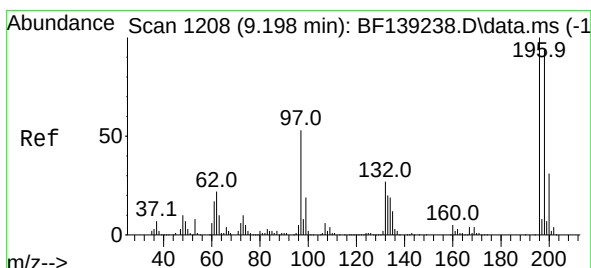
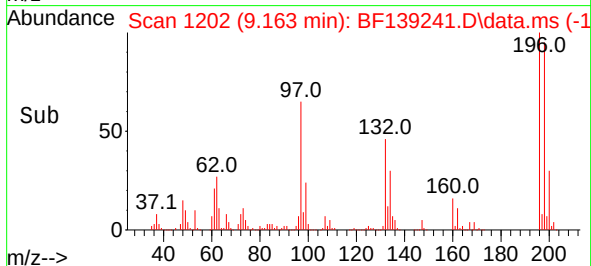
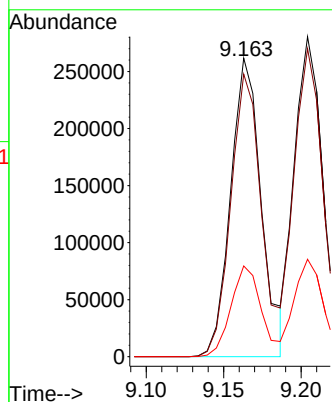
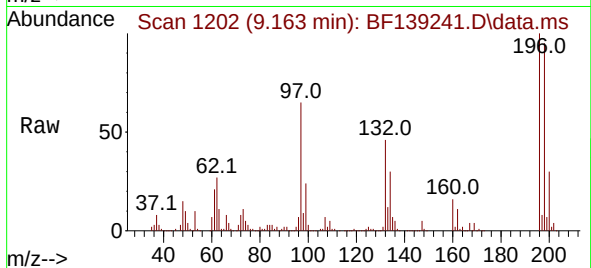
Tgt Ion:196 Resp: 359572

Ion Ratio Lower Upper

196 100

198 94.6 77.0 115.4

200 30.4 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 75.007 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.006 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Tgt Ion:196 Resp: 355810

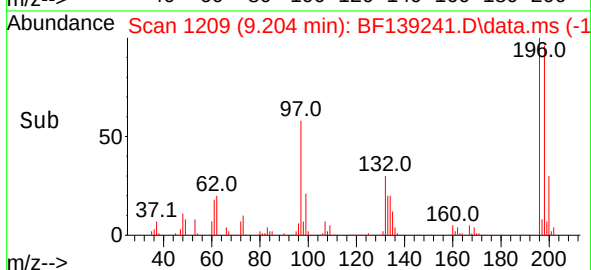
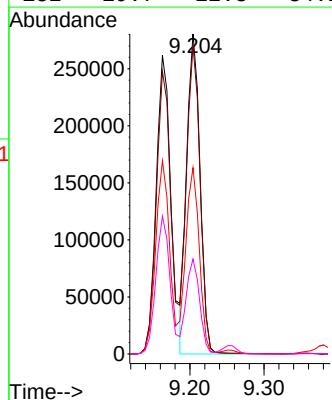
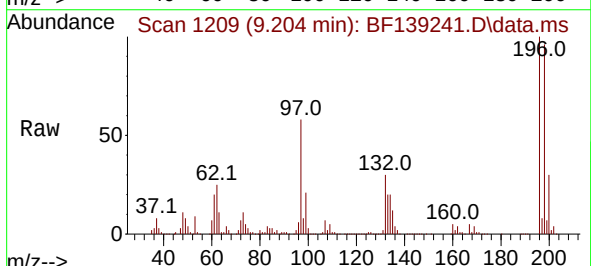
Ion Ratio Lower Upper

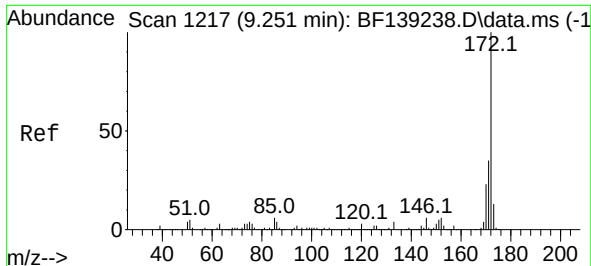
196 100

198 96.2 75.6 113.4

97 58.2 43.6 65.4

132 29.7 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 138.119 ng

RT: 9.257 min Scan# 1218

Delta R.T. 0.006 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

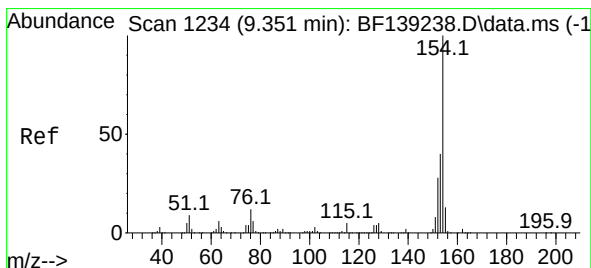
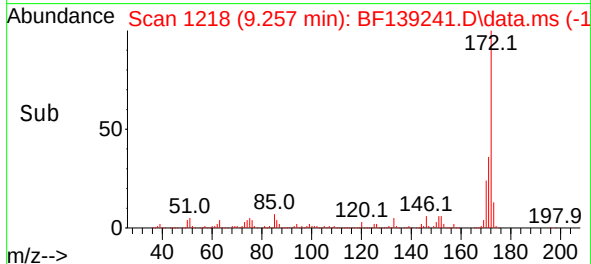
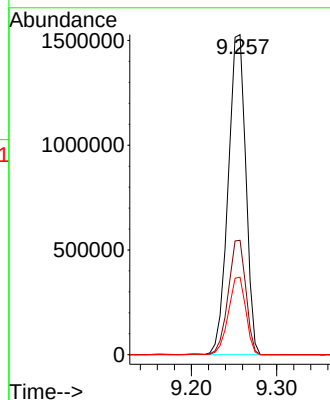
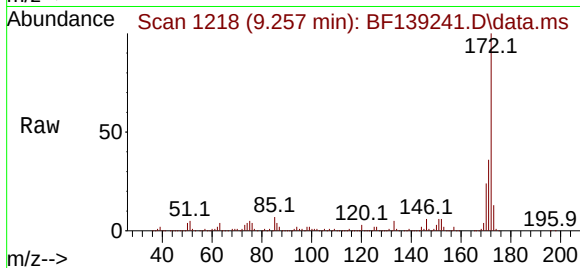
Tgt Ion:172 Resp: 2188035

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 24.2 18.7 28.1



#46

1,1'-Biphenyl

Concen: 72.005 ng

RT: 9.357 min Scan# 1235

Delta R.T. 0.006 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

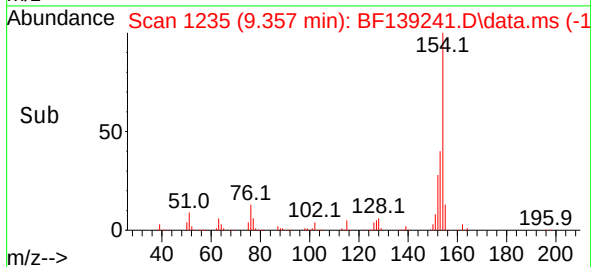
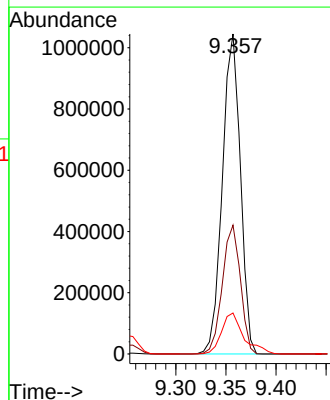
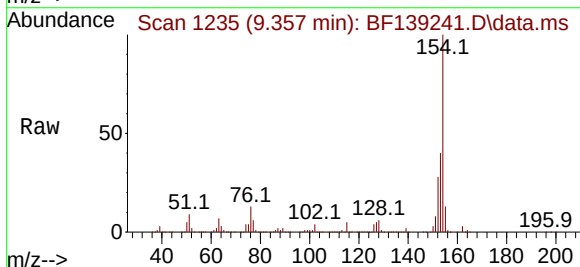
Tgt Ion:154 Resp: 1304577

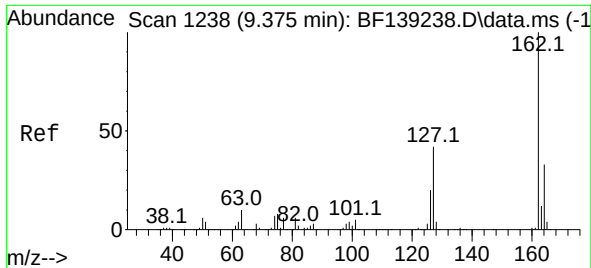
Ion Ratio Lower Upper

154 100

153 40.2 20.1 60.1

76 12.8 0.0 32.3

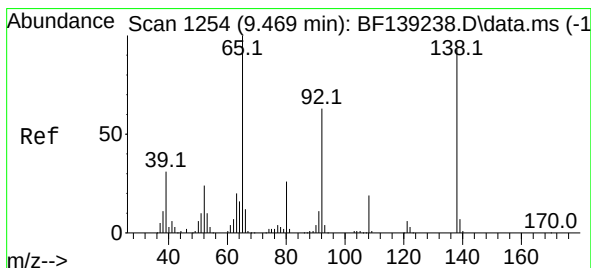
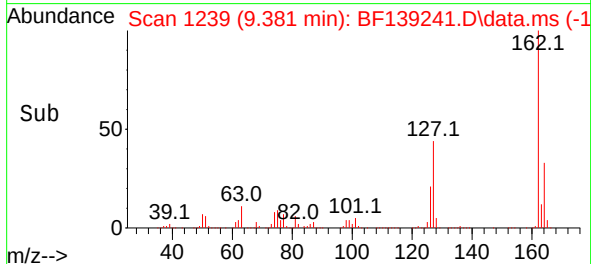
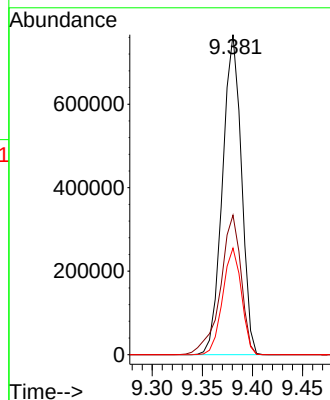
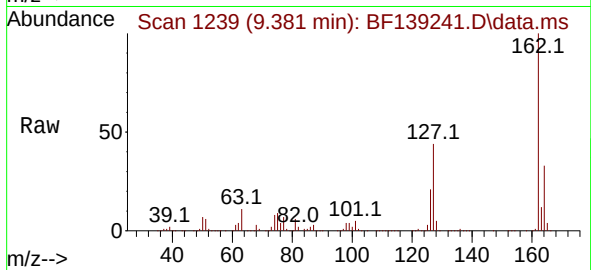




#47
2-Chloronaphthalene
Concen: 73.383 ng
RT: 9.381 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

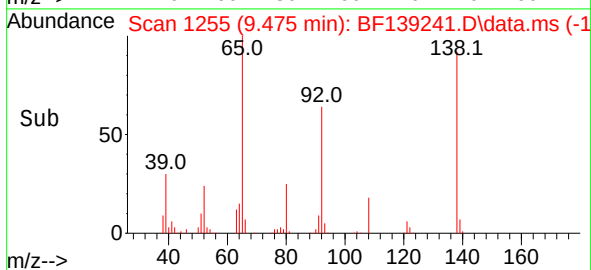
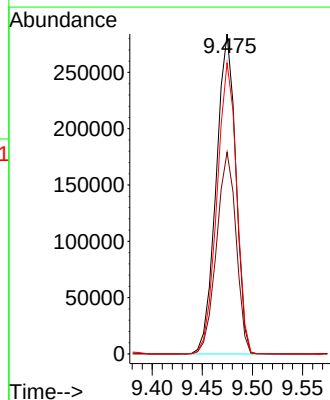
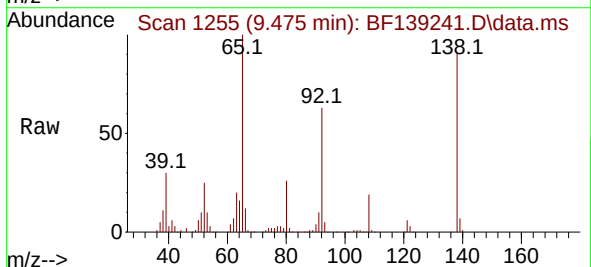
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

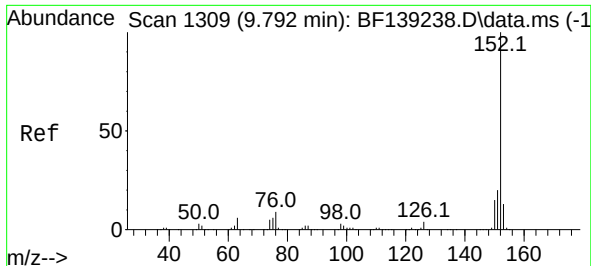
Tgt Ion:162 Resp: 1003927
Ion Ratio Lower Upper
162 100
127 43.6 34.2 51.4
164 33.3 26.2 39.2



#48
2-Nitroaniline
Concen: 81.876 ng
RT: 9.475 min Scan# 1255
Delta R.T. 0.006 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

Tgt Ion: 65 Resp: 385815
Ion Ratio Lower Upper
65 100
92 63.1 50.4 75.6
138 90.9 74.2 111.4





