

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071524\
 Data File : BF138576.D
 Acq On : 15 Jul 2024 19:15
 Operator : CG\JU
 Sample : P3228-01MSD 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAT-DIS-01-07112024MSD

Quant Time: Jul 16 00:49:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	81433	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	284497	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	126263	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	212057	20.000	ng	0.00
76) Chrysene-d12	14.027	240	119349	20.000	ng	0.00
86) Perylene-d12	15.498	264	104783	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	247006	48.039	ng	0.00
7) Phenol-d6	6.504	99	308836	45.151	ng	0.00
23) Nitrobenzene-d5	7.428	82	193855	33.455	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	51698	43.810	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	304309	37.668	ng	0.00
79) Terphenyl-d14	12.968	244	278905	38.071	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	47389	20.810	ng	98
3) Pyridine	3.428	79	117586	20.938	ng	99
4) n-Nitrosodimethylamine	3.375	42	93240	25.505	ng	98
6) Aniline	6.528	93	84105	13.128	ng	93
8) 2-Chlorophenol	6.651	128	134913	24.814	ng	97
9) Benzaldehyde	6.416	77	15408	4.208	ng	97
10) Phenol	6.516	94	172470	23.755	ng	93
11) bis(2-Chloroethyl)ether	6.598	93	137066	25.075	ng	98
12) 1,3-Dichlorobenzene	6.804	146	145039	23.733	ng	95
13) 1,4-Dichlorobenzene	6.886	146	145971	23.521	ng	100
14) 1,2-Dichlorobenzene	7.034	146	137059	23.713	ng	97
15) Benzyl Alcohol	7.010	79	123809	24.119	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.134	45	259879	24.175	ng	92
17) 2-Methylphenol	7.122	107	103818	23.299	ng	98
18) Hexachloroethane	7.375	117	46371	20.325	ng	94
19) n-Nitroso-di-n-propyla...	7.275	70	100125	23.690	ng	97
20) 3+4-Methylphenols	7.275	107	132194	23.560	ng	# 87
22) Acetophenone	7.275	105	175340	25.376	ng	96
24) Nitrobenzene	7.445	77	146030	24.799	ng	99
25) Isophorone	7.686	82	257741	25.901	ng	99
26) 2-Nitrophenol	7.763	139	59929	23.745	ng	94
27) 2,4-Dimethylphenol	7.804	122	83918	27.054	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	155135	26.086	ng	98
29) 2,4-Dichlorophenol	8.010	162	93978	23.331	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	109950	23.431	ng	98
31) Naphthalene	8.169	128	354274	23.944	ng	99
32) Benzoic acid	7.898	122	39762	13.440	ng	92
33) 4-Chloroaniline	8.222	127	64516	12.427	ng	95
34) Hexachlorobutadiene	8.281	225	68811	23.813	ng	100
35) Caprolactam	8.569	113	25236	19.415	ng	96
36) 4-Chloro-3-methylphenol	8.704	107	93711	20.780	ng	98
37) 2-Methylnaphthalene	8.857	142	209149	21.965	ng	98
38) 1-Methylnaphthalene	8.957	142	192141	20.676	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	87527	24.873	ng	99
41) Hexachlorocyclopentadiene	9.010	237	4164	3.646	ng	95
43) 2,4,6-Trichlorophenol	9.139	196	55485	24.718	ng	97

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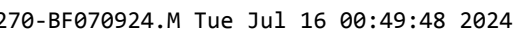
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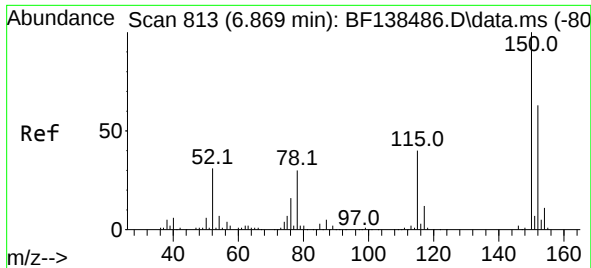
Quant Time: Jul 16 00:49:39 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	55629	22.532	ng	100
46) 1,1'-Biphenyl	9.322	154	235101	24.570	ng	99
47) 2-Chloronaphthalene	9.351	162	181715	25.138	ng	97
48) 2-Nitroaniline	9.445	65	67824	27.076	ng	93
49) Acenaphthylene	9.763	152	270426	26.349	ng	100
50) Dimethylphthalate	9.622	163	219450	26.879	ng	99
51) 2,6-Dinitrotoluene	9.686	165	43010	22.880	ng	99
52) Acenaphthene	9.933	154	163550	23.973	ng	97
53) 3-Nitroaniline	9.857	138	42812	22.220	ng	98
54) 2,4-Dinitrophenol	9.969	184	2393	6.901	ng	# 86
55) Dibenzofuran	10.104	168	244385	24.697	ng	99
56) 4-Nitrophenol	10.022	139	55975	39.374	ng	98
57) 2,4-Dinitrotoluene	10.086	165	53391	21.951	ng	99
58) Fluorene	10.451	166	185490	23.691	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.227	232	42112	21.613	ng	97
60) Diethylphthalate	10.316	149	201992	25.663	ng	98
61) 4-Chlorophenyl-phenylether	10.439	204	93991	23.906	ng	94
62) 4-Nitroaniline	10.463	138	44265	22.927	ng	96
63) Azobenzene	10.598	77	199590	23.586	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	2877	2.350	ng	78
66) n-Nitrosodiphenylamine	10.557	169	160236	25.221	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	52254	23.975	ng	93
68) Hexachlorobenzene	10.998	284	54164	22.370	ng	92
69) Atrazine	11.086	200	52274	24.816	ng	98
70) Pentachlorophenol	11.192	266	50843	35.486	ng	97
71) Phenanthrene	11.410	178	294008	27.443	ng	100
72) Anthracene	11.463	178	281573	26.477	ng	99
73) Carbazole	11.621	167	243915	25.522	ng	99
74) Di-n-butylphthalate	11.945	149	298255	27.074	ng	100
75) Fluoranthene	12.598	202	318745	29.158	ng	97
77) Benzidine	12.721	184	12527	4.160	ng	# 91
78) Pyrene	12.827	202	317248	26.185	ng	98
80) Butylbenzylphthalate	13.445	149	114314	31.365	ng	98
81) Benzo(a)anthracene	14.015	228	212964	26.593	ng	97
82) 3,3'-Dichlorobenzidine	13.980	252	45180	21.894	ng	99
83) Chrysene	14.051	228	202083	26.674	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	149536	38.471	ng	97
85) Di-n-octyl phthalate	14.610	149	213526	34.773	ng	97
87) Indeno(1,2,3-cd)pyrene	16.968	276	153961	21.875	ng	97
88) Benzo(b)fluoranthene	15.068	252	162536	27.544	ng	98
89) Benzo(k)fluoranthene	15.068	252	162536	28.241	ng	99
90) Benzo(a)pyrene	15.433	252	141488	27.294	ng	98
91) Dibenzo(a,h)anthracene	16.986	278	121788	21.153	ng	99
92) Benzo(g,h,i)perylene	17.421	276	108097	17.706	ng	97

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

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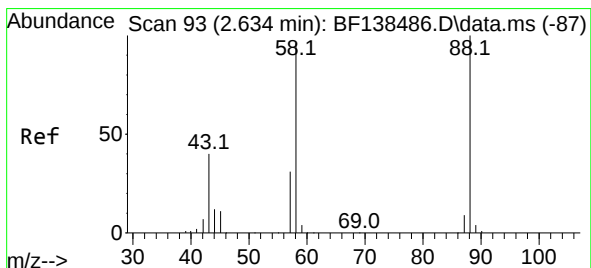
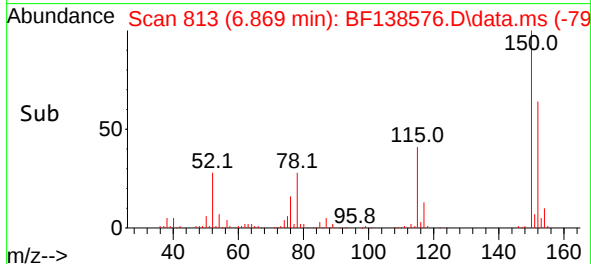
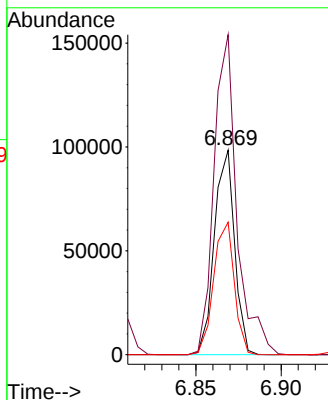
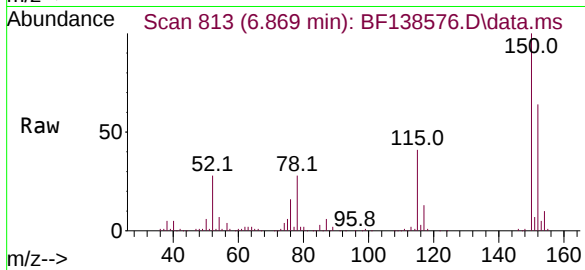




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF138576.D
 Acq: 15 Jul 2024 19:15

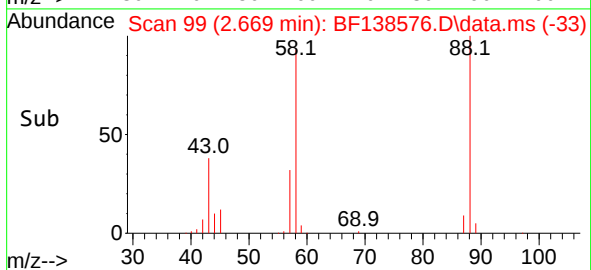
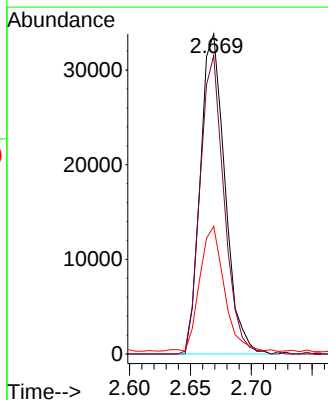
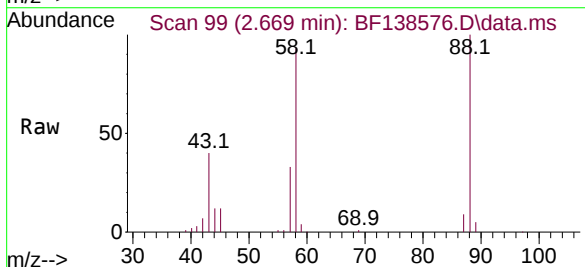
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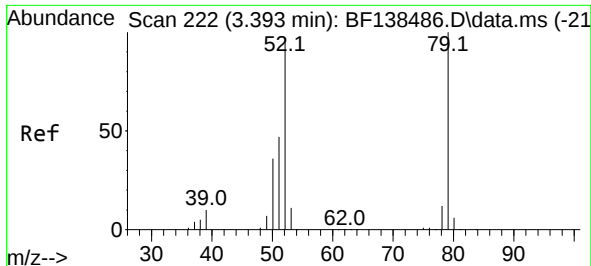
Tgt Ion:152 Resp: 81433
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.2 189.4
 115 64.8 50.3 75.5



#2
 1,4-Dioxane
 Concen: 20.810 ng
 RT: 2.669 min Scan# 99
 Delta R.T. 0.035 min
 Lab File: BF138576.D
 Acq: 15 Jul 2024 19:15

Tgt Ion: 88 Resp: 47389
 Ion Ratio Lower Upper
 88 100
 58 91.2 74.6 112.0
 43 38.7 31.8 47.6





#3

Pyridine

Concen: 20.938 ng

RT: 3.428 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

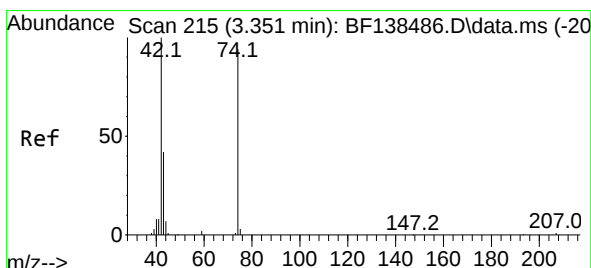
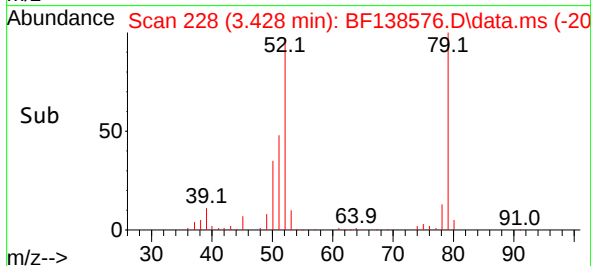
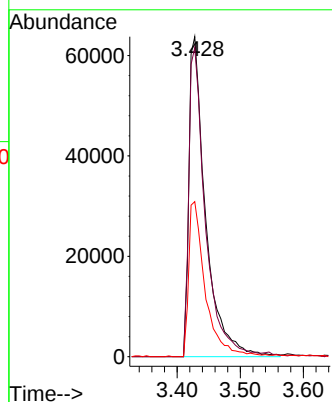
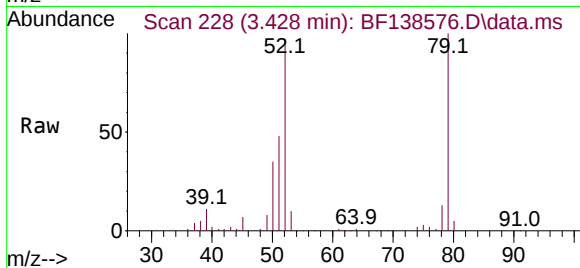
Tgt Ion: 79 Resp: 117586

Ion Ratio Lower Upper

79 100

52 96.5 77.4 116.2

51 48.4 37.4 56.0



#4

n-Nitrosodimethylamine

Concen: 25.505 ng

RT: 3.375 min Scan# 219

Delta R.T. 0.024 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

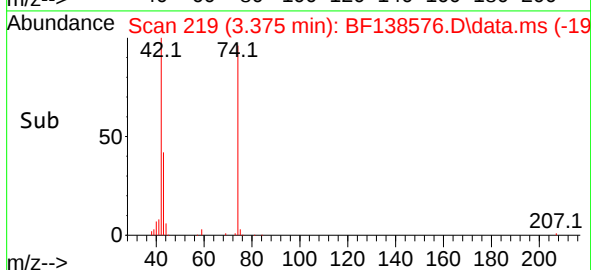
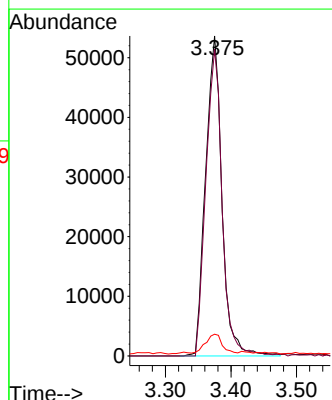
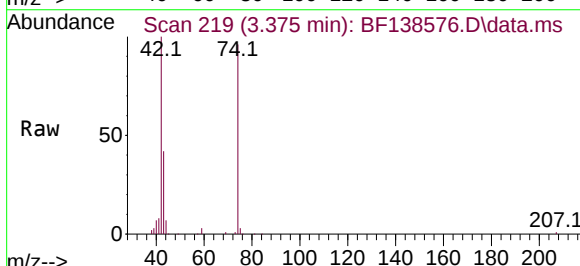
Tgt Ion: 42 Resp: 93240

Ion Ratio Lower Upper

42 100

74 95.8 75.0 112.6

44 6.8 5.4 8.2

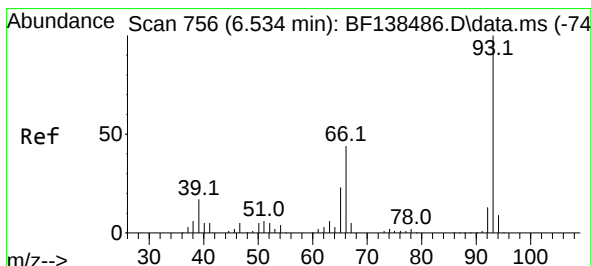
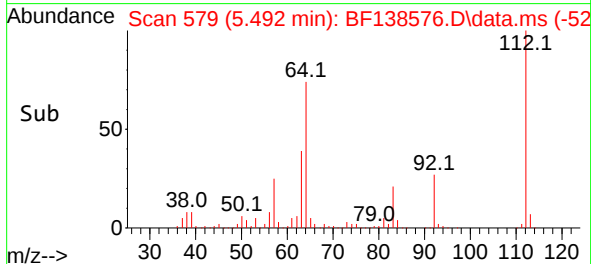
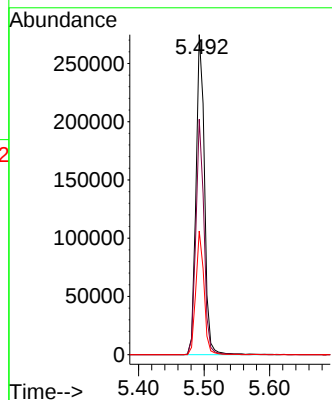
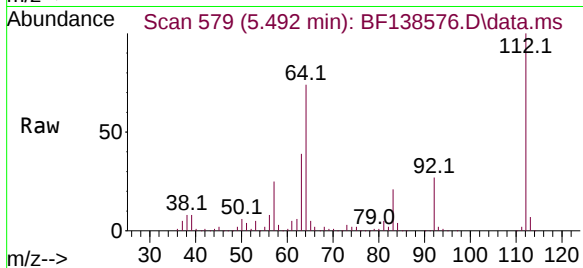




#5
2-Fluorophenol
Concen: 48.039 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

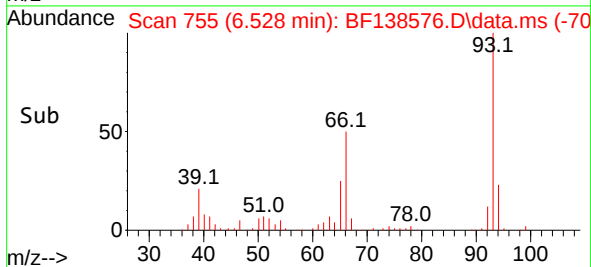
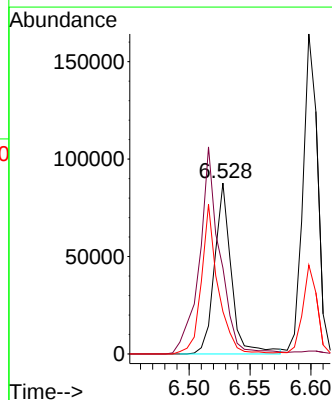
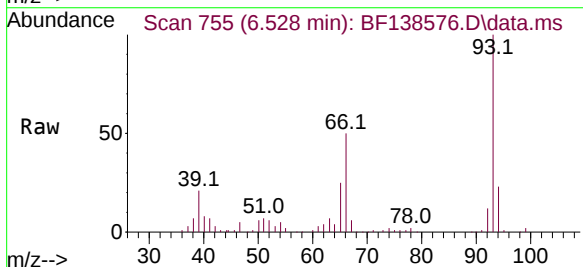
Instrument :
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Tgt Ion:112 Resp: 247006
Ion Ratio Lower Upper
112 100
64 73.5 55.1 82.7
63 38.7 29.0 43.6



#6
Aniline
Concen: 13.128 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion: 93 Resp: 84105
Ion Ratio Lower Upper
93 100
66 50.4 35.4 53.0
65 24.8 18.6 27.8





#7

Phenol-d6

Concen: 45.151 ng

RT: 6.504 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

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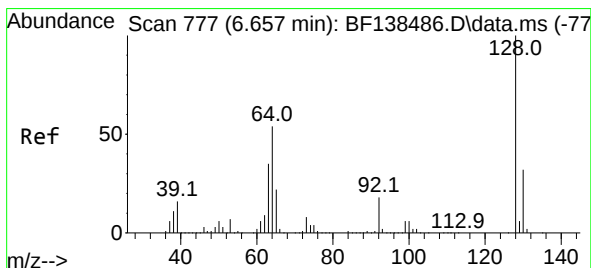
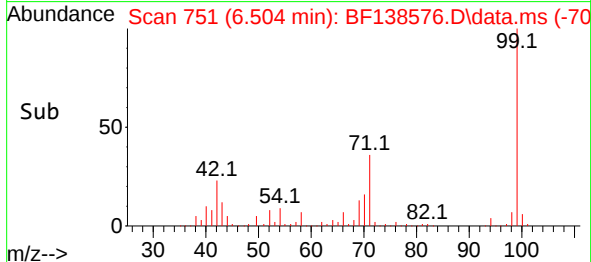
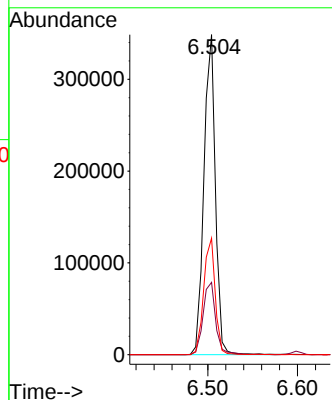
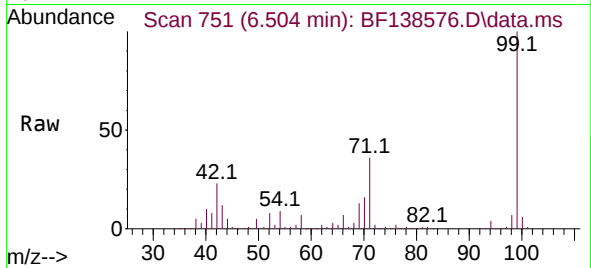
Tgt Ion: 99 Resp: 308836

Ion Ratio Lower Upper

99 100

42 22.6 19.7 29.5

71 36.4 29.9 44.9



#8

2-Chlorophenol

Concen: 24.814 ng

RT: 6.651 min Scan# 776

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

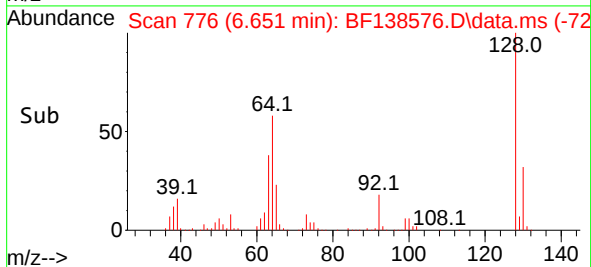
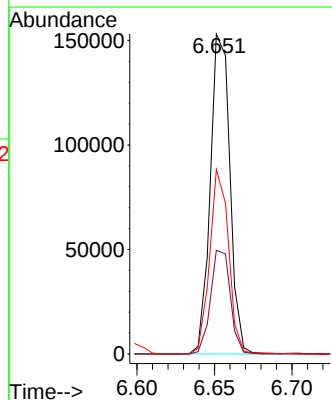
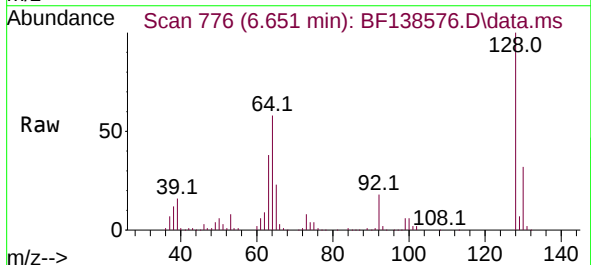
Tgt Ion: 128 Resp: 134913

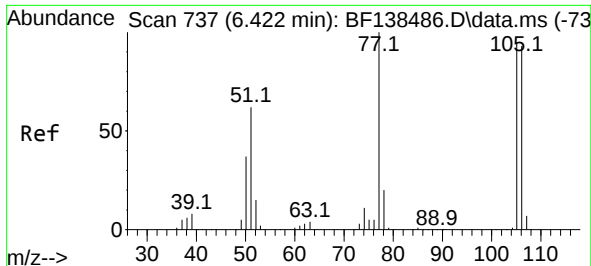
Ion Ratio Lower Upper

128 100

130 32.4 12.1 52.1

64 57.7 34.4 74.4





#9

Benzaldehyde

Concen: 4.208 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

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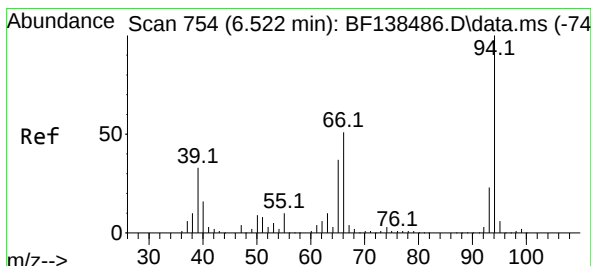
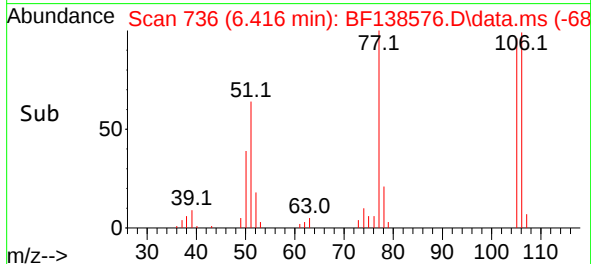
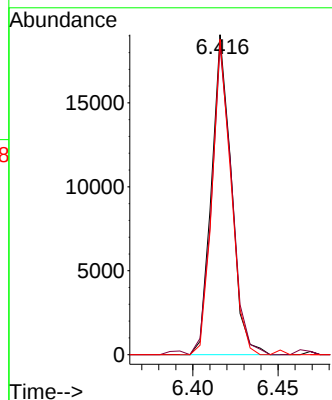
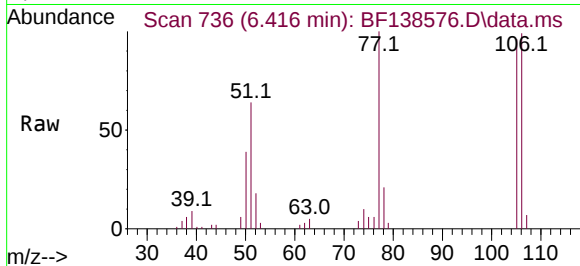
Tgt Ion: 77 Resp: 15408

