

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090624\
 Data File : BF139274.D
 Acq On : 06 Sep 2024 12:37
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ223

Quant Time: Sep 06 12:56:55 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 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	124522	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	445282	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	239501	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	433743	20.000	ng	0.00
76) Chrysene-d12	14.051	240	217068	20.000	ng	0.00
86) Perylene-d12	15.527	264	224850	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	568792	76.413	ng	0.00
7) Phenol-d6	6.510	99	756991	76.178	ng	0.00
23) Nitrobenzene-d5	7.451	82	679003	79.329	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	166090	80.309	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1184474	76.342	ng	0.00
79) Terphenyl-d14	12.998	244	1036120	77.068	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	131602	37.965	ng	98
3) Pyridine	3.416	79	325116	38.855	ng	99
4) n-Nitrosodimethylamine	3.381	42	206860	38.070	ng	98
6) Aniline	6.551	93	347479	38.026	ng	99
8) 2-Chlorophenol	6.675	128	295674	38.328	ng	97
9) Benzaldehyde	6.440	77	232505	38.653	ng	99
10) Phenol	6.528	94	406042	38.739	ng	97
11) bis(2-Chloroethyl)ether	6.622	93	289012	38.488	ng	99
12) 1,3-Dichlorobenzene	6.828	146	332412	38.069	ng	98
13) 1,4-Dichlorobenzene	6.904	146	333842	38.198	ng	99
14) 1,2-Dichlorobenzene	7.057	146	306687	37.625	ng	99
15) Benzyl Alcohol	7.028	79	274626	37.896	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	532714	37.266	ng	99
17) 2-Methylphenol	7.134	107	239238	37.965	ng	99
18) Hexachloroethane	7.404	117	120464	38.592	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	219184	38.298	ng	99
20) 3+4-Methylphenols	7.293	107	301892	38.013	ng	93
22) Acetophenone	7.298	105	409170	38.571	ng	97
24) Nitrobenzene	7.475	77	355648	39.148	ng	99
25) Isophorone	7.710	82	570144	38.961	ng	100
26) 2-Nitrophenol	7.787	139	148955	41.746	ng	99
27) 2,4-Dimethylphenol	7.822	122	200149	39.331	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	338148	38.785	ng	98
29) 2,4-Dichlorophenol	8.028	162	240476	39.467	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	274731	39.479	ng	99
31) Naphthalene	8.193	128	868308	38.507	ng	100
32) Benzoic acid	7.928	122	173621	37.457	ng	99
33) 4-Chloroaniline	8.240	127	300273	38.458	ng	99
34) Hexachlorobutadiene	8.310	225	173076	39.250	ng	99
35) Caprolactam	8.610	113	76073	40.329	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	261751	39.422	ng	100
37) 2-Methylnaphthalene	8.887	142	547363	38.798	ng	98
38) 1-Methylnaphthalene	8.987	142	531622	38.314	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	261919	38.653	ng	99
41) Hexachlorocyclopentadiene	9.034	237	89419	41.062	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	178471	40.255	ng	99

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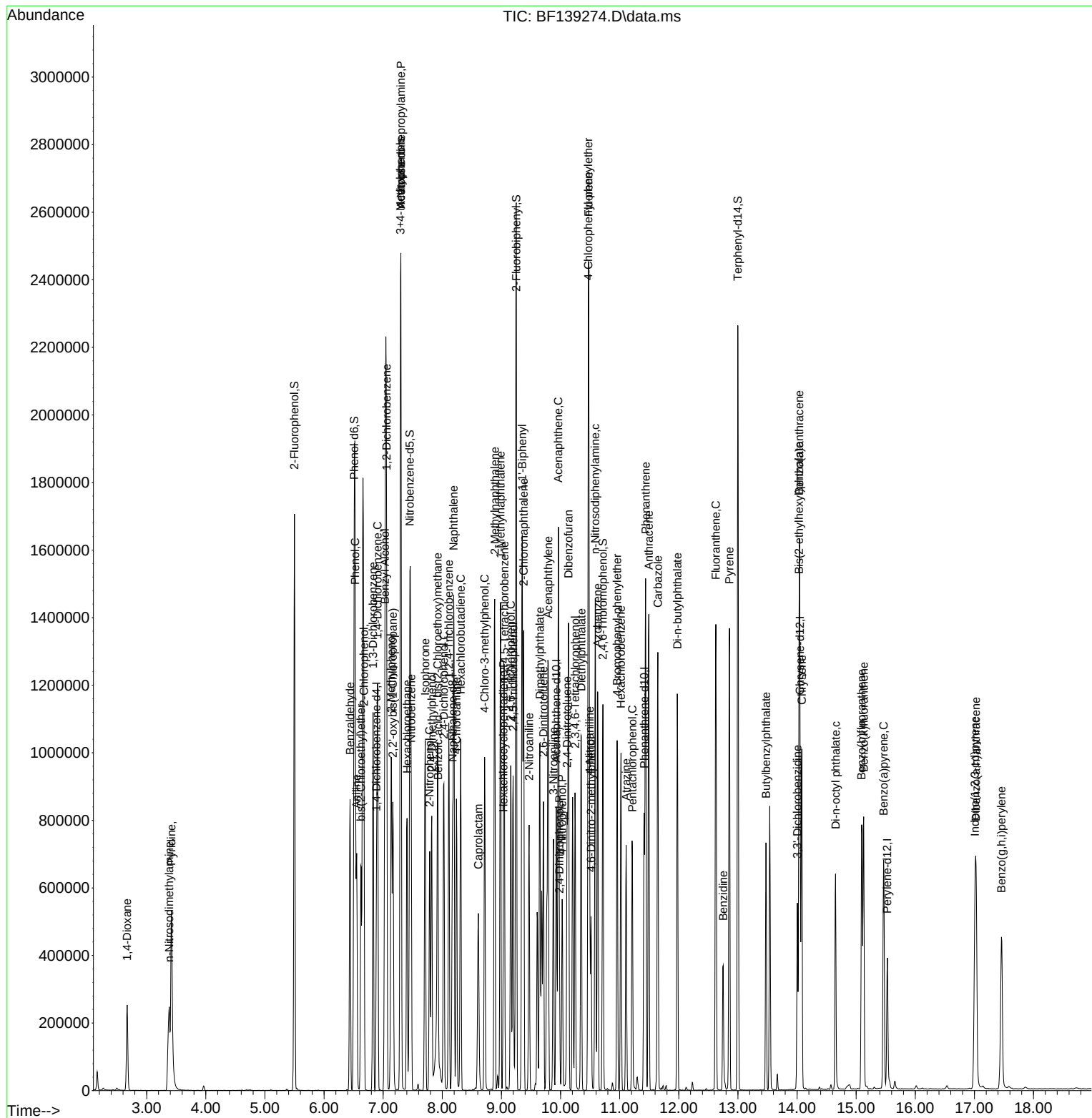
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	178277	38.372	ng	99
46) 1,1'-Biphenyl	9.351	154	682147	38.442	ng	100
47) 2-Chloronaphthalene	9.375	162	515636	38.484	ng	99
48) 2-Nitroaniline	9.469	65	188857	40.922	ng	99
49) Acenaphthylene	9.792	152	779618	38.632	ng	99
50) Dimethylphthalate	9.651	163	568267	39.147	ng	99
51) 2,6-Dinitrotoluene	9.710	165	134428	40.820	ng	98
52) Acenaphthene	9.963	154	522826	39.061	ng	100
53) 3-Nitroaniline	9.881	138	140012	39.905	ng	100
54) 2,4-Dinitrophenol	9.981	184	55736	36.790	ng	95
55) Dibenzofuran	10.134	168	740618	38.594	ng	100
56) 4-Nitrophenol	10.028	139	103448	39.946	ng	99
57) 2,4-Dinitrotoluene	10.110	165	174214	41.563	ng	99
58) Fluorene	10.475	166	570832	38.366	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	145390	39.755	ng	98
60) Diethylphthalate	10.351	149	564964	39.548	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	275055	38.334	ng	99
62) 4-Nitroaniline	10.492	138	136676	40.922	ng	97
63) Azobenzene	10.628	77	579644	38.498	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	80393	40.113	ng	98
66) n-Nitrosodiphenylamine	10.586	169	486725	38.550	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	164893	39.182	ng	99
68) Hexachlorobenzene	11.022	284	184926	38.385	ng	100
69) Atrazine	11.110	200	108443	37.229	ng	99
70) Pentachlorophenol	11.216	266	114216	41.042	ng	99
71) Phenanthrene	11.439	178	778490	38.420	ng	100
72) Anthracene	11.492	178	768973	38.849	ng	100
73) Carbazole	11.645	167	723406	39.103	ng	100
74) Di-n-butylphthalate	11.975	149	788304	41.616	ng	100
75) Fluoranthene	12.628	202	803376	39.548	ng	100
77) Benzidine	12.751	184	207157	47.396	ng	99
78) Pyrene	12.857	202	808274	38.546	ng	100
80) Butylbenzylphthalate	13.475	149	216622	43.884	ng	99
81) Benzo(a)anthracene	14.039	228	547104	39.471	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	157147	42.691	ng	100
83) Chrysene	14.080	228	480113	37.113	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	242109	41.787	ng	100
85) Di-n-octyl phthalate	14.651	149	399885	36.049	ng	99
87) Indeno(1,2,3-cd)pyrene	17.010	276	501385	35.694	ng	99
88) Benzo(b)fluoranthene	15.092	252	503035	38.847	ng	100
89) Benzo(k)fluoranthene	15.127	252	463387	39.911	ng	99
90) Benzo(a)pyrene	15.463	252	434068	39.477	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	410724	35.481	ng	99
92) Benzo(g,h,i)perylene	17.457	276	416197	34.832	ng	99

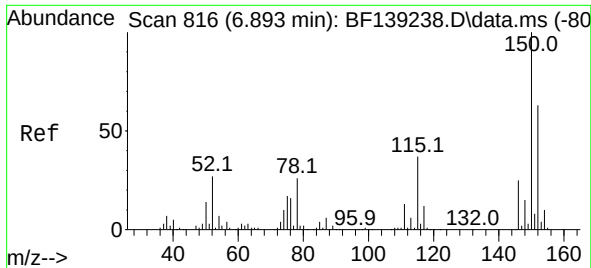
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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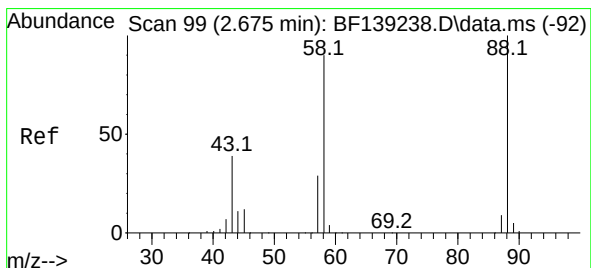
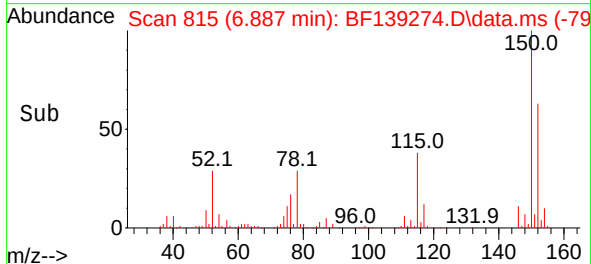
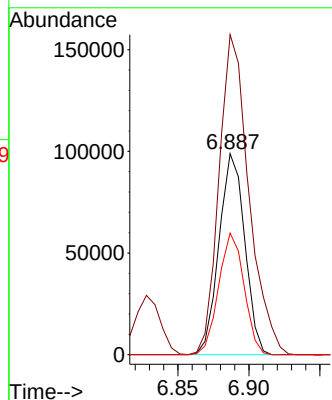
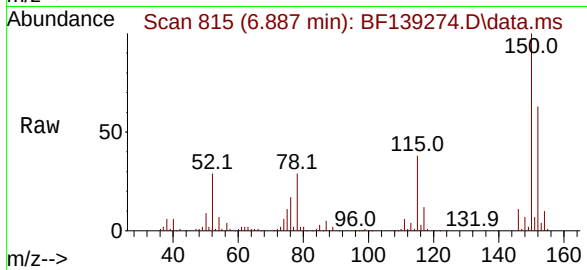




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139274.D
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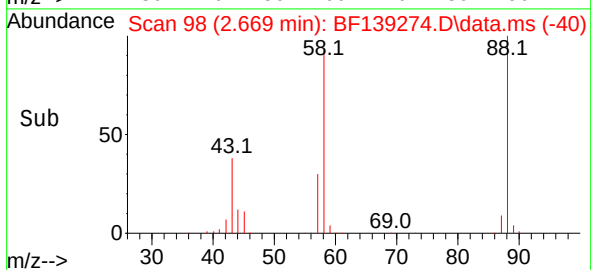
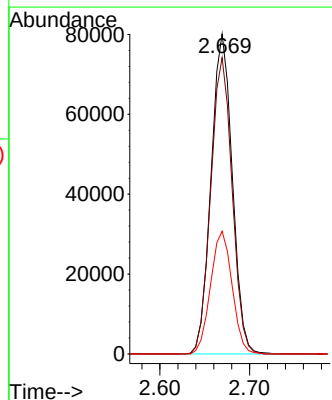
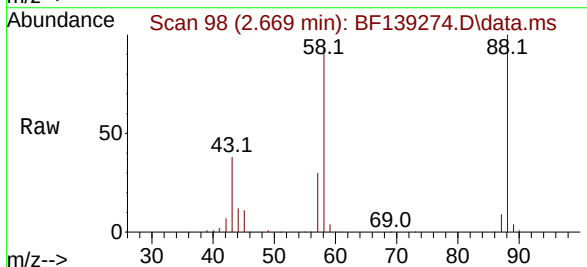
Instrument :
BNA_F
ClientSampleId :
VNJ223

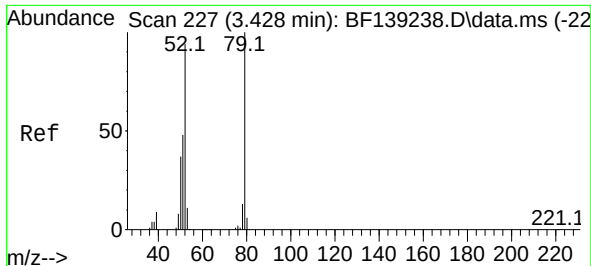
Tgt Ion:152 Resp: 124522
Ion Ratio Lower Upper
152 100
150 159.3 127.0 190.4
115 60.6 46.9 70.3



#2
1,4-Dioxane
Concen: 37.965 ng
RT: 2.669 min Scan# 98
Delta R.T. -0.006 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

Tgt Ion: 88 Resp: 131602
Ion Ratio Lower Upper
88 100
58 93.0 72.5 108.7
43 38.9 31.4 47.2





#3

Pyridine

Concen: 38.855 ng

RT: 3.416 min Scan# 219

Delta R.T. -0.012 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

VNJ223

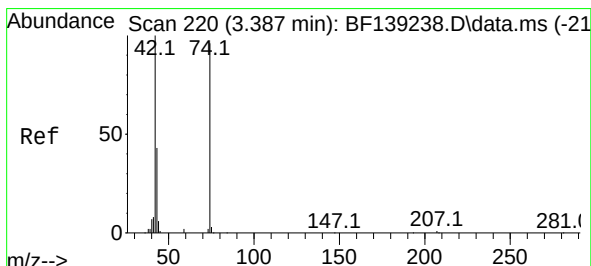
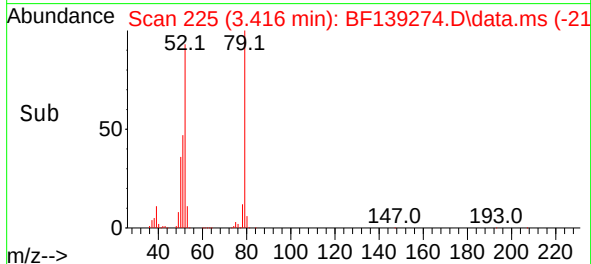
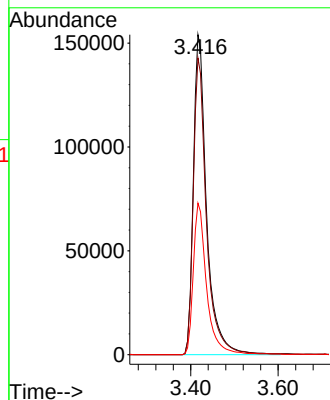
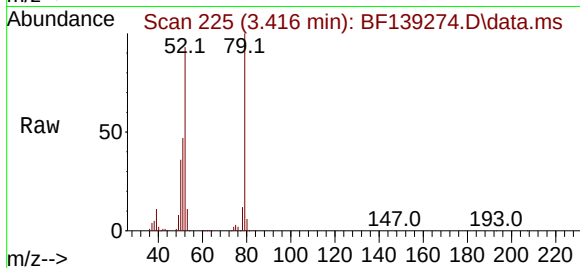
Tgt Ion: 79 Resp: 325116

Ion Ratio Lower Upper

79 100

52 92.7 75.3 112.9

51 47.3 38.2 57.2



#4

n-Nitrosodimethylamine

Concen: 38.070 ng

RT: 3.381 min Scan# 219

Delta R.T. -0.006 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

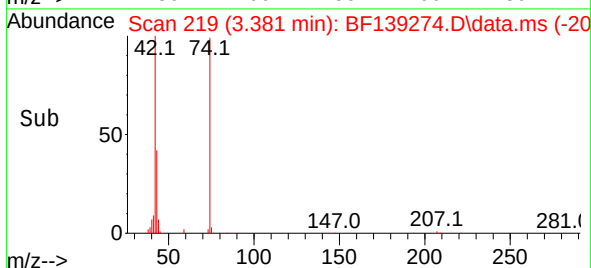
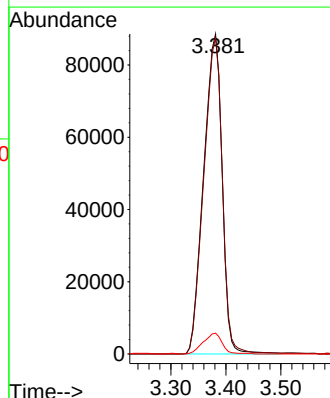
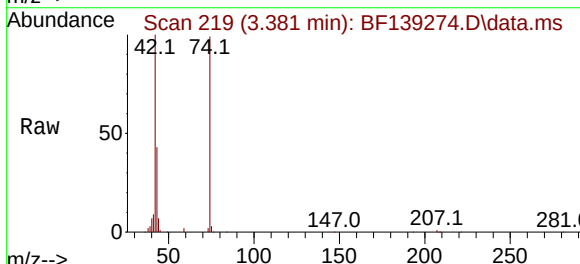
Tgt Ion: 42 Resp: 206860

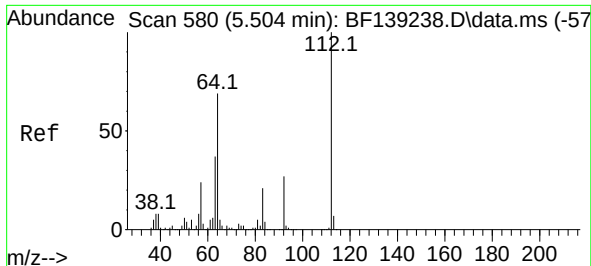
Ion Ratio Lower Upper

42 100

74 98.9 77.2 115.8

44 6.5 5.1 7.7

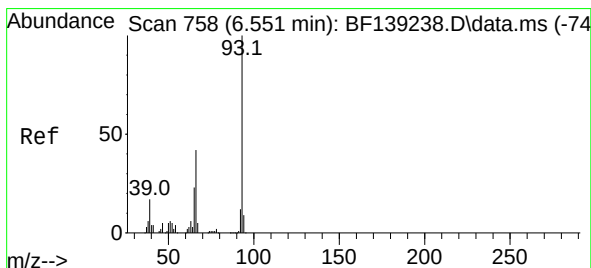
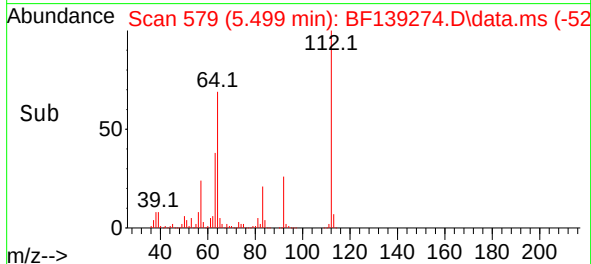
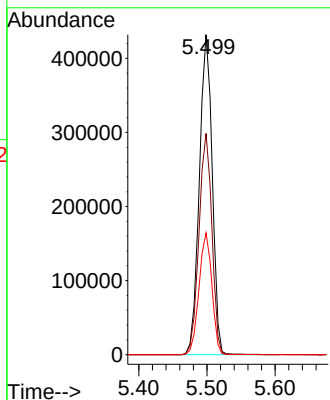
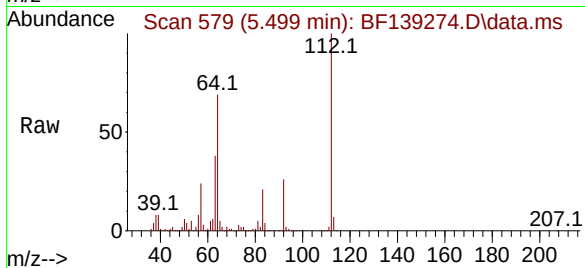




#5
2-Fluorophenol
Concen: 76.413 ng
RT: 5.499 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

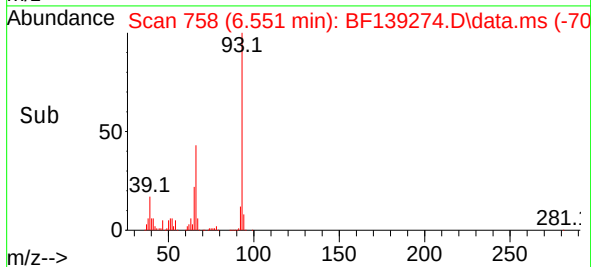
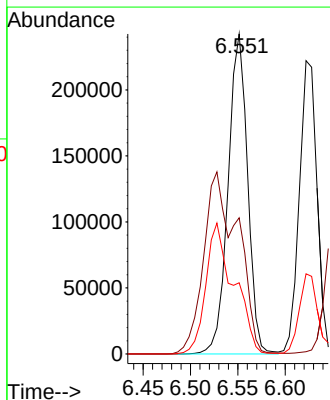
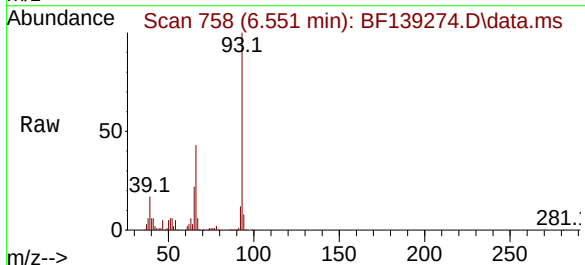
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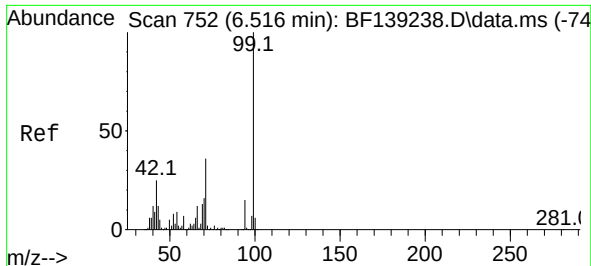
Tgt Ion:112 Resp: 568792
Ion Ratio Lower Upper
112 100
64 69.2 55.0 82.4
63 38.1 29.9 44.9



#6
Aniline
Concen: 38.026 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

Tgt Ion: 93 Resp: 347479
Ion Ratio Lower Upper
93 100
66 42.6 34.4 51.6
65 22.3 18.2 27.4

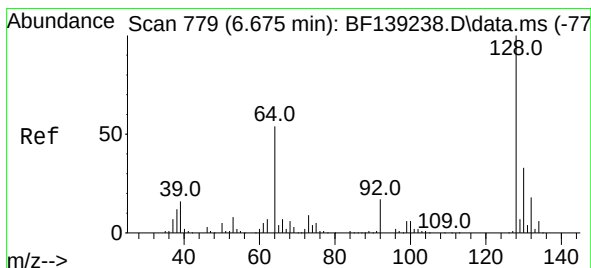
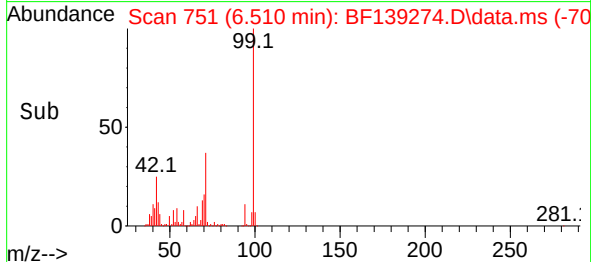
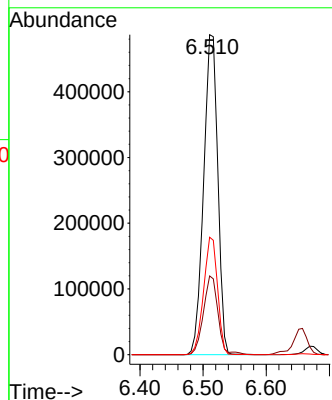
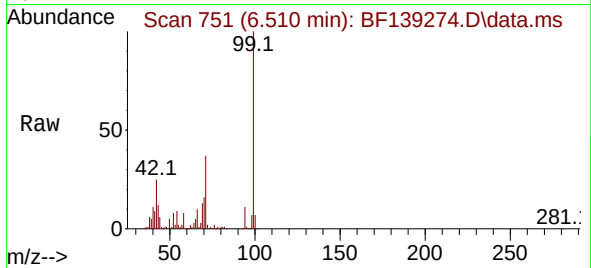




#7
Phenol-d6
Concen: 76.178 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

