

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
 Data File : BF141187.D
 Acq On : 16 Jan 2025 16:05
 Operator : RC/JU
 Sample : Q1094-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11938MS

Quant Time: Jan 16 16:30:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	154120	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	588238	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	289276	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	421160	20.000	ng	0.00
76) Chrysene-d12	13.986	240	311784	20.000	ng	0.00
86) Perylene-d12	15.457	264	285840	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1137536	114.019	ng	0.01
7) Phenol-d6	6.451	99	1421436	112.477	ng	0.00
23) Nitrobenzene-d5	7.381	82	921577	83.047	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	369666	112.152	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1627188	85.897	ng	0.00
79) Terphenyl-d14	12.933	244	1443854	68.830	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	187574	42.220	ng	98
3) Pyridine	3.375	79	464236	42.611	ng	97
4) n-Nitrosodimethylamine	3.322	42	253466	47.581	ng	98
6) Aniline	6.516	93	34954m	3.115	ng	
8) 2-Chlorophenol	6.604	128	530683	49.579	ng	97
9) Benzaldehyde	6.363	77	66457	8.929	ng	95
10) Phenol	6.463	94	629670	46.546	ng	97
11) bis(2-Chloroethyl)ether	6.551	93	644089m	63.887	ng	
12) 1,3-Dichlorobenzene	6.757	146	556350	46.603	ng	99
13) 1,4-Dichlorobenzene	6.834	146	562280	46.740	ng	99
14) 1,2-Dichlorobenzene	6.987	146	536182	47.781	ng	98
15) Benzyl Alcohol	6.957	79	465677	51.025	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.092	45	669615	47.597	ng	89
17) 2-Methylphenol	7.075	107	414961	48.019	ng	96
18) Hexachloroethane	7.328	117	205430	47.221	ng	97
19) n-Nitroso-di-n-propyla...	7.234	70	362414	48.683	ng	98
20) 3+4-Methylphenols	7.228	107	513895	47.137	ng	# 79
22) Acetophenone	7.228	105	698304	49.936	ng	96
24) Nitrobenzene	7.398	77	546515	47.254	ng	99
25) Isophorone	7.639	82	964571	50.862	ng	99
26) 2-Nitrophenol	7.716	139	275953	52.453	ng	98
27) 2,4-Dimethylphenol	7.757	122	419108	59.060	ng	97
28) bis(2-Chloroethoxy)met...	7.851	93	590590	49.622	ng	100
29) 2,4-Dichlorophenol	7.957	162	423355	50.232	ng	99
30) 1,2,4-Trichlorobenzene	8.039	180	454884	47.219	ng	99
31) Naphthalene	8.122	128	1583761	51.054	ng	100
32) Benzoic acid	7.869	122	249327	36.627	ng	99
33) 4-Chloroaniline	8.198	127	207137	19.308	ng	100
34) Hexachlorobutadiene	8.239	225	285950	49.261	ng	99
35) Caprolactam	8.539	113	117367	42.535	ng	98
36) 4-Chloro-3-methylphenol	8.657	107	439864	47.722	ng	99
37) 2-Methylnaphthalene	8.816	142	976871	49.417	ng	100
38) 1-Methylnaphthalene	8.910	142	893995	45.889	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	441441	53.168	ng	99
41) Hexachlorocyclopentadiene	8.963	237	335245	123.416	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	292382	52.214	ng	99

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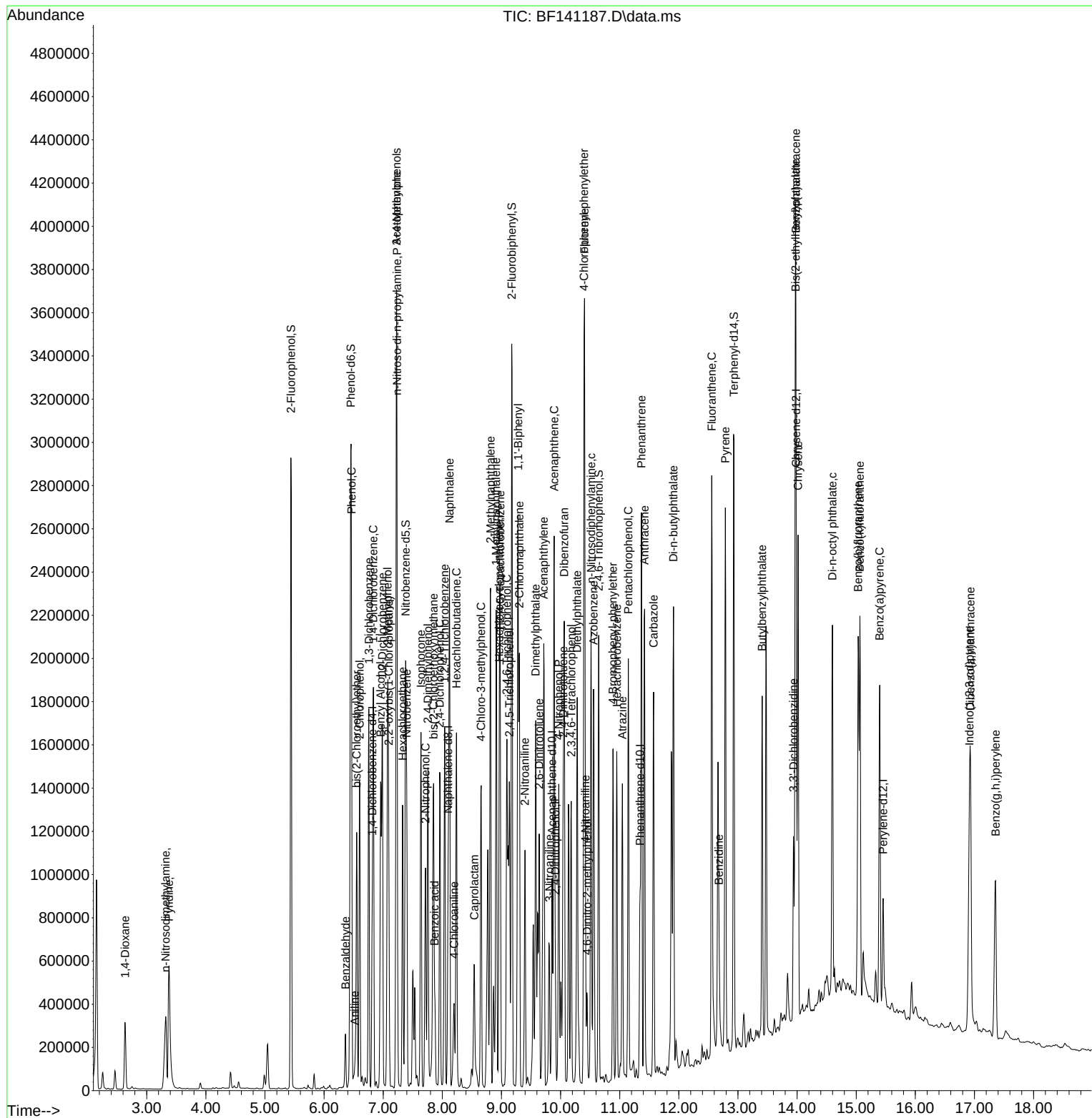
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	290840	49.178	ng	99
46) 1,1'-Biphenyl	9.281	154	1169201	52.045	ng	99
47) 2-Chloronaphthalene	9.304	162	864014	49.379	ng	99
48) 2-Nitroaniline	9.398	65	263750	50.850	ng	98
49) Acenaphthylene	9.716	152	1317523	52.703	ng	100
50) Dimethylphthalate	9.581	163	1027318	52.899	ng	100
51) 2,6-Dinitrotoluene	9.639	165	222015	49.161	ng	97
52) Acenaphthene	9.892	154	905218	51.829	ng	99
53) 3-Nitroaniline	9.810	138	156793	34.165	ng	98
54) 2,4-Dinitrophenol	9.910	184	103072	48.017	ng	# 75
55) Dibenzofuran	10.063	168	1195912	50.341	ng	99
56) 4-Nitrophenol	9.969	139	332250	92.441	ng	96
57) 2,4-Dinitrotoluene	10.045	165	277650	47.706	ng	97
58) Fluorene	10.404	166	898811	48.699	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	233069	47.412	ng	99
60) Diethylphthalate	10.280	149	972171	51.277	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	440428	48.961	ng	98
62) 4-Nitroaniline	10.422	138	172259	38.350	ng	99
63) Azobenzene	10.557	77	979659	52.367	ng	98
65) 4,6-Dinitro-2-methylph...	10.451	198	79474	32.565	ng	95
66) n-Nitrosodiphenylamine	10.516	169	765827	56.376	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	272584	56.217	ng	99
68) Hexachlorobenzene	10.951	284	288264	53.406	ng	99
69) Atrazine	11.045	200	234458	64.100	ng	99
70) Pentachlorophenol	11.145	266	320923	92.842	ng	99
71) Phenanthrene	11.369	178	1417616	62.697	ng	99
72) Anthracene	11.422	178	1244754	56.617	ng	100
73) Carbazole	11.574	167	1020663	50.630	ng	100
74) Di-n-butylphthalate	11.910	149	1494196	64.766	ng	100
75) Fluoranthene	12.557	202	1500414	66.498	ng	98
77) Benzidine	12.680	184	213735	36.967	ng	# 95
78) Pyrene	12.786	202	1461735	49.085	ng	99
80) Butylbenzylphthalate	13.410	149	503248	50.687	ng	99
81) Benzo(a)anthracene	13.980	228	1199002	56.507	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	252144	37.319	ng	99
83) Chrysene	14.015	228	1089500	54.875	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	709749	59.578	ng	100
85) Di-n-octyl phthalate	14.598	149	1200410	66.729	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.915	276	923144	44.082	ng	98
88) Benzo(b)fluoranthene	15.033	252	1210556	65.677	ng	100
89) Benzo(k)fluoranthene	15.062	252	888314	57.029	ng	99
90) Benzo(a)pyrene	15.398	252	941879	61.936	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	728333	43.001	ng	98
92) Benzo(g,h,i)perylene	17.356	276	688674	39.090	ng	98

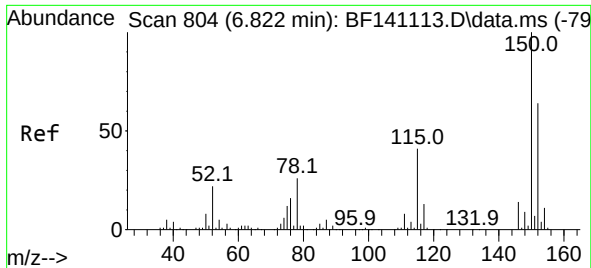
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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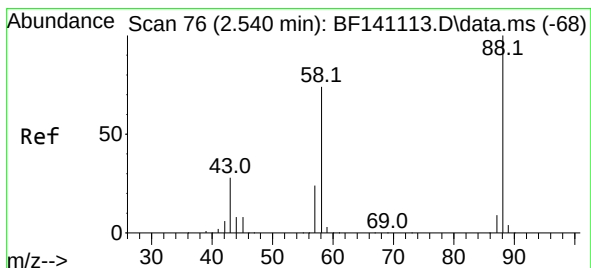
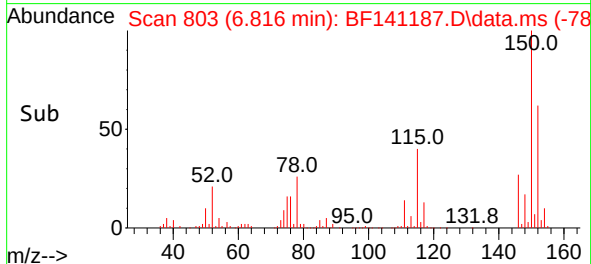
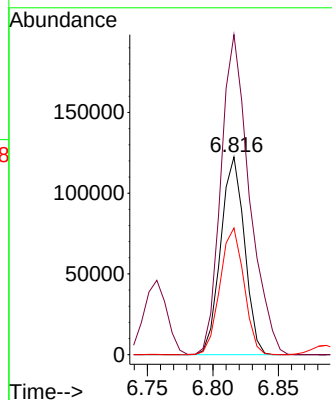
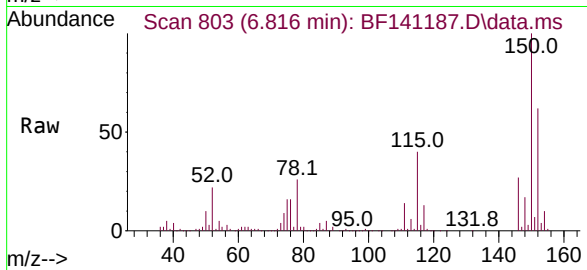




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF141187.D
 Acq: 16 Jan 2025 16:05

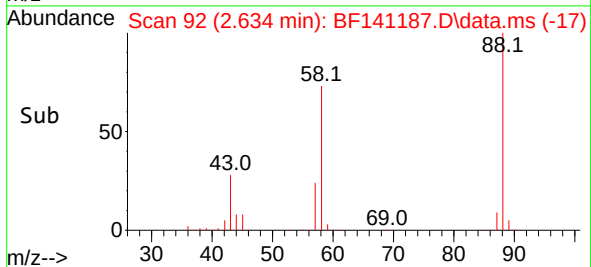
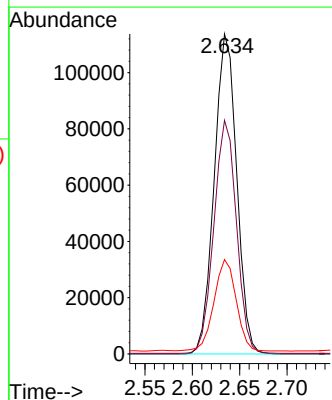
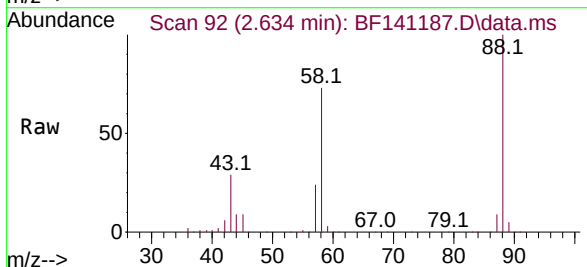
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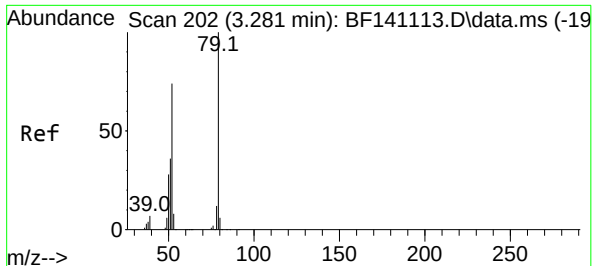
Tgt Ion:152 Resp: 154120
 Ion Ratio Lower Upper
 152 100
 150 161.8 125.8 188.8
 115 64.1 51.4 77.2



#2
 1,4-Dioxane
 Concen: 42.220 ng
 RT: 2.634 min Scan# 92
 Delta R.T. 0.094 min
 Lab File: BF141187.D
 Acq: 16 Jan 2025 16:05

Tgt Ion: 88 Resp: 187574
 Ion Ratio Lower Upper
 88 100
 58 72.9 60.1 90.1
 43 28.3 23.1 34.7

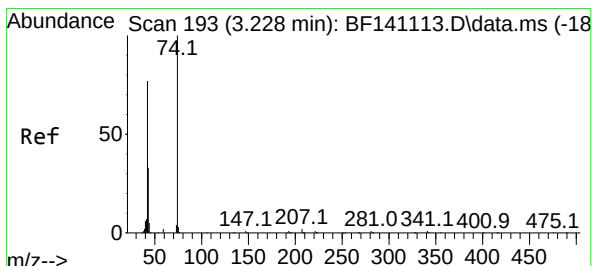
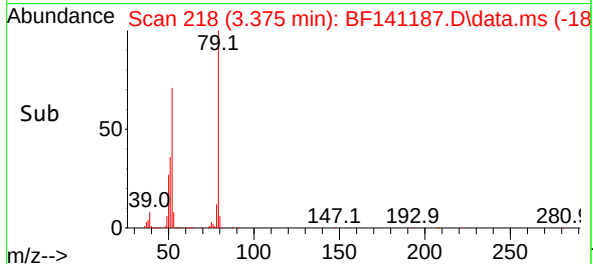
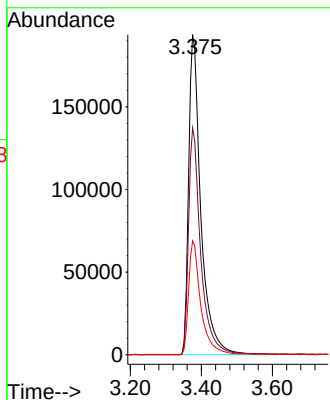
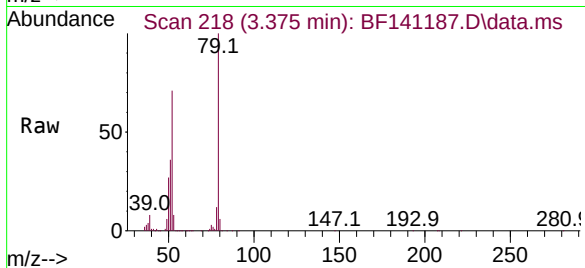




#3
Pyridine
Concen: 42.611 ng
RT: 3.375 min Scan# 21
Delta R.T. 0.094 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