#49

Acenaphthylene

Concen: 72.913 ng

RT: 9.798 min Scan# 1309

Delta R.T. 0.006 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

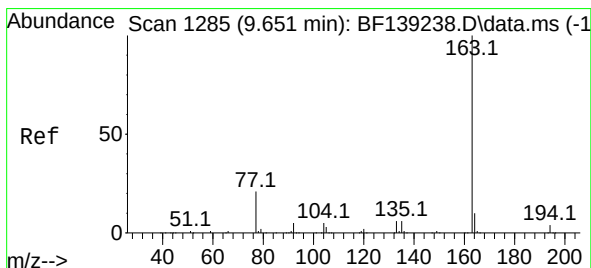
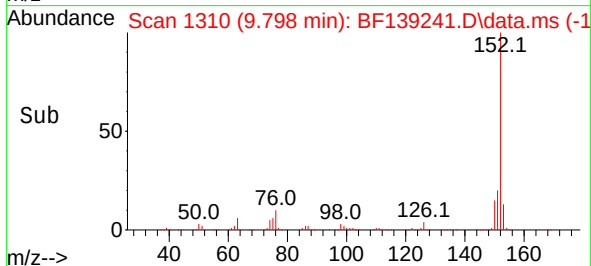
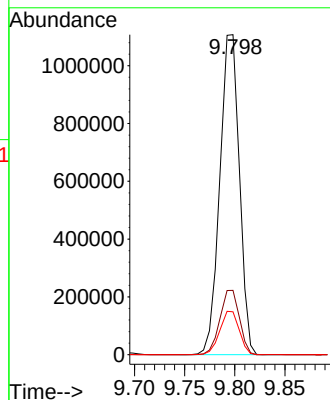
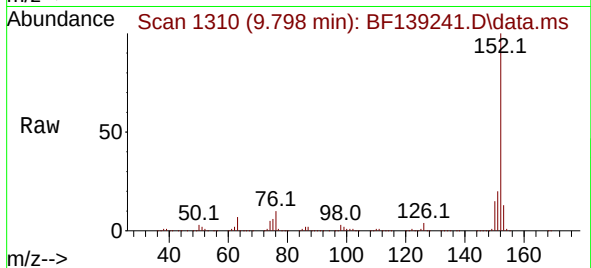
Tgt Ion:152 Resp: 1502369

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.4 10.4 15.6



#50

Dimethylphthalate

Concen: 75.252 ng

RT: 9.657 min Scan# 1286

Delta R.T. 0.006 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

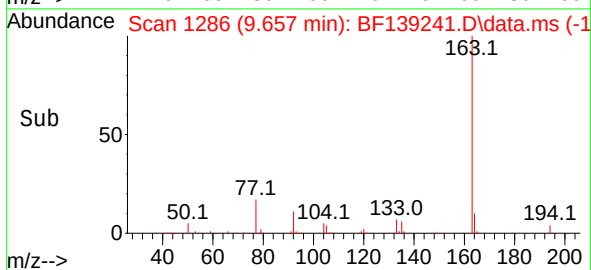
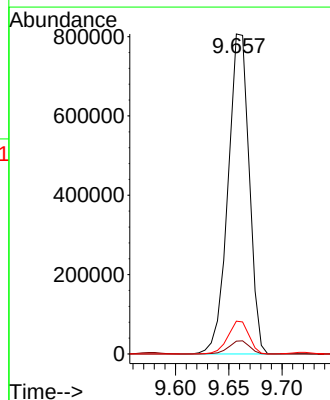
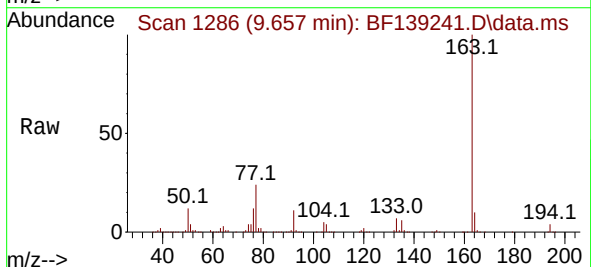
Tgt Ion:163 Resp: 1115343

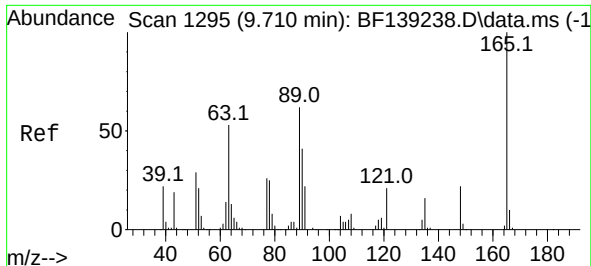
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.2 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 79.082 ng

RT: 9.716 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

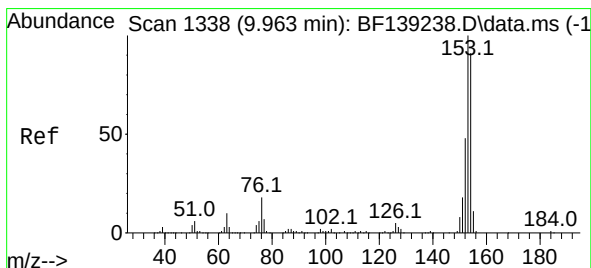
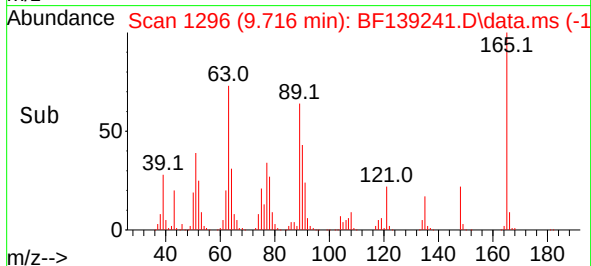
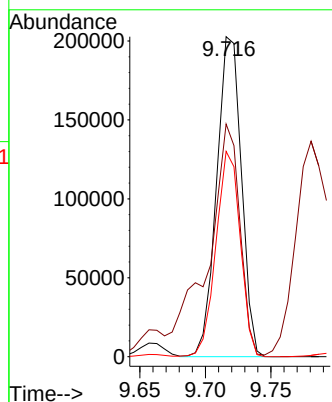
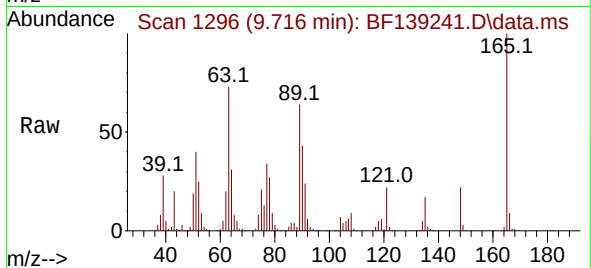
Tgt Ion:165 Resp: 265908

Ion Ratio Lower Upper

165 100

63 72.7 56.1 84.1

89 64.1 49.7 74.5



#52

Acenaphthene

Concen: 75.345 ng

RT: 9.969 min Scan# 1339

Delta R.T. 0.006 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

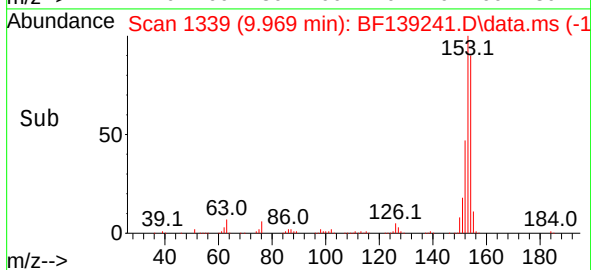
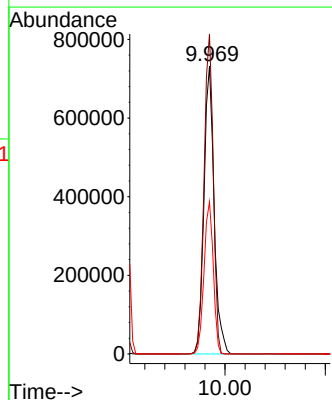
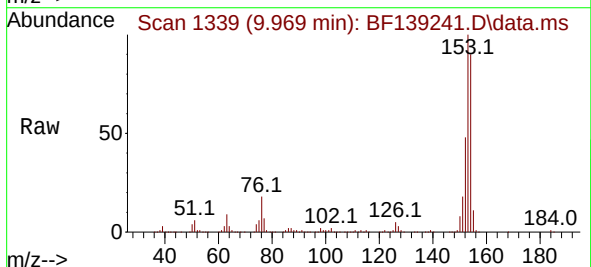
Tgt Ion:154 Resp: 1029705

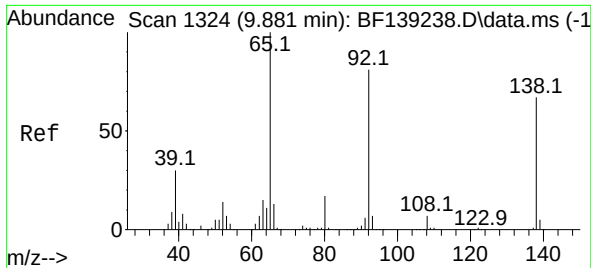
Ion Ratio Lower Upper

154 100

153 111.2 87.8 131.6

152 52.9 41.7 62.5

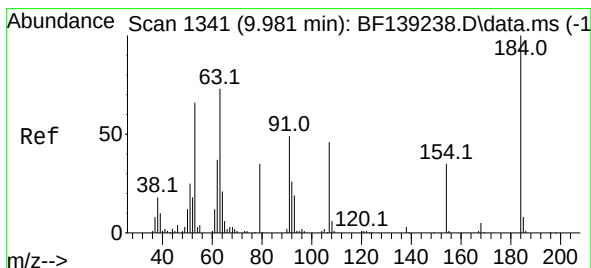
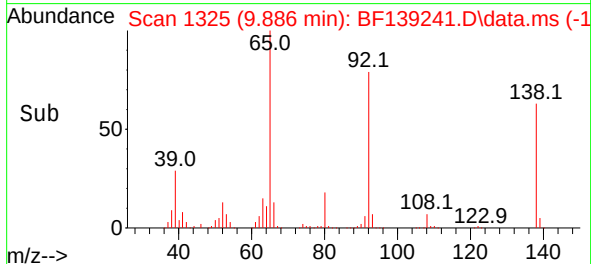
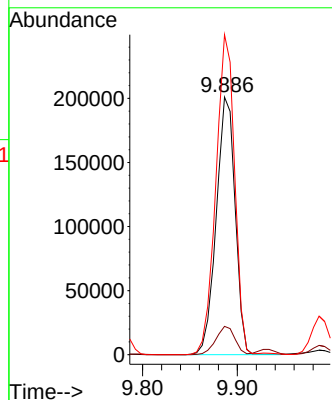
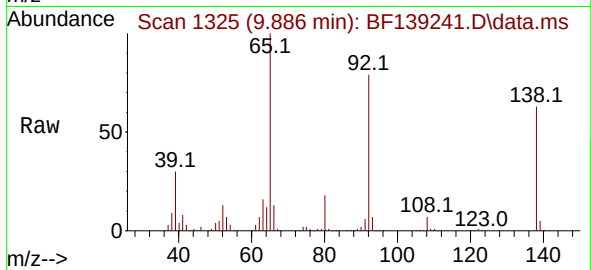




#53
3-Nitroaniline
Concen: 77.873 ng
RT: 9.886 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

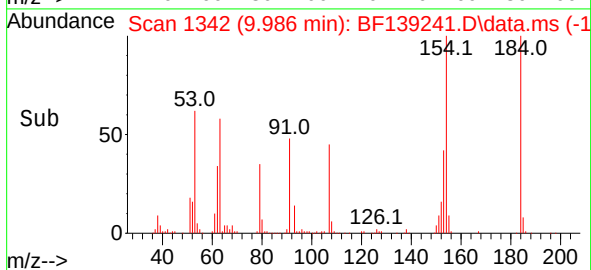
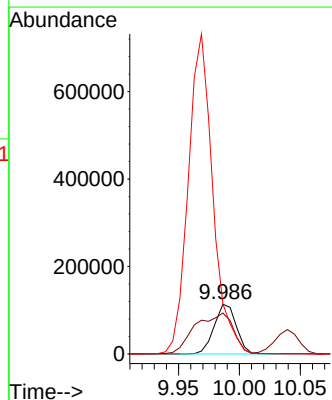
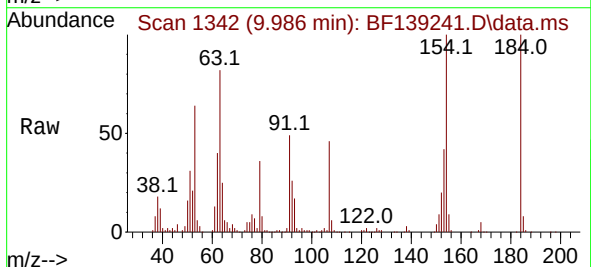
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

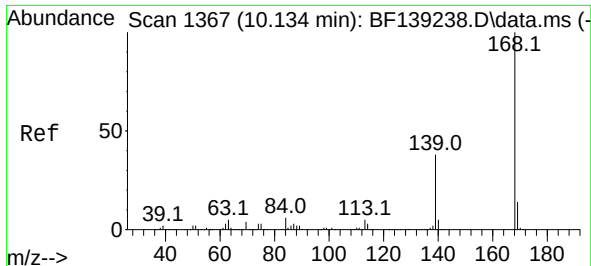
Tgt Ion:138 Resp: 278978
Ion Ratio Lower Upper
138 100
108 11.0 8.6 13.0
92 124.2 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 81.708 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.005 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

Tgt Ion:184 Resp: 144257
Ion Ratio Lower Upper
184 100
63 82.5 66.4 99.6
154 100.4 97.0 145.6