Ion Ratio Lower Upper

77 100

105 96.3 75.1 115.1

106 98.5 73.2 113.2



#10

Phenol

Concen: 23.755 ng

RT: 6.516 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

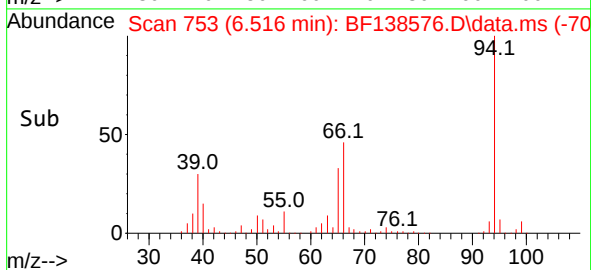
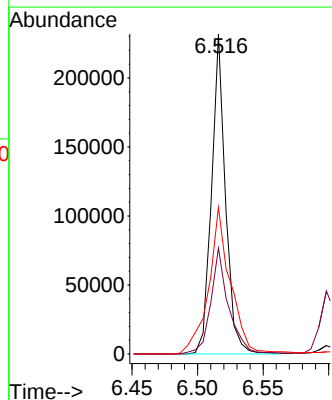
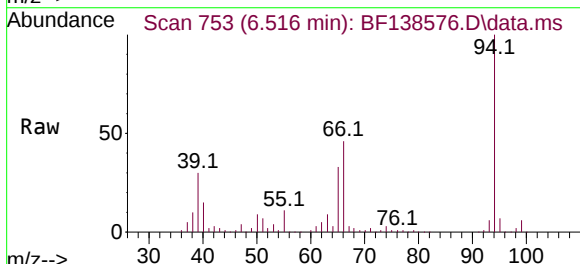
Tgt Ion: 94 Resp: 172470

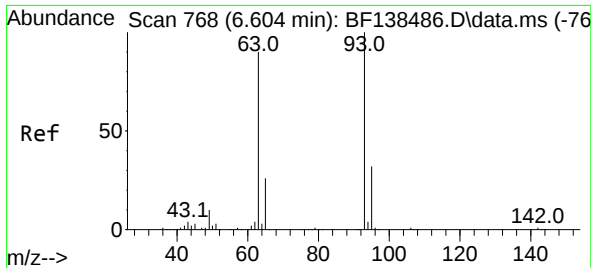
Ion Ratio Lower Upper

94 100

65 33.1 16.7 56.7

66 45.8 31.2 71.2

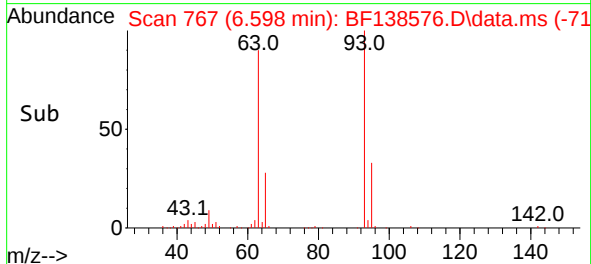
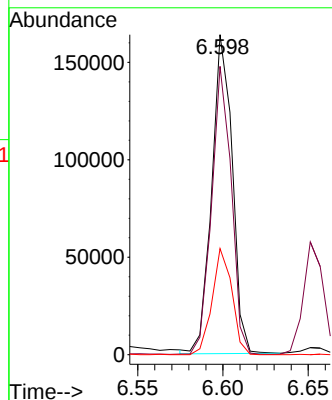
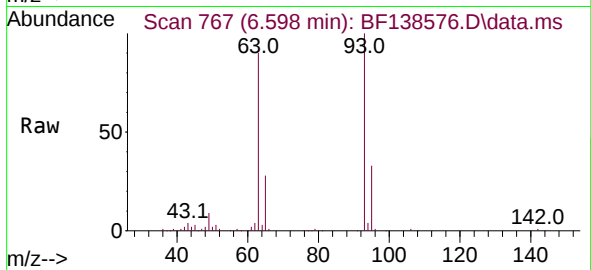




#11
bis(2-Chloroethyl)ether
Concen: 25.075 ng
RT: 6.598 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

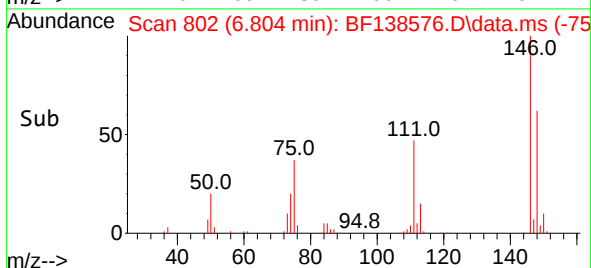
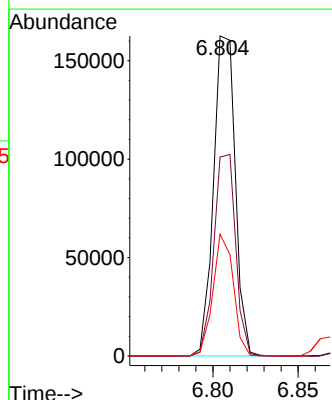
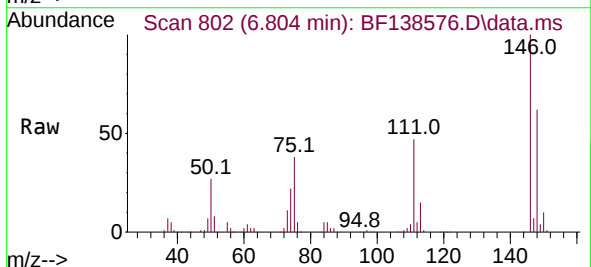
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD

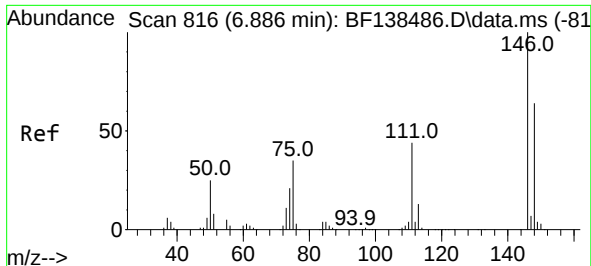
Tgt Ion: 93 Resp: 137066
Ion Ratio Lower Upper
93 100
63 90.1 68.8 108.8
95 33.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 23.733 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion:146 Resp: 145039
Ion Ratio Lower Upper
146 100
148 62.1 52.4 78.6
75 38.1 27.8 41.8

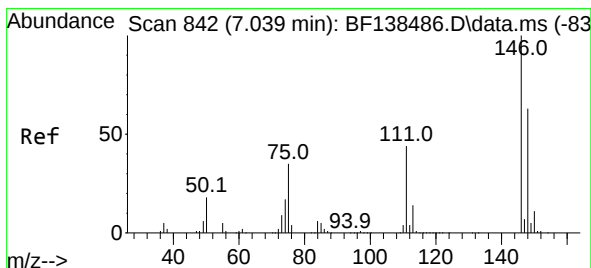
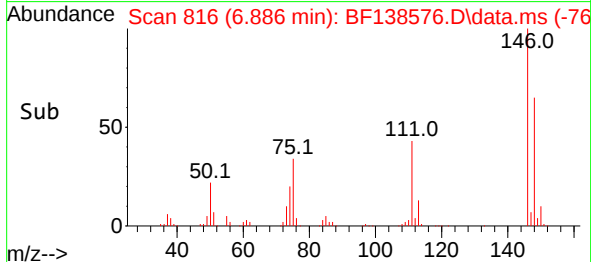
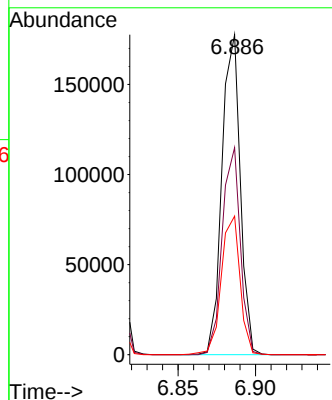
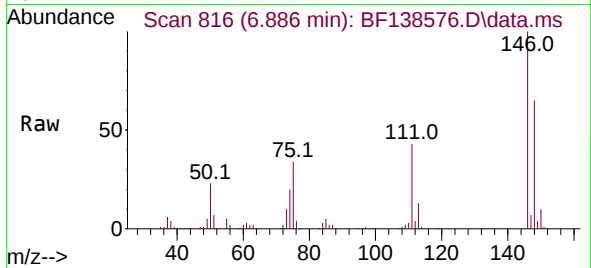




#13
1,4-Dichlorobenzene
Concen: 23.521 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

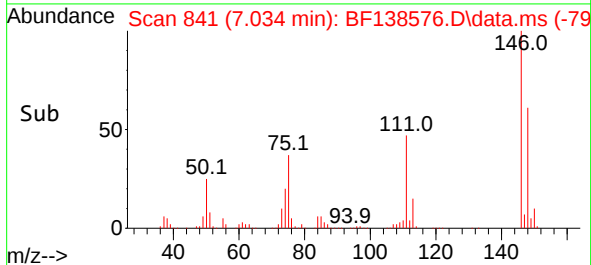
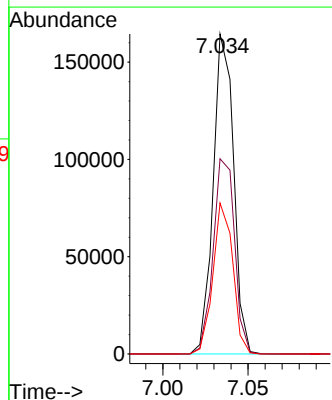
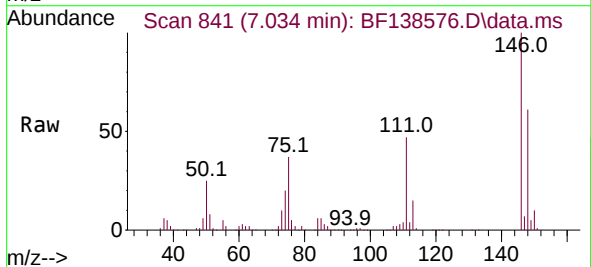
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD

Tgt Ion:146 Resp: 145971
Ion Ratio Lower Upper
146 100
148 64.7 51.6 77.4
111 43.3 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 23.713 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion:146 Resp: 137059
Ion Ratio Lower Upper
146 100
148 61.0 50.1 75.1
111 47.1 35.5 53.3

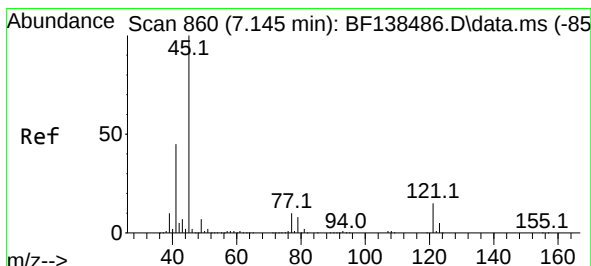
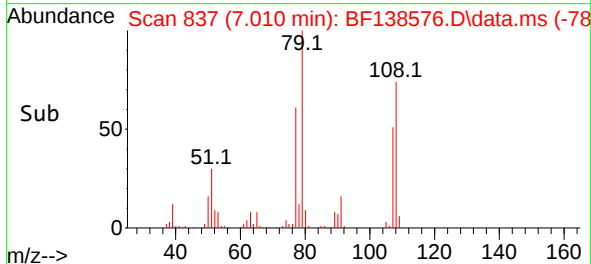
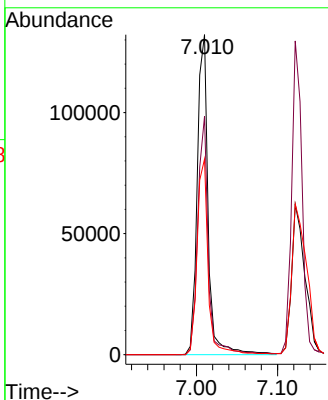
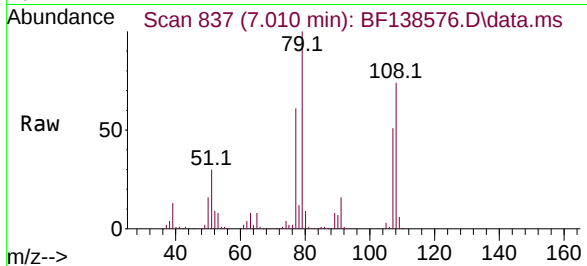




#15
Benzyl Alcohol
Concen: 24.119 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

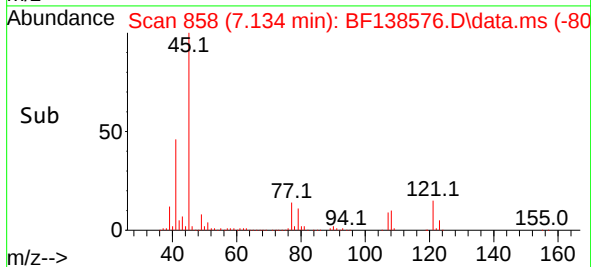
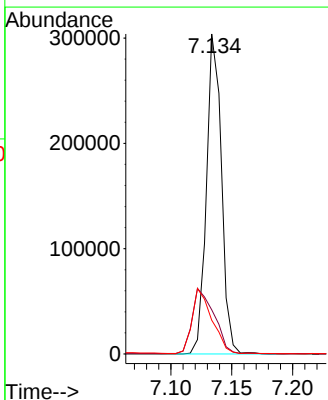
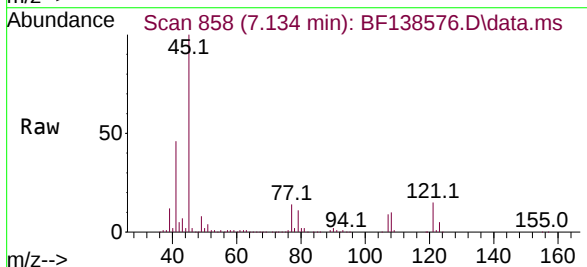
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD

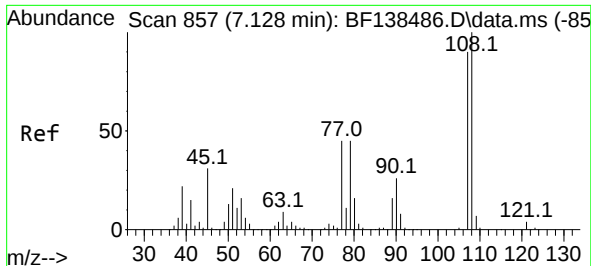
Tgt Ion: 79 Resp: 123809
Ion Ratio Lower Upper
79 100
108 74.5 54.3 81.5
77 61.1 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.175 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.012 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion: 45 Resp: 259879
Ion Ratio Lower Upper
45 100
77 13.8 0.0 30.4
79 10.6 0.0 28.1

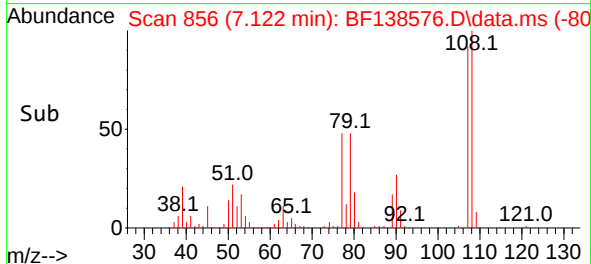
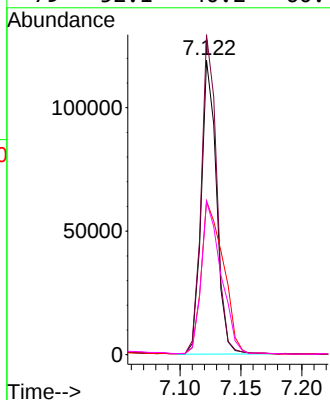
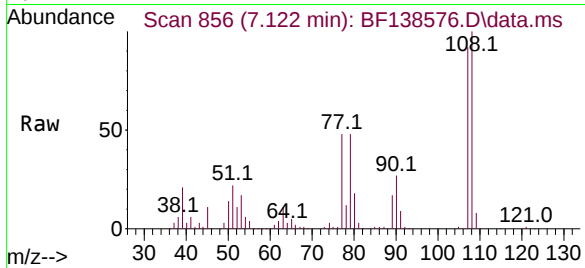




#17
2-Methylphenol
Concen: 23.299 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

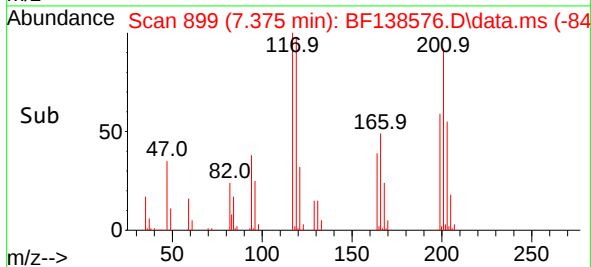
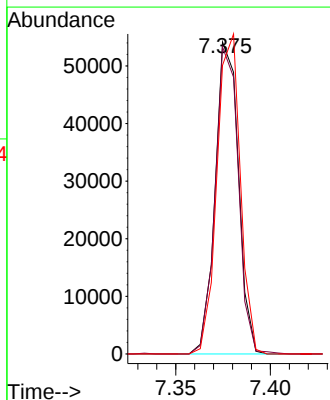
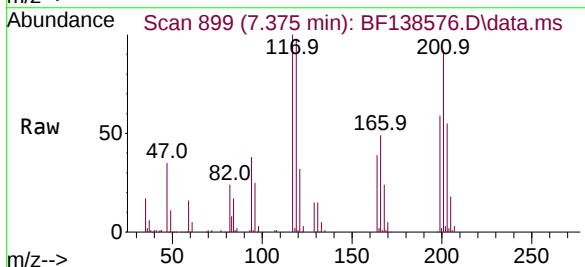
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD

Tgt Ion:	107	Resp:	103818
Ion	Ratio	Lower	Upper
107	100		
108	108.7	89.0	133.4
77	52.2	40.3	60.5
79	52.1	40.2	60.4



#18
Hexachloroethane
Concen: 20.325 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion:	117	Resp:	46371
Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.6	114.8
201	92.5	81.4	122.0

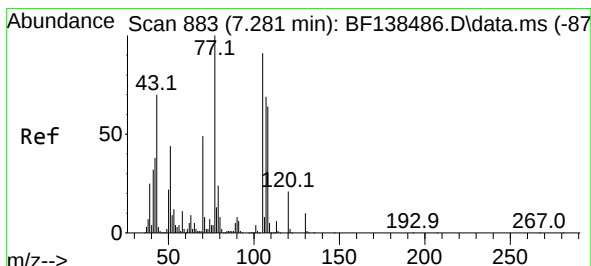
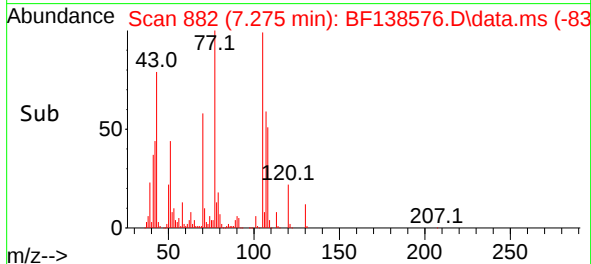
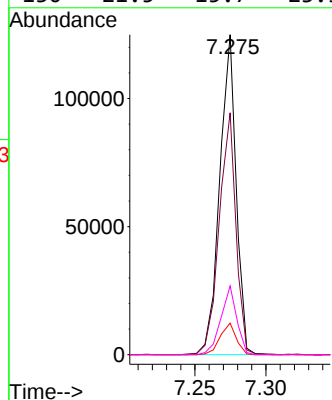
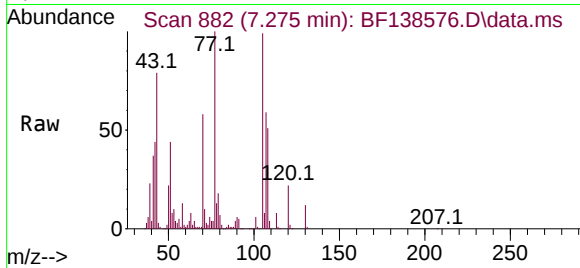




#19
n-Nitroso-di-n-propylamine
Concen: 23.690 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

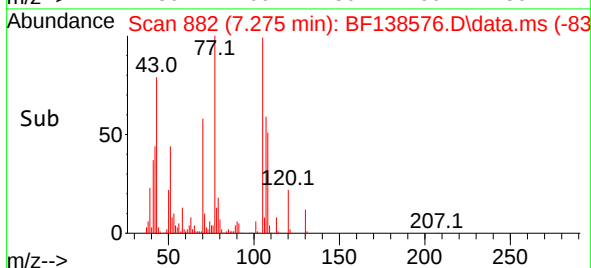
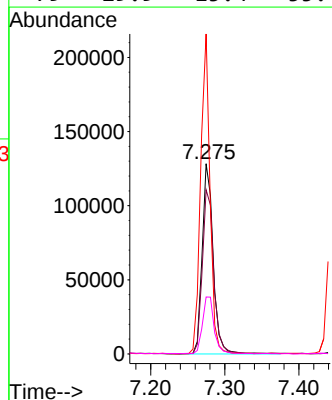
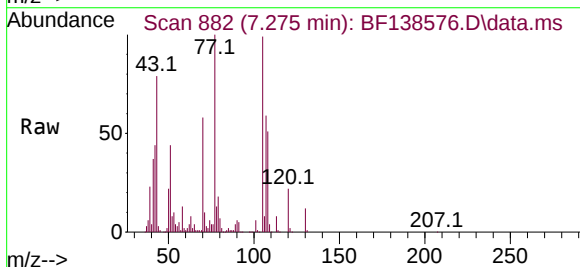
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD

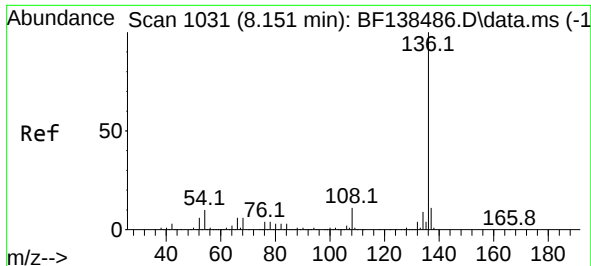
Tgt Ion:	70	Resp:	100125
Ion	Ratio	Lower	Upper
70	100		
42	75.6	62.4	93.6
101	9.8	7.2	10.8
130	21.5	15.7	23.5



#20
3+4-Methylphenols
Concen: 23.560 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

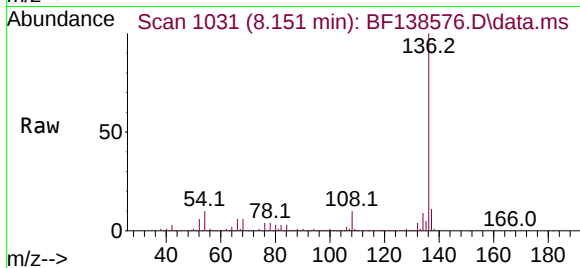
Tgt Ion:	107	Resp:	132194
Ion	Ratio	Lower	Upper
107	100		
108	86.3	73.7	113.7
77	168.2	126.0	166.0#
79	29.9	15.4	55.4



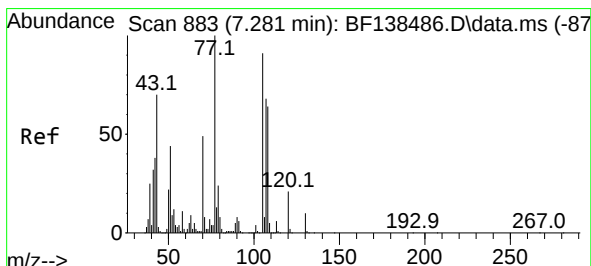
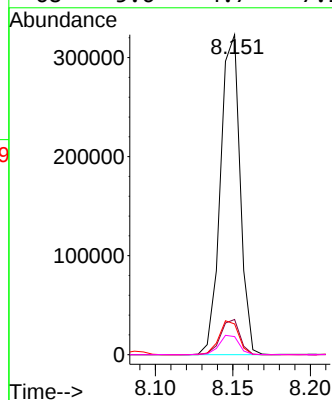
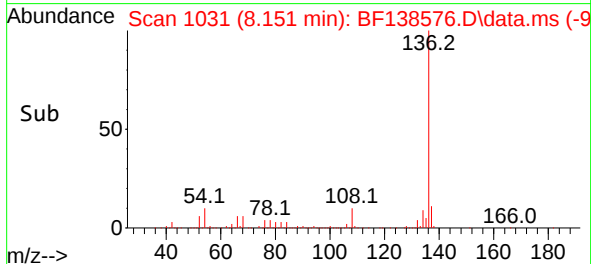


