

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139672.D
 Acq On : 04 Oct 2024 22:09
 Operator : RC/JU
 Sample : P4236-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4MSD

Quant Time: Oct 04 22:57:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	87667	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	322185	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	158285	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	253109	20.000	ng	0.00
76) Chrysene-d12	14.027	240	170633	20.000	ng	0.00
86) Perylene-d12	15.492	264	138029	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	462088	91.358	ng	0.01
7) Phenol-d6	6.504	99	602101	88.520	ng	0.00
23) Nitrobenzene-d5	7.428	82	392618	61.699	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	120835	79.081	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	691214	67.040	ng	0.00
79) Terphenyl-d14	12.968	244	596287	57.340	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	106545	48.722	ng	98
3) Pyridine	3.475	79	255164	47.978	ng	98
4) n-Nitrosodimethylamine	3.440	42	177427	50.967	ng	98
6) Aniline	6.528	93	191522	31.731	ng	# 66
8) 2-Chlorophenol	6.651	128	274122	50.585	ng	99
9) Benzaldehyde	6.416	77	99323	27.566	ng	98
10) Phenol	6.516	94	348054	48.664	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	280803	48.220	ng	99
12) 1,3-Dichlorobenzene	6.804	146	290907	47.719	ng	99
13) 1,4-Dichlorobenzene	6.886	146	293940	47.607	ng	99
14) 1,2-Dichlorobenzene	7.034	146	279339	48.273	ng	99
15) Benzyl Alcohol	7.010	79	247436	47.611	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	496636	49.263	ng	91
17) 2-Methylphenol	7.122	107	219725	48.569	ng	99
18) Hexachloroethane	7.375	117	103648	45.006	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	205368	46.963	ng	99
20) 3+4-Methylphenols	7.275	107	270952	47.684	ng	92
22) Acetophenone	7.275	105	376945	49.289	ng	96
24) Nitrobenzene	7.451	77	313575	47.588	ng	99
25) Isophorone	7.686	82	545678	48.280	ng	99
26) 2-Nitrophenol	7.763	139	142165	50.186	ng	99
27) 2,4-Dimethylphenol	7.804	122	200377	57.781	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	326165	48.328	ng	99
29) 2,4-Dichlorophenol	8.010	162	216434	47.849	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	236671	46.266	ng	99
31) Naphthalene	8.169	128	774388	47.010	ng	99
32) Benzoic acid	7.928	122	143690	41.670	ng	99
33) 4-Chloroaniline	8.233	127	42982	7.708	ng	98
34) Hexachlorobutadiene	8.286	225	154506	46.673	ng	99
35) Caprolactam	8.586	113	57484	38.746	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	227660	44.462	ng	100
37) 2-Methylnaphthalene	8.863	142	494246	46.068	ng	100
38) 1-Methylnaphthalene	8.963	142	447710	42.692	ng	99
40) 1,2,4,5-Tetrachloroben...	9.027	216	228034	51.881	ng	99
41) Hexachlorocyclopentadiene	9.010	237	121817	90.387	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	148466	50.106	ng	98

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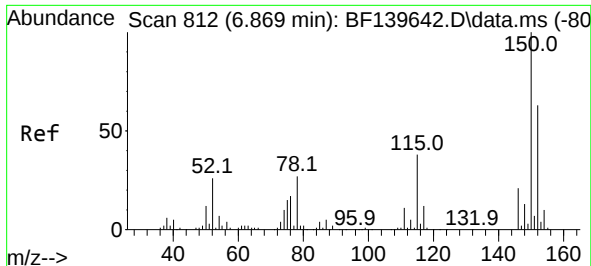
Quant Time: Oct 04 22:57:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	152605	47.758	ng	99
46) 1,1'-Biphenyl	9.322	154	594045	50.459	ng	99
47) 2-Chloronaphthalene	9.351	162	436644	49.474	ng	98
48) 2-Nitroaniline	9.451	65	160758	50.742	ng	99
49) Acenaphthylene	9.763	152	690159	51.420	ng	100
50) Dimethylphthalate	9.622	163	531930	51.337	ng	100
51) 2,6-Dinitrotoluene	9.686	165	109576	46.815	ng	98
52) Acenaphthene	9.939	154	450140	48.853	ng	99
53) 3-Nitroaniline	9.857	138	71560	29.918	ng	99
54) 2,4-Dinitrophenol	9.969	184	60894	48.370	ng	95
55) Dibenzofuran	10.110	168	616462	47.784	ng	99
56) 4-Nitrophenol	10.027	139	157772	86.496	ng	94
57) 2,4-Dinitrotoluene	10.092	165	136810	44.717	ng	98
58) Fluorene	10.451	166	458697	44.640	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	118712	45.997	ng	97
60) Diethylphthalate	10.322	149	522440	48.816	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	232419	45.212	ng	100
62) 4-Nitroaniline	10.469	138	90688	37.066	ng	98
63) Azobenzene	10.604	77	499809	46.438	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	42368	29.638	ng	96
66) n-Nitrosodiphenylamine	10.563	169	401170	53.771	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	132580	51.088	ng	99
68) Hexachlorobenzene	10.998	284	137935	47.899	ng	99
69) Atrazine	11.086	200	124422	62.157	ng	100
70) Pentachlorophenol	11.192	266	150025	87.493	ng	98
71) Phenanthrene	11.416	178	591747	49.584	ng	100
72) Anthracene	11.463	178	605397	51.276	ng	99
73) Carbazole	11.621	167	555906	49.023	ng	99
74) Di-n-butylphthalate	11.945	149	715520	51.889	ng	100
75) Fluoranthene	12.604	202	633099	48.528	ng	99
77) Benzidine	12.727	184	276450	91.851	ng	100
78) Pyrene	12.833	202	654453	42.883	ng	100
80) Butylbenzylphthalate	13.445	149	280571	51.398	ng	99
81) Benzo(a)anthracene	14.015	228	578295	51.548	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	176587	51.433	ng	98
83) Chrysene	14.057	228	497161	48.473	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	394889	57.932	ng	100
85) Di-n-octyl phthalate	14.615	149	650425	64.951	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	363172	44.703	ng	100
88) Benzo(b)fluoranthene	15.068	252	432026	48.408	ng	99
89) Benzo(k)fluoranthene	15.098	252	407946	53.886	ng	99
90) Benzo(a)pyrene	15.433	252	371730	52.824	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	302708	44.924	ng	99
92) Benzo(g,h,i)perylene	17.409	276	271409	40.163	ng	99

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

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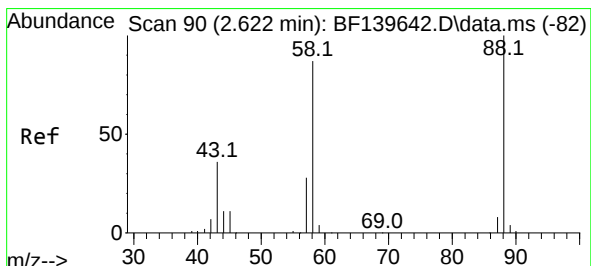
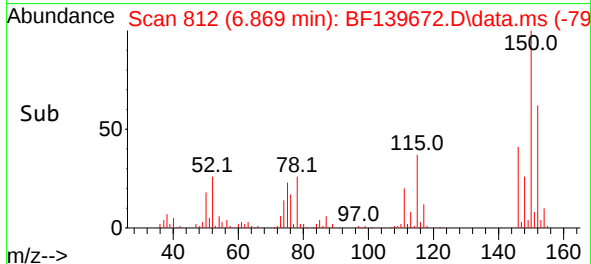
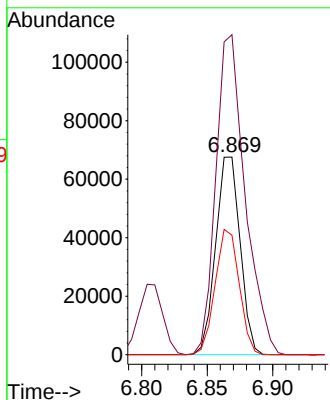
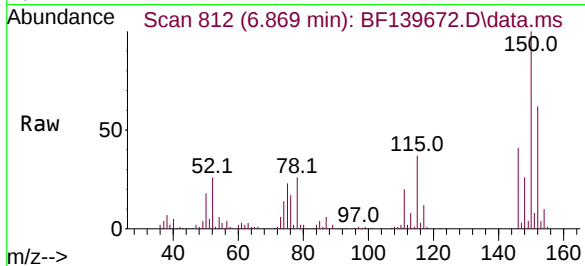




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 812
 Delta R.T. -0.000 min
 Lab File: BF139672.D
 Acq: 04 Oct 2024 22:09

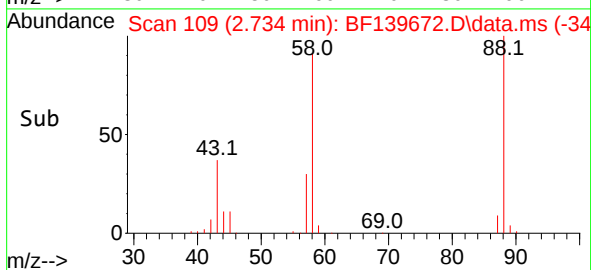
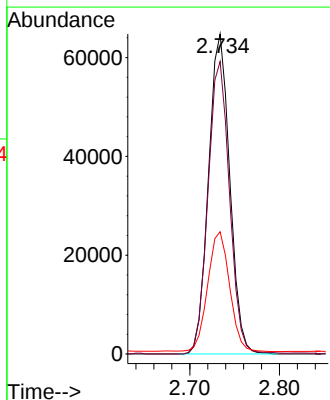
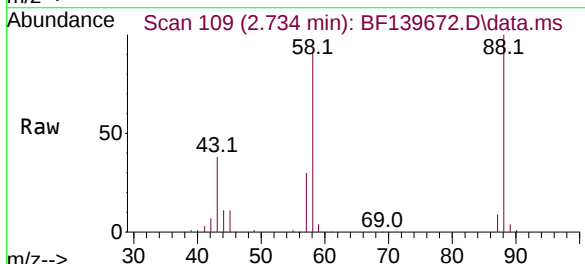
Instrument :
 BNA_F
 ClientSampleId :
 TP4MSD

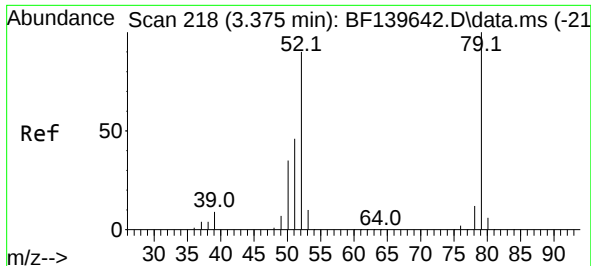
Tgt Ion:152 Resp: 87667
 Ion Ratio Lower Upper
 152 100
 150 161.9 127.2 190.8
 115 60.5 49.0 73.4



#2
 1,4-Dioxane
 Concen: 48.722 ng
 RT: 2.734 min Scan# 109
 Delta R.T. 0.094 min
 Lab File: BF139672.D
 Acq: 04 Oct 2024 22:09

Tgt Ion: 88 Resp: 106545
 Ion Ratio Lower Upper
 88 100
 58 92.6 72.0 108.0
 43 38.8 30.8 46.2





#3

Pyridine

Concen: 47.978 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

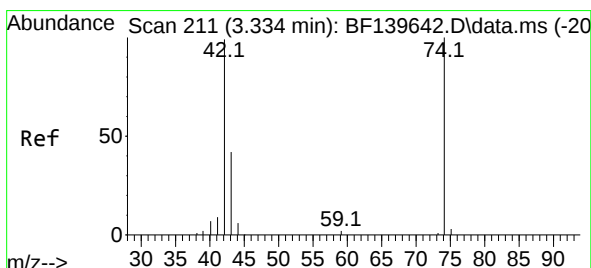
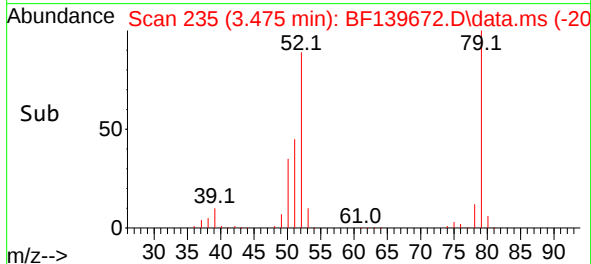
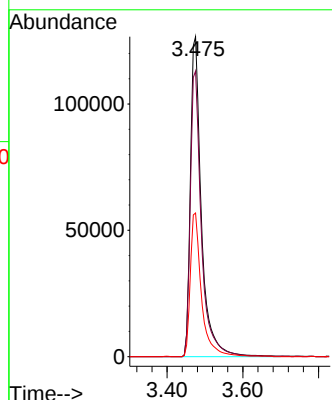
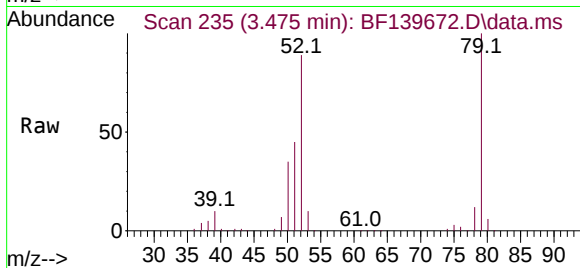
Tgt Ion: 79 Resp: 255164

Ion Ratio Lower Upper

79 100

52 89.2 72.6 109.0

51 44.9 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 50.967 ng

RT: 3.440 min Scan# 229

Delta R.T. 0.088 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

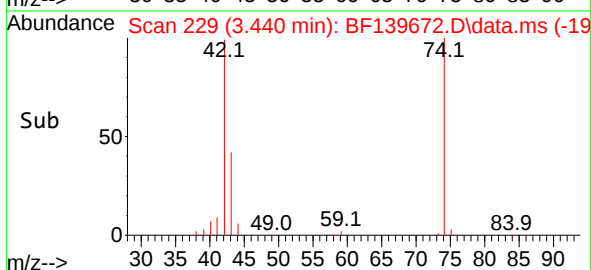
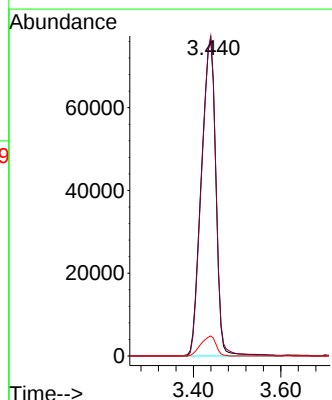
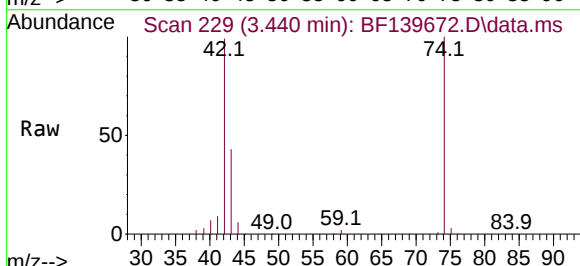
Tgt Ion: 42 Resp: 177427

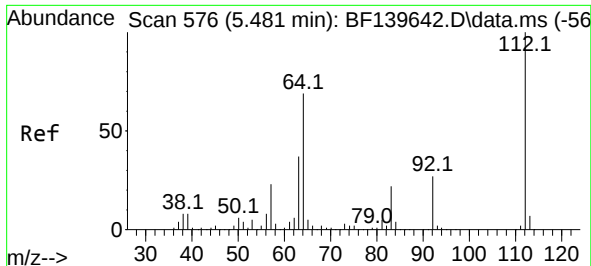
Ion Ratio Lower Upper

42 100

74 101.0 79.0 118.6

44 6.3 5.2 7.8

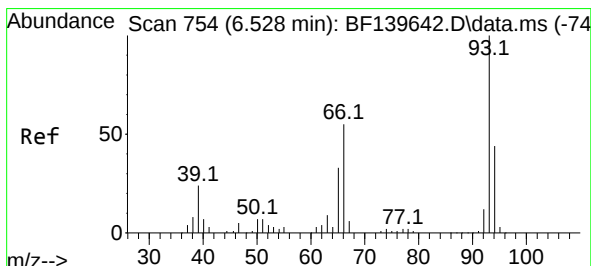
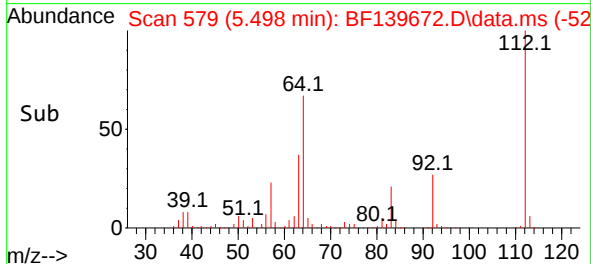
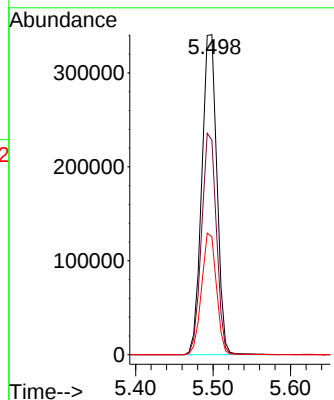
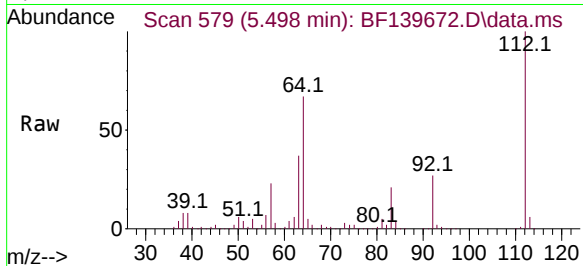




#5
2-Fluorophenol
Concen: 91.358 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

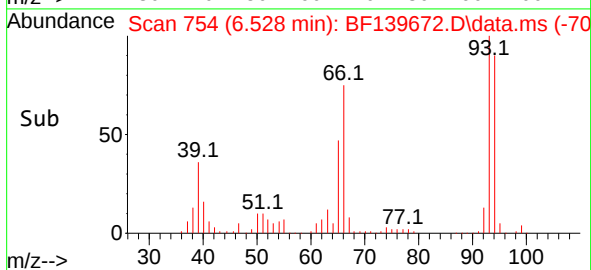
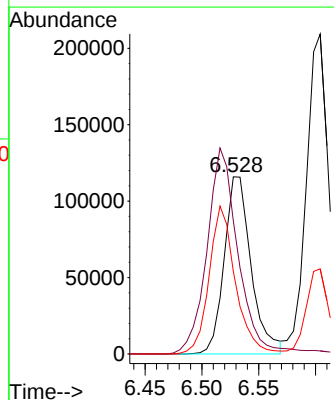
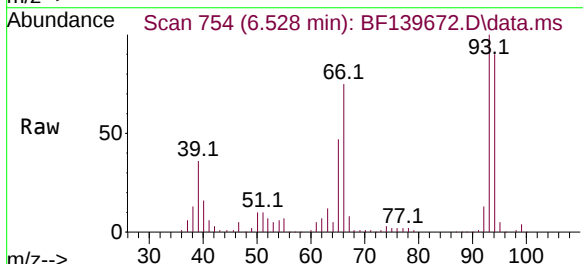
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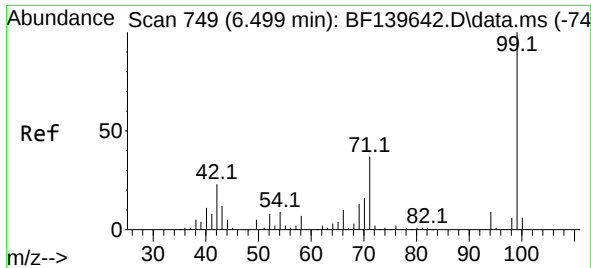
Tgt Ion:112 Resp: 462088
Ion Ratio Lower Upper
112 100
64 67.0 54.2 81.4
63 36.8 29.4 44.2



#6
Aniline
Concen: 31.731 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion: 93 Resp: 191522
Ion Ratio Lower Upper
93 100
66 75.2 40.9 61.3#
65 46.6 23.3 34.9#





#7

Phenol-d6

Concen: 88.520 ng

RT: 6.504 min Scan# 749

Delta R.T. -0.000 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

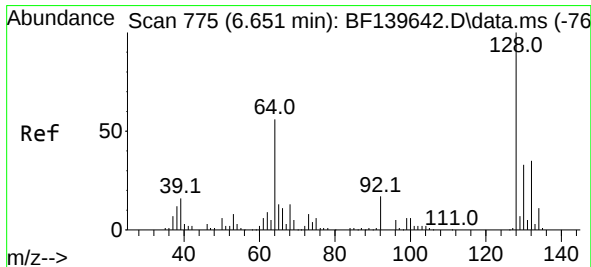
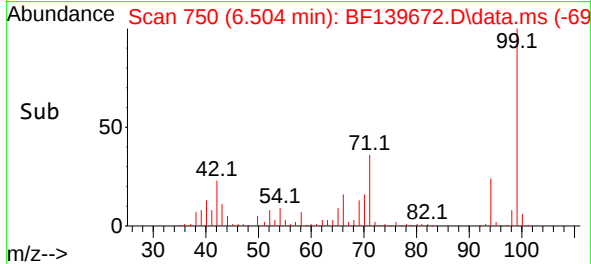
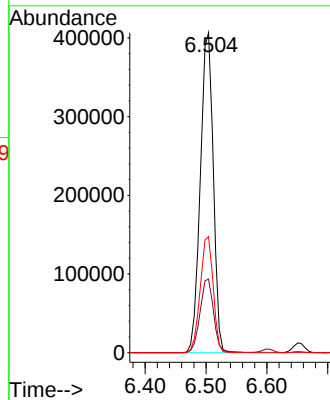
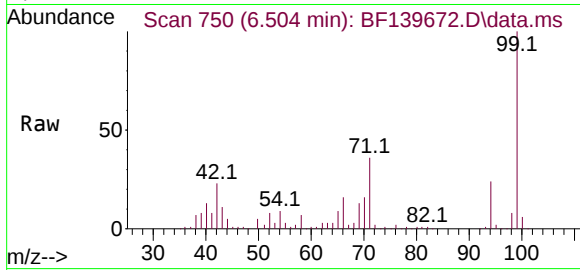
Tgt Ion: 99 Resp: 602101

Ion Ratio Lower Upper

99 100

42 23.0 19.1 28.7

71 36.3 29.7 44.5



#8

2-Chlorophenol

Concen: 50.585 ng

RT: 6.651 min Scan# 775

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

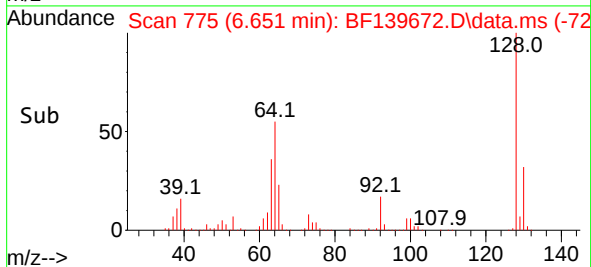
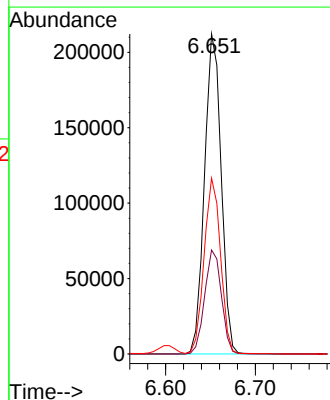
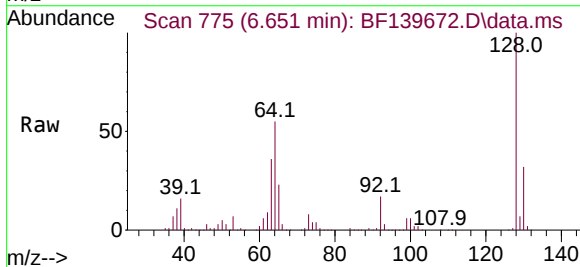
Tgt Ion: 128 Resp: 274122

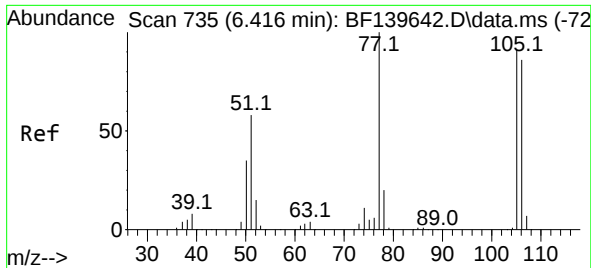
Ion Ratio Lower Upper

128 100

130 32.5 13.2 53.2

64 54.9 35.1 75.1





#9

Benzaldehyde

Concen: 27.566 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

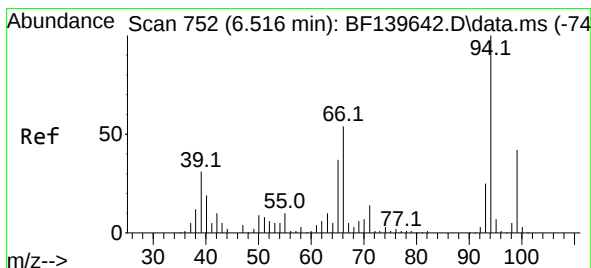
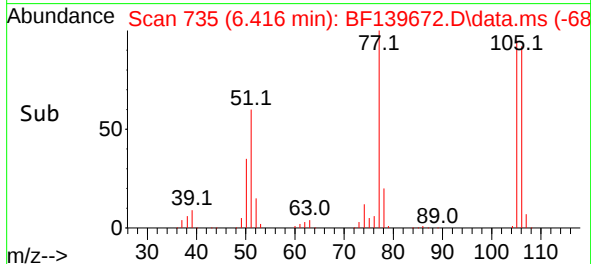
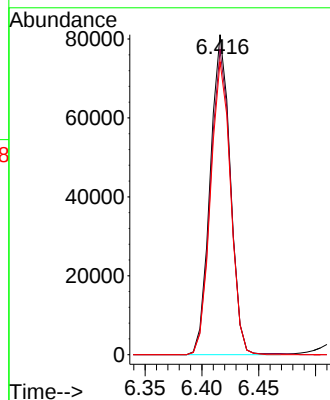
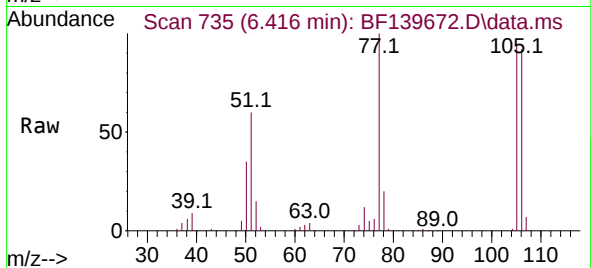
Tgt Ion: 77 Resp: 99323