#55

Dibenzenofuran

Concen: 72.313 ng

RT: 10.139 min Scan# 14

Delta R.T. 0.006 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

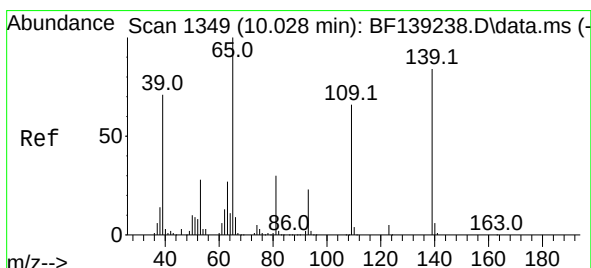
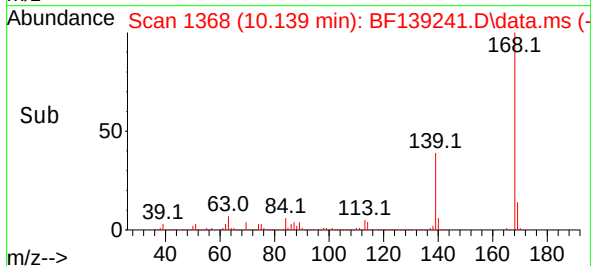
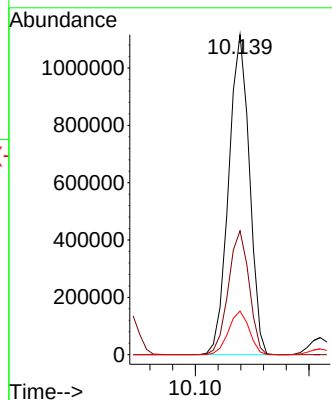
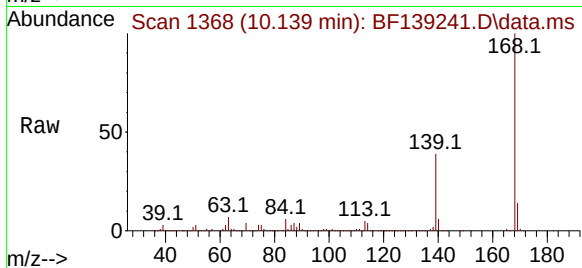
Tgt Ion:168 Resp: 1416885

Ion Ratio Lower Upper

168 100

139 38.7 30.2 45.4

169 13.6 10.8 16.2



#56

4-Nitrophenol

Concen: 80.356 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.012 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

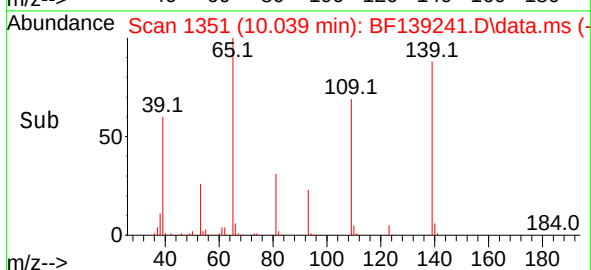
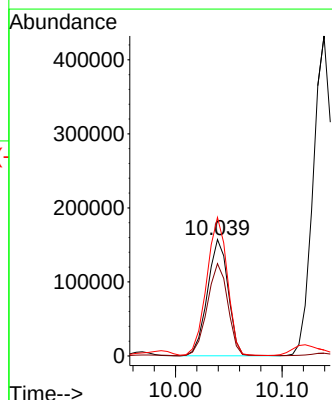
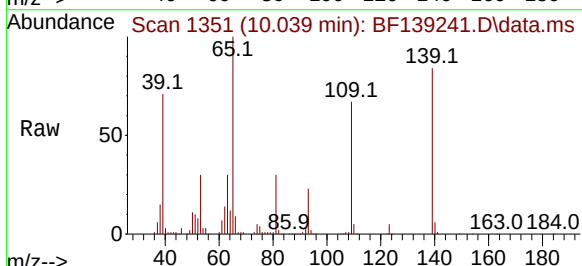
Tgt Ion:139 Resp: 212475

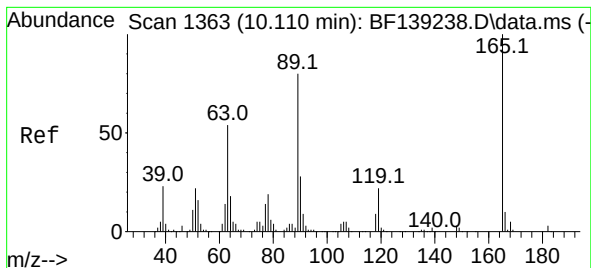
Ion Ratio Lower Upper

139 100

109 79.2 58.7 98.7

65 118.9 100.3 140.3

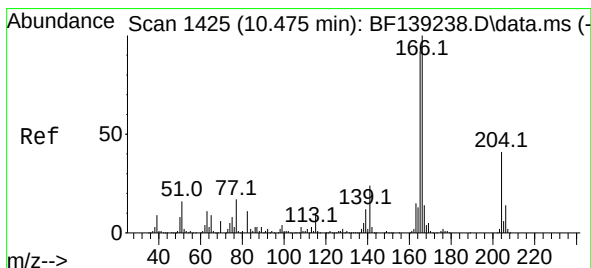
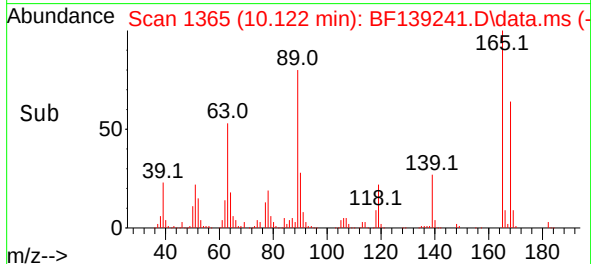
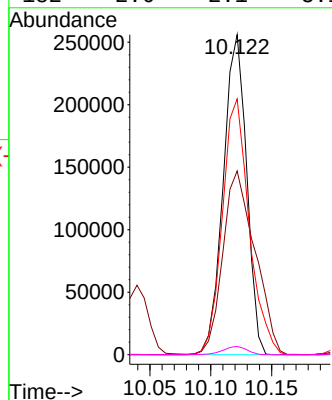
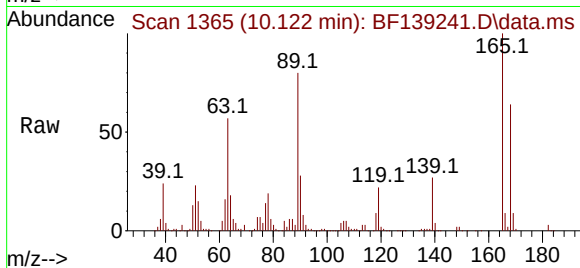




#57
2,4-Dinitrotoluene
Concen: 79.535 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.012 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

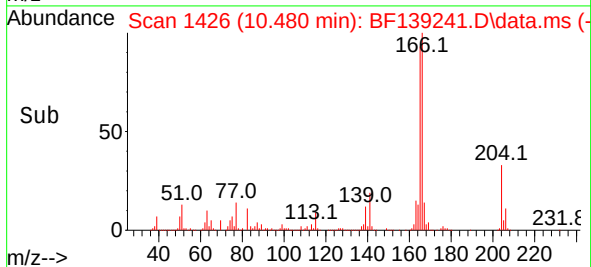
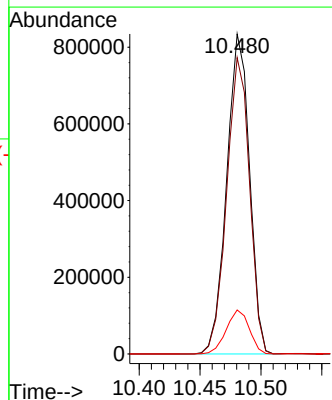
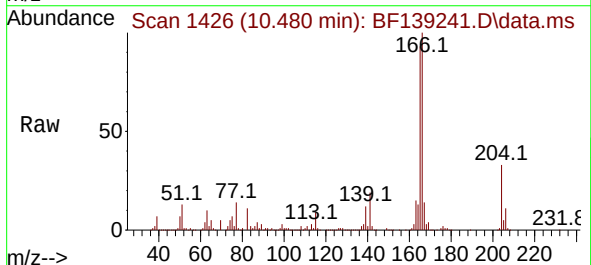
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

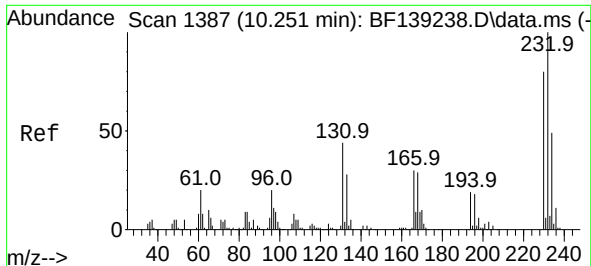
Tgt Ion:165 Resp: 340385
Ion Ratio Lower Upper
165 100
63 57.4 43.4 65.0
89 79.9 64.2 96.4
182 2.6 2.1 3.1



#58
Fluorene
Concen: 71.618 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

Tgt Ion:166 Resp: 1087972
Ion Ratio Lower Upper
166 100
165 92.6 73.7 110.5
167 13.8 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 75.290 ng

RT: 10.251 min Scan# 1405

Delta R.T. -0.000 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:232 Resp: 281137

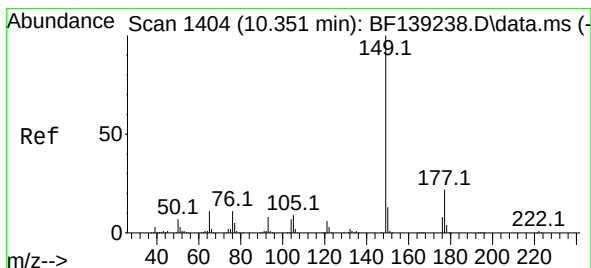
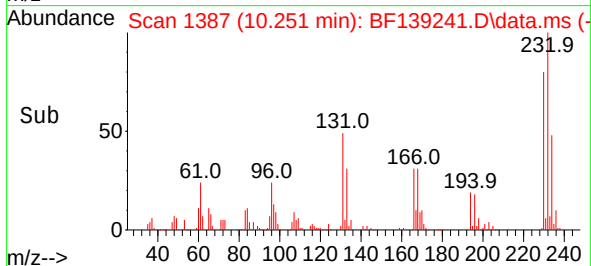
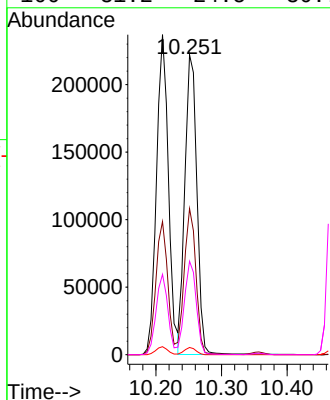
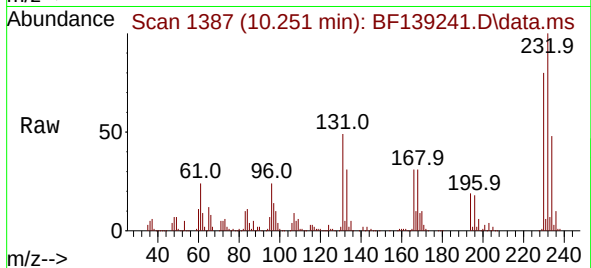
Ion Ratio Lower Upper

232 100

131 47.7 37.7 56.5

130 2.3 1.9 2.9

166 31.2 24.5 36.7



#60

Diethylphthalate

Concen: 75.496 ng

RT: 10.357 min Scan# 1405

Delta R.T. 0.006 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

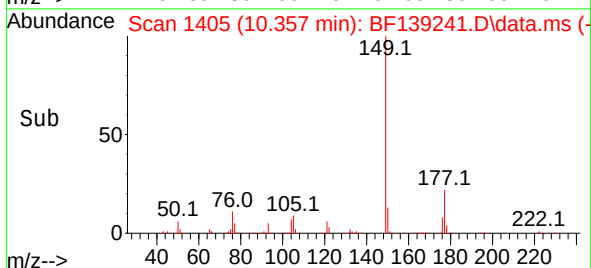
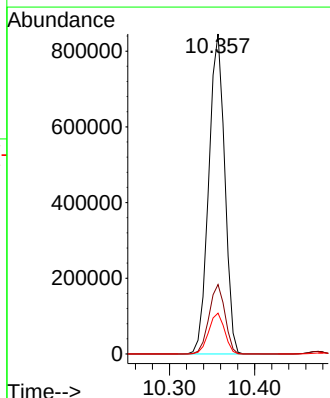
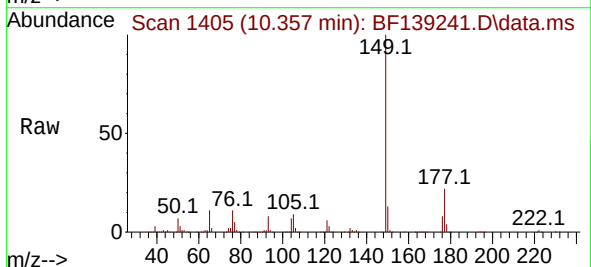
Tgt Ion:149 Resp: 1101184