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD

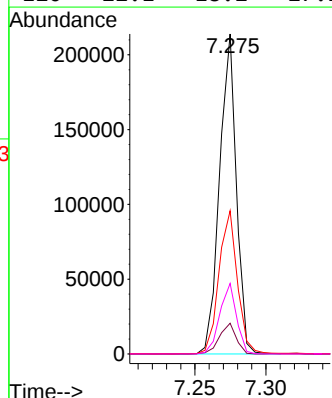
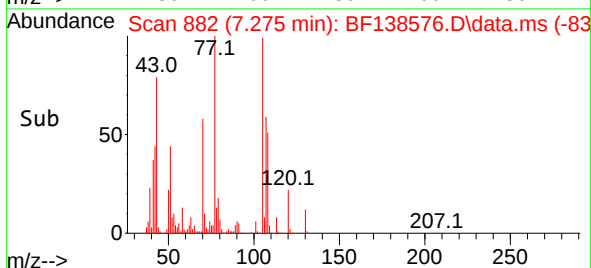
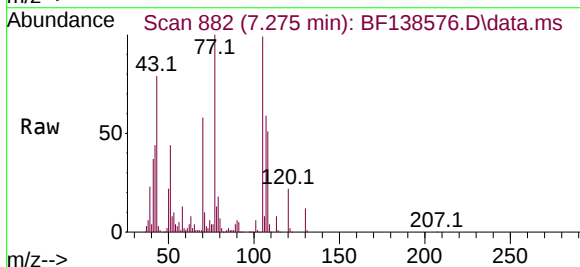


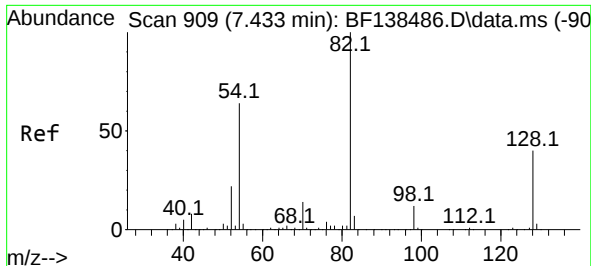
Tgt Ion:	136	Resp:	284497
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	9.6	8.1	12.1
68	5.6	4.7	7.1



#22
Acetophenone
Concen: 25.376 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion:	105	Resp:	175340
Ion Ratio	Lower	Upper	
105	100		
71	9.6	7.4	11.2
51	44.8	38.7	58.1
120	22.1	18.2	27.2





#23

Nitrobenzene-d5

Concen: 33.455 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

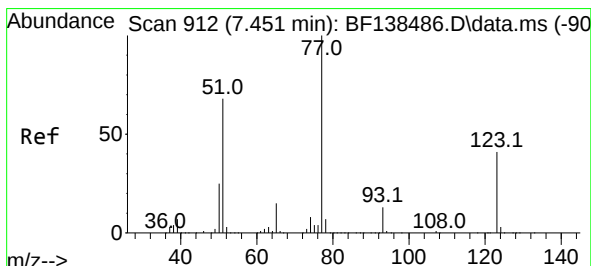
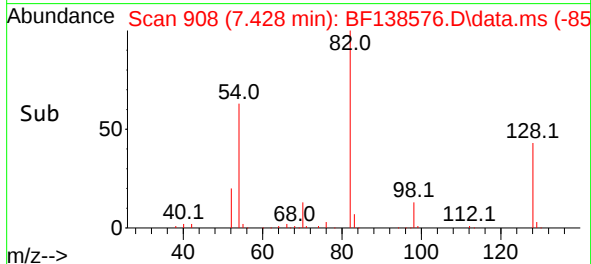
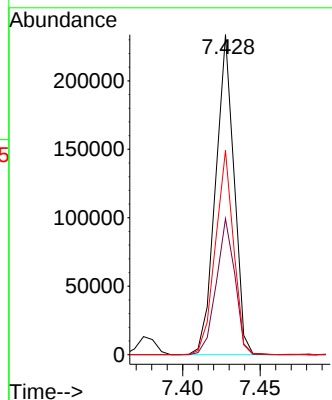
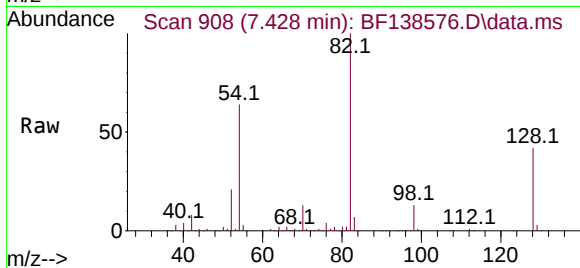
Tgt Ion: 82 Resp: 193855

Ion Ratio Lower Upper

82 100

128 42.5 32.3 48.5

54 63.8 51.4 77.0



#24

Nitrobenzene

Concen: 24.799 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

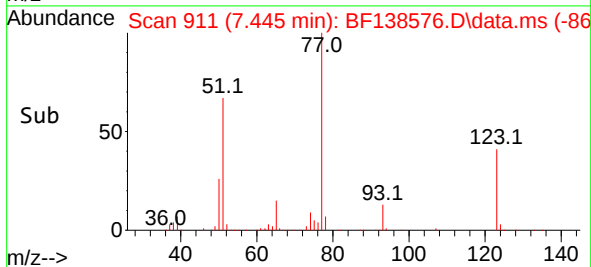
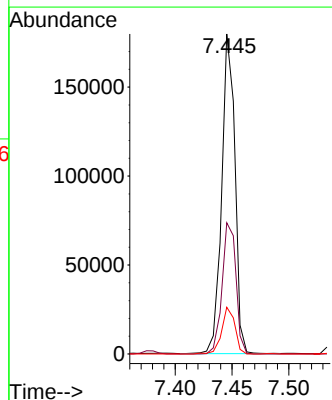
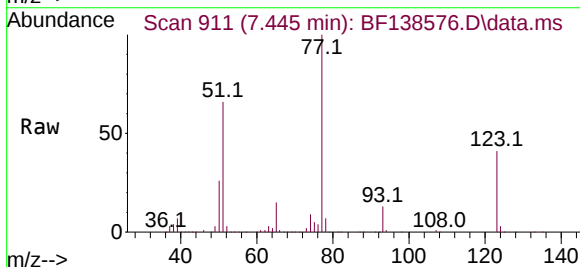
Tgt Ion: 77 Resp: 146030

Ion Ratio Lower Upper

77 100

123 41.0 32.4 48.6

65 14.6 11.8 17.8

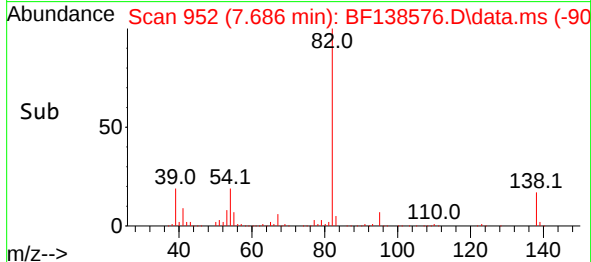
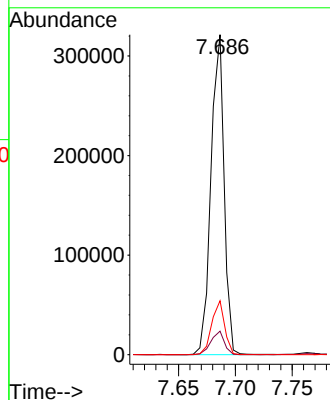
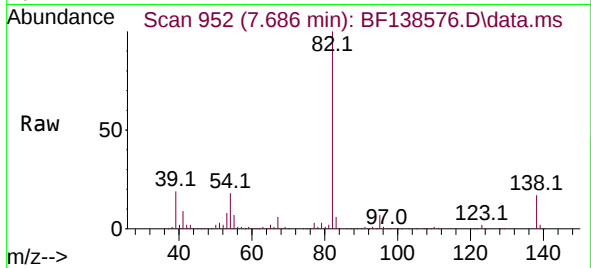




#25
Isophorone
Concen: 25.901 ng
RT: 7.686 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

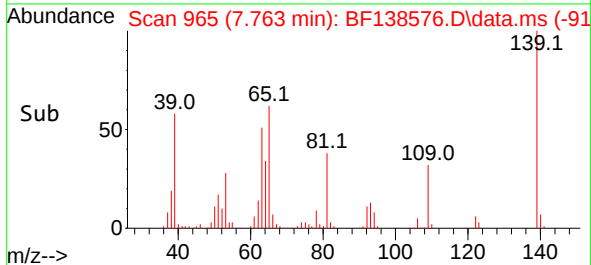
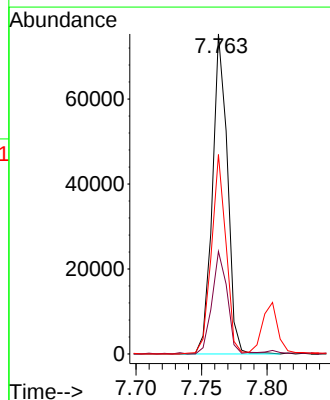
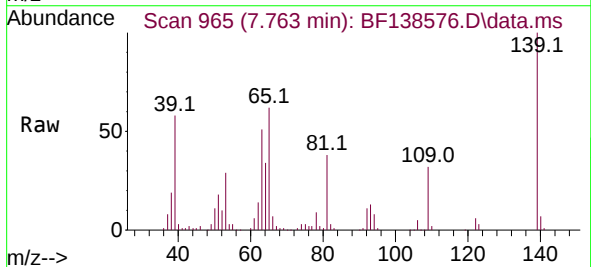
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD

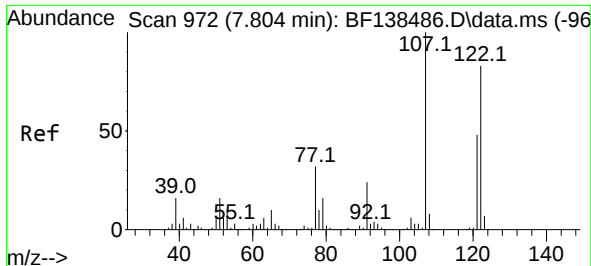
Tgt Ion: 82 Resp: 257741
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 16.8 12.8 19.2



#26
2-Nitrophenol
Concen: 23.745 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion:139 Resp: 59929
Ion Ratio Lower Upper
139 100
109 32.1 24.8 37.2
65 62.3 45.1 67.7

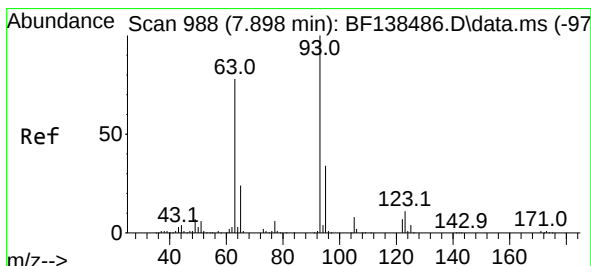
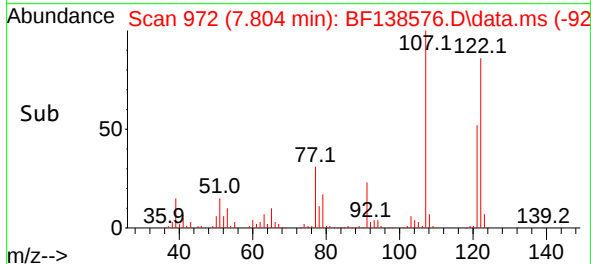
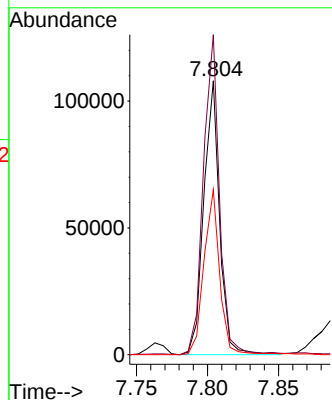
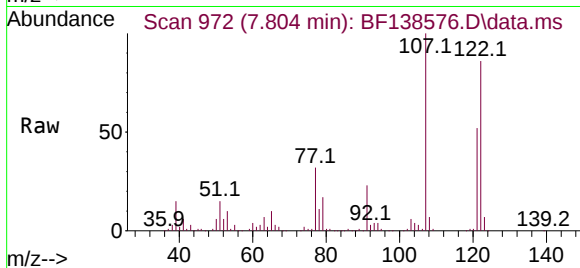




#27
2,4-Dimethylphenol
Concen: 27.054 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

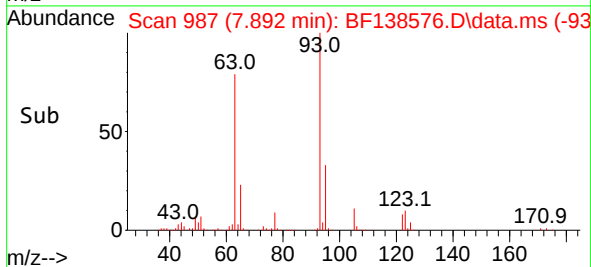
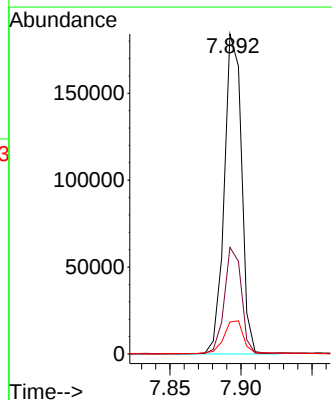
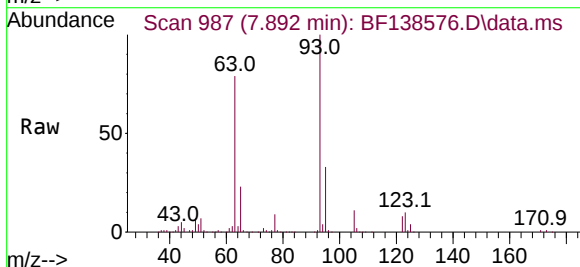
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD

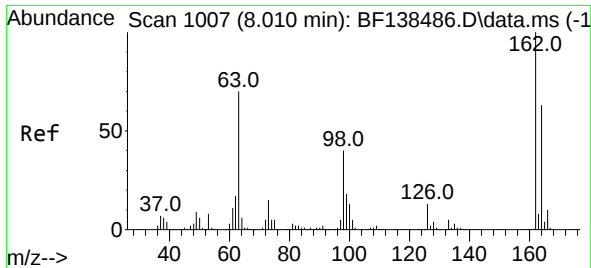
Tgt Ion:122 Resp: 83918
Ion Ratio Lower Upper
122 100
107 116.8 96.3 144.5
121 60.2 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 26.086 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion: 93 Resp: 155135
Ion Ratio Lower Upper
93 100
95 33.3 27.0 40.6
123 10.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 23.331 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

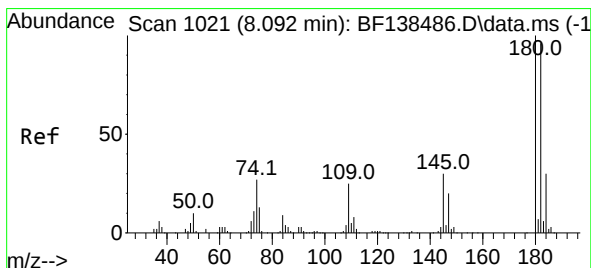
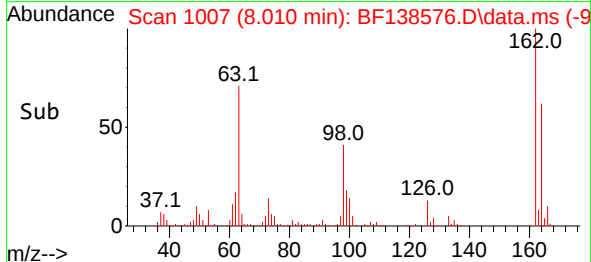
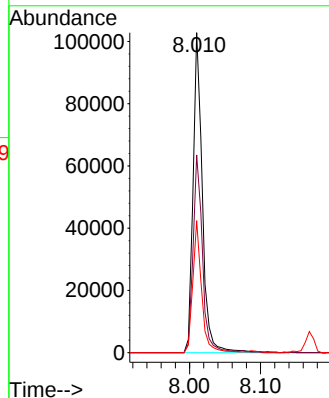
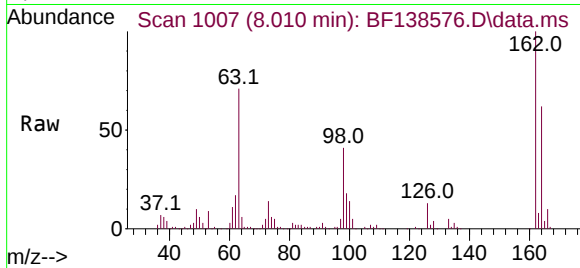
Tgt Ion:162 Resp: 93978

Ion Ratio Lower Upper

162 100

164 61.8 42.6 82.6

98 41.2 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 23.431 ng

RT: 8.086 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

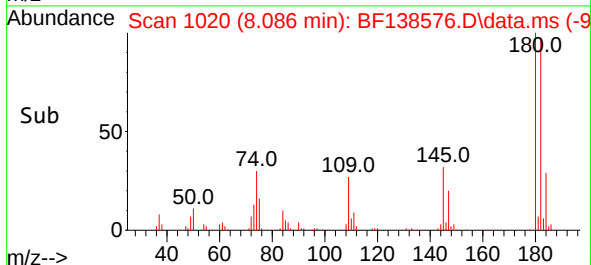
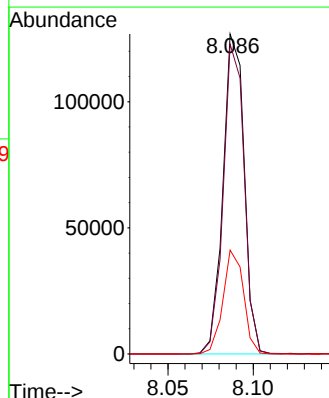
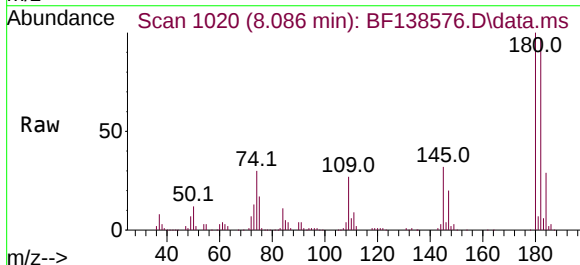
Tgt Ion:180 Resp: 109950

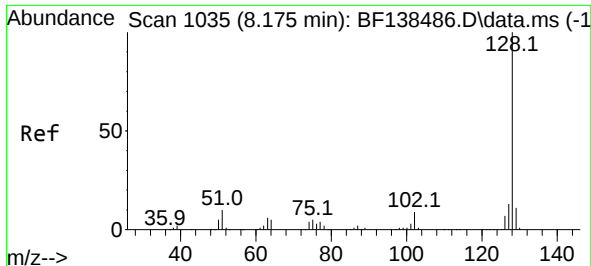
Ion Ratio Lower Upper

180 100

182 96.8 76.9 115.3

145 32.5 23.9 35.9

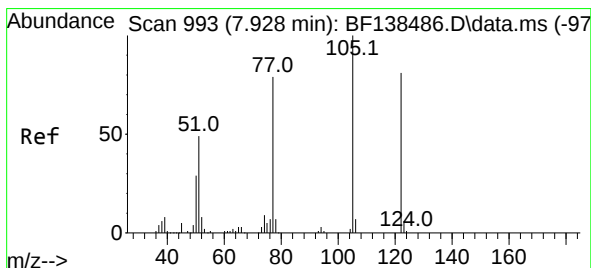
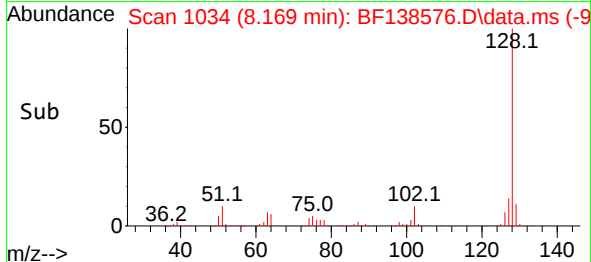
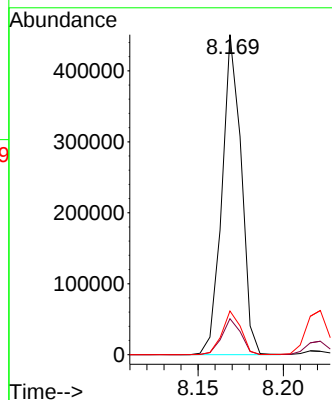
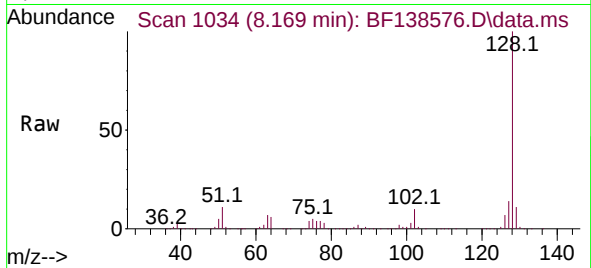




#31
Naphthalene
Concen: 23.944 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

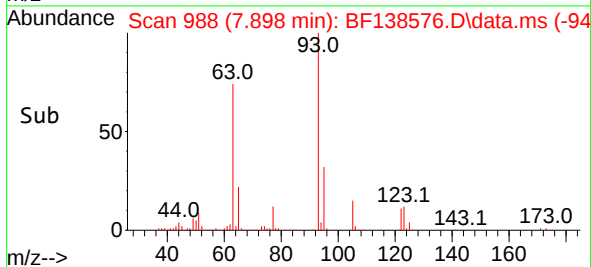
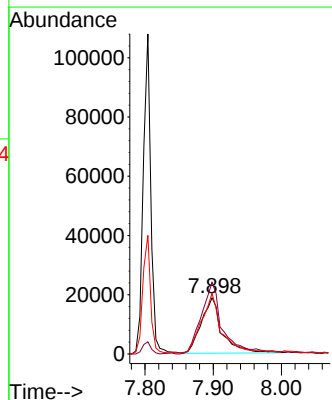
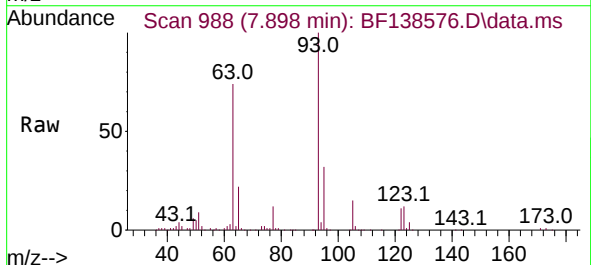
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD

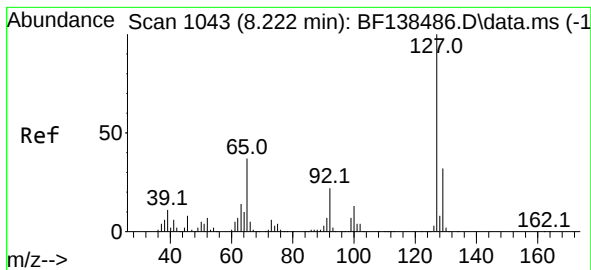
Tgt Ion:128 Resp: 354274
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 13.440 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.029 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion:122 Resp: 39762
Ion Ratio Lower Upper
122 100
105 127.8 101.5 141.5
77 107.8 77.3 117.3





#33

4-Chloroaniline

Concen: 12.427 ng

RT: 8.222 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

Tgt Ion:127 Resp: 64516

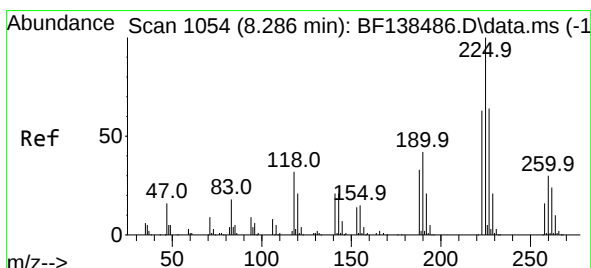
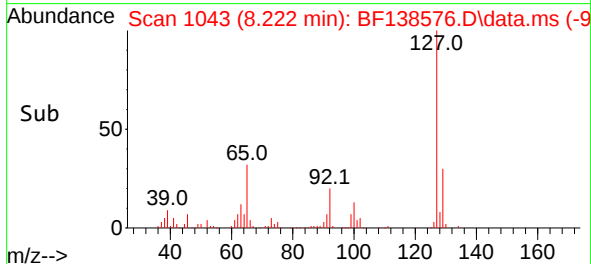
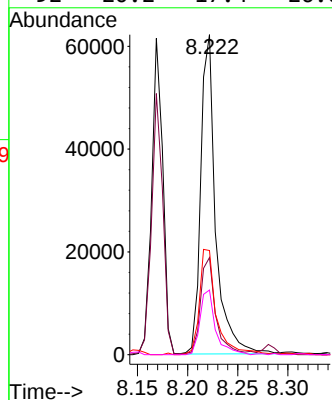
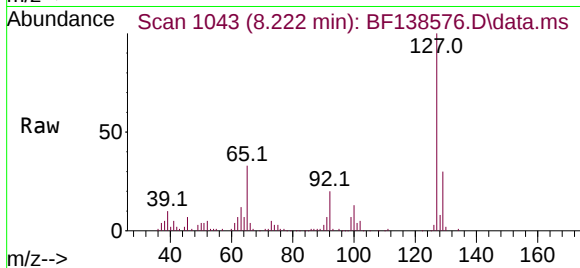
Ion Ratio Lower Upper