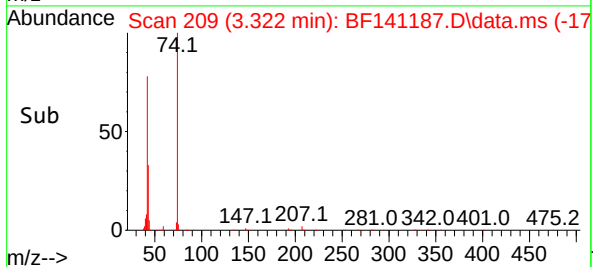
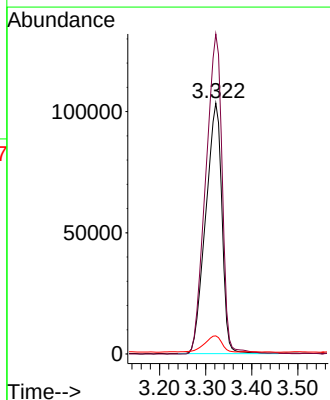
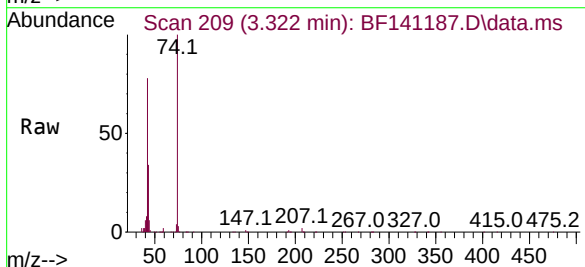
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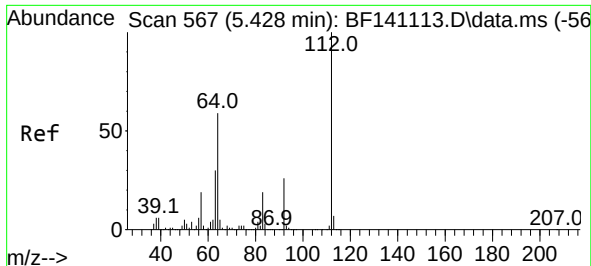
Tgt Ion: 79 Resp: 464236
Ion Ratio Lower Upper
79 100
52 70.9 58.9 88.3
51 35.6 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 47.581 ng
RT: 3.322 min Scan# 209
Delta R.T. 0.094 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion: 42 Resp: 253466
Ion Ratio Lower Upper
42 100
74 127.5 103.8 155.6
44 7.2 5.3 7.9

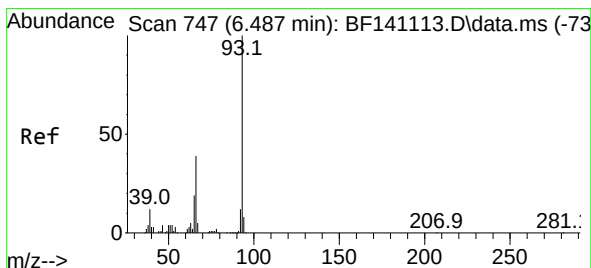
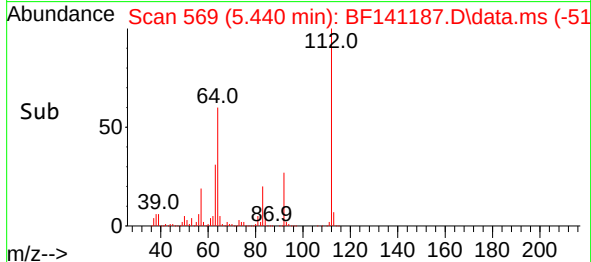
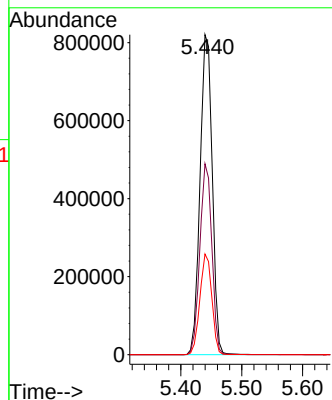
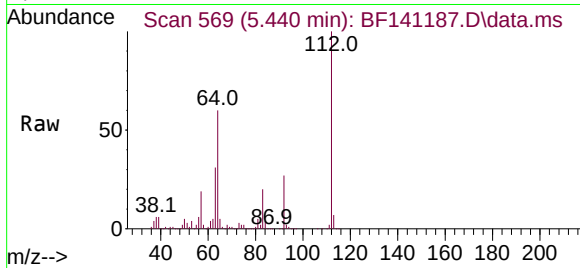




#5
2-Fluorophenol
Concen: 114.019 ng
RT: 5.440 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

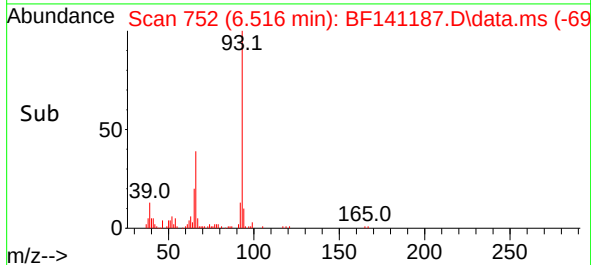
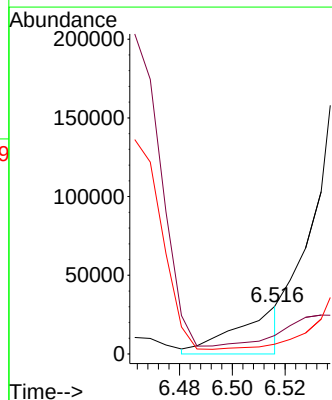
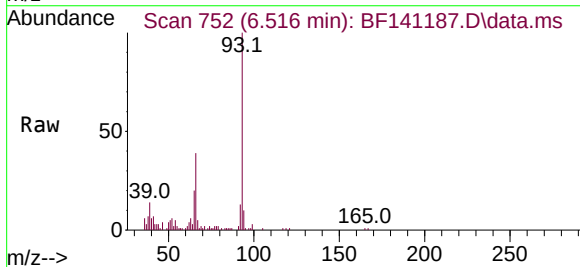
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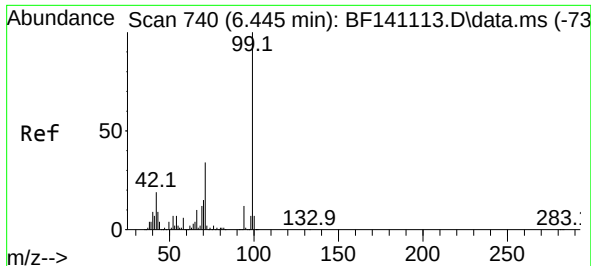
Tgt Ion:112 Resp: 1137536
Ion Ratio Lower Upper
112 100
64 59.6 47.3 70.9
63 31.5 24.2 36.2



#6
Aniline
Concen: 3.115 ng m
RT: 6.516 min Scan# 752
Delta R.T. 0.029 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion: 93 Resp: 34954
Ion Ratio Lower Upper
93 100
66 38.8 31.5 47.3
65 20.5 15.3 22.9

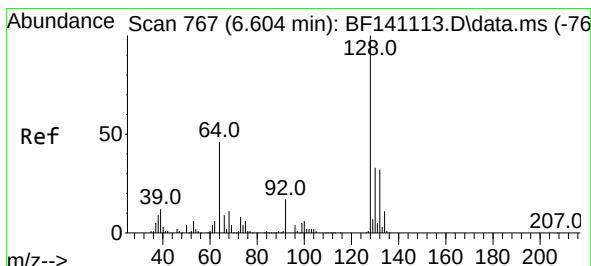
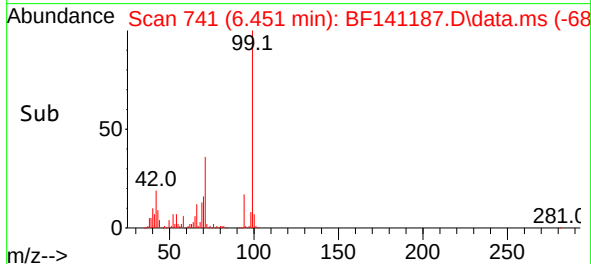
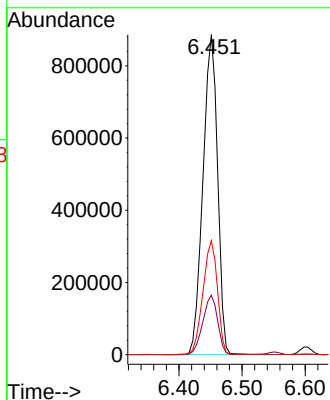
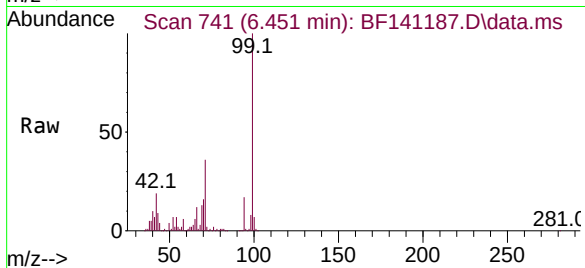




#7
Phenol-d6
Concen: 112.477 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141187.D
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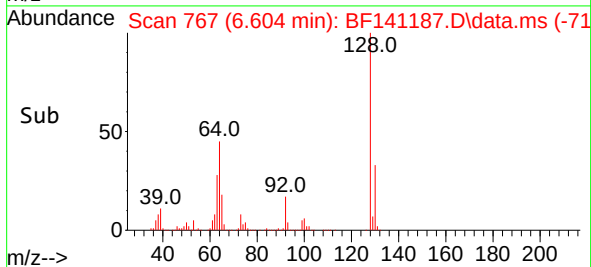
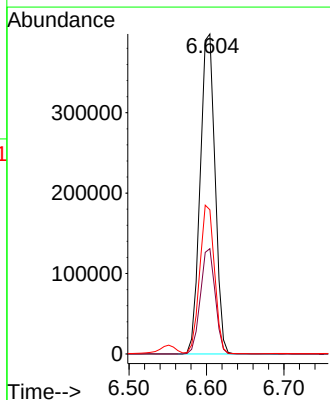
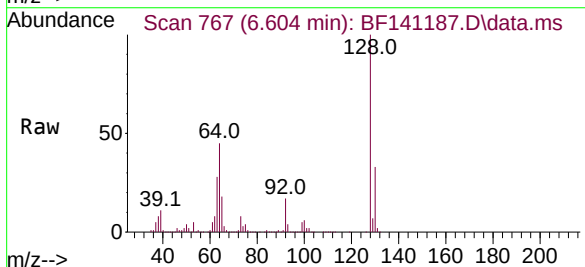
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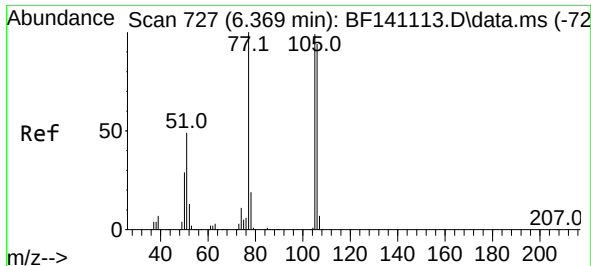
Tgt Ion: 99 Resp: 1421436
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 35.7 27.6 41.4



#8
2-Chlorophenol
Concen: 49.579 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.000 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion:128 Resp: 530683
Ion Ratio Lower Upper
128 100
130 32.9 12.5 52.5
64 45.0 28.3 68.3

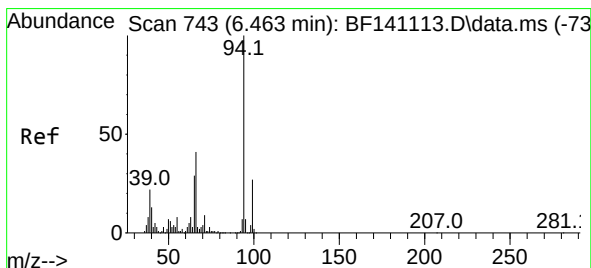
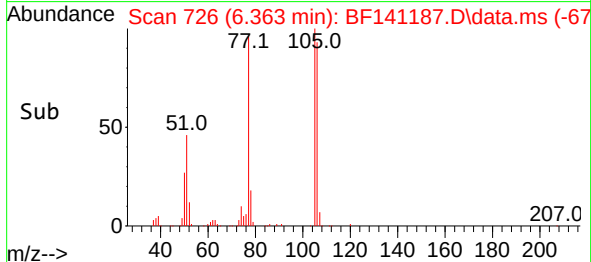
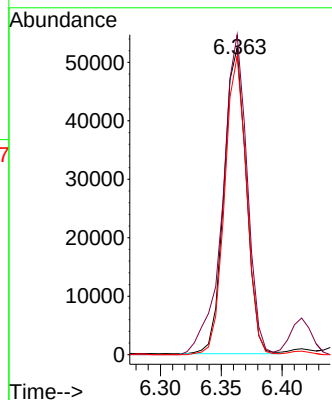
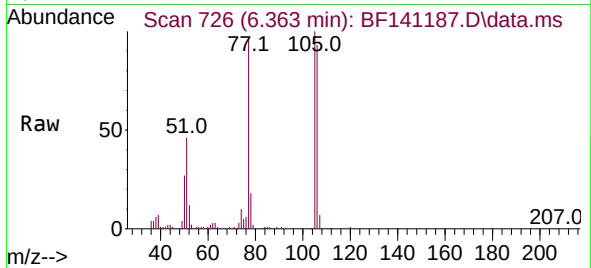




#9
Benzaldehyde
Concen: 8.929 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
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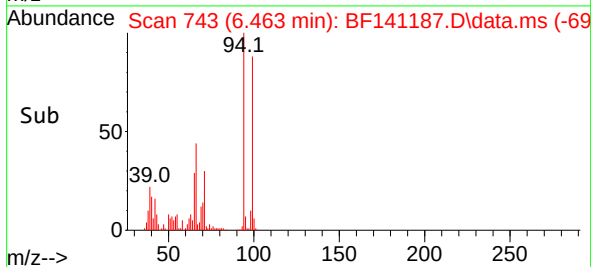
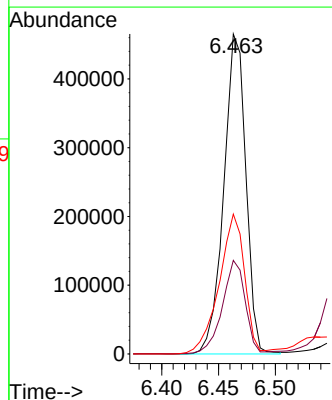
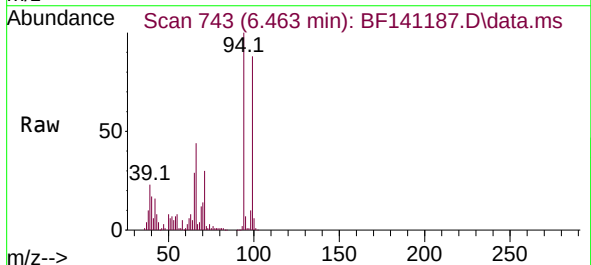
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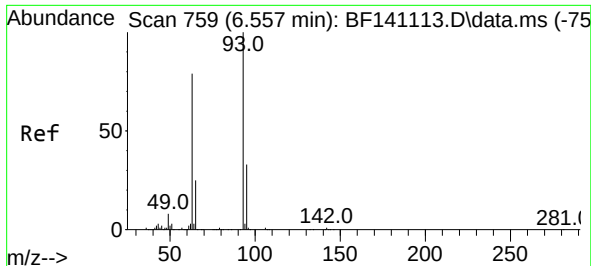
Tgt Ion: 77 Resp: 66457
Ion Ratio Lower Upper
77 100
105 104.3 78.9 118.9
106 97.3 73.6 113.6



#10
Phenol
Concen: 46.546 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF141187.D
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Tgt Ion: 94 Resp: 629670
Ion Ratio Lower Upper
94 100
65 29.3 8.9 48.9
66 43.7 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 63.887 ng m

RT: 6.551 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

Instrument :

BNA_F

ClientSampleId :

72-11938MS

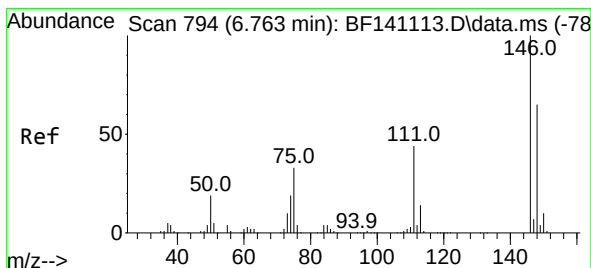
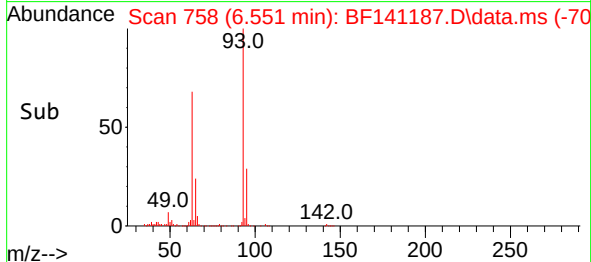
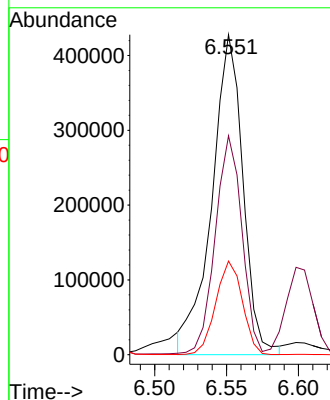
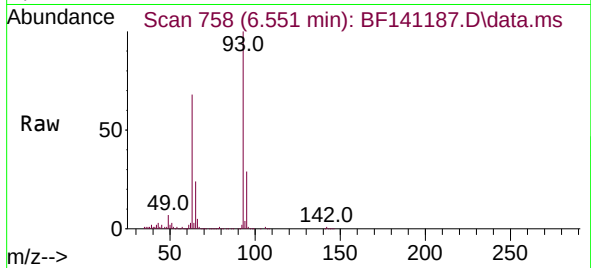
Tgt Ion: 93 Resp: 644089