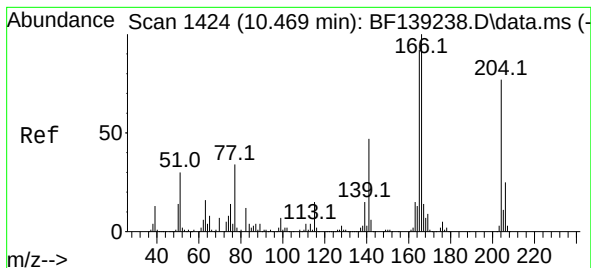
Ion Ratio Lower Upper

149 100

177 21.7 17.7 26.5

150 12.8 10.2 15.2

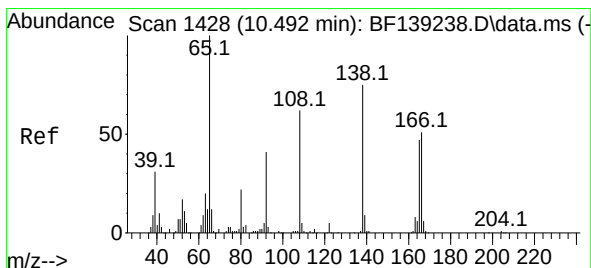
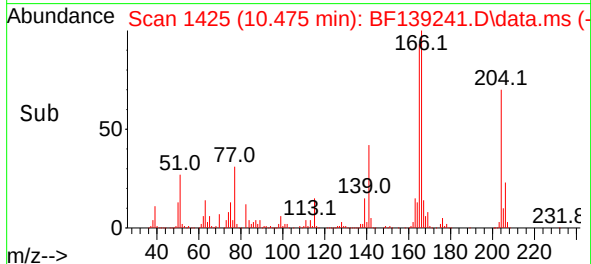
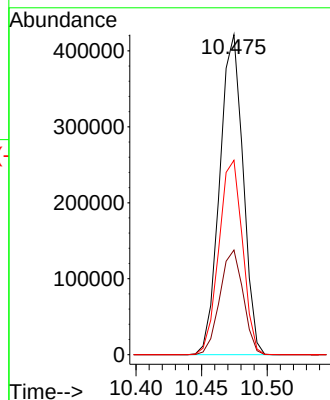
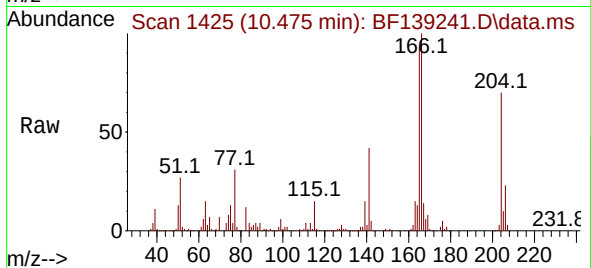




#61
4-Chlorophenyl-phenylether
Concen: 71.126 ng
RT: 10.475 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

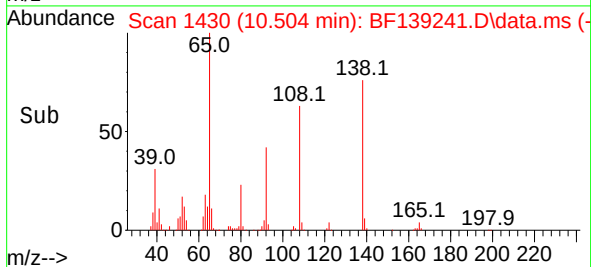
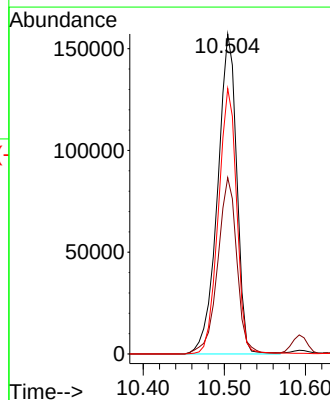
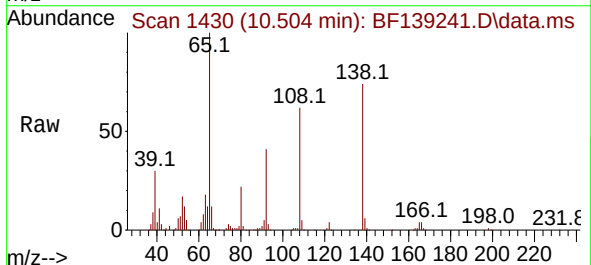
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

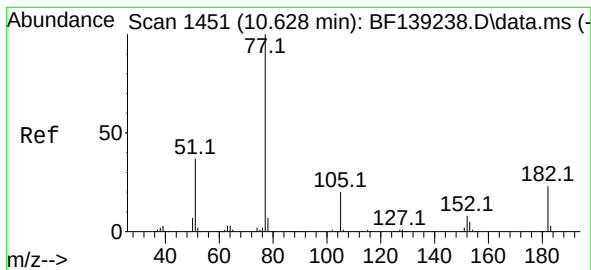
Tgt Ion:204 Resp: 521078
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.8
141 60.8 48.6 72.8



#62
4-Nitroaniline
Concen: 75.842 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.012 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

Tgt Ion:138 Resp: 258632
Ion Ratio Lower Upper
138 100
92 55.1 34.4 74.4
108 82.9 62.7 102.7





#63

Azobenzene

Concen: 74.336 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 1142765

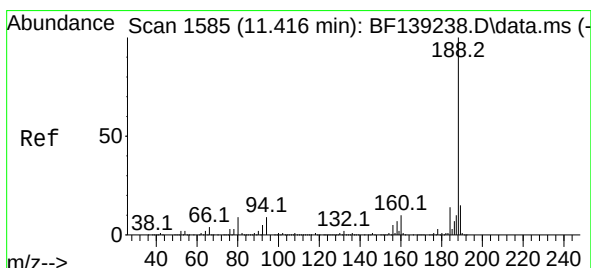
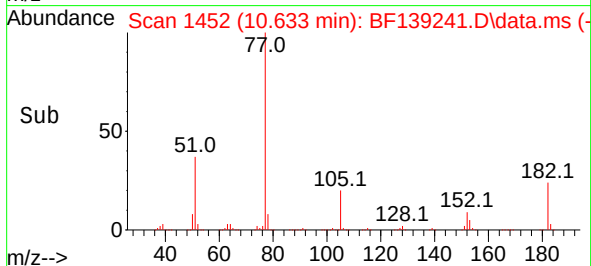
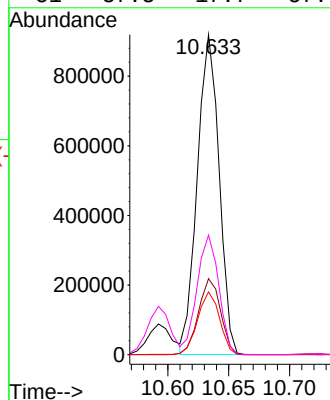
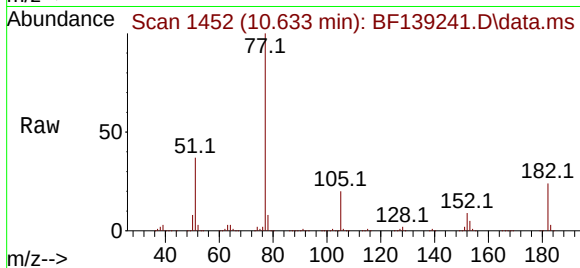
Ion Ratio Lower Upper

77 100

182 23.7 3.0 43.0

105 19.6 0.0 39.4

51 37.3 17.7 57.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.000 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

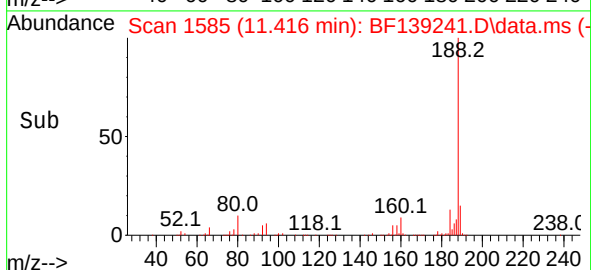
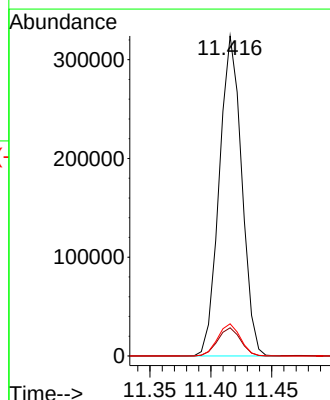
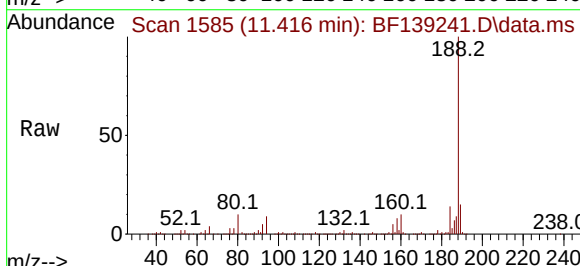
Tgt Ion:188 Resp: 415965

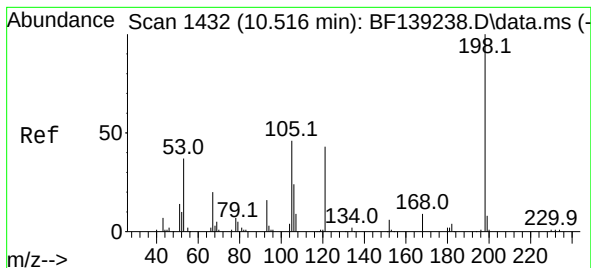
Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

80 10.0 7.3 10.9

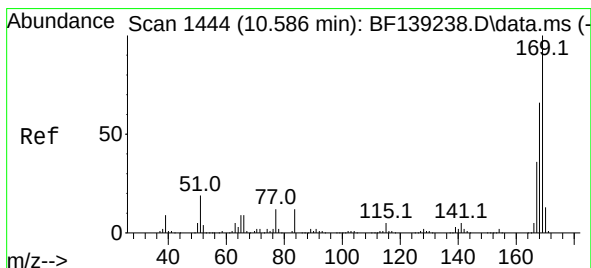
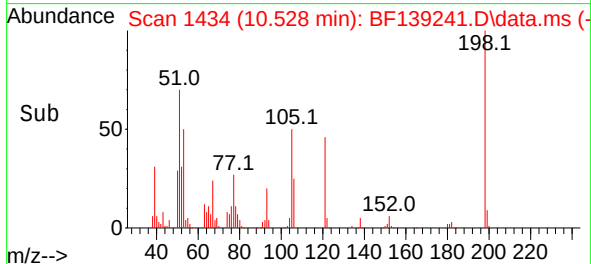
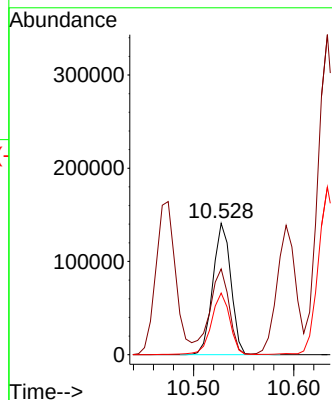
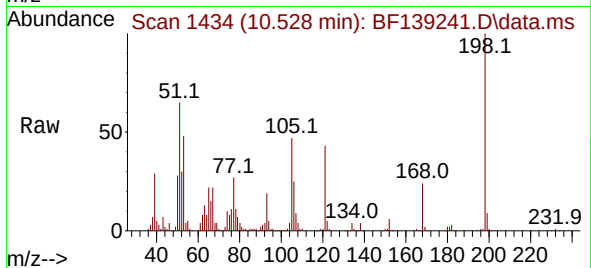




#65
4,6-Dinitro-2-methylphenol
Concen: 91.305 ng
RT: 10.528 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

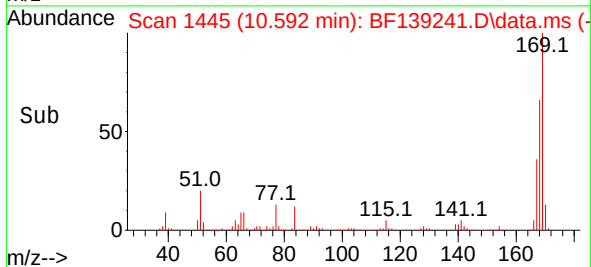
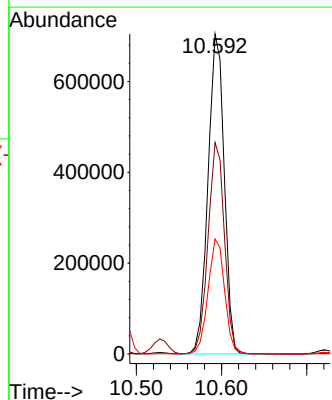
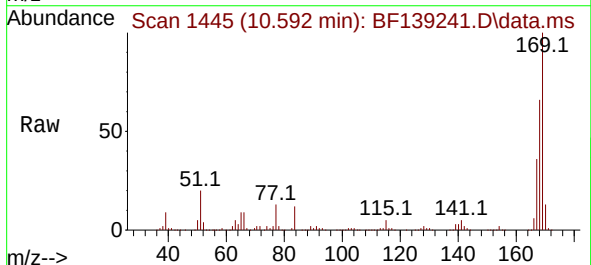
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

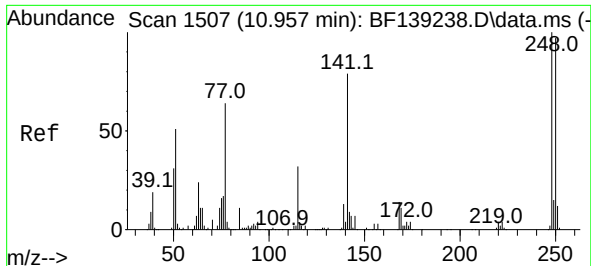
Tgt Ion:198 Resp: 175489
Ion Ratio Lower Upper
198 100
51 65.2 47.2 87.2
105 46.9 27.1 67.1



#66
n-Nitrosodiphenylamine
Concen: 76.699 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

Tgt Ion:169 Resp: 928685
Ion Ratio Lower Upper
169 100
168 66.1 53.0 79.6
167 35.9 29.0 43.6

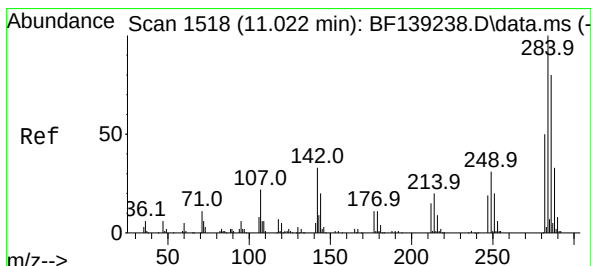
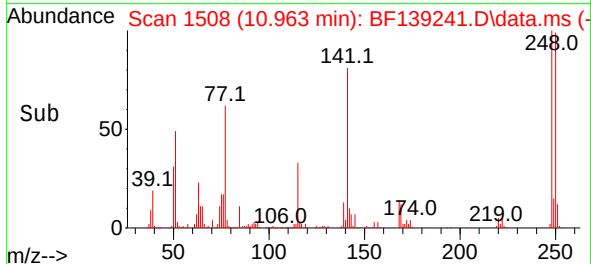
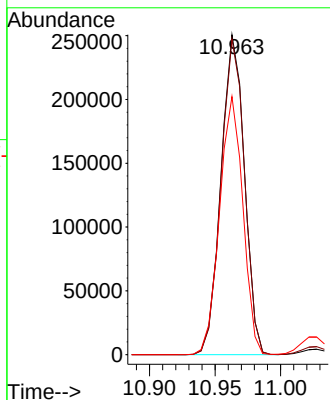
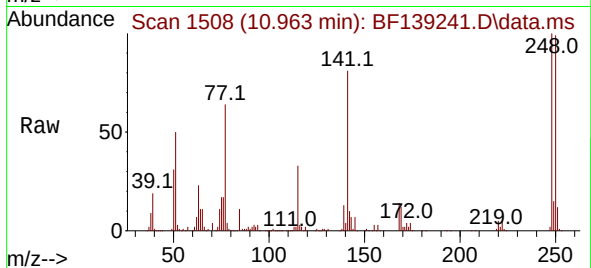