127 100

129 30.4 25.6 38.4

65 32.5 29.6 44.4

92 20.2 17.4 26.0



#34

Hexachlorobutadiene

Concen: 23.813 ng

RT: 8.281 min Scan# 1053

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

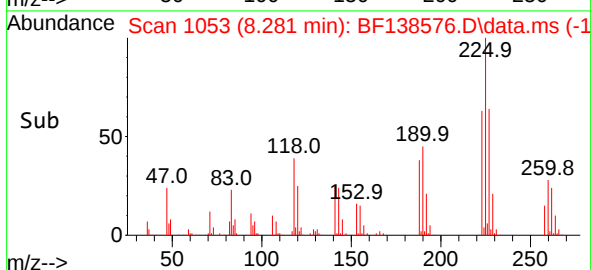
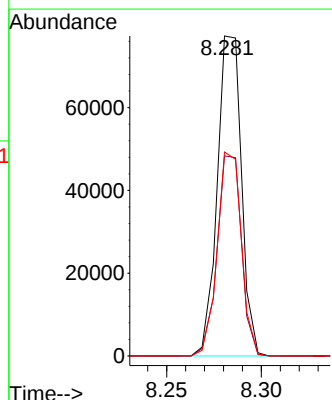
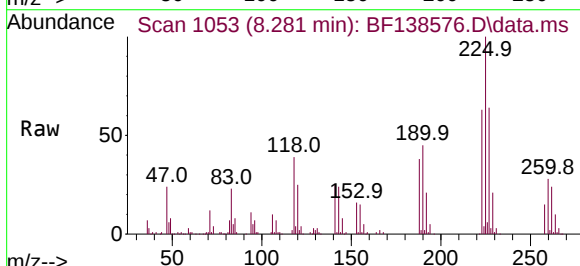
Tgt Ion:225 Resp: 68811

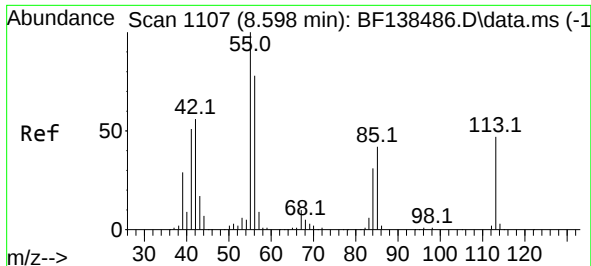
Ion Ratio Lower Upper

225 100

223 62.6 50.0 75.0

227 63.7 51.0 76.6





#35

Caprolactam

Concen: 19.415 ng

RT: 8.569 min Scan# 1102

Delta R.T. -0.029 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

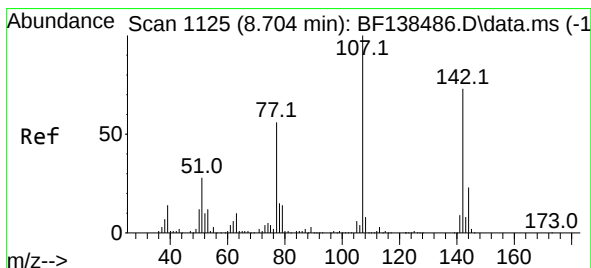
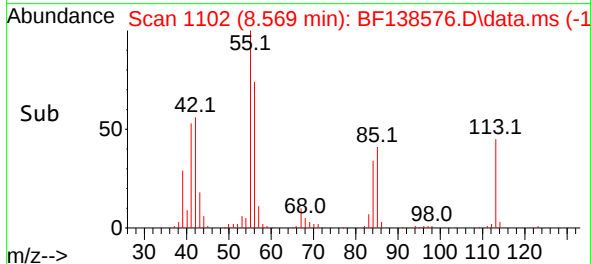
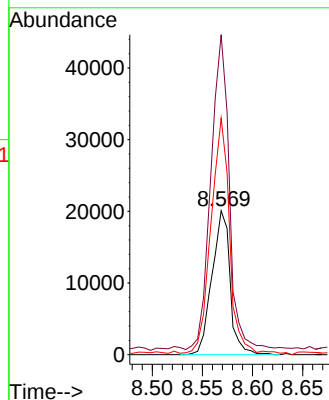
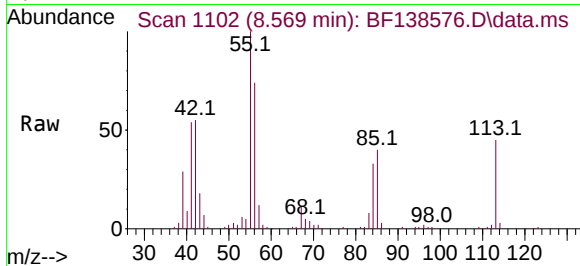
Tgt Ion:113 Resp: 25236

Ion Ratio Lower Upper

113 100

55 222.4 192.5 232.5

56 164.4 145.3 185.3



#36

4-Chloro-3-methylphenol

Concen: 20.780 ng

RT: 8.704 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

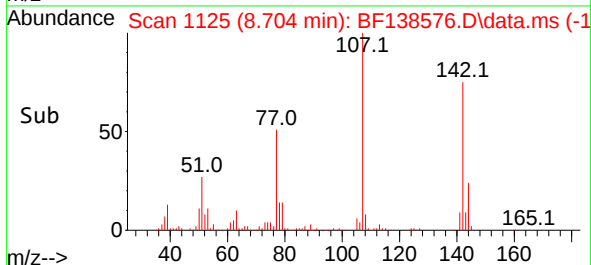
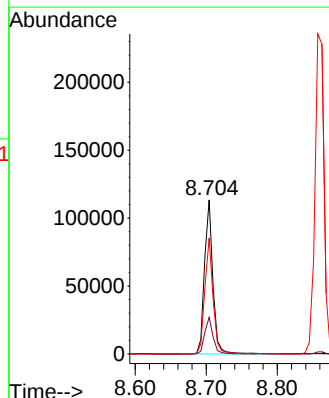
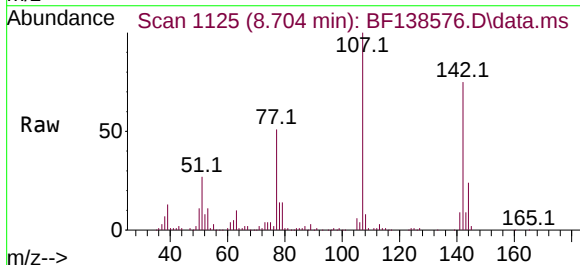
Tgt Ion:107 Resp: 93711

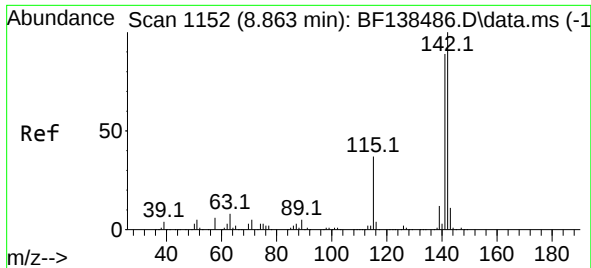
Ion Ratio Lower Upper

107 100

144 23.7 18.6 27.8

142 75.1 58.6 88.0

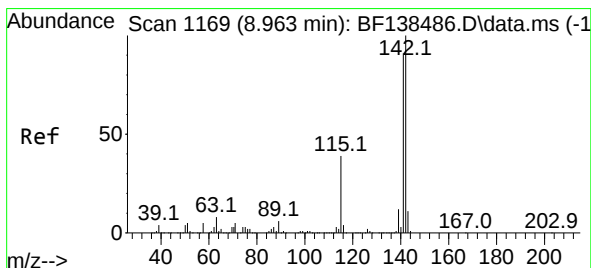
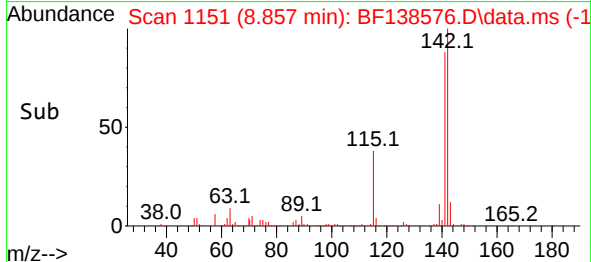
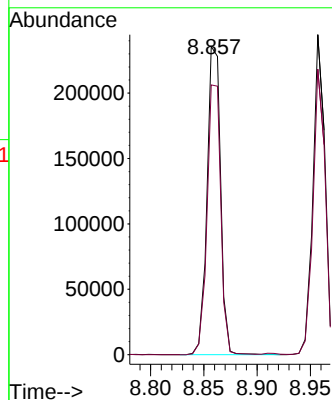
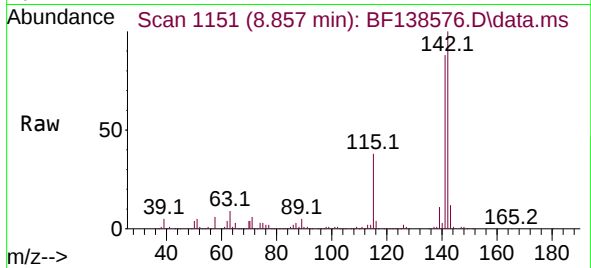




#37
2-Methylnaphthalene
Concen: 21.965 ng
RT: 8.857 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

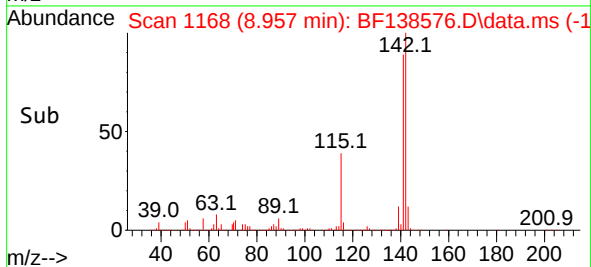
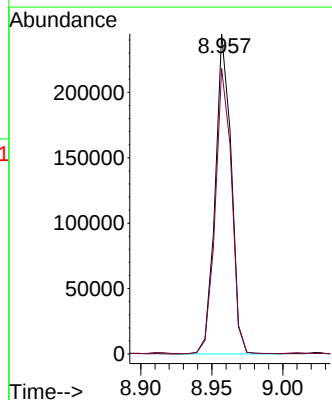
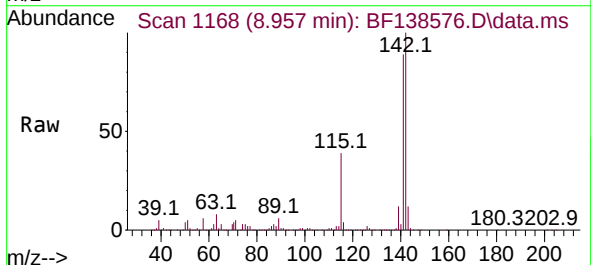
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD

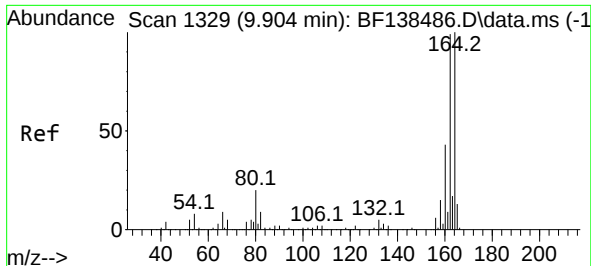
Tgt Ion:142 Resp: 209149
Ion Ratio Lower Upper
142 100
141 87.5 71.4 107.0



#38
1-Methylnaphthalene
Concen: 20.676 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion:142 Resp: 192141
Ion Ratio Lower Upper
142 100
141 89.2 72.6 108.8

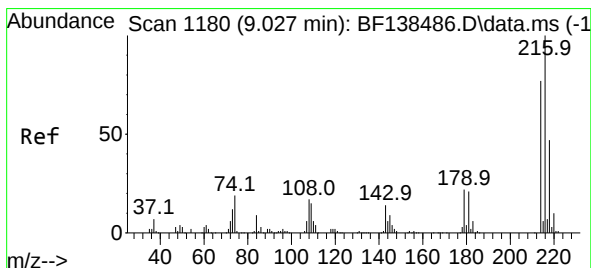
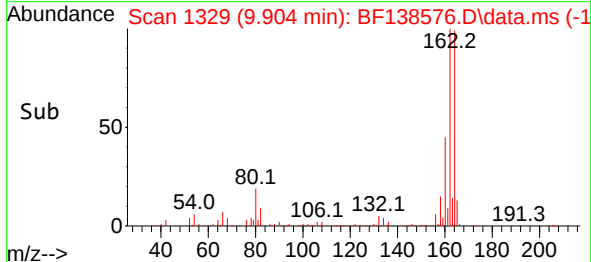
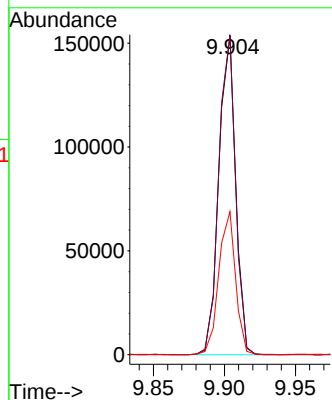
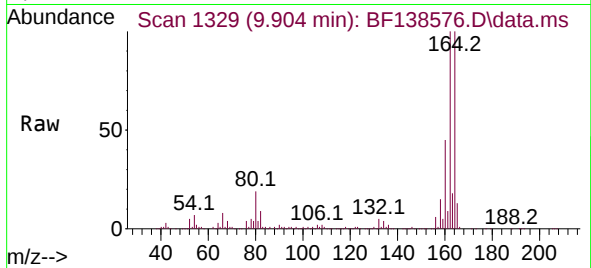




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

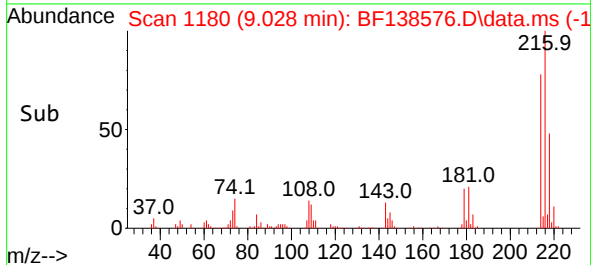
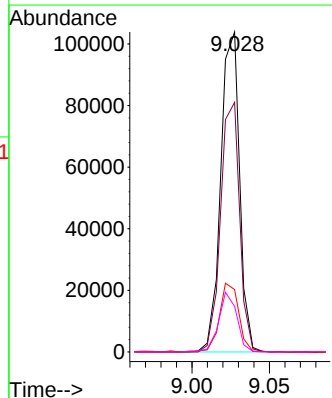
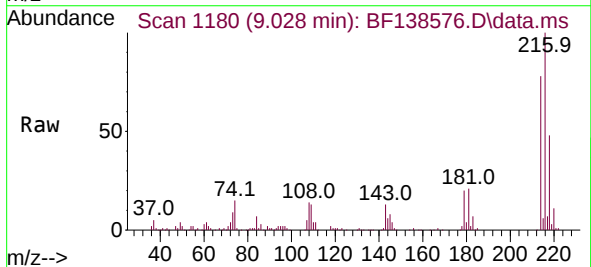
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD

Tgt Ion:164 Resp: 126263
Ion Ratio Lower Upper
164 100
162 100.4 79.0 118.6
160 44.9 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 24.873 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

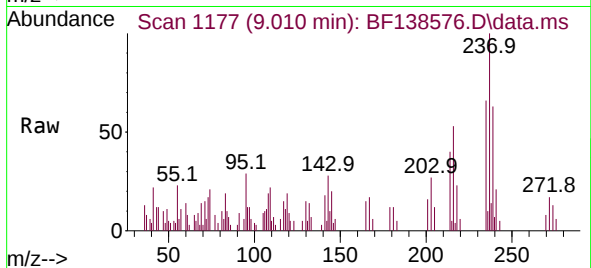
Tgt Ion:216 Resp: 87527
Ion Ratio Lower Upper
216 100
214 79.1 62.8 94.2
179 22.0 17.7 26.5
108 18.2 15.5 23.3



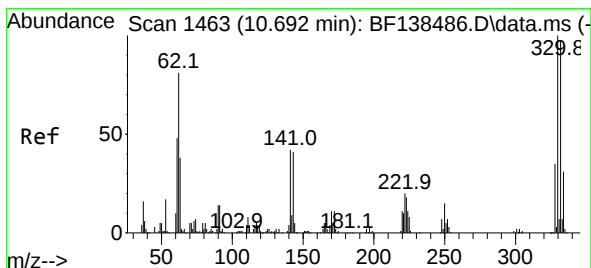
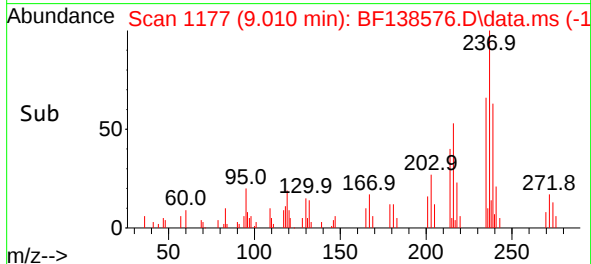
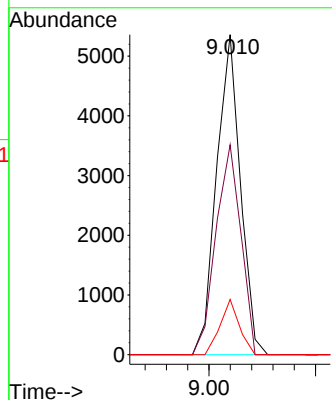


#41
Hexachlorocyclopentadiene
Concen: 3.646 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD

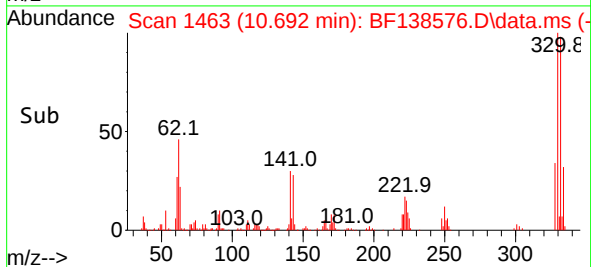
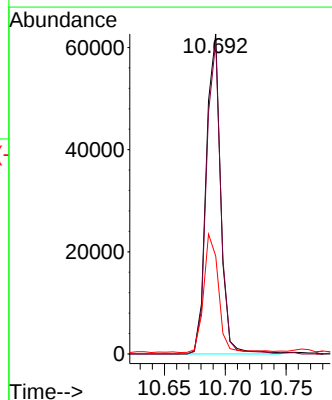
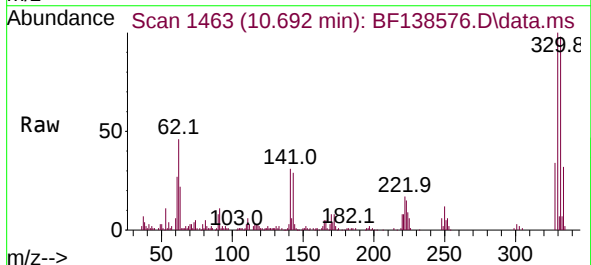


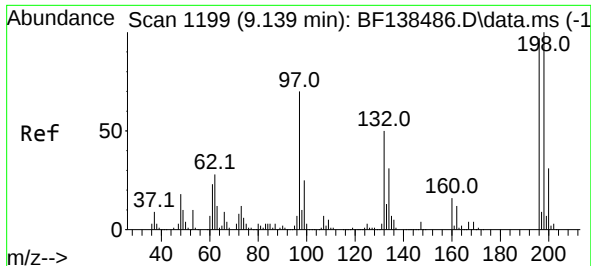
Tgt Ion:	237	Resp:	4164
Ion	Ratio	Lower	Upper
237	100		
235	65.6	43.3	83.3
272	17.3	0.0	32.3



#42
2,4,6-Tribromophenol
Concen: 43.810 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion:	330	Resp:	51698
Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	38.3	29.4	44.2

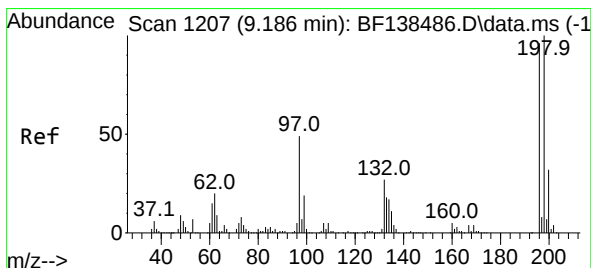
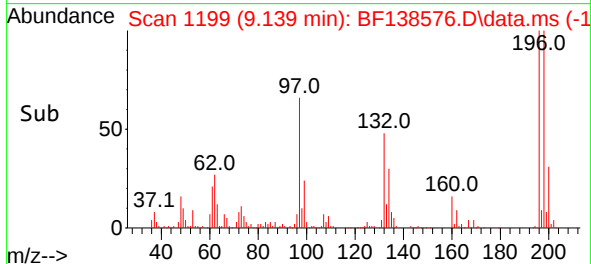
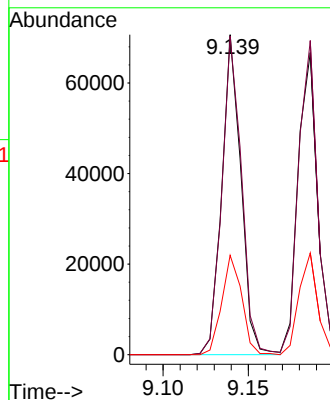
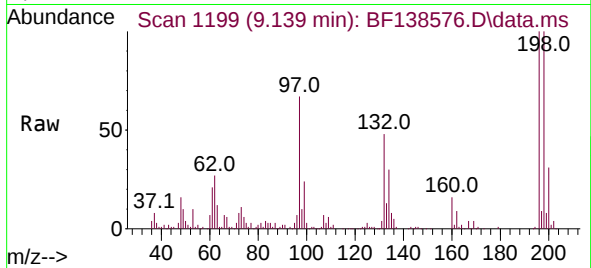




#43
2,4,6-Trichlorophenol
Concen: 24.718 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

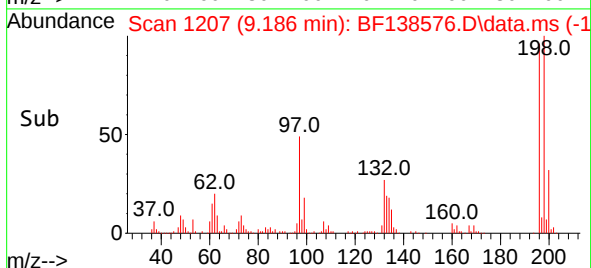
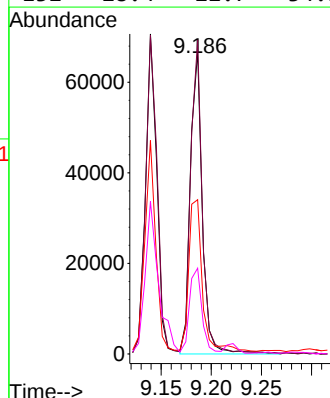
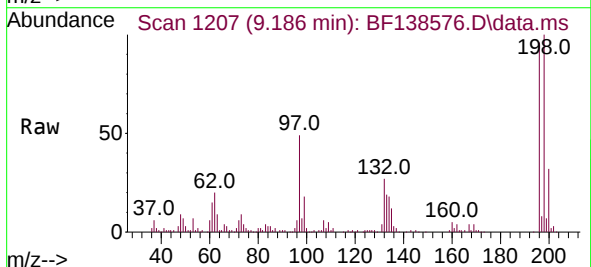
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD

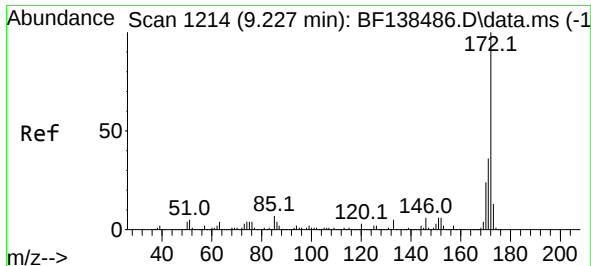
Tgt Ion:196 Resp: 55485
Ion Ratio Lower Upper
196 100
198 99.6 82.3 123.5
200 31.0 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 22.532 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion:196 Resp: 55629
Ion Ratio Lower Upper
196 100
198 103.9 82.8 124.2
97 51.0 41.0 61.4
132 28.4 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 37.668 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

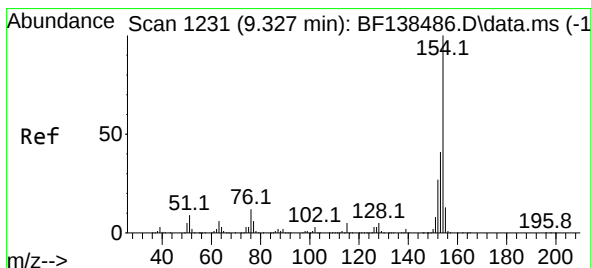
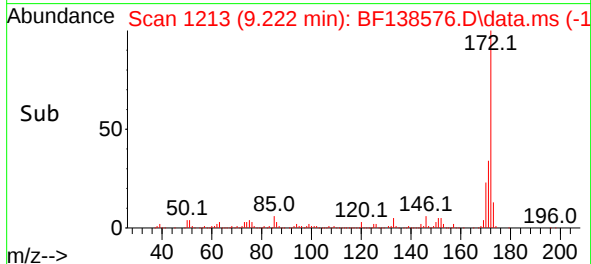
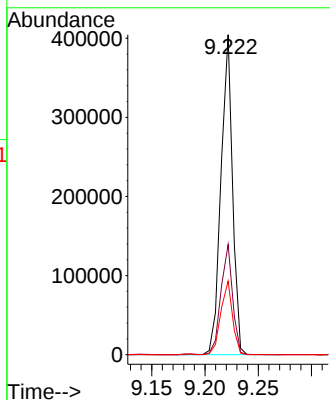
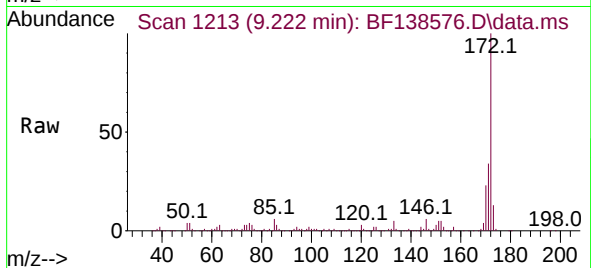
Tgt Ion:172 Resp: 304309