Ion Ratio Lower Upper

93 100

63 68.4 58.0 98.0

95 29.3 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 46.603 ng

RT: 6.757 min Scan# 793

Delta R.T. -0.006 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

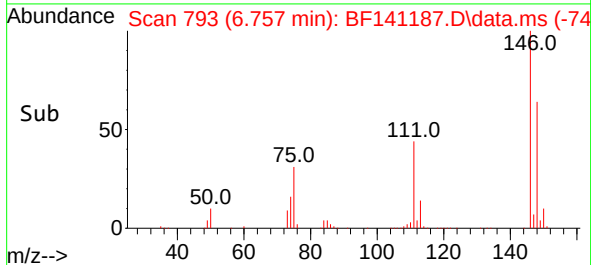
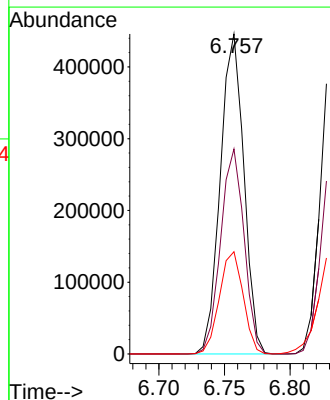
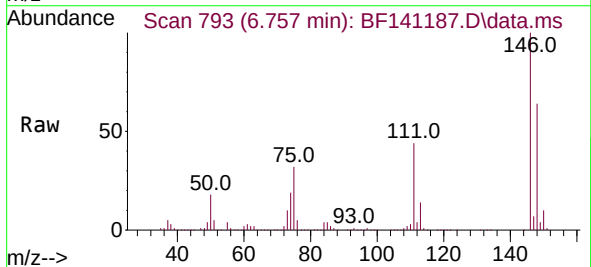
Tgt Ion:146 Resp: 556350

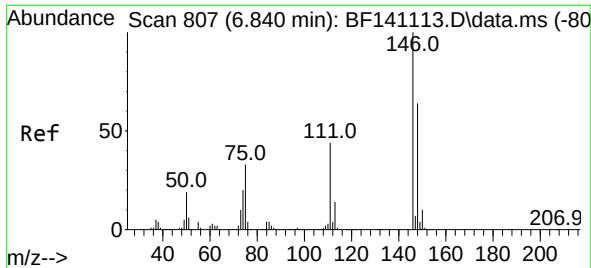
Ion Ratio Lower Upper

146 100

148 64.1 51.6 77.4

75 31.9 26.2 39.2

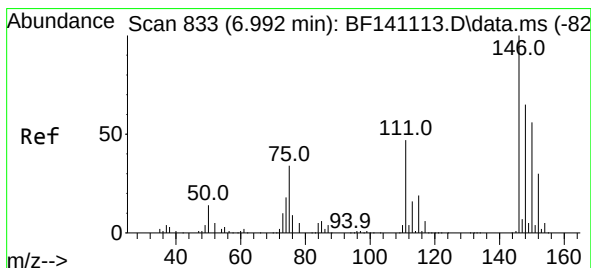
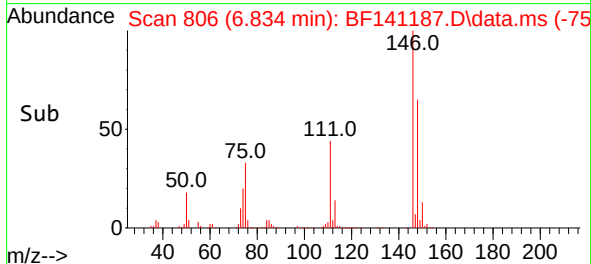
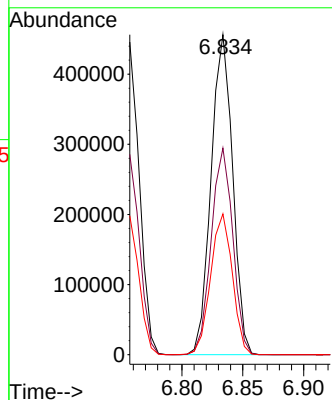
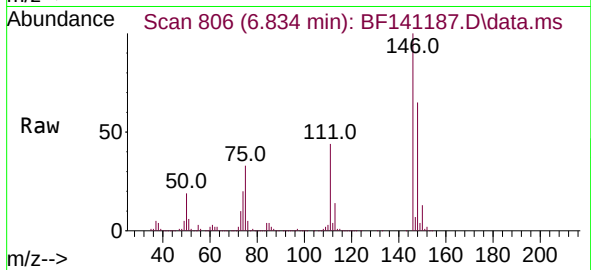




#13
 1,4-Dichlorobenzene
 Concen: 46.740 ng
 RT: 6.834 min Scan# 807
 Delta R.T. -0.006 min
 Lab File: BF141187.D
 Acq: 16 Jan 2025 16:05

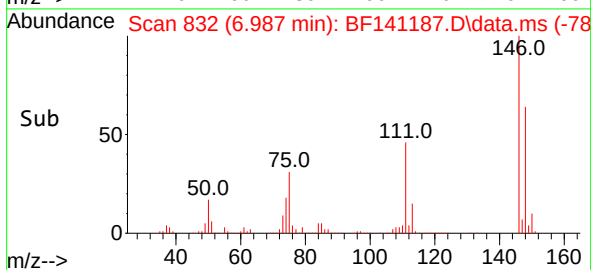
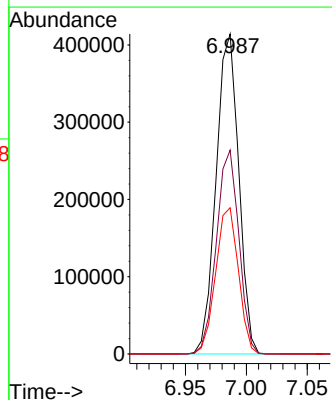
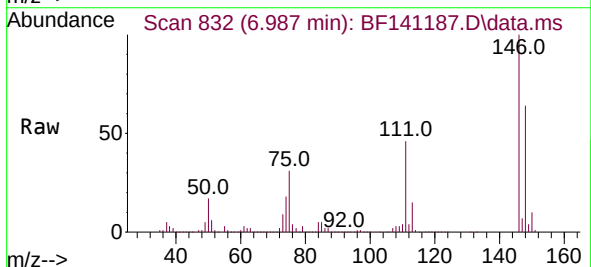
Instrument :
 BNA_F
 ClientSampleId :
 72-11938MS

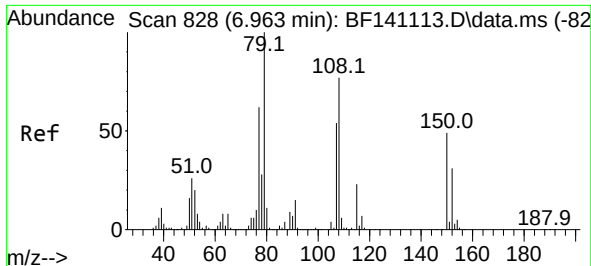
Tgt Ion:146 Resp: 562280
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.0 76.6
 111 44.0 34.9 52.3



#14
 1,2-Dichlorobenzene
 Concen: 47.781 ng
 RT: 6.987 min Scan# 832
 Delta R.T. -0.006 min
 Lab File: BF141187.D
 Acq: 16 Jan 2025 16:05

Tgt Ion:146 Resp: 536182
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.4
 111 45.7 37.5 56.3

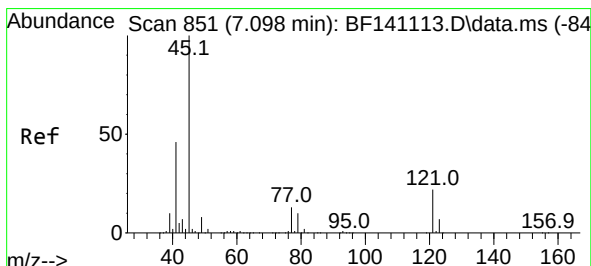
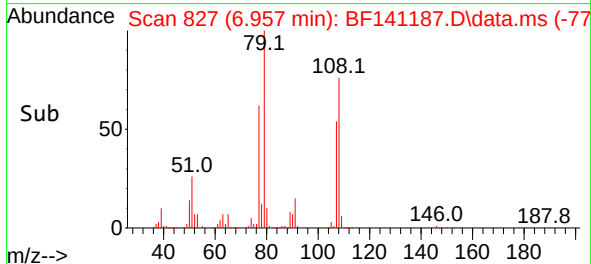
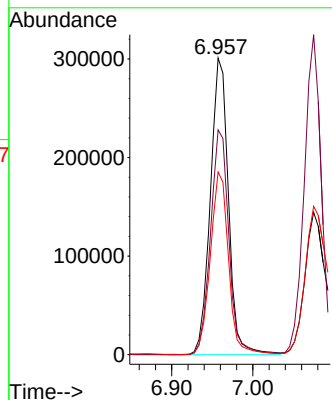
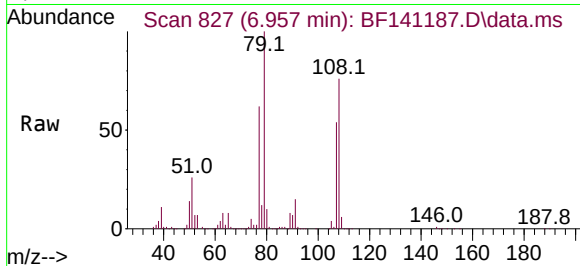




#15
Benzyl Alcohol
Concen: 51.025 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

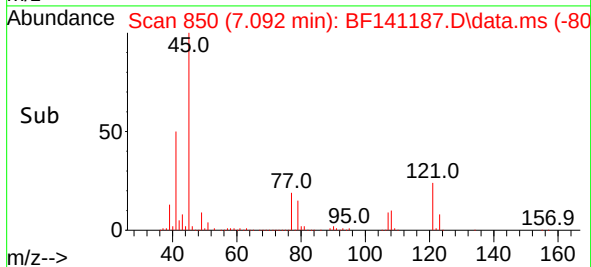
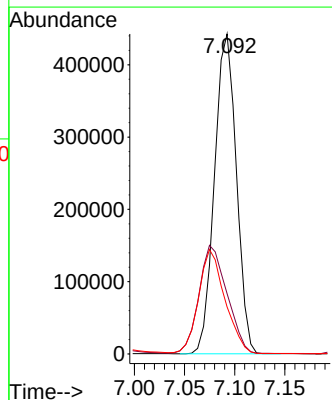
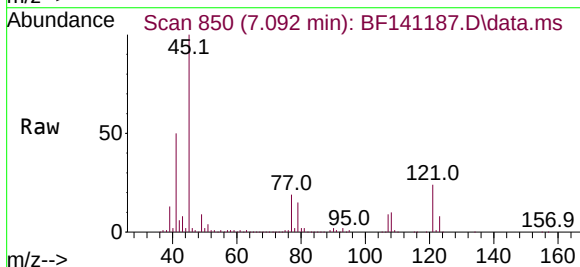
Instrument :
BNA_F
ClientSampleId :
72-11938MS

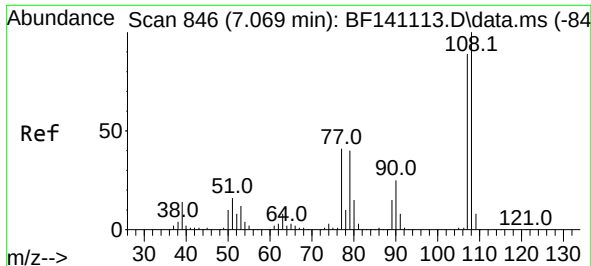
Tgt Ion: 79 Resp: 465677
Ion Ratio Lower Upper
79 100
108 75.7 61.4 92.0
77 61.6 49.8 74.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 47.597 ng
RT: 7.092 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion: 45 Resp: 669615
Ion Ratio Lower Upper
45 100
77 18.8 0.0 34.1
79 14.7 0.0 31.0

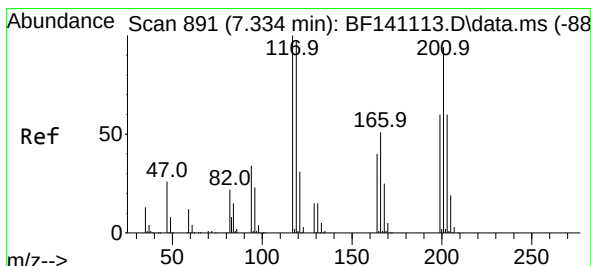
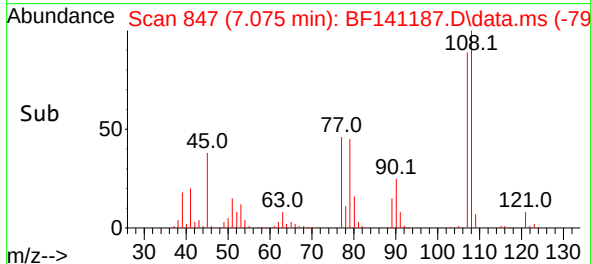
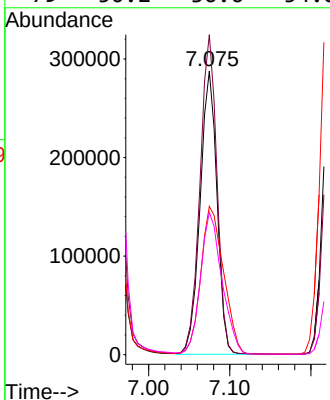
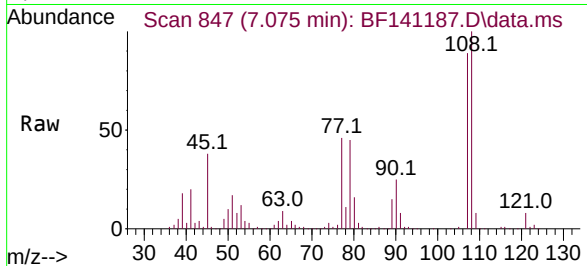




#17
2-Methylphenol
Concen: 48.019 ng
RT: 7.075 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

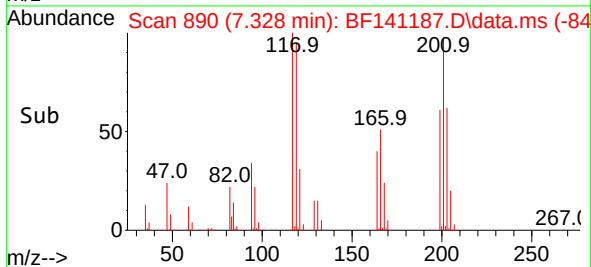
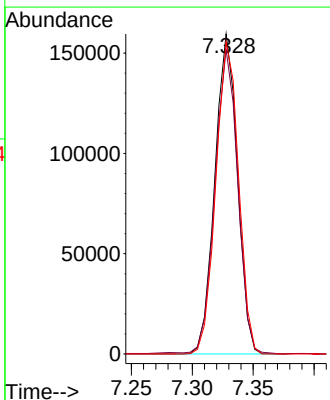
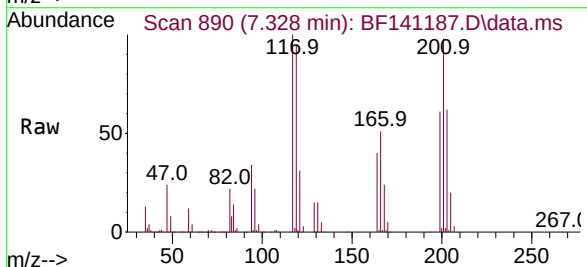
Instrument :
BNA_F
ClientSampleId :
72-11938MS

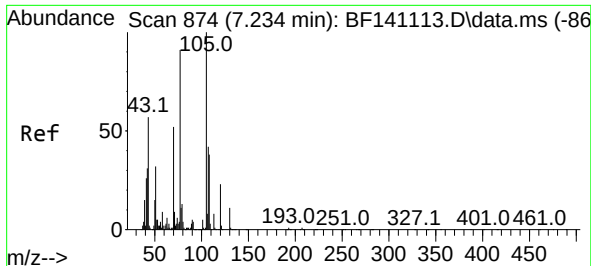
Tgt Ion:107 Resp: 414961
Ion Ratio Lower Upper
107 100
108 112.8 90.1 135.1
77 52.3 36.6 55.0
79 50.2 36.6 54.8



#18
Hexachloroethane
Concen: 47.221 ng
RT: 7.328 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion:117 Resp: 205430
Ion Ratio Lower Upper
117 100
119 95.1 77.6 116.4
201 97.6 75.1 112.7