#67
4-Bromophenyl-phenylether
Concen: 77.173 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

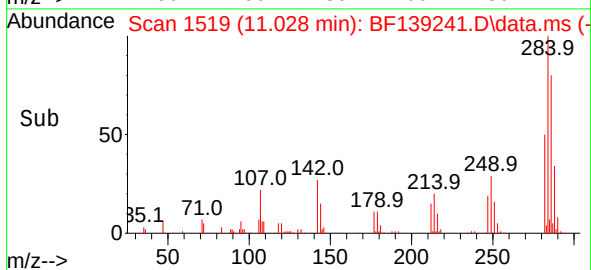
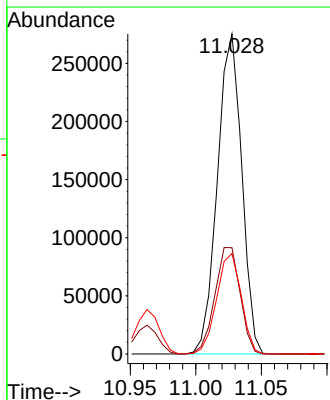
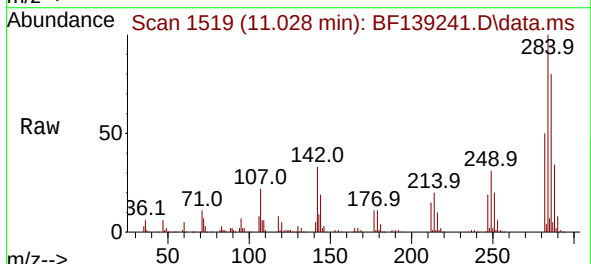
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

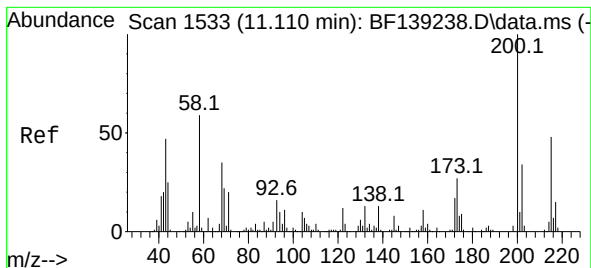
Tgt Ion:248 Resp: 311461
Ion Ratio Lower Upper
248 100
250 98.6 77.2 115.8
141 80.6 63.6 95.4



#68
Hexachlorobenzene
Concen: 76.934 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

Tgt Ion:284 Resp: 355446
Ion Ratio Lower Upper
284 100
142 33.2 26.5 39.7
249 31.4 24.8 37.2





#69

Atrazine

Concen: 40.427 ng

RT: 11.116 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

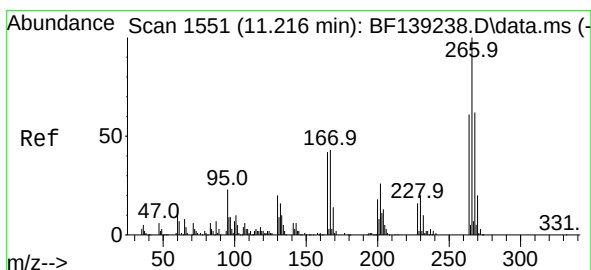
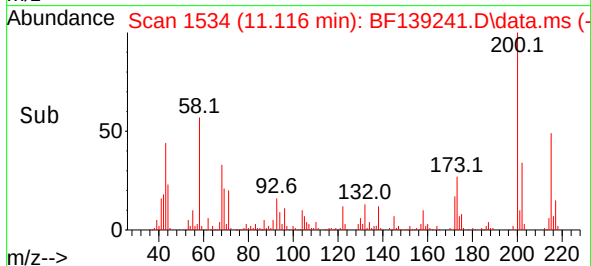
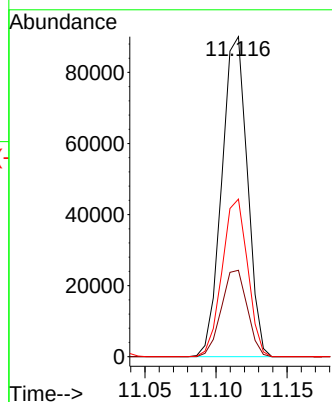
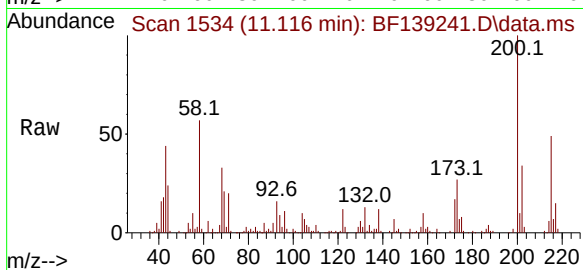
Tgt Ion:200 Resp: 112933

Ion Ratio Lower Upper

200 100

173 27.0 7.1 47.1

215 49.3 28.5 68.5



#70

Pentachlorophenol

Concen: 84.241 ng

RT: 11.216 min Scan# 1551

Delta R.T. -0.000 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

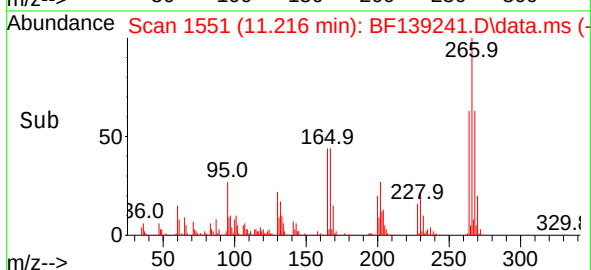
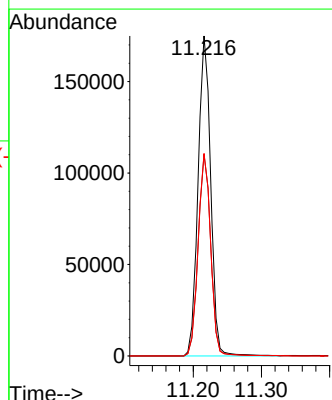
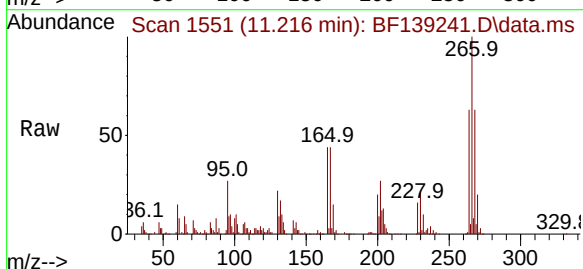
Tgt Ion:266 Resp: 224823

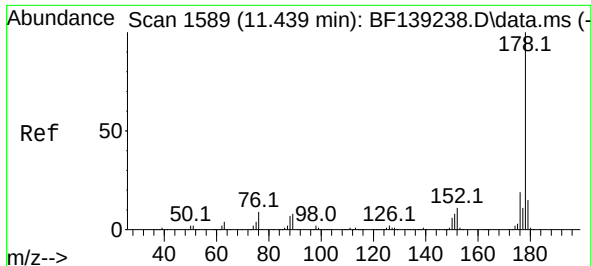
Ion Ratio Lower Upper

266 100

268 63.1 49.7 74.5

264 63.3 49.2 73.8

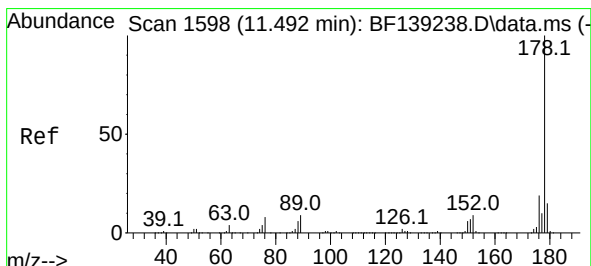
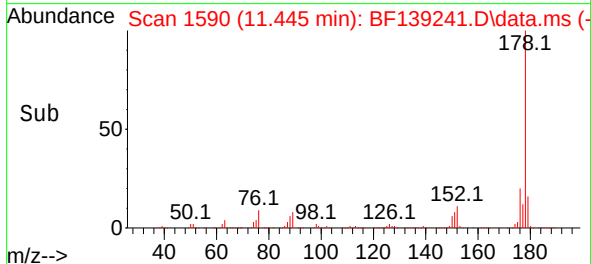
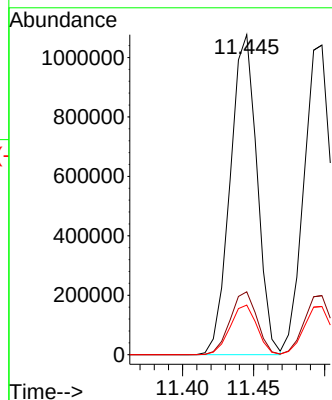
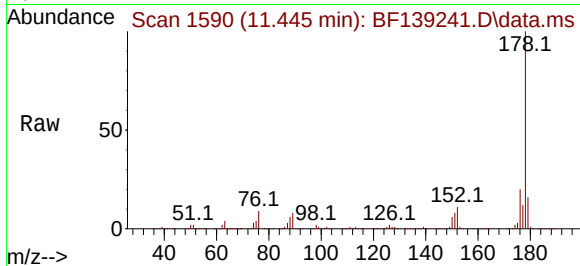




#71
Phenanthrene
Concen: 72.951 ng
RT: 11.445 min Scan# 1589
Delta R.T. 0.006 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

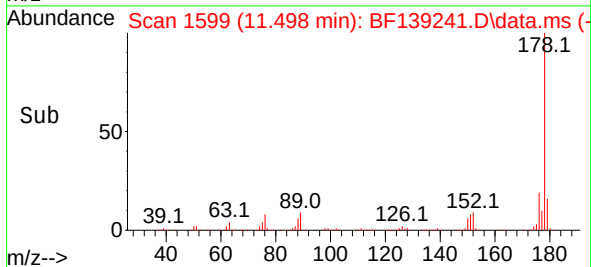
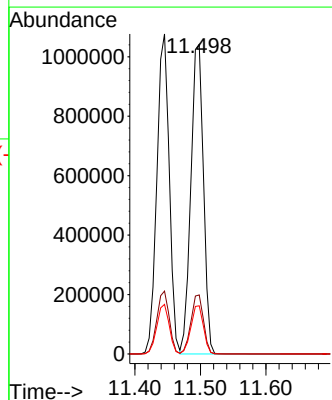
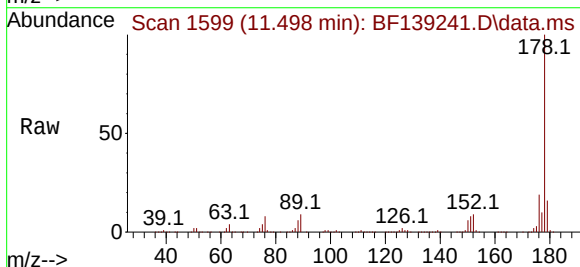
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

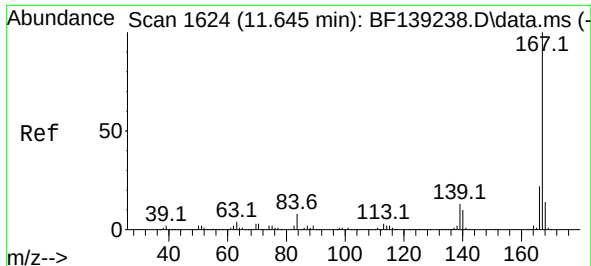
Tgt Ion:178 Resp: 1417601
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.5 12.3 18.5



#72
Anthracene
Concen: 73.339 ng
RT: 11.498 min Scan# 1599
Delta R.T. 0.006 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

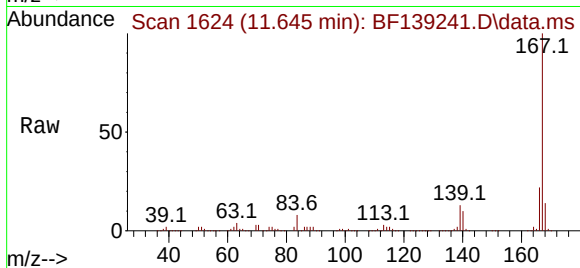
Tgt Ion:178 Resp: 1392156
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 15.5 12.3 18.5



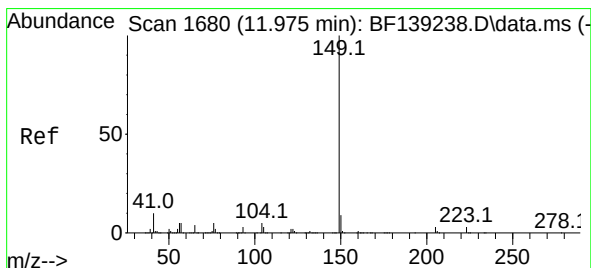
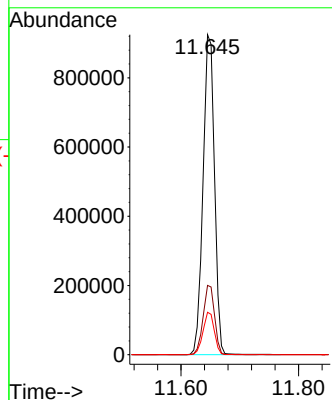
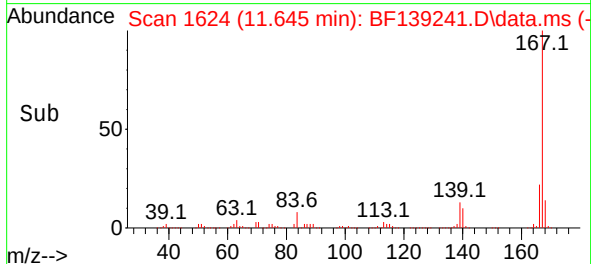