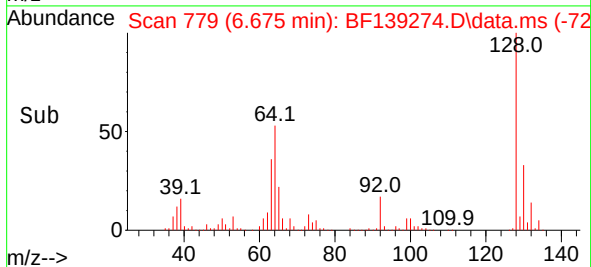
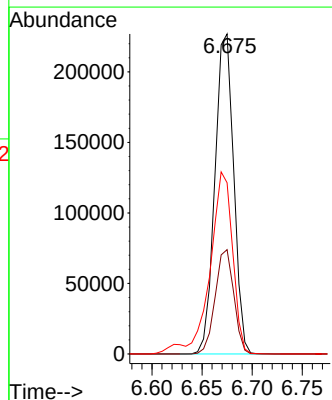
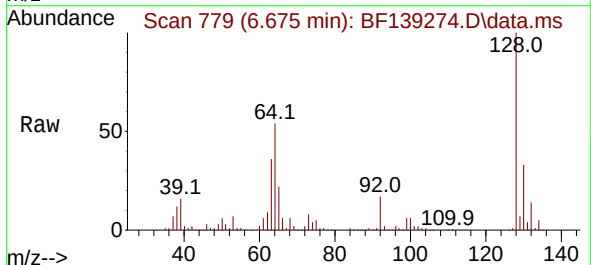
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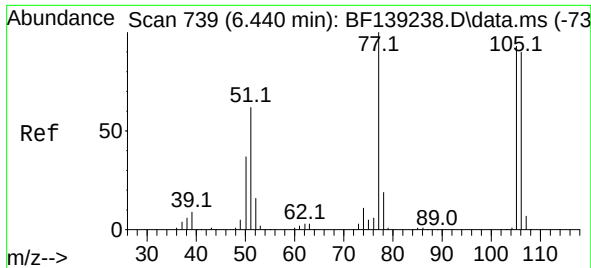
Tgt Ion: 99 Resp: 756991
Ion Ratio Lower Upper
99 100
42 24.6 19.8 29.6
71 36.7 28.8 43.2



#8
2-Chlorophenol
Concen: 38.328 ng
RT: 6.675 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

Tgt Ion: 128 Resp: 295674
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 53.5 36.6 76.6





#9

Benzaldehyde

Concen: 38.653 ng

RT: 6.440 min Scan# 739

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

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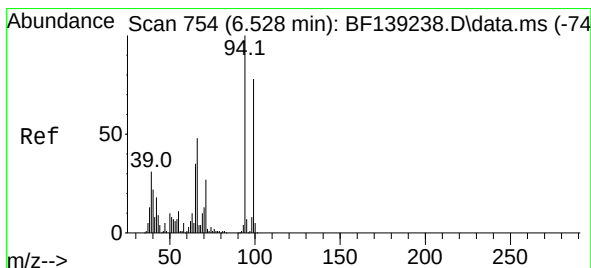
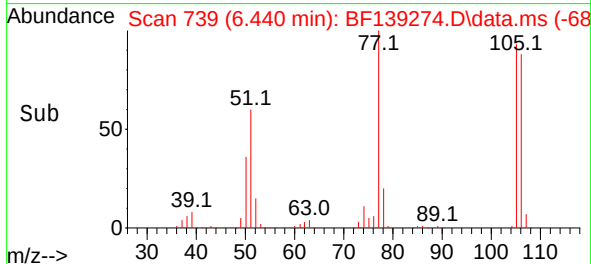
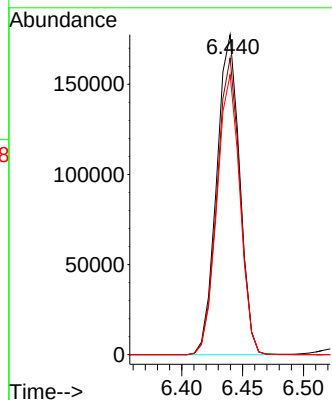
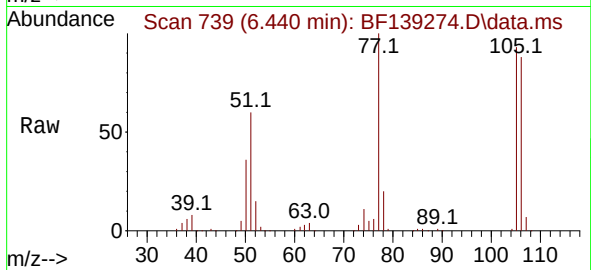
Tgt Ion: 77 Resp: 232505

Ion Ratio Lower Upper

77 100

105 92.7 72.9 112.9

106 87.6 69.6 109.6



#10

Phenol

Concen: 38.739 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.000 min

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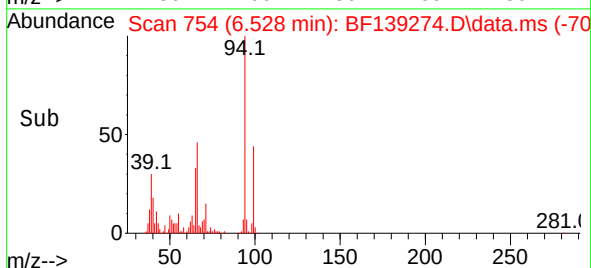
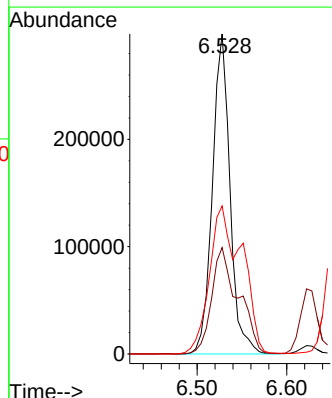
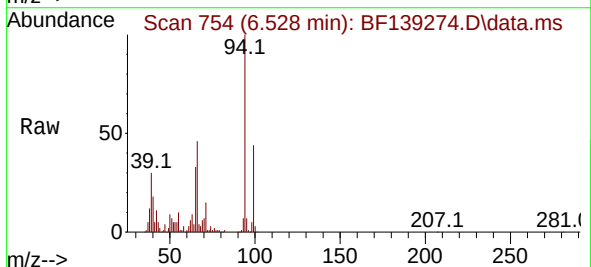
Tgt Ion: 94 Resp: 406042

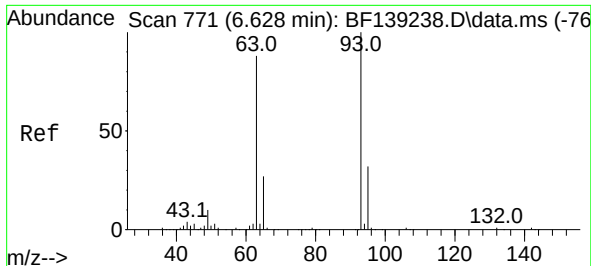
Ion Ratio Lower Upper

94 100

65 33.2 14.7 54.7

66 46.2 28.5 68.5





#11

bis(2-Chloroethyl)ether

Concen: 38.488 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

VNJ223

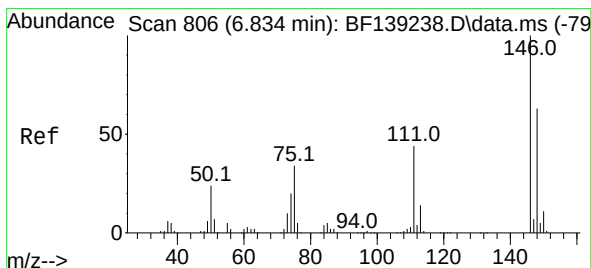
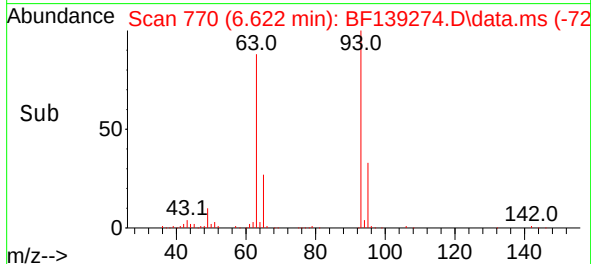
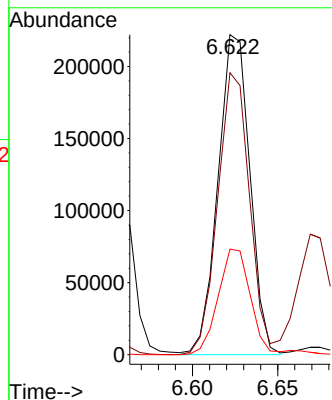
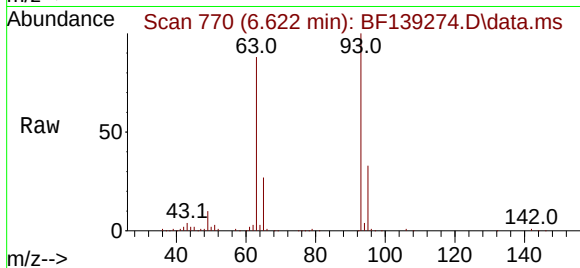
Tgt Ion: 93 Resp: 289012

Ion Ratio Lower Upper

93 100

63 88.1 67.1 107.1

95 33.0 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 38.069 ng

RT: 6.828 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

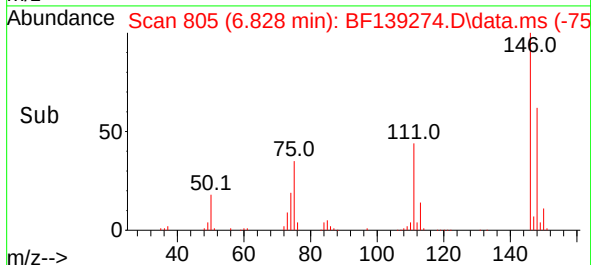
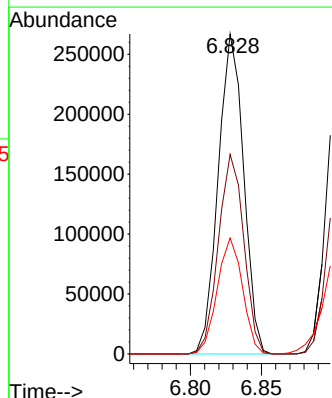
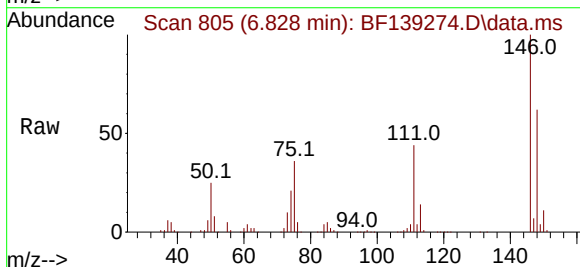
Tgt Ion: 146 Resp: 332412

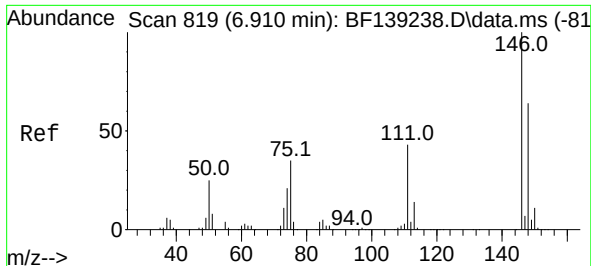
Ion Ratio Lower Upper

146 100

148 62.4 50.8 76.2

75 36.3 27.3 40.9





#13

1,4-Dichlorobenzene

Concen: 38.198 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

VNJ223

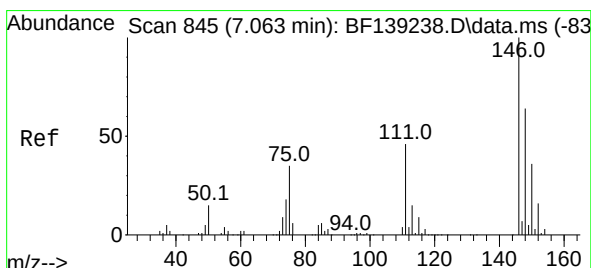
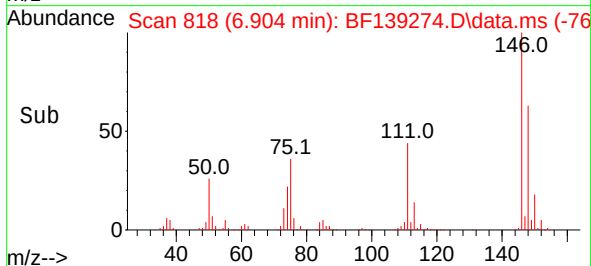
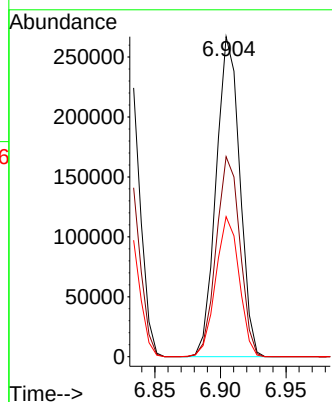
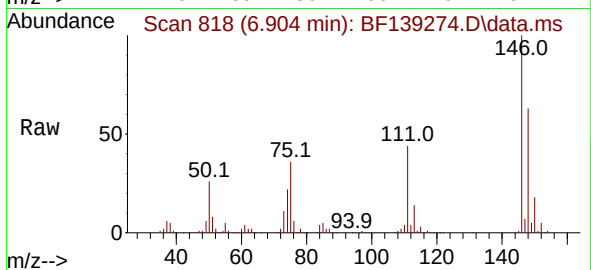
Tgt Ion:146 Resp: 333842

Ion Ratio Lower Upper

146 100

148 62.5 51.2 76.8

111 43.8 34.6 51.8



#14

1,2-Dichlorobenzene

Concen: 37.625 ng

RT: 7.057 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

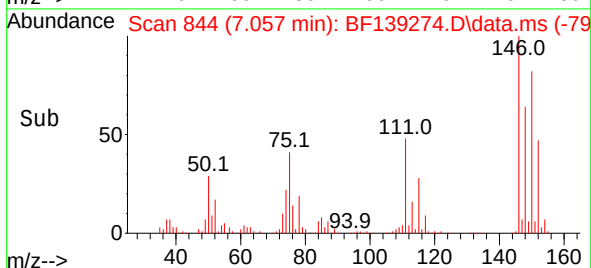
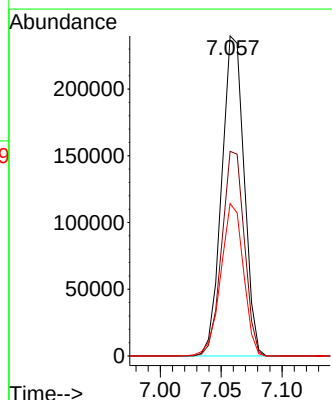
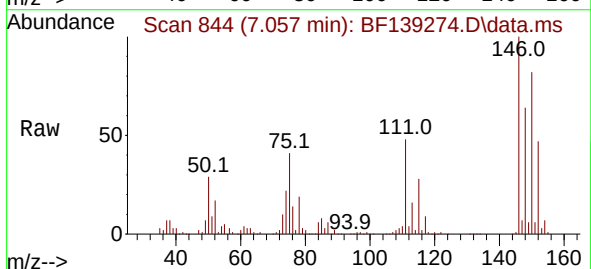
Tgt Ion:146 Resp: 306687

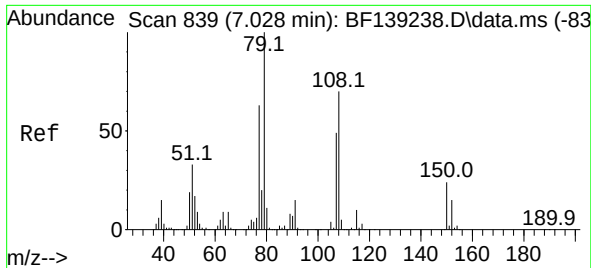
Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

111 47.6 36.6 55.0

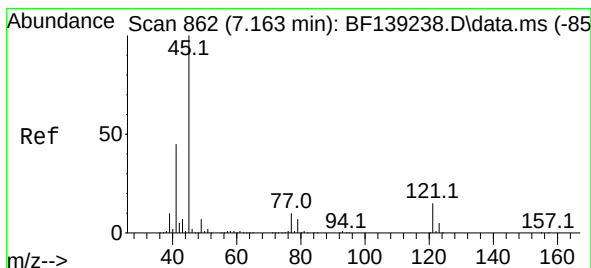
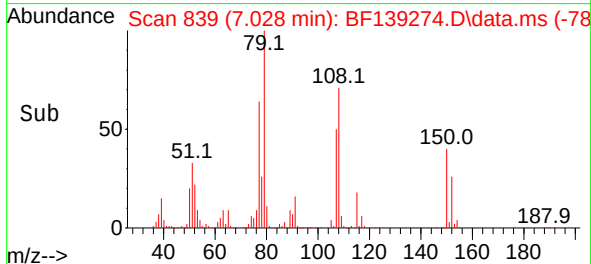
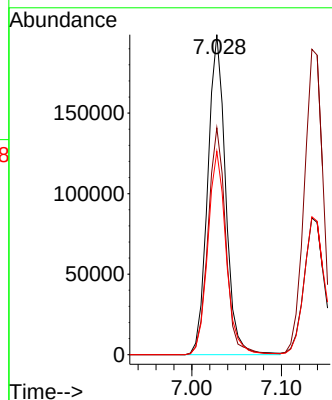
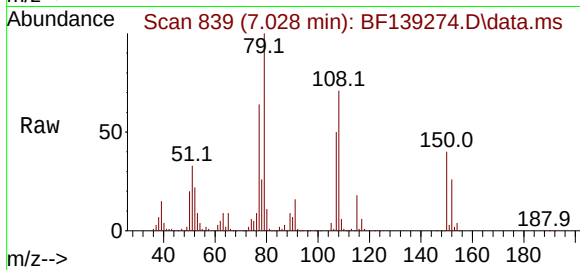




#15
Benzyl Alcohol
Concen: 37.896 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

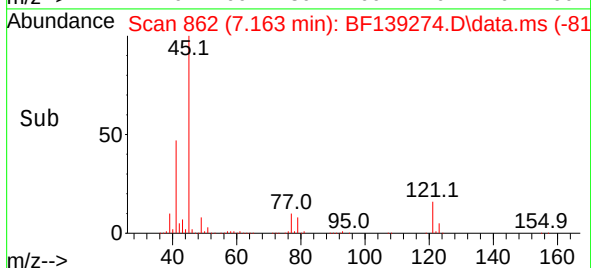
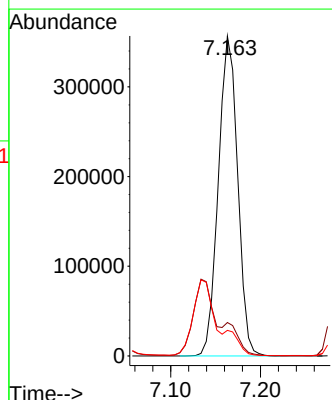
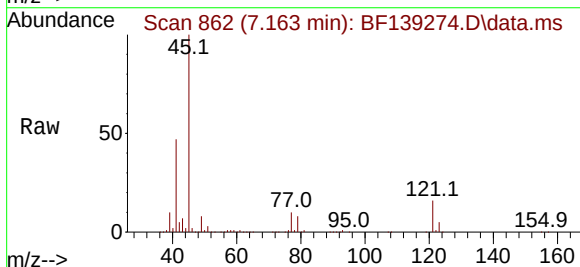
Instrument :
BNA_F
ClientSampleId :
VNJ223

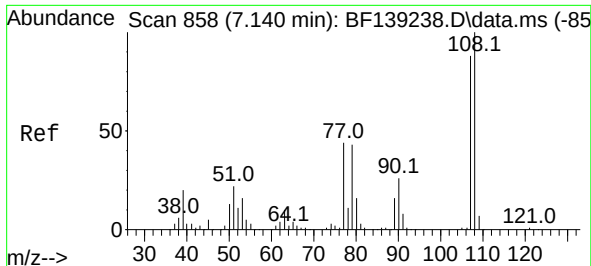
Tgt Ion: 79 Resp: 274626
Ion Ratio Lower Upper
79 100
108 70.9 56.1 84.1
77 63.5 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.266 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

Tgt Ion: 45 Resp: 532714
Ion Ratio Lower Upper
45 100
77 10.4 0.0 30.0
79 8.0 0.0 27.6

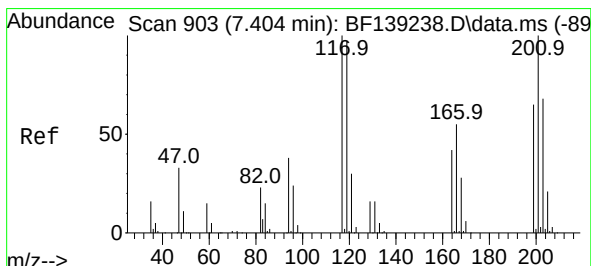
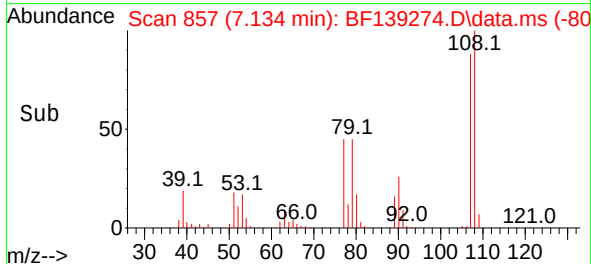
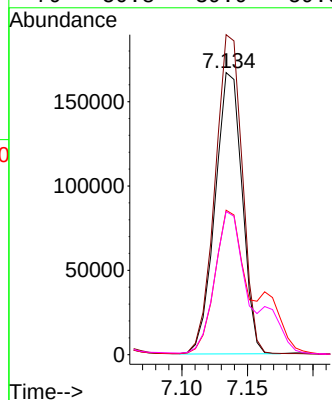
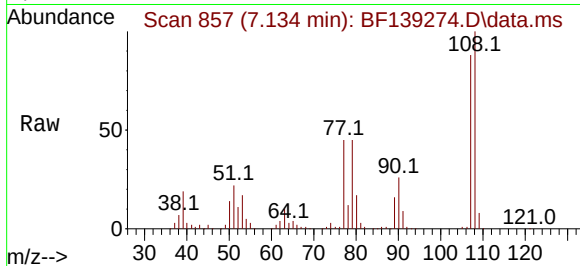




#17
2-Methylphenol
Concen: 37.965 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

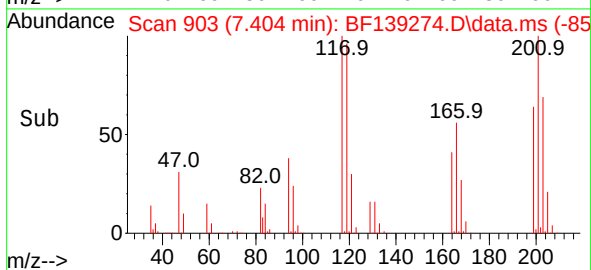
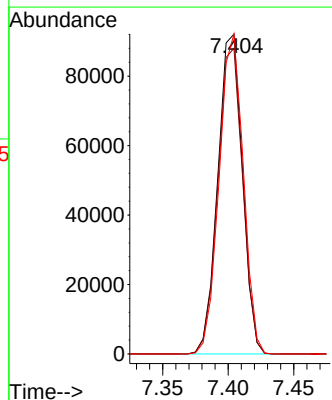
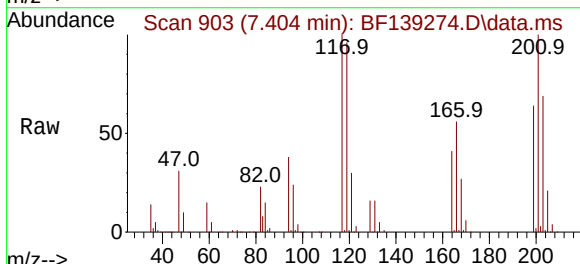
Instrument :
BNA_F
ClientSampleId :
VNJ223

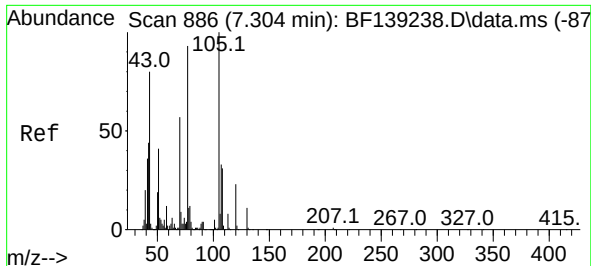
Tgt Ion:	107	Resp:	239238
Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.4	137.2
77	51.2	40.1	60.1
79	50.8	39.9	59.9



#18
Hexachloroethane
Concen: 38.592 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

Tgt Ion:	117	Resp:	120464
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.4	116.2
201	100.0	80.0	120.0





#19

n-Nitroso-di-n-propylamine

Concen: 38.298 ng

RT: 7.298 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

VNJ223

Tgt Ion: 70 Resp: 219184

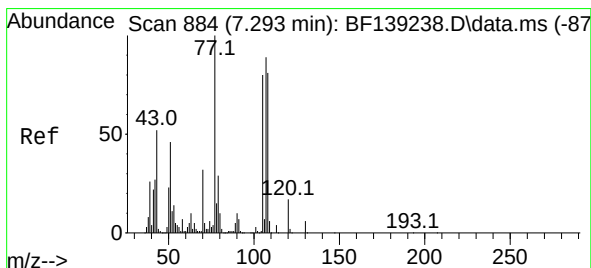
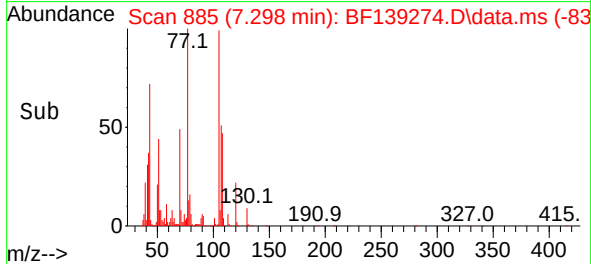
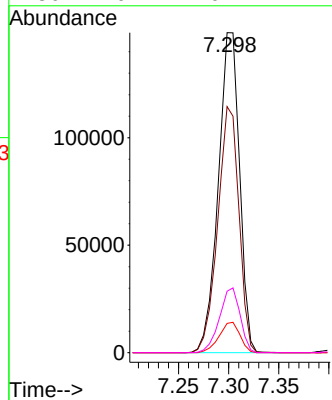
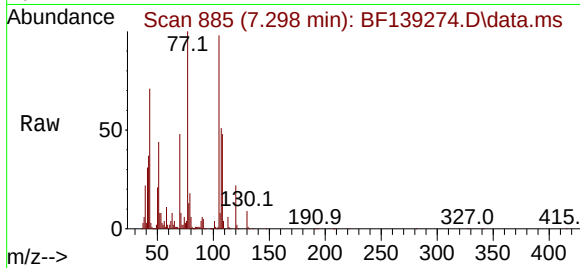
Ion Ratio Lower Upper

70 100

42 76.9 61.0 91.6

101 9.2 7.2 10.8

130 19.2 16.1 24.1



#20

3+4-Methylphenols

Concen: 38.013 ng

RT: 7.293 min Scan# 884

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Tgt Ion:107 Resp: 301892

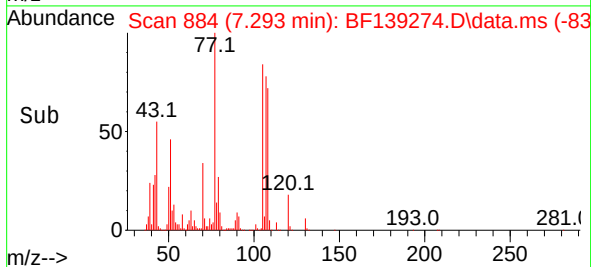
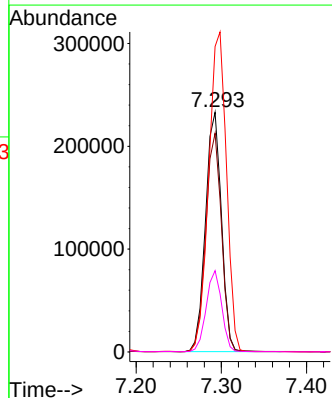
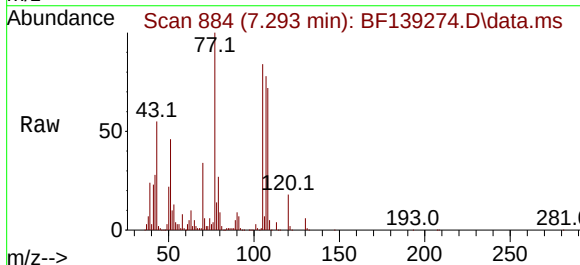
Ion Ratio Lower Upper