Ion Ratio Lower Upper

172 100

171 34.4 28.9 43.3

170 23.0 18.9 28.3



#46

1,1'-Biphenyl

Concen: 24.570 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

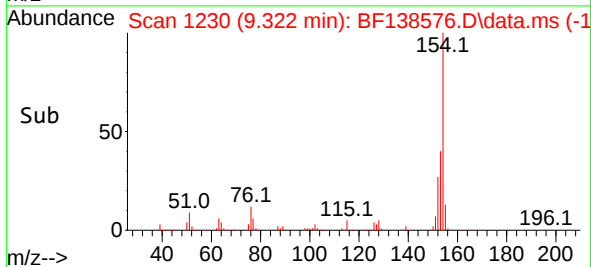
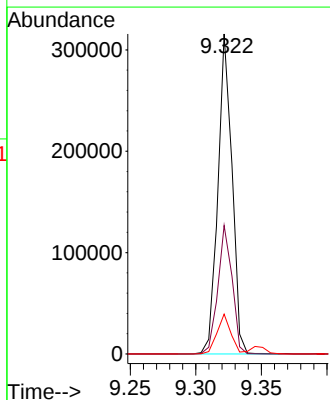
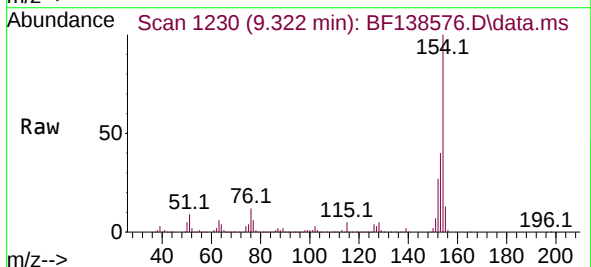
Tgt Ion:154 Resp: 235101

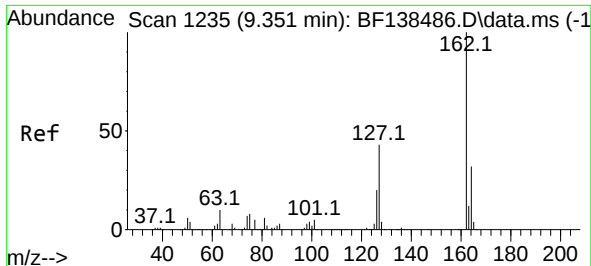
Ion Ratio Lower Upper

154 100

153 40.2 20.7 60.7

76 12.5 0.0 32.2





#47

2-Chloronaphthalene

Concen: 25.138 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

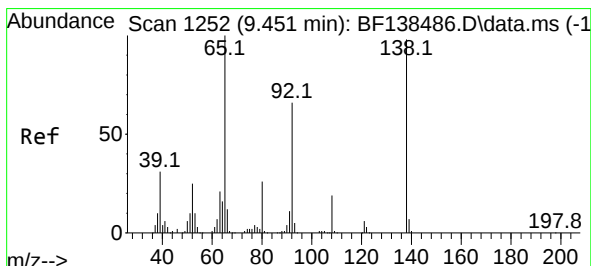
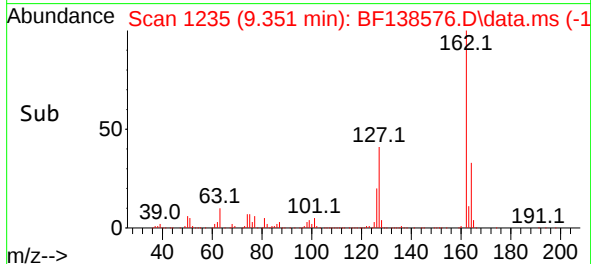
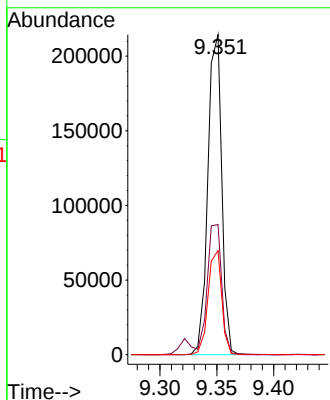
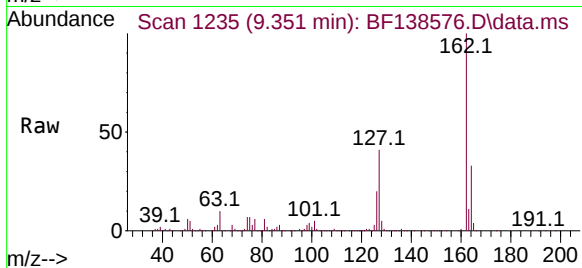
Tgt Ion:162 Resp: 181715

Ion Ratio Lower Upper

162 100

127 40.7 34.8 52.2

164 32.5 25.6 38.4



#48

2-Nitroaniline

Concen: 27.076 ng

RT: 9.445 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

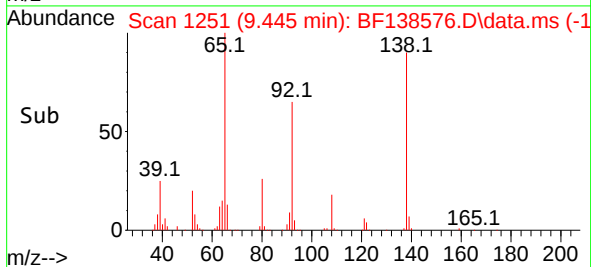
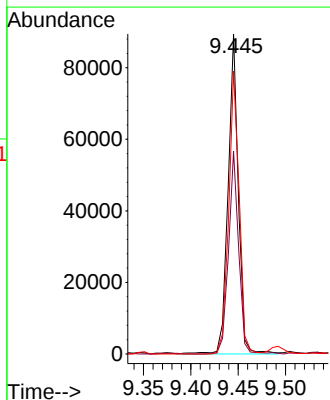
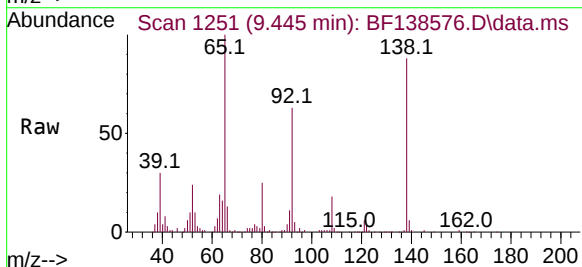
Tgt Ion: 65 Resp: 67824

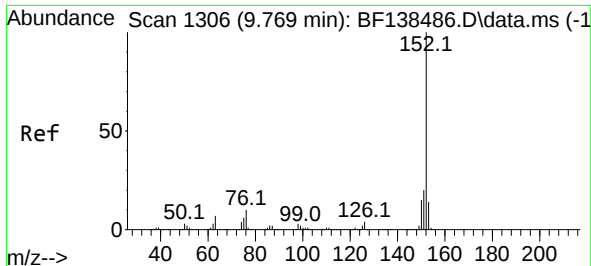
Ion Ratio Lower Upper

65 100

92 63.4 52.6 78.8

138 88.4 78.6 118.0





#49

Acenaphthylene

Concen: 26.349 ng

RT: 9.763 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

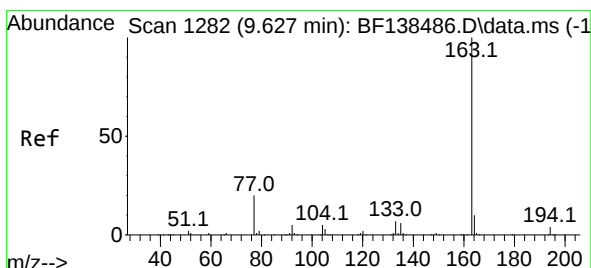
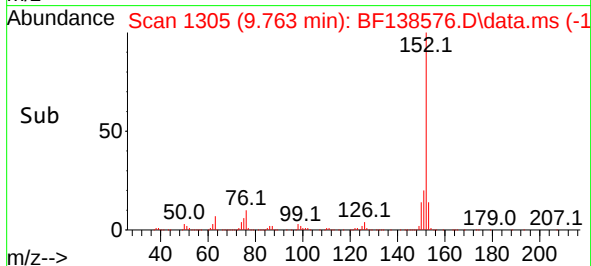
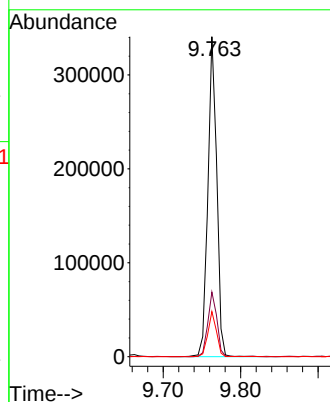
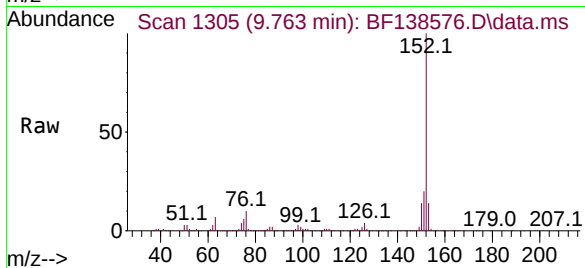
Tgt Ion:152 Resp: 270426

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

153 14.1 11.3 16.9



#50

Dimethylphthalate

Concen: 26.879 ng

RT: 9.622 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

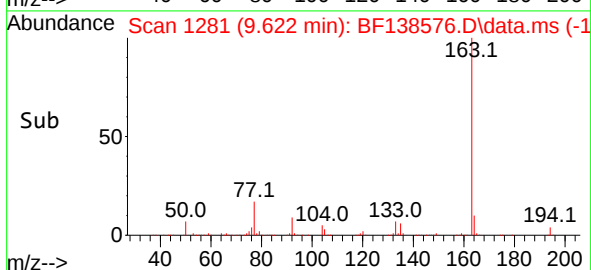
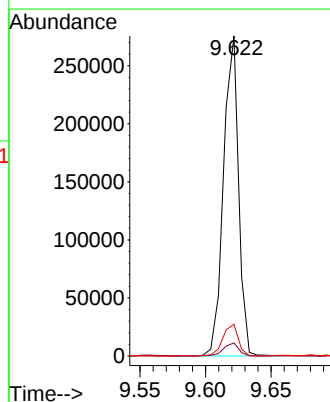
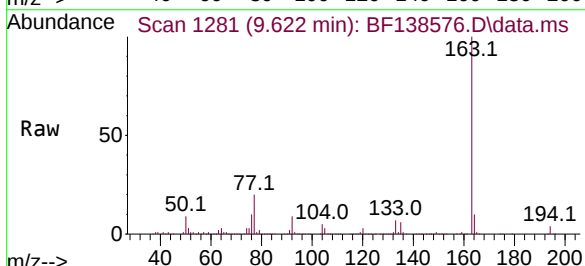
Tgt Ion:163 Resp: 219450

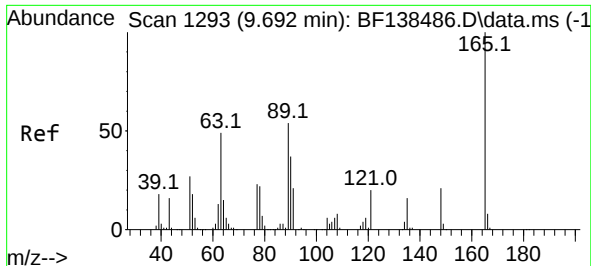
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 9.9 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 22.880 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

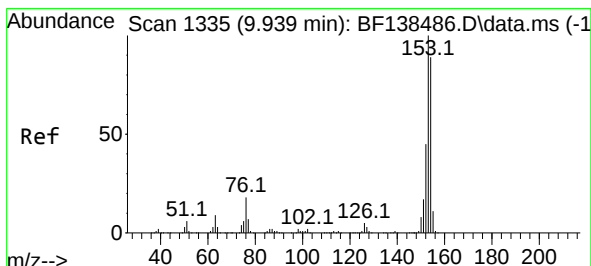
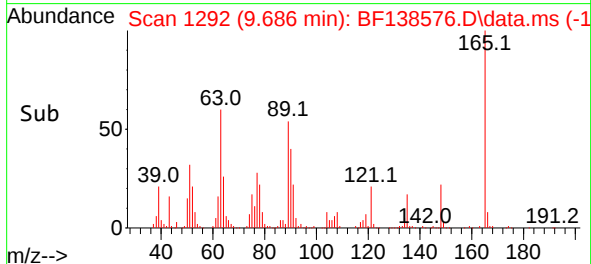
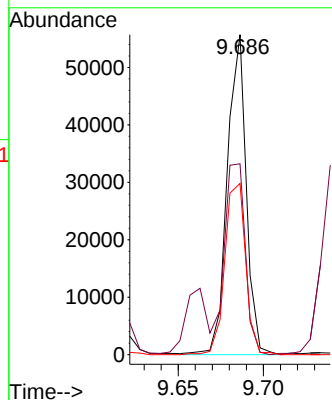
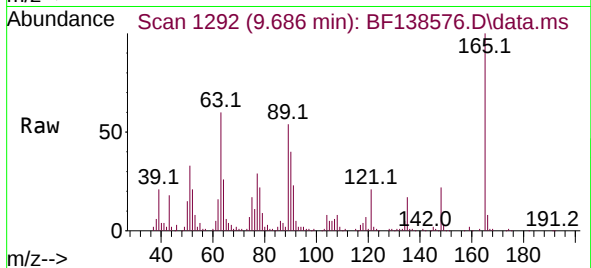
Tgt Ion:165 Resp: 43010

Ion Ratio Lower Upper

165 100

63 59.6 48.1 72.1

89 53.5 43.0 64.6



#52

Acenaphthene

Concen: 23.973 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

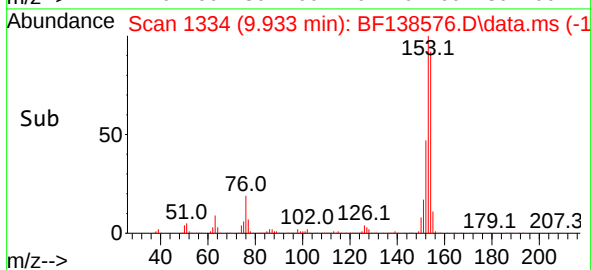
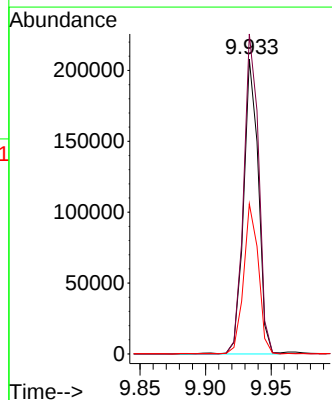
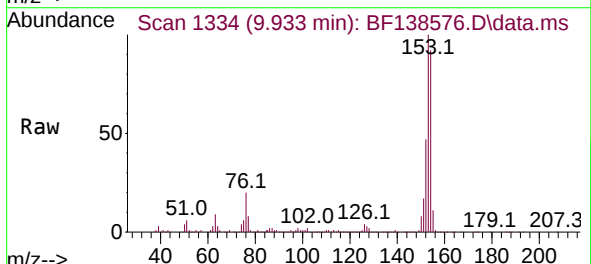
Tgt Ion:154 Resp: 163550

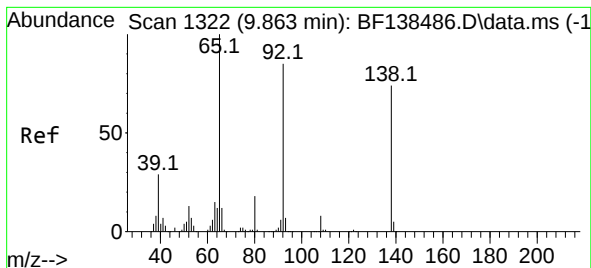
Ion Ratio Lower Upper

154 100

153 108.5 90.4 135.6

152 50.9 41.1 61.7





#53

3-Nitroaniline

Concen: 22.220 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

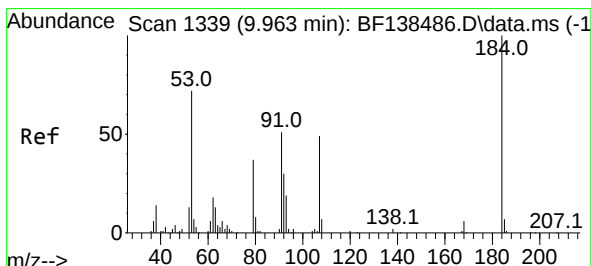
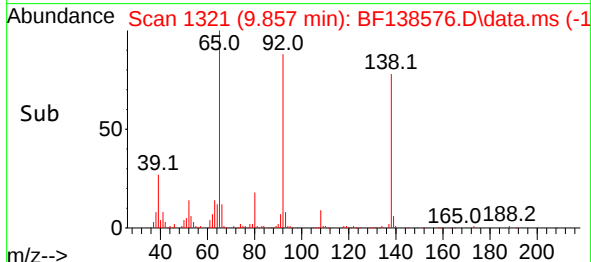
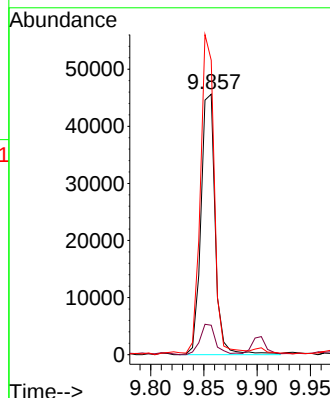
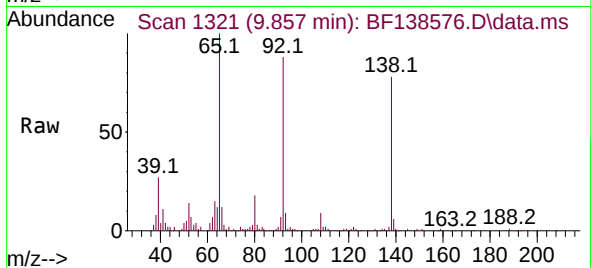
Tgt Ion:138 Resp: 42812

Ion Ratio Lower Upper

138 100

108 11.3 8.3 12.5

92 113.0 92.6 138.8



#54

2,4-Dinitrophenol

Concen: 6.901 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

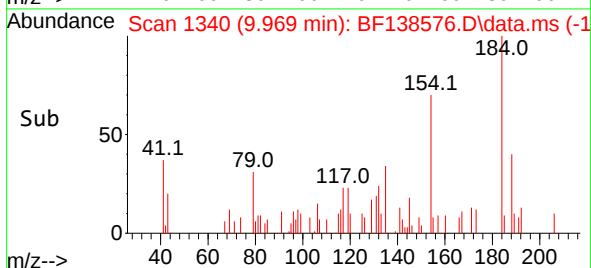
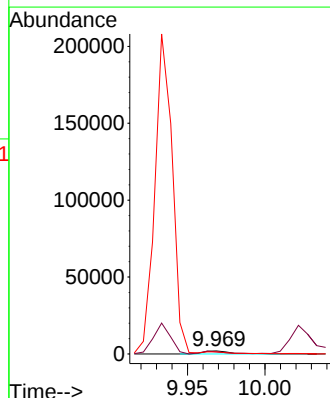
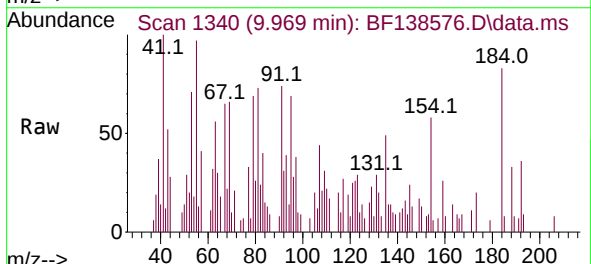
Tgt Ion:184 Resp: 2393

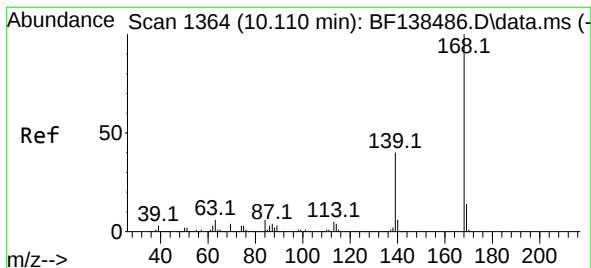
Ion Ratio Lower Upper

184 100

63 67.8 70.6 106.0#

154 69.7 53.8 80.6





#55

Dibenzenofuran

Concen: 24.697 ng

RT: 10.104 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

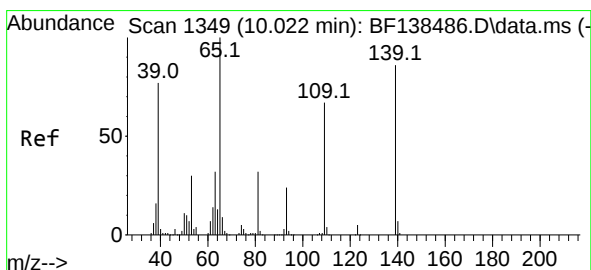
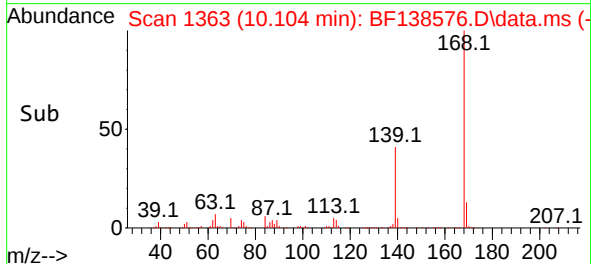
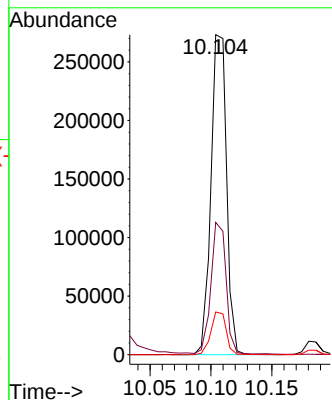
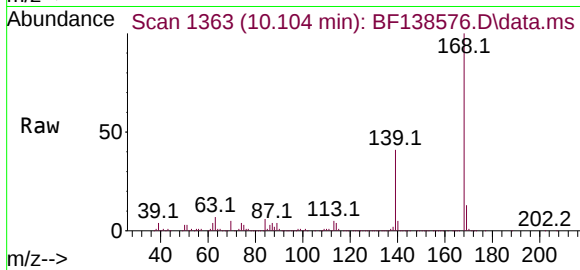
Tgt Ion:168 Resp: 244385

Ion Ratio Lower Upper

168 100

139 41.3 32.4 48.6

169 13.3 10.9 16.3



#56

4-Nitrophenol

Concen: 39.374 ng

RT: 10.022 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

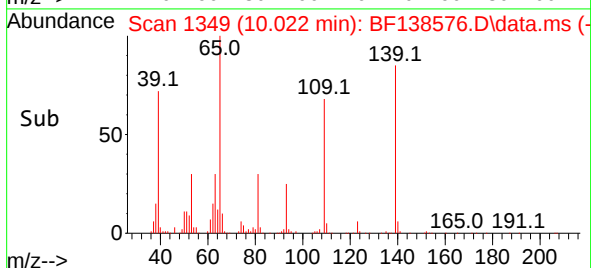
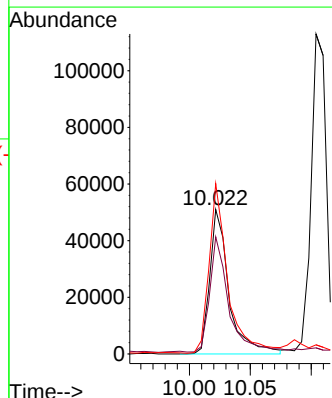
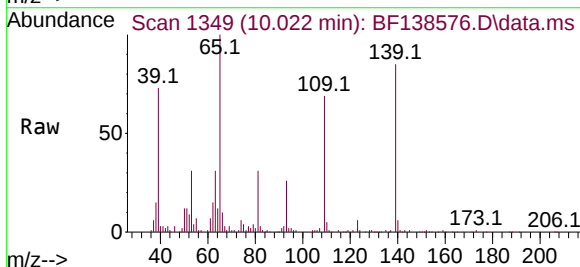
Tgt Ion:139 Resp: 55975

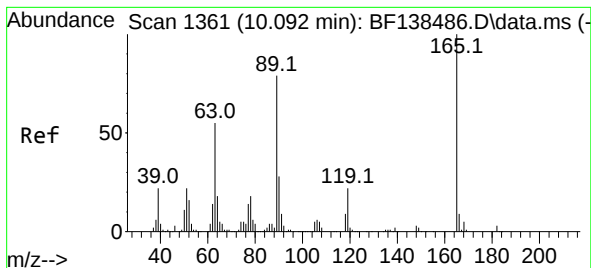
Ion Ratio Lower Upper

139 100

109 81.0 58.1 98.1

65 117.9 96.9 136.9

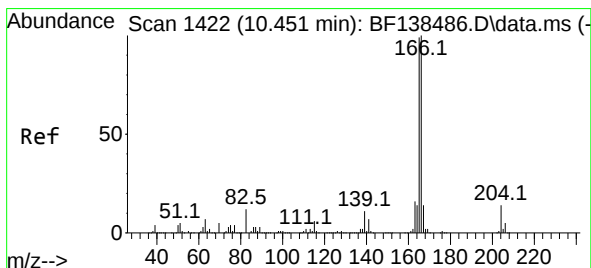
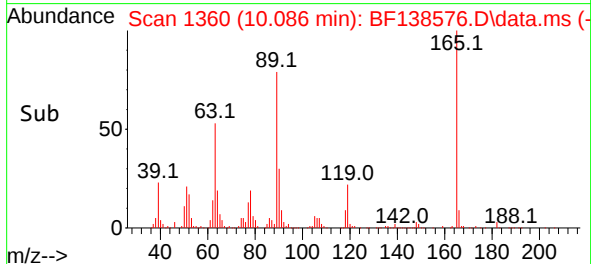
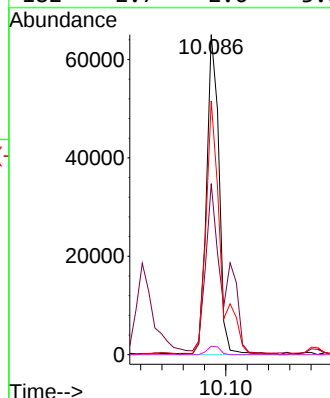
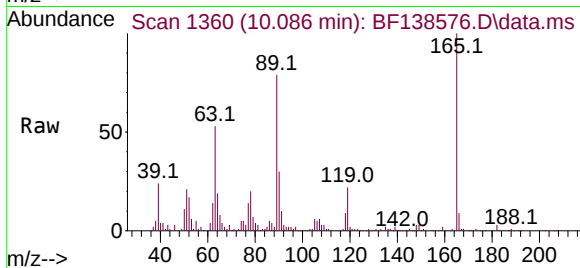