Ion Ratio Lower Upper

77 100

105 95.2 72.7 112.7

106 91.6 70.1 110.1



#10

Phenol

Concen: 48.664 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

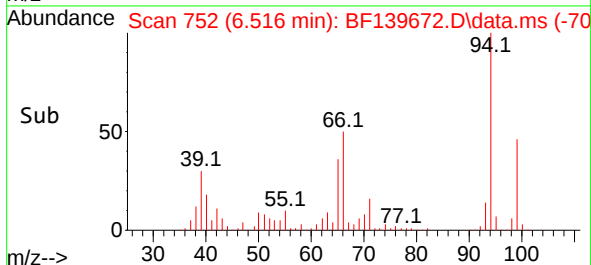
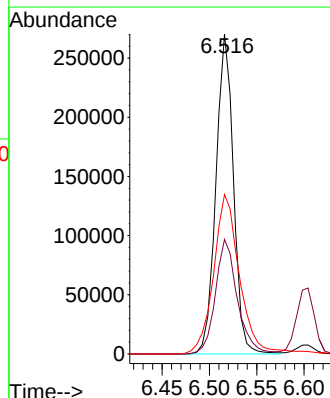
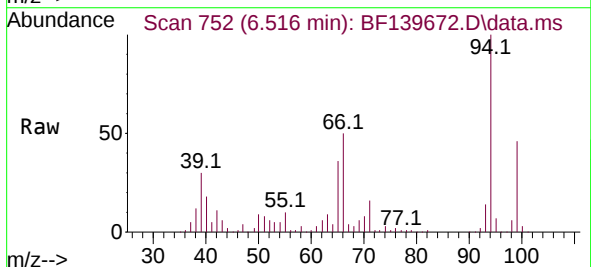
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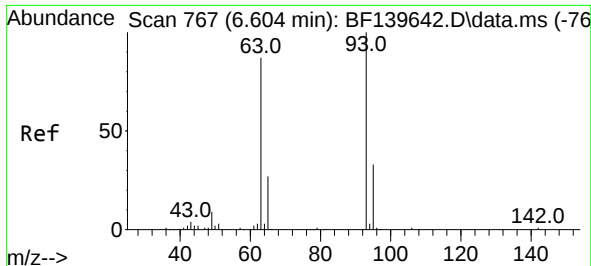
Ion Ratio Lower Upper

94 100

65 35.8 15.3 55.3

66 49.8 30.5 70.5

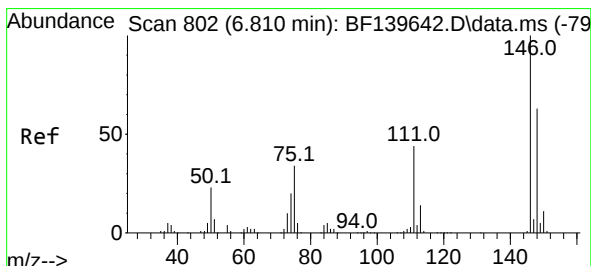
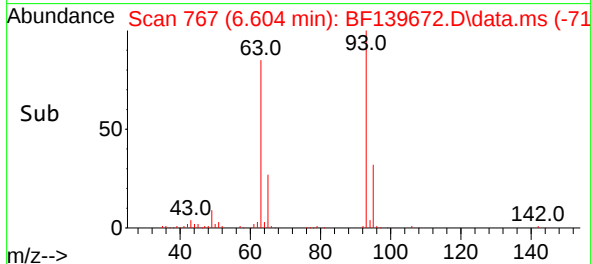
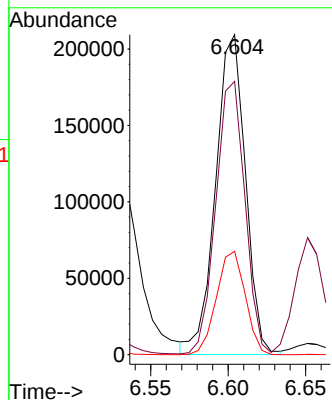
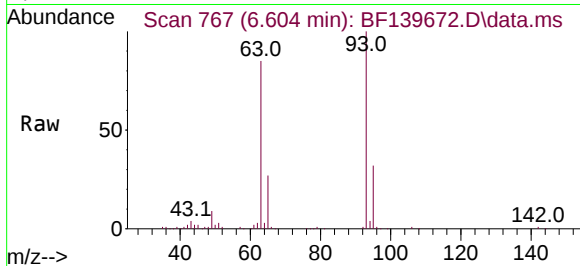




#11
bis(2-Chloroethyl)ether
Concen: 48.220 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

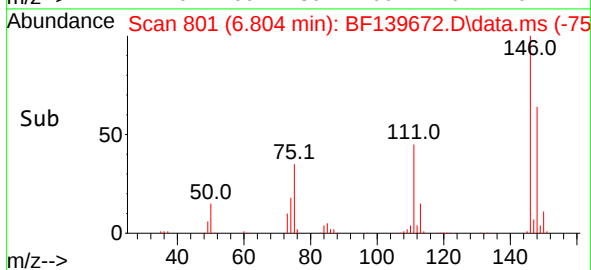
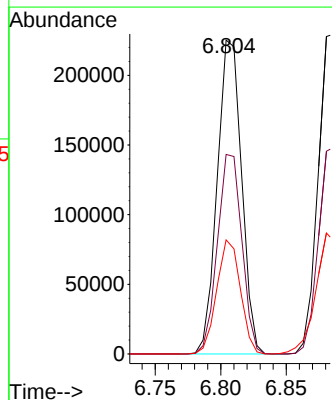
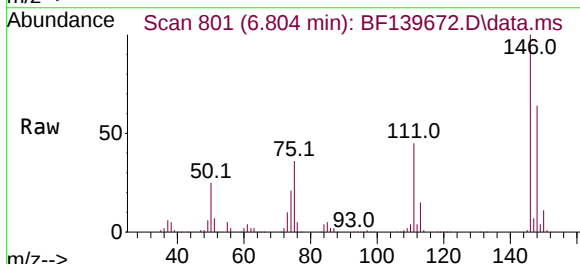
Instrument :
BNA_F
ClientSampleId :
TP4MSD

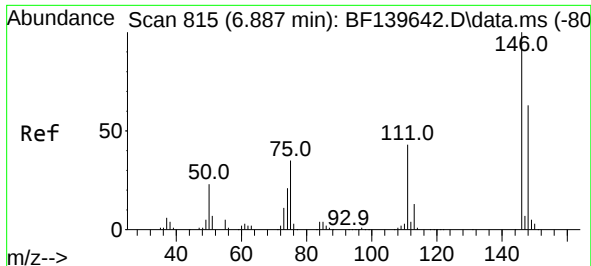
Tgt Ion: 93 Resp: 280803
Ion Ratio Lower Upper
93 100
63 85.4 64.1 104.1
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 47.719 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion:146 Resp: 290907
Ion Ratio Lower Upper
146 100
148 63.5 50.2 75.4
75 36.3 28.5 42.7

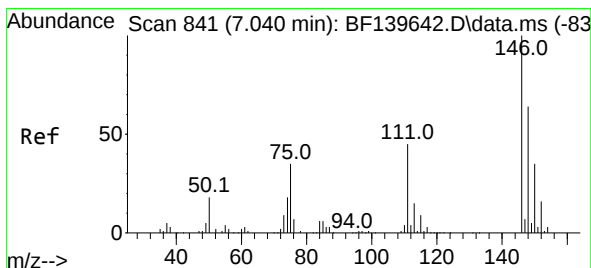
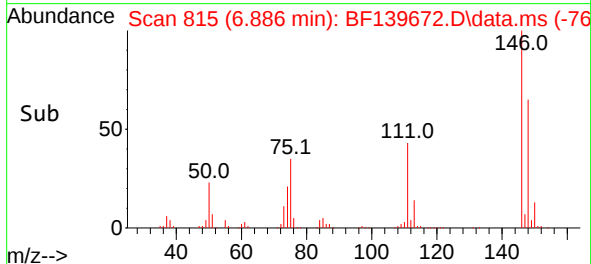
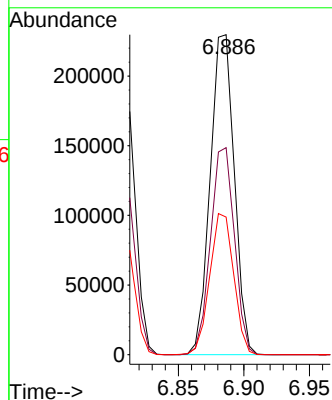
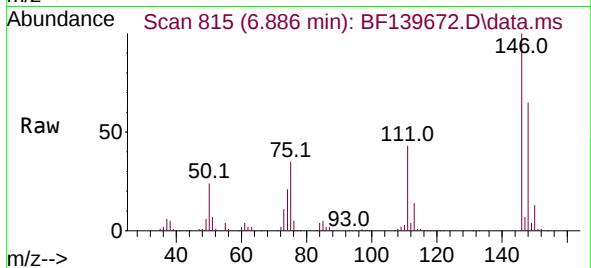




#13
1,4-Dichlorobenzene
Concen: 47.607 ng
RT: 6.886 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

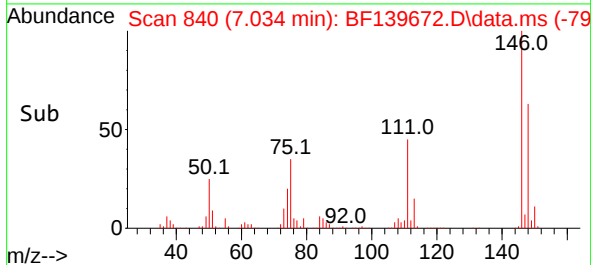
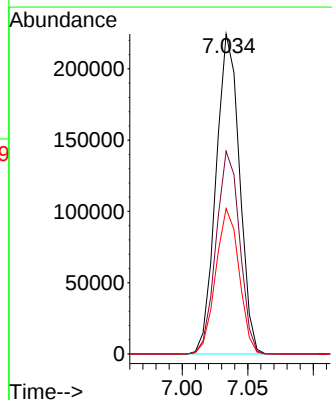
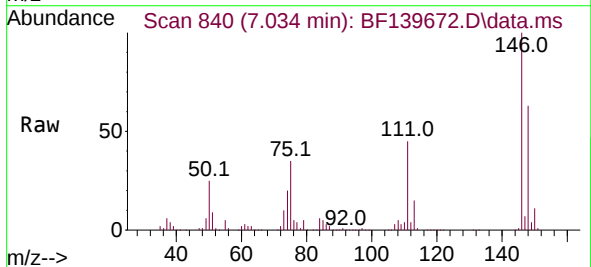
Instrument :
BNA_F
ClientSampleId :
TP4MSD

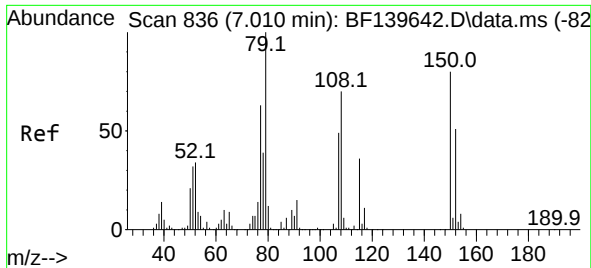
Tgt Ion:146 Resp: 293940
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.6
111 43.0 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 48.273 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

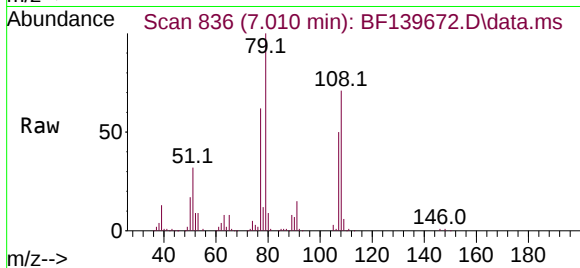
Tgt Ion:146 Resp: 279339
Ion Ratio Lower Upper
146 100
148 63.4 51.2 76.8
111 45.4 37.0 55.6



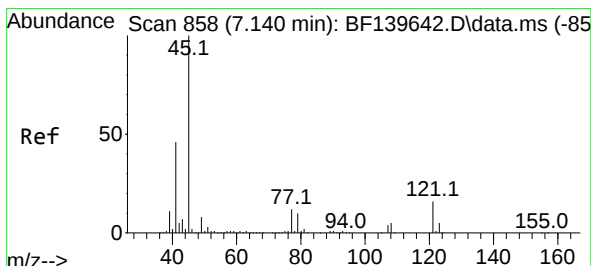
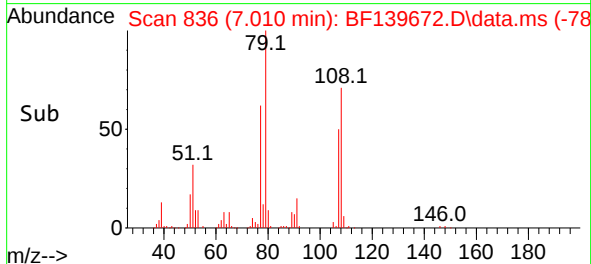
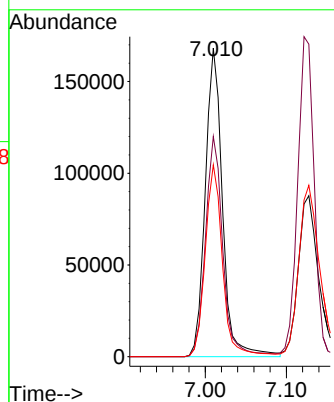


#15
Benzyl Alcohol
Concen: 47.611 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Instrument :
BNA_F
ClientSampleId :
TP4MSD

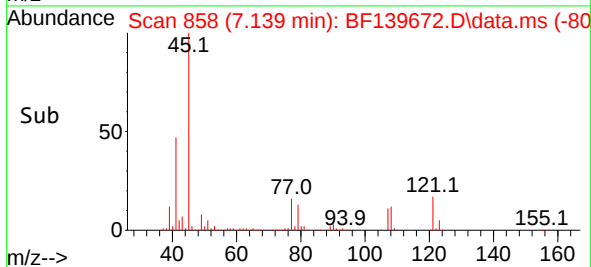
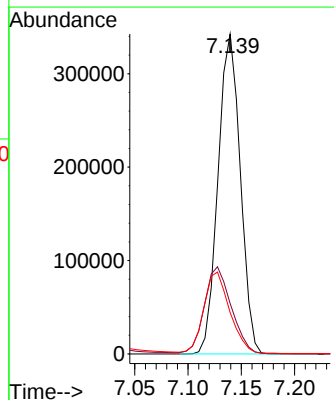
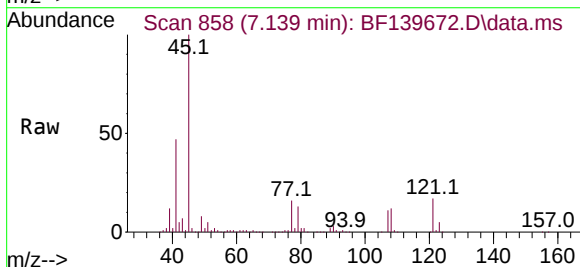


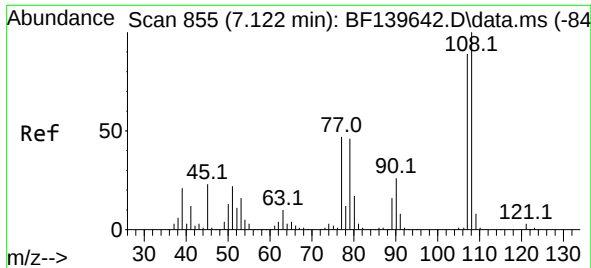
Tgt Ion: 79 Resp: 247436
Ion Ratio Lower Upper
79 100
108 71.3 55.1 82.7
77 62.1 50.8 76.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 49.263 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion: 45 Resp: 496636
Ion Ratio Lower Upper
45 100
77 15.8 0.0 32.5
79 12.9 0.0 29.7

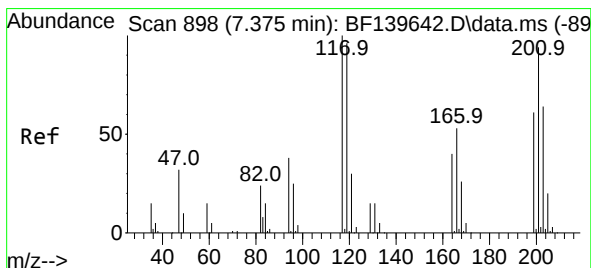
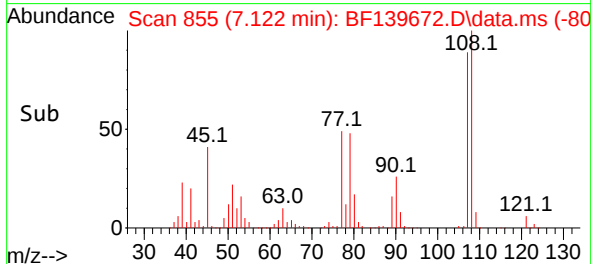
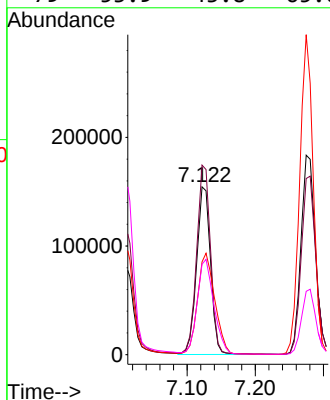
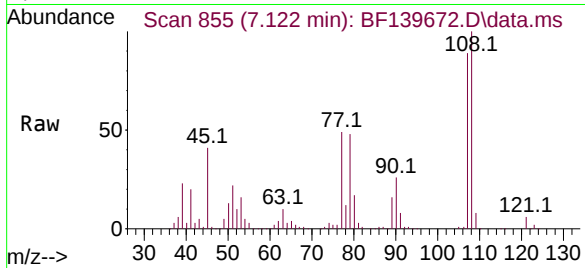




#17
2-Methylphenol
Concen: 48.569 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

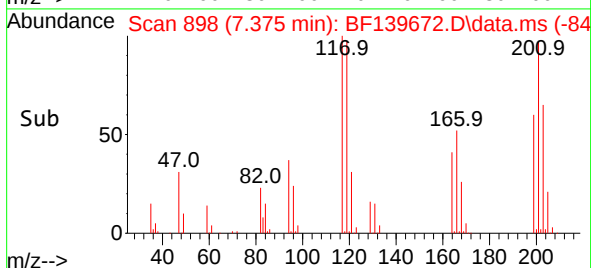
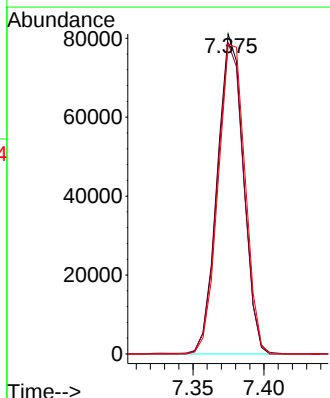
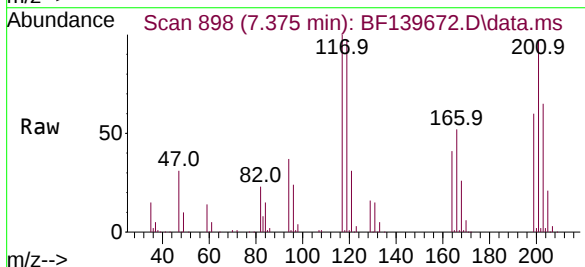
Instrument :
BNA_F
ClientSampleId :
TP4MSD

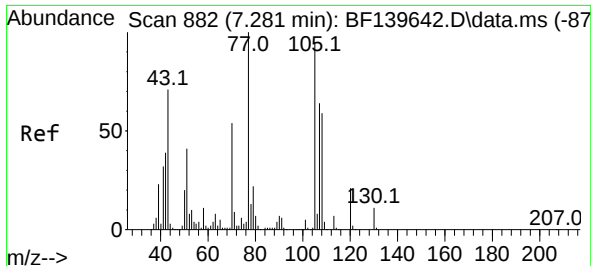
Tgt Ion:	107	Resp:	219725
Ion	Ratio	Lower	Upper
107	100		
108	112.9	89.8	134.6
77	55.3	44.6	67.0
79	53.9	43.8	65.6



#18
Hexachloroethane
Concen: 45.006 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion:	117	Resp:	103648
Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.0	115.6
201	96.9	79.2	118.8



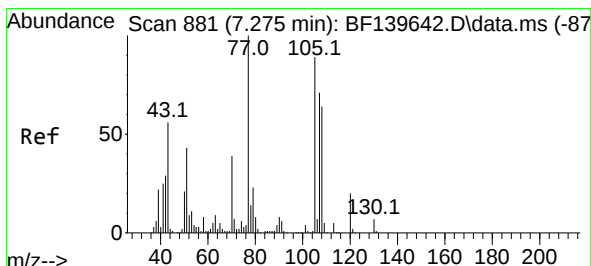
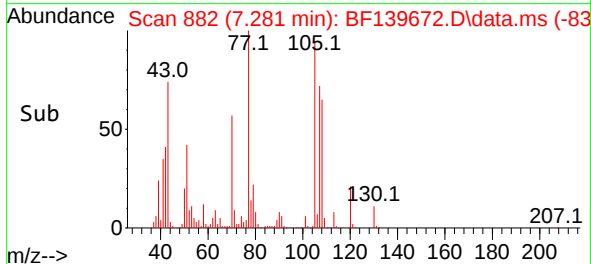
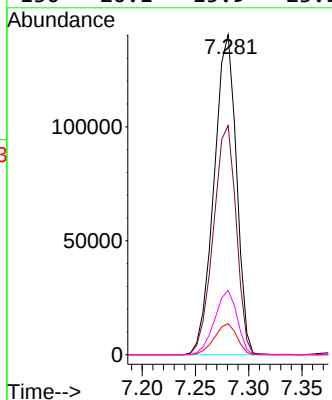
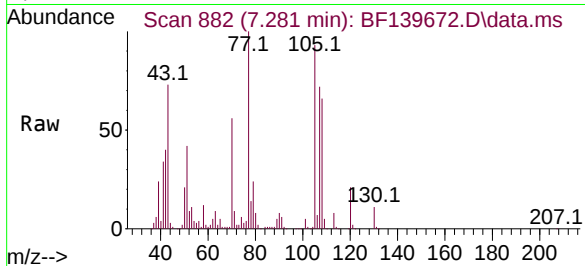


#19
n-Nitroso-di-n-propylamine
Concen: 46.963 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Instrument :
BNA_F
ClientSampleId :
TP4MSD

Tgt Ion: 70 Resp: 205368

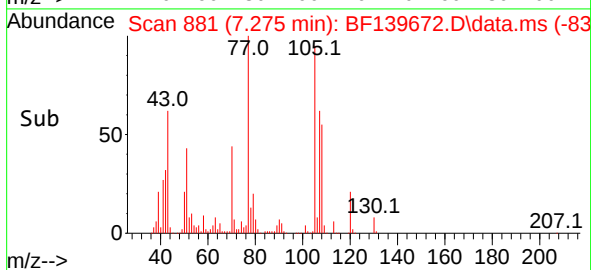
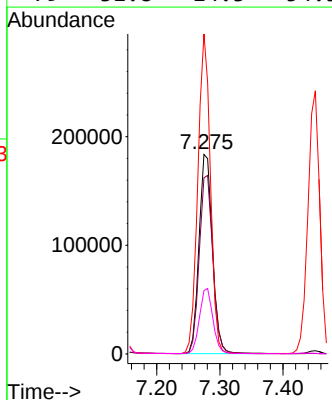
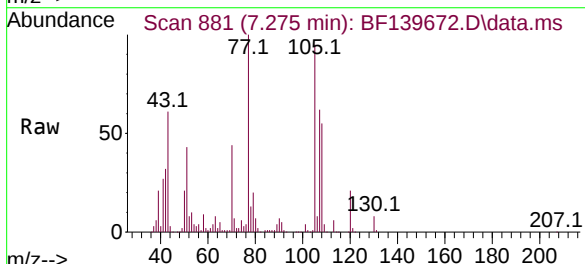
Ion	Ratio	Lower	Upper
70	100		
42	71.6	58.0	87.0
101	9.7	7.8	11.8
130	20.1	15.9	23.9

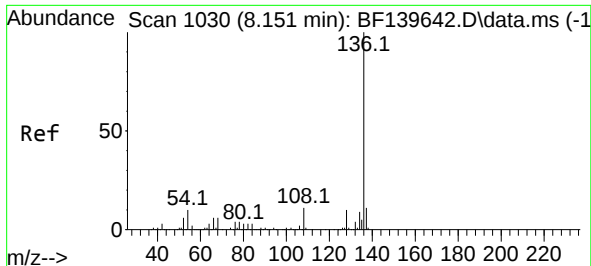


#20
3+4-Methylphenols
Concen: 47.684 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion: 107 Resp: 270952

Ion	Ratio	Lower	Upper
107	100		
108	88.3	70.2	110.2
77	160.3	125.3	165.3
79	31.8	14.3	54.3