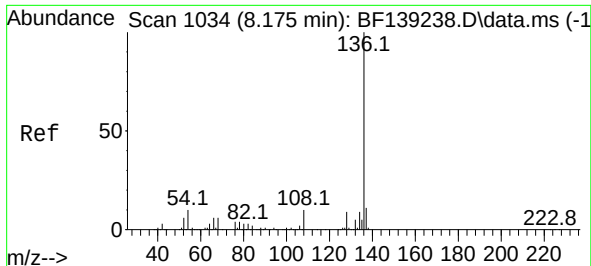
107 100

108 91.2 70.4 110.4

77 127.5 92.2 132.2

79 33.9 12.8 52.8

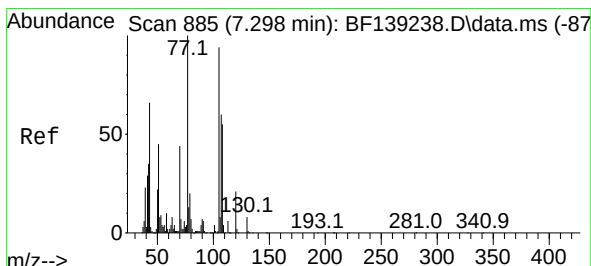
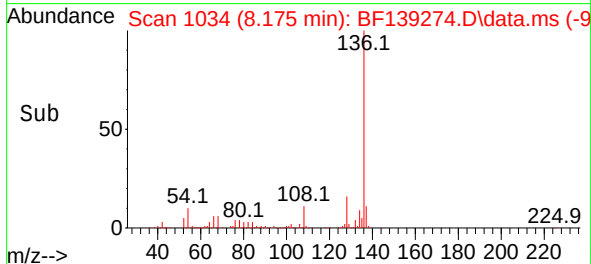
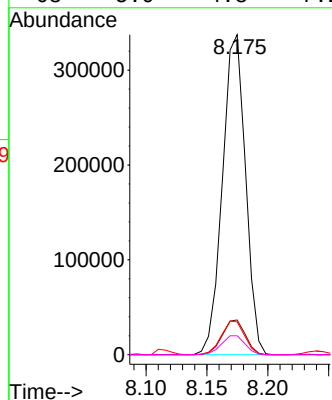
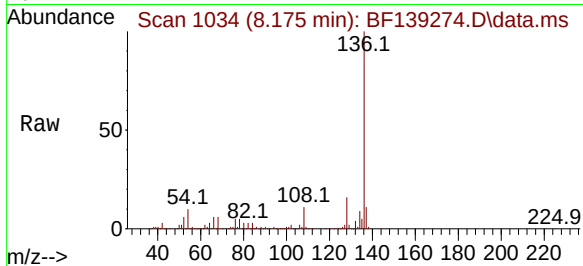




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

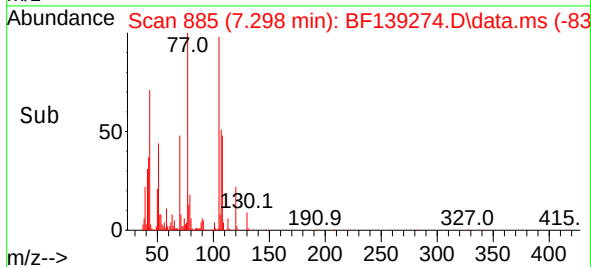
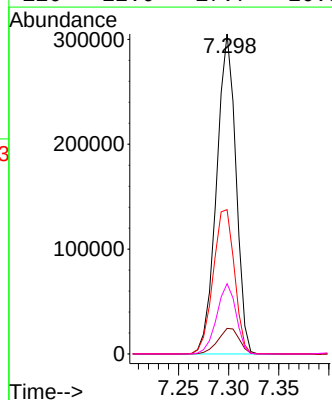
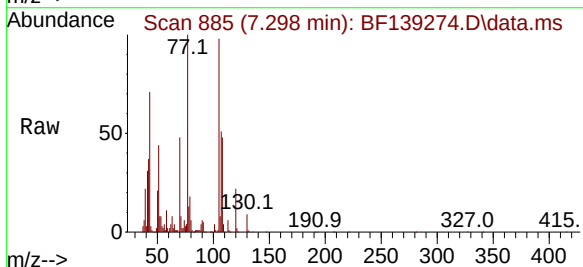
Instrument :
BNA_F
ClientSampleId :
VNJ223

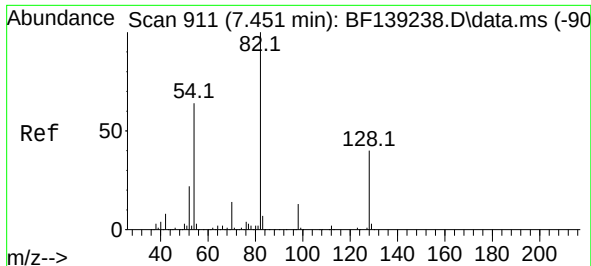
Tgt Ion:136 Resp: 445282
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.3 8.4 12.6
68 5.9 4.8 7.2



#22
Acetophenone
Concen: 38.571 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

Tgt Ion:105 Resp: 409170
Ion Ratio Lower Upper
105 100
71 8.0 6.2 9.2
51 45.1 38.2 57.2
120 22.0 17.7 26.5





#23

Nitrobenzene-d5

Concen: 79.329 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

VNJ223

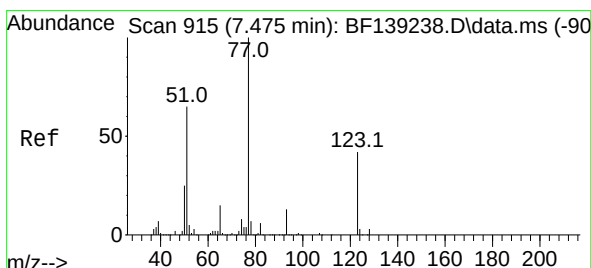
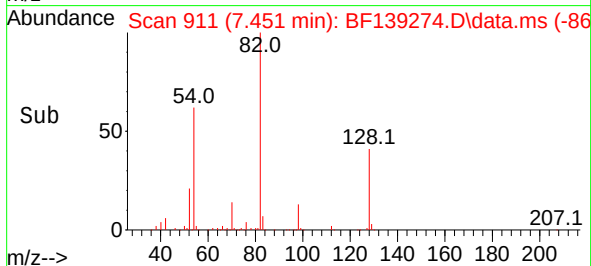
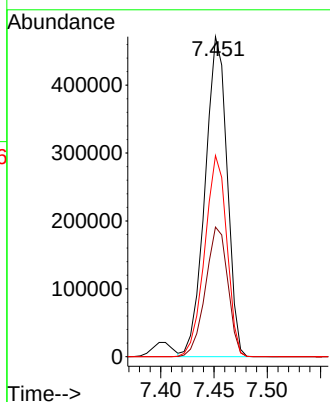
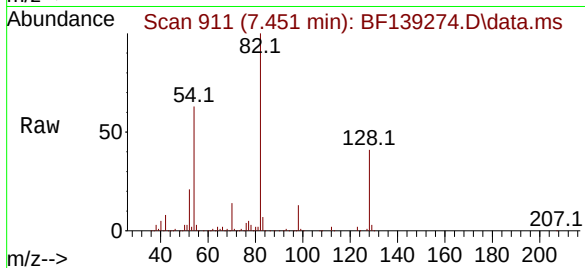
Tgt Ion: 82 Resp: 679003

Ion Ratio Lower Upper

82 100

128 40.5 32.3 48.5

54 62.8 51.2 76.8



#24

Nitrobenzene

Concen: 39.148 ng

RT: 7.475 min Scan# 915

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

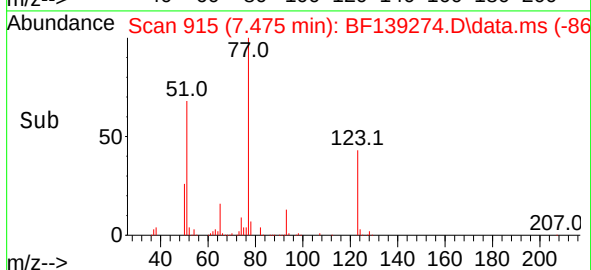
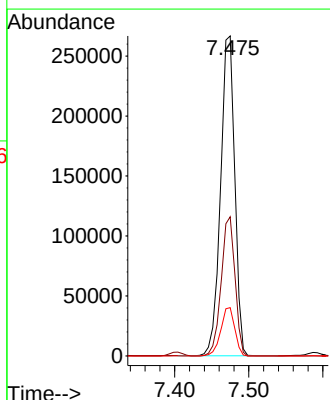
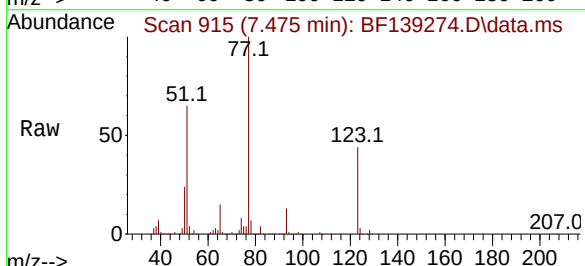
Tgt Ion: 77 Resp: 355648

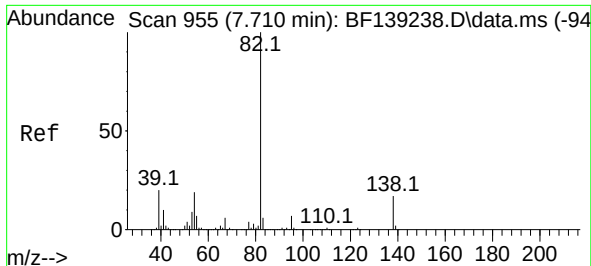
Ion Ratio Lower Upper

77 100

123 43.5 34.0 51.0

65 15.1 12.1 18.1

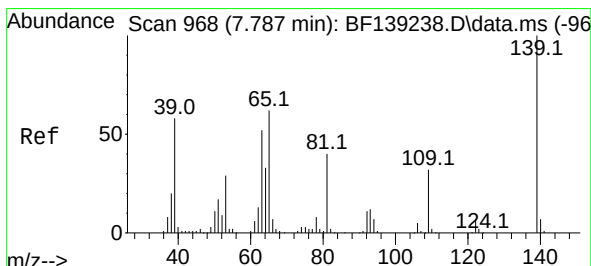
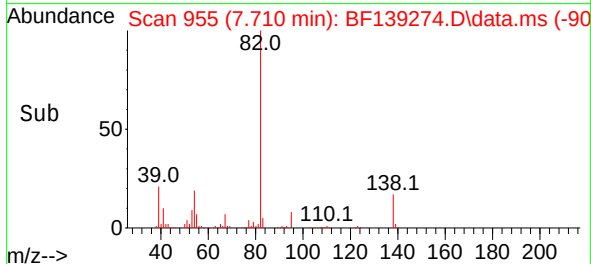
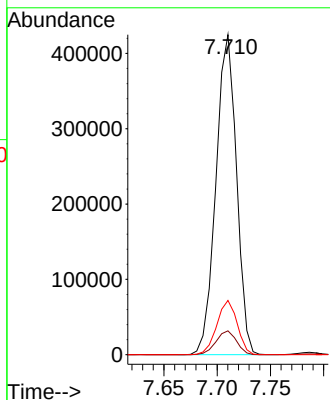
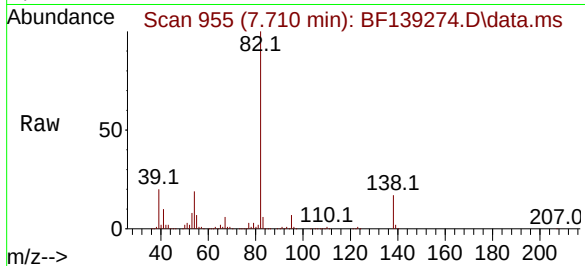




#25
Isophorone
Concen: 38.961 ng
RT: 7.710 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

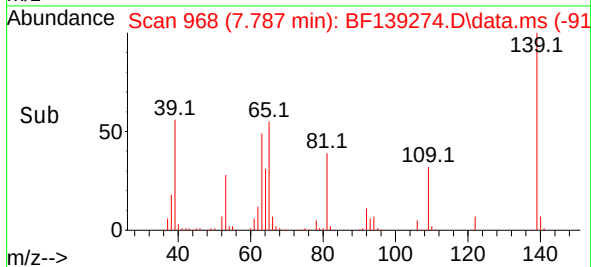
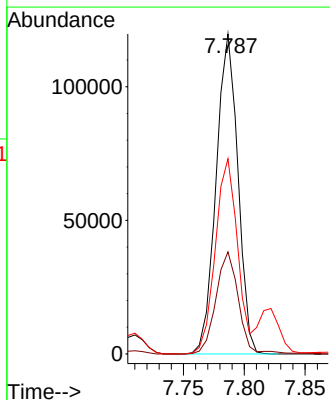
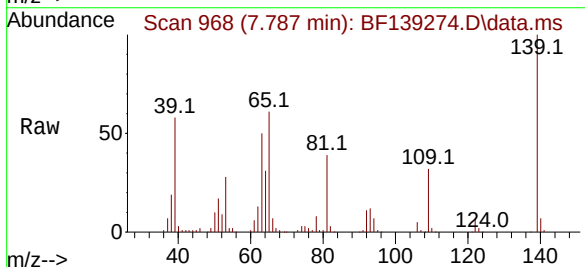
Instrument :
BNA_F
ClientSampleId :
VNJ223

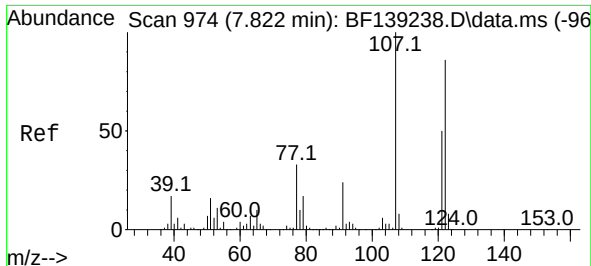
Tgt Ion: 82 Resp: 570144
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 16.9 13.4 20.0



#26
2-Nitrophenol
Concen: 41.746 ng
RT: 7.787 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

Tgt Ion:139 Resp: 148955
Ion Ratio Lower Upper
139 100
109 31.9 25.4 38.2
65 61.0 49.4 74.2

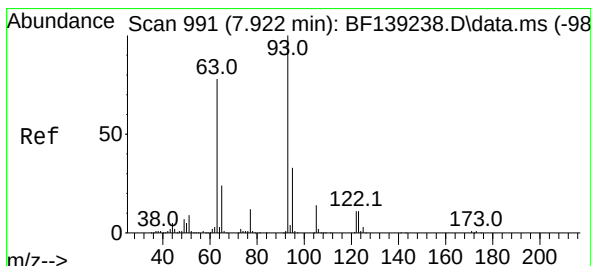
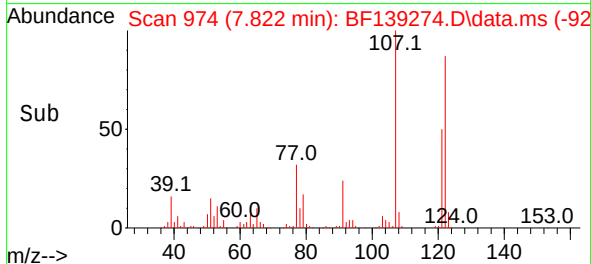
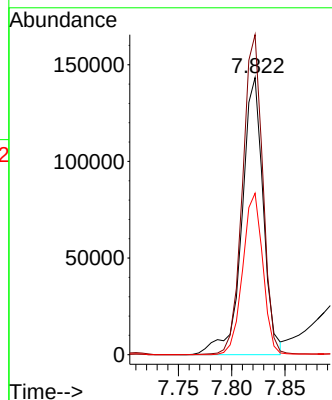
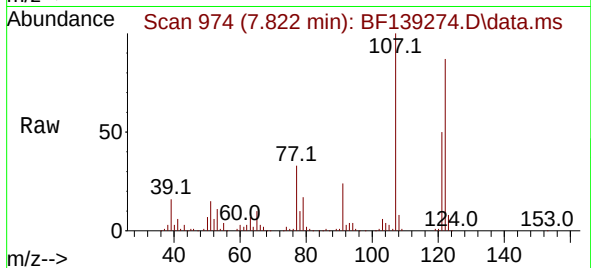




#27
2,4-Dimethylphenol
Concen: 39.331 ng
RT: 7.822 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

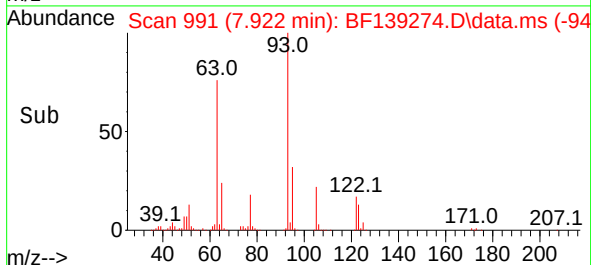
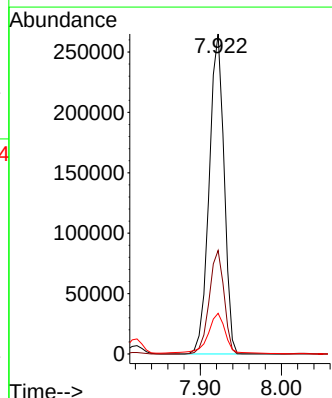
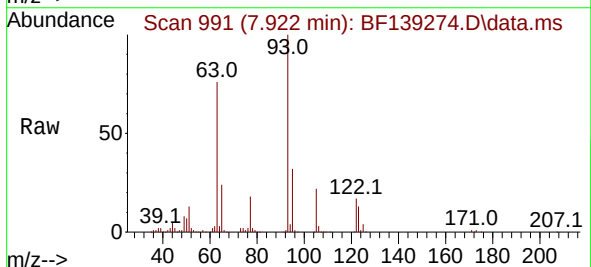
Instrument :
BNA_F
ClientSampleId :
VNJ223

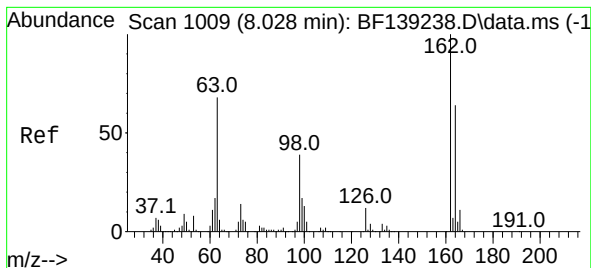
Tgt Ion:122 Resp: 200149
Ion Ratio Lower Upper
122 100
107 115.5 93.4 140.2
121 58.2 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 38.785 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

Tgt Ion: 93 Resp: 338148
Ion Ratio Lower Upper
93 100
95 32.3 26.6 40.0
123 12.7 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 39.467 ng

RT: 8.028 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

VNJ223

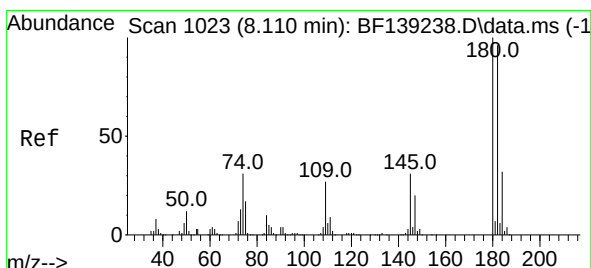
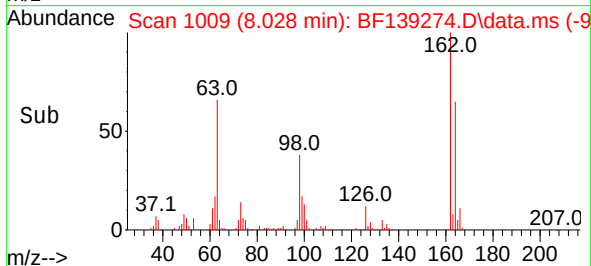
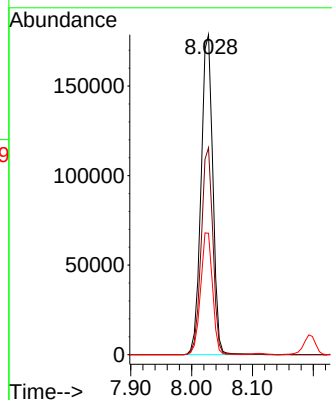
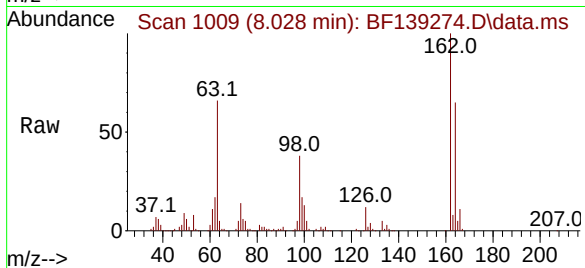
Tgt Ion:162 Resp: 240476

Ion Ratio Lower Upper

162 100

164 64.6 43.6 83.6

98 37.9 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 39.479 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

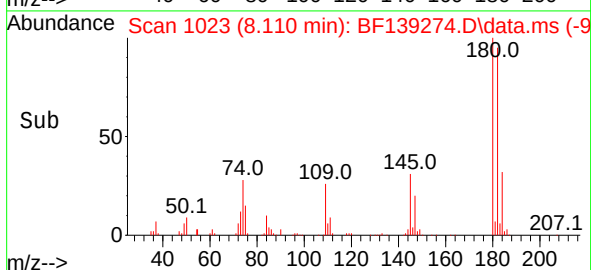
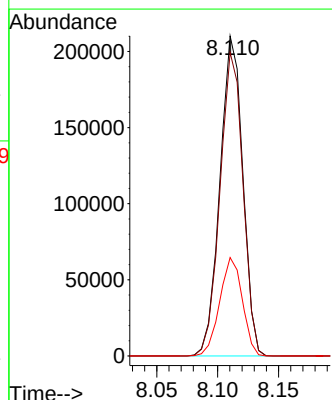
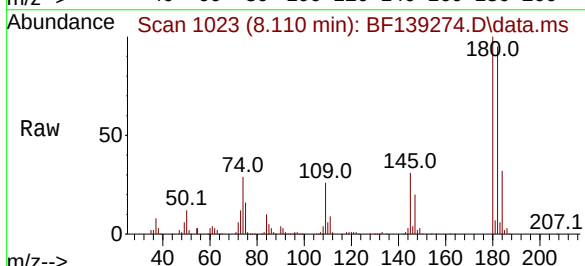
Tgt Ion:180 Resp: 274731

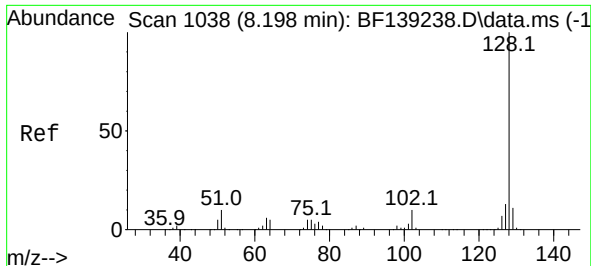
Ion Ratio Lower Upper

180 100

182 94.9 76.5 114.7

145 30.8 25.1 37.7

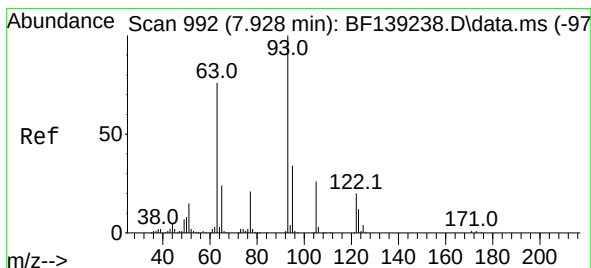
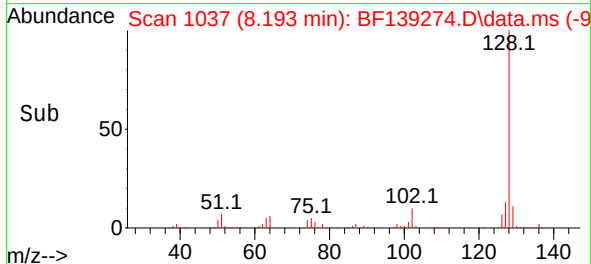
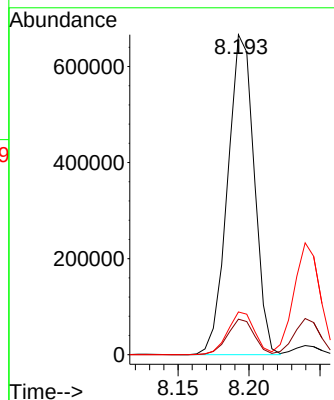
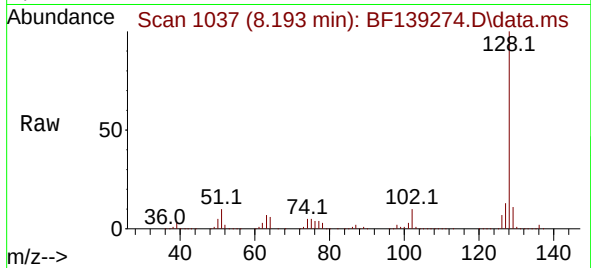




#31
Naphthalene
Concen: 38.507 ng
RT: 8.193 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

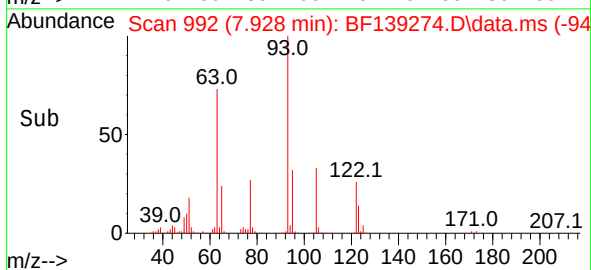
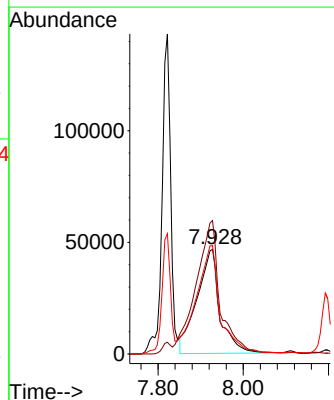
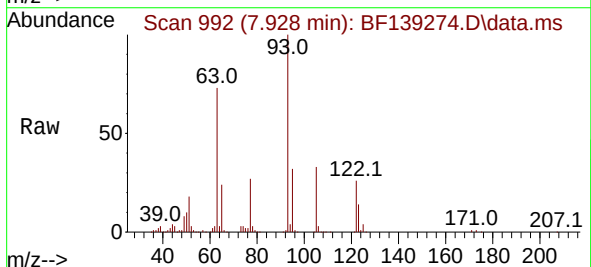
Instrument :
BNA_F
ClientSampleId :
VNJ223