#57
2,4-Dinitrotoluene
Concen: 21.951 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

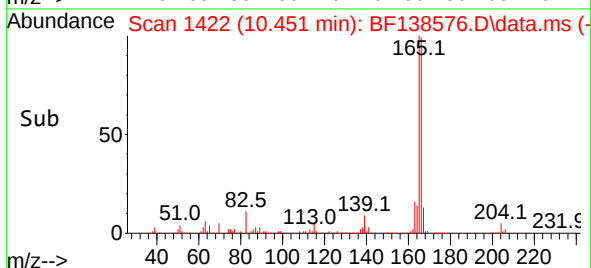
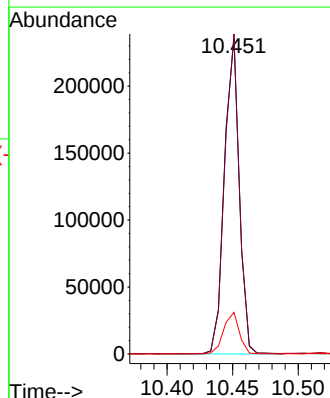
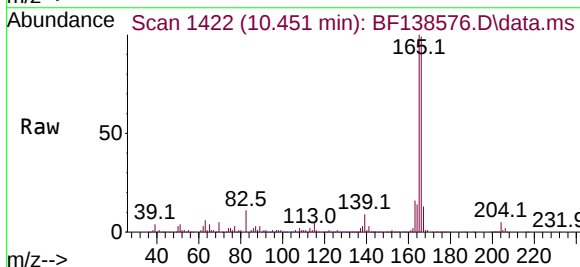
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD

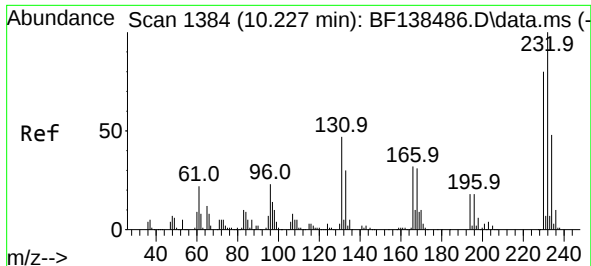
Tgt Ion:	165	Resp:	53391
Ion	Ratio	Lower	Upper
165	100		
63	53.4	44.6	66.8
89	79.3	63.4	95.2
182	2.7	2.6	3.8



#58
Fluorene
Concen: 23.691 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion:	166	Resp:	185490
Ion	Ratio	Lower	Upper
166	100		
165	101.3	79.1	118.7
167	13.2	11.0	16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 21.613 ng

RT: 10.227 min Scan# 1384

Delta R.T. 0.000 min

Lab File: BF138576.D

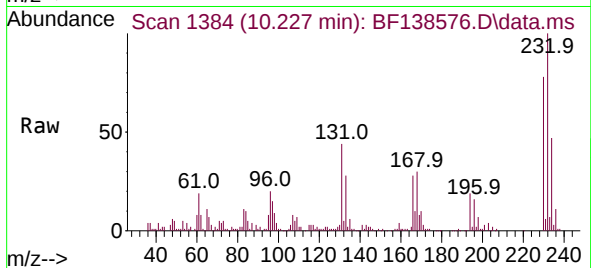
Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD



Tgt Ion:232 Resp: 42112

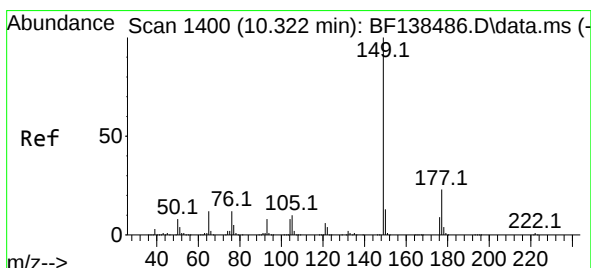
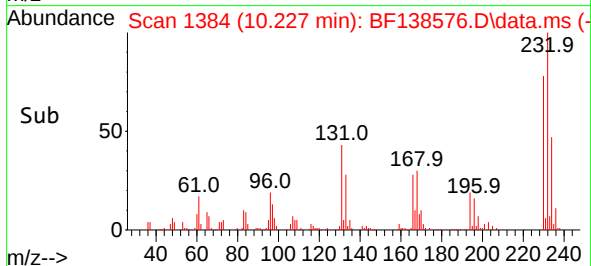
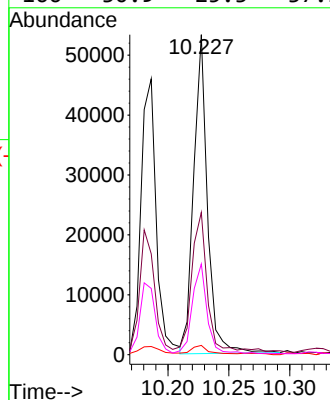
Ion Ratio Lower Upper

232 100

131 50.3 37.5 56.3

130 3.0 2.0 3.0

166 30.9 25.3 37.9



#60

Diethylphthalate

Concen: 25.663 ng

RT: 10.316 min Scan# 1399

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

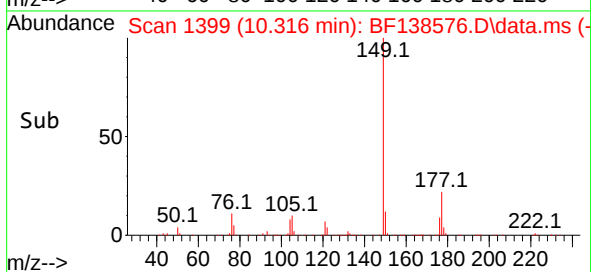
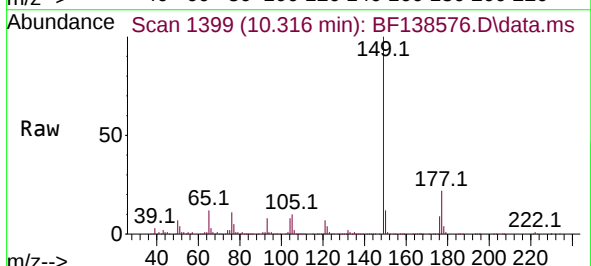
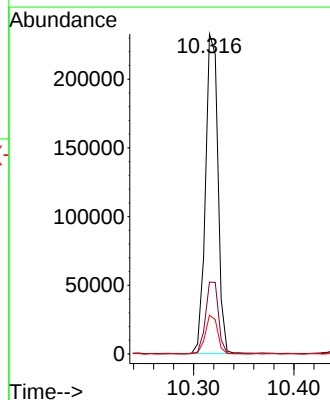
Tgt Ion:149 Resp: 201992

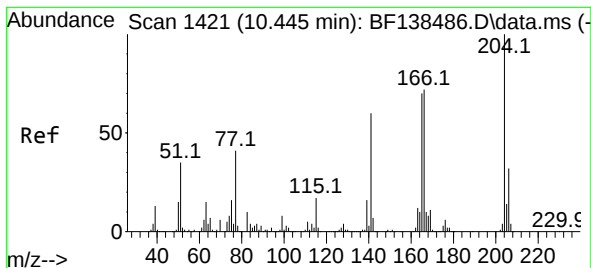
Ion Ratio Lower Upper

149 100

177 22.5 18.5 27.7

150 12.1 10.3 15.5

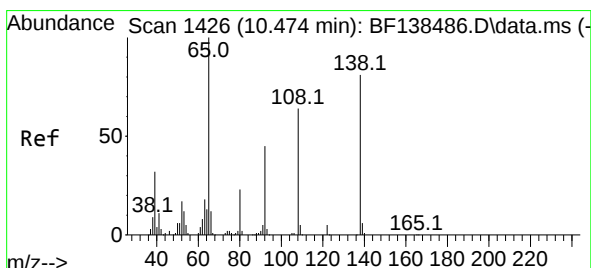
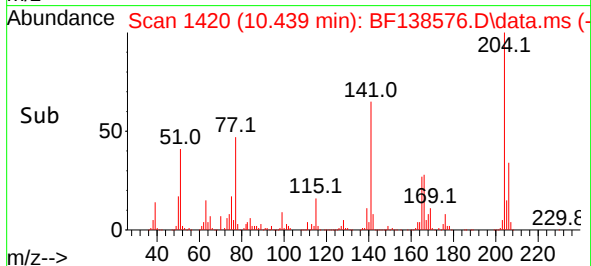
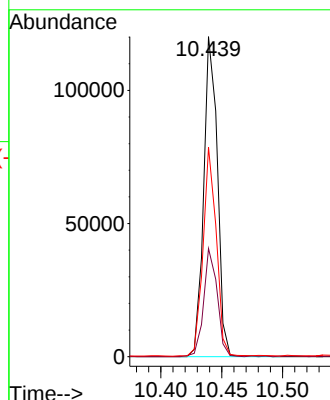
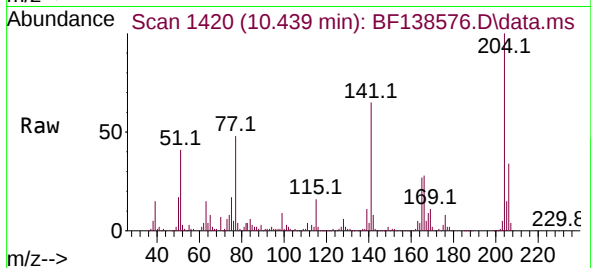




#61
4-Chlorophenyl-phenylether
Concen: 23.906 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

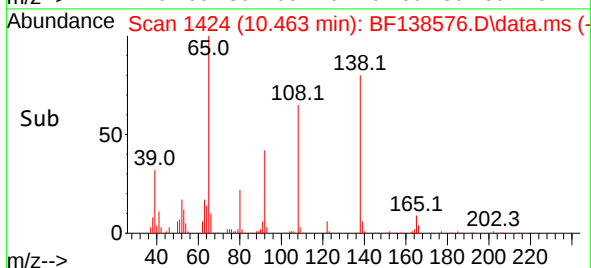
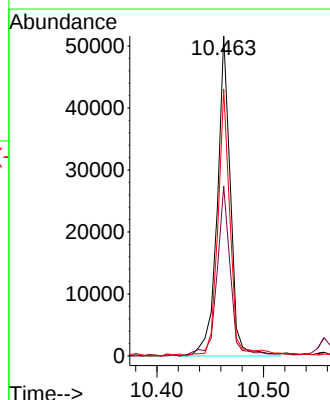
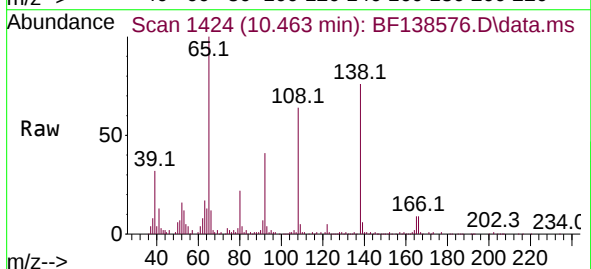
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD

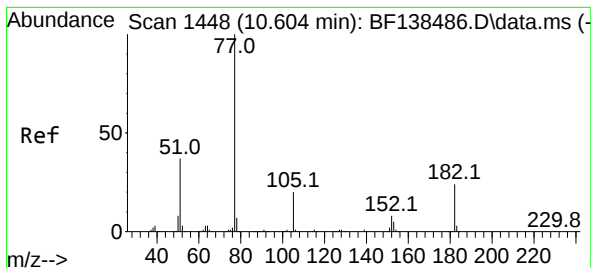
Tgt Ion:204 Resp: 93991
Ion Ratio Lower Upper
204 100
206 33.8 25.6 38.4
141 65.4 47.7 71.5



#62
4-Nitroaniline
Concen: 22.927 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion:138 Resp: 44265
Ion Ratio Lower Upper
138 100
92 53.1 35.8 75.8
108 83.3 59.8 99.8





#63

Azobenzene

Concen: 23.586 ng

RT: 10.598 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

Tgt Ion: 77 Resp: 199590

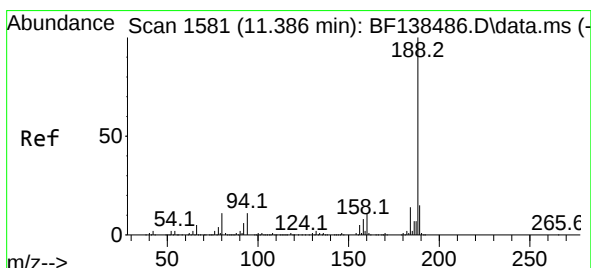
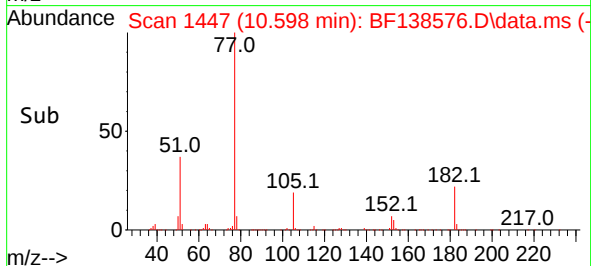
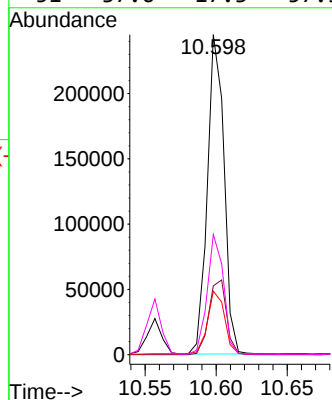
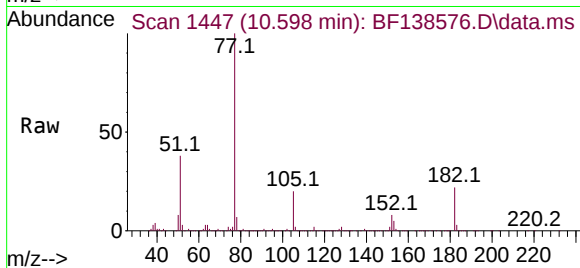
Ion Ratio Lower Upper

77 100

182 21.5 3.8 43.8

105 19.8 0.0 39.8

51 37.6 17.3 57.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

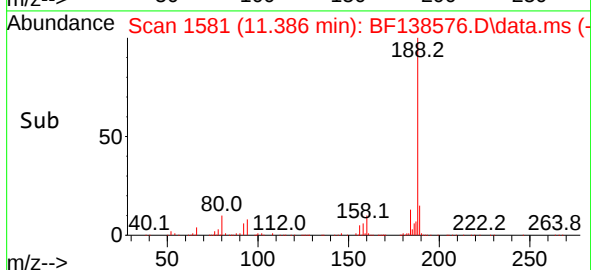
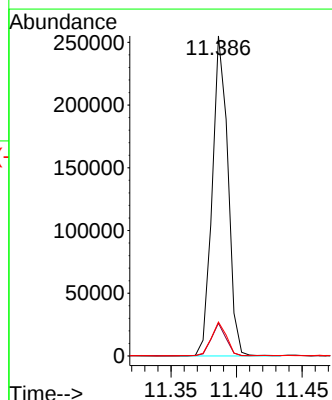
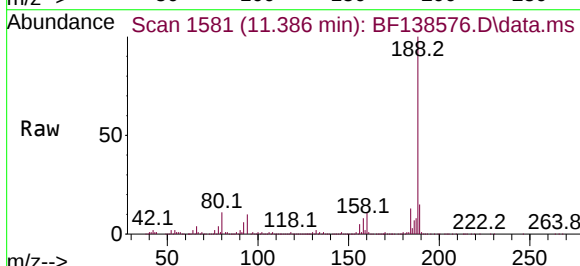
Tgt Ion: 188 Resp: 212057

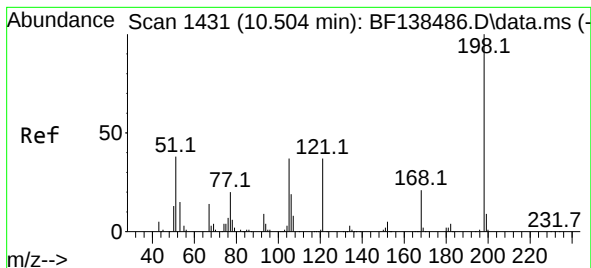
Ion Ratio Lower Upper

188 100

94 10.2 8.7 13.1

80 10.6 9.0 13.4

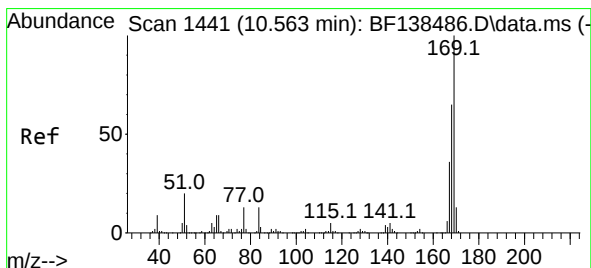
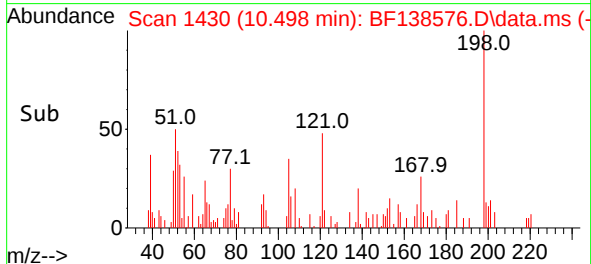
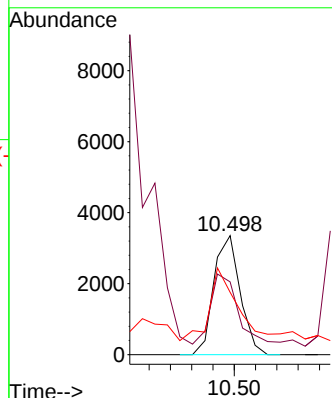
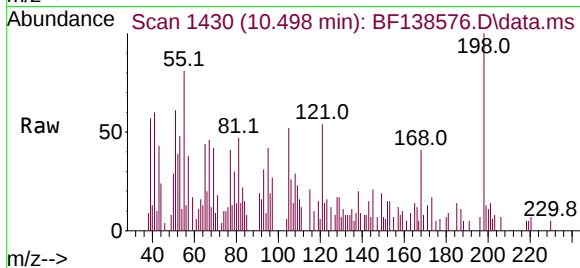




#65
4,6-Dinitro-2-methylphenol
Concen: 2.350 ng
RT: 10.498 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

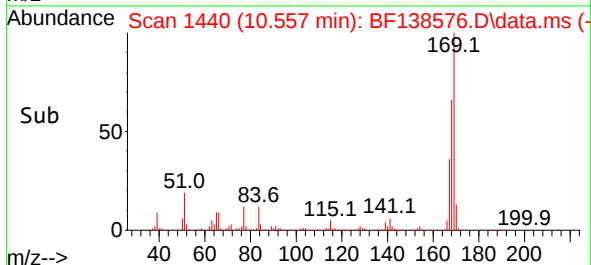
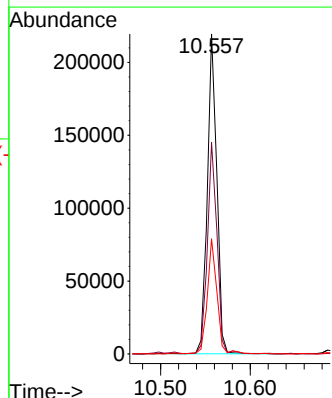
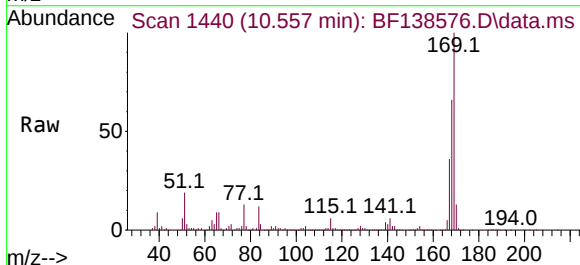
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD

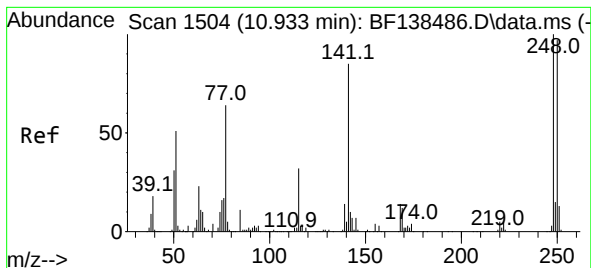
Tgt Ion:198 Resp: 2877
Ion Ratio Lower Upper
198 100
51 61.1 27.2 67.2
105 52.4 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 25.221 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion:169 Resp: 160236
Ion Ratio Lower Upper
169 100
168 66.1 51.7 77.5
167 36.0 28.5 42.7

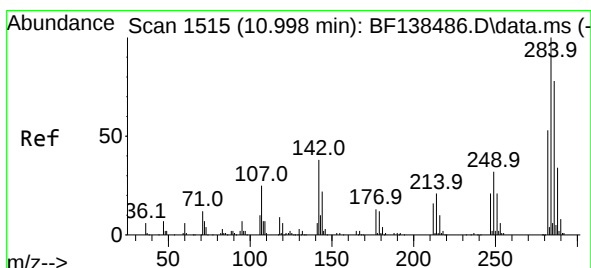
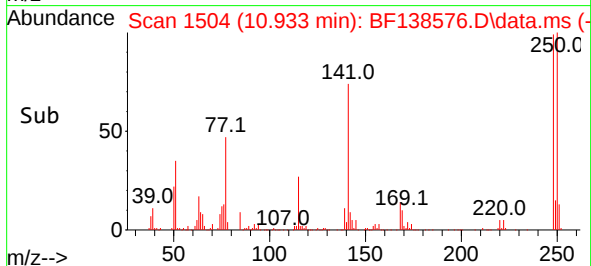
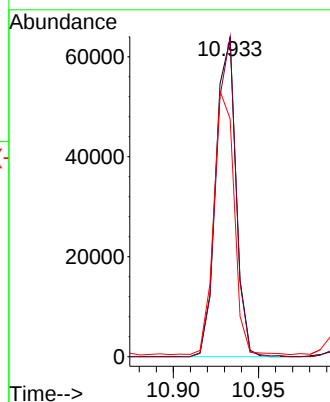
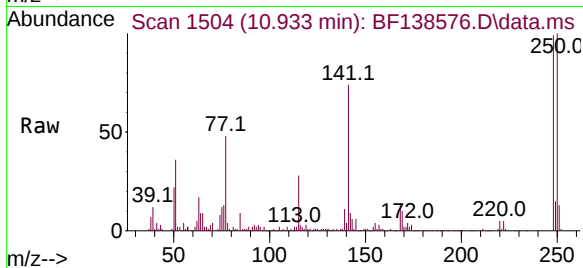




#67
4-Bromophenyl-phenylether
Concen: 23.975 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

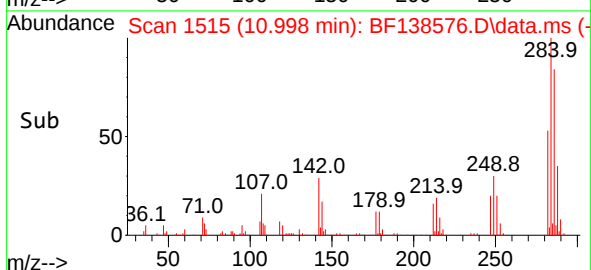
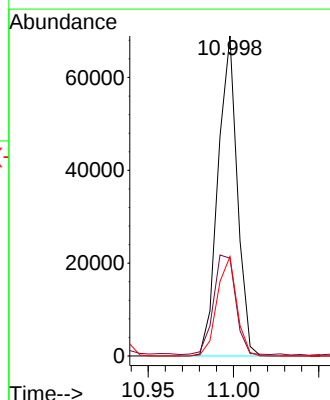
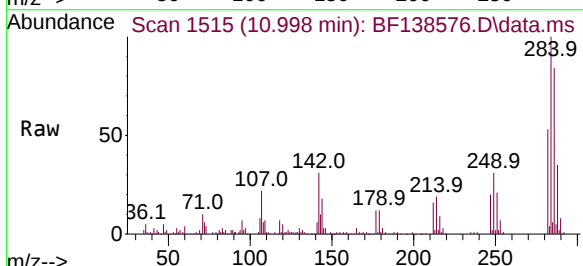
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD