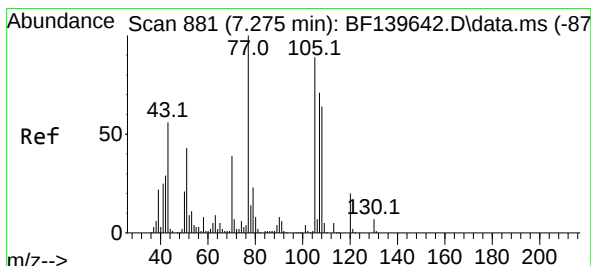
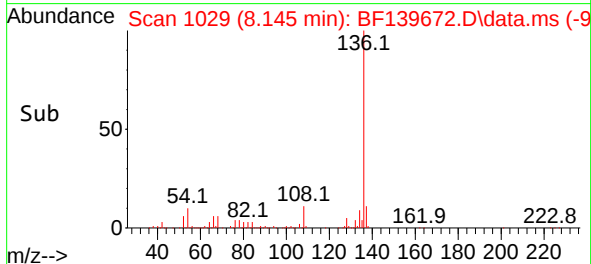
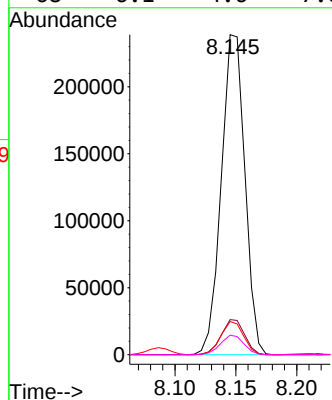
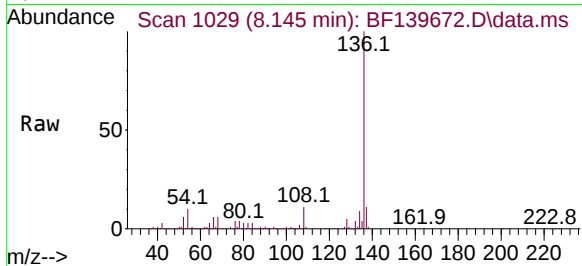




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

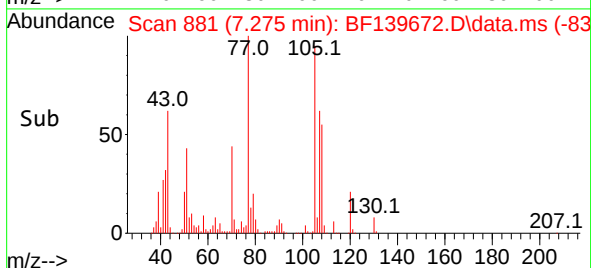
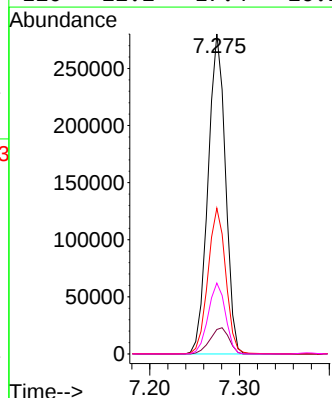
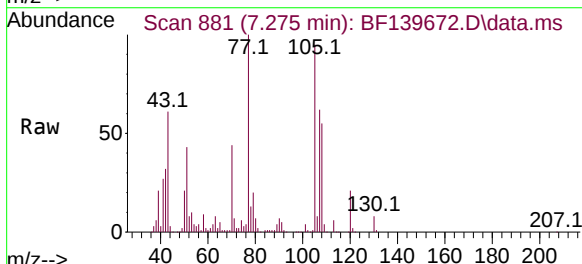
Instrument :
BNA_F
ClientSampleId :
TP4MSD

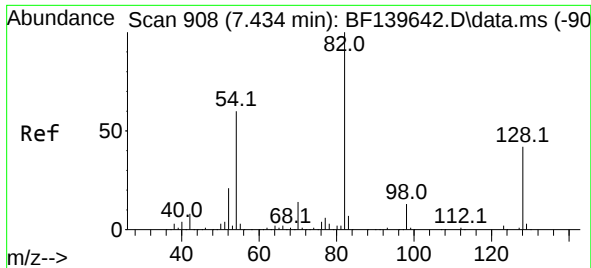
Tgt Ion:136	Resp:	322185	
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.4	8.3	12.5
68	6.1	4.6	7.0



#22
Acetophenone
Concen: 49.289 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt	Ion:105	Resp:	376945
Ion	Ratio	Lower	Upper
105	100		
71	7.6	6.6	10.0
51	45.6	39.4	59.0
120	22.2	17.4	26.2

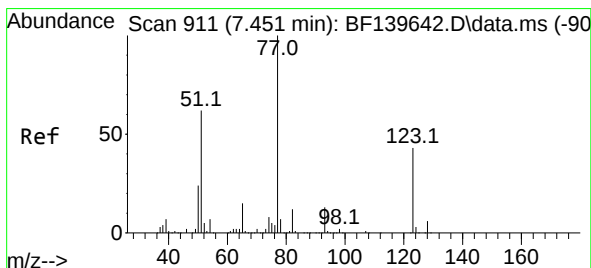
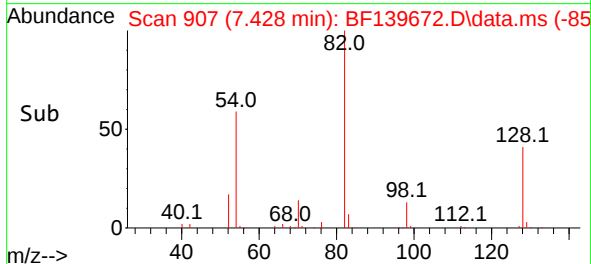
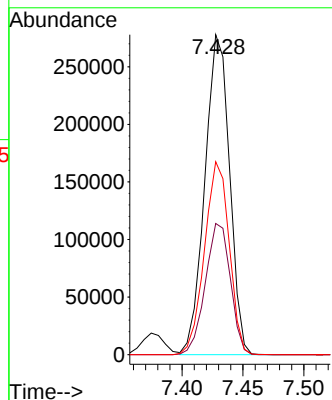
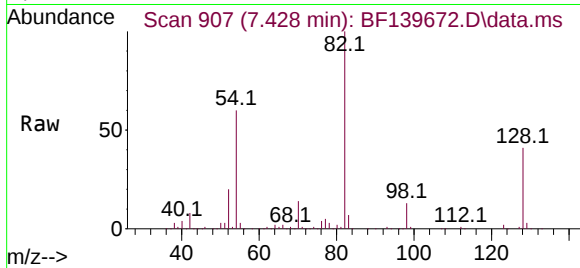




#23
Nitrobenzene-d5
Concen: 61.699 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

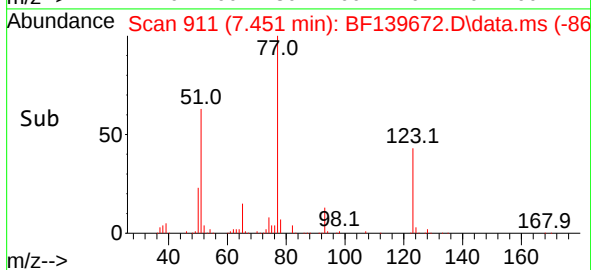
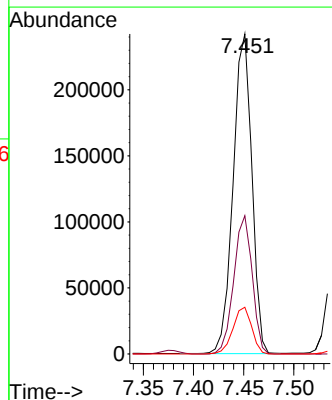
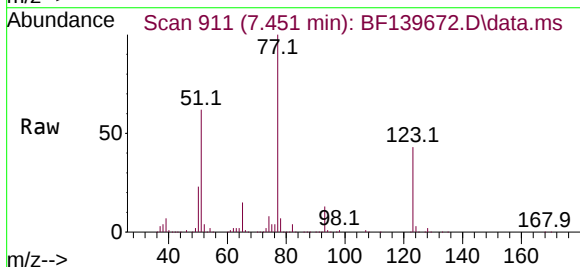
Instrument :
BNA_F
ClientSampleId :
TP4MSD

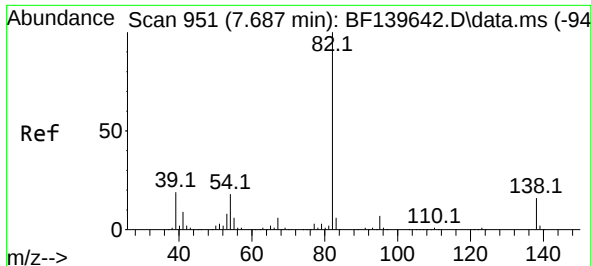
Tgt Ion: 82 Resp: 392618
Ion Ratio Lower Upper
82 100
128 41.0 32.4 48.6
54 60.3 49.1 73.7



#24
Nitrobenzene
Concen: 47.588 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion: 77 Resp: 313575
Ion Ratio Lower Upper
77 100
123 43.2 34.2 51.4
65 14.6 12.1 18.1

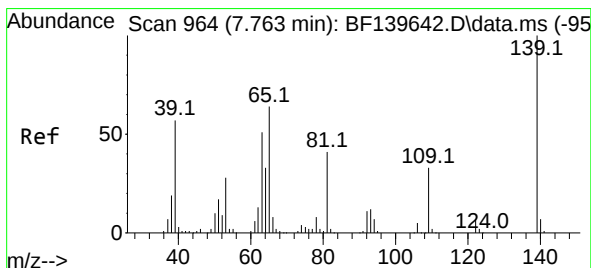
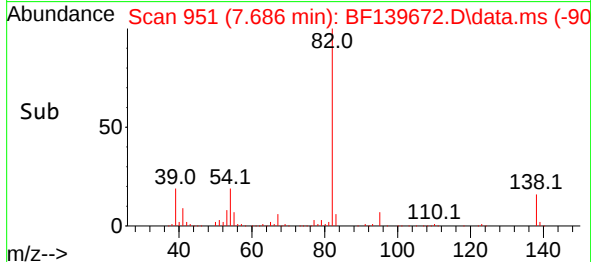
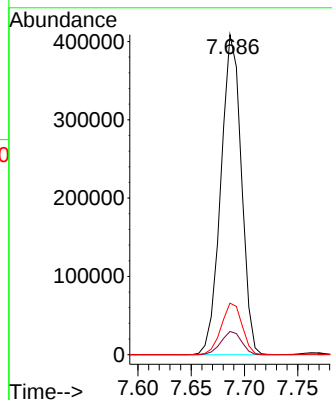
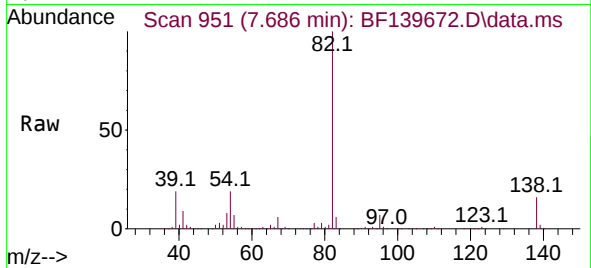




#25
Isophorone
Concen: 48.280 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

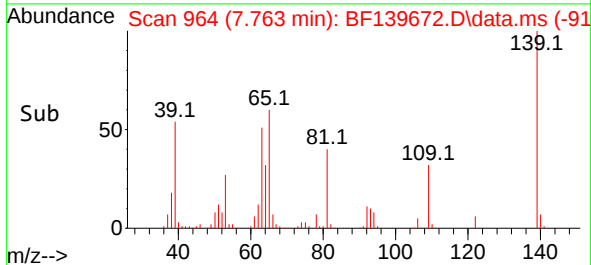
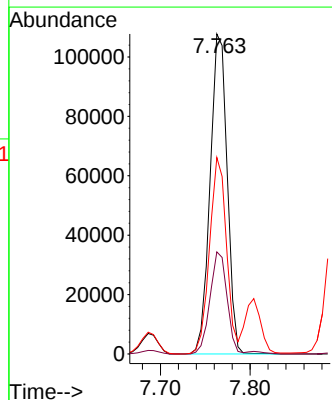
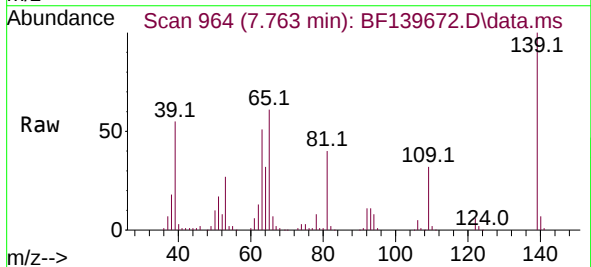
Instrument :
BNA_F
ClientSampleId :
TP4MSD

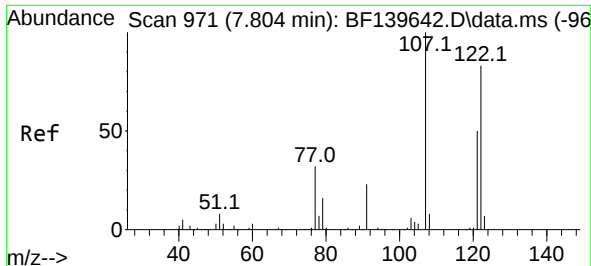
Tgt Ion: 82 Resp: 545678
Ion Ratio Lower Upper
82 100
95 7.2 6.1 9.1
138 16.1 13.4 20.2



#26
2-Nitrophenol
Concen: 50.186 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion:139 Resp: 142165
Ion Ratio Lower Upper
139 100
109 31.9 24.9 37.3
65 61.4 48.6 72.8

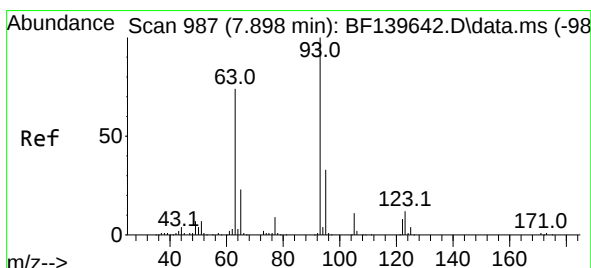
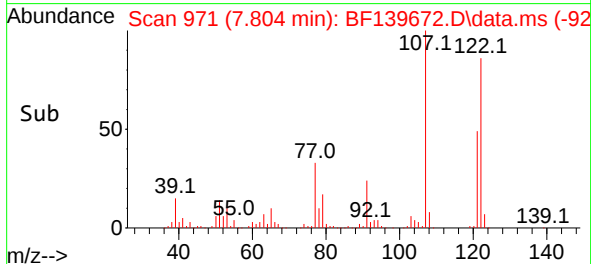
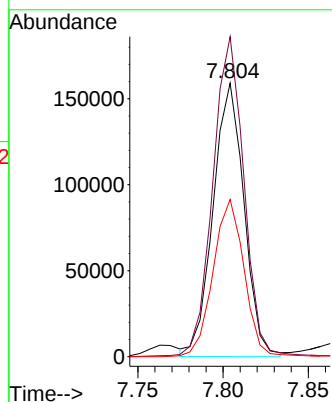
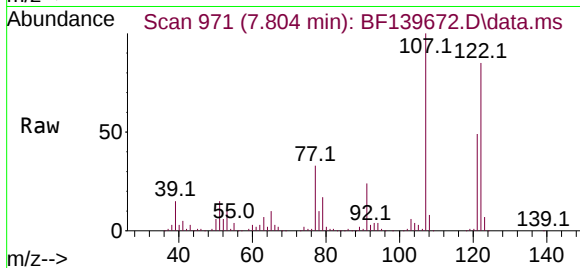




#27
2,4-Dimethylphenol
Concen: 57.781 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

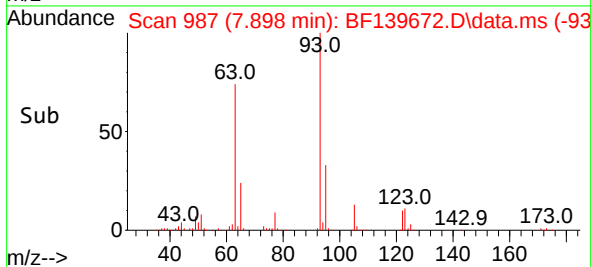
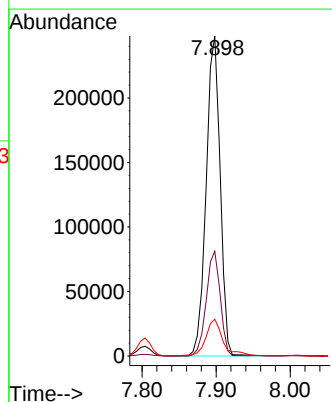
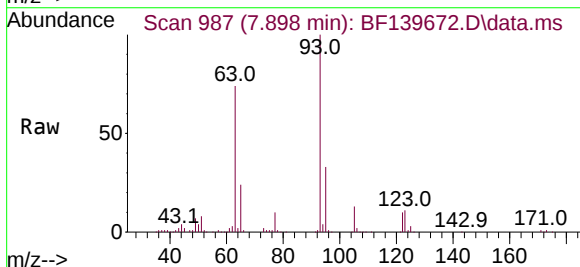
Instrument :
BNA_F
ClientSampleId :
TP4MSD

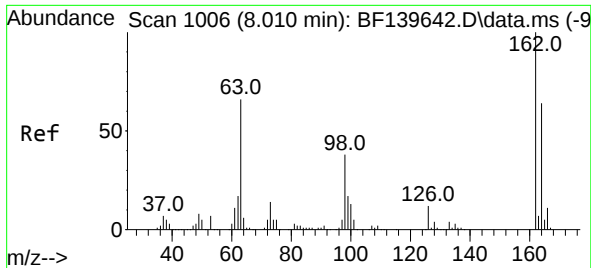
Tgt Ion:122 Resp: 200377
Ion Ratio Lower Upper
122 100
107 117.0 95.4 143.0
121 57.5 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 48.328 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion: 93 Resp: 326165
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.849 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

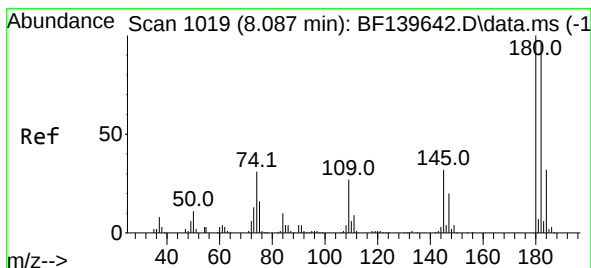
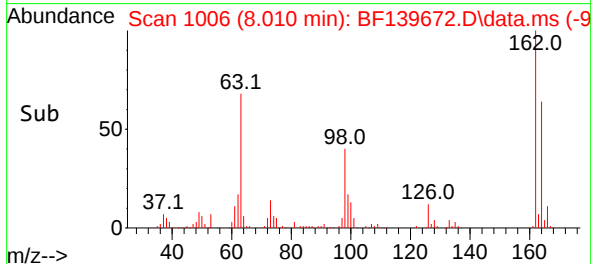
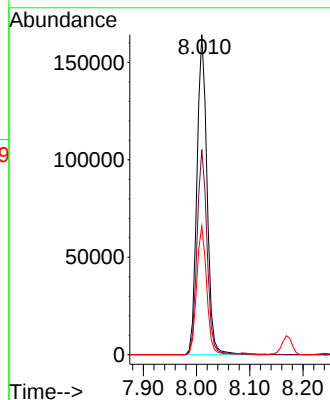
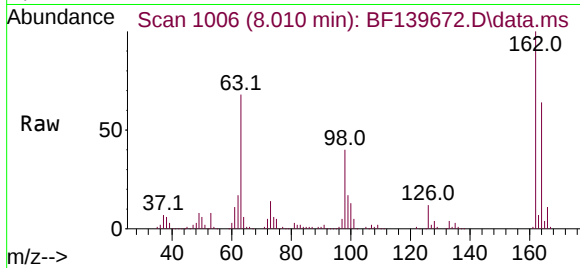
Tgt Ion:162 Resp: 216434

Ion Ratio Lower Upper

162 100

164 64.1 43.1 83.1

98 40.2 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 46.266 ng

RT: 8.086 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

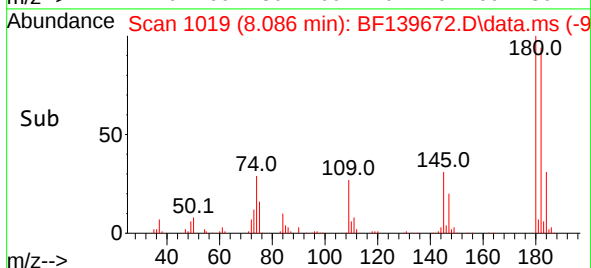
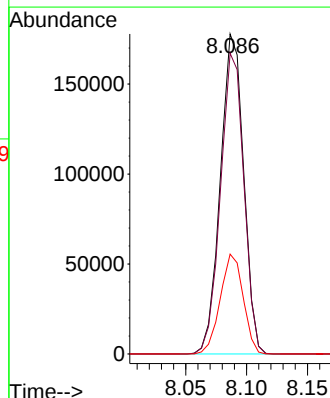
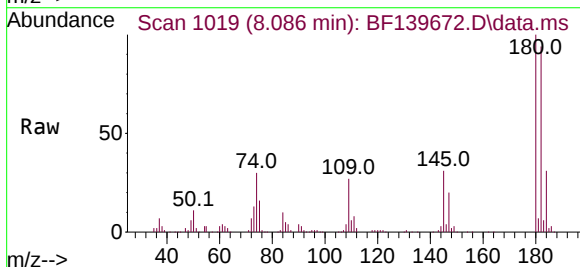
Tgt Ion:180 Resp: 236671

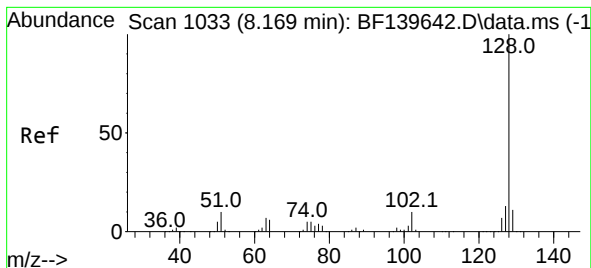
Ion Ratio Lower Upper

180 100

182 94.0 76.0 114.0

145 31.2 25.0 37.6





#31

Naphthalene

Concen: 47.010 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

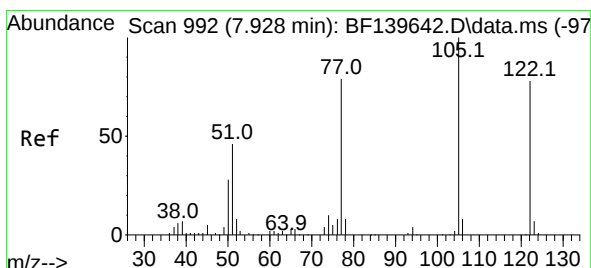
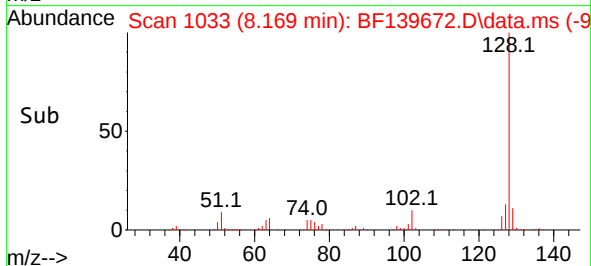
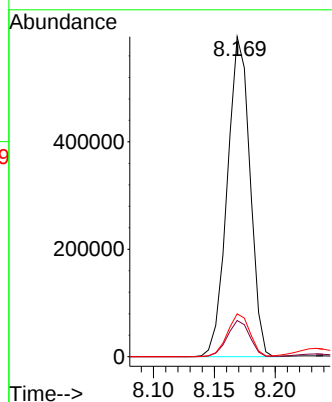
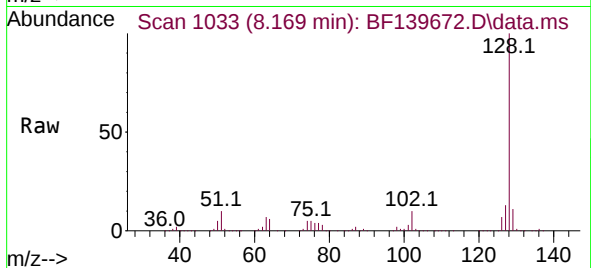
Tgt Ion:128 Resp: 774388

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.4 10.5 15.7



#32

Benzoic acid

Concen: 41.670 ng

RT: 7.928 min Scan# 992

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

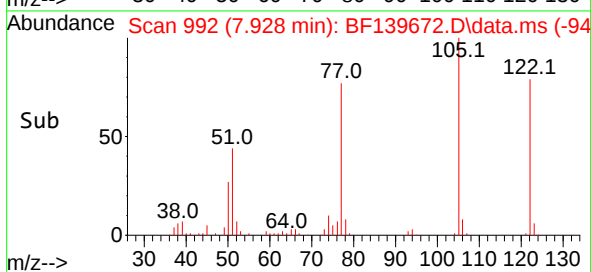
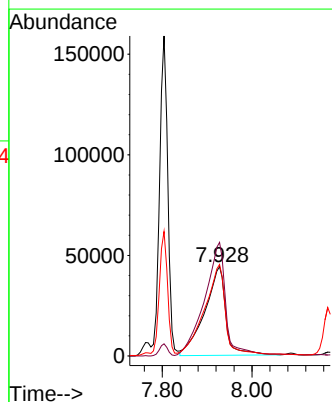
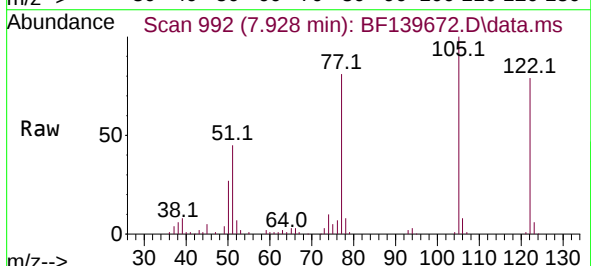
Tgt Ion:122 Resp: 143690