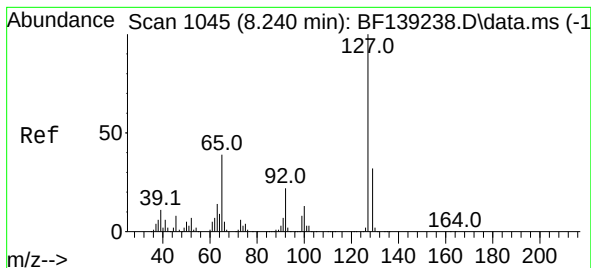
Tgt Ion:128 Resp: 868308
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 37.457 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

Tgt Ion:122 Resp: 173621
Ion Ratio Lower Upper
122 100
105 127.4 106.3 146.3
77 103.4 84.1 124.1





#33

4-Chloroaniline

Concen: 38.458 ng

RT: 8.240 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

VNJ223

Tgt Ion:127 Resp: 300273

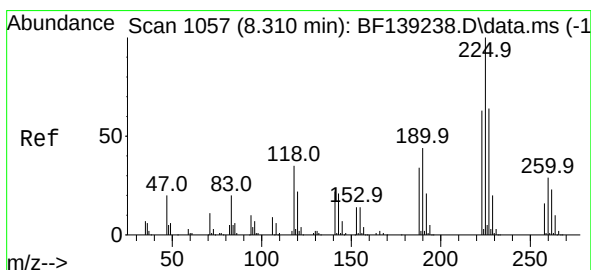
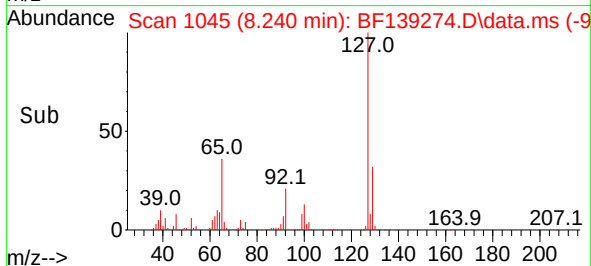
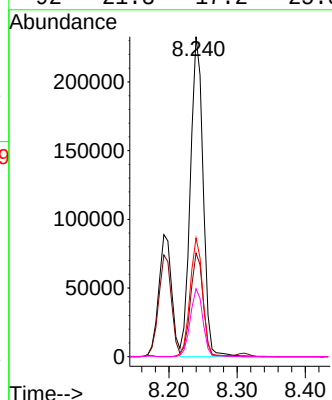
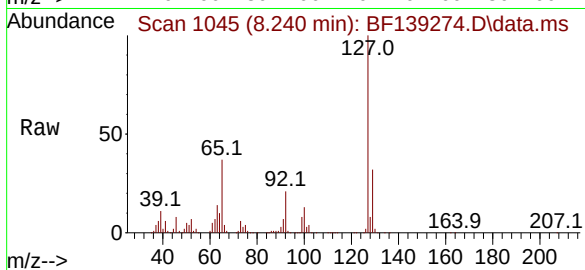
Ion Ratio Lower Upper

127 100

129 32.4 25.8 38.6

65 37.1 30.6 45.8

92 21.3 17.2 25.8



#34

Hexachlorobutadiene

Concen: 39.250 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

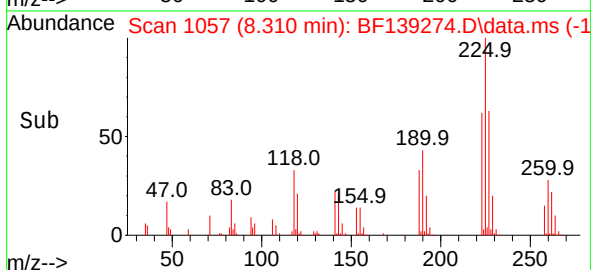
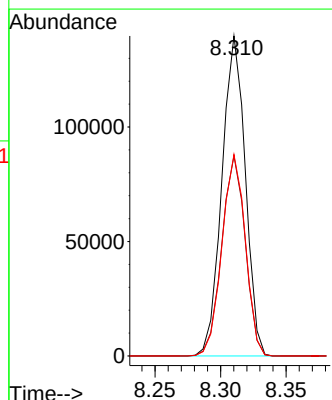
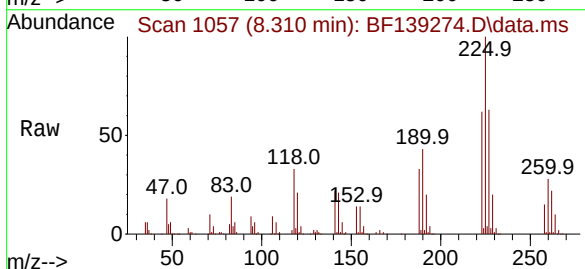
Tgt Ion:225 Resp: 173076

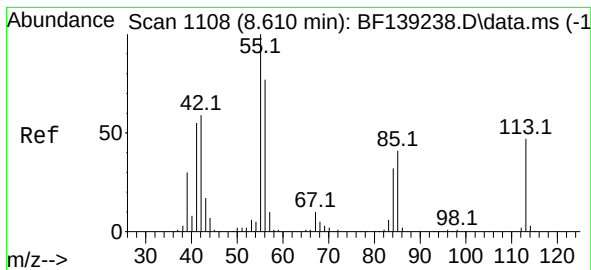
Ion Ratio Lower Upper

225 100

223 62.5 50.7 76.1

227 63.0 51.5 77.3





#35

Caprolactam

Concen: 40.329 ng

RT: 8.610 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

VNJ223

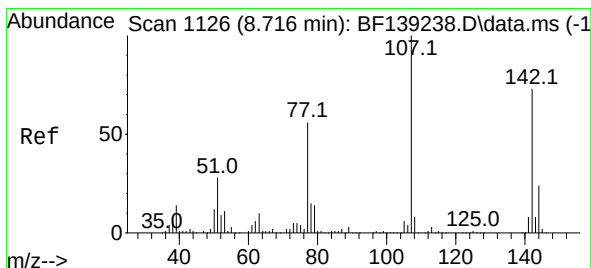
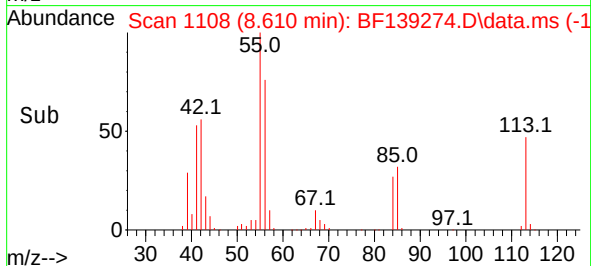
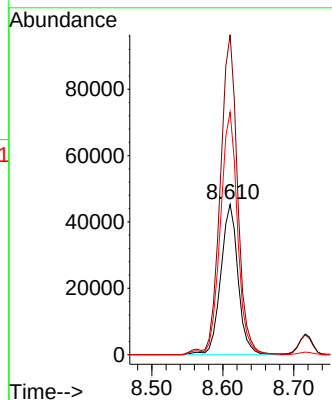
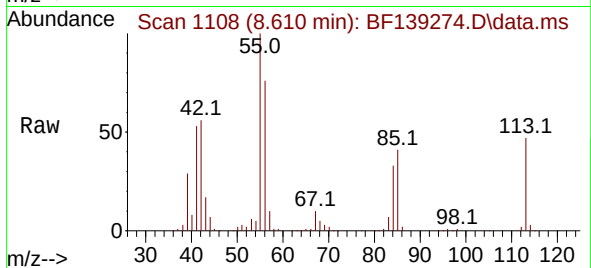
Tgt Ion:113 Resp: 76073

Ion Ratio Lower Upper

113 100

55 213.0 193.7 233.7

56 161.5 145.0 185.0



#36

4-Chloro-3-methylphenol

Concen: 39.422 ng

RT: 8.716 min Scan# 1126

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

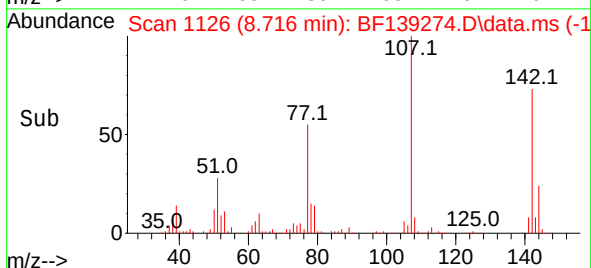
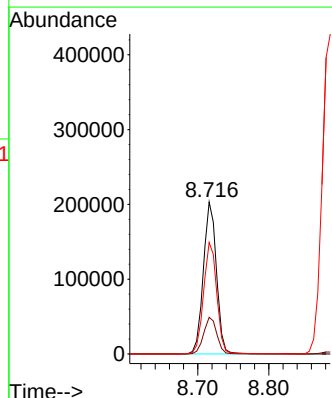
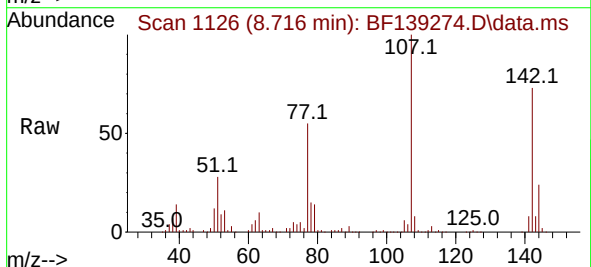
Tgt Ion:107 Resp: 261751

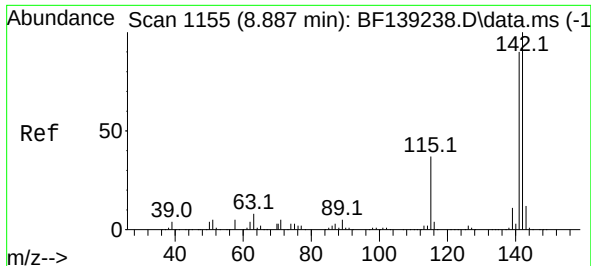
Ion Ratio Lower Upper

107 100

144 24.1 19.1 28.7

142 73.3 58.3 87.5





#37

2-Methylnaphthalene

Concen: 38.798 ng

RT: 8.887 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

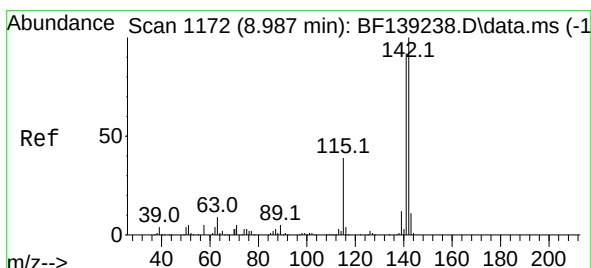
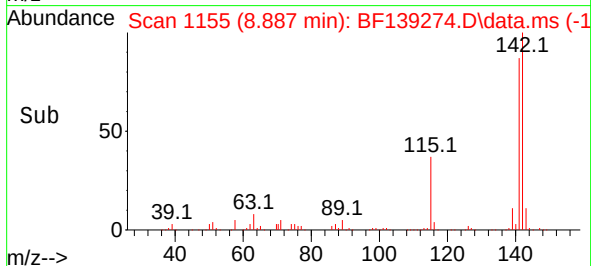
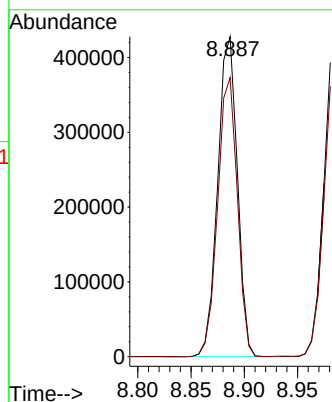
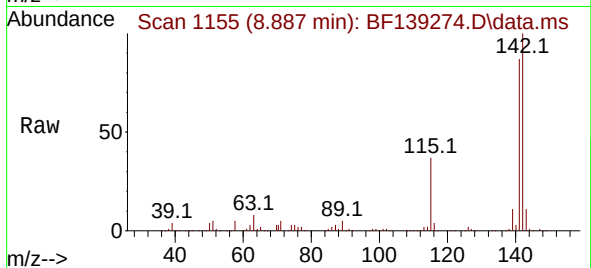
VNJ223

Tgt Ion:142 Resp: 547363

Ion Ratio Lower Upper

142 100

141 87.2 71.6 107.4



#38

1-Methylnaphthalene

Concen: 38.314 ng

RT: 8.987 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF139274.D

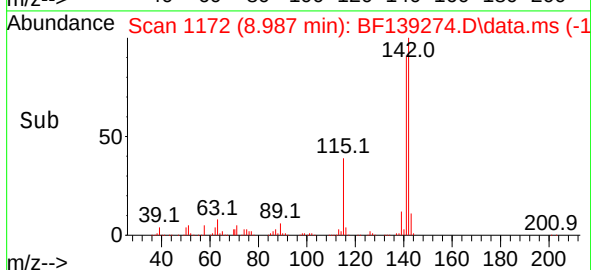
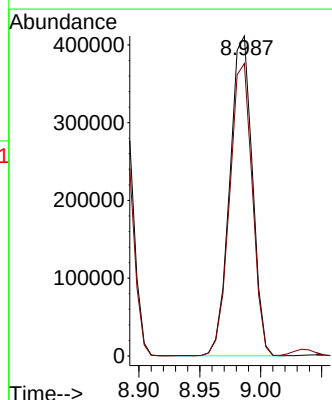
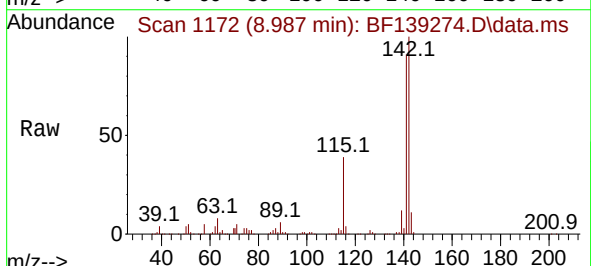
Acq: 06 Sep 2024 12:37

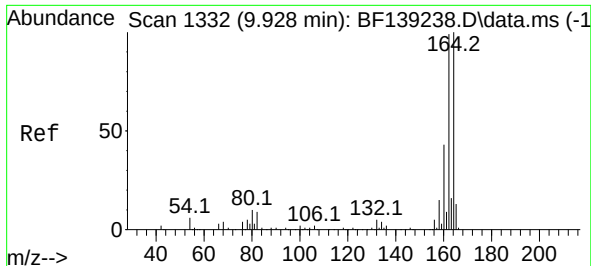
Tgt Ion:142 Resp: 531622

Ion Ratio Lower Upper

142 100

141 91.4 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1332

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

VNJ223

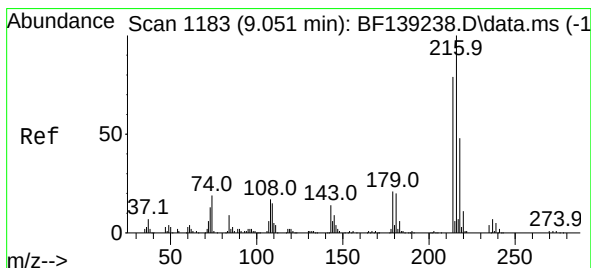
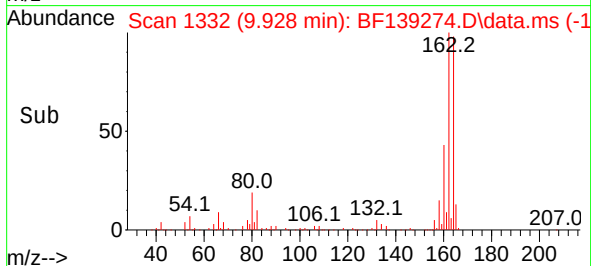
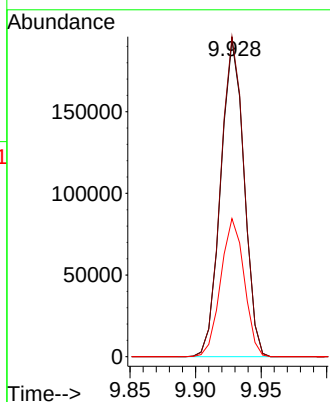
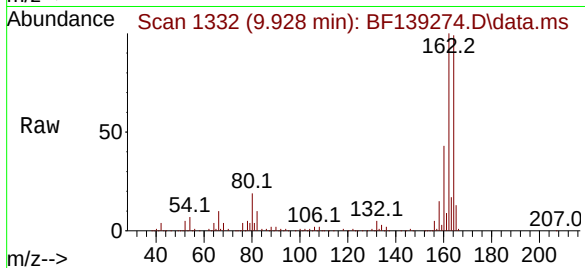
Tgt Ion:164 Resp: 239501

Ion Ratio Lower Upper

164 100

162 101.2 79.2 118.8

160 43.7 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.653 ng

RT: 9.051 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Tgt Ion:216 Resp: 261919

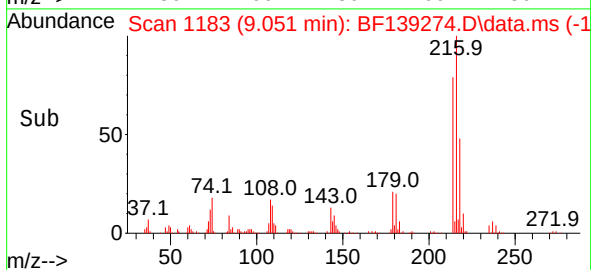
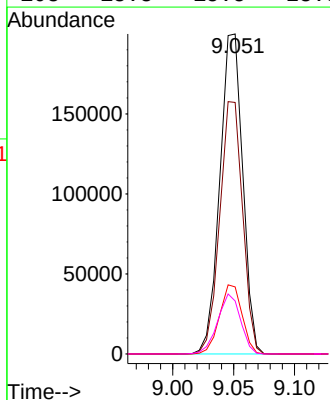
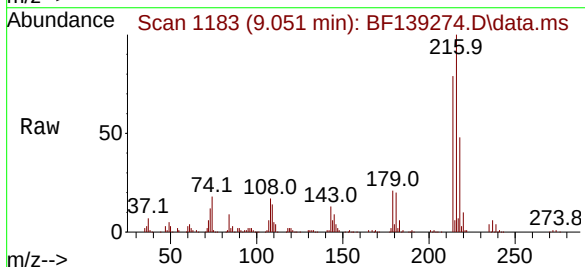
Ion Ratio Lower Upper

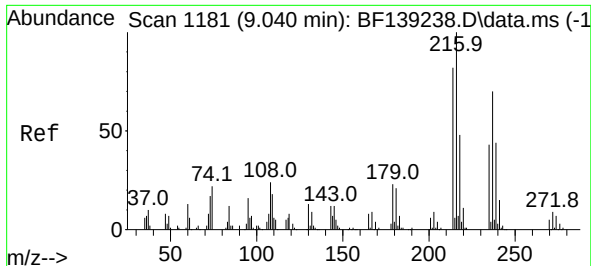
216 100

214 78.6 63.8 95.8

179 21.3 16.9 25.3

108 18.8 15.5 23.3

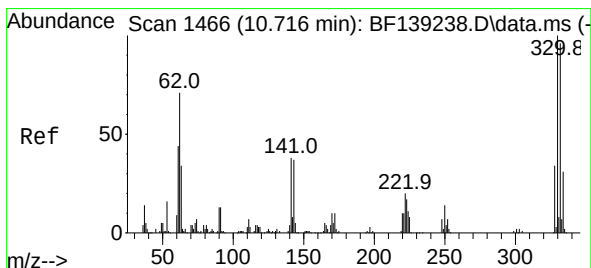
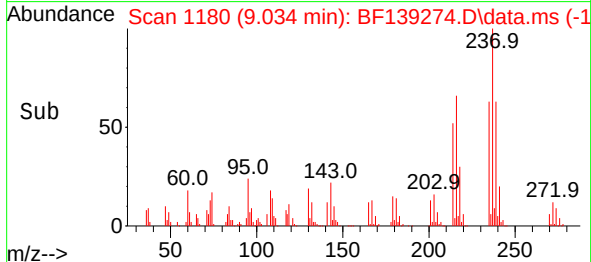
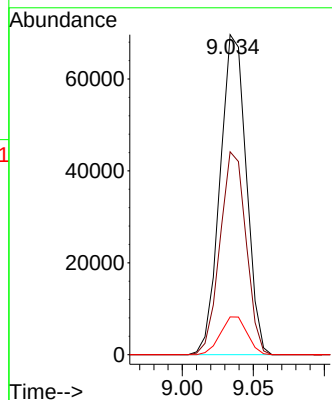
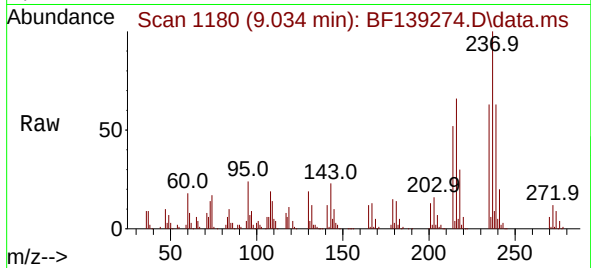




#41
Hexachlorocyclopentadiene
Concen: 41.062 ng
RT: 9.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

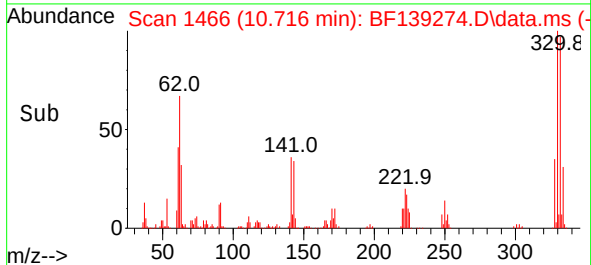
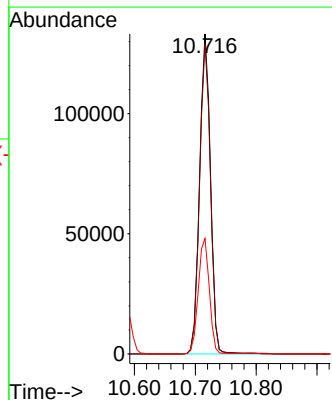
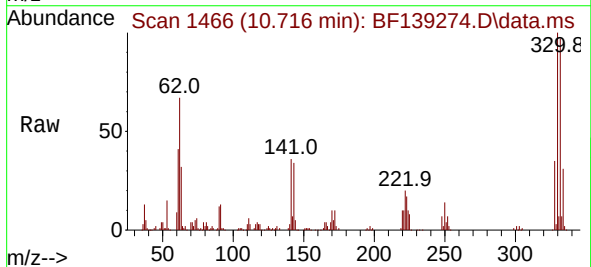
Instrument :
BNA_F
ClientSampleId :
VNJ223

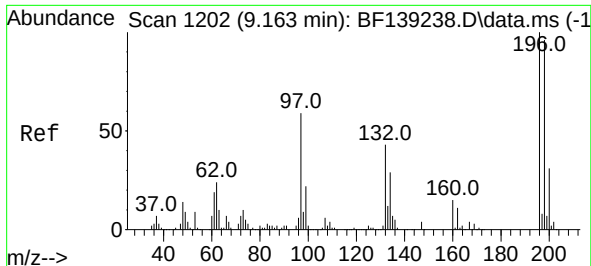
Tgt Ion:237 Resp: 89419
Ion Ratio Lower Upper
237 100
235 63.4 41.4 81.4
272 11.8 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 80.309 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

Tgt Ion:330 Resp: 166090
Ion Ratio Lower Upper
330 100
332 96.7 76.6 115.0
141 36.8 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 40.255 ng

RT: 9.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139274.D

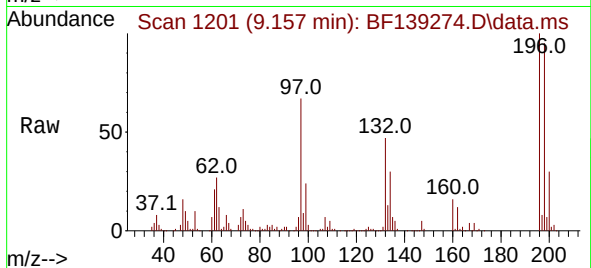
Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

VNJ223



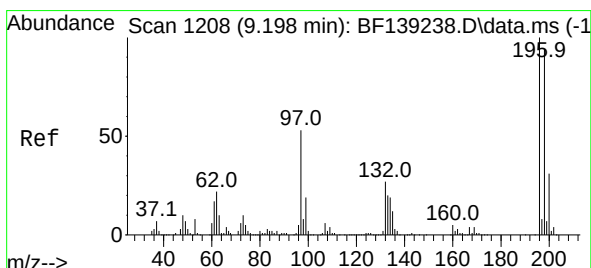
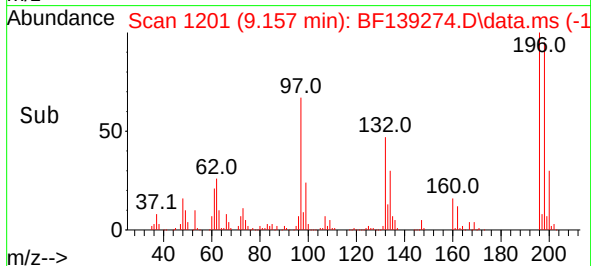
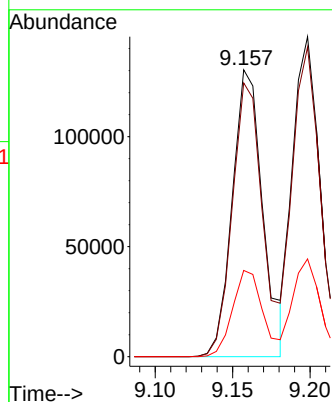
Tgt Ion:196 Resp: 178471

Ion Ratio Lower Upper

196 100

198 95.5 77.0 115.4

200 30.0 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 38.372 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Tgt Ion:196 Resp: 178277