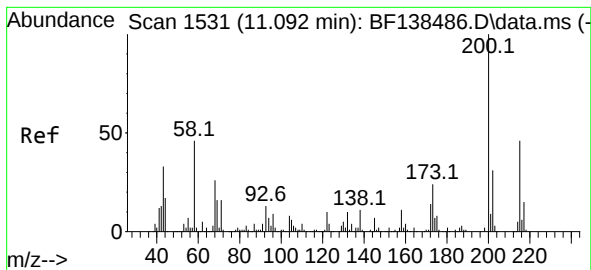
Tgt Ion:248 Resp: 52254
Ion Ratio Lower Upper
248 100
250 100.7 77.9 116.9
141 74.9 67.7 101.5



#68
Hexachlorobenzene
Concen: 22.370 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion:284 Resp: 54164
Ion Ratio Lower Upper
284 100
142 30.5 30.5 45.7
249 31.0 25.9 38.9





#69

Atrazine

Concen: 24.816 ng

RT: 11.086 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

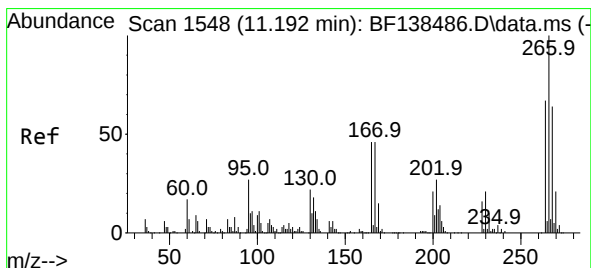
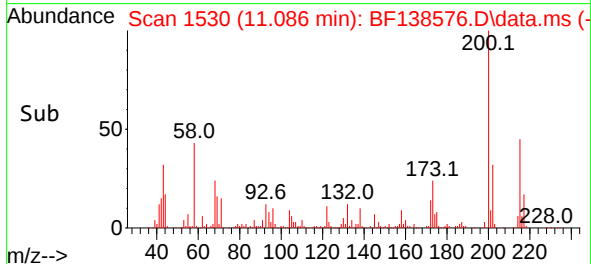
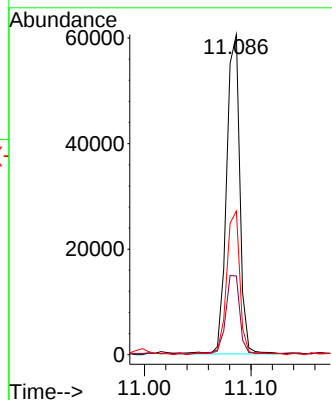
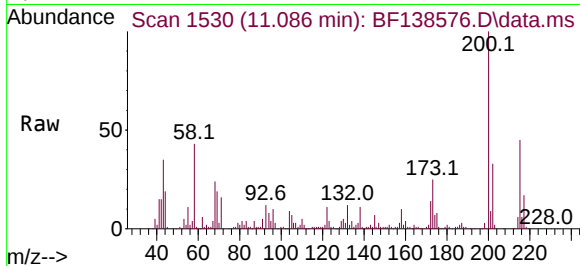
Tgt Ion:200 Resp: 52274

Ion Ratio Lower Upper

200 100

173 24.6 4.1 44.1

215 44.9 26.5 66.5



#70

Pentachlorophenol

Concen: 35.486 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

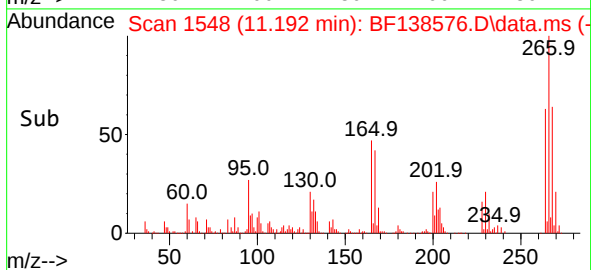
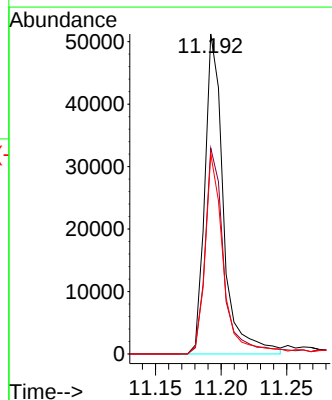
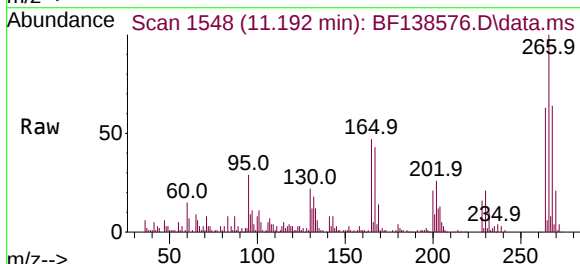
Tgt Ion:266 Resp: 50843

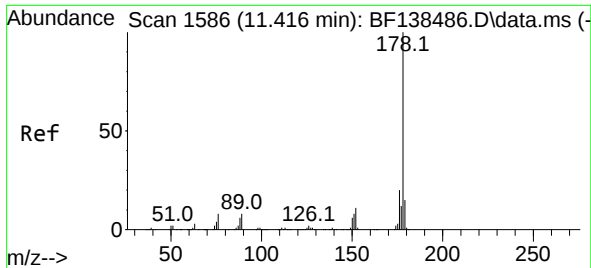
Ion Ratio Lower Upper

266 100

268 64.4 50.9 76.3

264 62.5 53.5 80.3

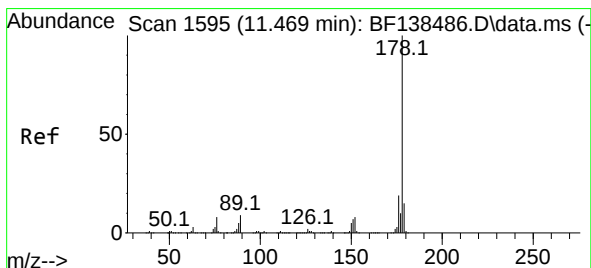
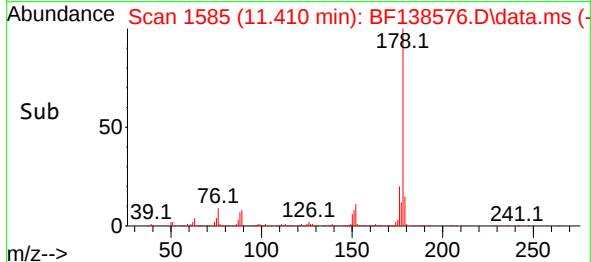
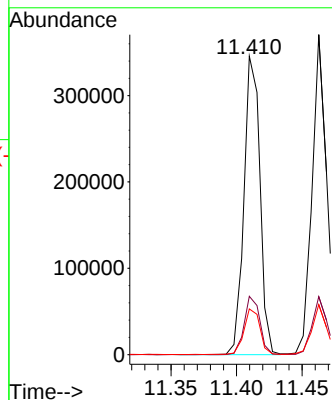
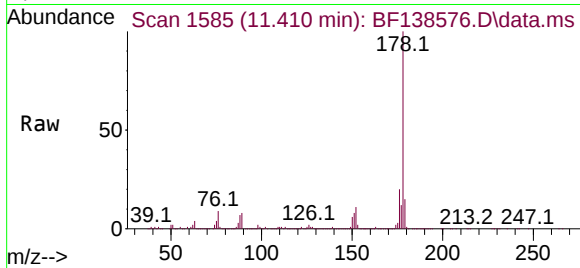




#71
Phenanthrene
Concen: 27.443 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

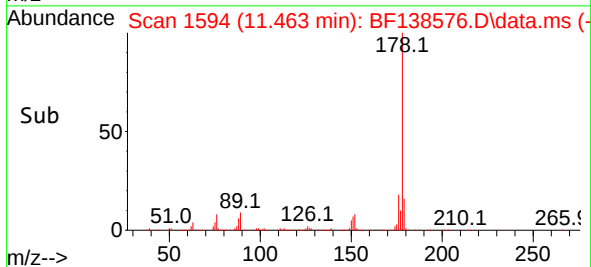
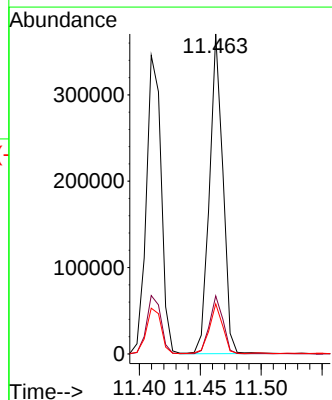
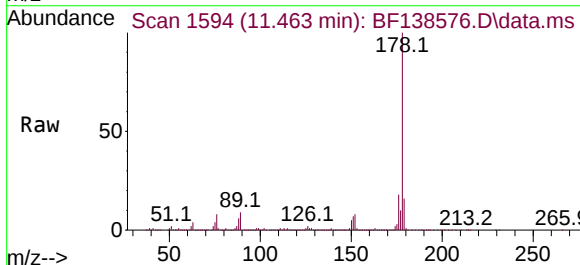
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD

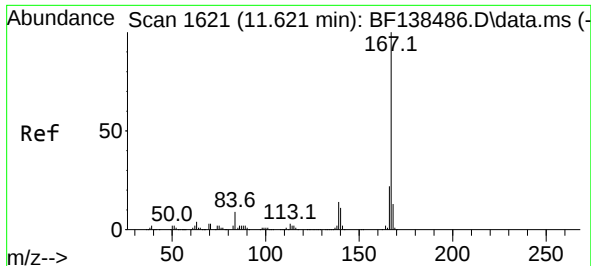
Tgt Ion:178 Resp: 294008
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.4 12.2 18.2



#72
Anthracene
Concen: 26.477 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion:178 Resp: 281573
Ion Ratio Lower Upper
178 100
176 18.1 14.8 22.2
179 15.6 12.2 18.4

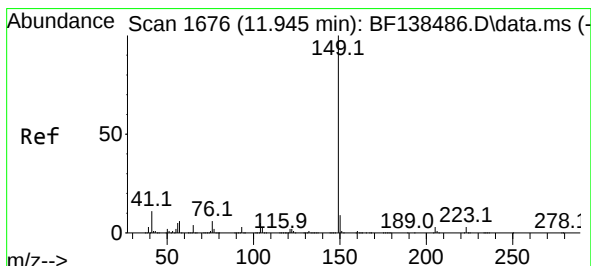
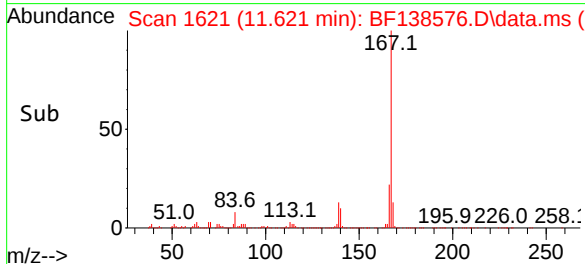
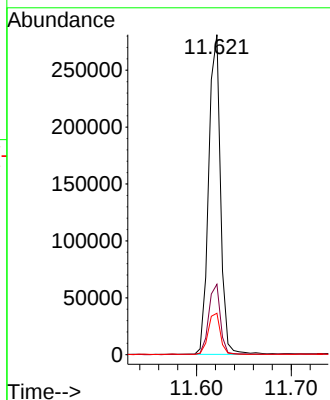
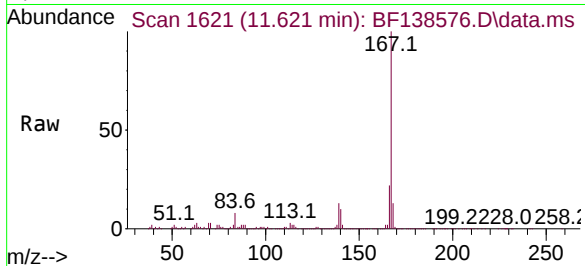




#73
 Carbazole
 Concen: 25.522 ng
 RT: 11.621 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF138576.D
 Acq: 15 Jul 2024 19:15

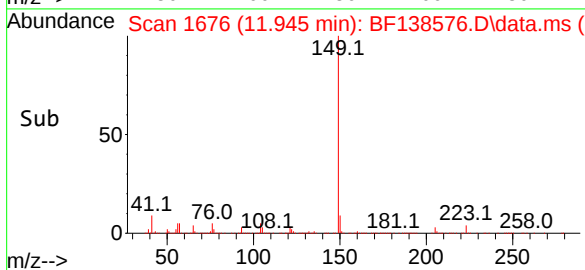
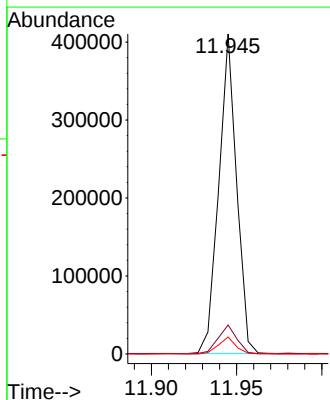
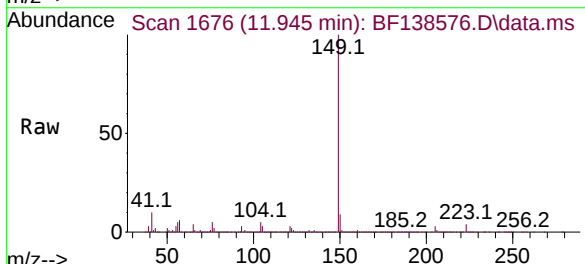
Instrument :
 BNA_F
 ClientSampleId :
 PAT-DIS-01-07112024MSD

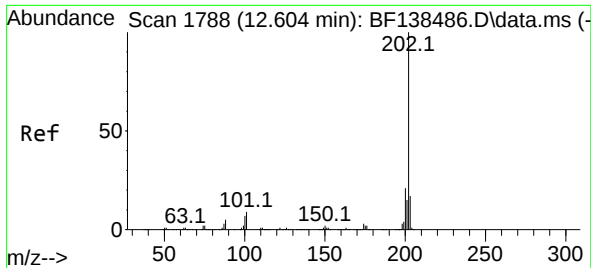
Tgt Ion:	167	Resp:	243915
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.6
139	13.0	11.0	16.4



#74
 Di-n-butylphthalate
 Concen: 27.074 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF138576.D
 Acq: 15 Jul 2024 19:15

Tgt Ion:	149	Resp:	298255
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.3	4.4	6.6

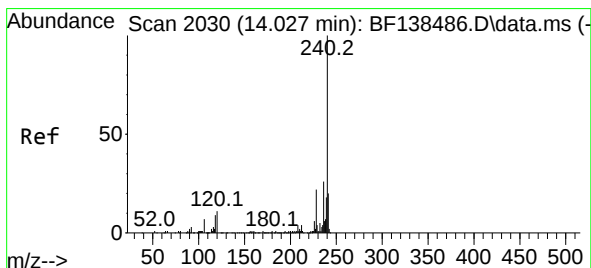
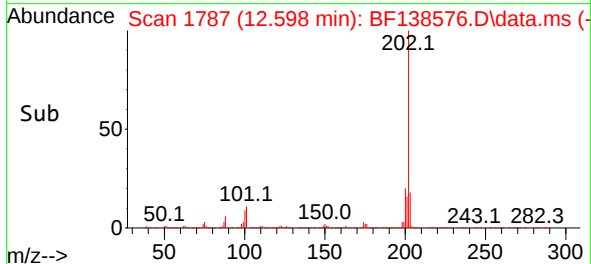
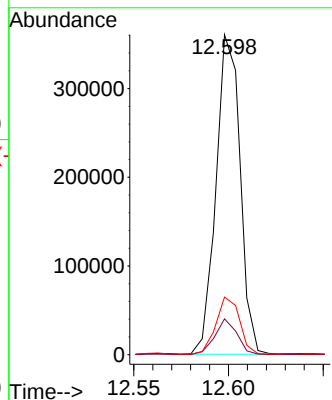
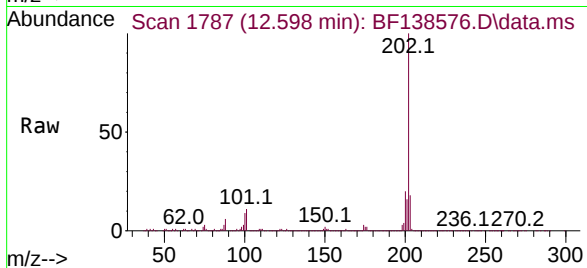




#75
Fluoranthene
Concen: 29.158 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

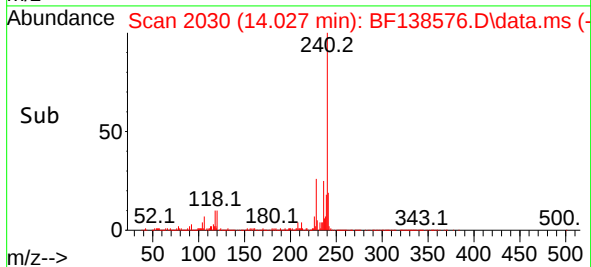
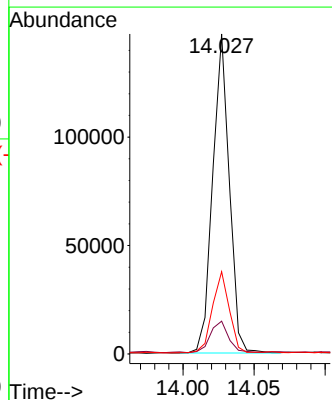
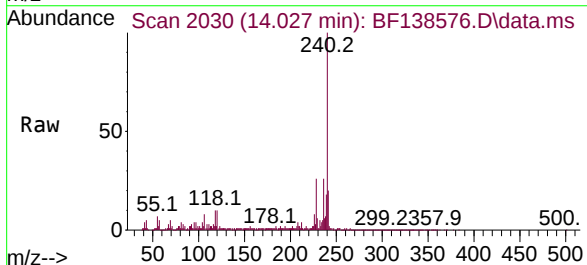
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD

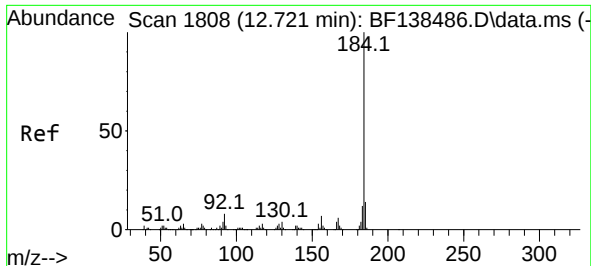
Tgt Ion:202 Resp: 318745
Ion Ratio Lower Upper
202 100
101 11.2 0.0 29.2
203 18.0 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion:240 Resp: 119349
Ion Ratio Lower Upper
240 100
120 10.3 8.6 12.8
236 25.7 21.0 31.6

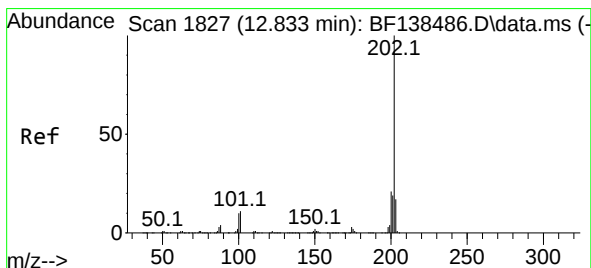
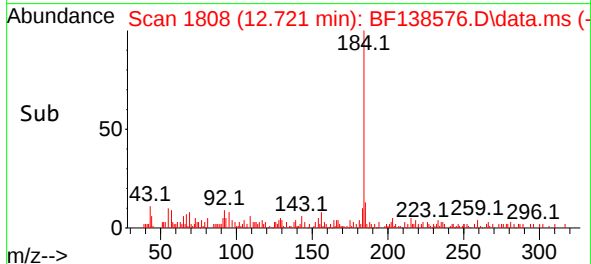
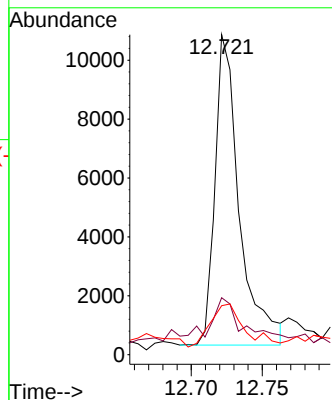
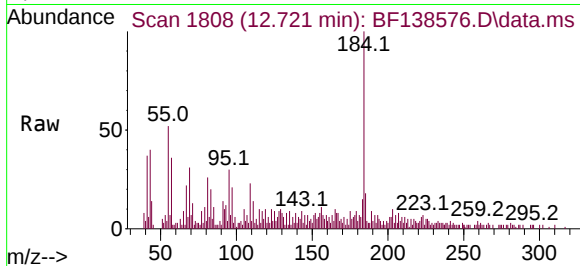




#77
Benzidine
Concen: 4.160 ng
RT: 12.721 min Scan# 1808
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

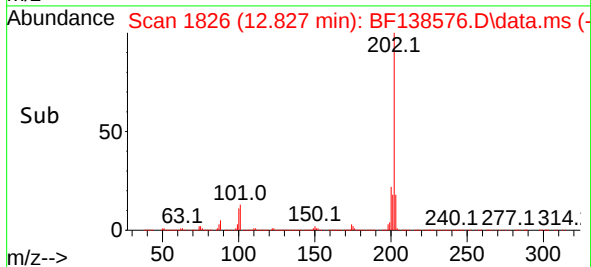
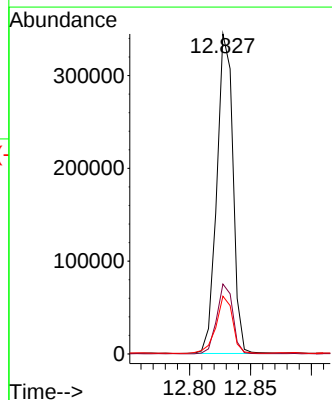
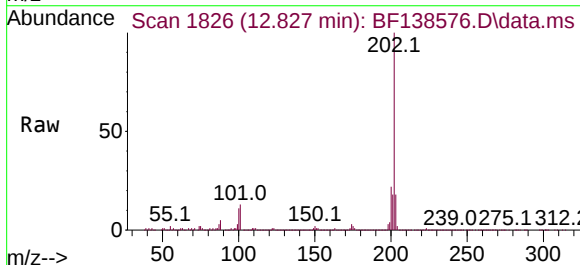
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD

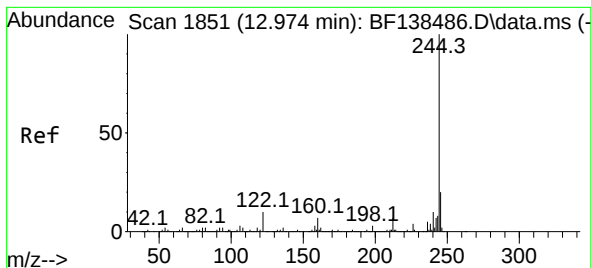
Tgt Ion:184 Resp: 12527
Ion Ratio Lower Upper
184 100
185 17.8 11.3 16.9#
183 15.3 9.5 14.3#



#78
Pyrene
Concen: 26.185 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion:202 Resp: 317248
Ion Ratio Lower Upper
202 100
200 21.9 17.0 25.6
203 18.1 13.7 20.5





#79

Terphenyl-d14

Concen: 38.071 ng

RT: 12.968 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

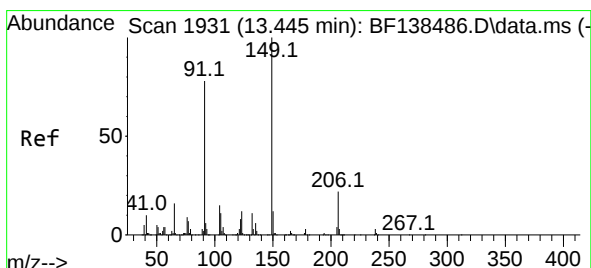
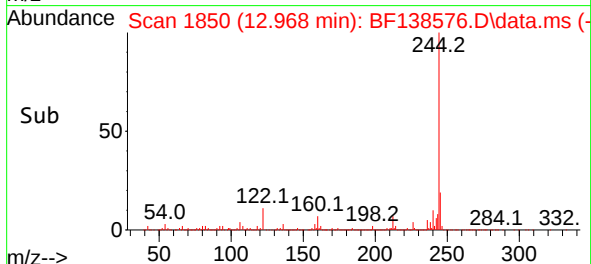
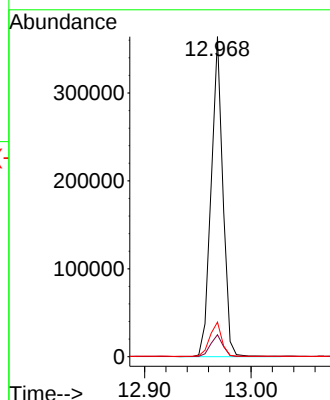
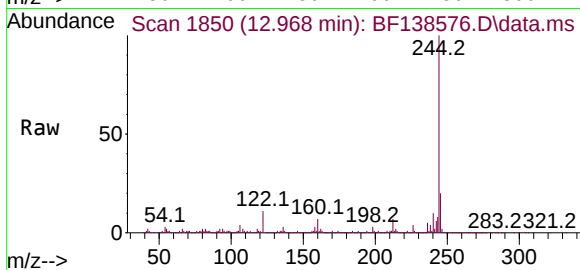
Tgt Ion:244 Resp: 278905