#73
 Carbazole
 Concen: 70.719 ng
 RT: 11.645 min Scan# 1624
 Delta R.T. -0.000 min
 Lab File: BF139241.D
 Acq: 04 Sep 2024 15:04

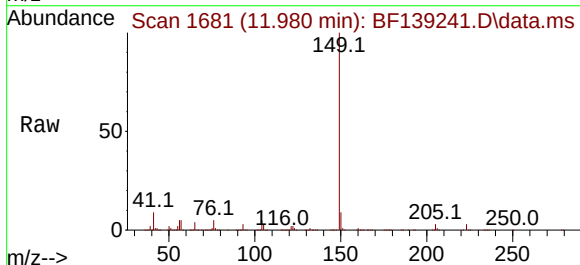
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080



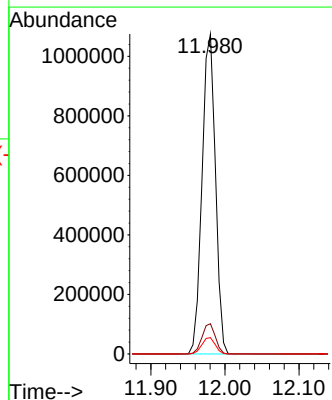
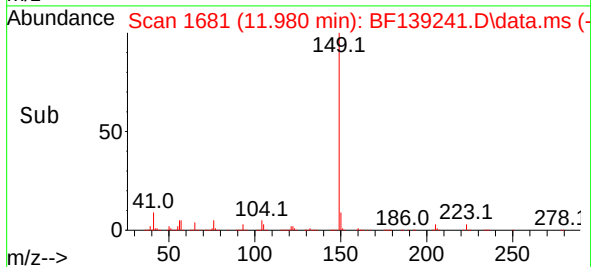
Tgt Ion:167 Resp: 1254672
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.2 10.2 15.4

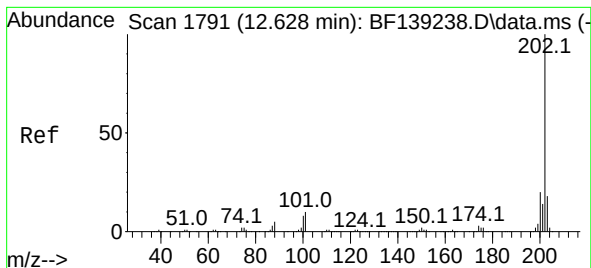


#74
 Di-n-butylphthalate
 Concen: 74.042 ng
 RT: 11.980 min Scan# 1681
 Delta R.T. 0.006 min
 Lab File: BF139241.D
 Acq: 04 Sep 2024 15:04



Tgt Ion:149 Resp: 1345040
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.1 3.9 5.9





#75

Fluoranthene

Concen: 68.196 ng

RT: 12.627 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

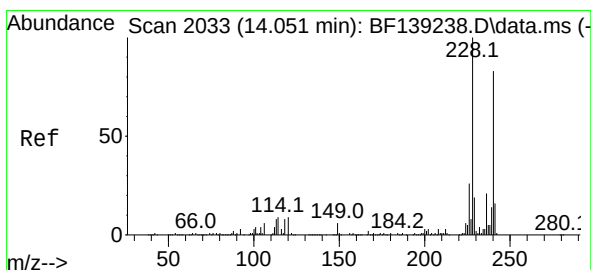
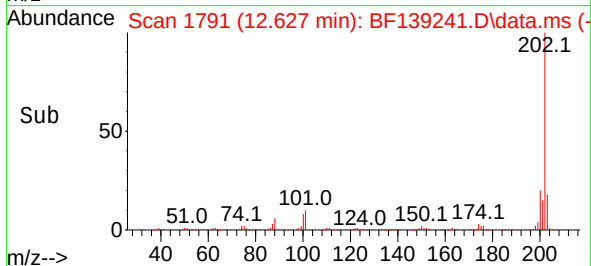
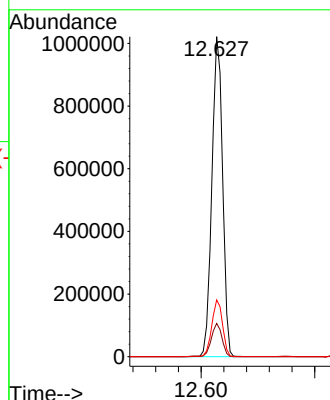
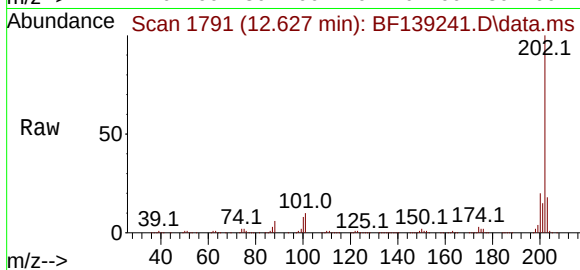
Tgt Ion:202 Resp: 1328560

Ion Ratio Lower Upper

202 100

101 10.4 0.0 29.9

203 17.8 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

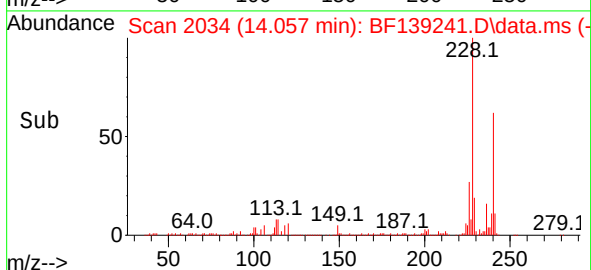
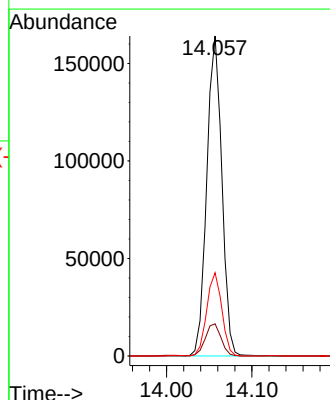
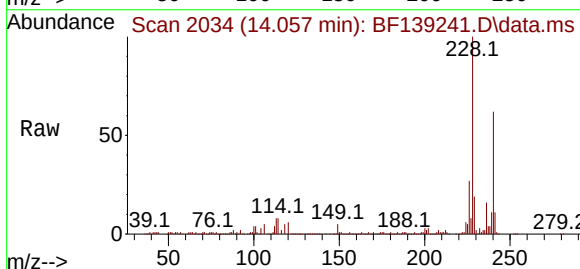
Tgt Ion:240 Resp: 201568

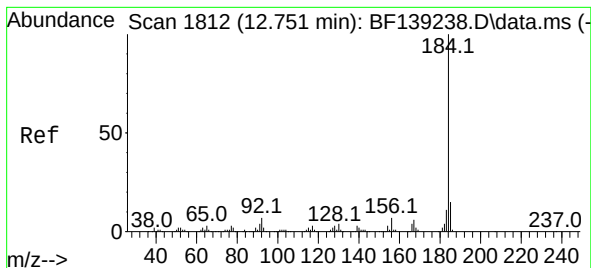
Ion Ratio Lower Upper

240 100

120 10.1 8.6 12.8

236 26.0 20.7 31.1





#77

Benzidine

Concen: 78.066 ng

RT: 12.751 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

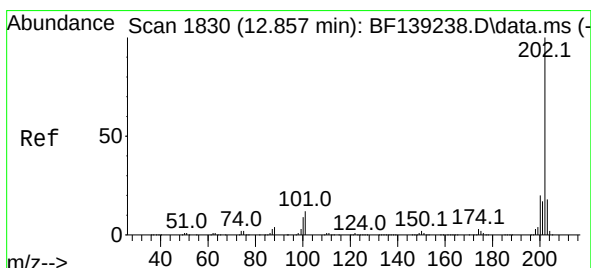
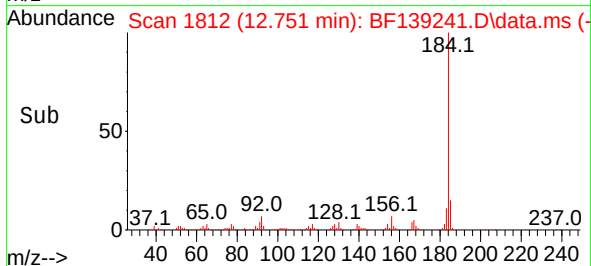
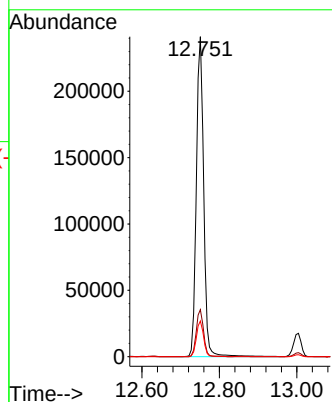
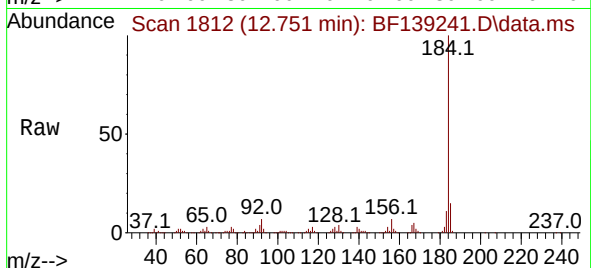
Tgt Ion:184 Resp: 316842

Ion Ratio Lower Upper

184 100

185 14.7 11.9 17.9

183 11.2 8.8 13.2



#78

Pyrene

Concen: 67.511 ng

RT: 12.857 min Scan# 1830

Delta R.T. -0.000 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

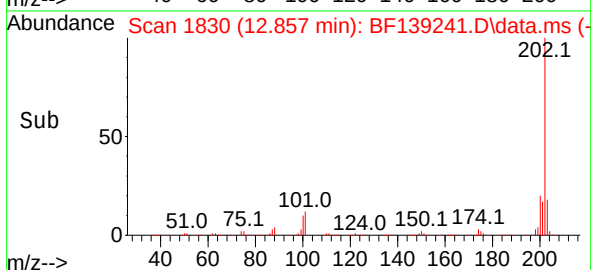
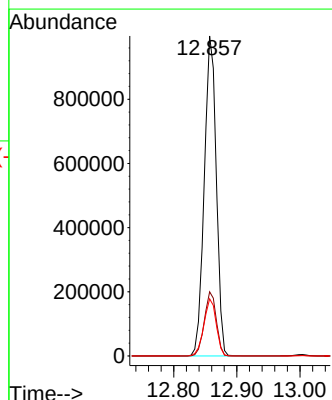
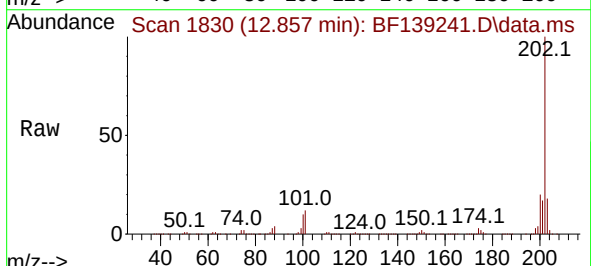
Tgt Ion:202 Resp: 1314545

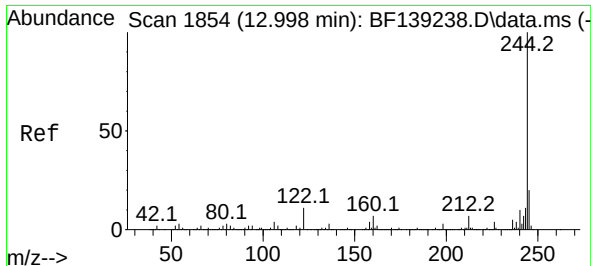
Ion Ratio Lower Upper

202 100

200 20.0 15.8 23.8

203 17.9 14.1 21.1

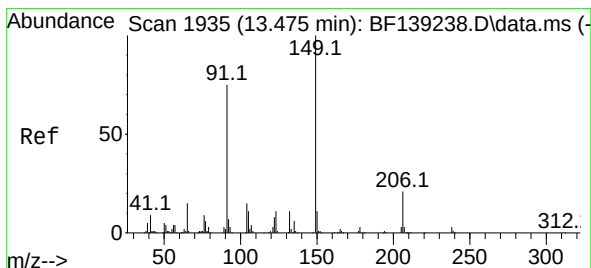
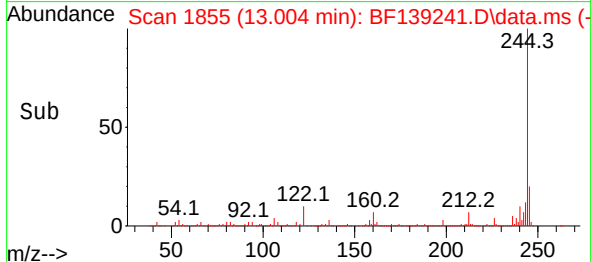
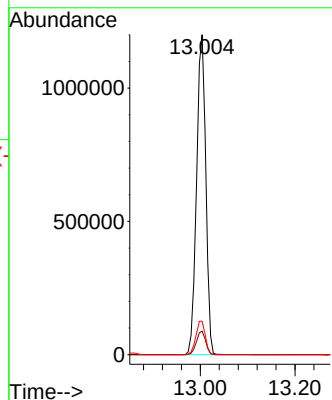
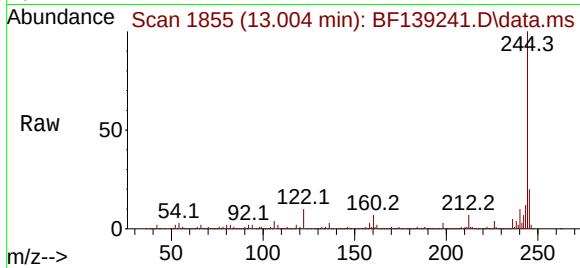