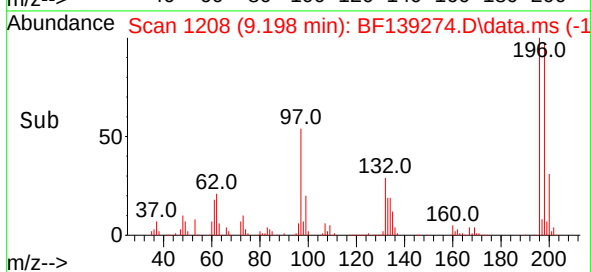
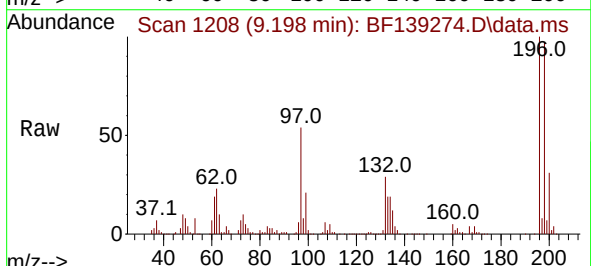
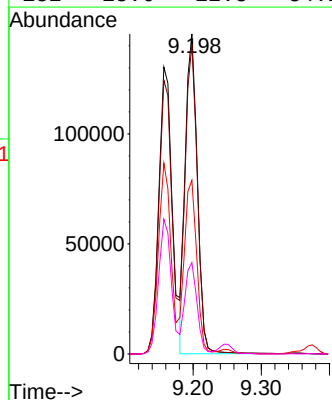
Ion Ratio Lower Upper

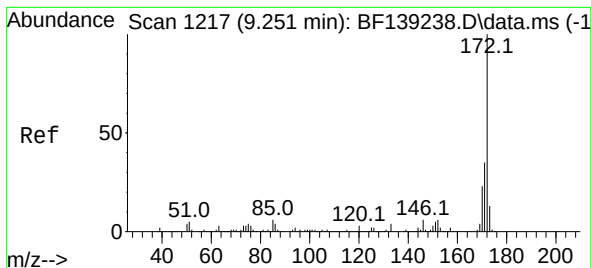
196 100

198 96.7 75.6 113.4

97 54.3 43.6 65.4

132 28.6 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 76.342 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

VNJ223

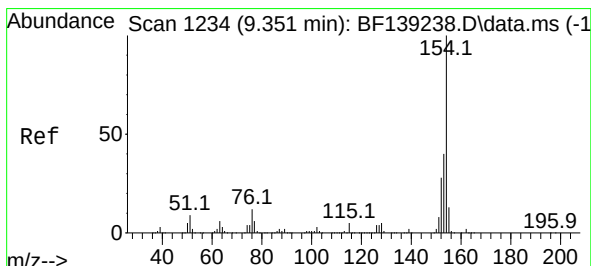
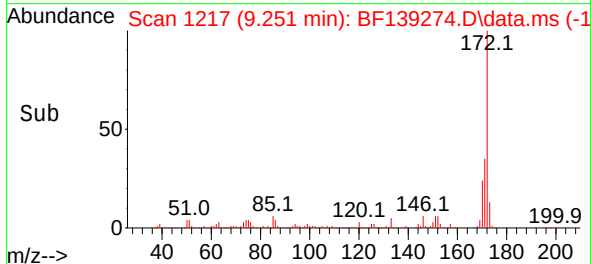
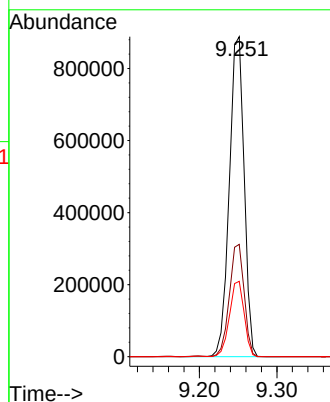
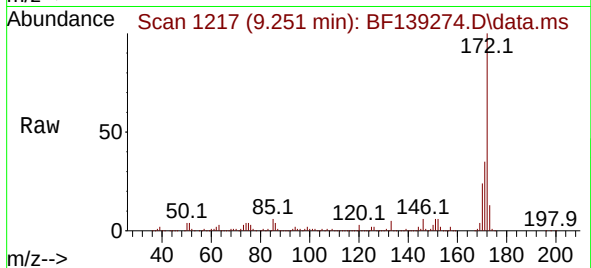
Tgt Ion:172 Resp: 1184474

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.6 18.7 28.1



#46

1,1'-Biphenyl

Concen: 38.442 ng

RT: 9.351 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

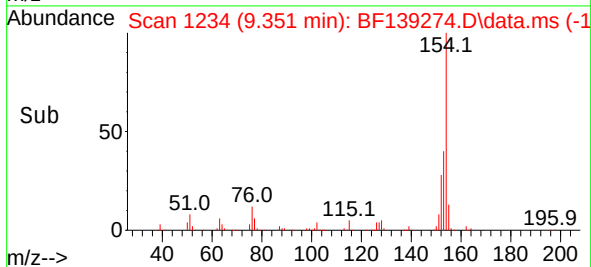
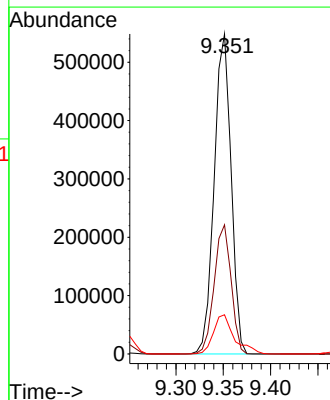
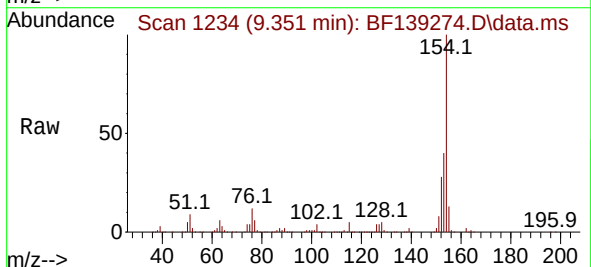
Tgt Ion:154 Resp: 682147

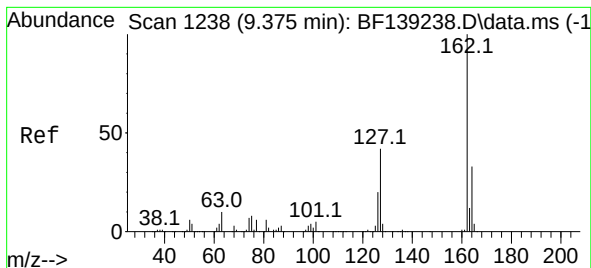
Ion Ratio Lower Upper

154 100

153 40.4 20.1 60.1

76 12.2 0.0 32.3





#47

2-Chloronaphthalene

Concen: 38.484 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

VNJ223

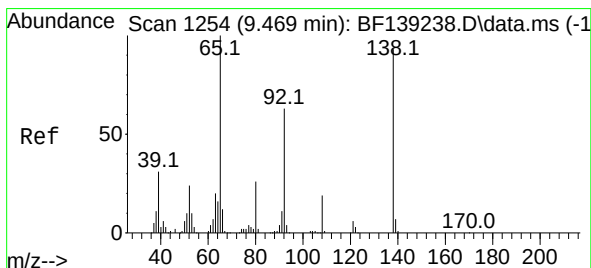
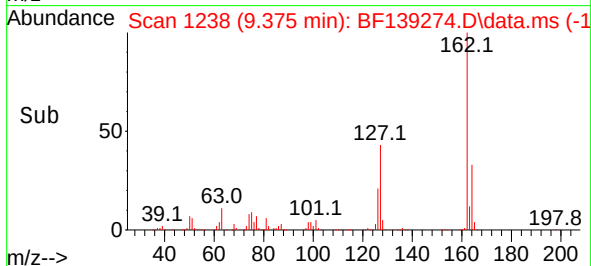
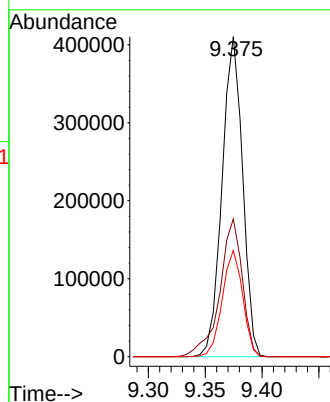
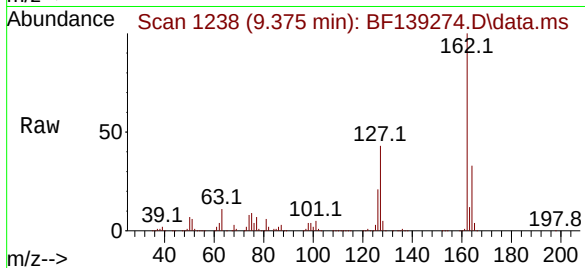
Tgt Ion:162 Resp: 515636

Ion Ratio Lower Upper

162 100

127 43.1 34.2 51.4

164 33.2 26.2 39.2



#48

2-Nitroaniline

Concen: 40.922 ng

RT: 9.469 min Scan# 1254

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

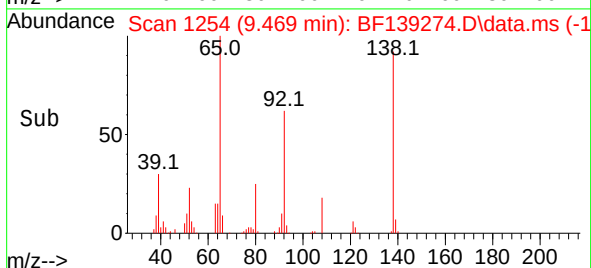
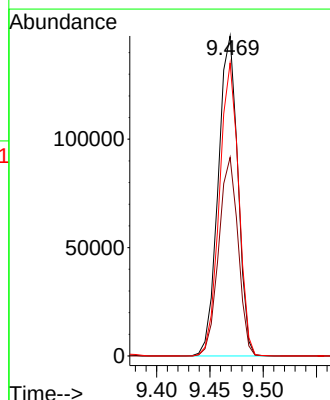
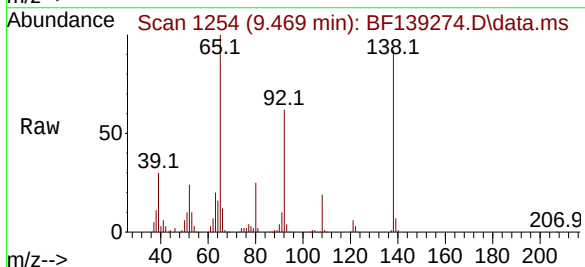
Tgt Ion: 65 Resp: 188857

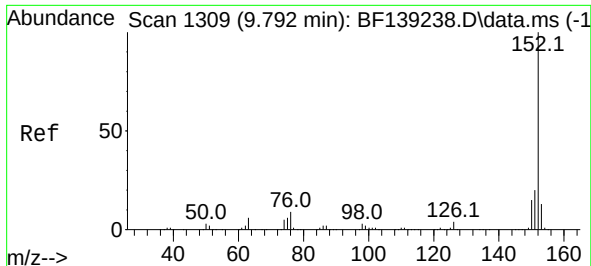
Ion Ratio Lower Upper

65 100

92 62.1 50.4 75.6

138 91.5 74.2 111.4





#49

Acenaphthylene

Concen: 38.632 ng

RT: 9.792 min Scan# 1309

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

VNJ223

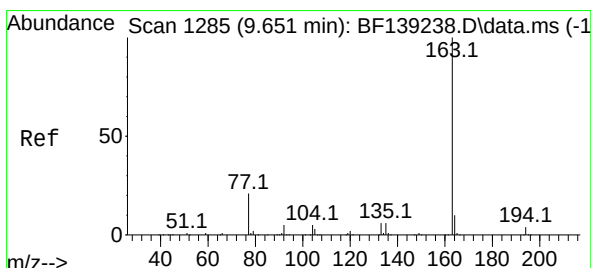
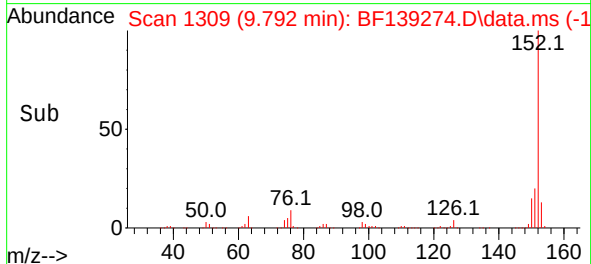
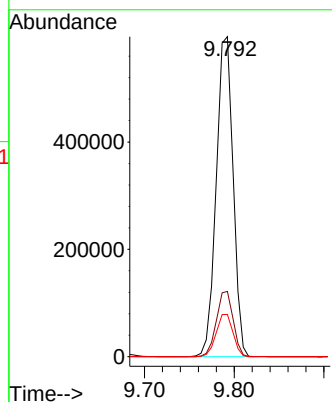
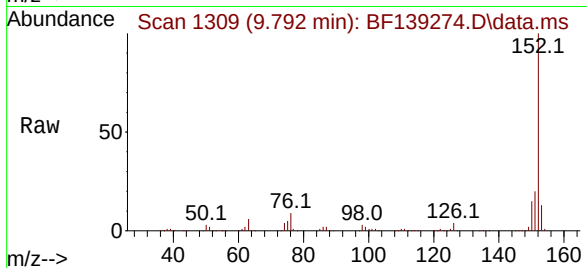
Tgt Ion:152 Resp: 779618

Ion Ratio Lower Upper

152 100

151 20.4 16.0 24.0

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 39.147 ng

RT: 9.651 min Scan# 1285

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

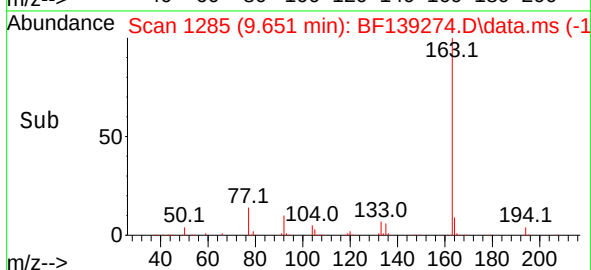
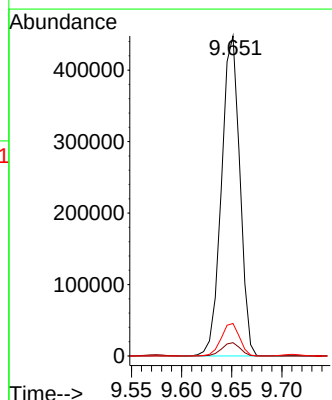
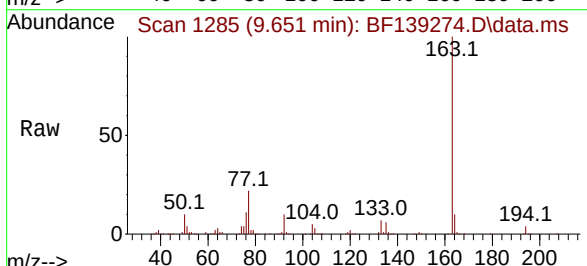
Tgt Ion:163 Resp: 568267

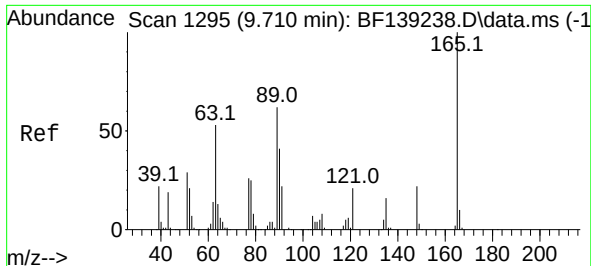
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.1 7.9 11.9

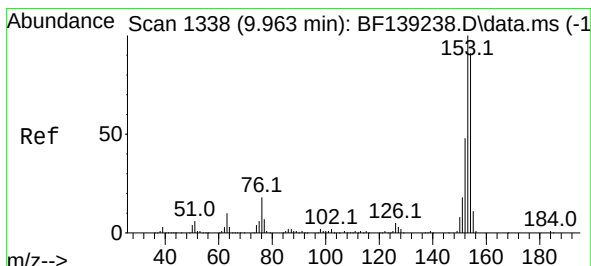
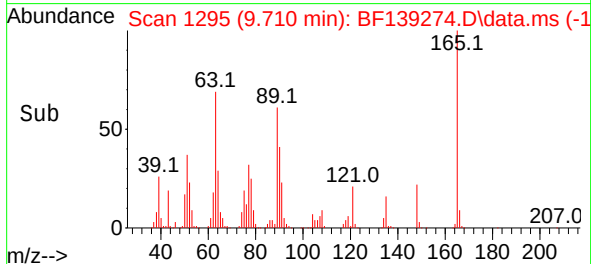
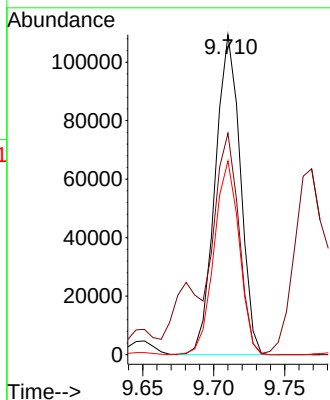
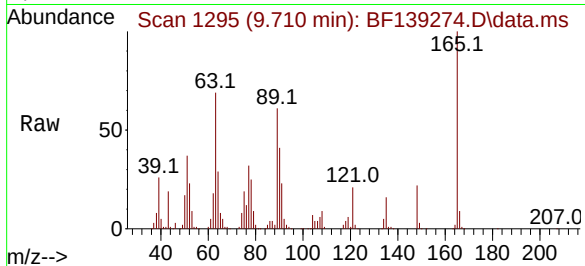




#51
2,6-Dinitrotoluene
Concen: 40.820 ng
RT: 9.710 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

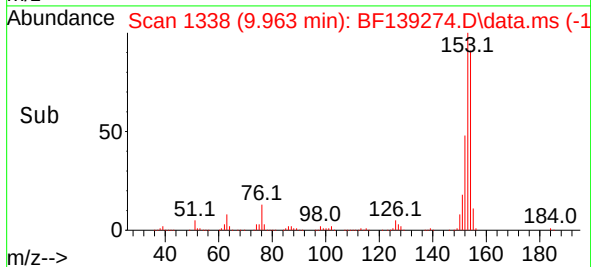
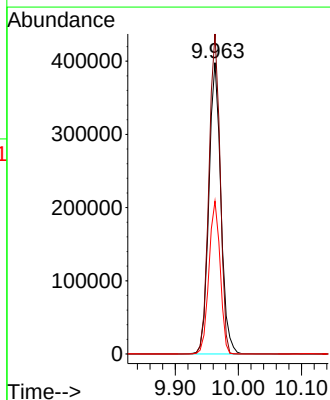
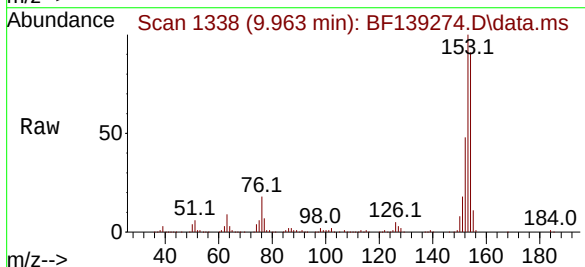
Instrument :
BNA_F
ClientSampleId :
VNJ223

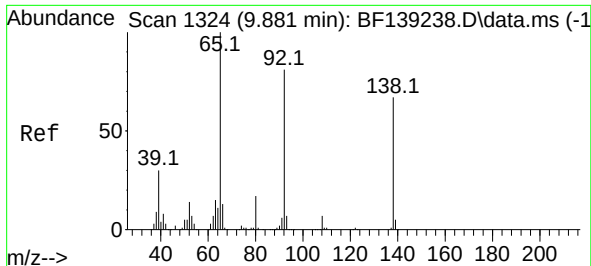
Tgt Ion:165 Resp: 134428
Ion Ratio Lower Upper
165 100
63 69.2 56.1 84.1
89 60.5 49.7 74.5



#52
Acenaphthene
Concen: 39.061 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

Tgt Ion:154 Resp: 522826
Ion Ratio Lower Upper
154 100
153 109.8 87.8 131.6
152 52.4 41.7 62.5

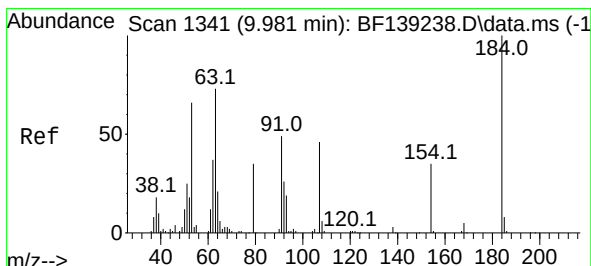
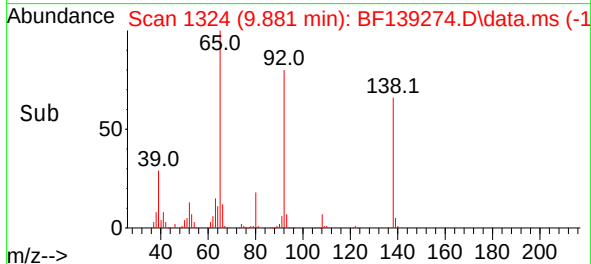
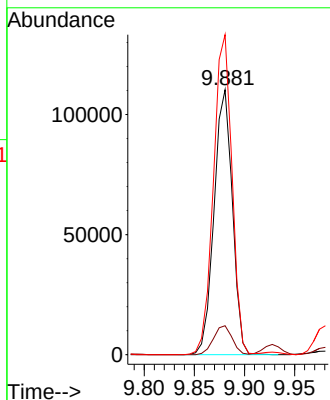
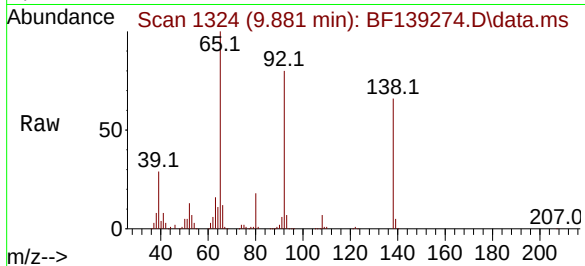




#53
3-Nitroaniline
Concen: 39.905 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

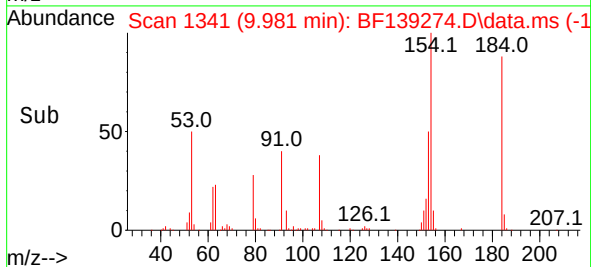
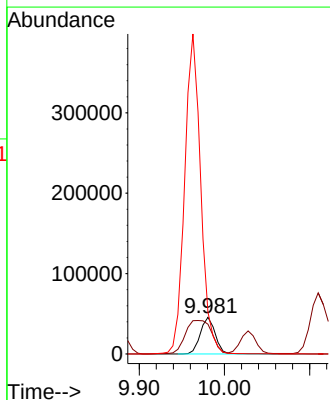
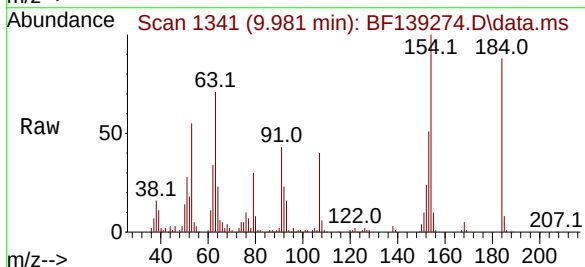
Instrument :
BNA_F
ClientSampleId :
VNJ223

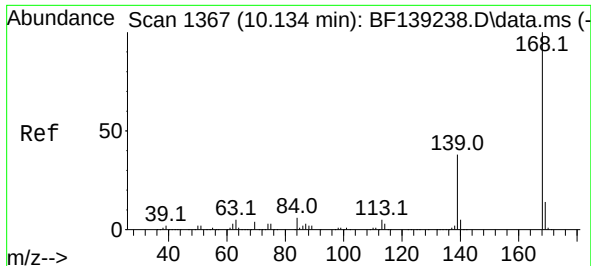
Tgt Ion:138 Resp: 140012
Ion Ratio Lower Upper
138 100
108 10.9 8.6 13.0
92 120.8 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 36.790 ng
RT: 9.981 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

Tgt Ion:184 Resp: 55736
Ion Ratio Lower Upper
184 100
63 81.1 66.4 99.6
154 114.2 97.0 145.6

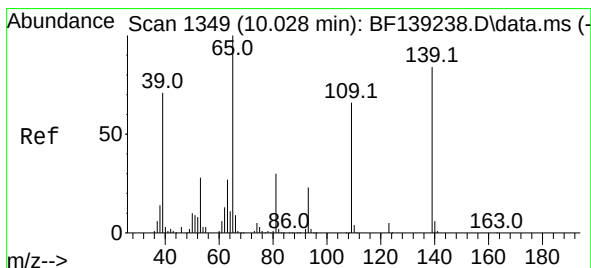
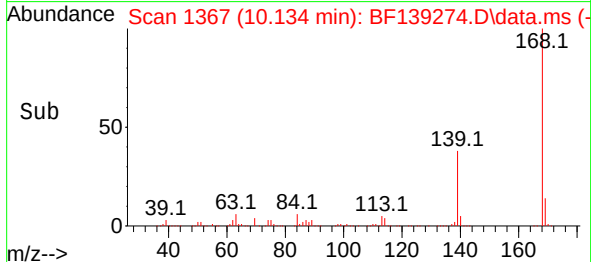
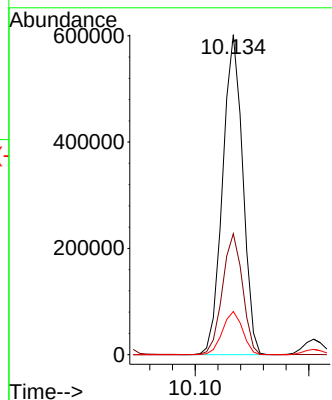
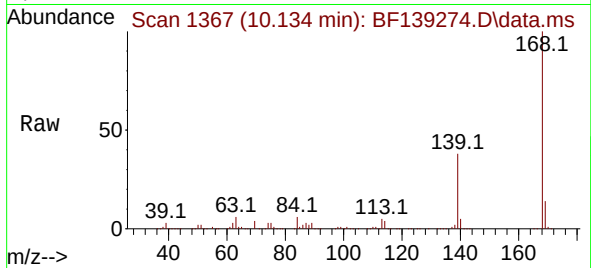




#55
Dibenzenofuran
Concen: 38.594 ng
RT: 10.134 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