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 10.8 7.8 11.8



#80

Butylbenzylphthalate

Concen: 31.365 ng

RT: 13.445 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

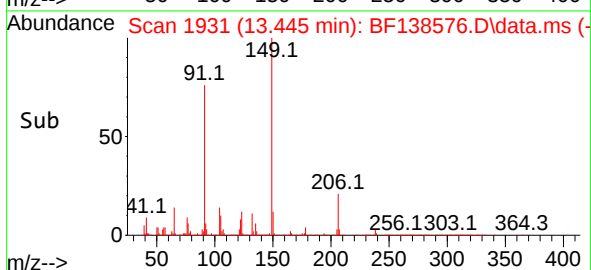
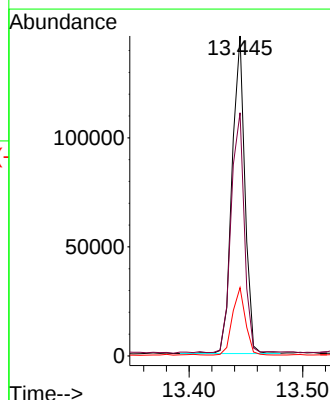
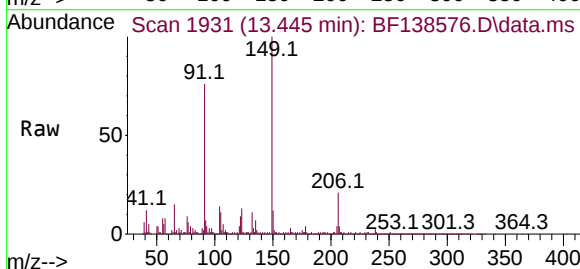
Tgt Ion:149 Resp: 114314

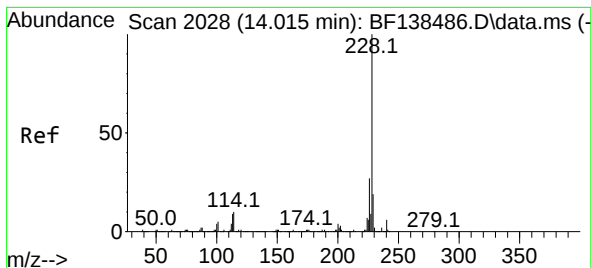
Ion Ratio Lower Upper

149 100

91 76.0 62.1 93.1

206 21.3 18.0 27.0





#81

Benzo(a)anthracene

Concen: 26.593 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

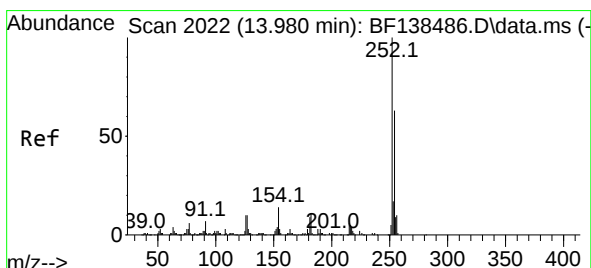
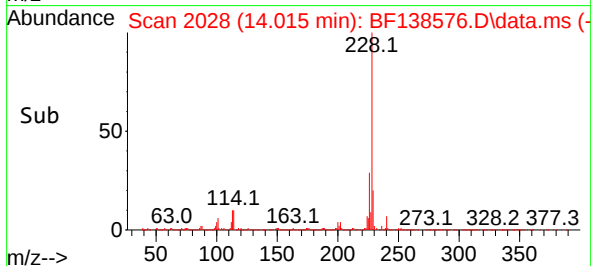
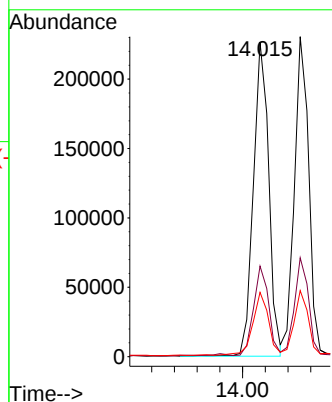
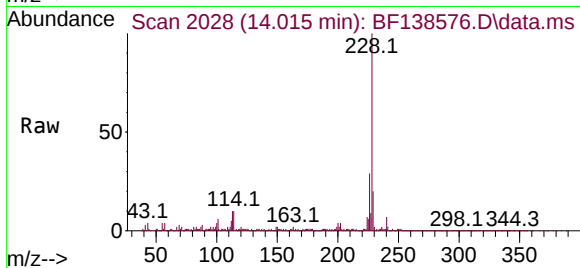
Tgt Ion:228 Resp: 212964

Ion Ratio Lower Upper

228 100

226 28.8 21.9 32.9

229 20.4 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 21.894 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

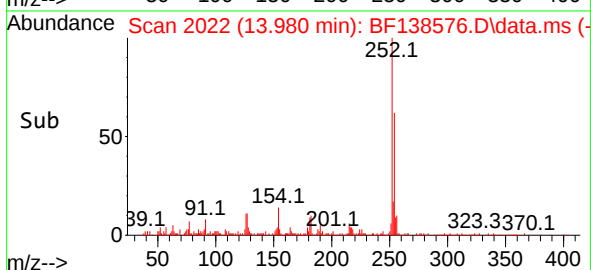
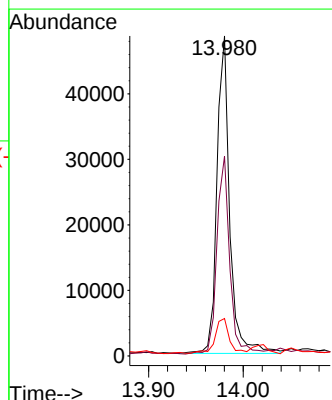
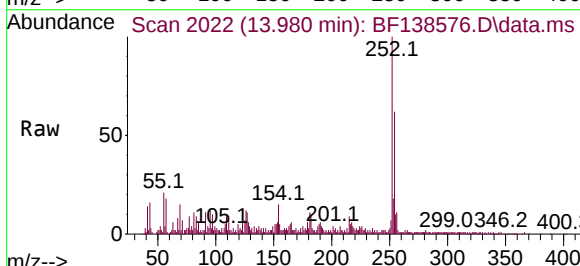
Tgt Ion:252 Resp: 45180

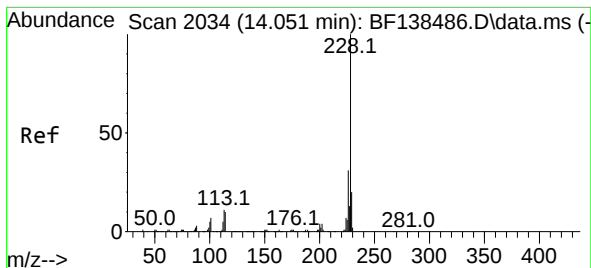
Ion Ratio Lower Upper

252 100

254 62.5 50.3 75.5

126 11.7 8.1 12.1





#83

Chrysene

Concen: 26.674 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

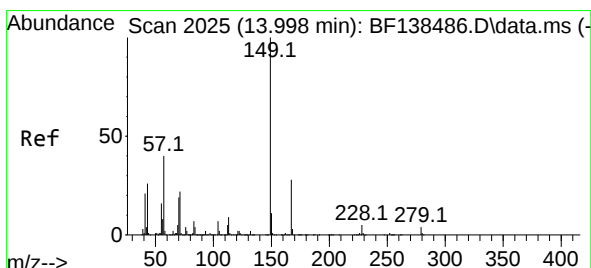
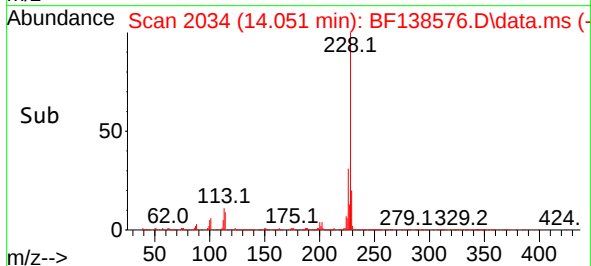
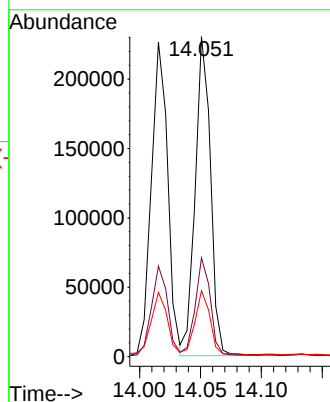
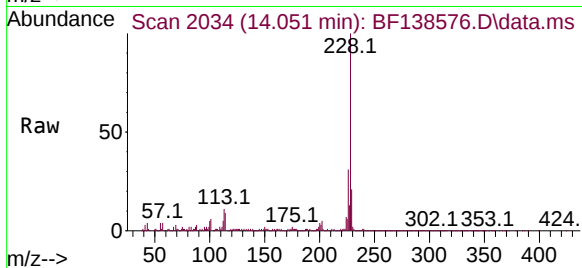
Tgt Ion:228 Resp: 202083

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

229 20.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.471 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

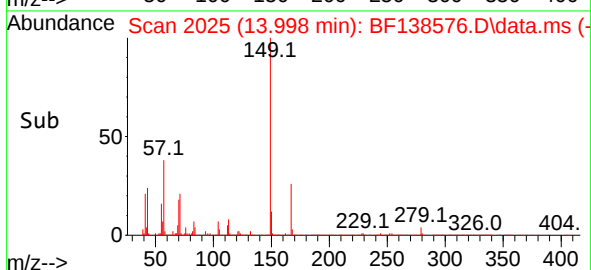
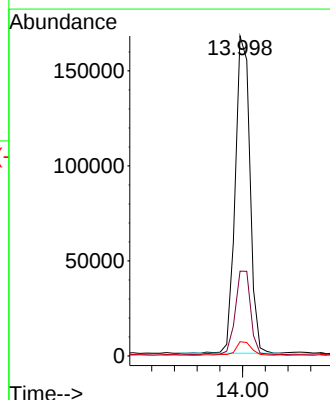
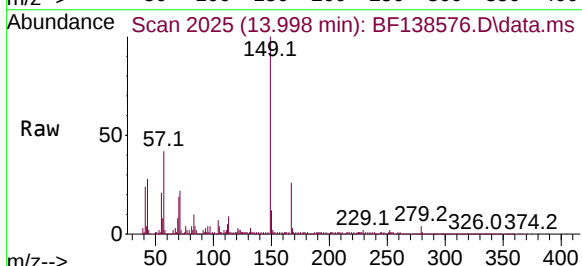
Tgt Ion:149 Resp: 149536

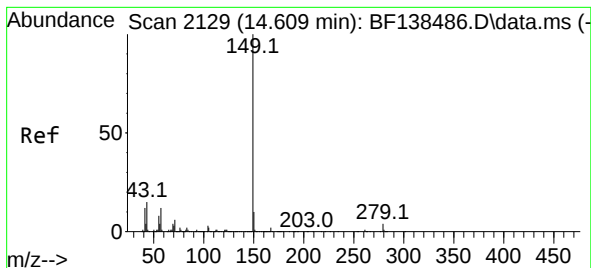
Ion Ratio Lower Upper

149 100

167 26.5 22.5 33.7

279 4.5 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 34.773 ng

RT: 14.610 min Scan# 2129

Delta R.T. 0.001 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

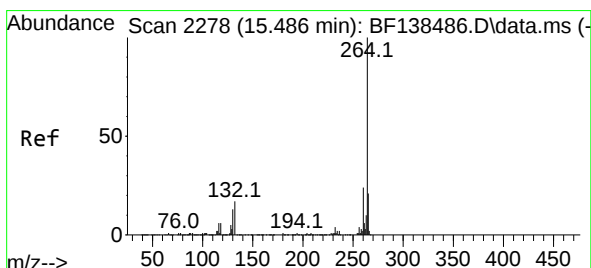
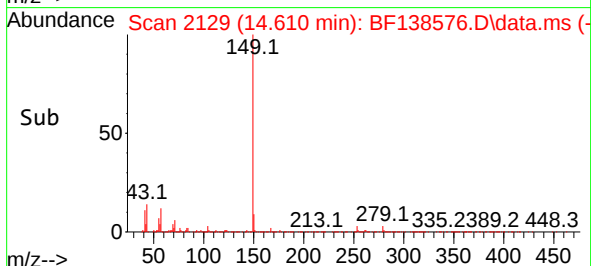
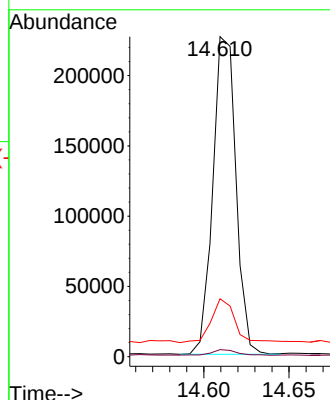
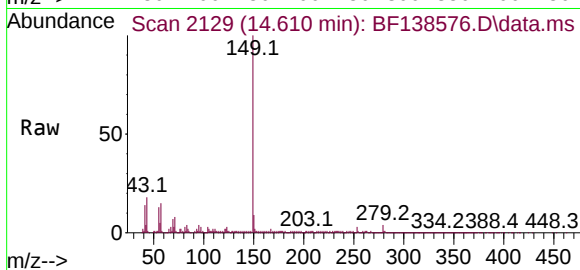
Tgt Ion:149 Resp: 213526

Ion Ratio Lower Upper

149 100

167 1.9 1.3 1.9

43 14.8 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.012 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

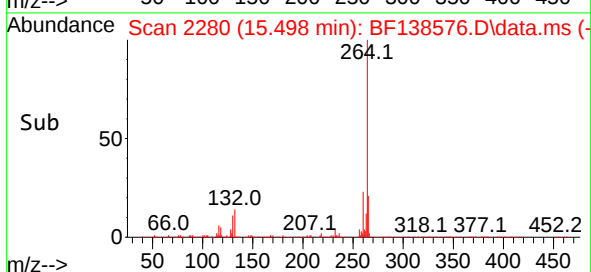
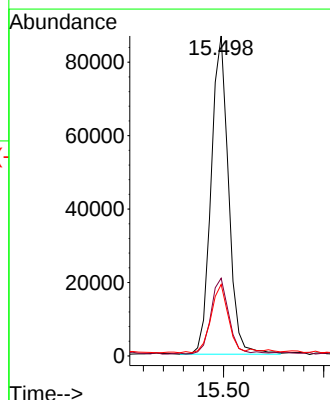
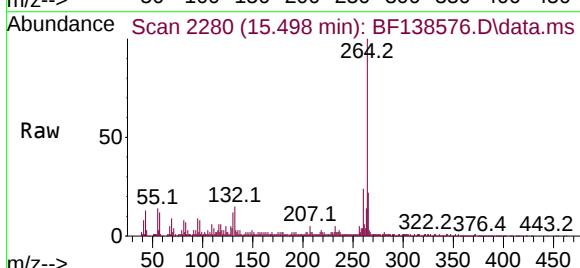
Tgt Ion:264 Resp: 104783

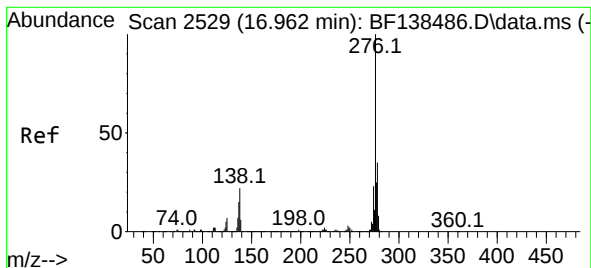
Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 22.4 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 21.875 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

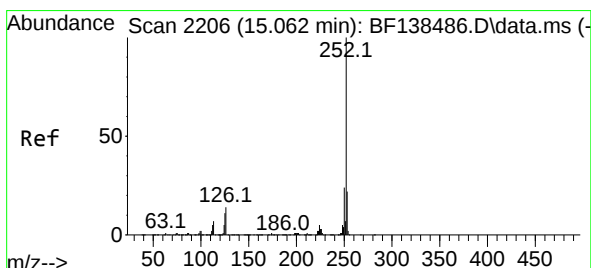
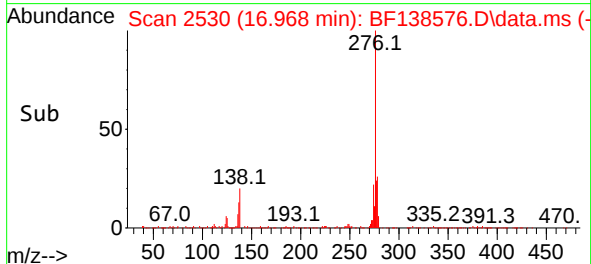
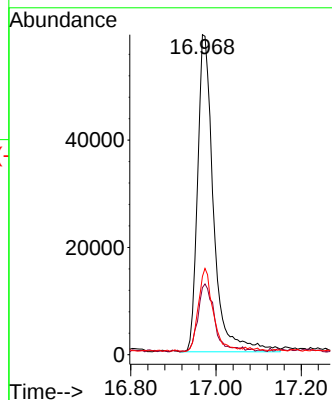
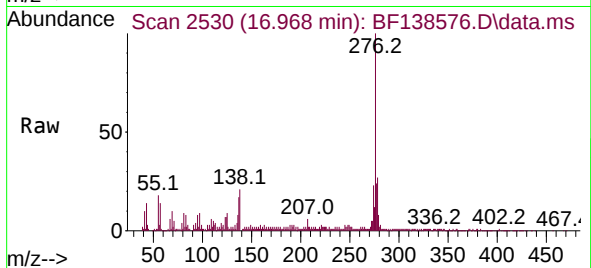
Tgt Ion:276 Resp: 153961

Ion Ratio Lower Upper

276 100

138 22.6 19.6 29.4

277 24.1 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 27.544 ng

RT: 15.068 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

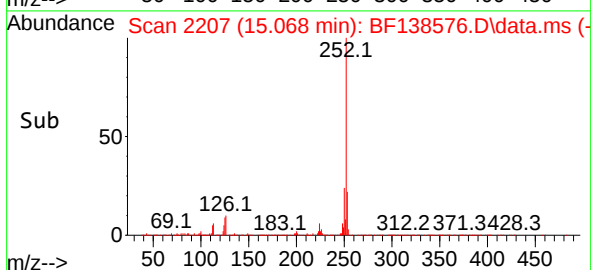
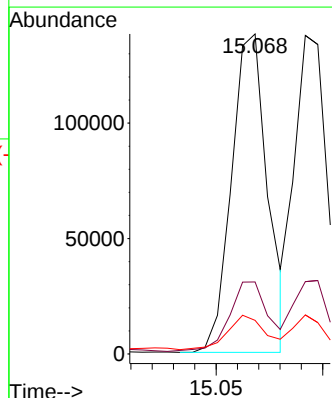
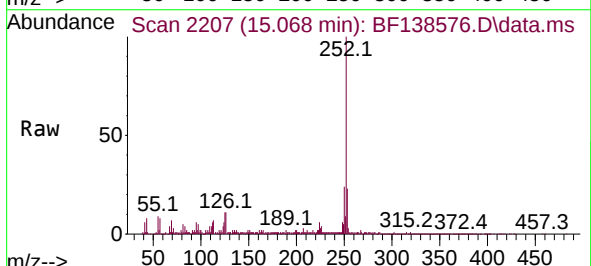
Tgt Ion:252 Resp: 162536

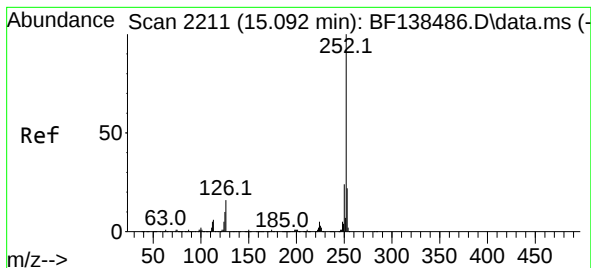
Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 10.5 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 28.241 ng

RT: 15.068 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

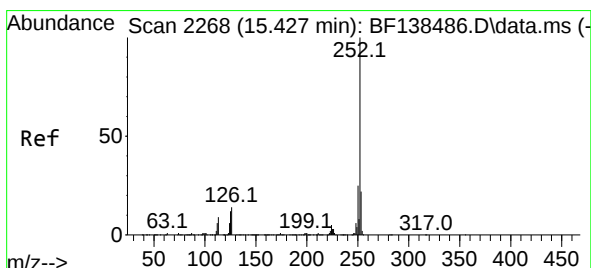
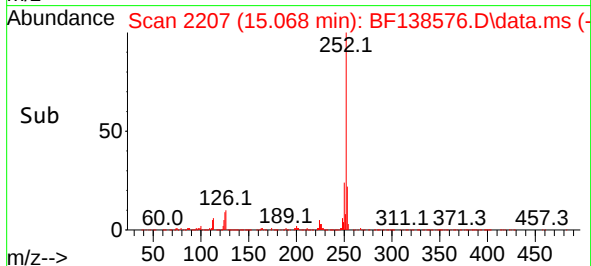
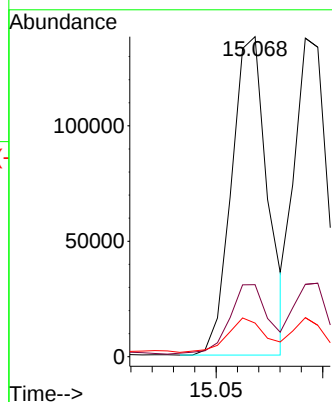
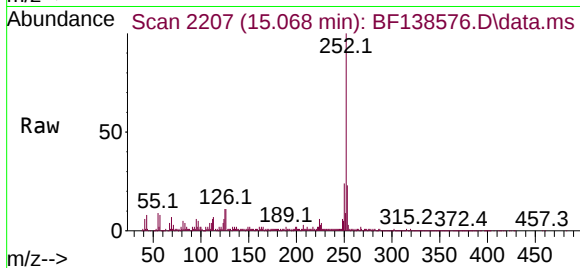
Tgt Ion:252 Resp: 162536

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 10.5 8.1 12.1



#90

Benzo(a)pyrene

Concen: 27.294 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

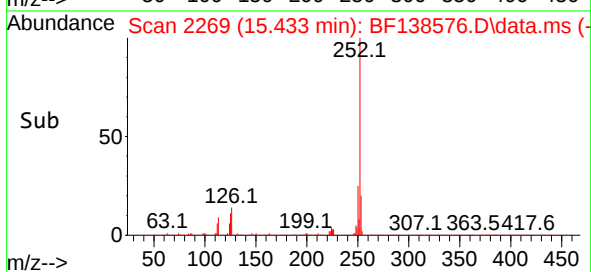
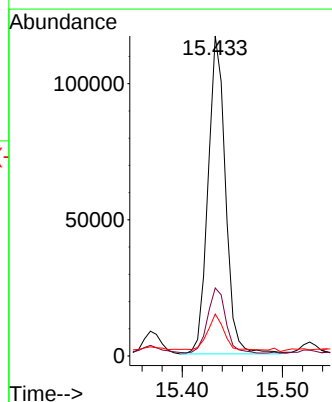
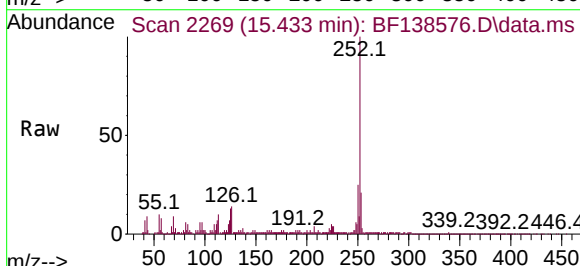
Tgt Ion:252 Resp: 141488

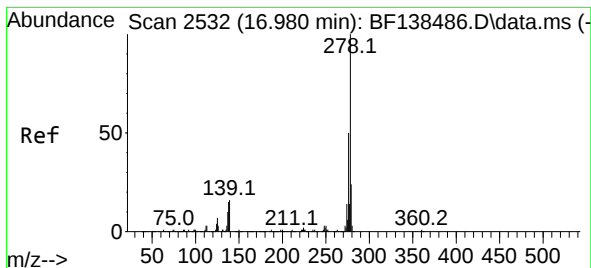
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 13.1 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 21.153 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

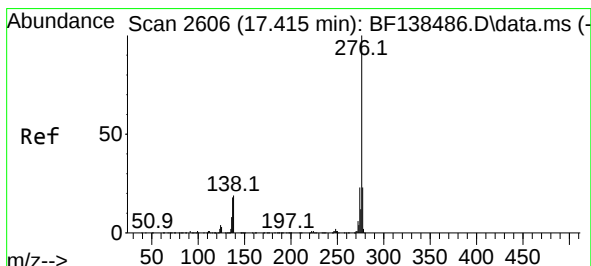
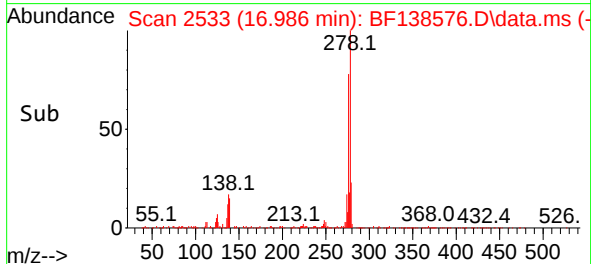
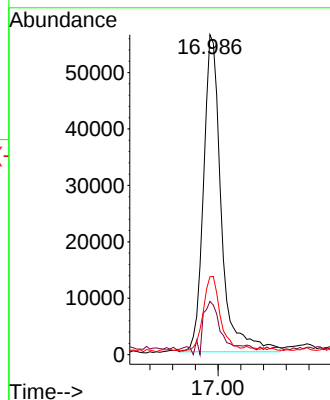
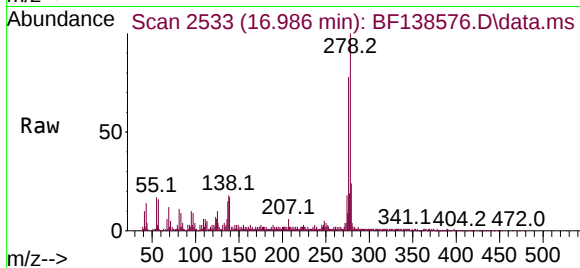
Tgt Ion:278 Resp: 121788

Ion Ratio Lower Upper

278 100

139 16.6 12.8 19.2

279 24.4 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 17.706 ng

RT: 17.421 min Scan# 2607

Delta R.T. 0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Tgt Ion:276 Resp: 108097

Ion Ratio Lower Upper

276 100

277 23.5 18.0 27.0

138 21.7 15.5 23.3