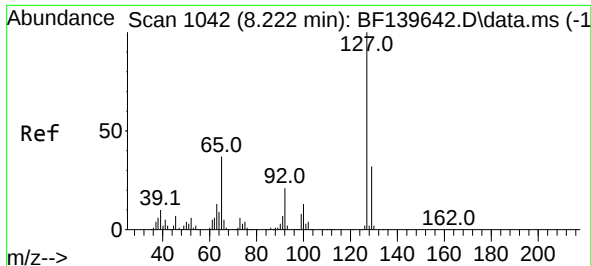
Ion Ratio Lower Upper

122 100

105 127.2 104.9 144.9

77 102.6 82.7 122.7

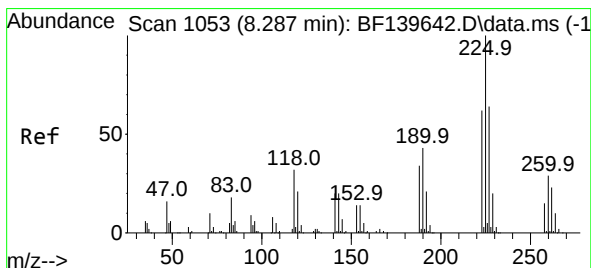
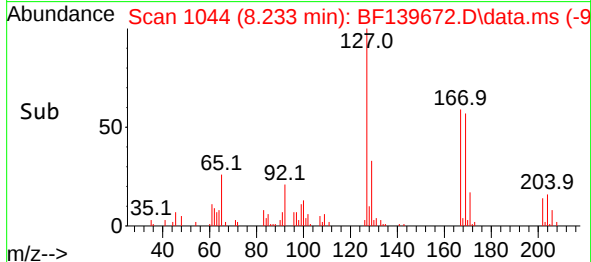
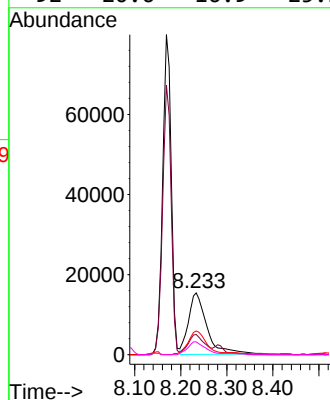
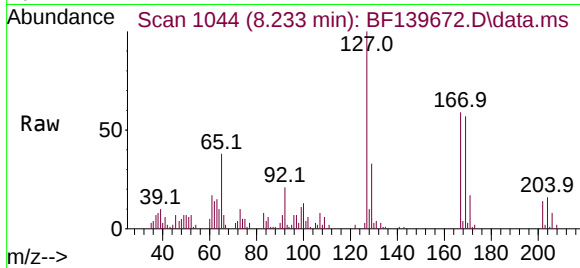




#33
4-Chloroaniline
Concen: 7.708 ng
RT: 8.233 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

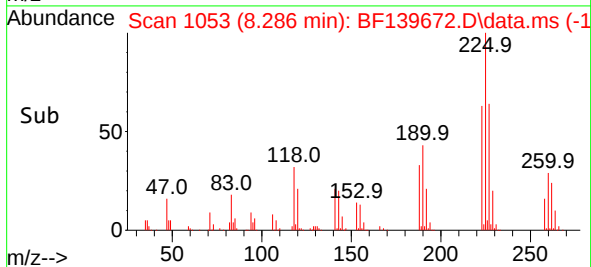
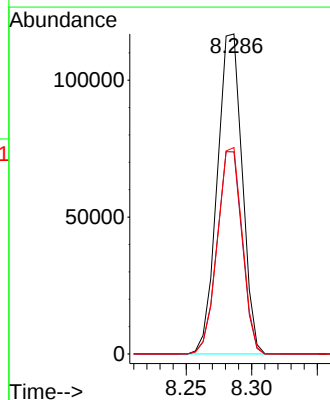
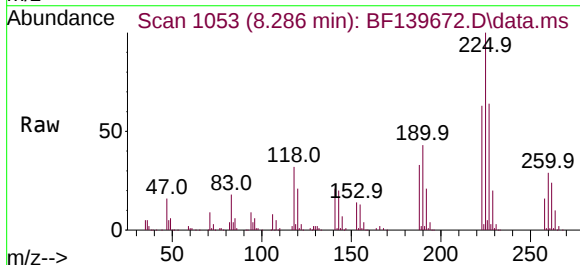
Instrument :
BNA_F
ClientSampleId :
TP4MSD

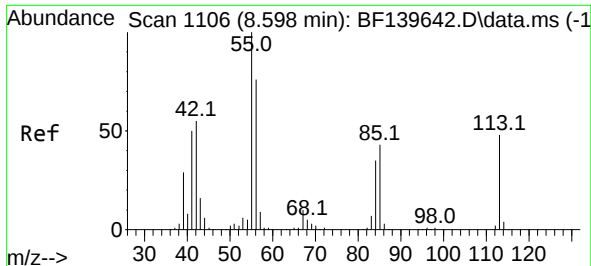
Tgt Ion:	127	Resp:	42982
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	38.4	29.3	43.9
92	20.6	16.9	25.3



#34
Hexachlorobutadiene
Concen: 46.673 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion:	225	Resp:	154506
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.9	76.3
227	64.5	50.7	76.1

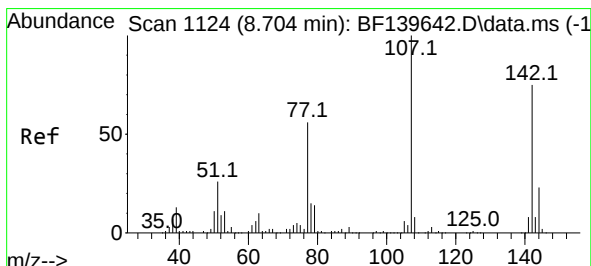
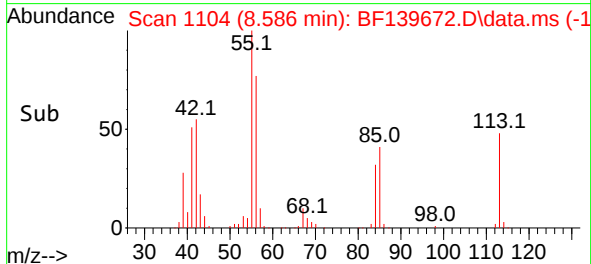
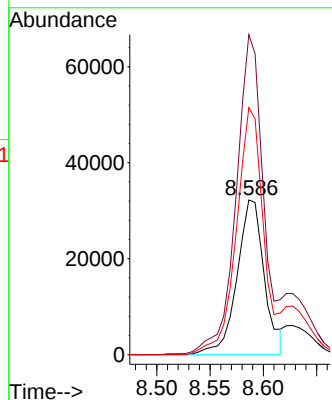
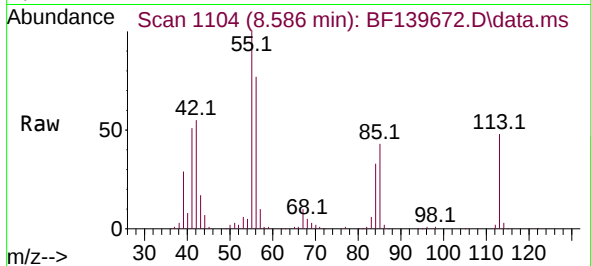




#35
Caprolactam
Concen: 38.746 ng
RT: 8.586 min Scan# 1106
Delta R.T. -0.012 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

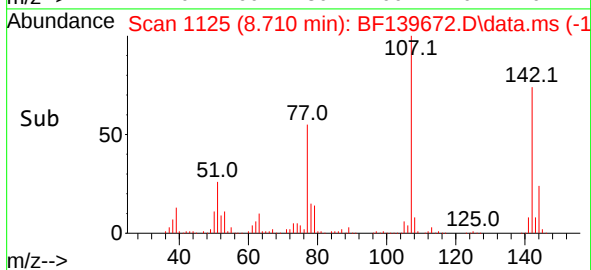
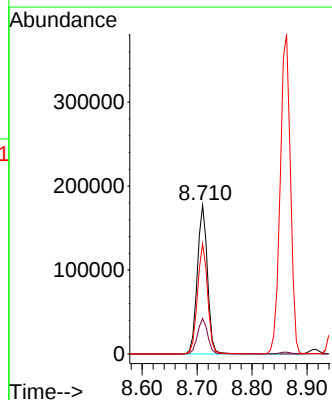
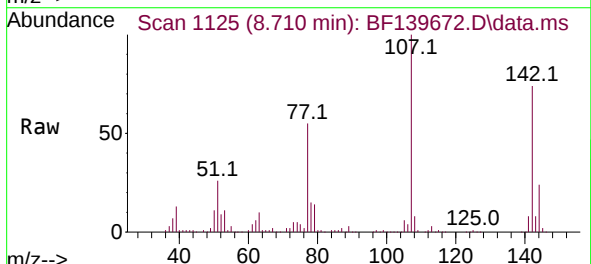
Instrument :
BNA_F
ClientSampleId :
TP4MSD

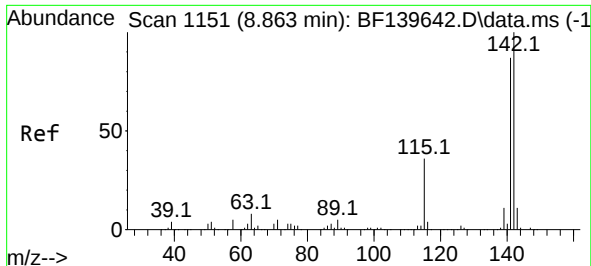
Tgt Ion:113 Resp: 57484
Ion Ratio Lower Upper
113 100
55 206.7 193.4 233.4
56 159.6 143.8 183.8



#36
4-Chloro-3-methylphenol
Concen: 44.462 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion:107 Resp: 227660
Ion Ratio Lower Upper
107 100
144 23.8 19.0 28.6
142 74.1 59.2 88.8





#37

2-Methylnaphthalene

Concen: 46.068 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

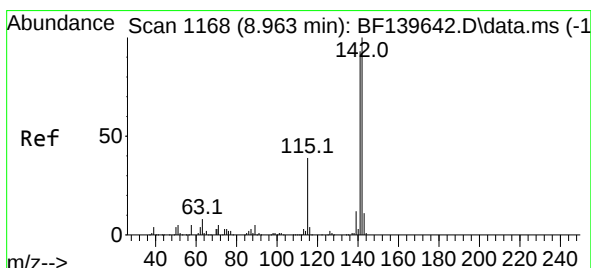
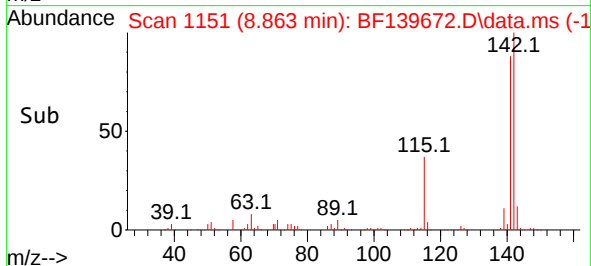
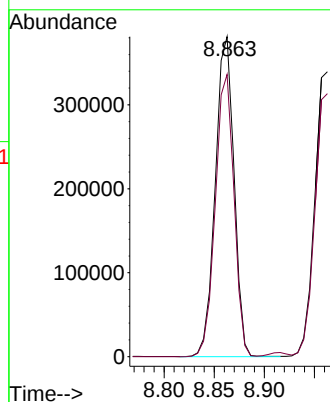
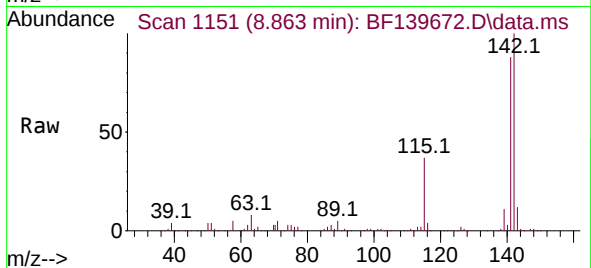
TP4MSD

Tgt Ion:142 Resp: 494246

Ion Ratio Lower Upper

142 100

141 88.2 70.4 105.6



#38

1-Methylnaphthalene

Concen: 42.692 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF139672.D

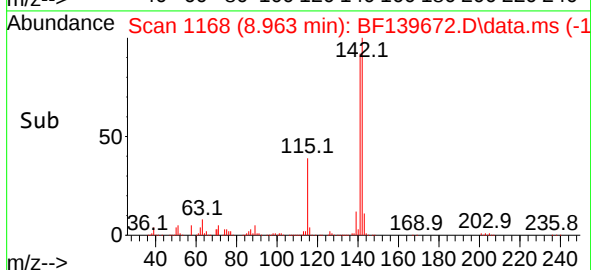
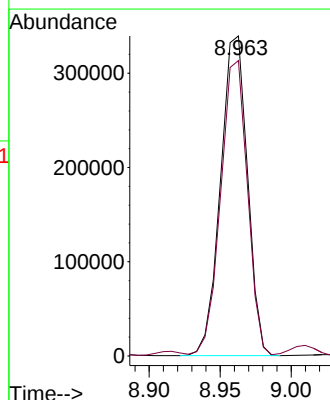
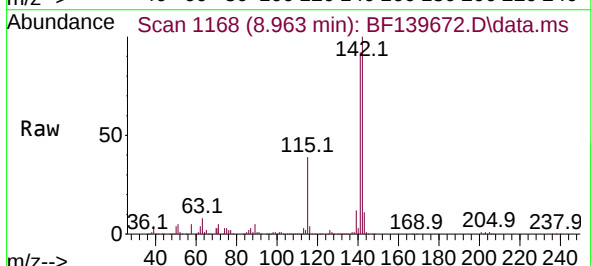
Acq: 04 Oct 2024 22:09

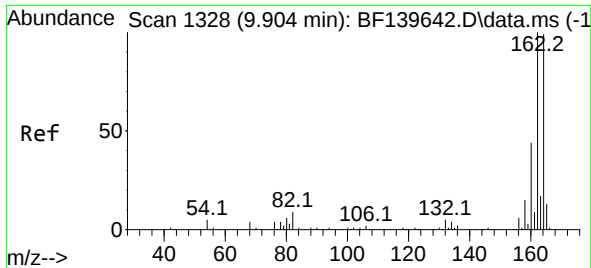
Tgt Ion:142 Resp: 447710

Ion Ratio Lower Upper

142 100

141 92.3 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

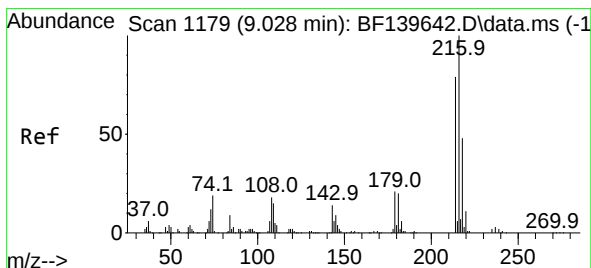
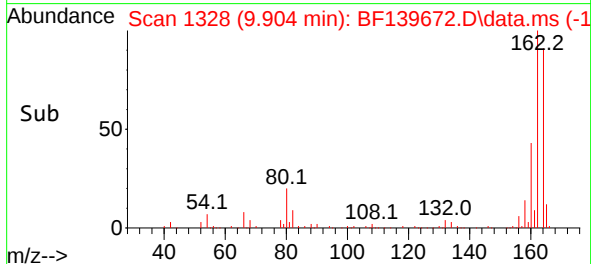
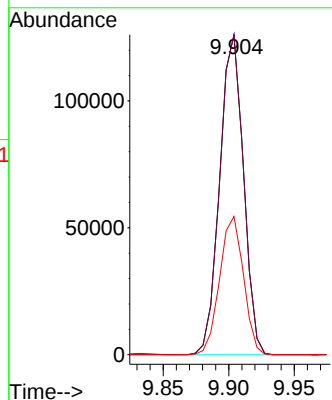
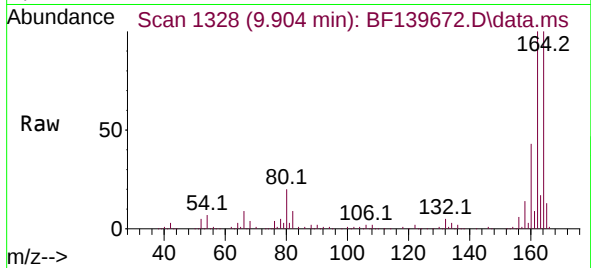
Tgt Ion:164 Resp: 158285

Ion Ratio Lower Upper

164 100

162 99.8 79.4 119.0

160 43.2 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.881 ng

RT: 9.027 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Tgt Ion:216 Resp: 228034

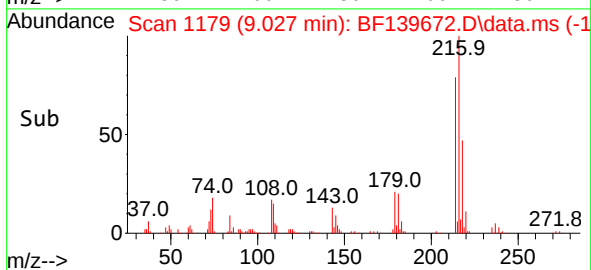
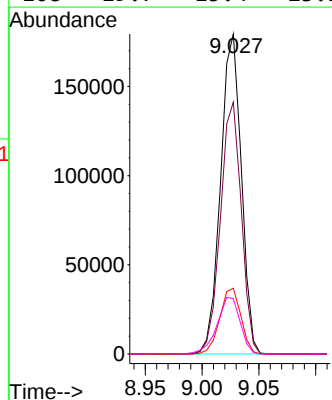
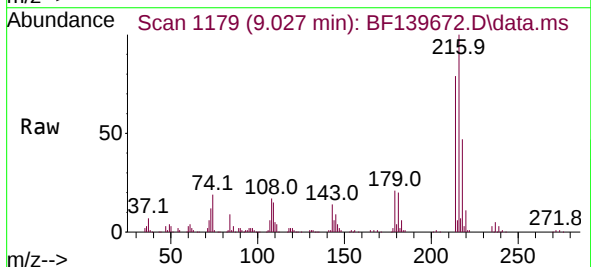
Ion Ratio Lower Upper

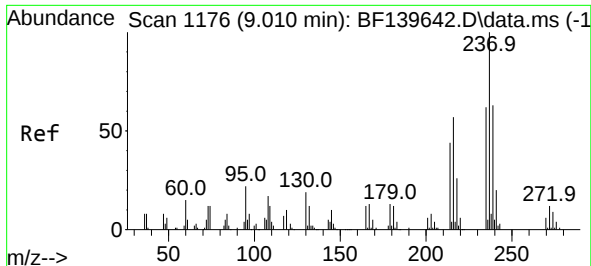
216 100

214 79.1 63.7 95.5

179 20.9 16.9 25.3

108 19.7 15.4 23.2

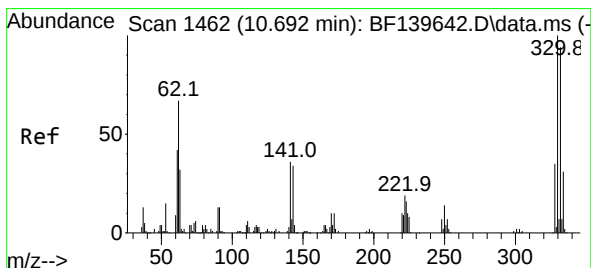
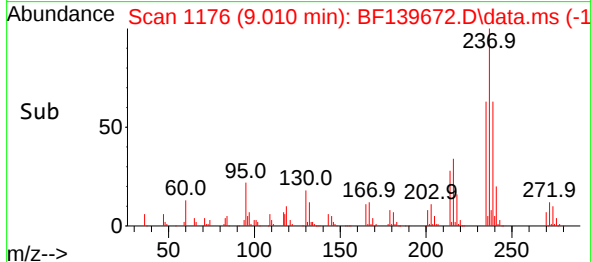
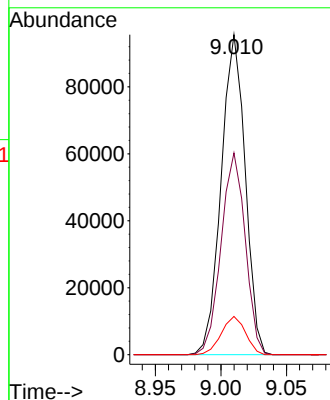
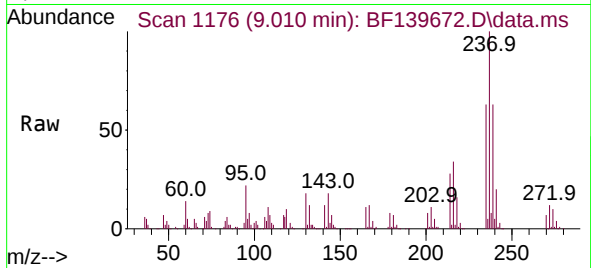




#41
Hexachlorocyclopentadiene
Concen: 90.387 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

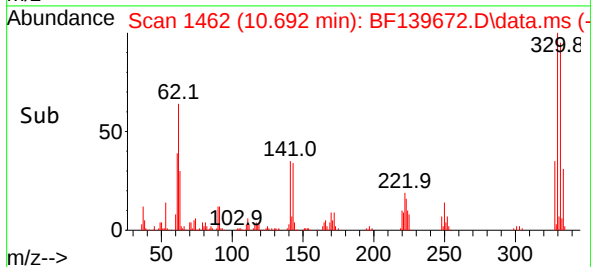
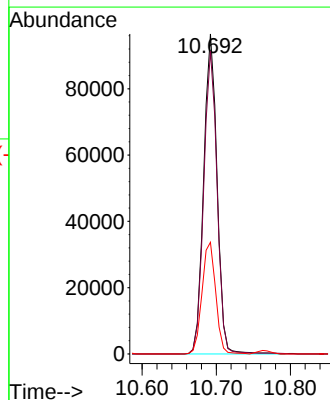
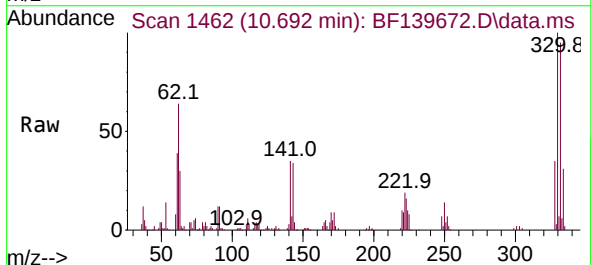
Instrument :
BNA_F
ClientSampleId :
TP4MSD

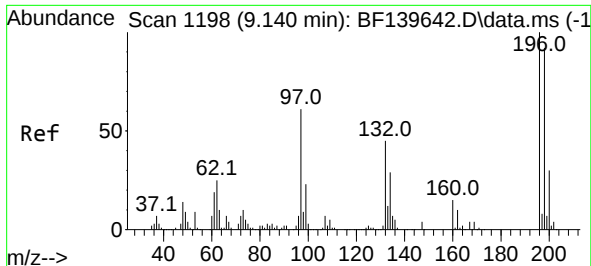
Tgt Ion:237 Resp: 121817
Ion Ratio Lower Upper
237 100
235 63.1 42.5 82.5
272 12.0 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 79.081 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion:330 Resp: 120835
Ion Ratio Lower Upper
330 100
332 94.7 76.5 114.7
141 35.8 29.3 43.9

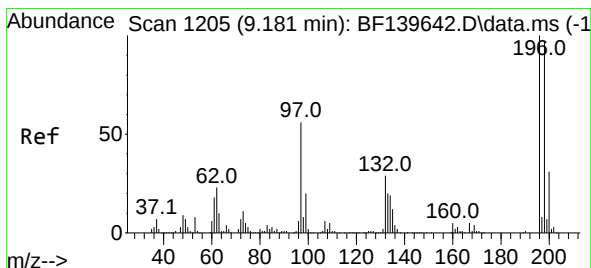
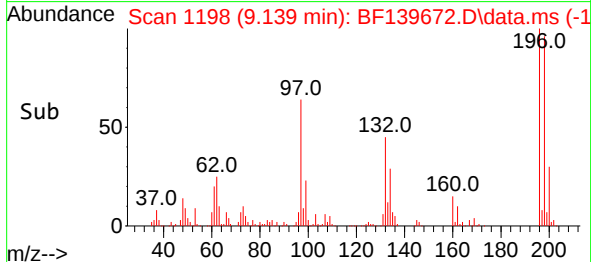
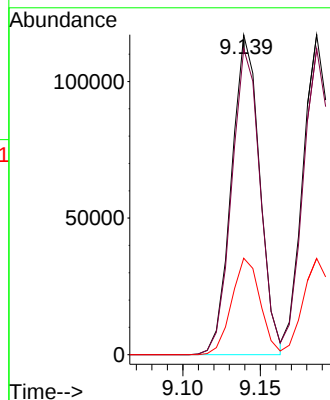
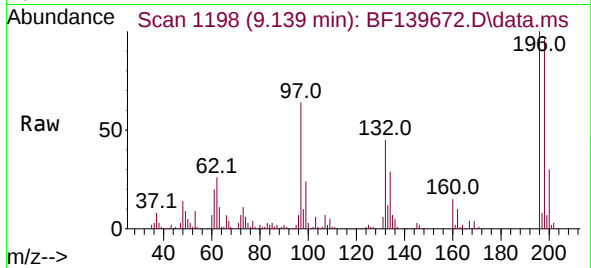




#43
2,4,6-Trichlorophenol
Concen: 50.106 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

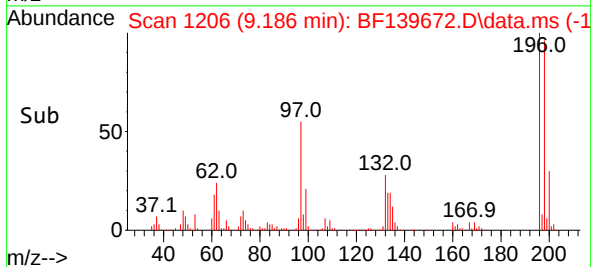
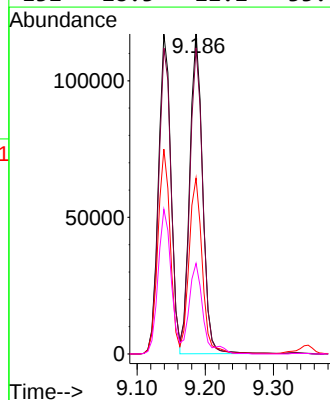
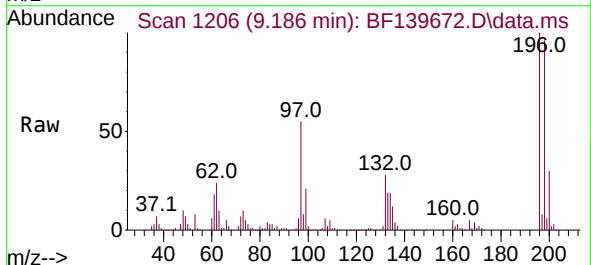
Instrument :
BNA_F
ClientSampleId :
TP4MSD