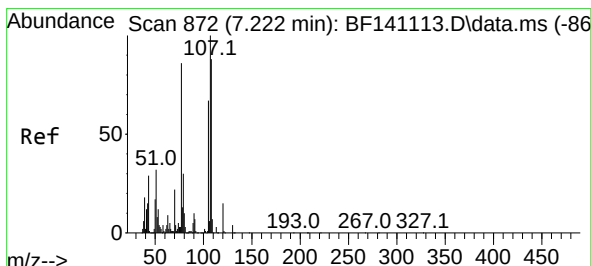
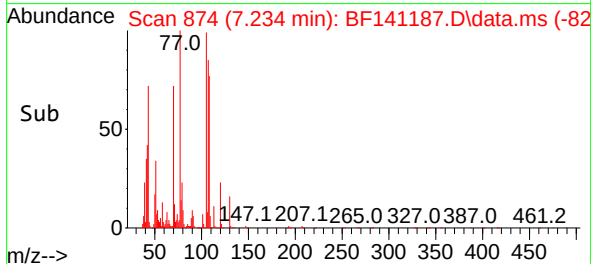
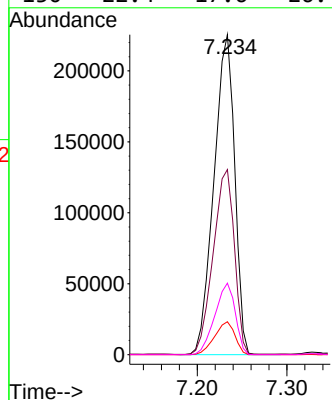
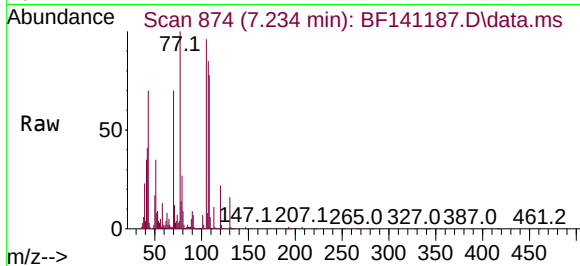


#19
n-Nitroso-di-n-propylamine
Concen: 48.683 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Instrument :
BNA_F
ClientSampleId :
72-11938MS

Tgt Ion: 70 Resp: 362414

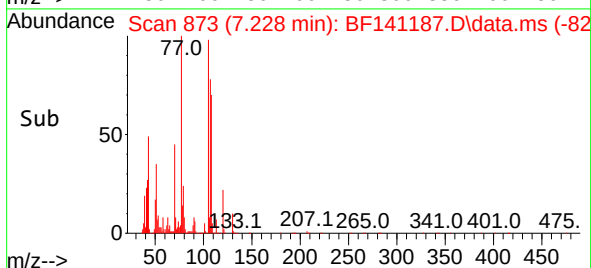
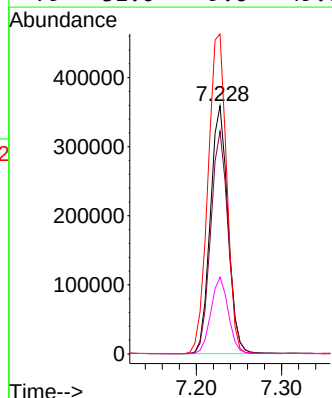
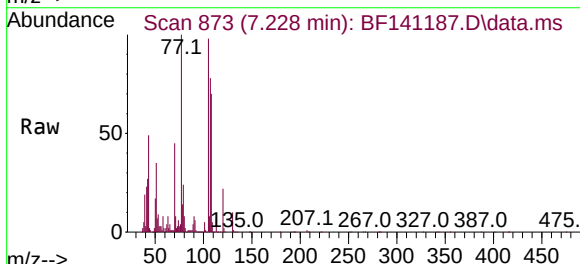
Ion	Ratio	Lower	Upper
70	100		
42	57.8	47.8	71.6
101	10.3	7.9	11.9
130	22.4	17.6	26.4

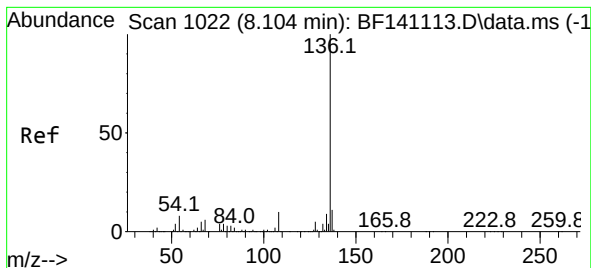


#20
3+4-Methylphenols
Concen: 47.137 ng
RT: 7.228 min Scan# 873
Delta R.T. 0.006 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion: 107 Resp: 513895

Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.3	108.3
77	129.0	66.4	106.4#
79	31.0	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.098 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

Instrument :

BNA_F

ClientSampleId :

72-11938MS

Tgt Ion:136 Resp: 588238

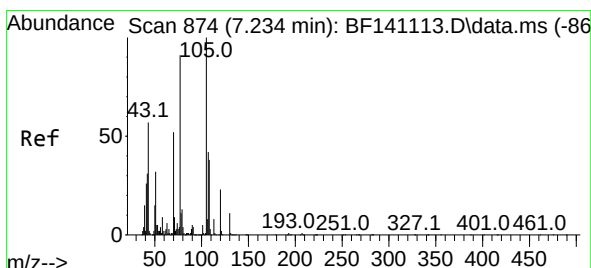
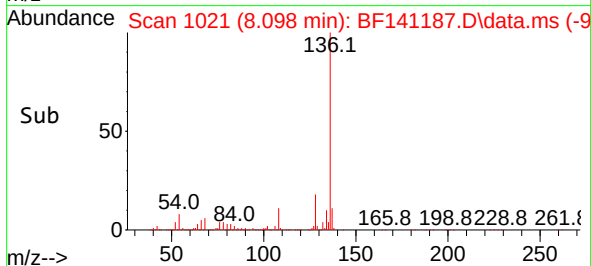
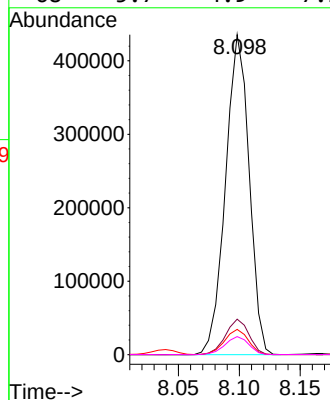
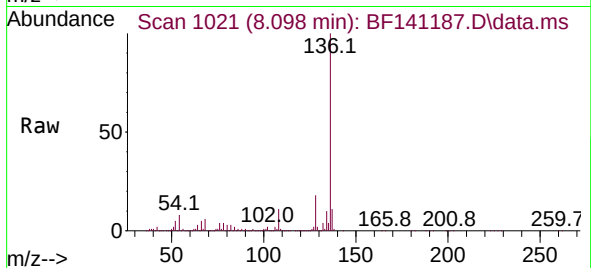
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.9 6.3 9.5

68 5.7 4.9 7.3



#22

Acetophenone

Concen: 49.936 ng

RT: 7.228 min Scan# 873

Delta R.T. -0.006 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

Tgt Ion:105 Resp: 698304

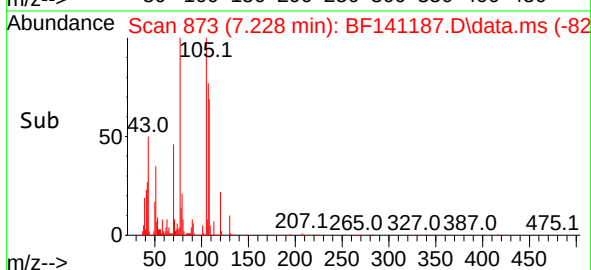
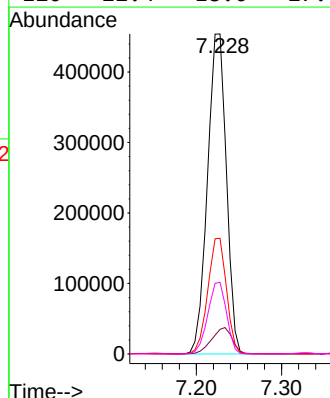
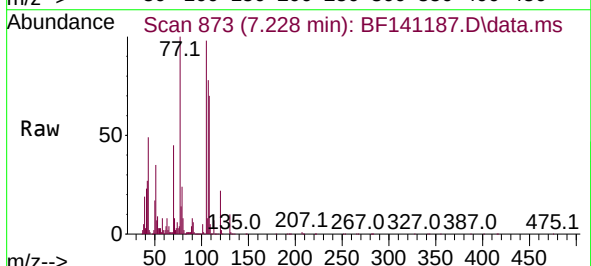
Ion Ratio Lower Upper

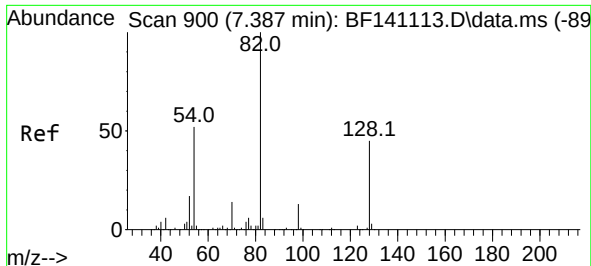
105 100

71 7.7 7.1 10.7

51 36.1 25.4 38.2

120 22.4 18.0 27.0





#23

Nitrobenzene-d5

Concen: 83.047 ng

RT: 7.381 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

Instrument :

BNA_F

ClientSampleId :

72-11938MS

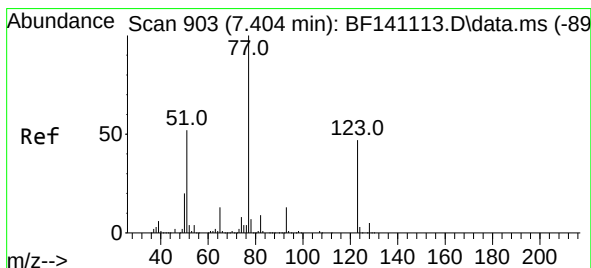
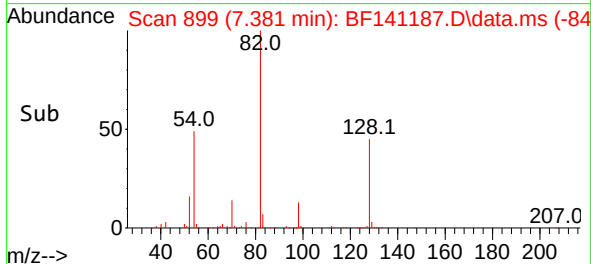
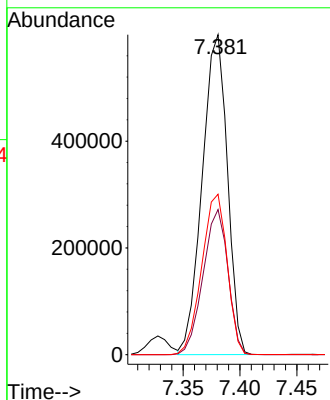
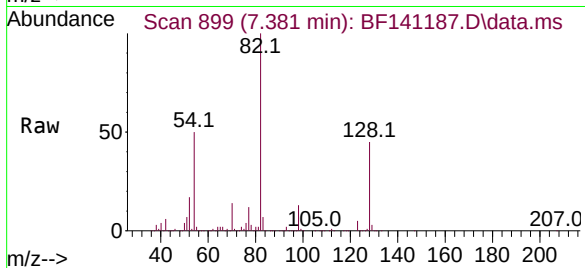
Tgt Ion: 82 Resp: 921577

Ion Ratio Lower Upper

82 100

128 45.4 36.1 54.1

54 50.2 41.0 61.4



#24

Nitrobenzene

Concen: 47.254 ng

RT: 7.398 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

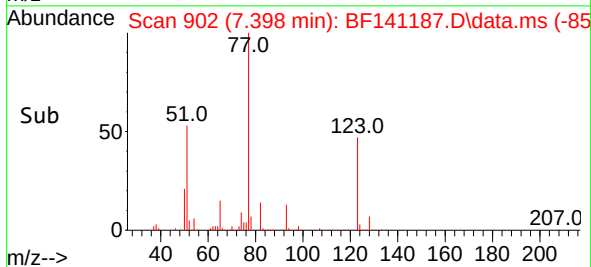
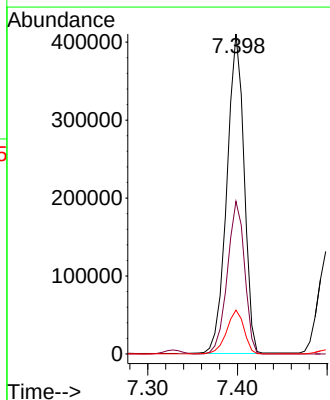
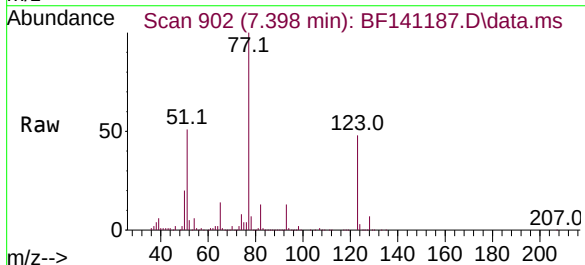
Tgt Ion: 77 Resp: 546515

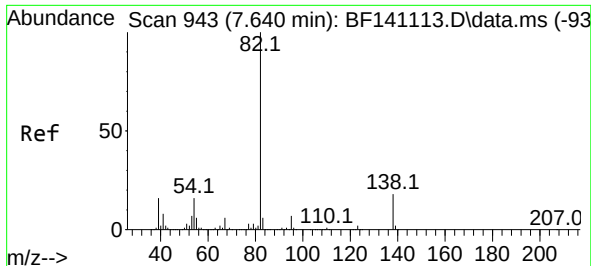
Ion Ratio Lower Upper

77 100

123 47.7 37.7 56.5

65 13.7 10.6 16.0

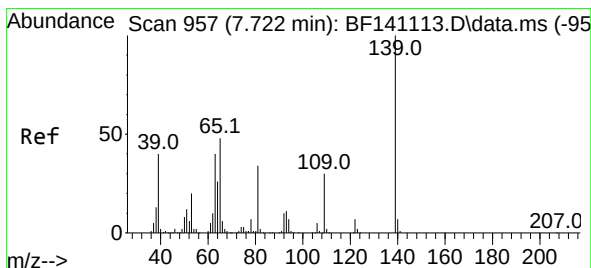
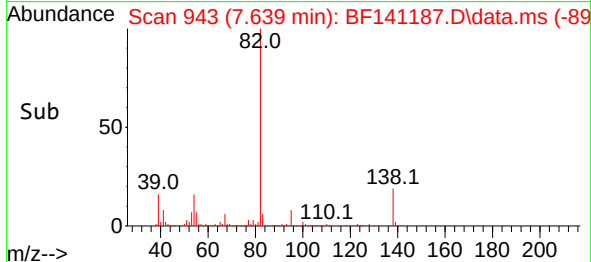
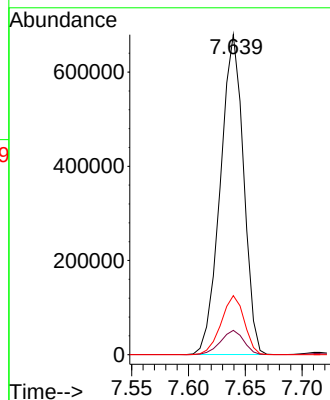
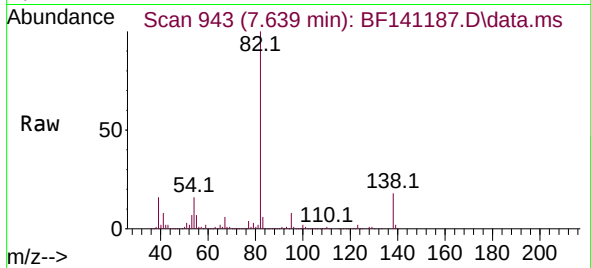




#25
Isophorone
Concen: 50.862 ng
RT: 7.639 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

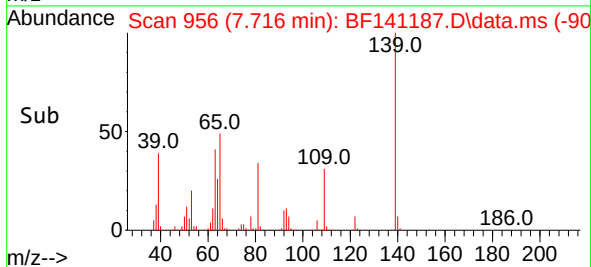
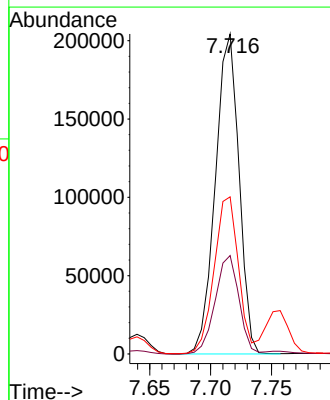
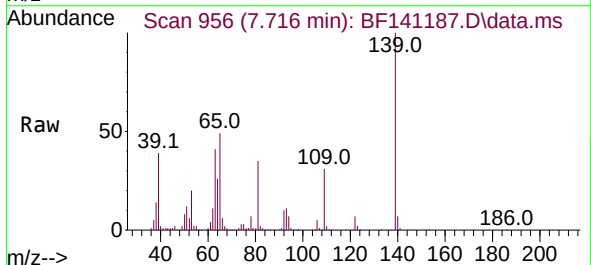
Instrument :
BNA_F
ClientSampleId :
72-11938MS

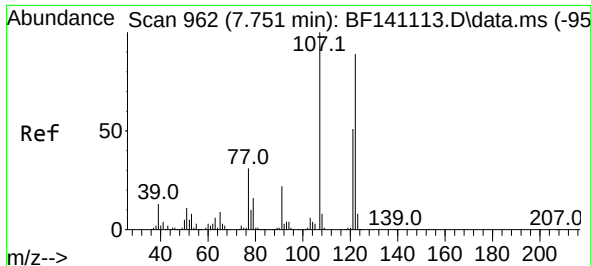
Tgt Ion: 82 Resp: 964571
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 18.5 14.2 21.2



#26
2-Nitrophenol
Concen: 52.453 ng
RT: 7.716 min Scan# 956
Delta R.T. -0.006 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion:139 Resp: 275953
Ion Ratio Lower Upper
139 100
109 30.8 23.8 35.6
65 49.1 38.5 57.7