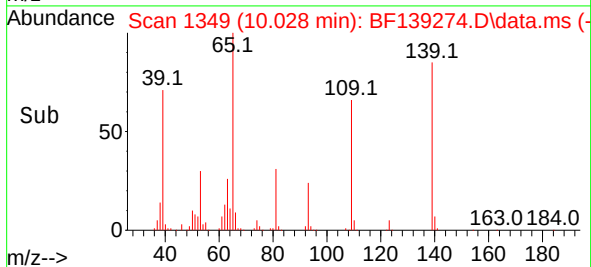
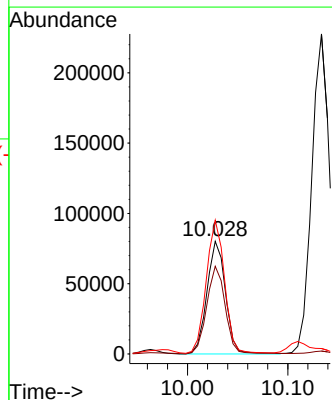
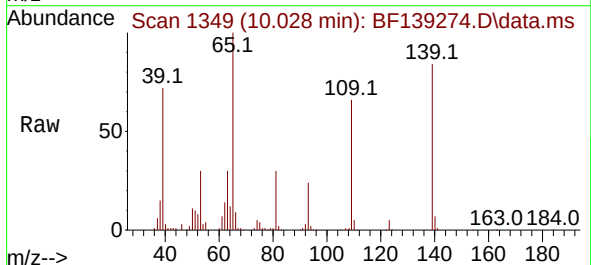
Instrument :
BNA_F
ClientSampleId :
VNJ223

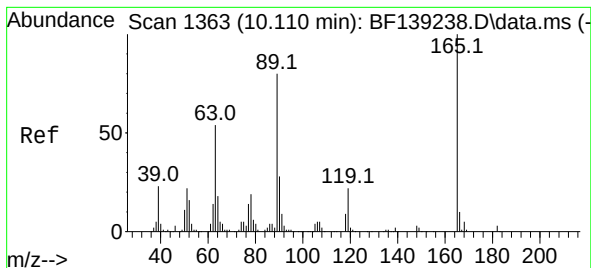
Tgt Ion:168 Resp: 740618
Ion Ratio Lower Upper
168 100
139 37.8 30.2 45.4
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 39.946 ng
RT: 10.028 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

Tgt Ion:139 Resp: 103448
Ion Ratio Lower Upper
139 100
109 77.8 58.7 98.7
65 118.7 100.3 140.3

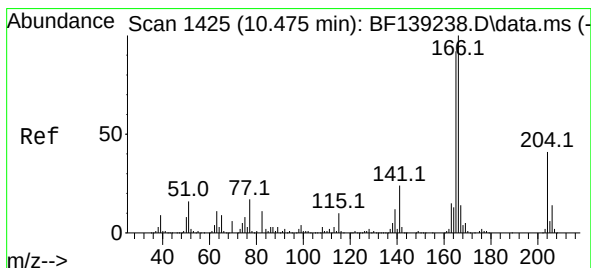
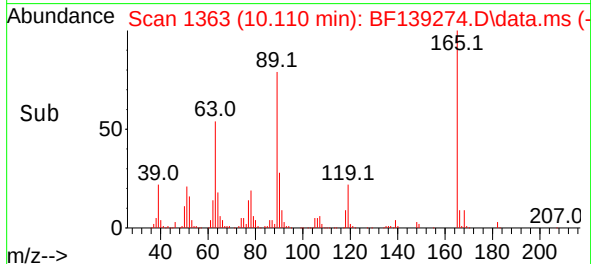
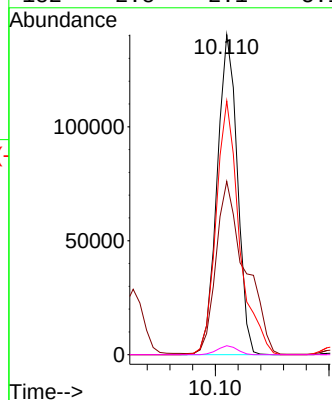
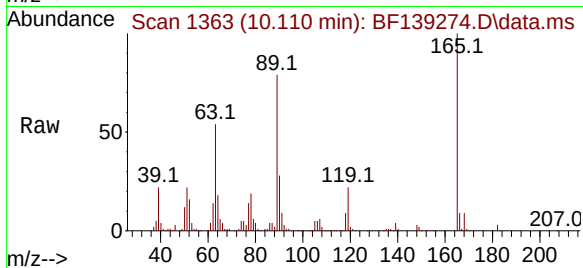




#57
2,4-Dinitrotoluene
Concen: 41.563 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

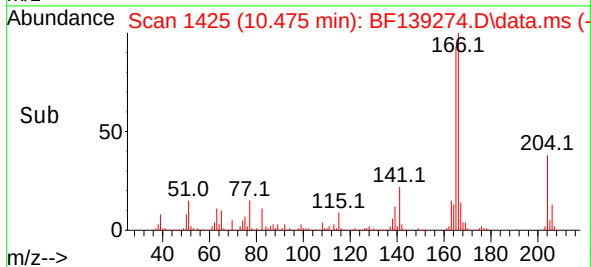
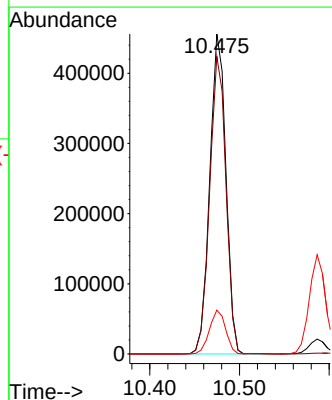
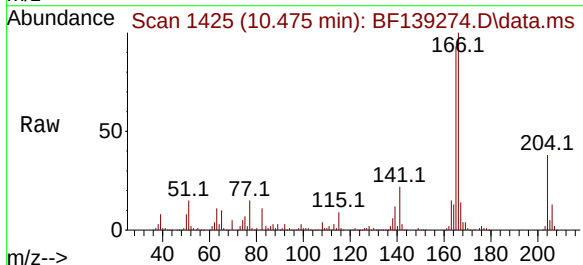
Instrument :
BNA_F
ClientSampleId :
VNJ223

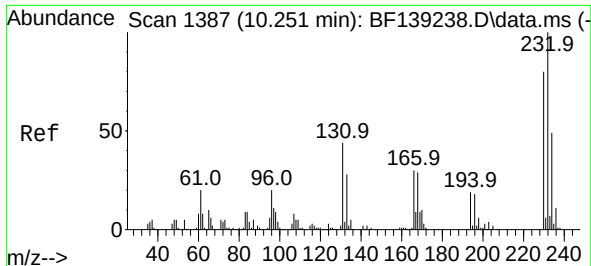
Tgt Ion:165 Resp: 174214
Ion Ratio Lower Upper
165 100
63 54.2 43.4 65.0
89 79.3 64.2 96.4
182 2.8 2.1 3.1



#58
Fluorene
Concen: 38.366 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

Tgt Ion:166 Resp: 570832
Ion Ratio Lower Upper
166 100
165 93.0 73.7 110.5
167 13.7 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.755 ng

RT: 10.245 min Scan# 1404

Delta R.T. -0.006 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

VNJ223

Tgt Ion:232 Resp: 145390

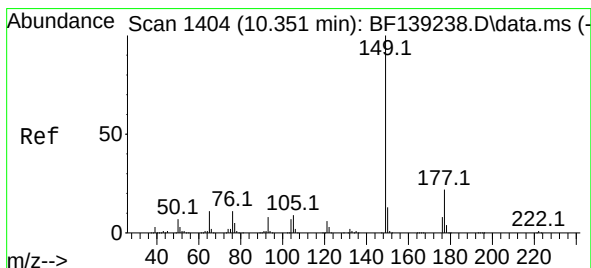
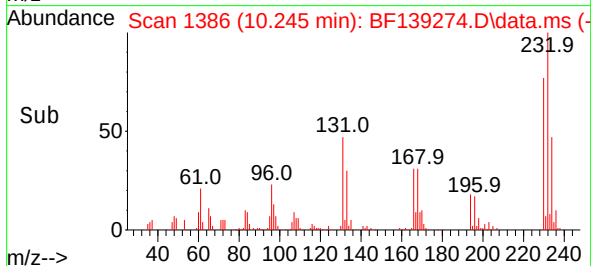
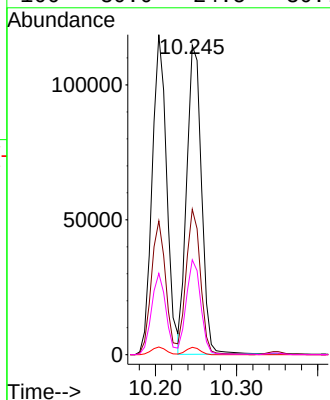
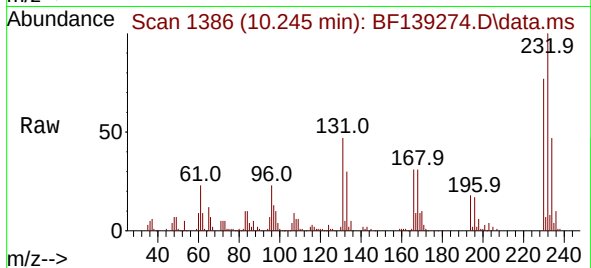
Ion Ratio Lower Upper

232 100

131 45.4 37.7 56.5

130 2.3 1.9 2.9

166 30.0 24.5 36.7



#60

Diethylphthalate

Concen: 39.548 ng

RT: 10.351 min Scan# 1404

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

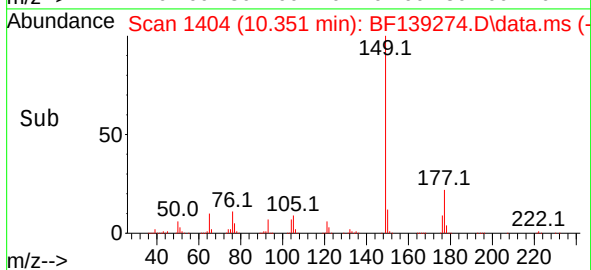
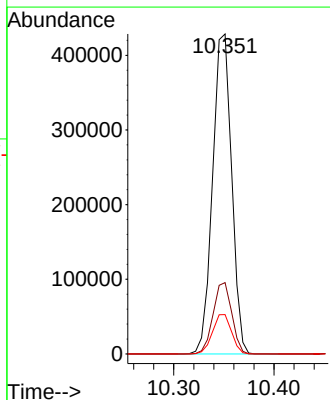
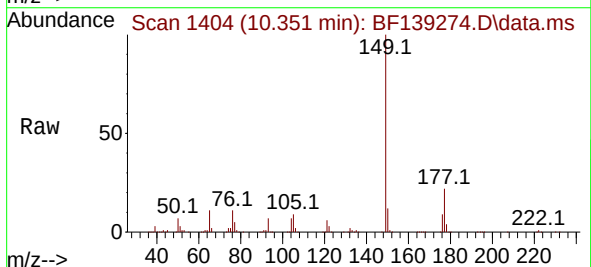
Tgt Ion:149 Resp: 564964

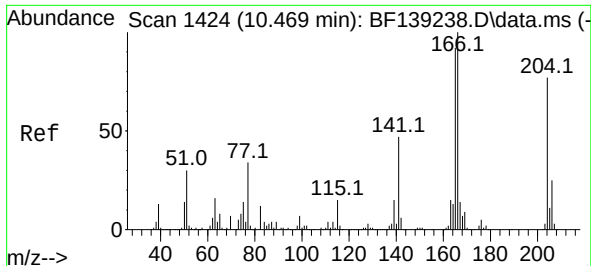
Ion Ratio Lower Upper

149 100

177 22.3 17.7 26.5

150 12.3 10.2 15.2

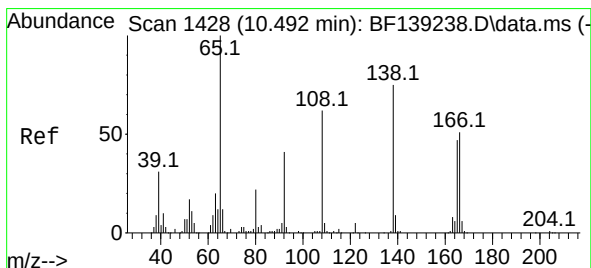
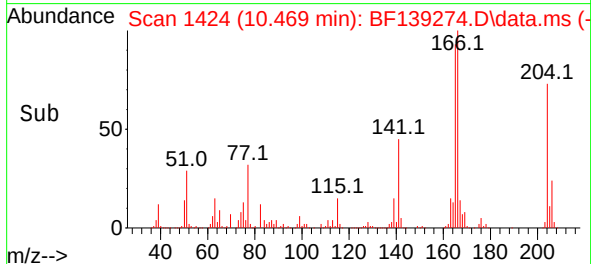
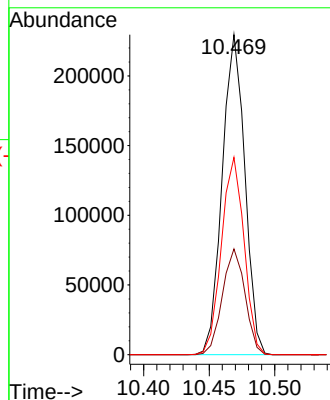
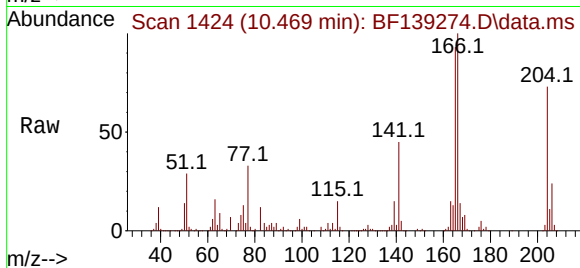




#61
4-Chlorophenyl-phenylether
Concen: 38.334 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

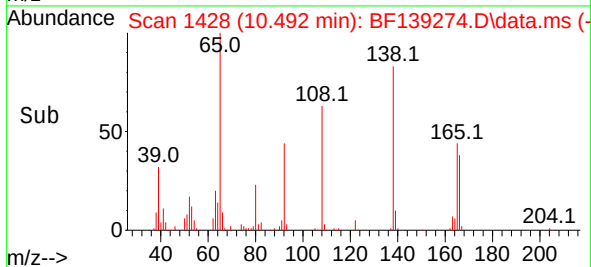
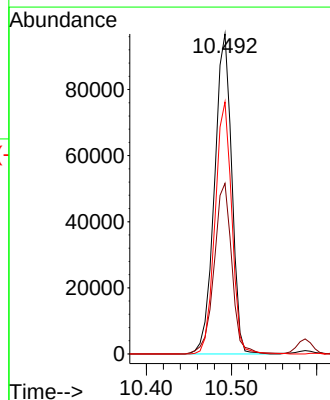
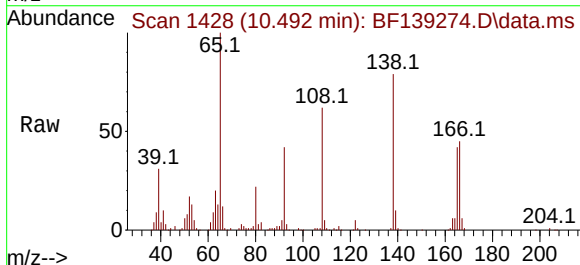
Instrument :
BNA_F
ClientSampleId :
VNJ223

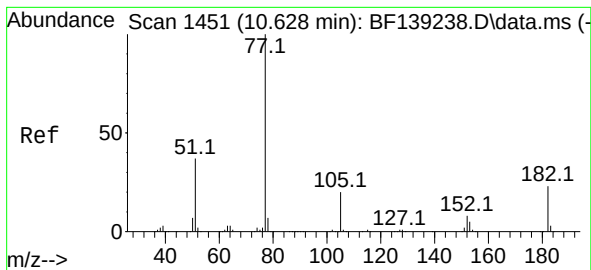
Tgt Ion:204 Resp: 275055
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.8
141 61.6 48.6 72.8



#62
4-Nitroaniline
Concen: 40.922 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

Tgt Ion:138 Resp: 136676
Ion Ratio Lower Upper
138 100
92 53.3 34.4 74.4
108 78.8 62.7 102.7





#63

Azobenzene

Concen: 38.498 ng

RT: 10.628 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

VNJ223

Tgt Ion: 77 Resp: 579644

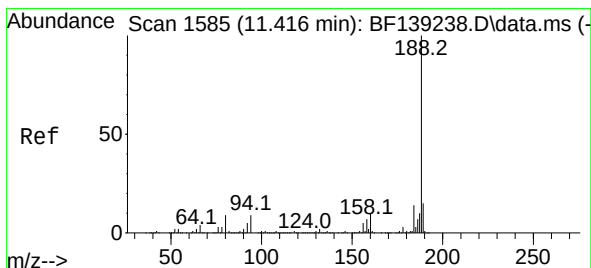
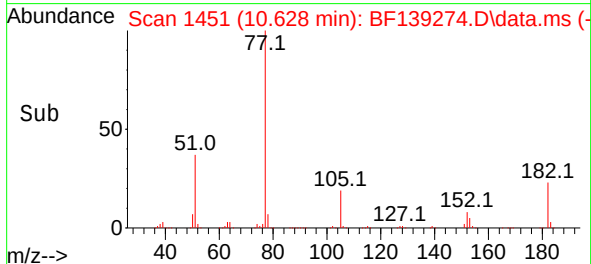
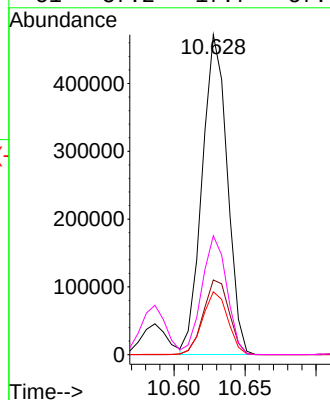
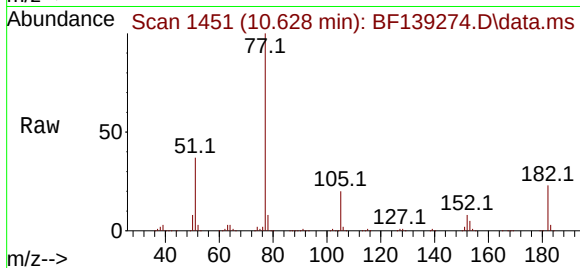
Ion Ratio Lower Upper

77 100

182 23.4 3.0 43.0

105 19.7 0.0 39.4

51 37.2 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: BF139274.D

Acq: 06 Sep 2024 12:37

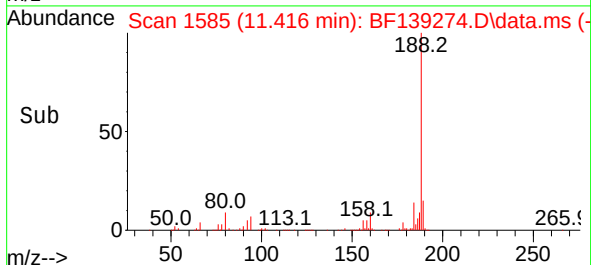
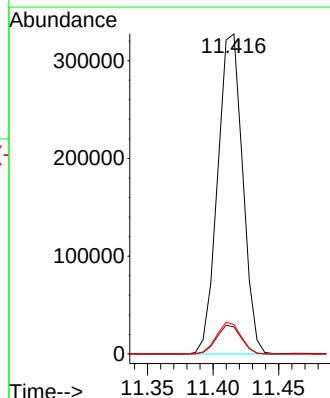
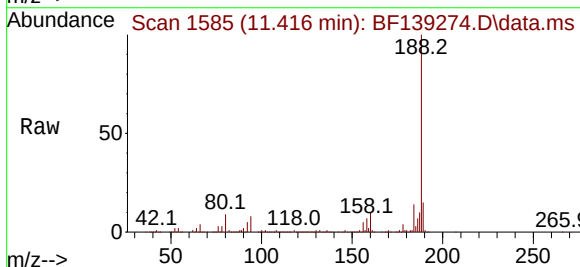
Tgt Ion:188 Resp: 433743

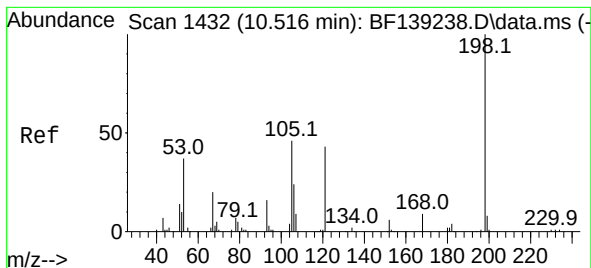
Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.4

80 9.2 7.3 10.9

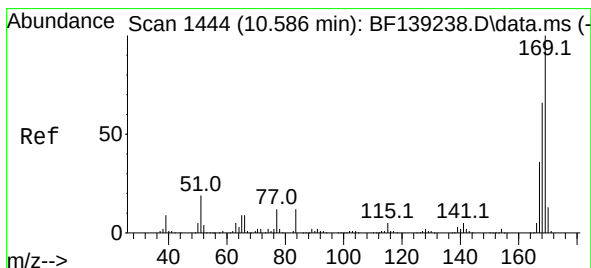
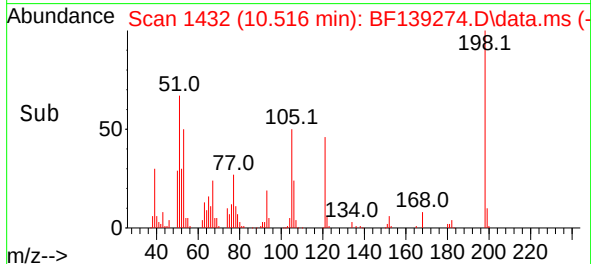
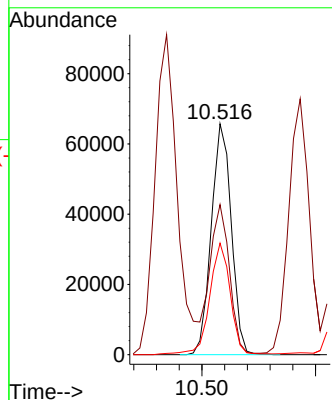
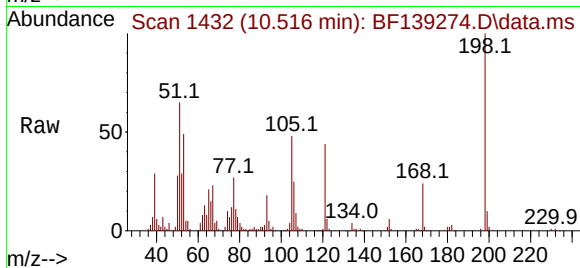




#65
4,6-Dinitro-2-methylphenol
Concen: 40.113 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

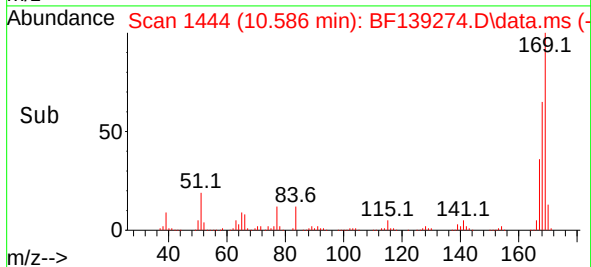
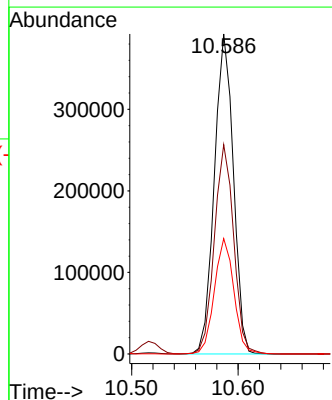
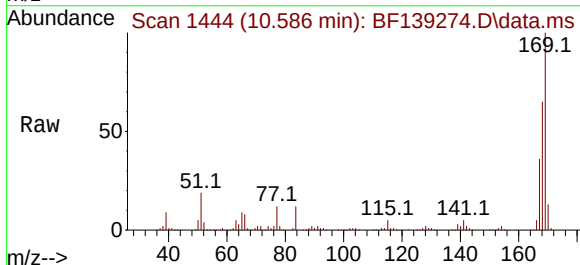
Instrument :
BNA_F
ClientSampleId :
VNJ223

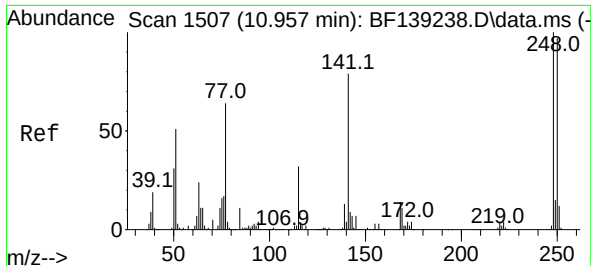
Tgt Ion:198 Resp: 80393
Ion Ratio Lower Upper
198 100
51 65.0 47.2 87.2
105 48.3 27.1 67.1



#66
n-Nitrosodiphenylamine
Concen: 38.550 ng
RT: 10.586 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

Tgt Ion:169 Resp: 486725
Ion Ratio Lower Upper
169 100
168 65.4 53.0 79.6
167 36.0 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 39.182 ng

RT: 10.957 min Scan# 1507

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

VNJ223

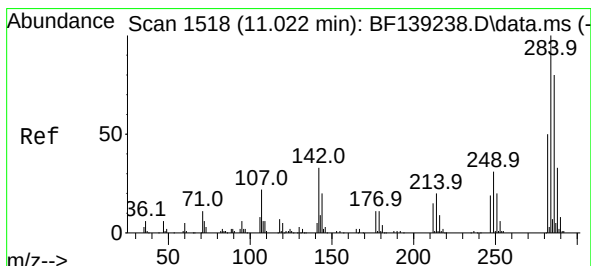
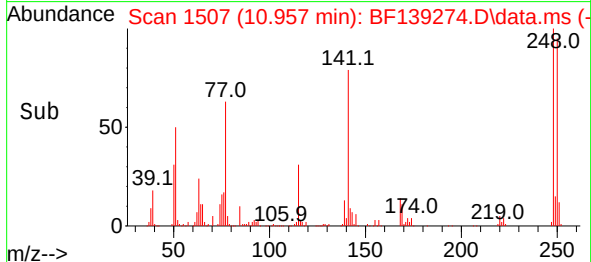
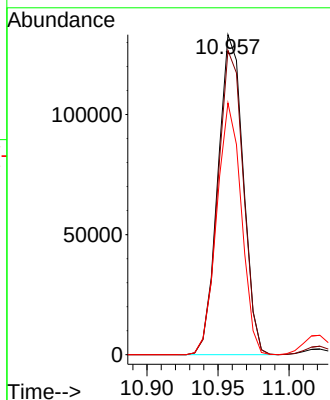
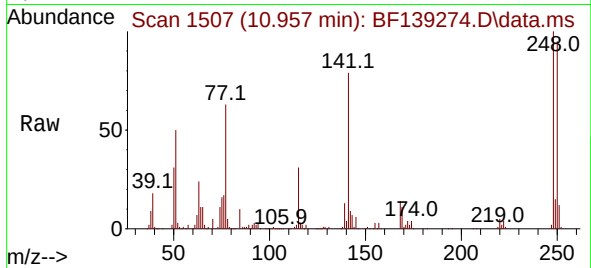
Tgt Ion:248 Resp: 164893