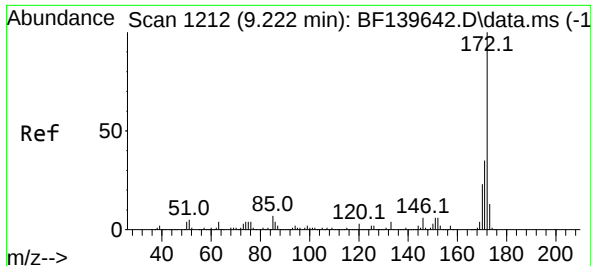
Tgt Ion:196 Resp: 148466
Ion Ratio Lower Upper
196 100
198 95.6 75.2 112.8
200 30.2 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 47.758 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion:196 Resp: 152605
Ion Ratio Lower Upper
196 100
198 95.6 77.5 116.3
97 55.0 43.1 64.7
132 28.3 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 67.040 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

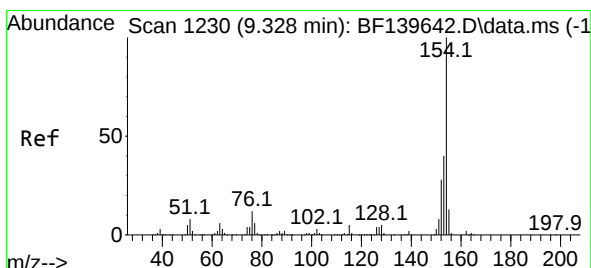
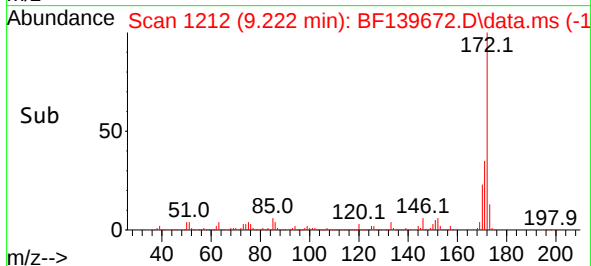
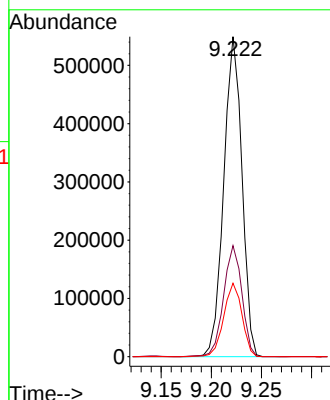
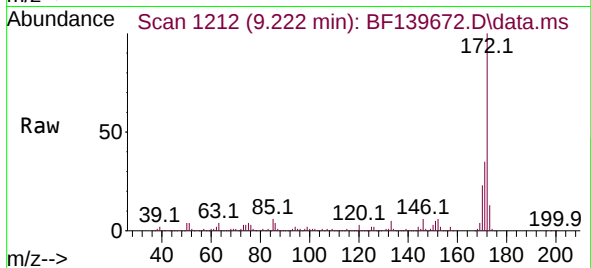
Tgt Ion:172 Resp: 691214

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 22.9 18.8 28.2



#46

1,1'-Biphenyl

Concen: 50.459 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

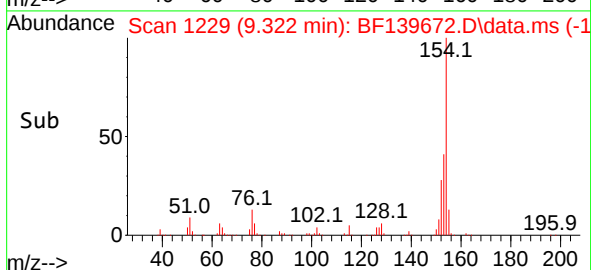
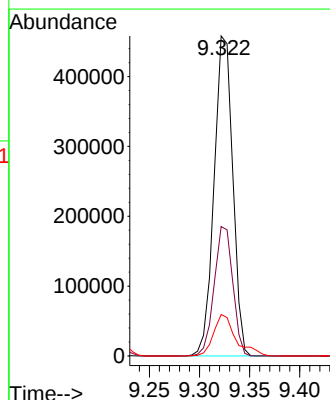
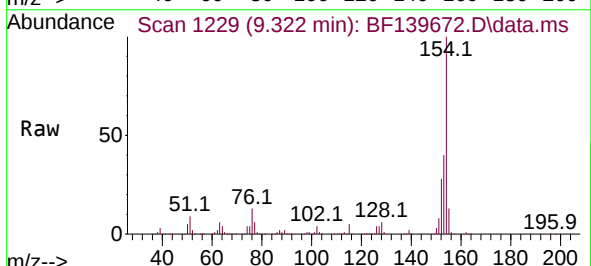
Tgt Ion:154 Resp: 594045

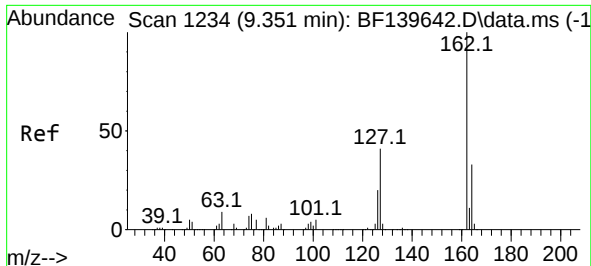
Ion Ratio Lower Upper

154 100

153 40.5 20.1 60.1

76 13.0 0.0 32.6





#47

2-Chloronaphthalene

Concen: 49.474 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

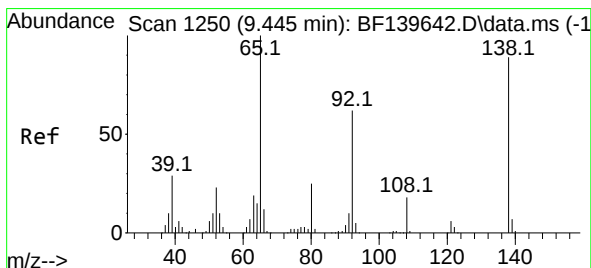
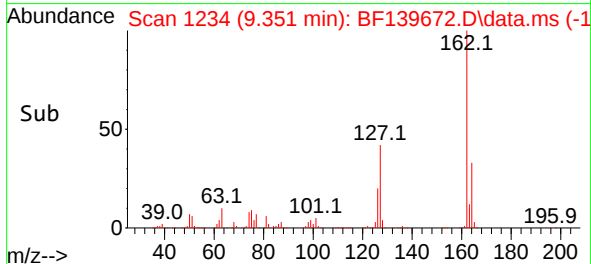
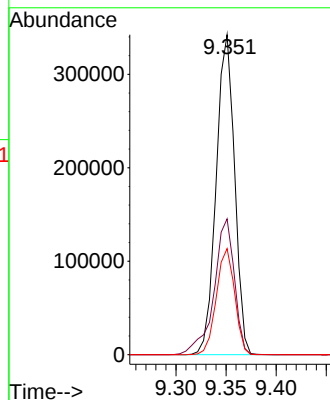
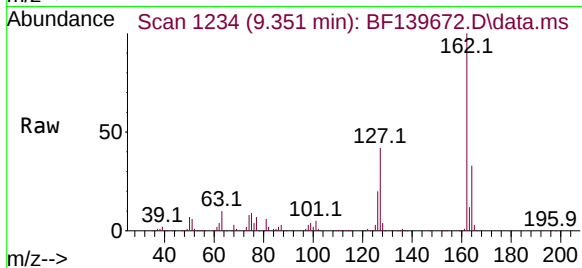
Tgt Ion:162 Resp: 436644

Ion Ratio Lower Upper

162 100

127 42.5 35.0 52.4

164 33.1 26.1 39.1



#48

2-Nitroaniline

Concen: 50.742 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.000 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

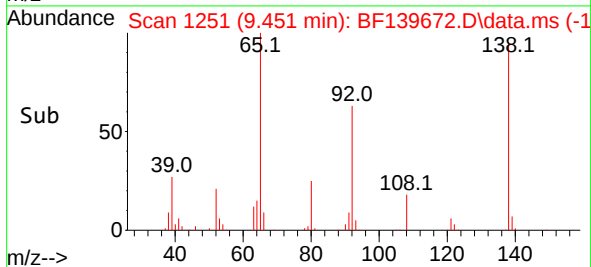
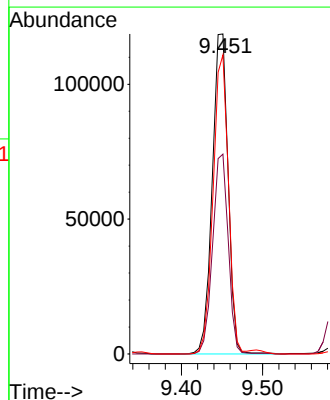
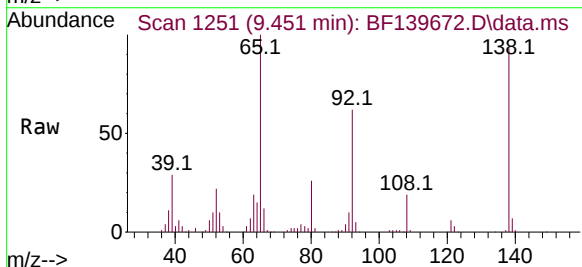
Tgt Ion: 65 Resp: 160758

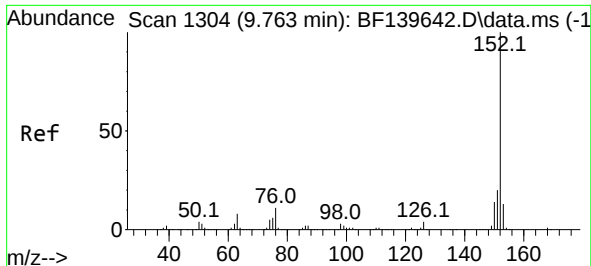
Ion Ratio Lower Upper

65 100

92 62.4 50.0 75.0

138 93.5 73.8 110.8





#49

Acenaphthylene

Concen: 51.420 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

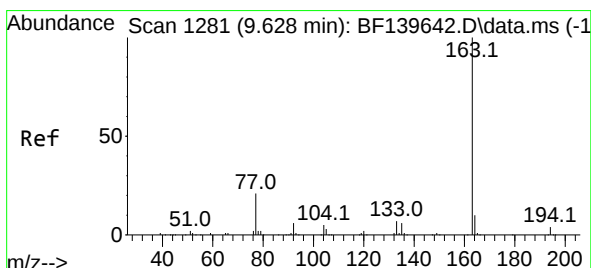
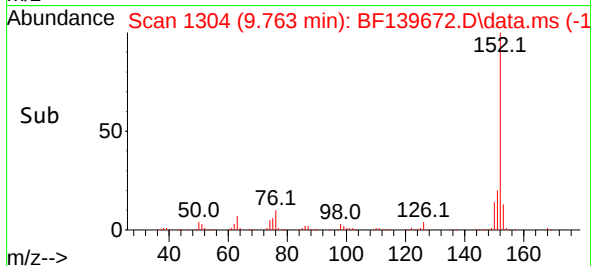
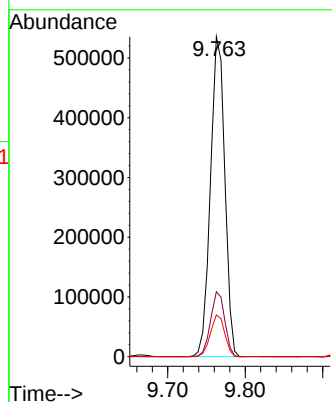
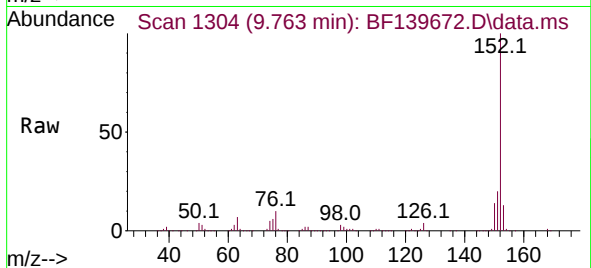
Tgt Ion:152 Resp: 690159

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 51.337 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

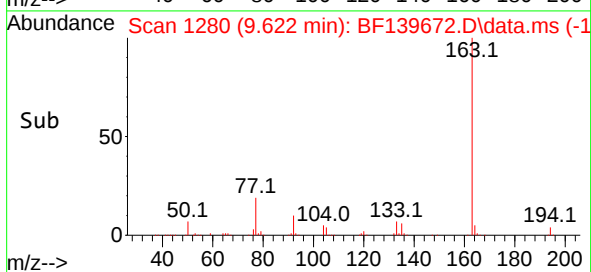
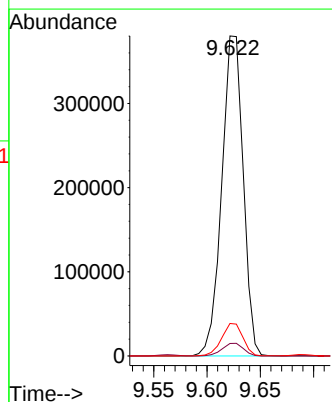
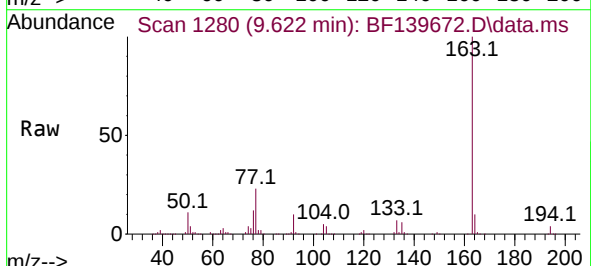
Tgt Ion:163 Resp: 531930

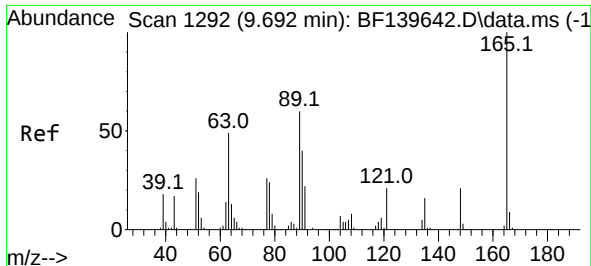
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.2 8.1 12.1

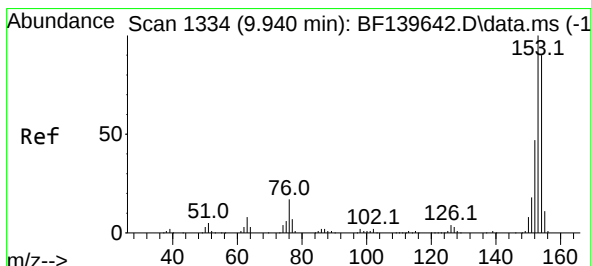
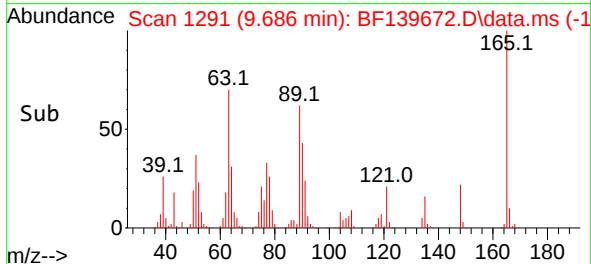
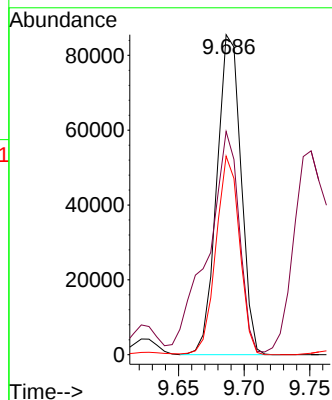
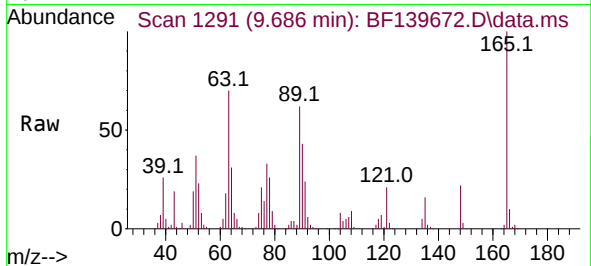




#51
2,6-Dinitrotoluene
Concen: 46.815 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

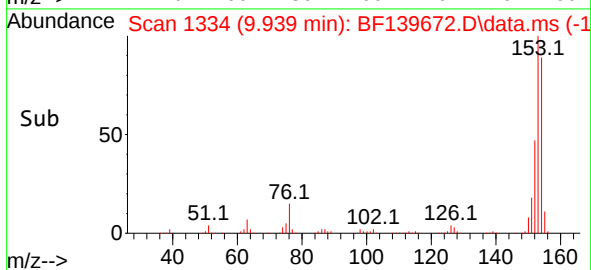
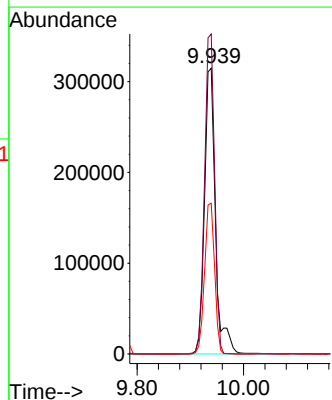
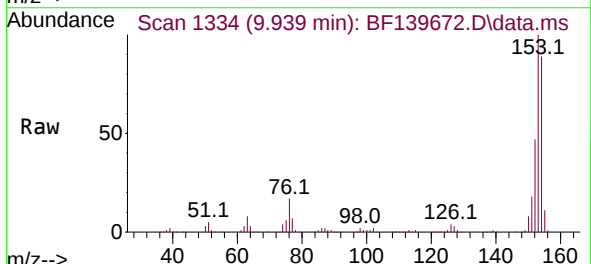
Instrument :
BNA_F
ClientSampleId :
TP4MSD

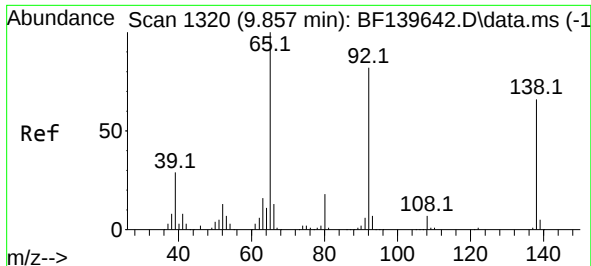
Tgt Ion:165 Resp: 109576
Ion Ratio Lower Upper
165 100
63 69.7 56.7 85.1
89 62.0 51.6 77.4



#52
Acenaphthene
Concen: 48.853 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion:154 Resp: 450140
Ion Ratio Lower Upper
154 100
153 112.0 88.8 133.2
152 52.7 42.5 63.7

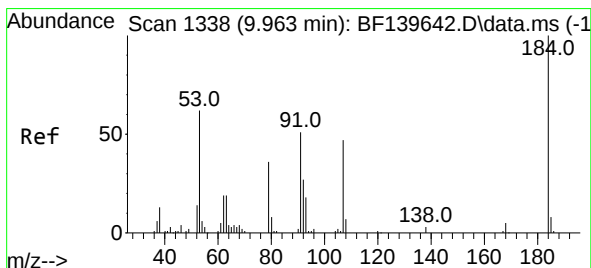
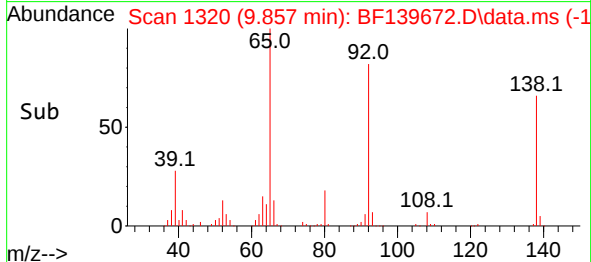
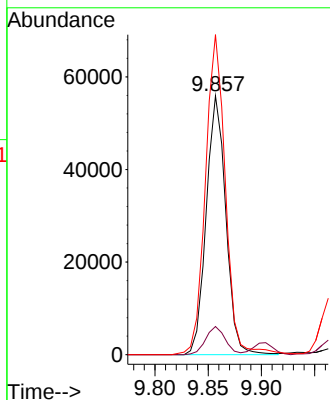
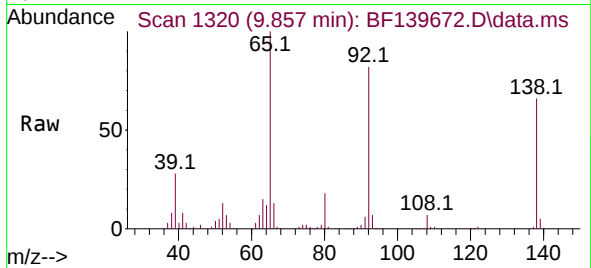




#53
3-Nitroaniline
Concen: 29.918 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

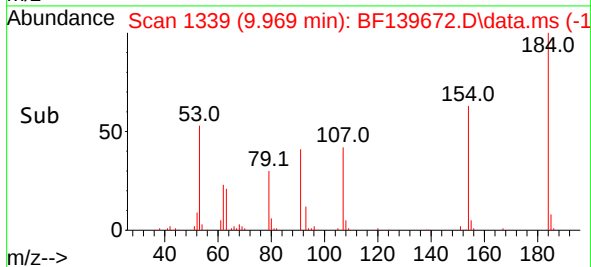
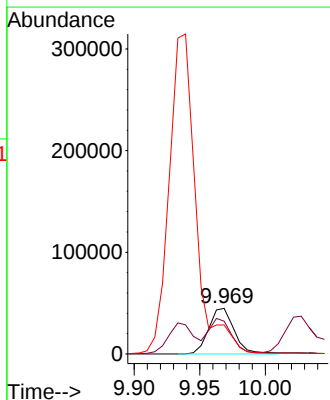
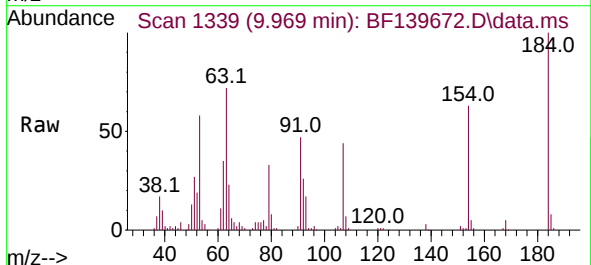
Instrument :
BNA_F
ClientSampleId :
TP4MSD

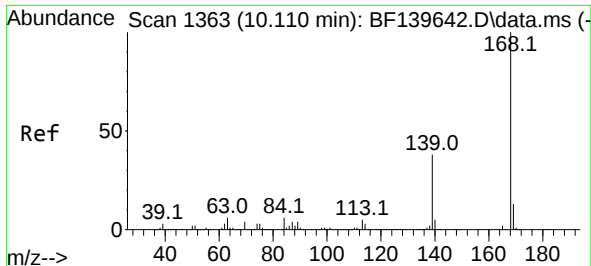
Tgt Ion:138 Resp: 71560
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 123.6 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 48.370 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion:184 Resp: 60894
Ion Ratio Lower Upper
184 100
63 71.9 61.7 92.5
154 63.4 53.0 79.4

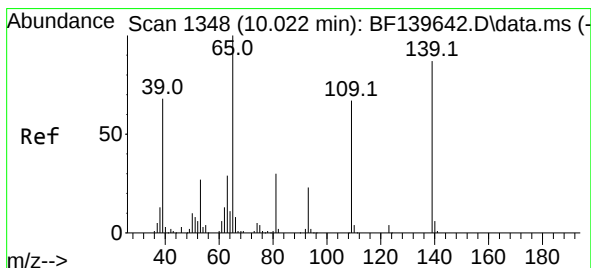
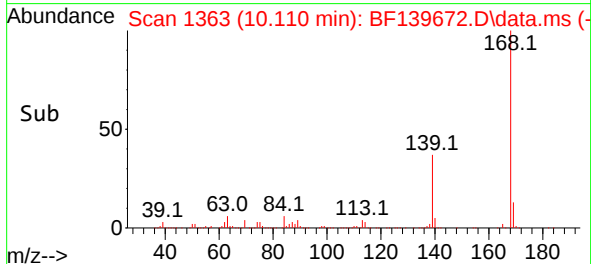
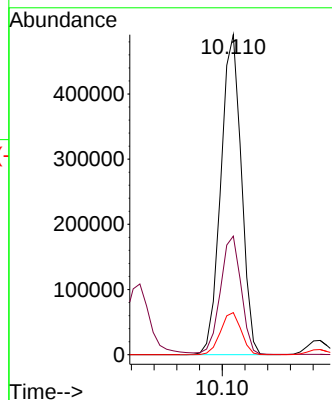
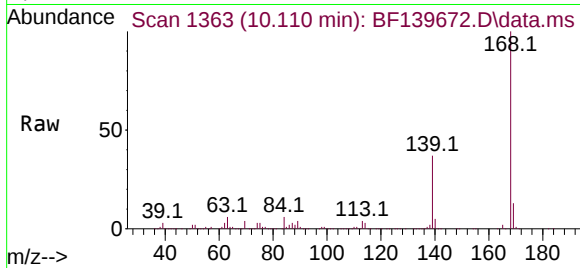




#55
Dibenzenofuran
Concen: 47.784 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

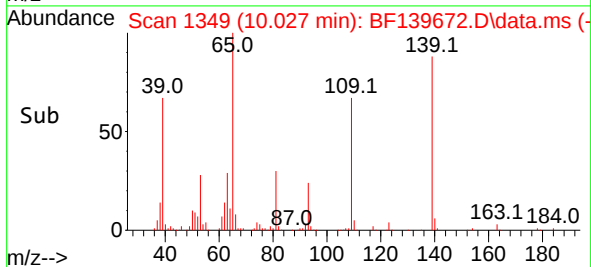
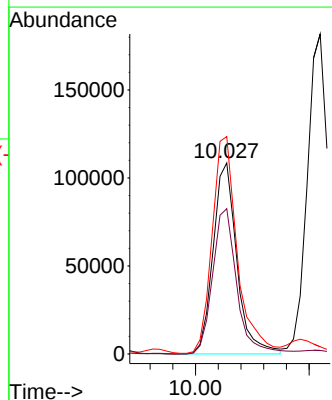
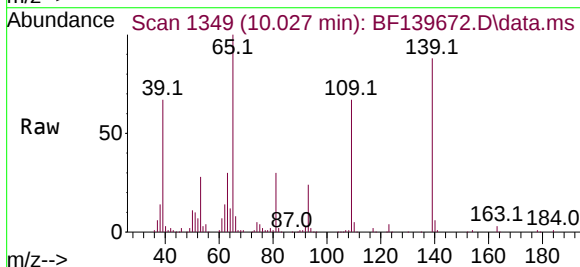
Instrument :
BNA_F
ClientSampleId :
TP4MSD