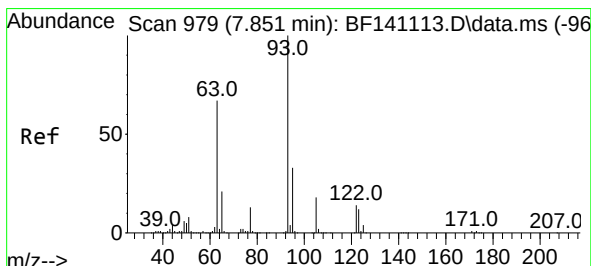
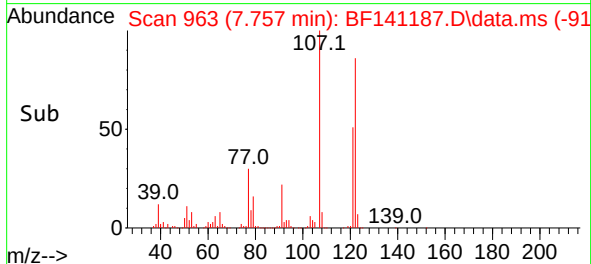
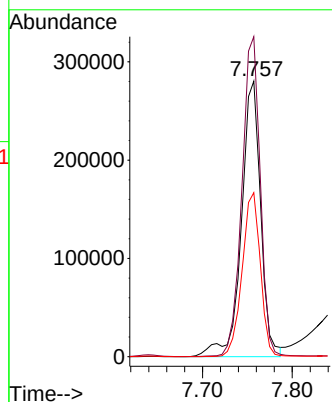
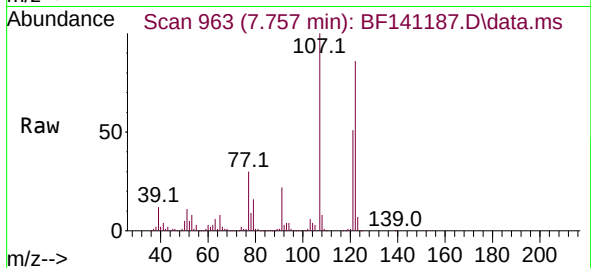




#27
2,4-Dimethylphenol
Concen: 59.060 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

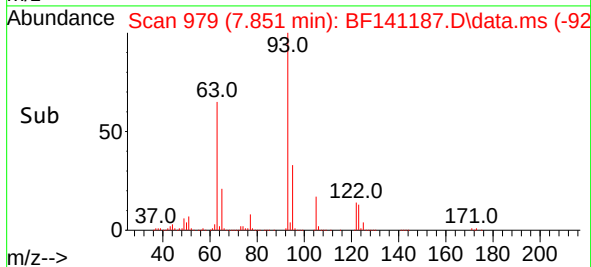
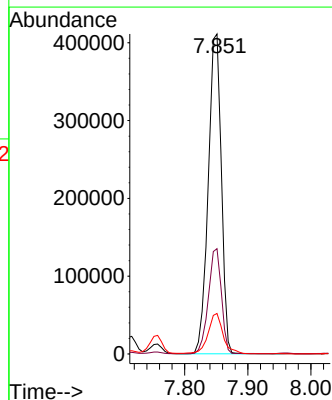
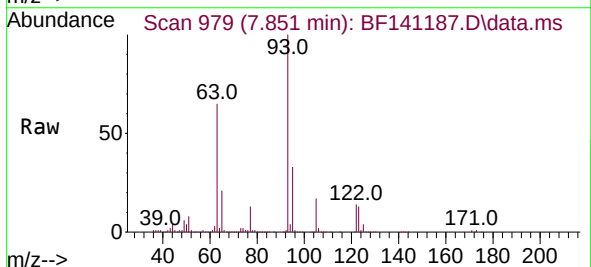
Instrument :
BNA_F
ClientSampleId :
72-11938MS

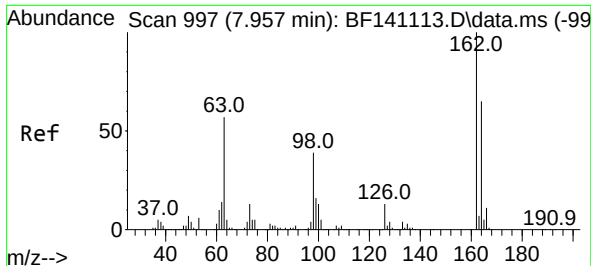
Tgt Ion:122 Resp: 419108
Ion Ratio Lower Upper
122 100
107 116.1 90.3 135.5
121 59.5 46.5 69.7



#28
bis(2-Chloroethoxy)methane
Concen: 49.622 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.000 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion: 93 Resp: 590590
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.4
123 12.7 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 50.232 ng

RT: 7.957 min Scan# 997

Delta R.T. -0.000 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

Instrument :

BNA_F

ClientSampleId :

72-11938MS

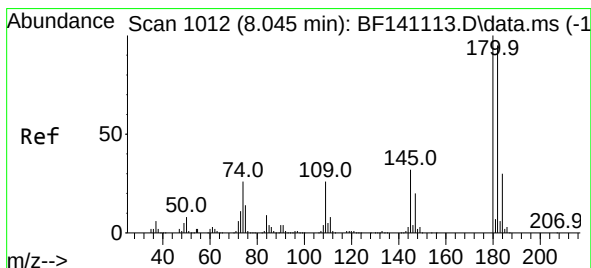
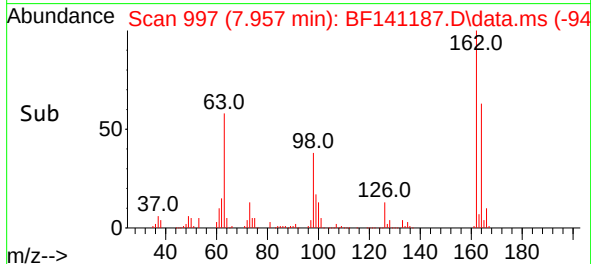
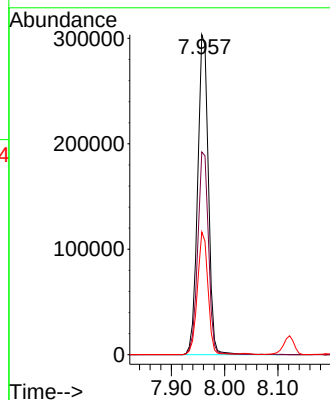
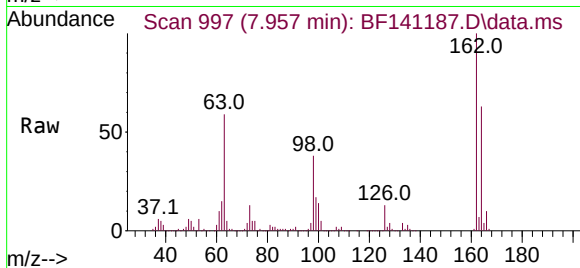
Tgt Ion:162 Resp: 423355

Ion Ratio Lower Upper

162 100

164 63.3 44.5 84.5

98 38.4 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 47.219 ng

RT: 8.039 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

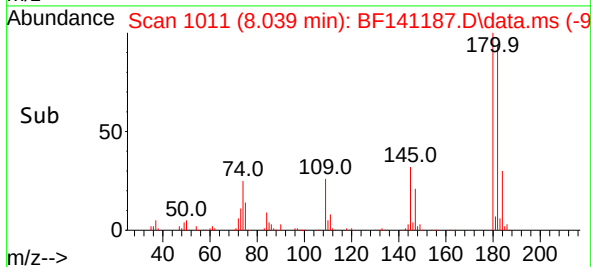
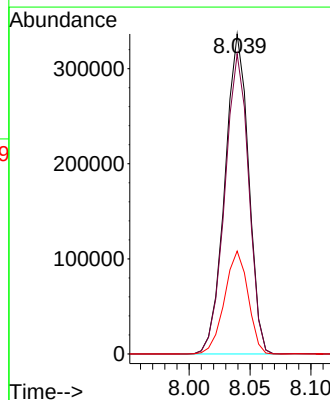
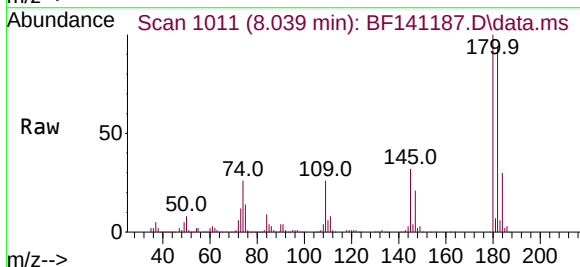
Tgt Ion:180 Resp: 454884

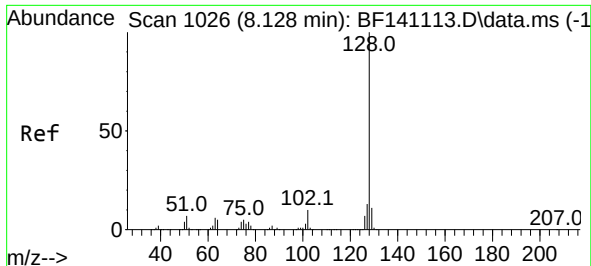
Ion Ratio Lower Upper

180 100

182 93.7 76.2 114.2

145 32.2 25.3 37.9

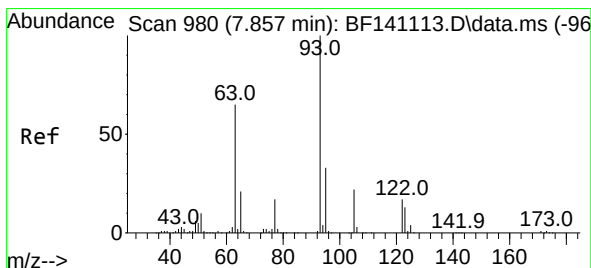
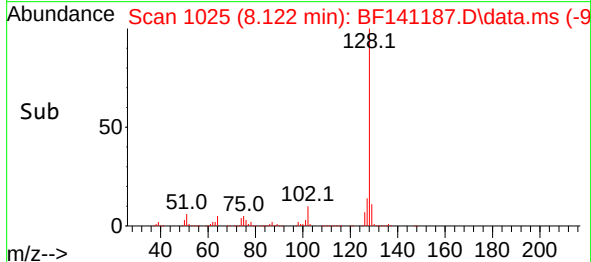
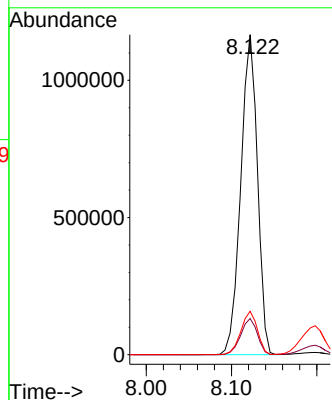
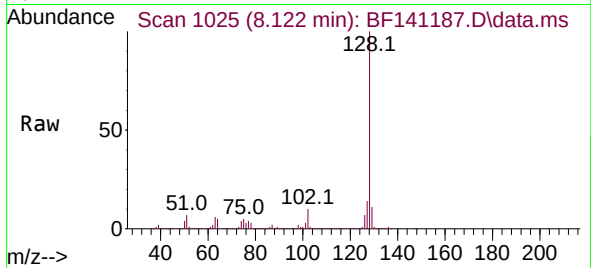




#31
Naphthalene
Concen: 51.054 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

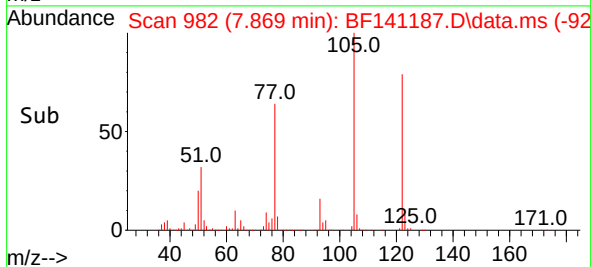
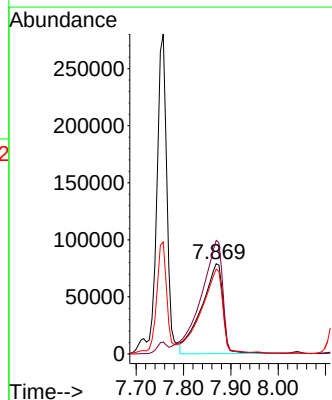
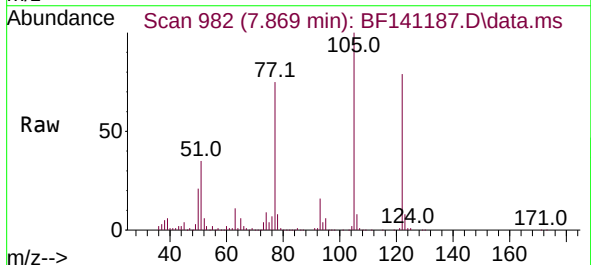
Instrument :
BNA_F
ClientSampleId :
72-11938MS

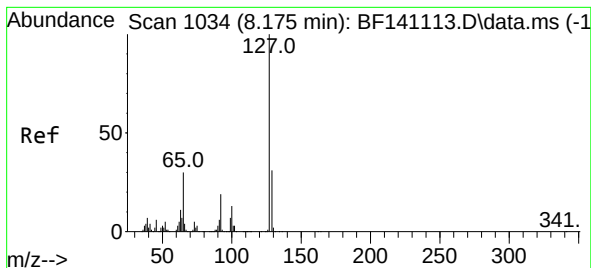
Tgt Ion:128 Resp: 1583761
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 36.627 ng
RT: 7.869 min Scan# 982
Delta R.T. 0.012 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion:122 Resp: 249327
Ion Ratio Lower Upper
122 100
105 125.9 105.5 145.5
77 93.9 75.1 115.1





#33

4-Chloroaniline

Concen: 19.308 ng

RT: 8.198 min Scan# 1038

Delta R.T. 0.023 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

Instrument :

BNA_F

ClientSampleId :

72-11938MS

Tgt Ion:127 Resp: 207137

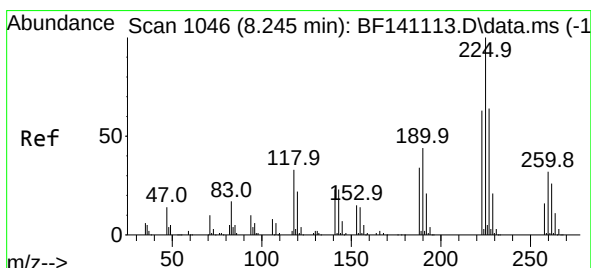
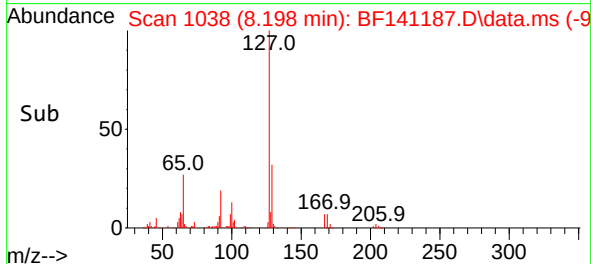
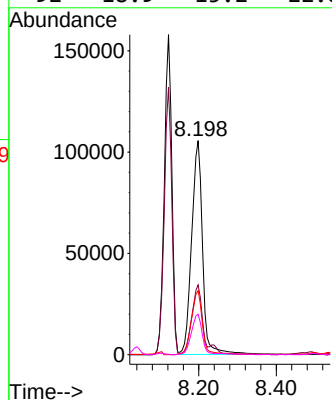
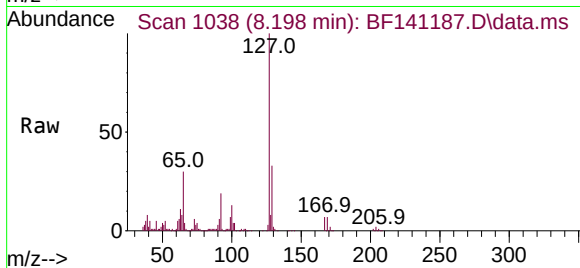
Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 29.9 23.8 35.8

92 18.9 15.2 22.8



#34

Hexachlorobutadiene

Concen: 49.261 ng

RT: 8.239 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

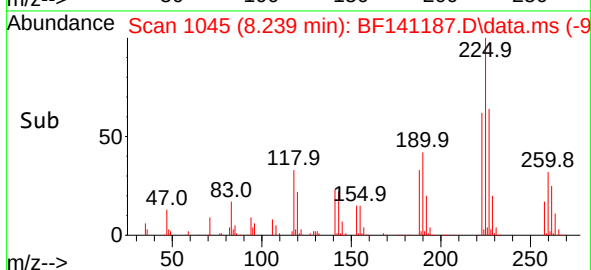
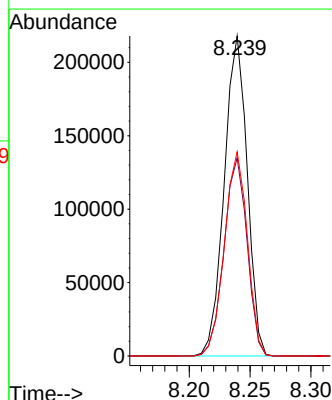
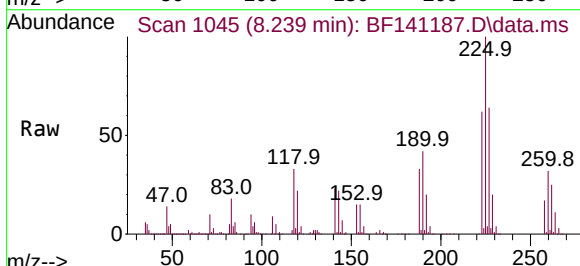
Tgt Ion:225 Resp: 285950