#79
 Terphenyl-d14
 Concen: 129.942 ng
 RT: 13.004 min Scan# 1855
 Delta R.T. 0.006 min
 Lab File: BF139241.D
 Acq: 04 Sep 2024 15:04

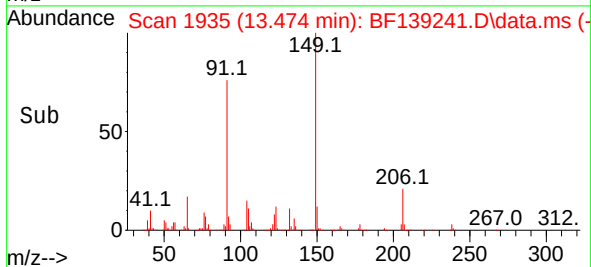
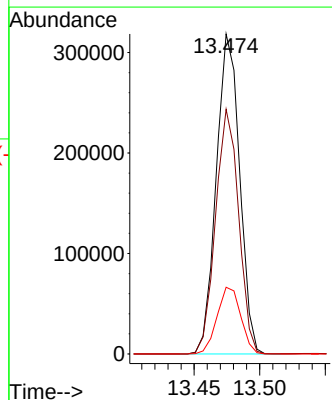
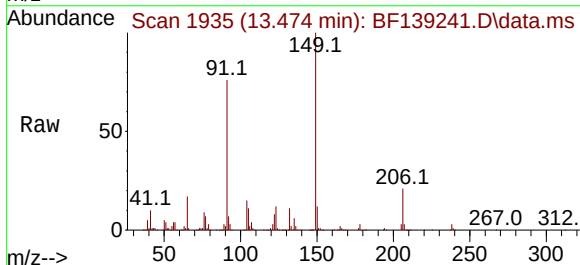
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

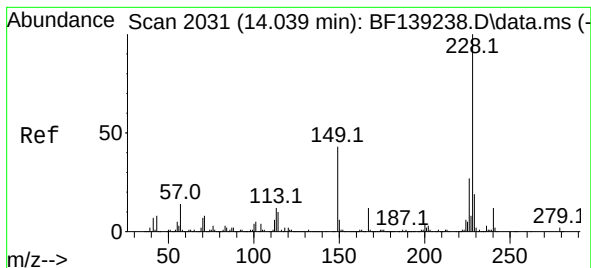
Tgt Ion:244 Resp: 1622223
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.4 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 85.903 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. -0.000 min
 Lab File: BF139241.D
 Acq: 04 Sep 2024 15:04

Tgt Ion:149 Resp: 393762
 Ion Ratio Lower Upper
 149 100
 91 76.4 60.3 90.5
 206 20.9 16.7 25.1





#81

Benzo(a)anthracene

Concen: 75.346 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

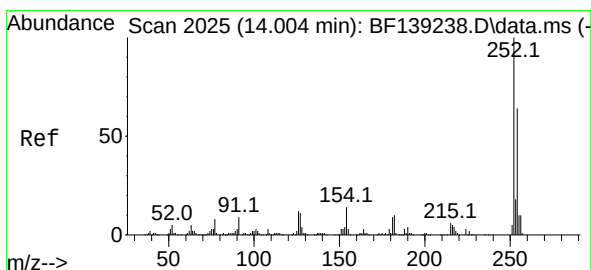
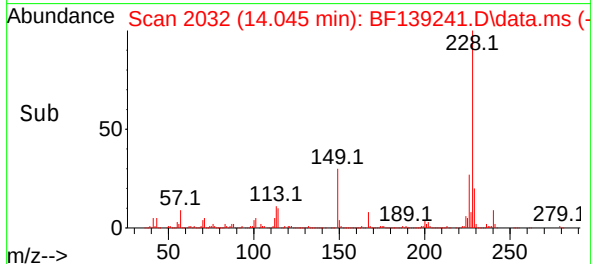
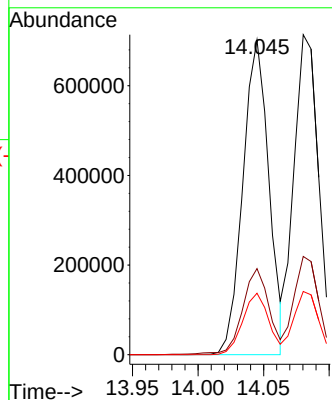
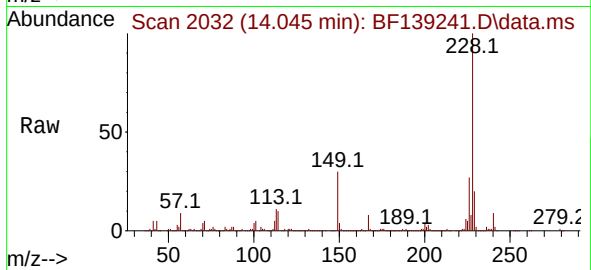
Tgt Ion:228 Resp: 969777

Ion Ratio Lower Upper

228 100

226 27.4 21.5 32.3

229 19.5 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 88.898 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

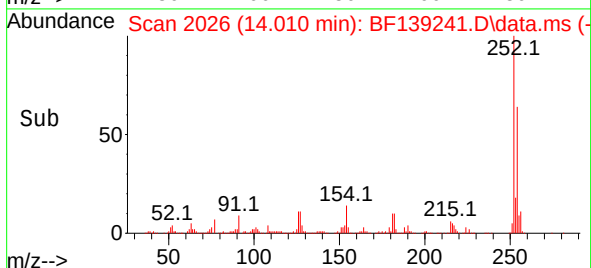
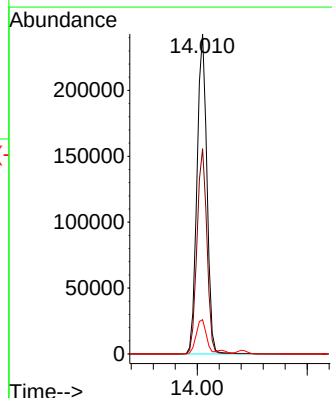
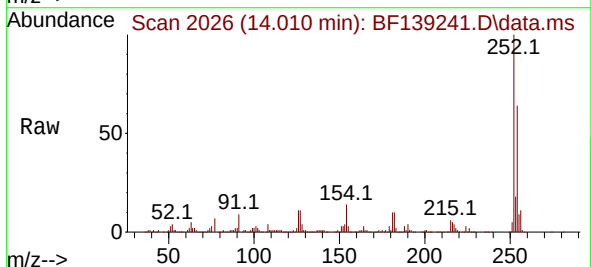
Tgt Ion:252 Resp: 303868

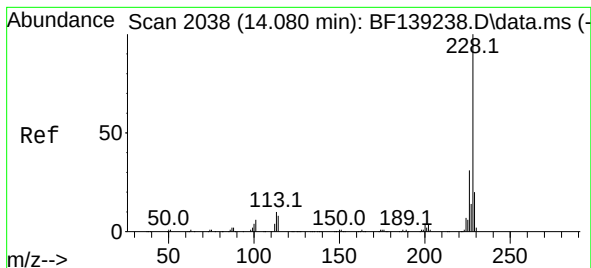
Ion Ratio Lower Upper

252 100

254 64.2 51.5 77.3

126 10.7 9.2 13.8





#83

Chrysene

Concen: 77.350 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

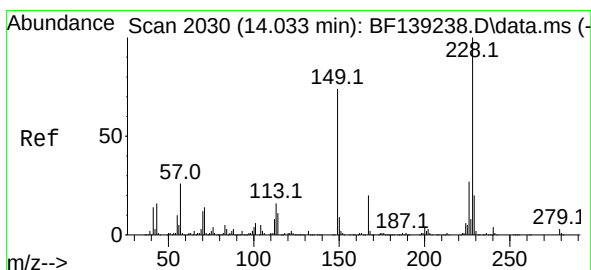
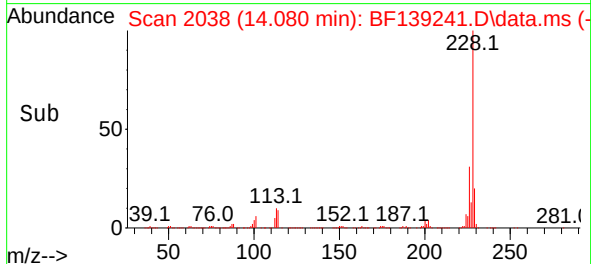
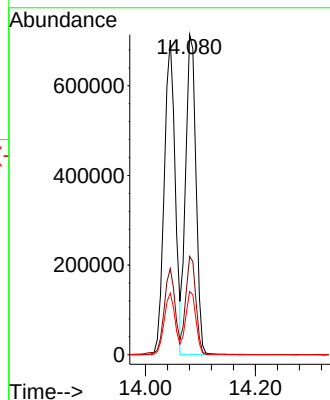
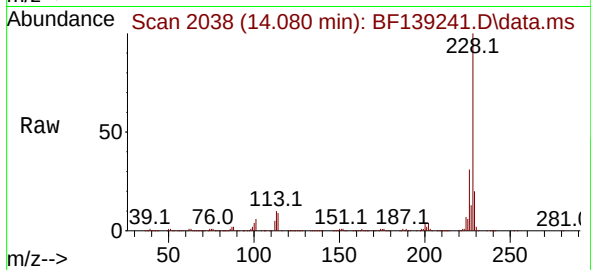
Tgt Ion:228 Resp: 929191

Ion Ratio Lower Upper

228 100

226 30.7 23.8 35.8

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 93.773 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

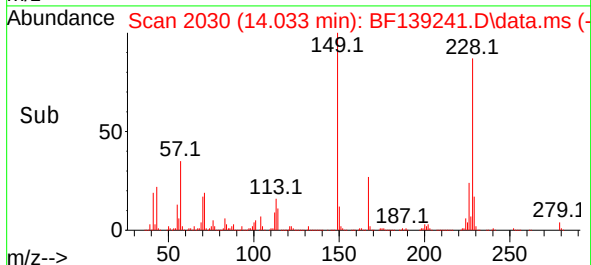
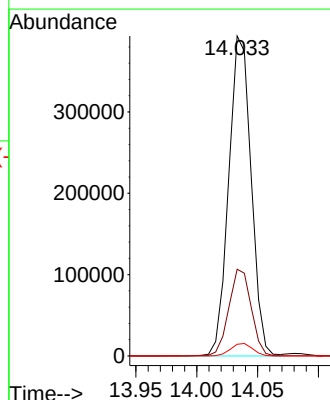
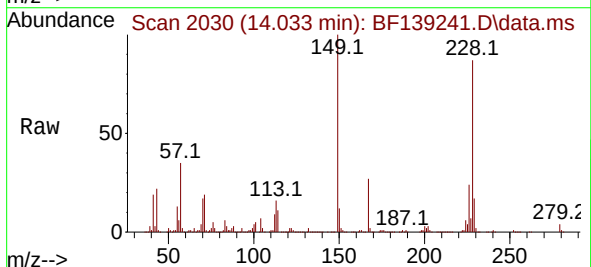
Tgt Ion:149 Resp: 504517

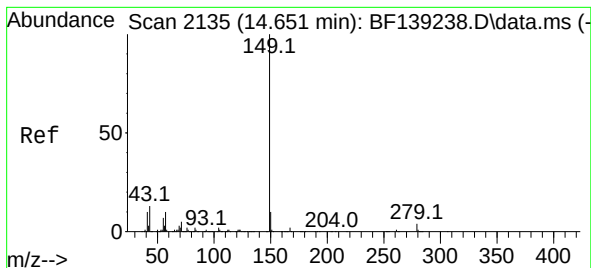
Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.6

279 3.6 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 92.249 ng

RT: 14.651 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

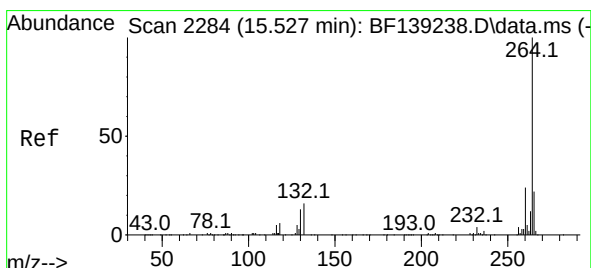
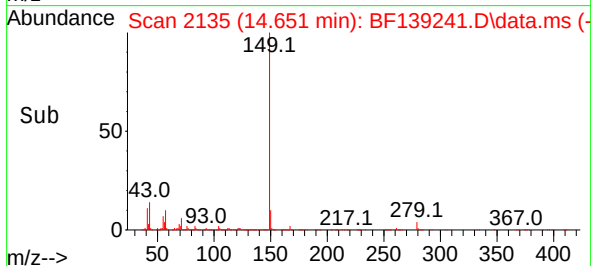
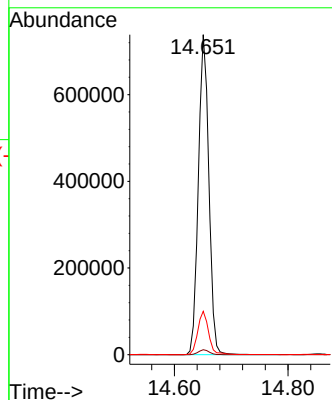
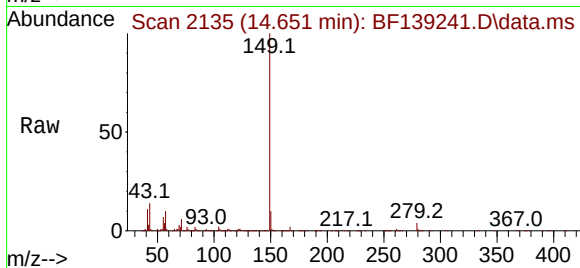
Tgt Ion:149 Resp: 950223