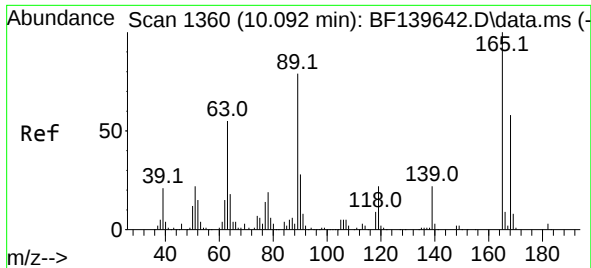
Tgt Ion:168 Resp: 616462
Ion Ratio Lower Upper
168 100
139 37.0 30.4 45.6
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 86.496 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion:139 Resp: 157772
Ion Ratio Lower Upper
139 100
109 76.0 60.3 100.3
65 113.9 100.8 140.8

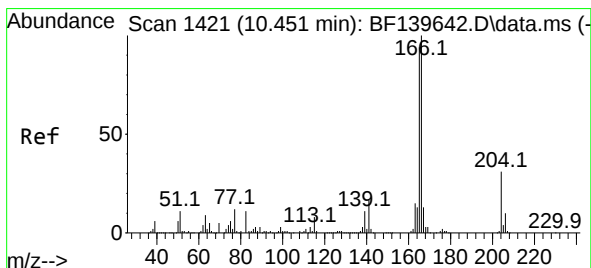
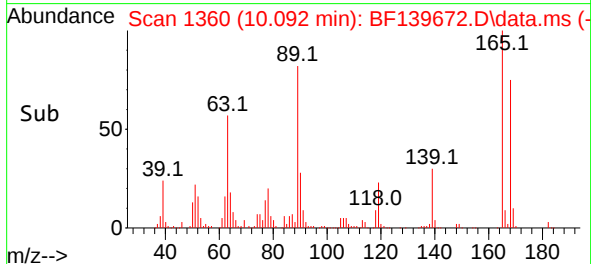
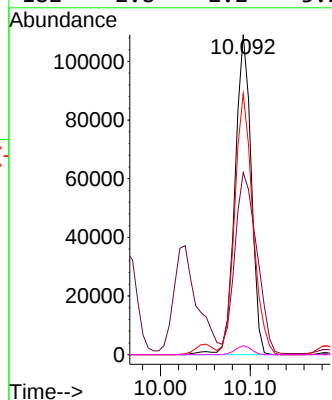
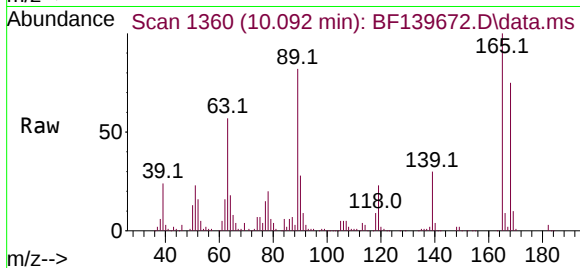




#57
2,4-Dinitrotoluene
Concen: 44.717 ng
RT: 10.092 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

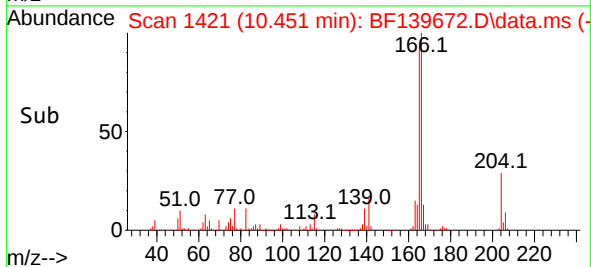
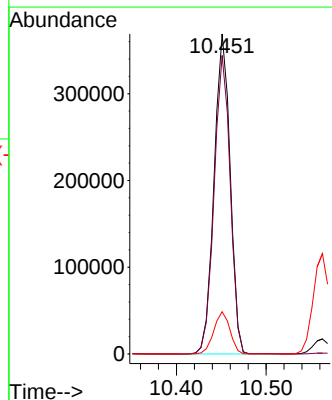
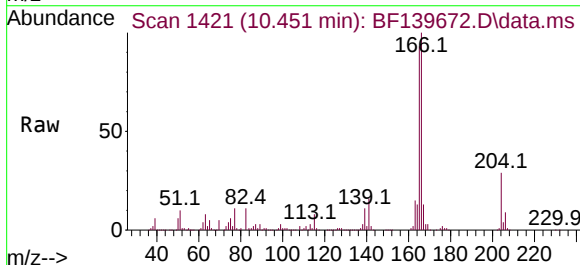
Instrument :
BNA_F
ClientSampleId :
TP4MSD

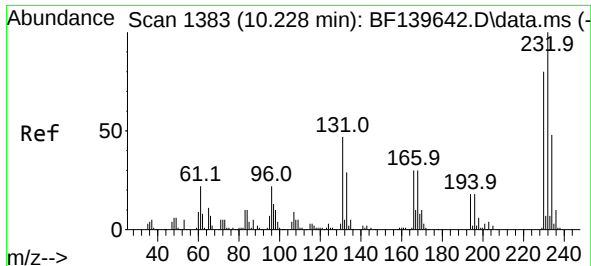
Tgt Ion:165 Resp: 136810
Ion Ratio Lower Upper
165 100
63 56.9 46.9 70.3
89 81.5 64.4 96.6
182 2.8 2.2 3.2



#58
Fluorene
Concen: 44.640 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion:166 Resp: 458697
Ion Ratio Lower Upper
166 100
165 93.3 74.4 111.6
167 13.2 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.997 ng

RT: 10.227 min Scan# 1383

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

Tgt Ion:232 Resp: 118712

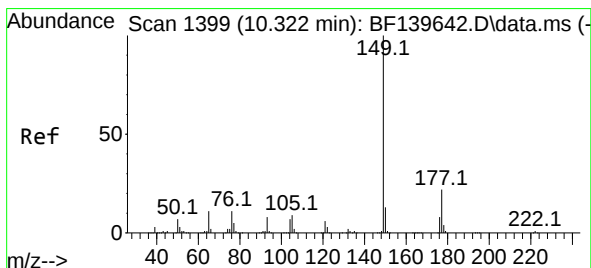
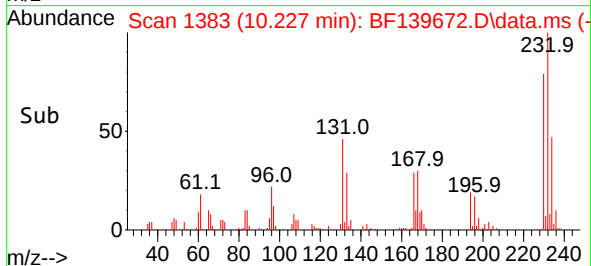
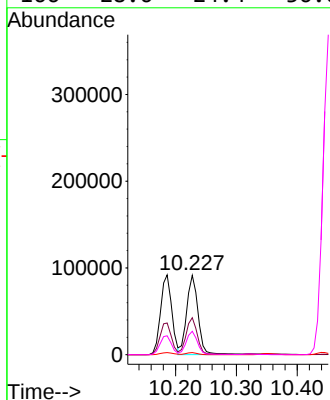
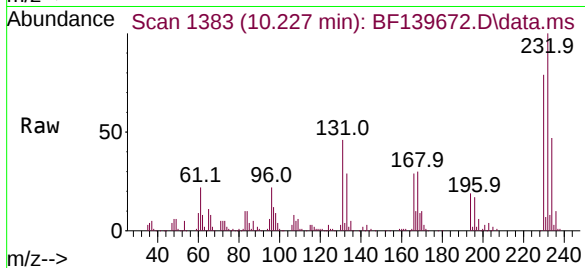
Ion Ratio Lower Upper

232 100

131 44.8 37.8 56.6

130 2.5 1.9 2.9

166 28.6 24.4 36.6



#60

Diethylphthalate

Concen: 48.816 ng

RT: 10.322 min Scan# 1399

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

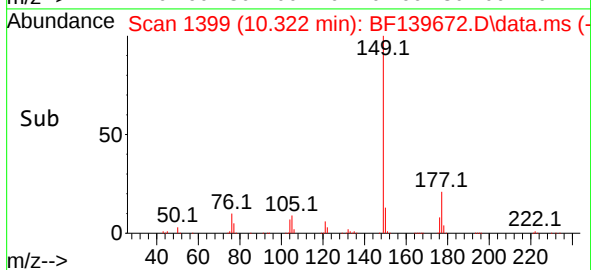
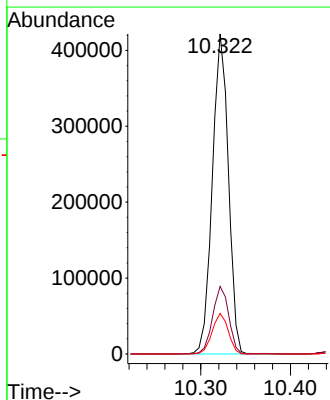
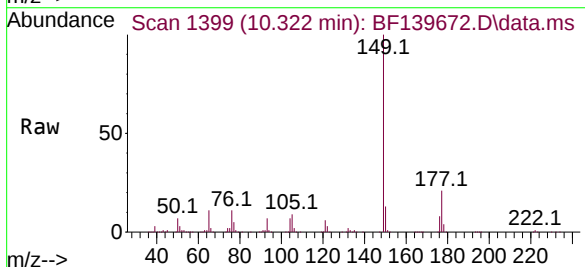
Tgt Ion:149 Resp: 522440

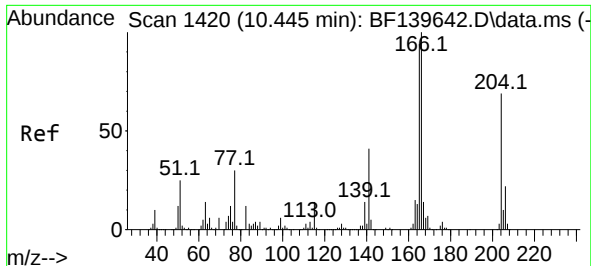
Ion Ratio Lower Upper

149 100

177 21.1 17.4 26.0

150 12.6 10.0 15.0

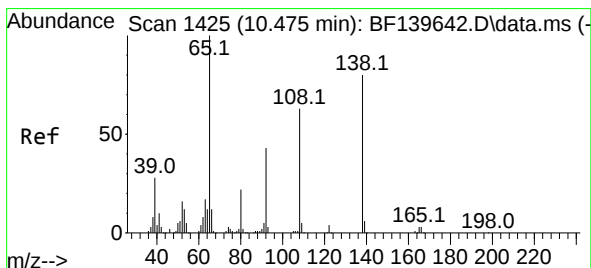
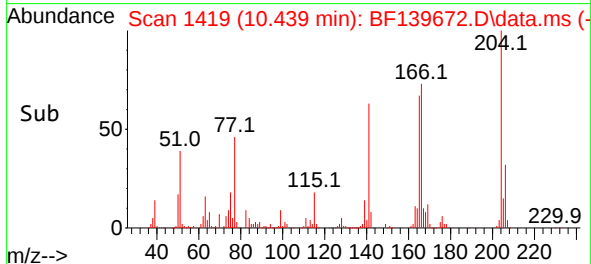
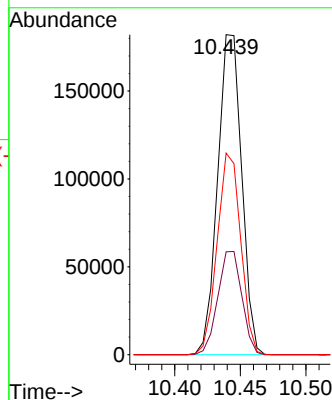
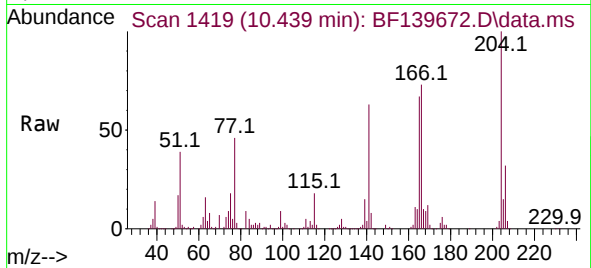




#61
4-Chlorophenyl-phenylether
Concen: 45.212 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

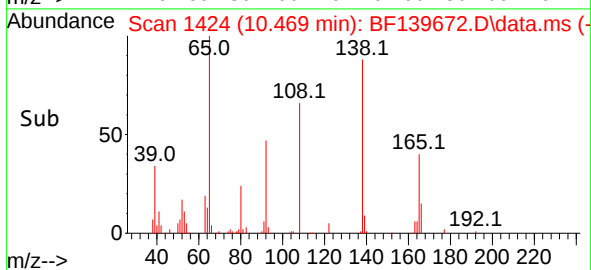
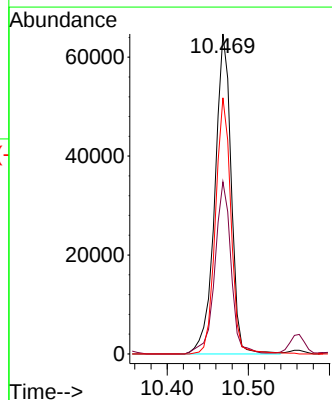
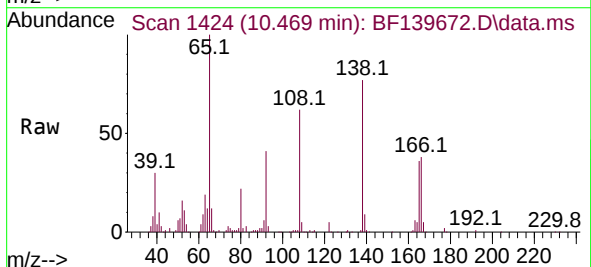
Instrument :
BNA_F
ClientSampleId :
TP4MSD

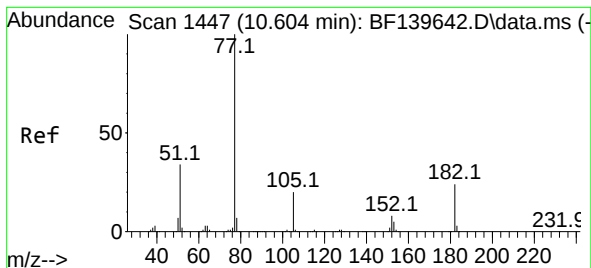
Tgt Ion:204 Resp: 232419
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 63.0 50.5 75.7



#62
4-Nitroaniline
Concen: 37.066 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion:138 Resp: 90688
Ion Ratio Lower Upper
138 100
92 53.8 33.3 73.3
108 80.0 62.1 102.1





#63

Azobenzene

Concen: 46.438 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

Tgt Ion: 77 Resp: 499809

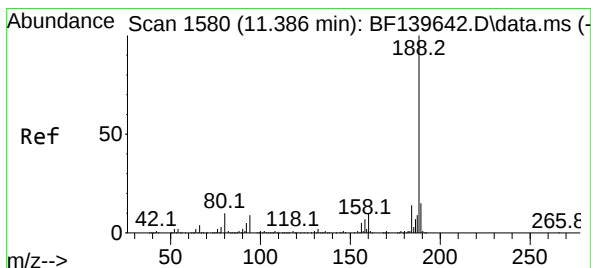
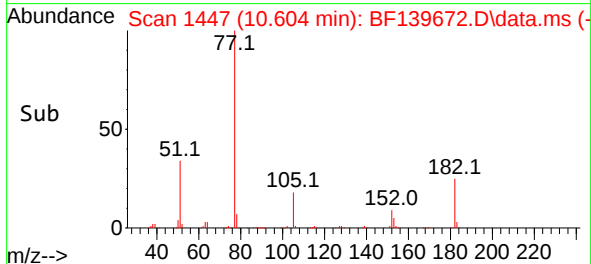
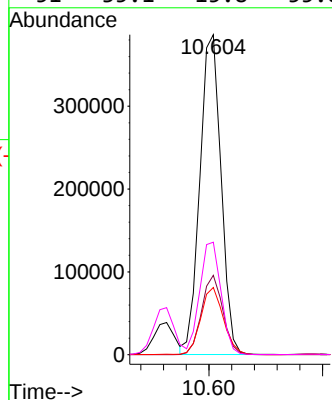
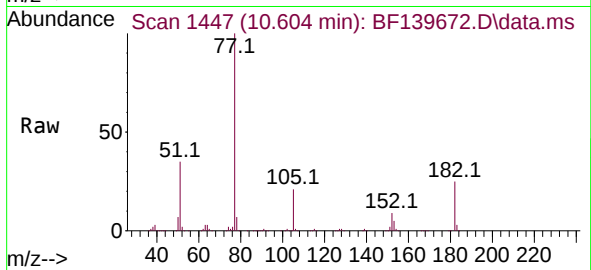
Ion Ratio Lower Upper

77 100

182 24.8 4.2 44.2

105 21.0 0.0 39.6

51 35.1 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

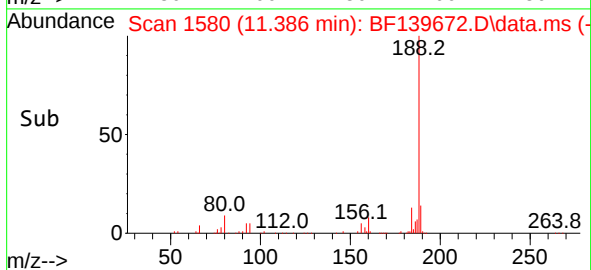
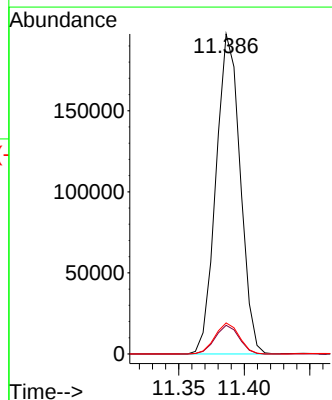
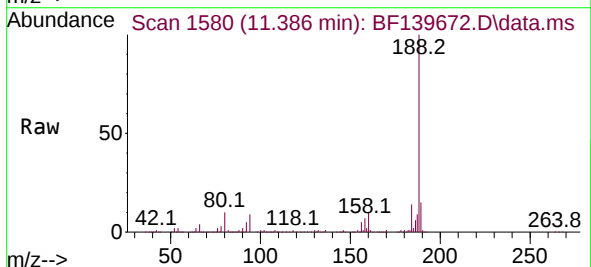
Tgt Ion: 188 Resp: 253109

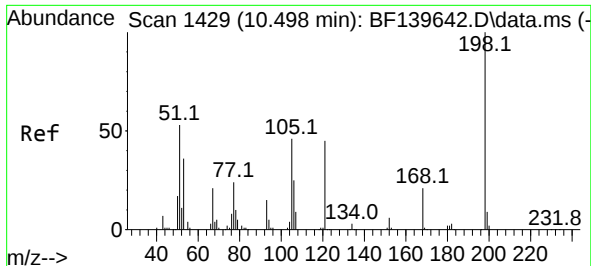
Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

80 9.7 8.2 12.2

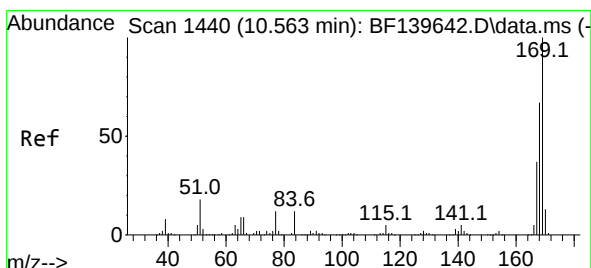
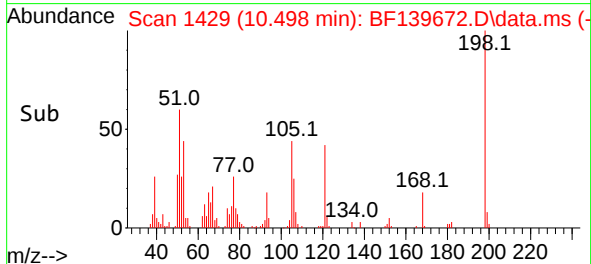
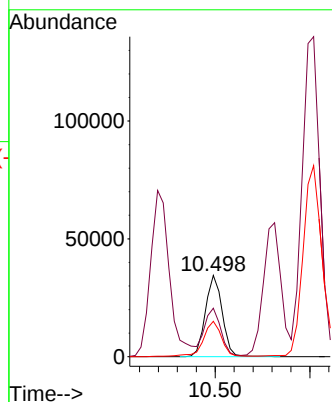
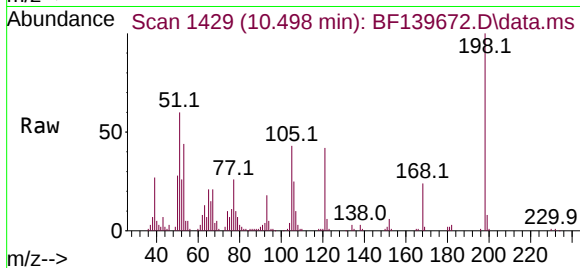




#65
4,6-Dinitro-2-methylphenol
Concen: 29.638 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

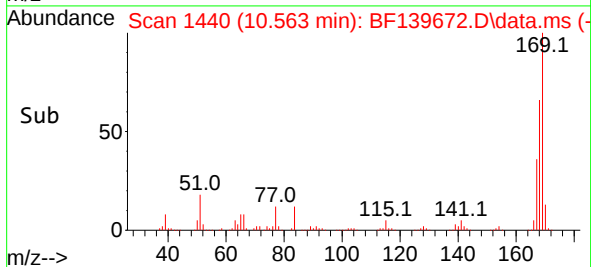
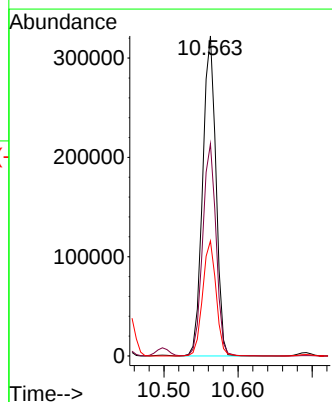
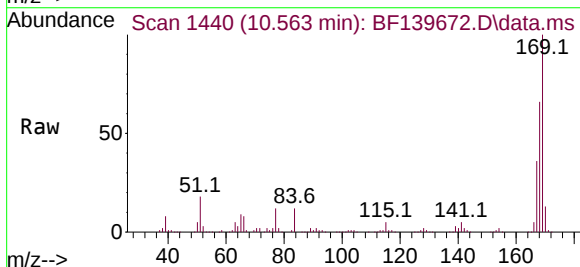
Instrument :
BNA_F
ClientSampleId :
TP4MSD

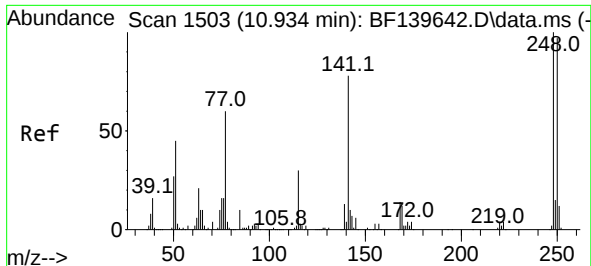
Tgt Ion:198 Resp: 42368
Ion Ratio Lower Upper
198 100
51 59.7 43.0 83.0
105 43.5 26.6 66.6



#66
n-Nitrosodiphenylamine
Concen: 53.771 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion:169 Resp: 401170
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 35.9 28.6 43.0





#67

4-Bromophenyl-phenylether

Concen: 51.088 ng

RT: 10.933 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

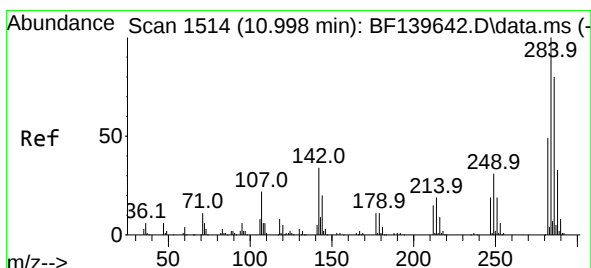
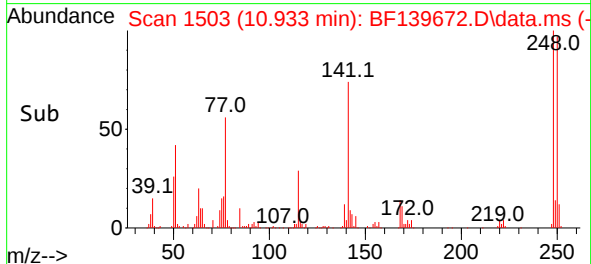
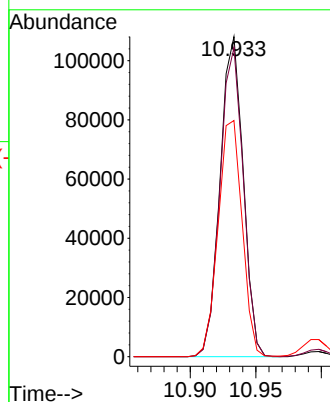
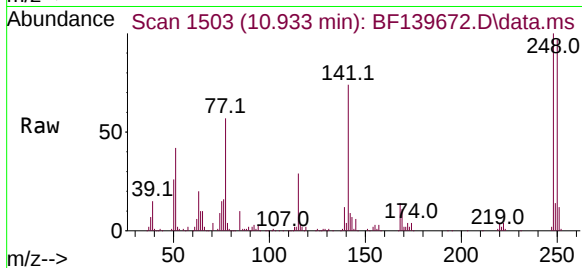
Tgt Ion:248 Resp: 132580