Ion Ratio Lower Upper

248 100

250 95.1 77.2 115.8

141 78.7 63.6 95.4



#68

Hexachlorobenzene

Concen: 38.385 ng

RT: 11.022 min Scan# 1518

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

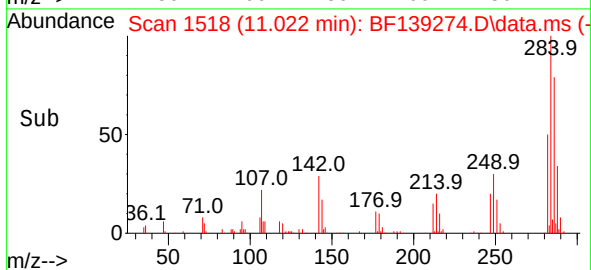
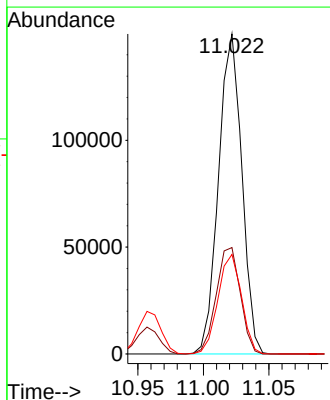
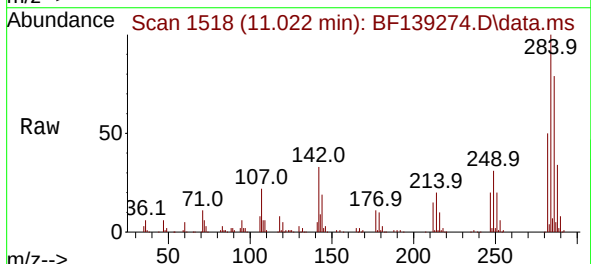
Tgt Ion:284 Resp: 184926

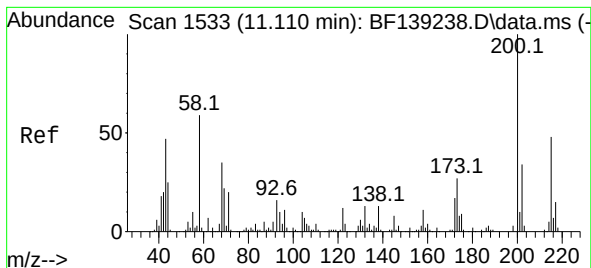
Ion Ratio Lower Upper

284 100

142 33.2 26.5 39.7

249 31.1 24.8 37.2





#69

Atrazine

Concen: 37.229 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

VNJ223

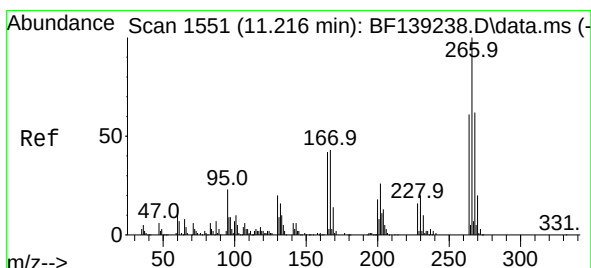
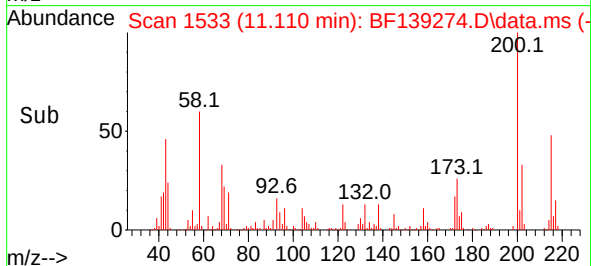
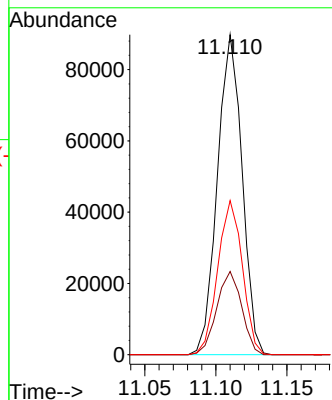
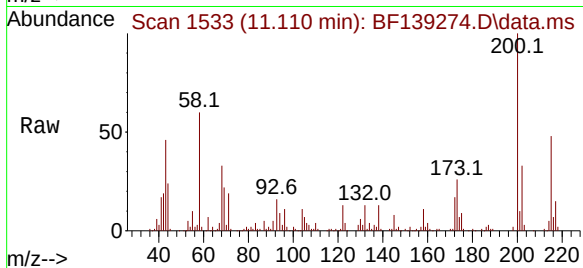
Tgt Ion:200 Resp: 108443

Ion Ratio Lower Upper

200 100

173 26.0 7.1 47.1

215 48.2 28.5 68.5



#70

Pentachlorophenol

Concen: 41.042 ng

RT: 11.216 min Scan# 1551

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

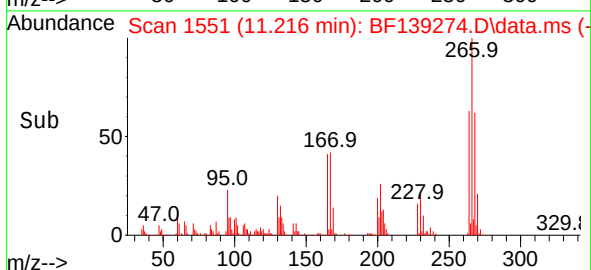
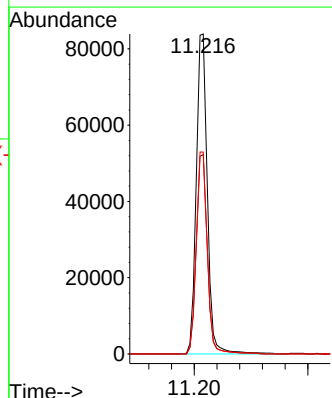
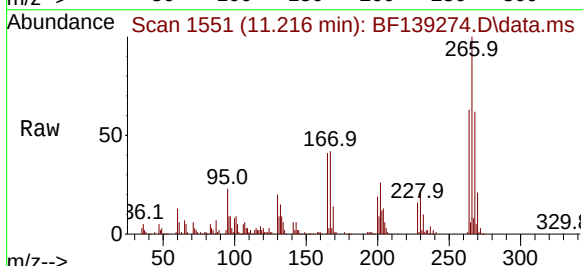
Tgt Ion:266 Resp: 114216

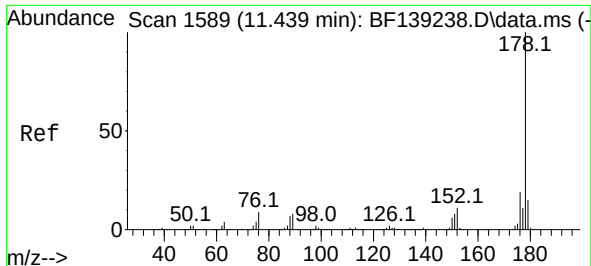
Ion Ratio Lower Upper

266 100

268 62.3 49.7 74.5

264 63.1 49.2 73.8

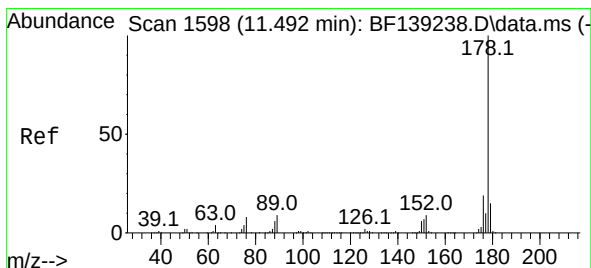
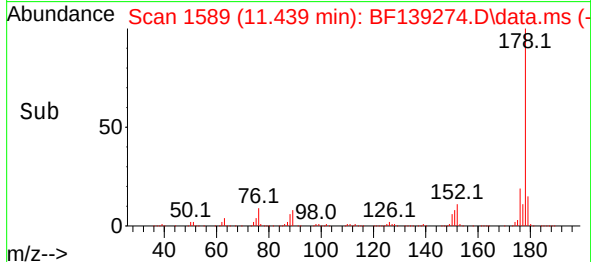
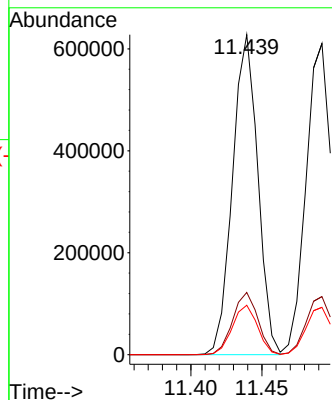
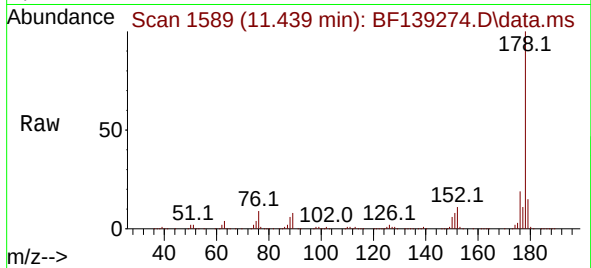




#71
Phenanthrene
Concen: 38.420 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

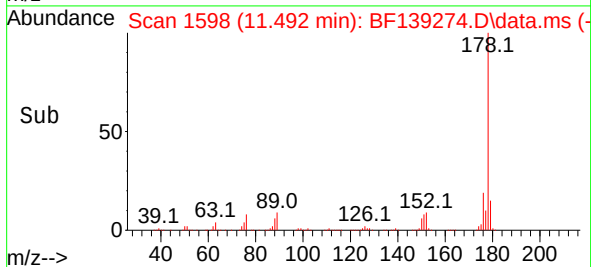
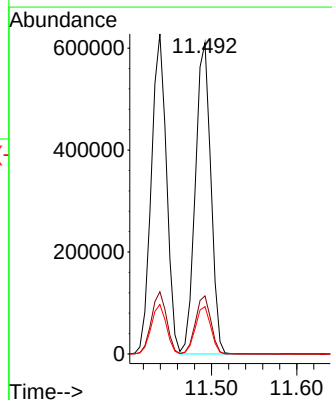
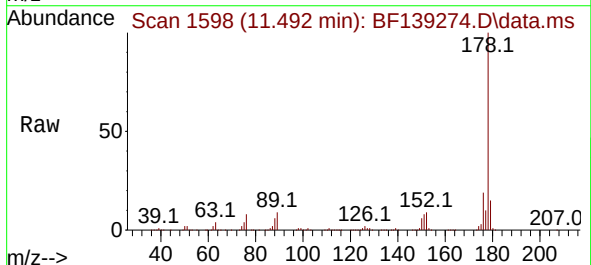
Instrument :
BNA_F
ClientSampleId :
VNJ223

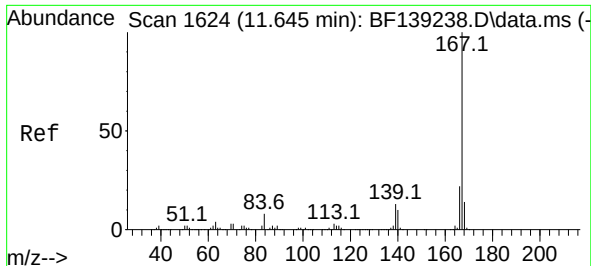
Tgt Ion:178 Resp: 778490
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.5 12.3 18.5



#72
Anthracene
Concen: 38.849 ng
RT: 11.492 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

Tgt Ion:178 Resp: 768973
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.2 12.3 18.5

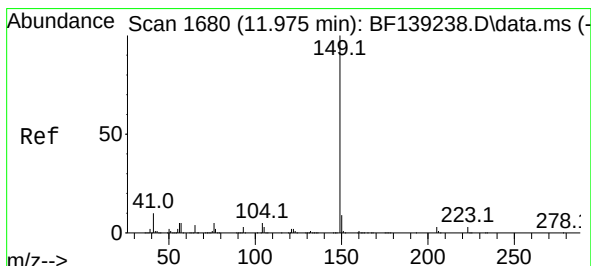
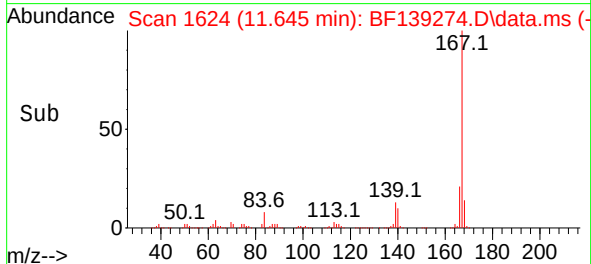
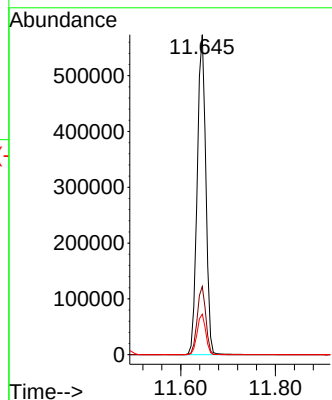
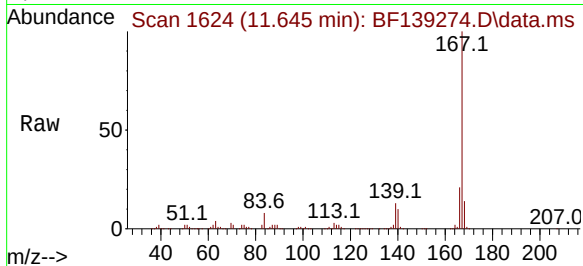




#73
 Carbazole
 Concen: 39.103 ng
 RT: 11.645 min Scan# 1624
 Delta R.T. -0.000 min
 Lab File: BF139274.D
 Acq: 06 Sep 2024 12:37

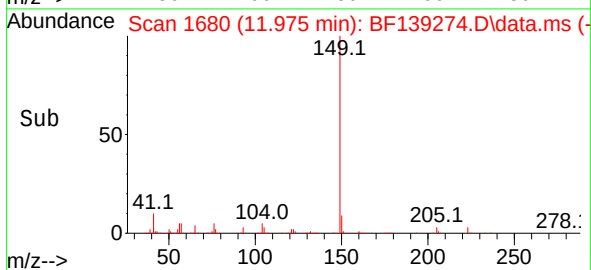
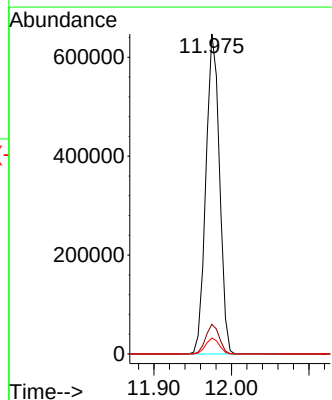
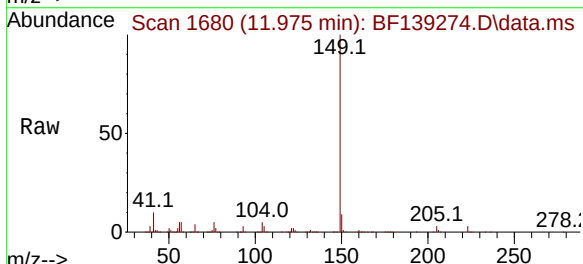
Instrument :
 BNA_F
 ClientSampleId :
 VNJ223

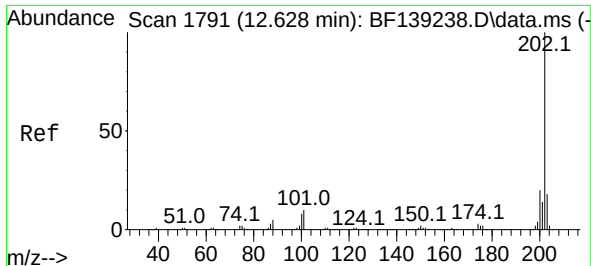
Tgt Ion:167 Resp: 723406
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.7 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 41.616 ng
 RT: 11.975 min Scan# 1680
 Delta R.T. -0.000 min
 Lab File: BF139274.D
 Acq: 06 Sep 2024 12:37

Tgt Ion:149 Resp: 788304
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.0 3.9 5.9

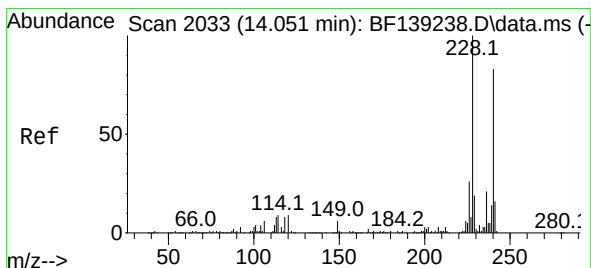
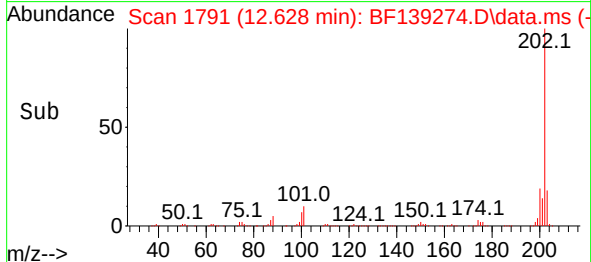
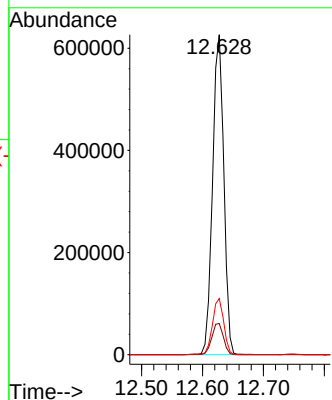
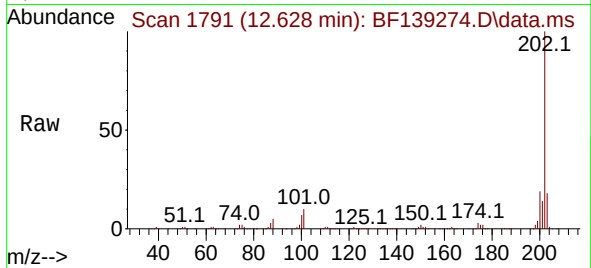




#75
Fluoranthene
Concen: 39.548 ng
RT: 12.628 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

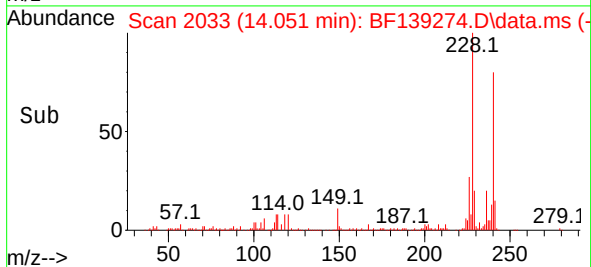
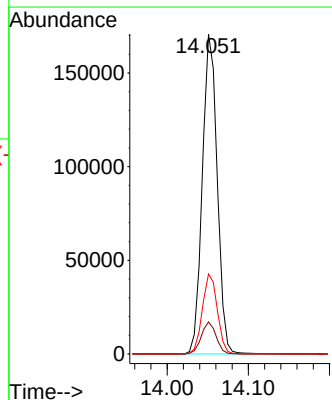
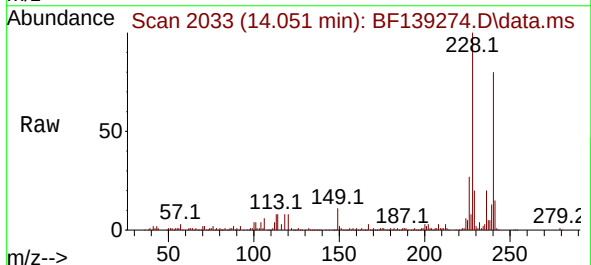
Instrument :
BNA_F
ClientSampleId :
VNJ223

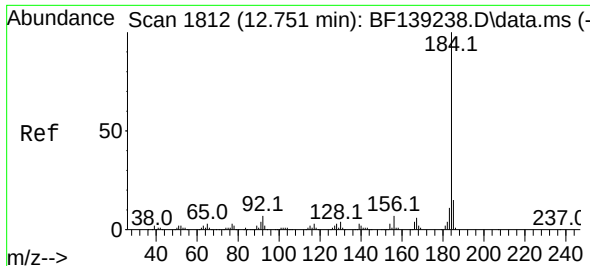
Tgt Ion:202 Resp: 803376
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.9
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

Tgt Ion:240 Resp: 217068
Ion Ratio Lower Upper
240 100
120 10.0 8.6 12.8
236 25.0 20.7 31.1

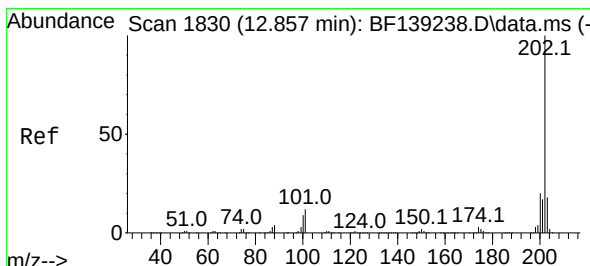
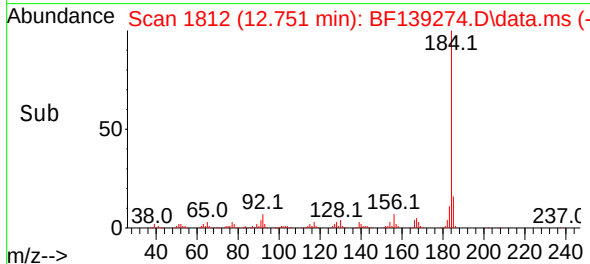
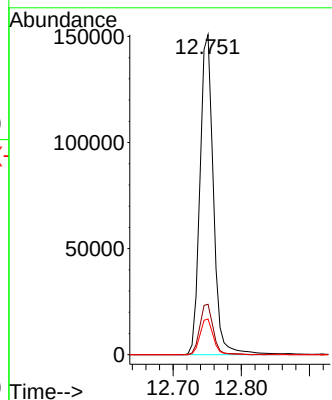
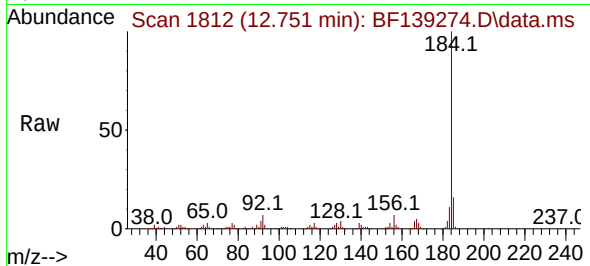




#77
Benzidine
Concen: 47.396 ng
RT: 12.751 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

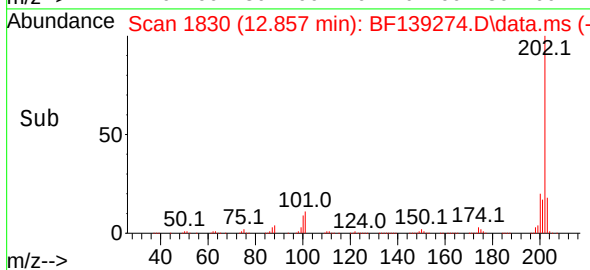
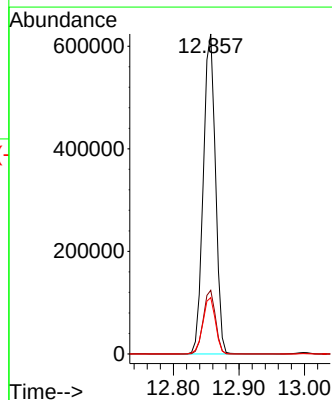
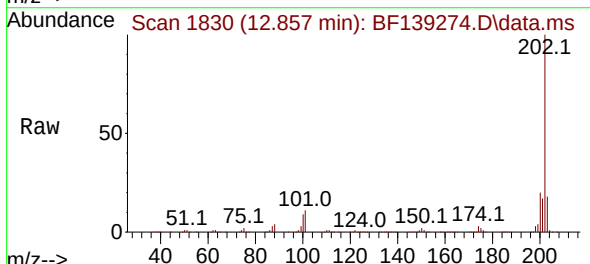
Instrument :
BNA_F
ClientSampleId :
VNJ223

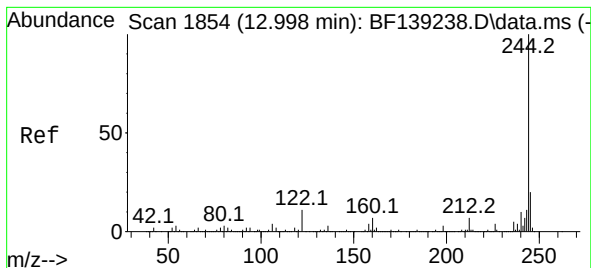
Tgt Ion:184 Resp: 207157
Ion Ratio Lower Upper
184 100
185 15.7 11.9 17.9
183 11.2 8.8 13.2



#78
Pyrene
Concen: 38.546 ng
RT: 12.857 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

Tgt Ion:202 Resp: 808274
Ion Ratio Lower Upper
202 100
200 19.9 15.8 23.8
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 77.068 ng

RT: 12.998 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

VNJ223

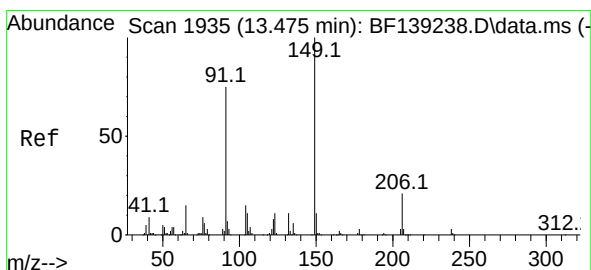
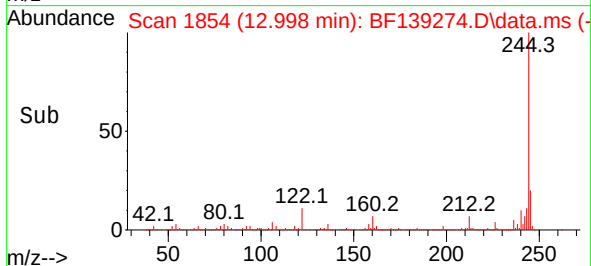
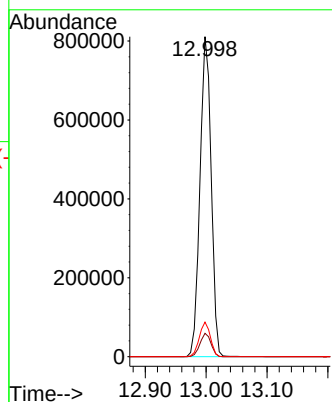
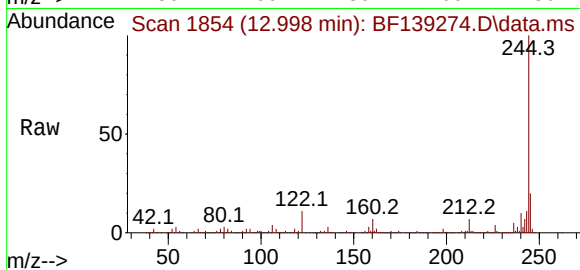
Tgt Ion:244 Resp: 1036120