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 14.0 10.9 16.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. -0.000 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

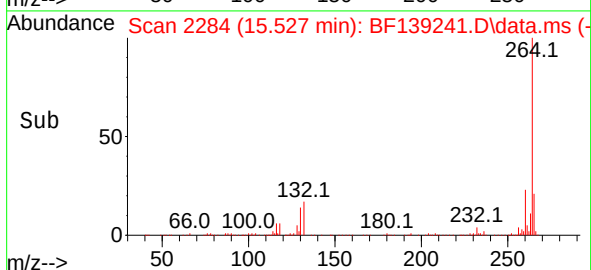
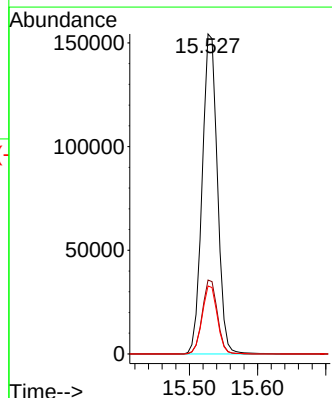
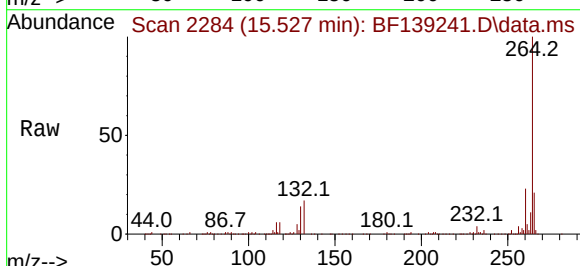
Tgt Ion:264 Resp: 239117

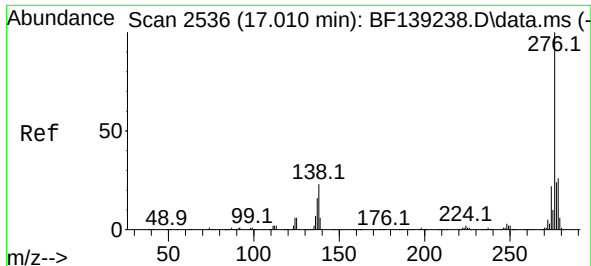
Ion Ratio Lower Upper

264 100

260 23.1 18.8 28.2

265 21.3 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 79.158 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

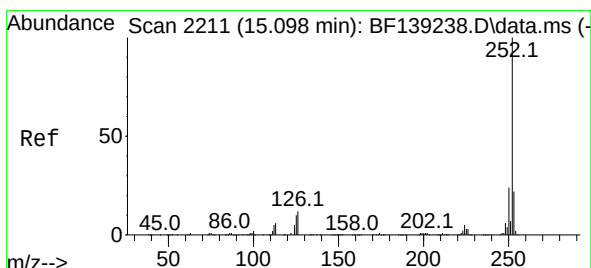
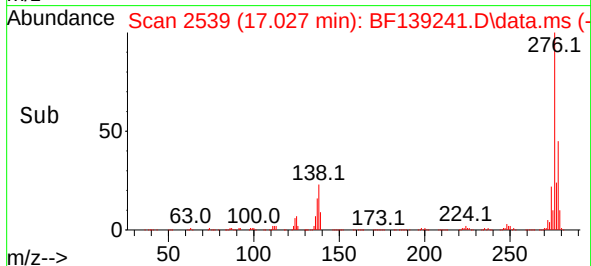
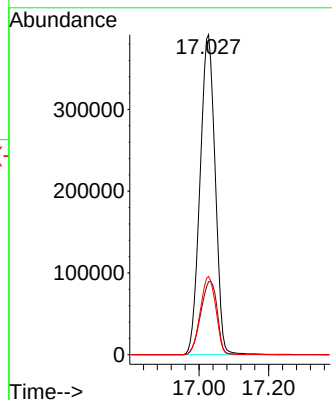
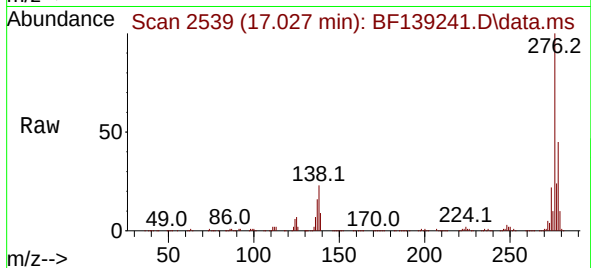
Tgt Ion:276 Resp: 1182466

Ion Ratio Lower Upper

276 100

138 24.9 20.4 30.6

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 76.199 ng

RT: 15.104 min Scan# 2212

Delta R.T. 0.006 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

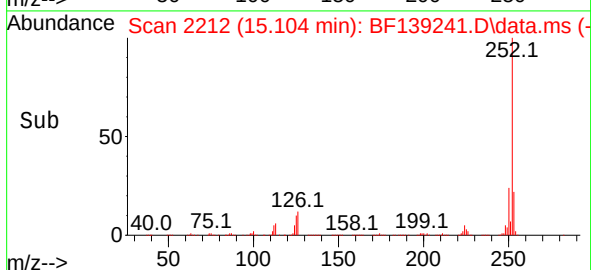
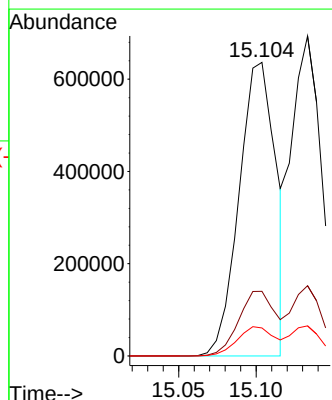
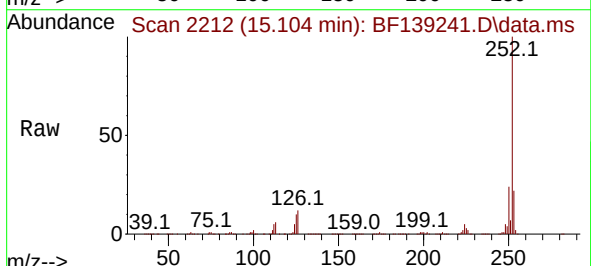
Tgt Ion:252 Resp: 1049307

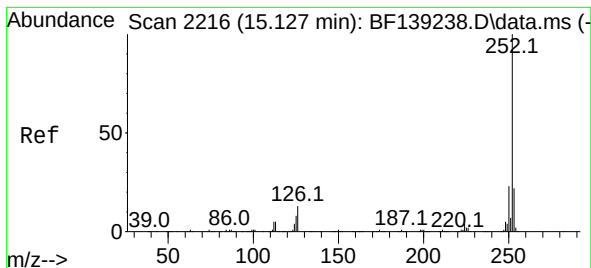
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.5 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 76.534 ng

RT: 15.133 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

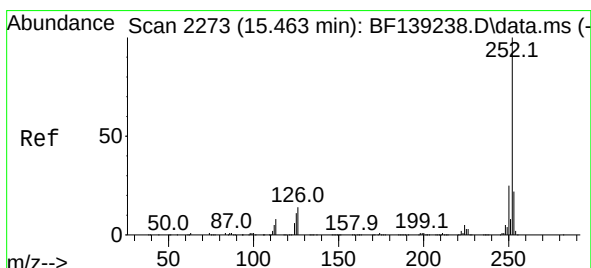
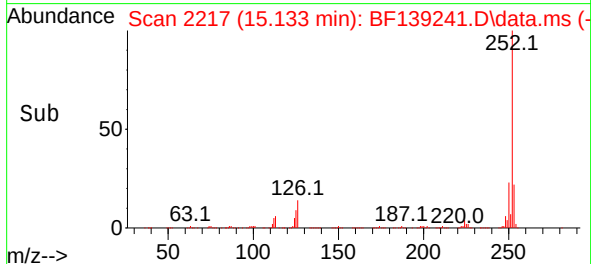
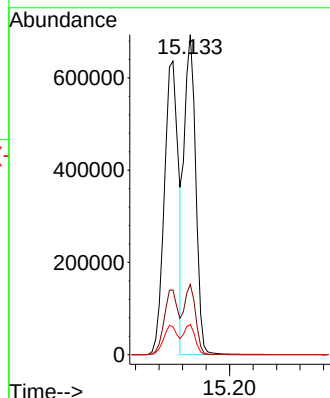
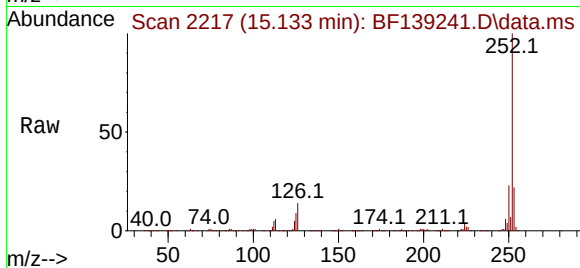
Tgt Ion:252 Resp: 944975

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.4 7.2 10.8



#90

Benzo(a)pyrene

Concen: 79.267 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.012 min

Lab File: BF139241.D

Acq: 04 Sep 2024 15:04

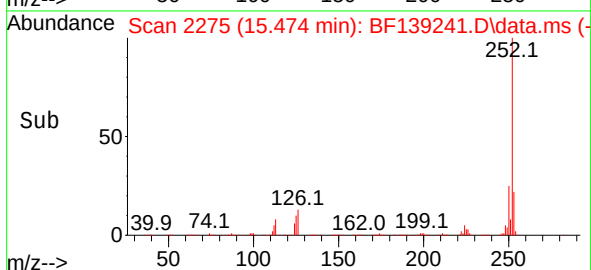
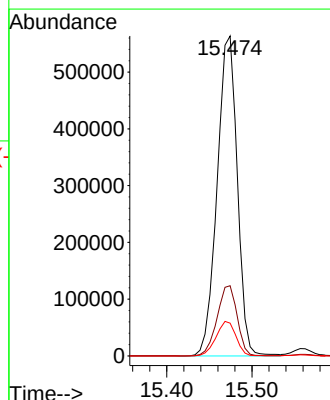
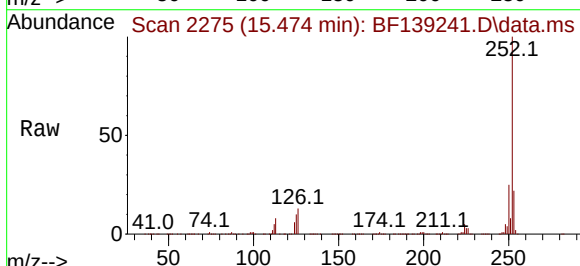
Tgt Ion:252 Resp: 926878

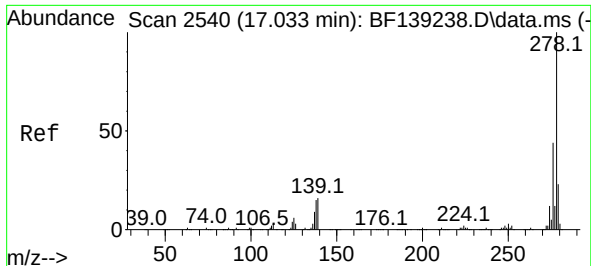
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.3 8.6 13.0

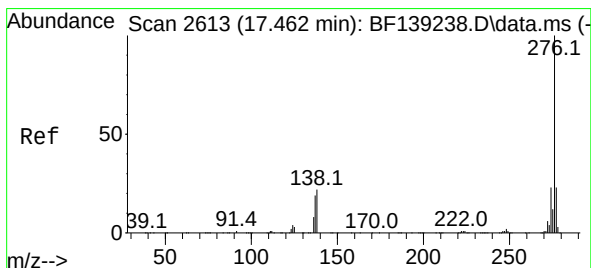
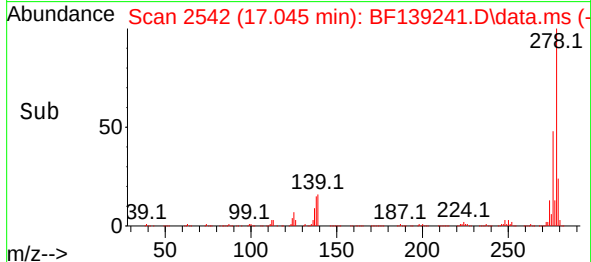
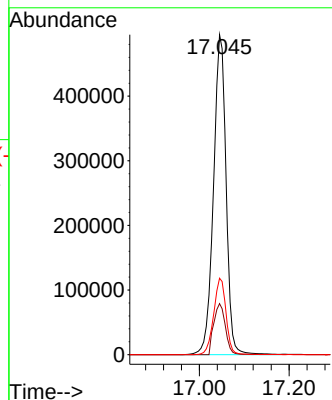
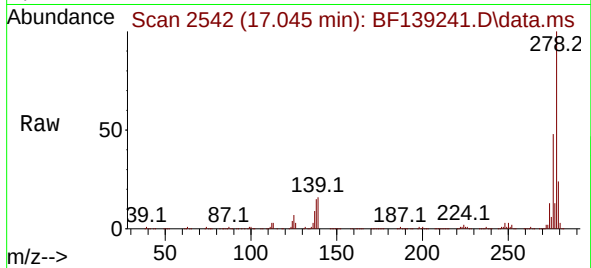




#91
Dibenzo(a,h)anthracene
Concen: 78.508 ng
RT: 17.045 min Scan# 2540
Delta R.T. 0.012 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 966455
Ion Ratio Lower Upper
278 100
139 15.9 12.6 19.0
279 23.9 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 77.701 ng
RT: 17.480 min Scan# 2616
Delta R.T. 0.018 min
Lab File: BF139241.D
Acq: 04 Sep 2024 15:04

Tgt Ion:276 Resp: 987345
Ion Ratio Lower Upper
276 100
277 23.8 18.6 27.8
138 21.5 17.4 26.0