Ion Ratio Lower Upper

248 100

250 96.6 77.1 115.7

141 73.8 60.4 90.6



#68

Hexachlorobenzene

Concen: 47.899 ng

RT: 10.998 min Scan# 1514

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

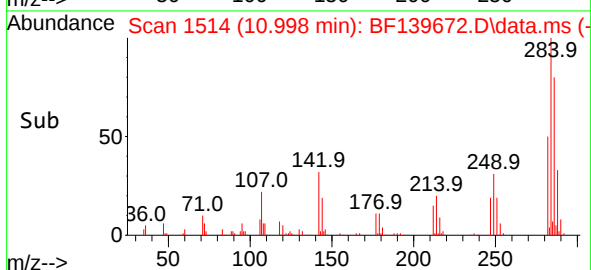
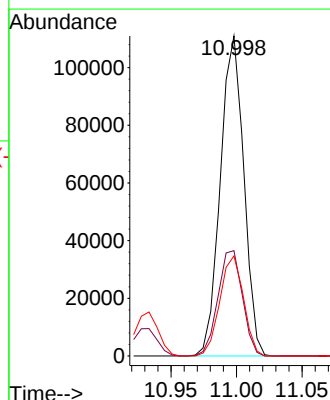
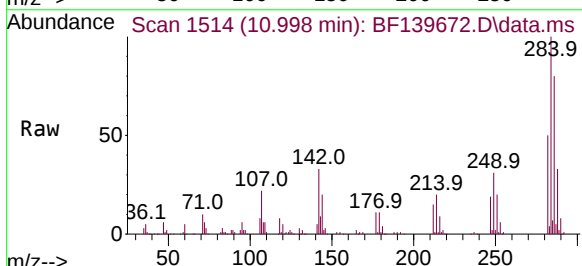
Tgt Ion:284 Resp: 137935

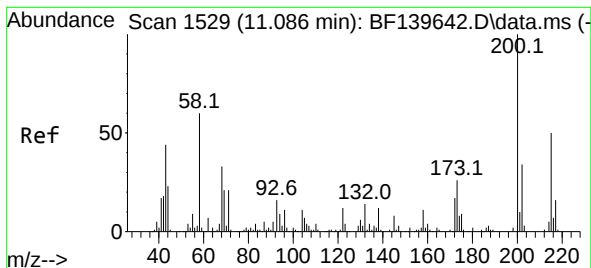
Ion Ratio Lower Upper

284 100

142 32.9 26.9 40.3

249 31.3 25.4 38.0





#69

Atrazine

Concen: 62.157 ng

RT: 11.086 min Scan# 1529

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

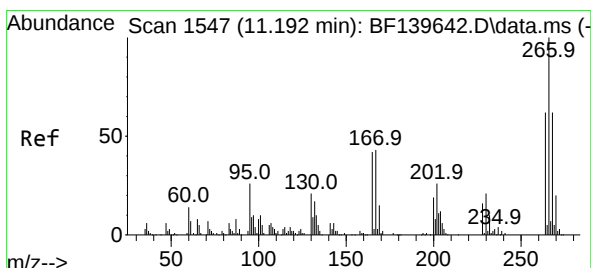
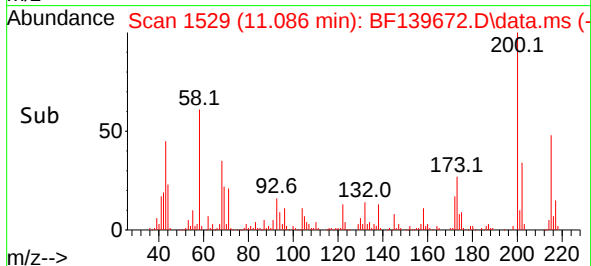
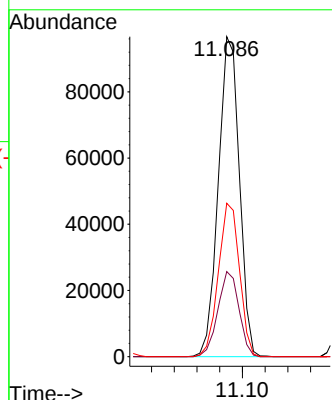
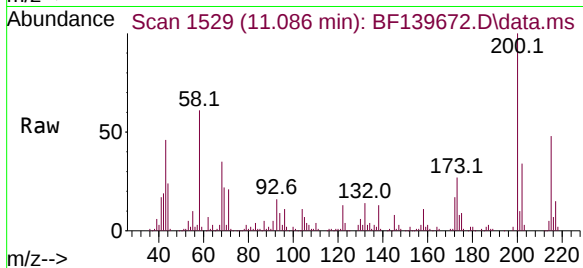
Tgt Ion:200 Resp: 124422

Ion Ratio Lower Upper

200 100

173 26.6 6.7 46.7

215 47.9 27.5 67.5



#70

Pentachlorophenol

Concen: 87.493 ng

RT: 11.192 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

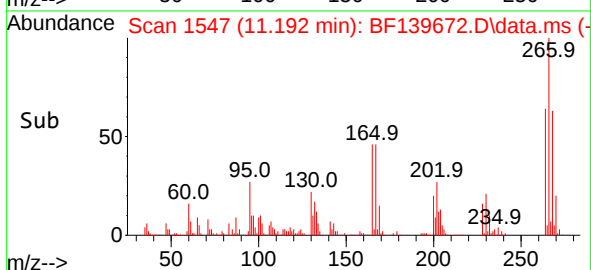
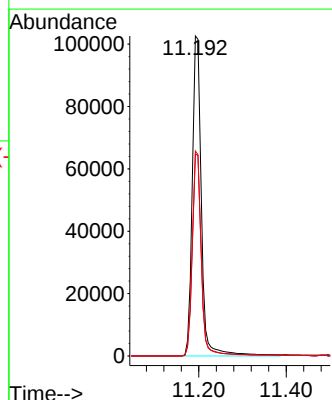
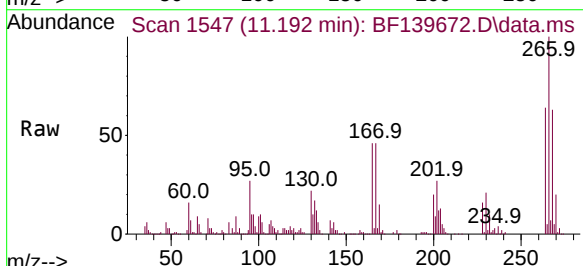
Tgt Ion:266 Resp: 150025

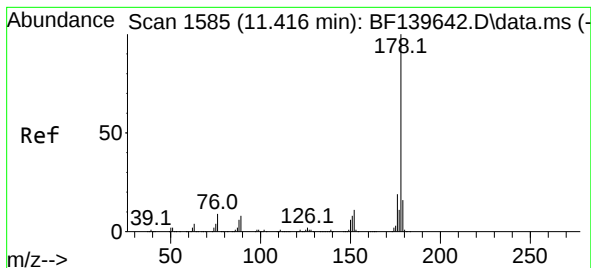
Ion Ratio Lower Upper

266 100

268 63.1 50.0 75.0

264 64.1 49.3 73.9





#71

Phenanthrene

Concen: 49.584 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

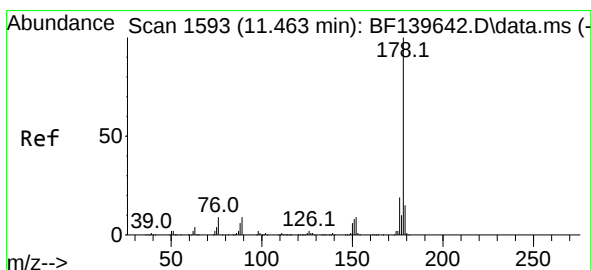
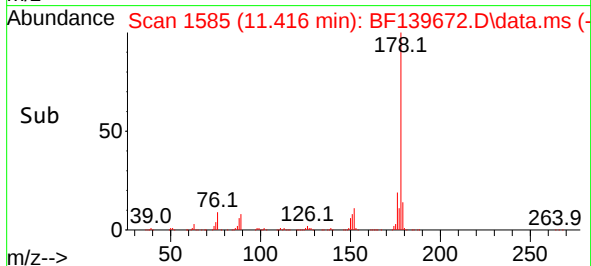
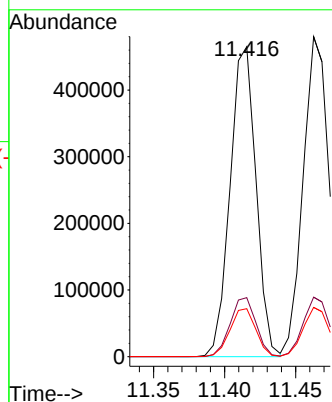
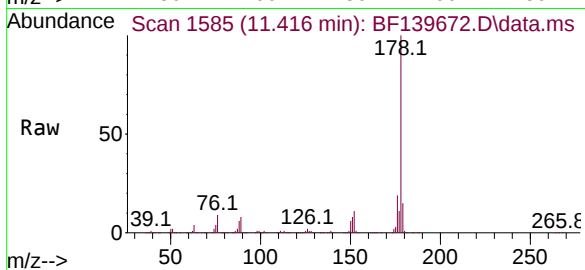
Tgt Ion:178 Resp: 591747

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 15.5 12.3 18.5



#72

Anthracene

Concen: 51.276 ng

RT: 11.463 min Scan# 1593

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

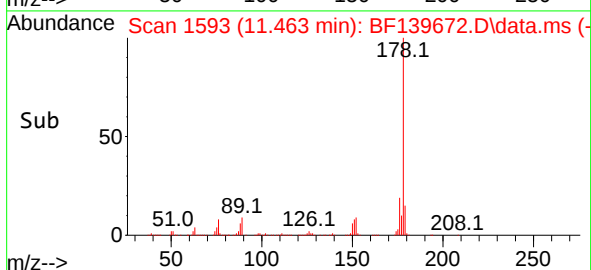
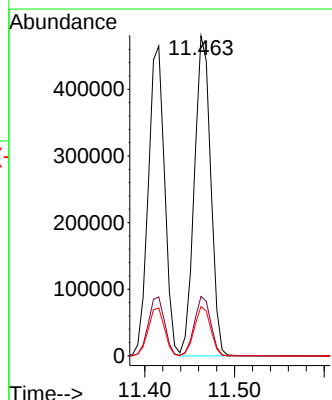
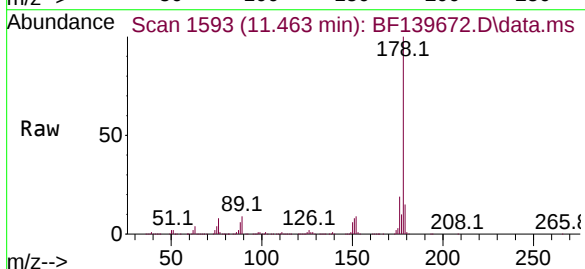
Tgt Ion:178 Resp: 605397

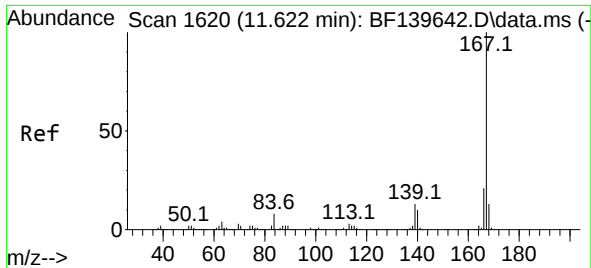
Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

179 15.4 12.5 18.7

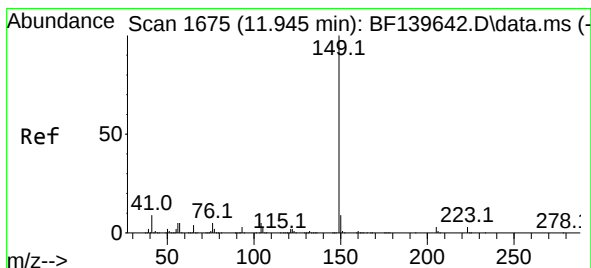
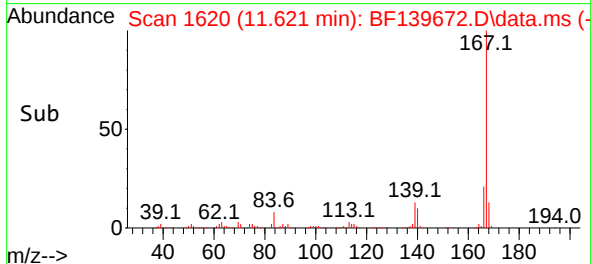
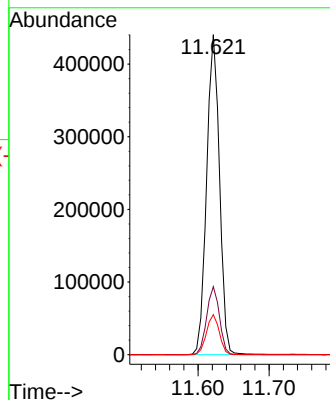
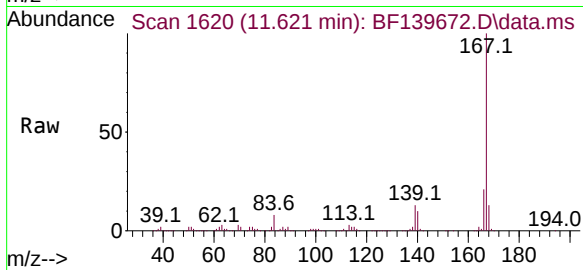




#73
 Carbazole
 Concen: 49.023 ng
 RT: 11.621 min Scan# 1620
 Delta R.T. -0.006 min
 Lab File: BF139672.D
 Acq: 04 Oct 2024 22:09

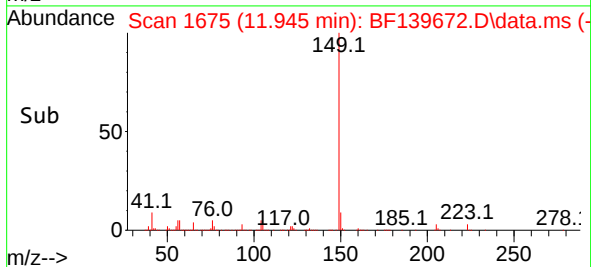
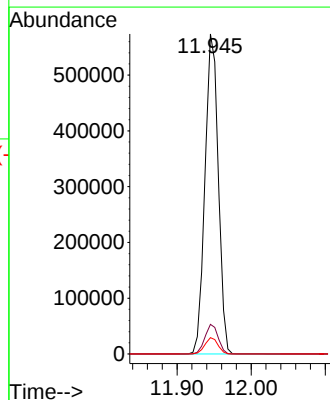
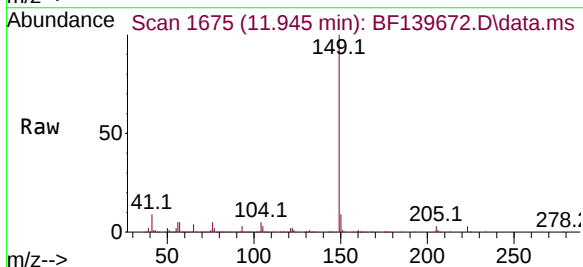
Instrument :
 BNA_F
 ClientSampleId :
 TP4MSD

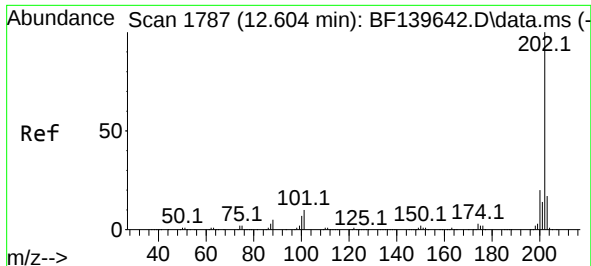
Tgt Ion:167 Resp: 555906
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.5 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 51.889 ng
 RT: 11.945 min Scan# 1675
 Delta R.T. -0.006 min
 Lab File: BF139672.D
 Acq: 04 Oct 2024 22:09

Tgt Ion:149 Resp: 715520
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.1 4.1 6.1

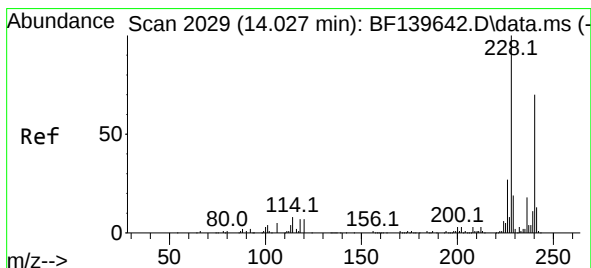
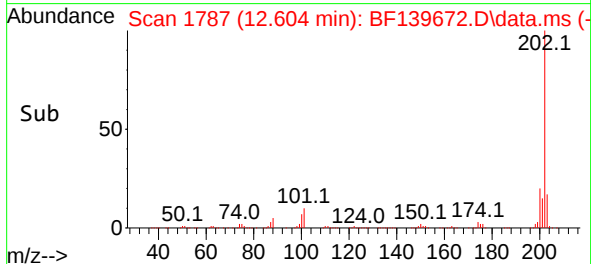
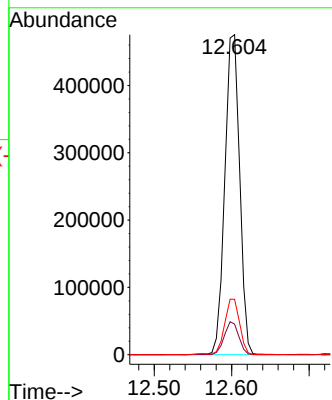
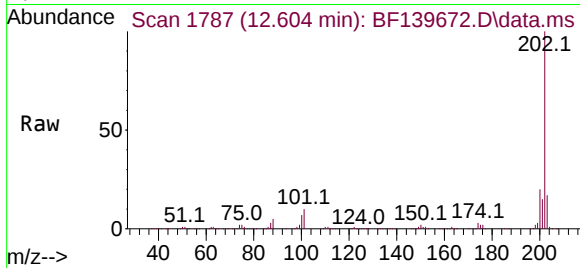




#75
Fluoranthene
Concen: 48.528 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

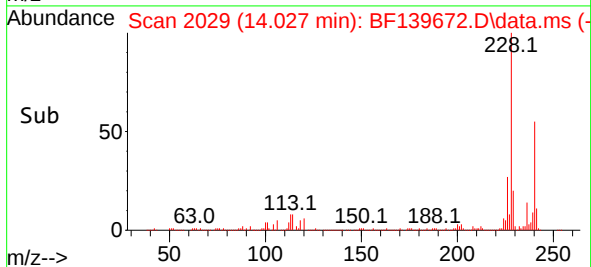
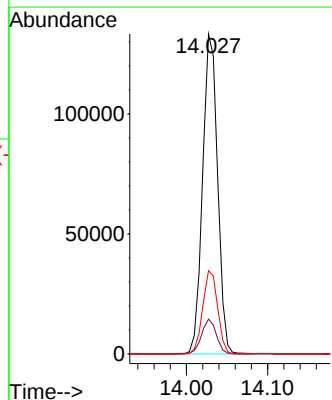
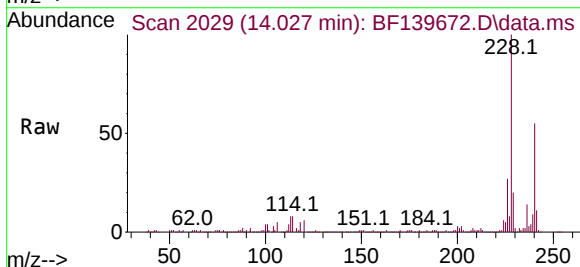
Instrument :
BNA_F
ClientSampleId :
TP4MSD

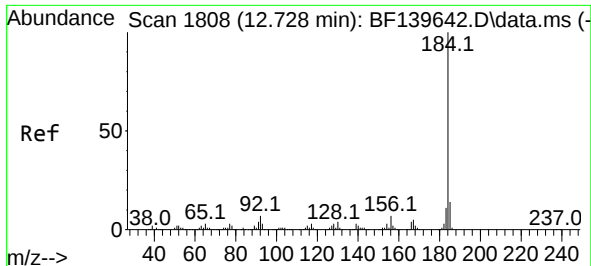
Tgt Ion:202 Resp: 633099
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.2
203 17.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion:240 Resp: 170633
Ion Ratio Lower Upper
240 100
120 10.9 8.4 12.6
236 26.1 20.3 30.5

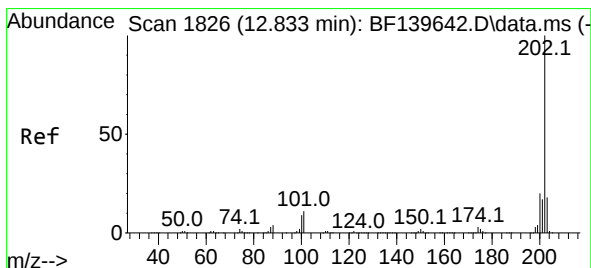
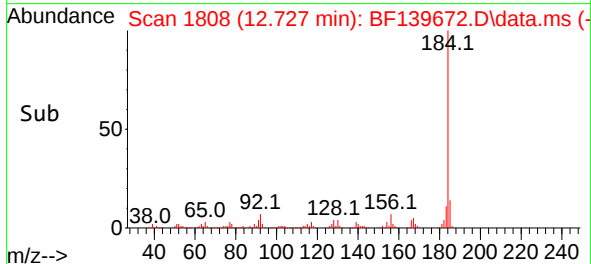
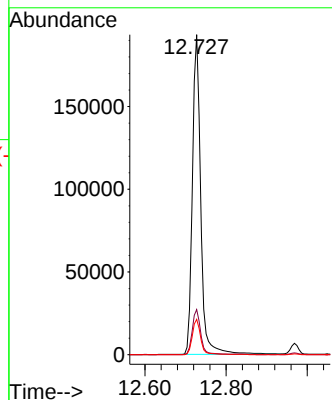
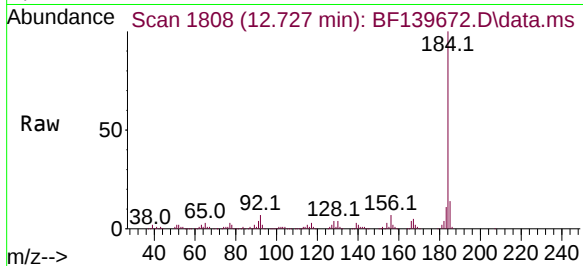




#77
Benzidine
Concen: 91.851 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

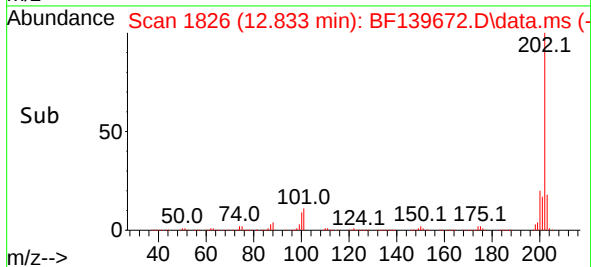
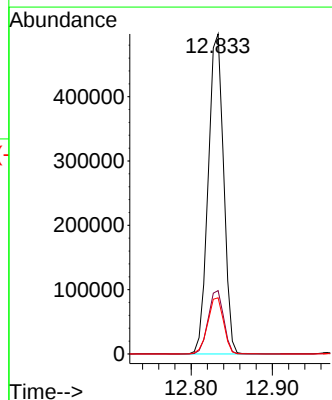
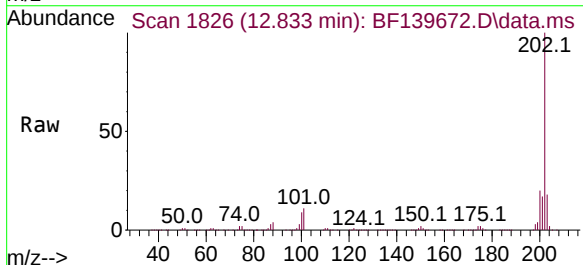
Instrument :
BNA_F
ClientSampleId :
TP4MSD

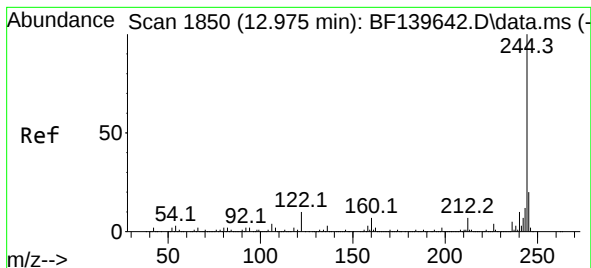
Tgt Ion:184 Resp: 276450
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 11.1 8.8 13.2



#78
Pyrene
Concen: 42.883 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion:202 Resp: 654453
Ion Ratio Lower Upper
202 100
200 19.8 15.8 23.6
203 17.6 13.8 20.8





#79

Terphenyl-d14

Concen: 57.340 ng

RT: 12.968 min Scan# 1849

Delta R.T. -0.012 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

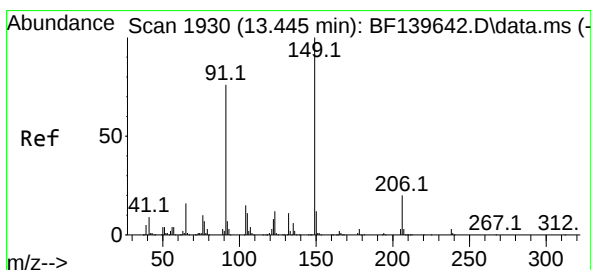
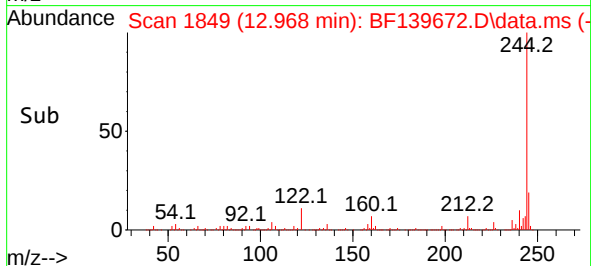
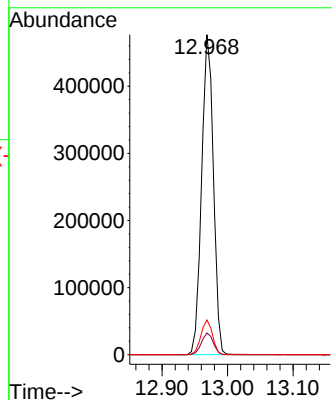
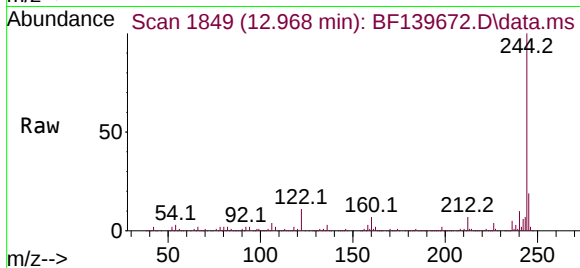
Tgt Ion:244 Resp: 596287