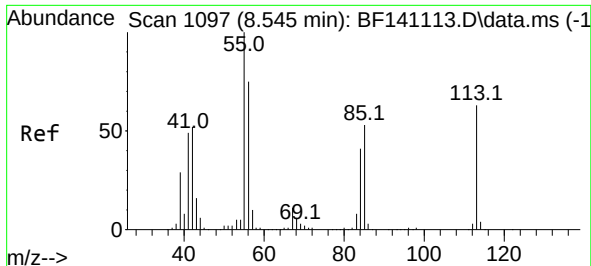
Ion Ratio Lower Upper

225 100

223 61.9 50.6 76.0

227 63.8 51.6 77.4

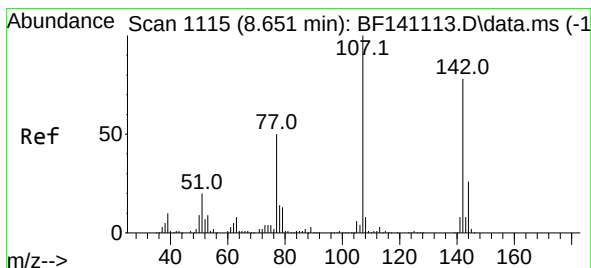
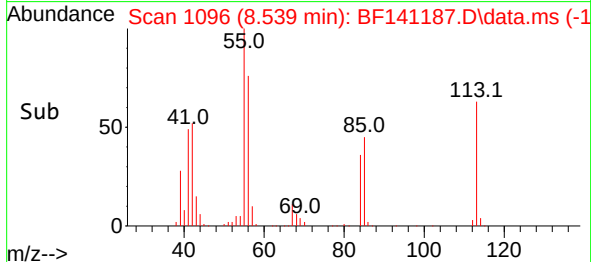
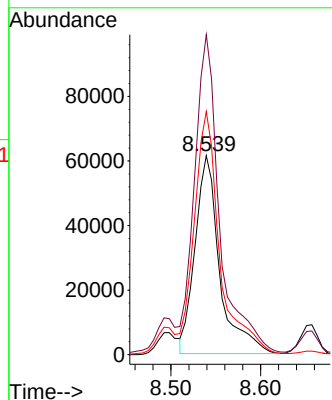
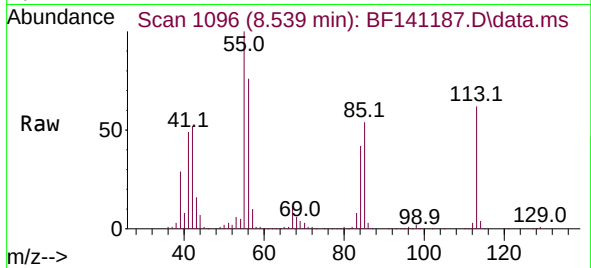




#35
Caprolactam
Concen: 42.535 ng
RT: 8.539 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

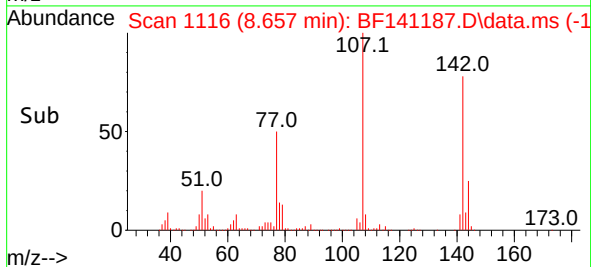
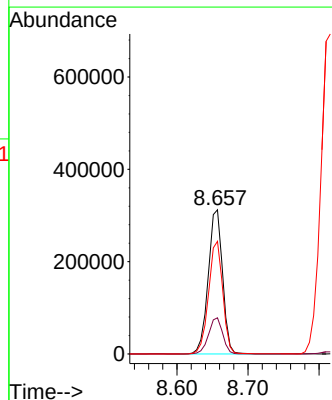
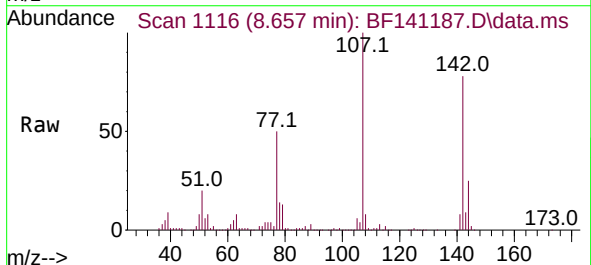
Instrument :
BNA_F
ClientSampleId :
72-11938MS

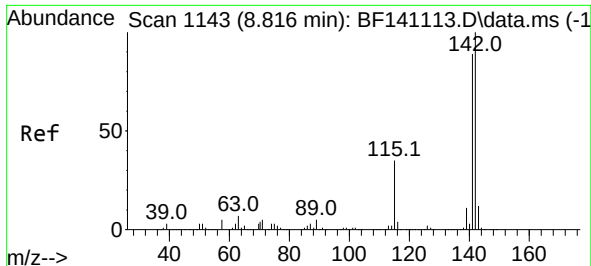
Tgt Ion:113 Resp: 117367
Ion Ratio Lower Upper
113 100
55 160.8 139.7 179.7
56 122.2 99.4 139.4



#36
4-Chloro-3-methylphenol
Concen: 47.722 ng
RT: 8.657 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion:107 Resp: 439864
Ion Ratio Lower Upper
107 100
144 25.1 20.4 30.6
142 78.2 62.2 93.2

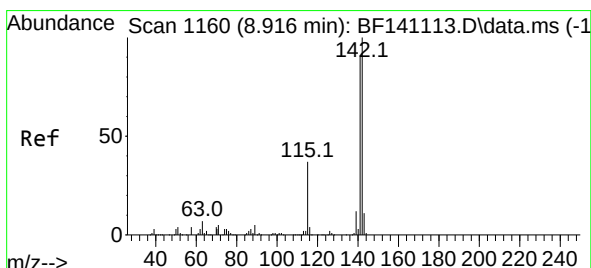
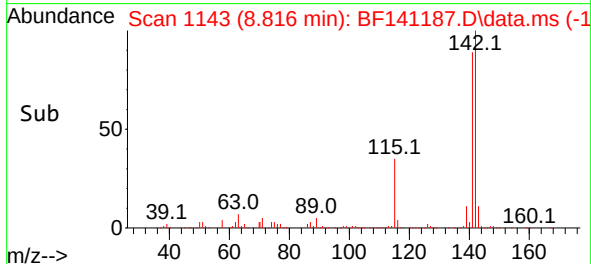
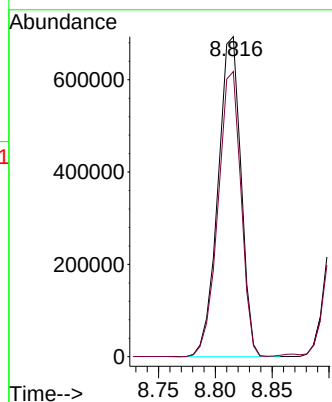
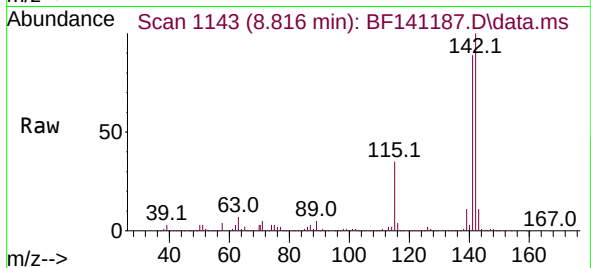




#37
2-Methylnaphthalene
Concen: 49.417 ng
RT: 8.816 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

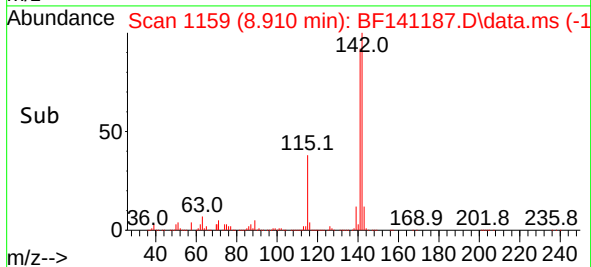
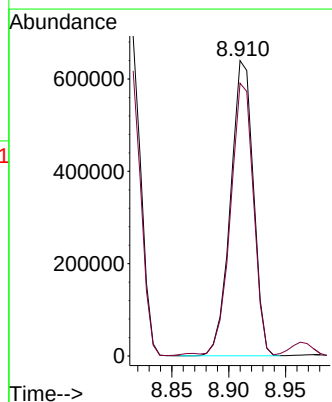
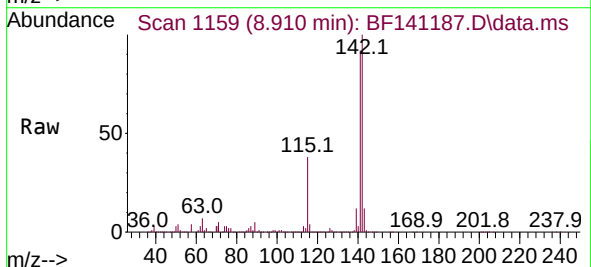
Instrument :
BNA_F
ClientSampleId :
72-11938MS

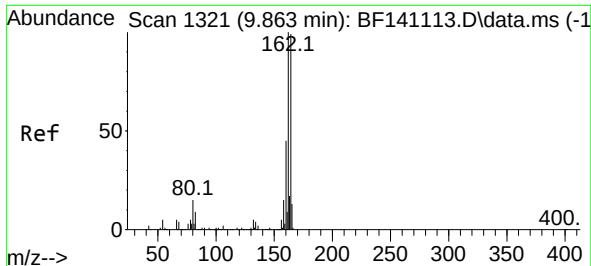
Tgt Ion:142 Resp: 976871
Ion Ratio Lower Upper
142 100
141 89.1 71.3 106.9



#38
1-Methylnaphthalene
Concen: 45.889 ng
RT: 8.910 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion:142 Resp: 893995
Ion Ratio Lower Upper
142 100
141 92.3 73.1 109.7

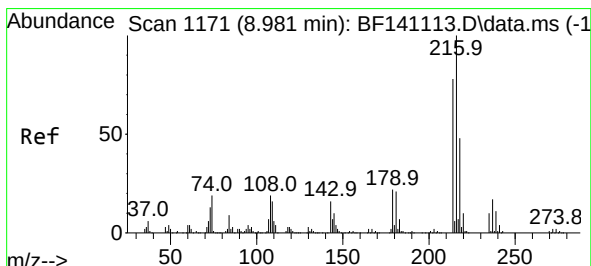
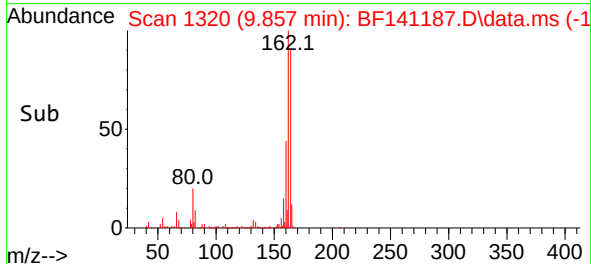
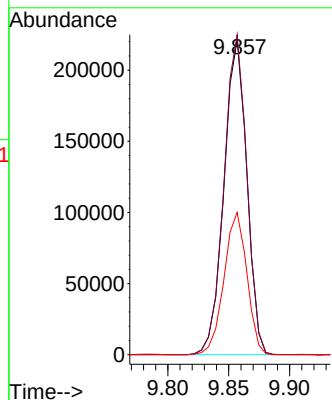
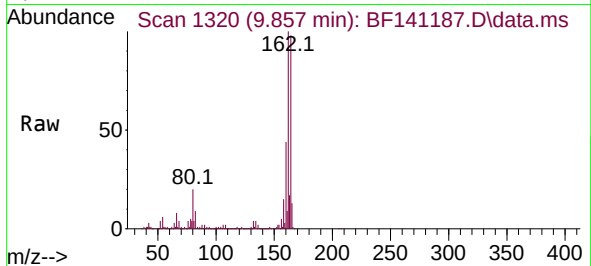




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

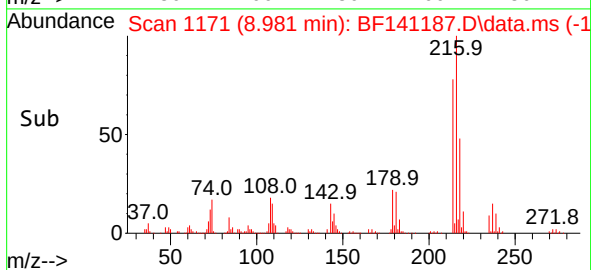
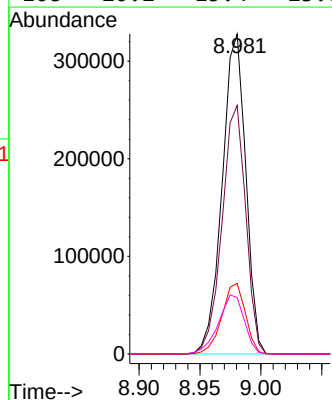
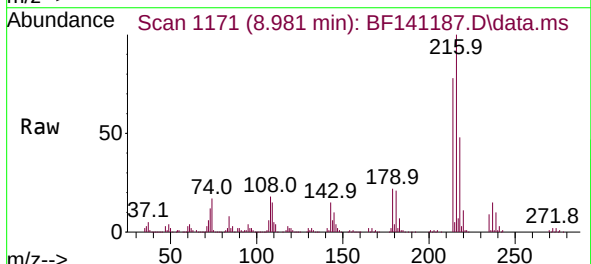
Instrument :
BNA_F
ClientSampleId :
72-11938MS

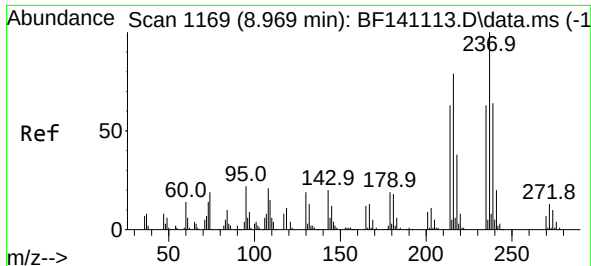
Tgt Ion:164 Resp: 289276
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 45.2 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.168 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

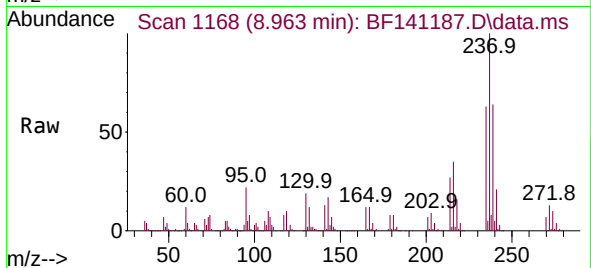
Tgt Ion:216 Resp: 441441
Ion Ratio Lower Upper
216 100
214 77.8 62.6 94.0
179 22.1 17.7 26.5
108 20.2 15.4 23.0



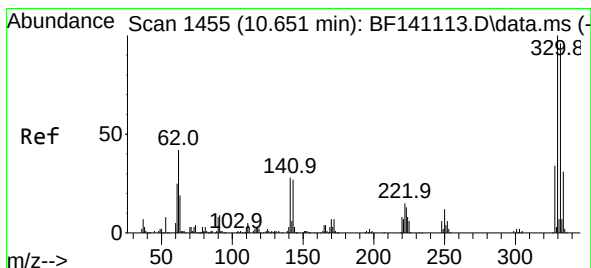
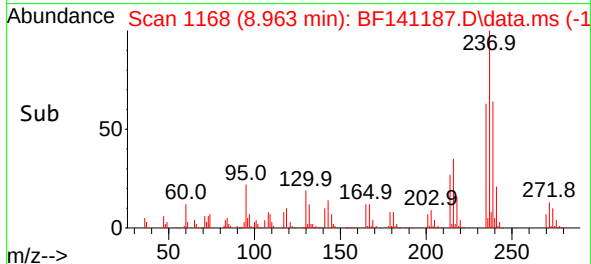
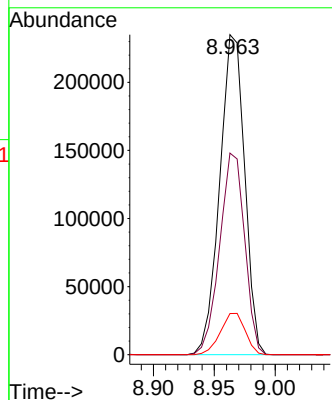


#41
Hexachlorocyclopentadiene
Concen: 123.416 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Instrument :
BNA_F
ClientSampleId :
72-11938MS

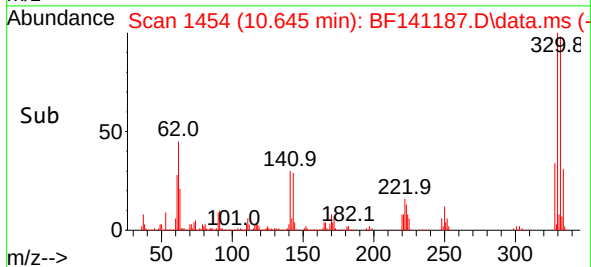
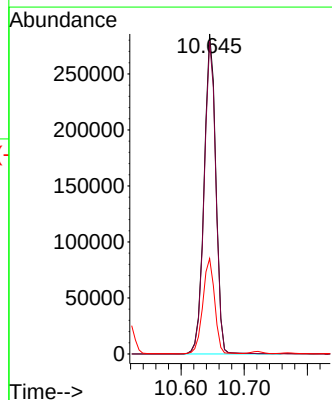
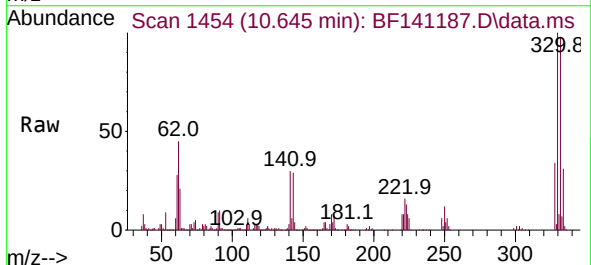