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 10.8 8.7 13.1



#80

Butylbenzylphthalate

Concen: 43.884 ng

RT: 13.475 min Scan# 1935

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

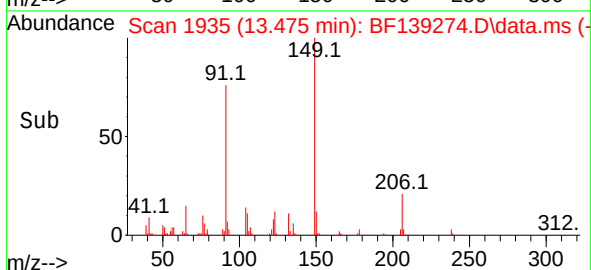
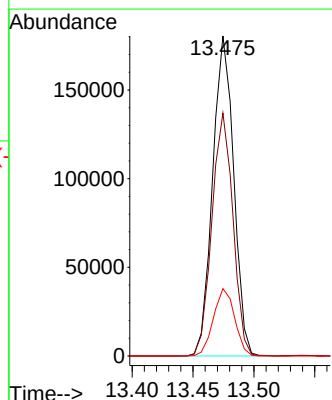
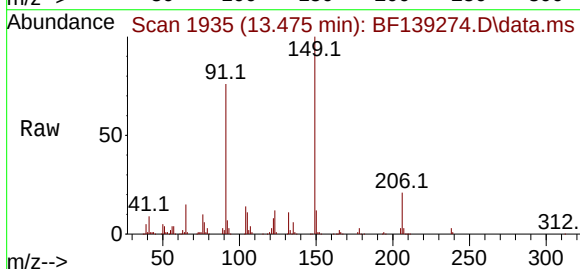
Tgt Ion:149 Resp: 216622

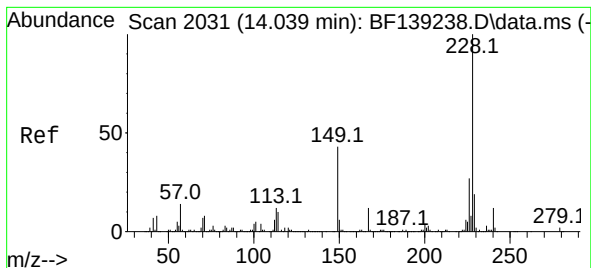
Ion Ratio Lower Upper

149 100

91 75.9 60.3 90.5

206 21.1 16.7 25.1





#81

Benzo(a)anthracene

Concen: 39.471 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

VNJ223

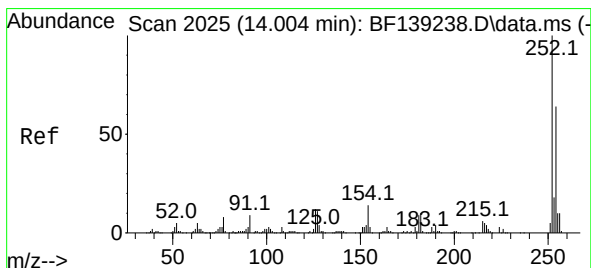
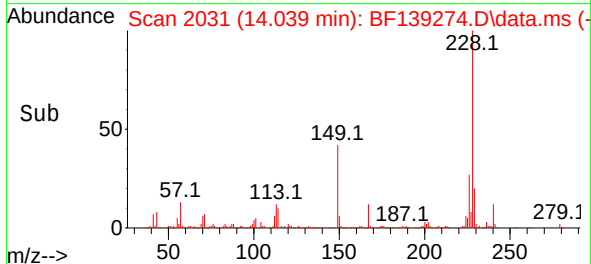
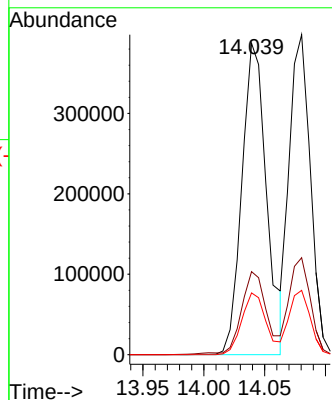
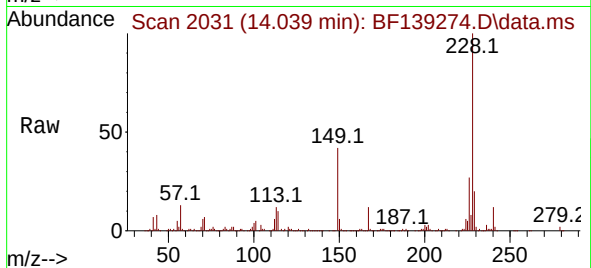
Tgt Ion:228 Resp: 547104

Ion Ratio Lower Upper

228 100

226 26.7 21.5 32.3

229 19.8 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 42.691 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

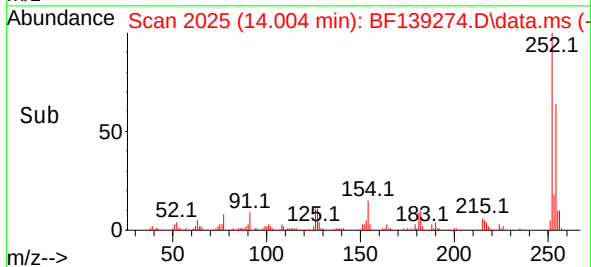
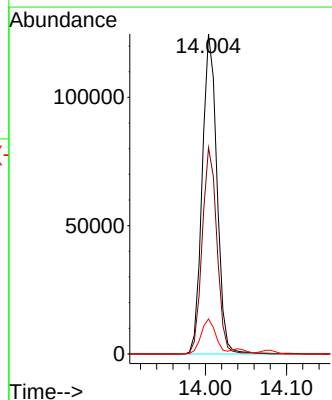
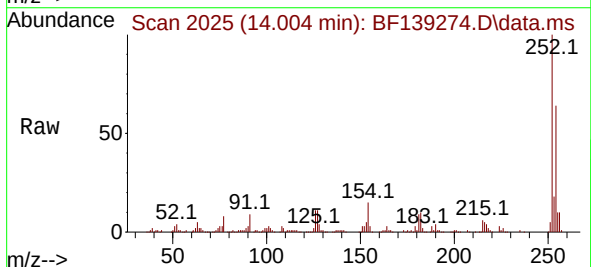
Tgt Ion:252 Resp: 157147

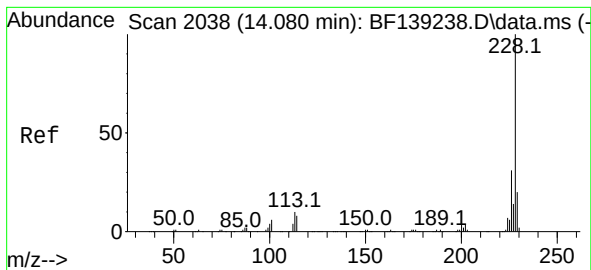
Ion Ratio Lower Upper

252 100

254 64.5 51.5 77.3

126 11.0 9.2 13.8





#83

Chrysene

Concen: 37.113 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

VNJ223

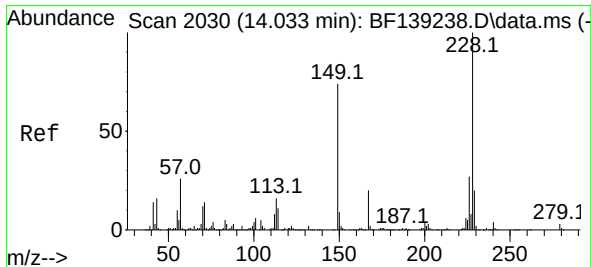
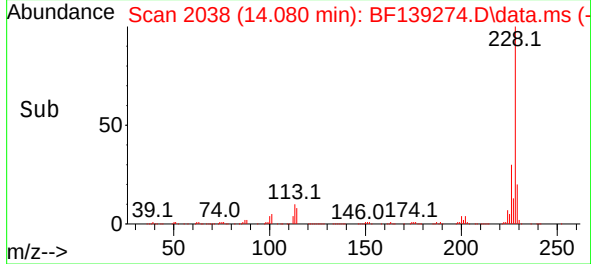
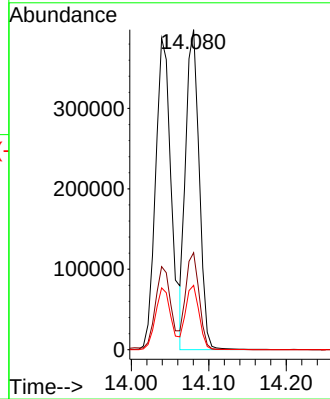
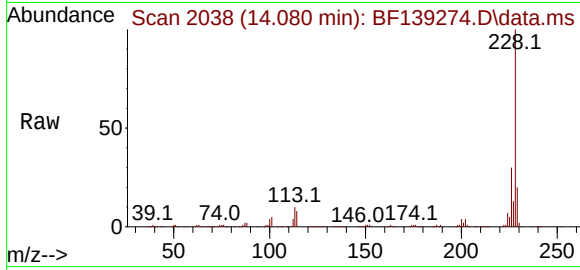
Tgt Ion:228 Resp: 480113

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.8

229 20.1 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.787 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

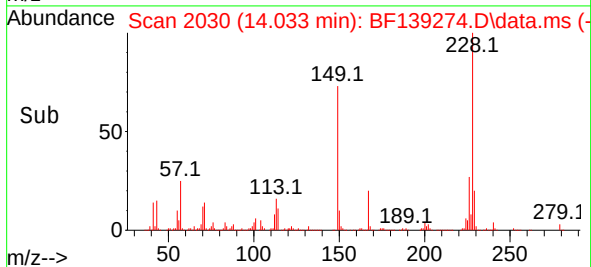
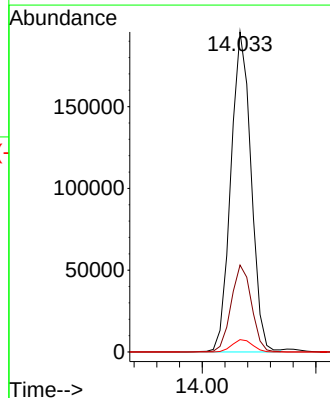
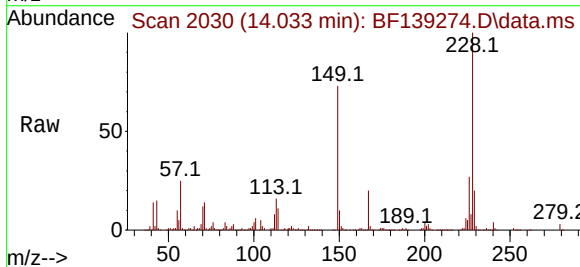
Tgt Ion:149 Resp: 242109

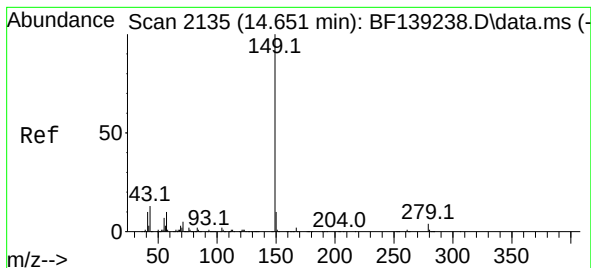
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.6

279 3.8 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 36.049 ng

RT: 14.651 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

VNJ223

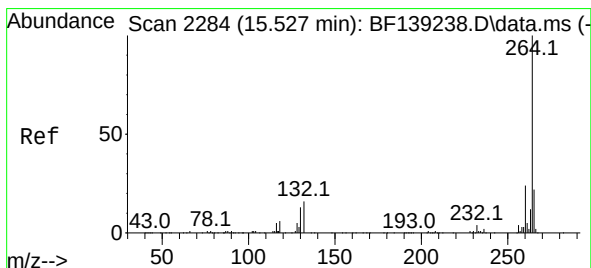
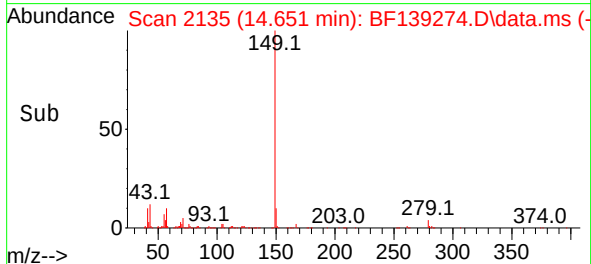
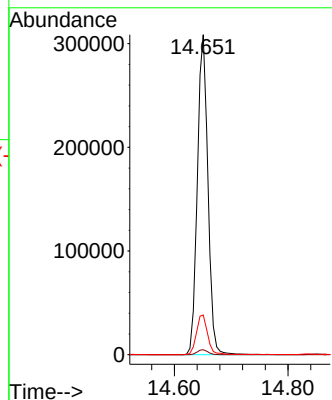
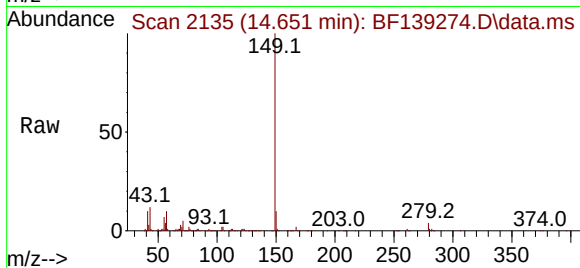
Tgt Ion:149 Resp: 399885

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.3 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: BF139274.D

Acq: 06 Sep 2024 12:37

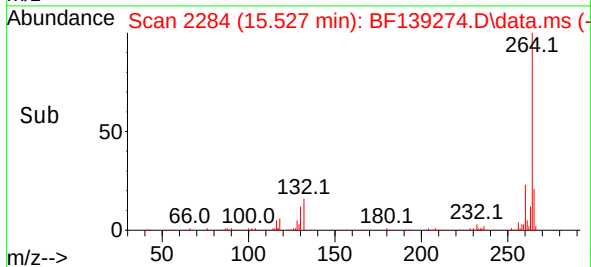
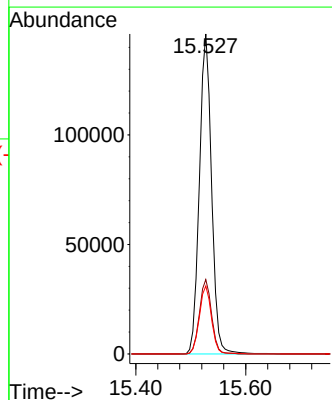
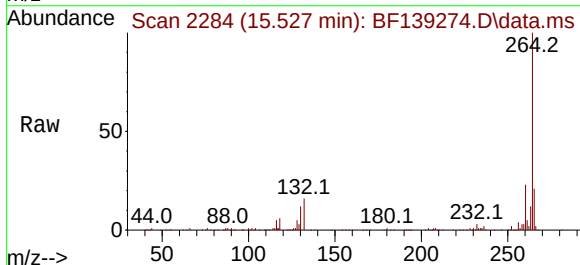
Tgt Ion:264 Resp: 224850

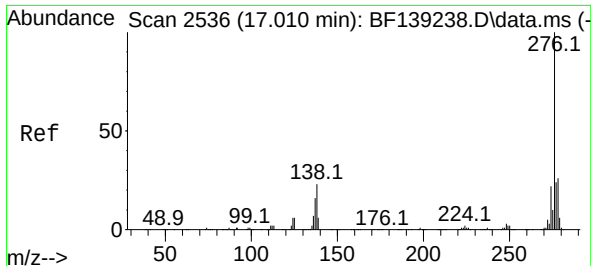
Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 21.3 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.694 ng

RT: 17.010 min Scan# 2110

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

VNJ223

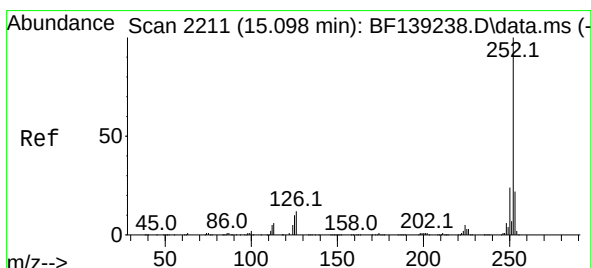
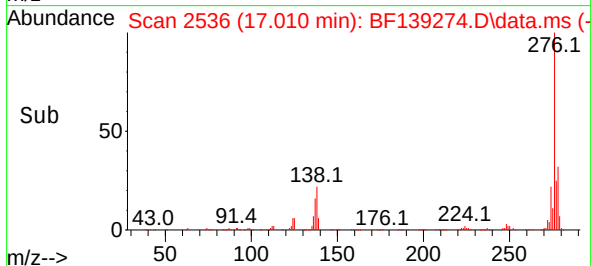
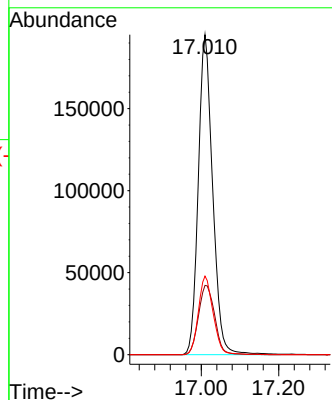
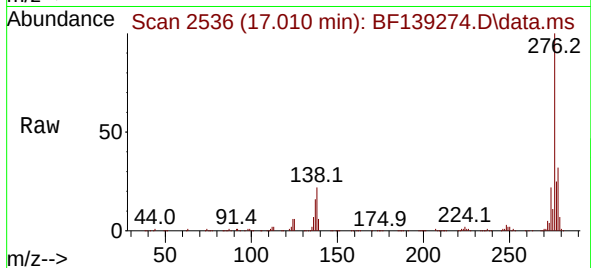
Tgt Ion:276 Resp: 501385

Ion Ratio Lower Upper

276 100

138 24.5 20.4 30.6

277 25.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 38.847 ng

RT: 15.092 min Scan# 2210

Delta R.T. -0.006 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

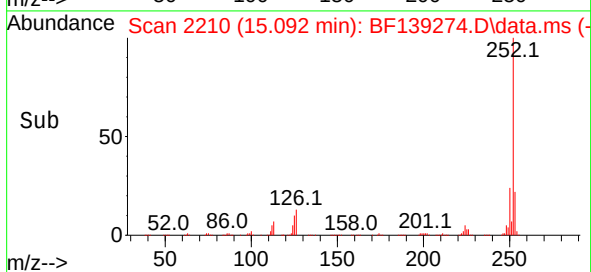
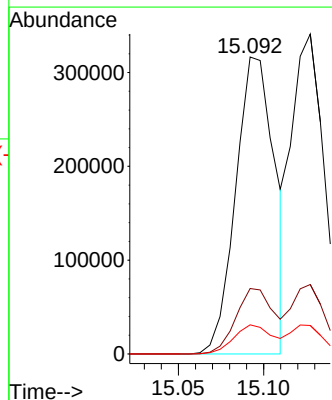
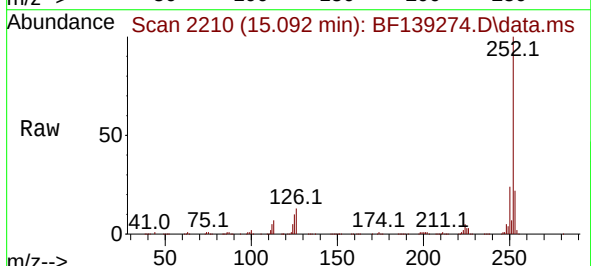
Tgt Ion:252 Resp: 503035

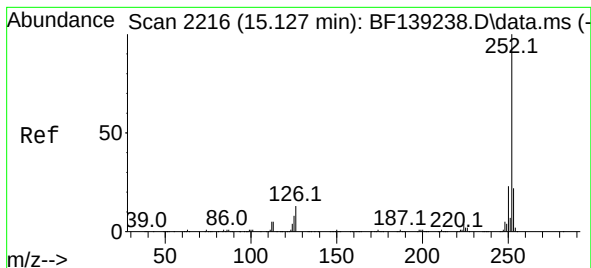
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.8 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 39.911 ng

RT: 15.127 min Scan# 2216

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

Instrument :

BNA_F

ClientSampleId :

VNJ223

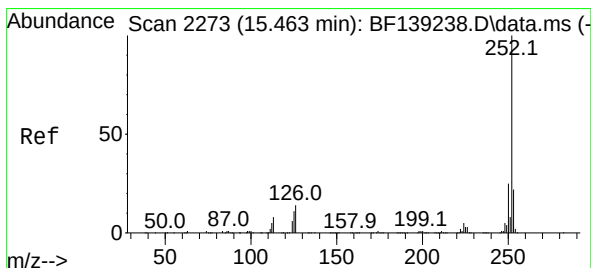
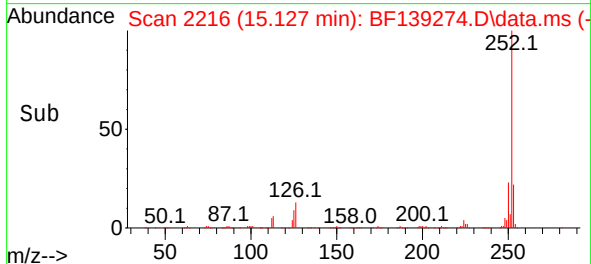
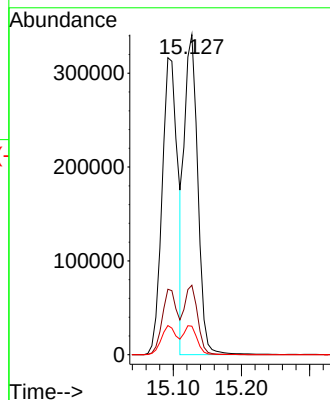
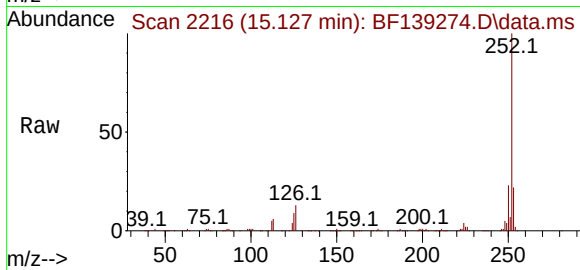
Tgt Ion:252 Resp: 463387

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 8.9 7.2 10.8



#90

Benzo(a)pyrene

Concen: 39.477 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF139274.D

Acq: 06 Sep 2024 12:37

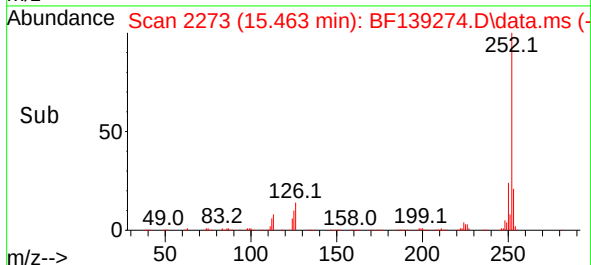
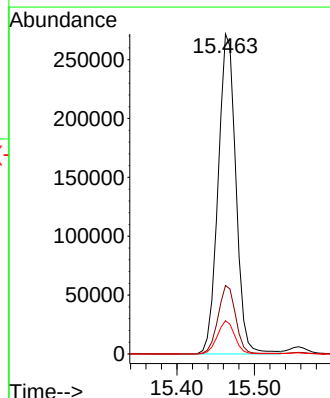
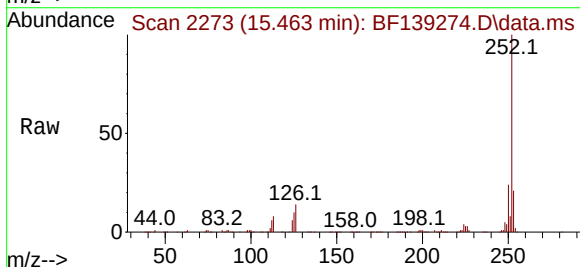
Tgt Ion:252 Resp: 434068

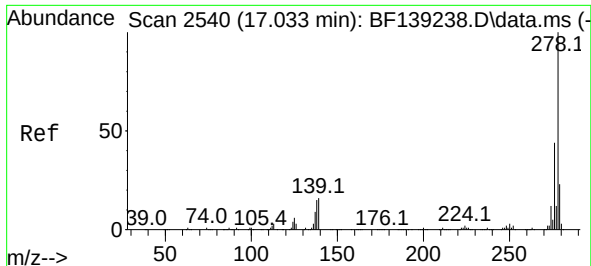
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 10.4 8.6 13.0

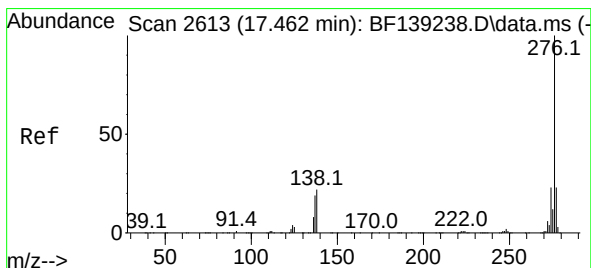
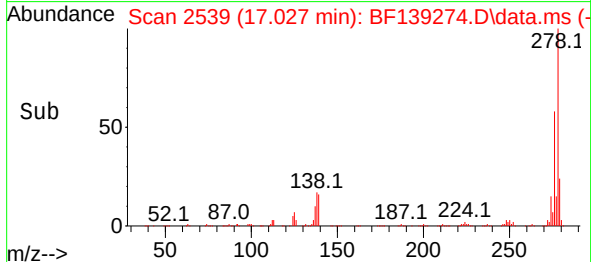
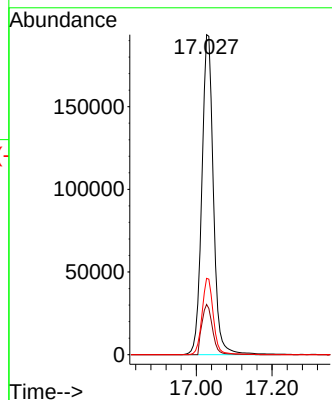
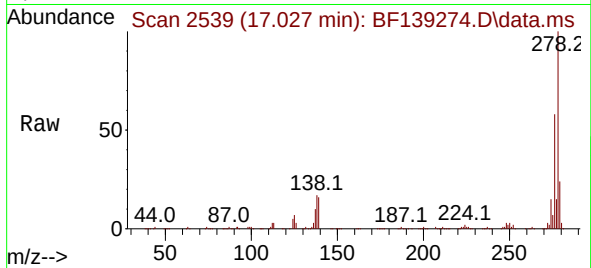




#91
Dibenzo(a,h)anthracene
Concen: 35.481 ng
RT: 17.027 min Scan# 2539
Delta R.T. -0.006 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

Instrument :
BNA_F
ClientSampleId :
VNJ223

Tgt Ion:278 Resp: 410724
Ion Ratio Lower Upper
278 100
139 15.7 12.6 19.0
279 23.9 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 34.832 ng
RT: 17.457 min Scan# 2612
Delta R.T. -0.006 min
Lab File: BF139274.D
Acq: 06 Sep 2024 12:37

Tgt Ion:276 Resp: 416197
Ion Ratio Lower Upper
276 100
277 23.7 18.6 27.8
138 22.0 17.4 26.0