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 10.8 8.6 12.8



#80

Butylbenzylphthalate

Concen: 51.398 ng

RT: 13.445 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

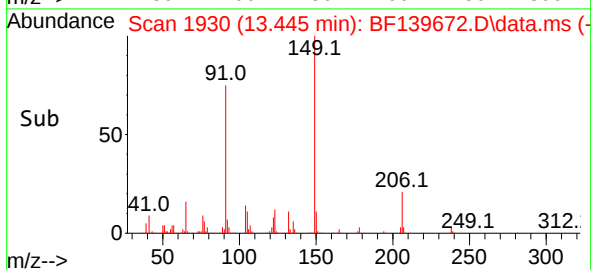
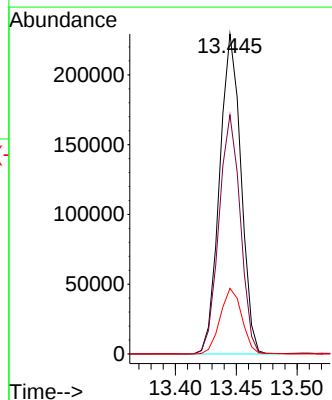
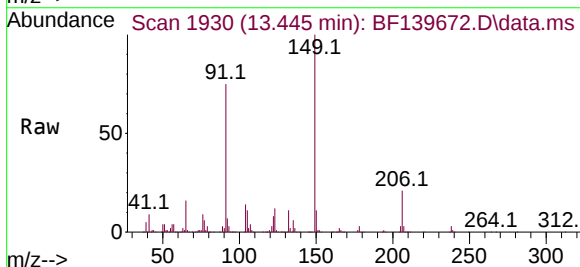
Tgt Ion:149 Resp: 280571

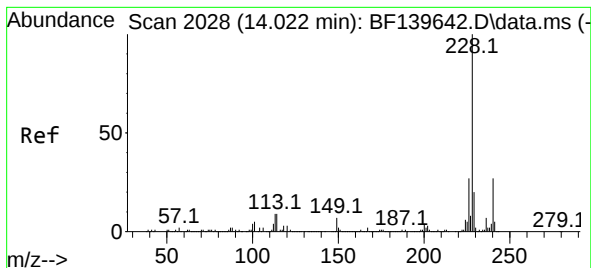
Ion Ratio Lower Upper

149 100

91 74.7 61.0 91.4

206 20.5 16.6 24.8





#81

Benzo(a)anthracene

Concen: 51.548 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

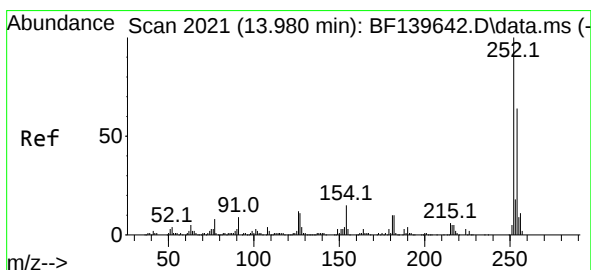
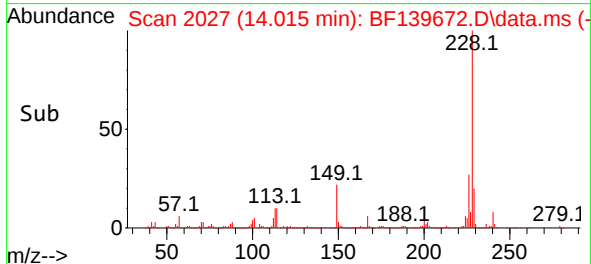
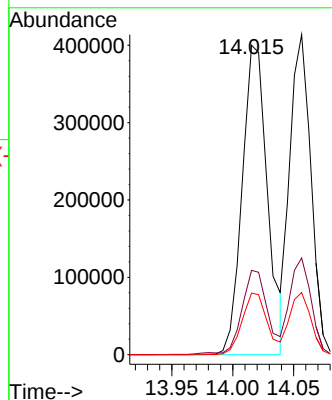
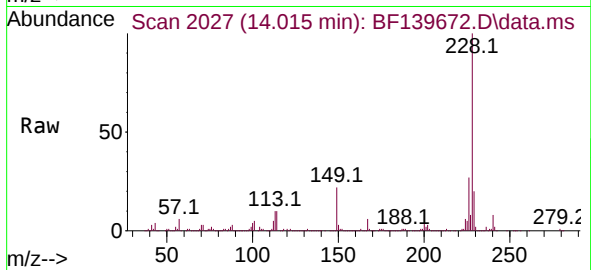
Tgt Ion:228 Resp: 578295

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 51.433 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

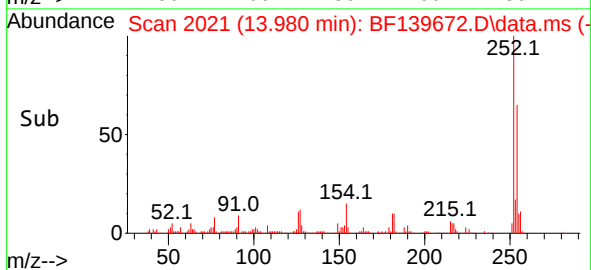
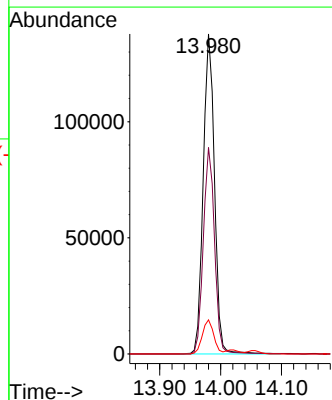
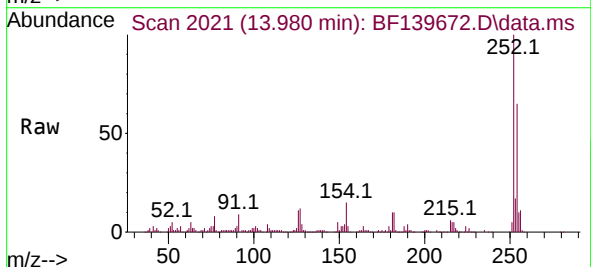
Tgt Ion:252 Resp: 176587

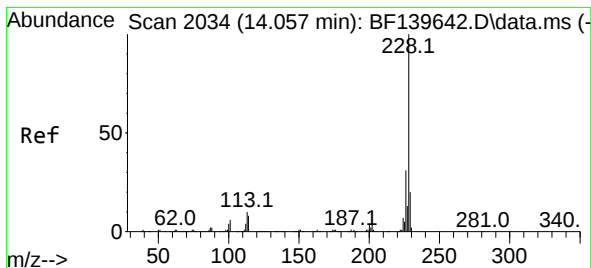
Ion Ratio Lower Upper

252 100

254 64.5 50.5 75.7

126 10.6 8.8 13.2





#83

Chrysene

Concen: 48.473 ng

RT: 14.057 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

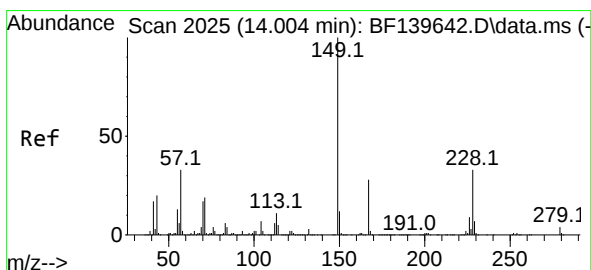
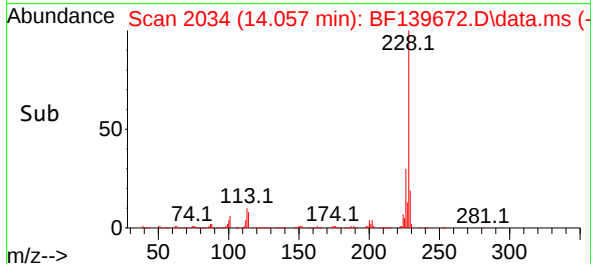
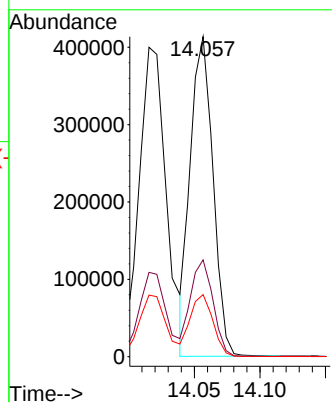
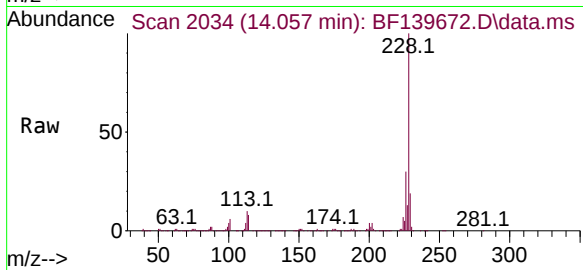
Tgt Ion:228 Resp: 497161

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.932 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

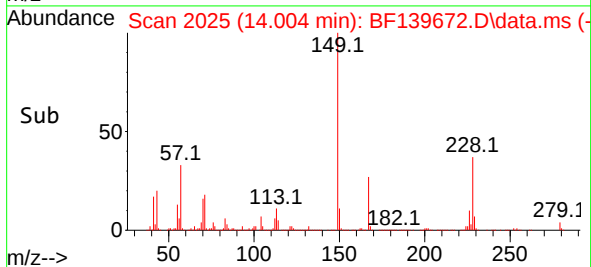
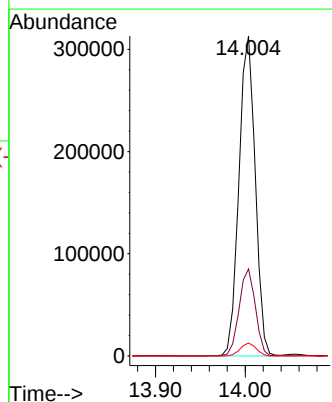
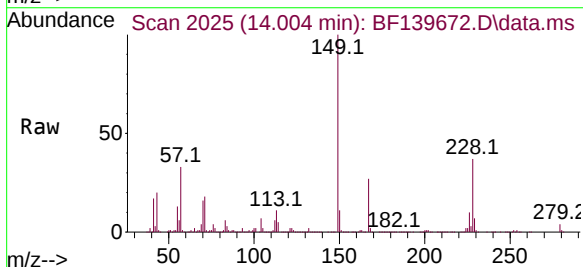
Tgt Ion:149 Resp: 394889

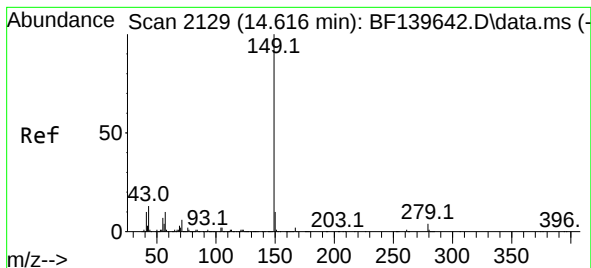
Ion Ratio Lower Upper

149 100

167 27.2 21.7 32.5

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 64.951 ng

RT: 14.615 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

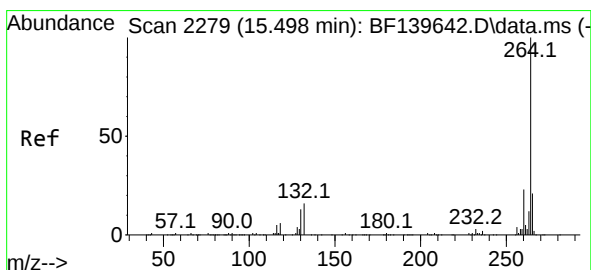
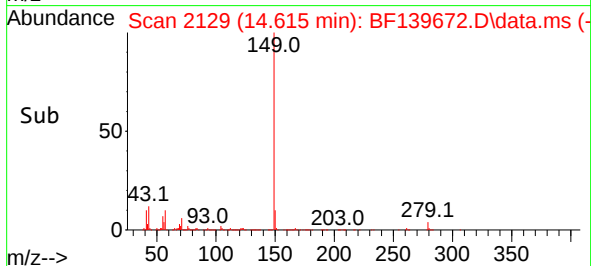
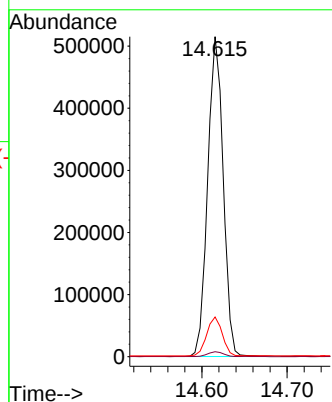
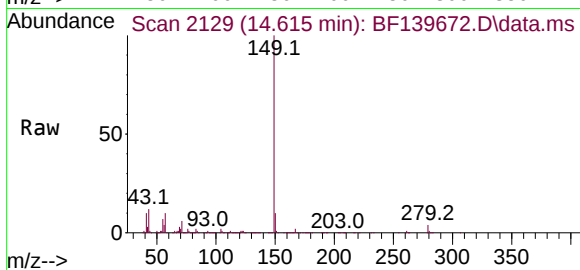
Tgt Ion:149 Resp: 650425

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 12.1 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2278

Delta R.T. -0.012 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

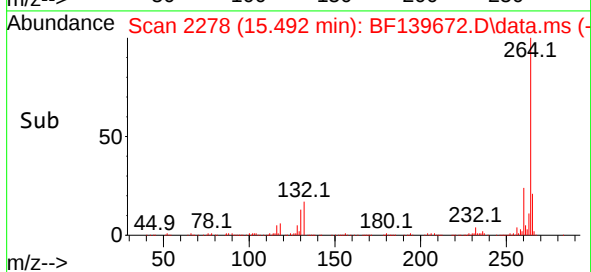
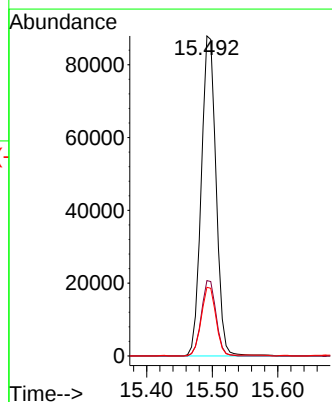
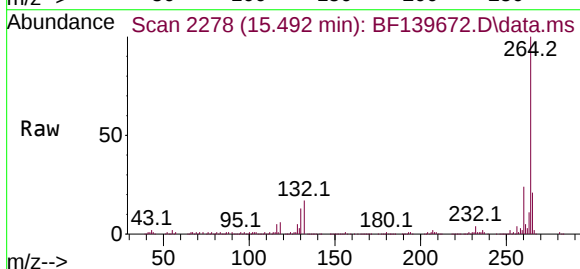
Tgt Ion:264 Resp: 138029

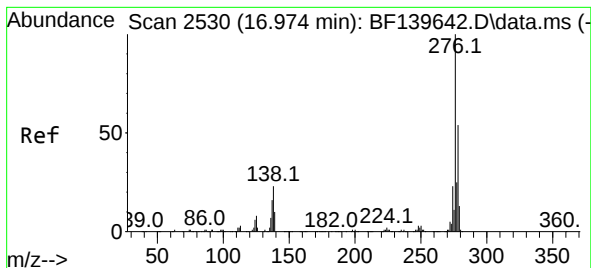
Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.4 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.703 ng

RT: 16.968 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

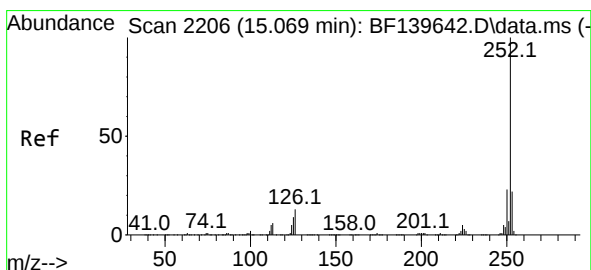
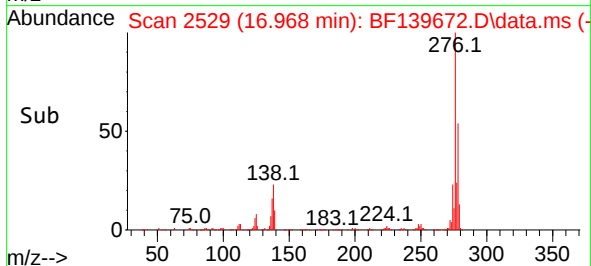
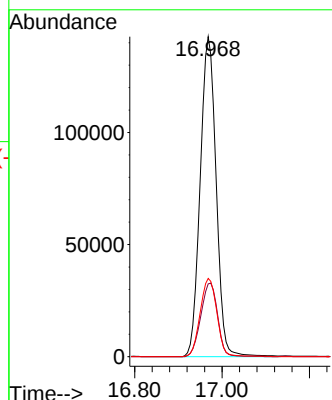
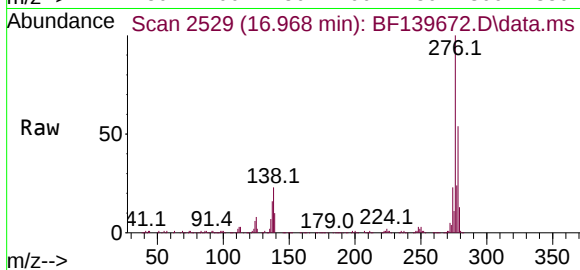
Tgt Ion:276 Resp: 363172

Ion Ratio Lower Upper

276 100

138 24.2 19.4 29.0

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.408 ng

RT: 15.068 min Scan# 2206

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

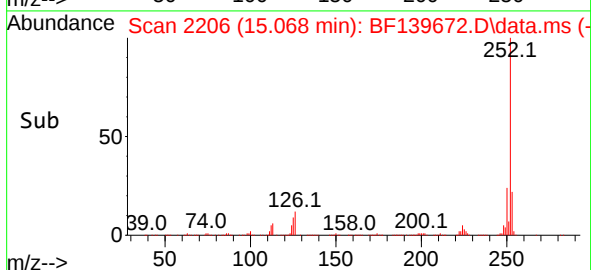
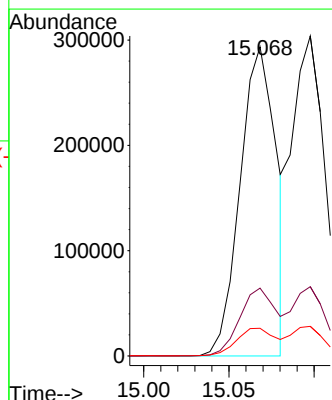
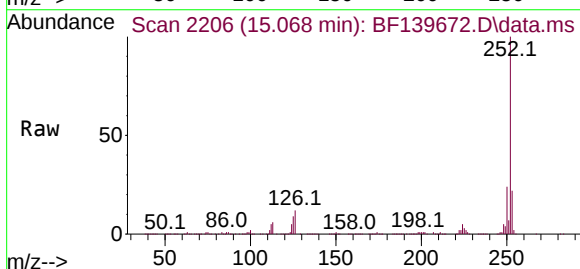
Tgt Ion:252 Resp: 432026

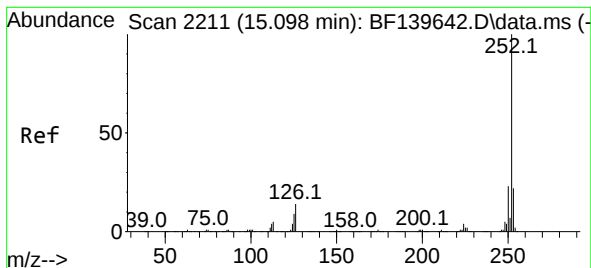
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 8.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 53.886 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

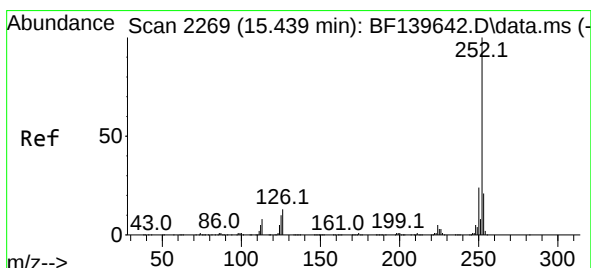
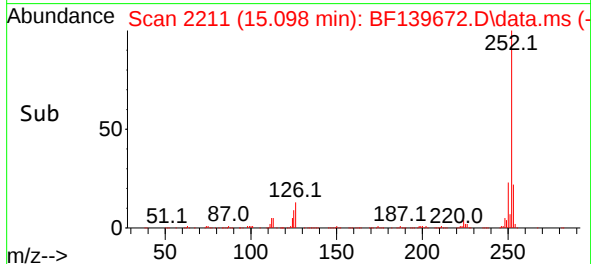
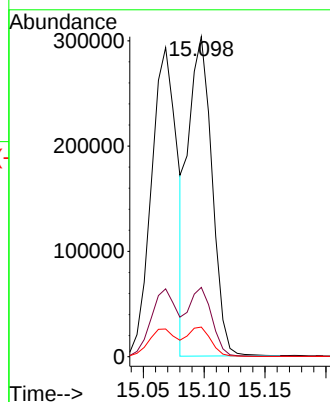
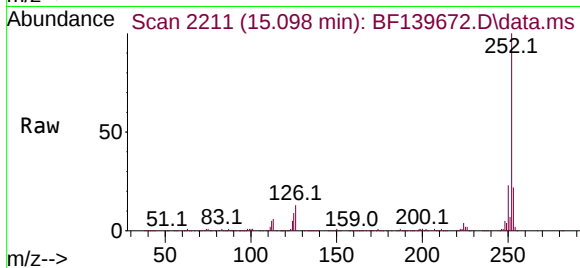
Tgt Ion:252 Resp: 407946

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.2 7.6 11.4



#90

Benzo(a)pyrene

Concen: 52.824 ng

RT: 15.433 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

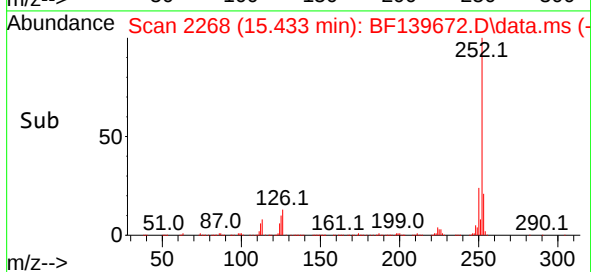
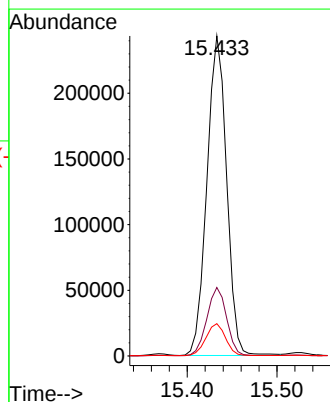
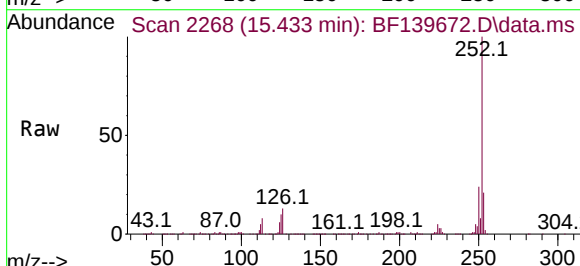
Tgt Ion:252 Resp: 371730

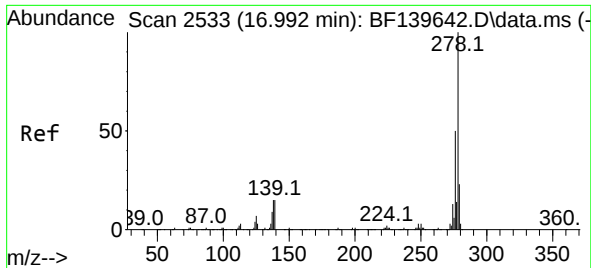
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 10.1 8.3 12.5

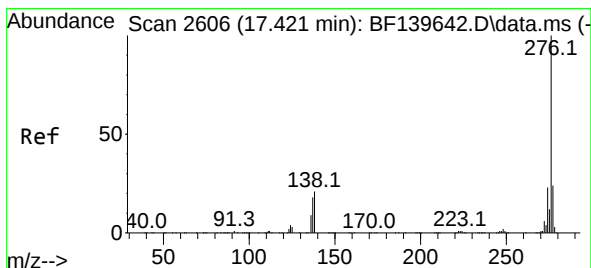
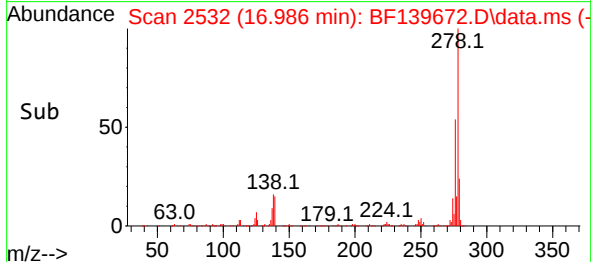
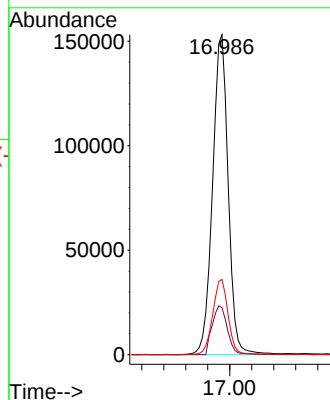
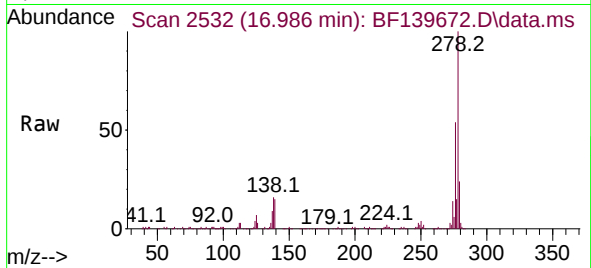




#91
Dibenzo(a,h)anthracene
Concen: 44.924 ng
RT: 16.986 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Instrument :
BNA_F
ClientSampleId :
TP4MSD

Tgt Ion:278 Resp: 302708
Ion Ratio Lower Upper
278 100
139 14.7 12.2 18.4
279 23.5 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 40.163 ng
RT: 17.409 min Scan# 2604
Delta R.T. -0.018 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion:276 Resp: 271409
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.6
138 20.9 17.0 25.6