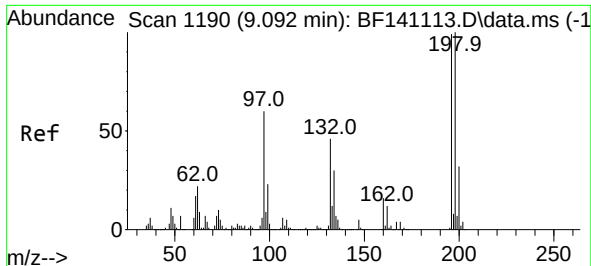
Tgt Ion:237 Resp: 335245
Ion Ratio Lower Upper
237 100
235 63.0 43.0 83.0
272 12.9 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 112.152 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion:330 Resp: 369666
Ion Ratio Lower Upper
330 100
332 97.4 76.9 115.3
141 30.0 25.2 37.8

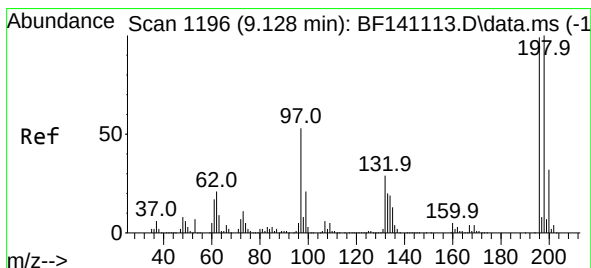
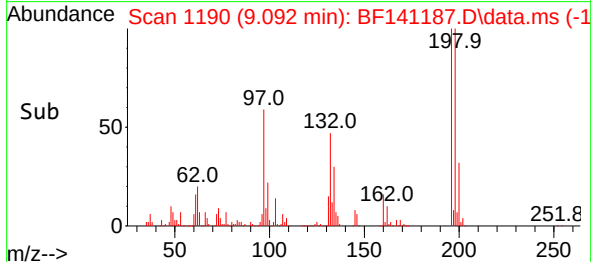
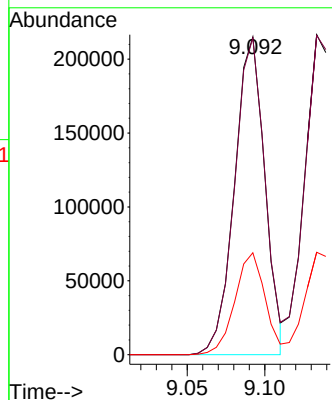
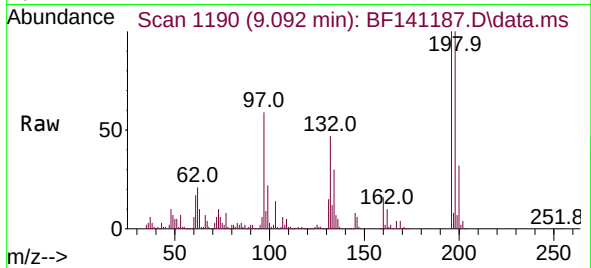




#43
2,4,6-Trichlorophenol
Concen: 52.214 ng
RT: 9.092 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

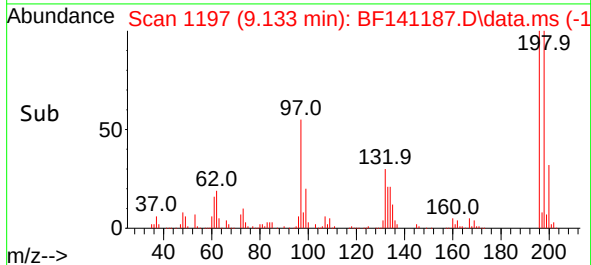
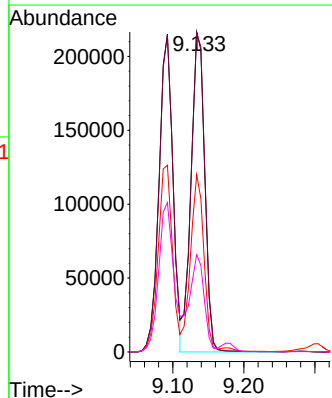
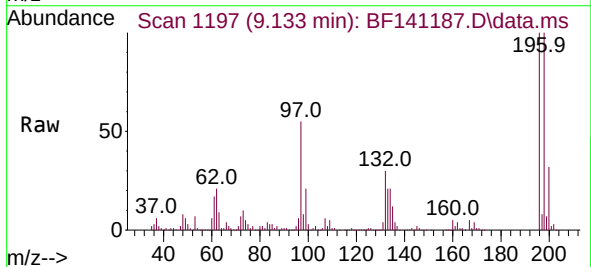
Instrument :
BNA_F
ClientSampleId :
72-11938MS

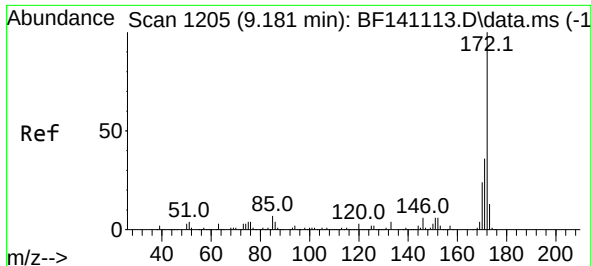
Tgt Ion:196 Resp: 292382
Ion Ratio Lower Upper
196 100
198 99.8 80.8 121.2
200 32.1 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 49.178 ng
RT: 9.133 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion:196 Resp: 290840
Ion Ratio Lower Upper
196 100
198 99.7 80.6 120.8
97 55.4 43.1 64.7
132 30.4 24.3 36.5

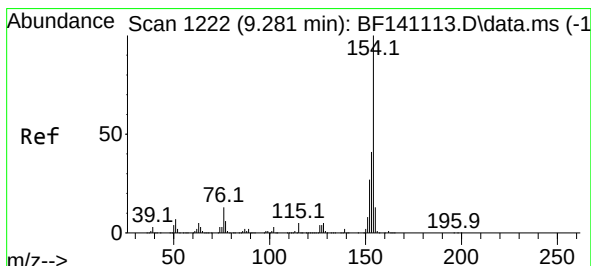
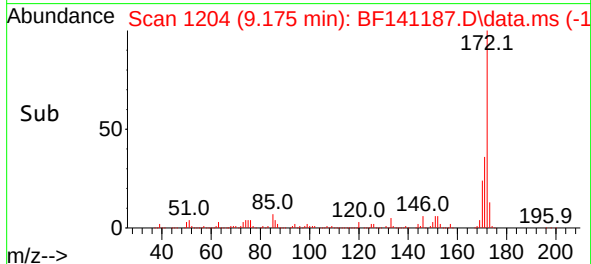
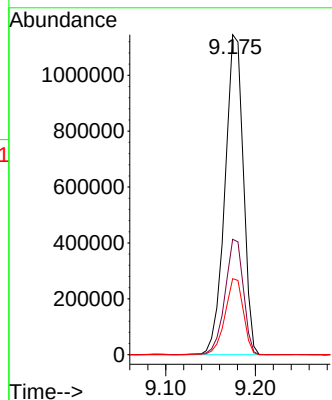
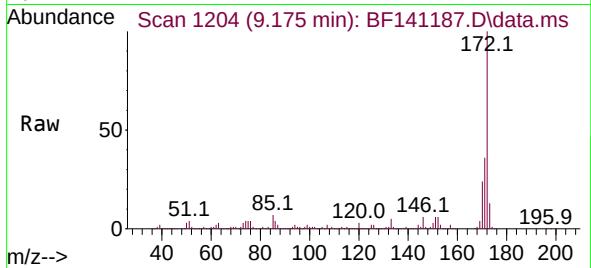




#45
2-Fluorobiphenyl
Concen: 85.897 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

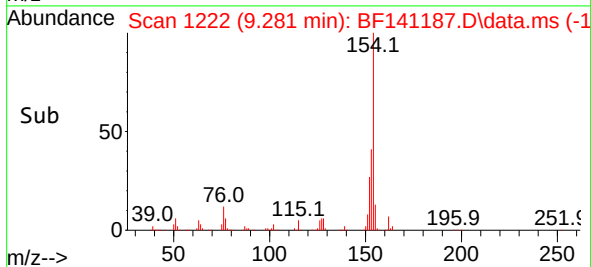
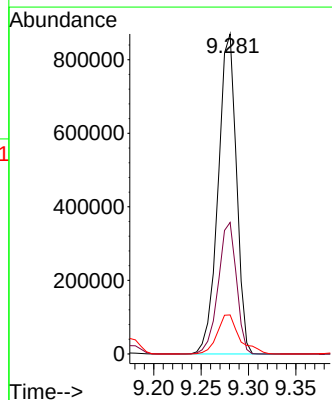
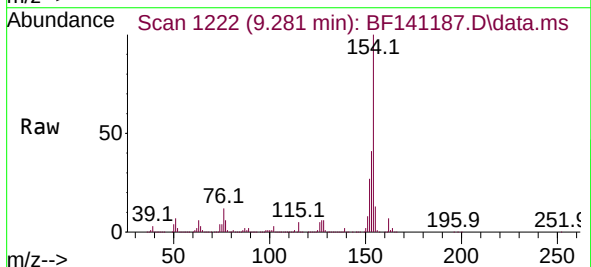
Instrument :
BNA_F
ClientSampleId :
72-11938MS

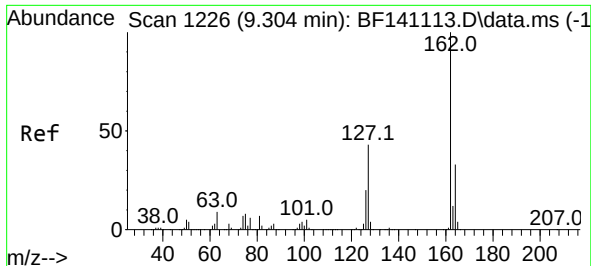
Tgt Ion:172 Resp: 1627188
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 23.7 19.0 28.6



#46
1,1'-Biphenyl
Concen: 52.045 ng
RT: 9.281 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion:154 Resp: 1169201
Ion Ratio Lower Upper
154 100
153 41.1 20.7 60.7
76 12.2 0.0 33.1

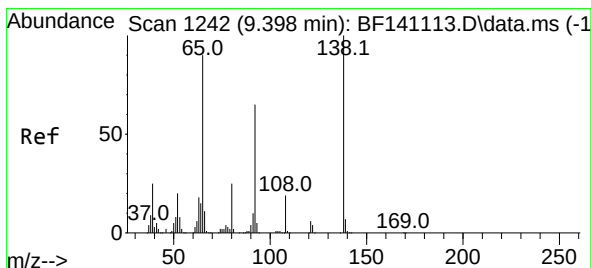
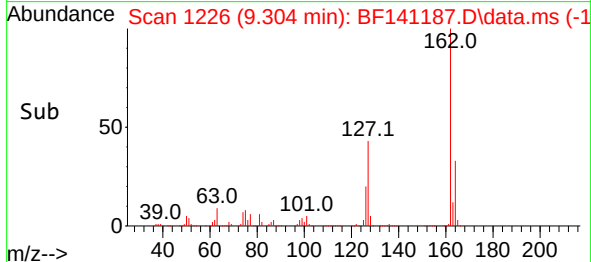
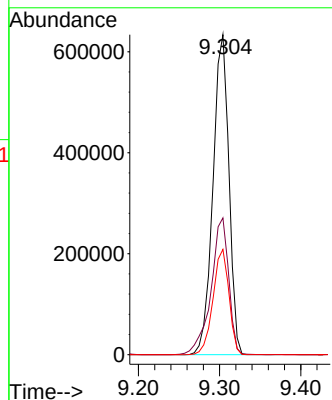
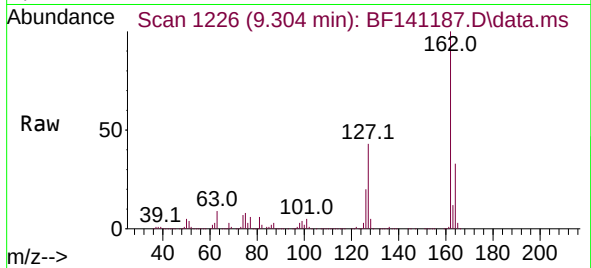




#47
2-Chloronaphthalene
Concen: 49.379 ng
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

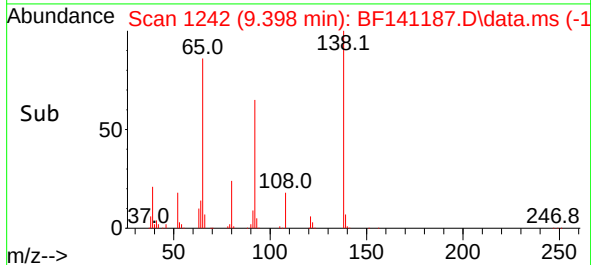
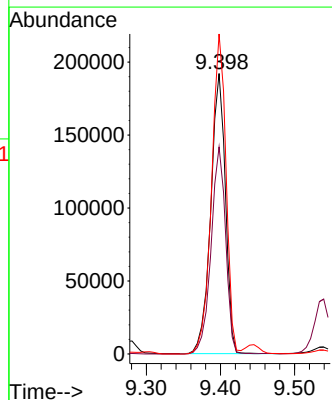
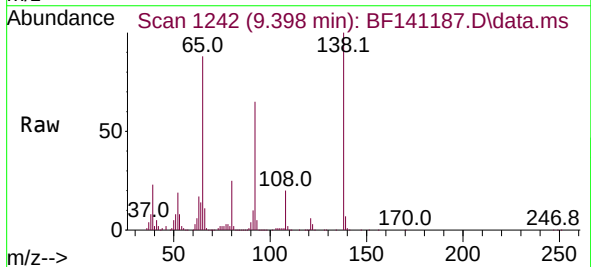
Instrument :
BNA_F
ClientSampleId :
72-11938MS

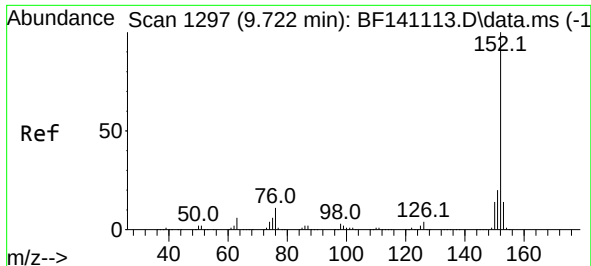
Tgt Ion:162 Resp: 864014
Ion Ratio Lower Upper
162 100
127 42.8 34.6 51.8
164 32.9 26.5 39.7



#48
2-Nitroaniline
Concen: 50.850 ng
RT: 9.398 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion: 65 Resp: 263750
Ion Ratio Lower Upper
65 100
92 73.8 58.3 87.5
138 114.1 89.1 133.7

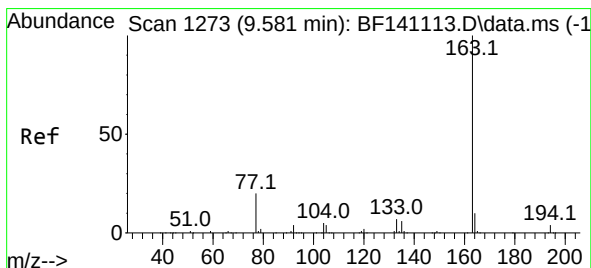
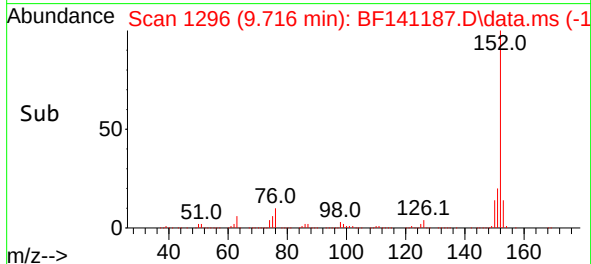
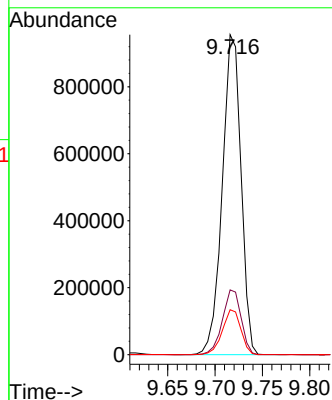
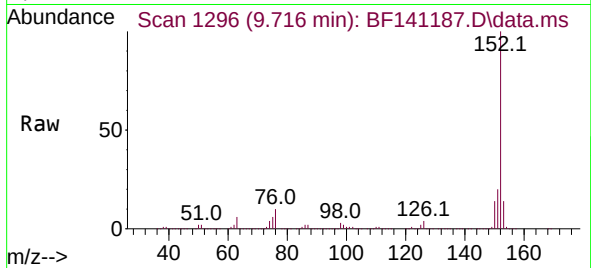




#49
Acenaphthylene
Concen: 52.703 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

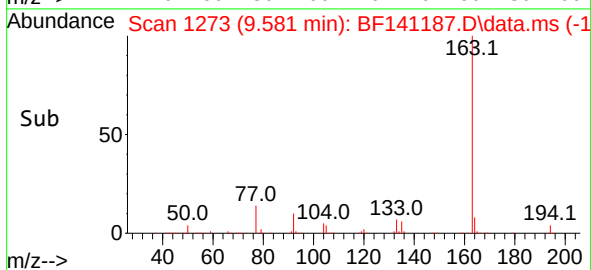
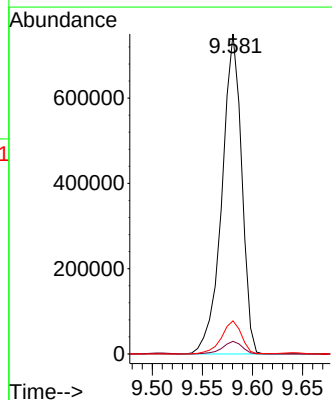
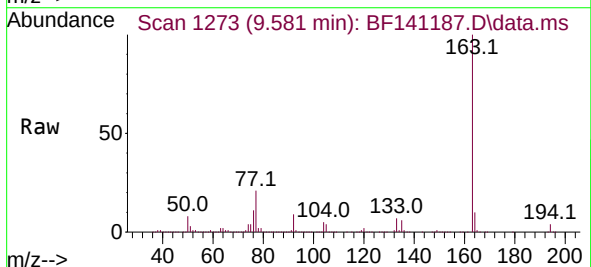
Instrument :
BNA_F
ClientSampleId :
72-11938MS

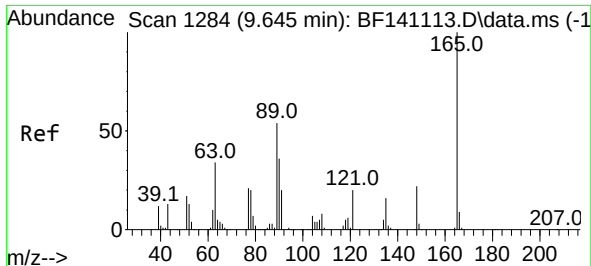
Tgt Ion:152 Resp: 1317523
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 14.1 11.1 16.7



#50
Dimethylphthalate
Concen: 52.899 ng
RT: 9.581 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion:163 Resp: 1027318
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.4 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 49.161 ng

RT: 9.639 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

Instrument :

BNA_F

ClientSampleId :

72-11938MS

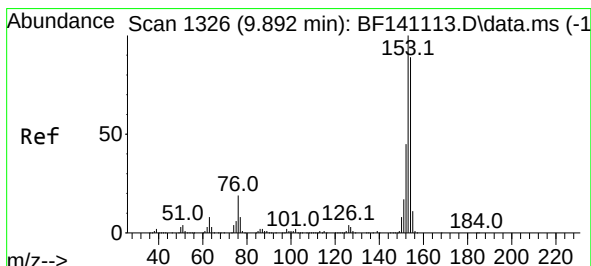
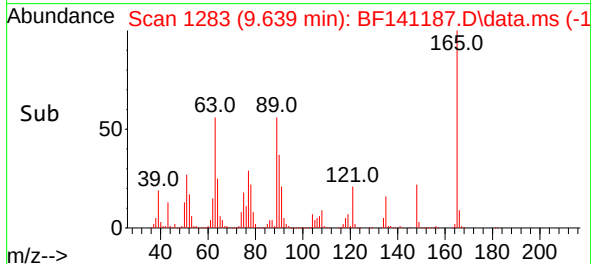
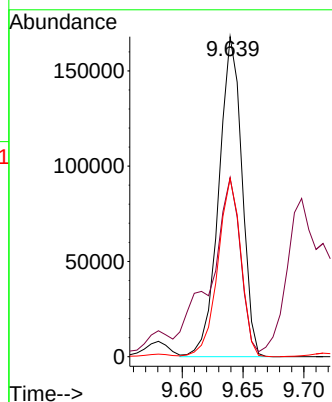
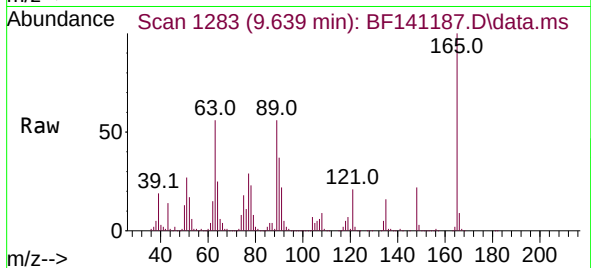
Tgt Ion:165 Resp: 222015

Ion Ratio Lower Upper

165 100

63 56.0 42.3 63.5

89 55.7 43.1 64.7



#52

Acenaphthene

Concen: 51.829 ng

RT: 9.892 min Scan# 1326

Delta R.T. -0.000 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

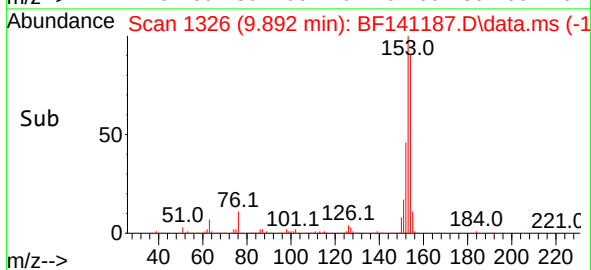
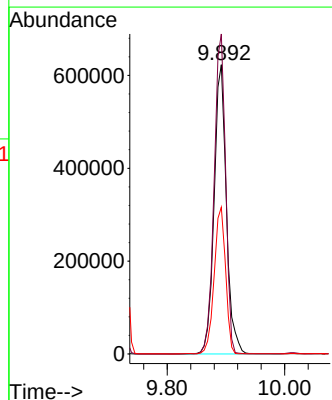
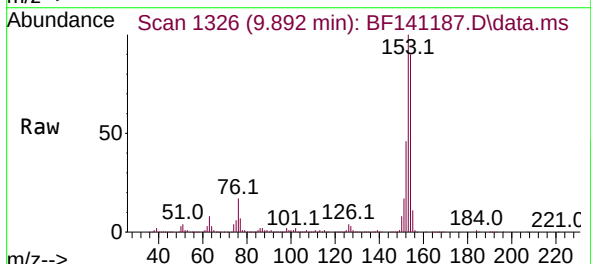
Tgt Ion:154 Resp: 905218

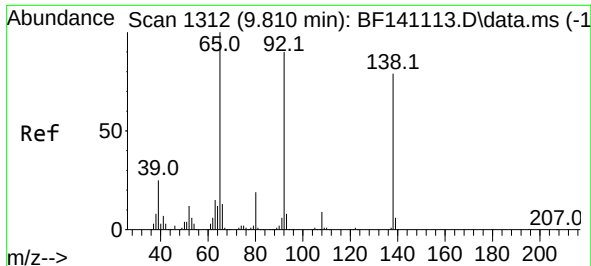
Ion Ratio Lower Upper

154 100

153 110.6 89.8 134.6

152 50.7 40.8 61.2

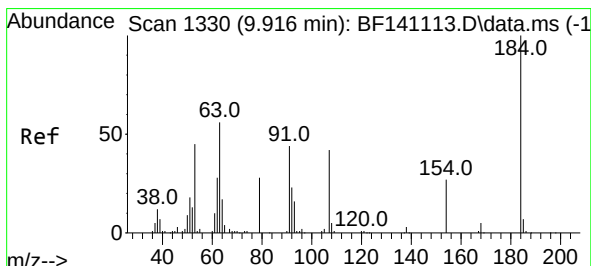
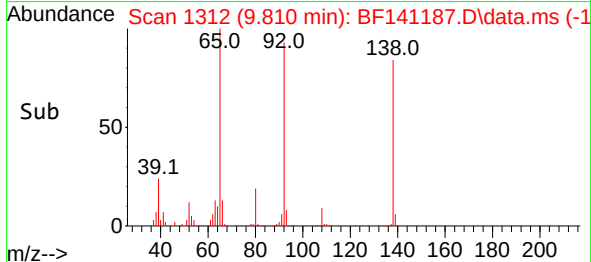
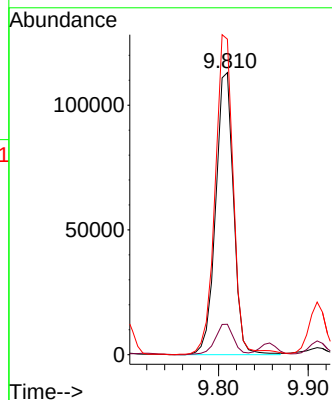
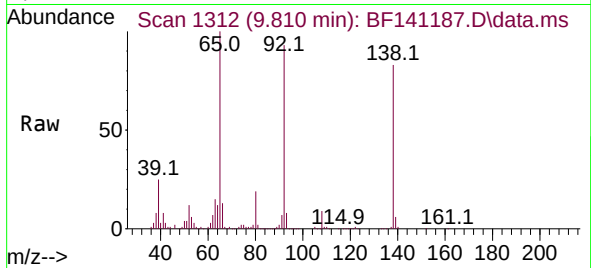




#53
3-Nitroaniline
Concen: 34.165 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

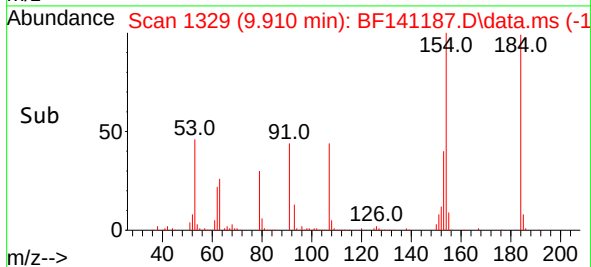
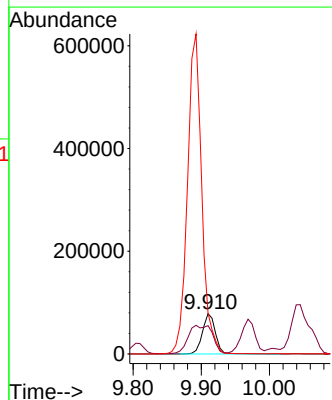
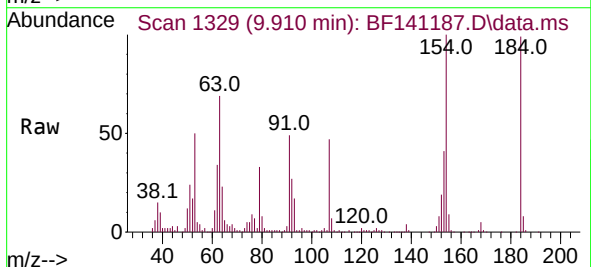
Instrument :
BNA_F
ClientSampleId :
72-11938MS

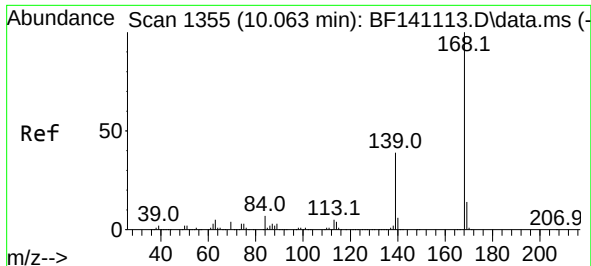
Tgt Ion:138 Resp: 156793
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 111.9 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 48.017 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion:184 Resp: 103072
Ion Ratio Lower Upper
184 100
63 70.1 48.7 73.1
154 101.0 57.1 85.7#

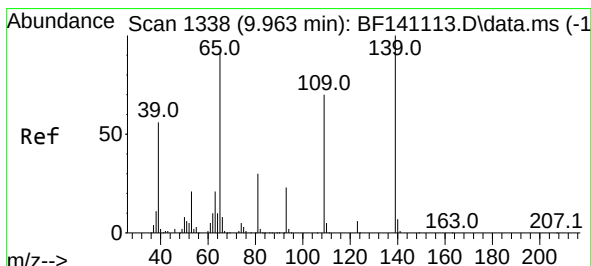
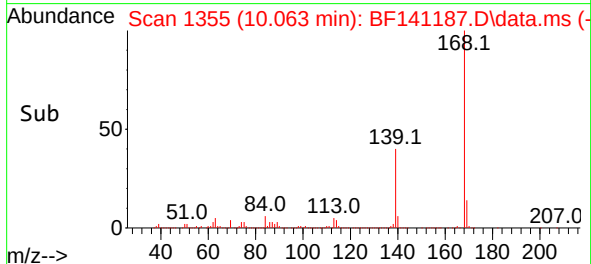
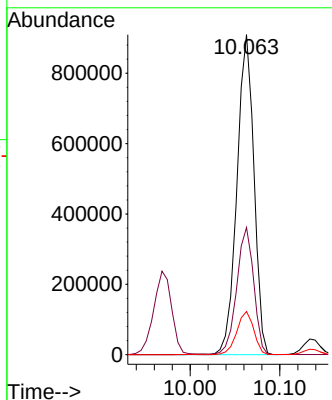
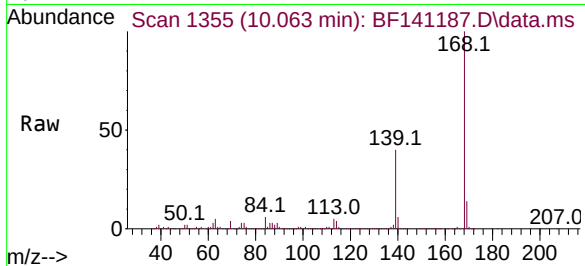




#55
Dibenzenofuran
Concen: 50.341 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

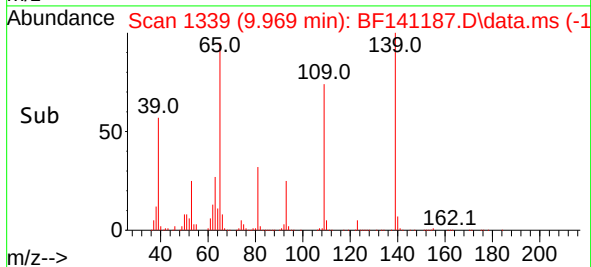
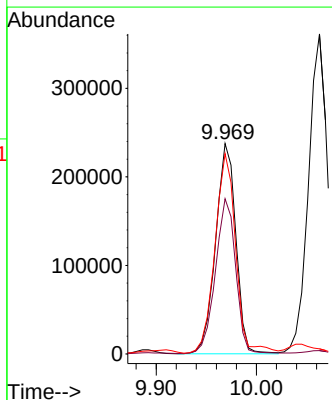
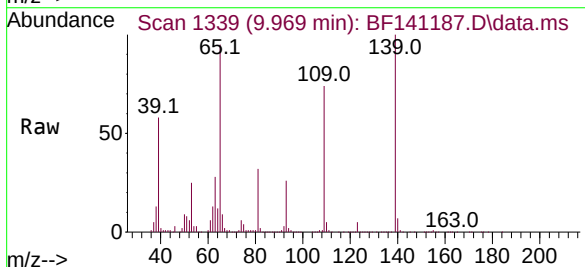
Instrument :
BNA_F
ClientSampleId :
72-11938MS

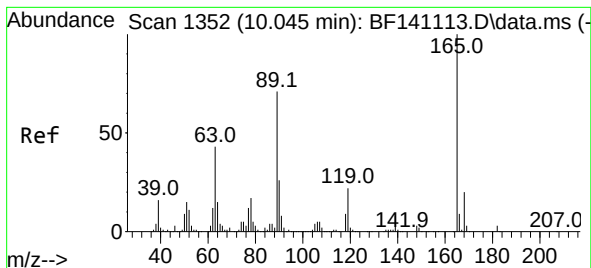
Tgt Ion:168 Resp: 1195912
Ion Ratio Lower Upper
168 100
139 39.7 31.4 47.0
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 92.441 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion:139 Resp: 332250
Ion Ratio Lower Upper
139 100
109 73.8 50.2 90.2
65 95.2 72.1 112.1

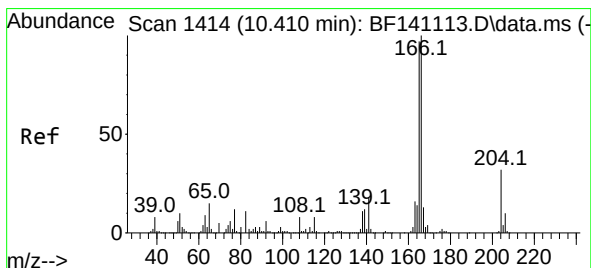
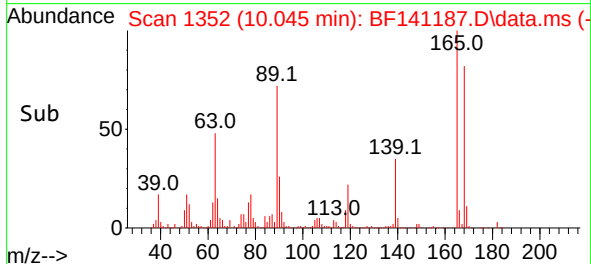
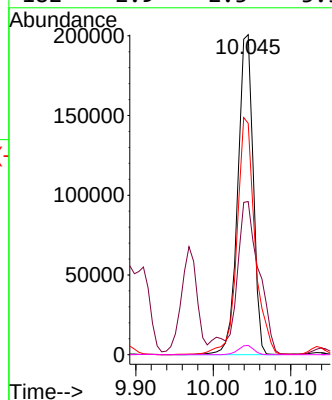
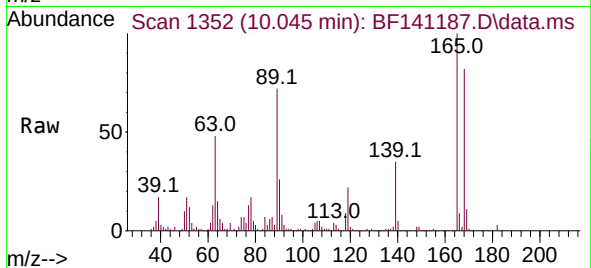




#57
2,4-Dinitrotoluene
Concen: 47.706 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

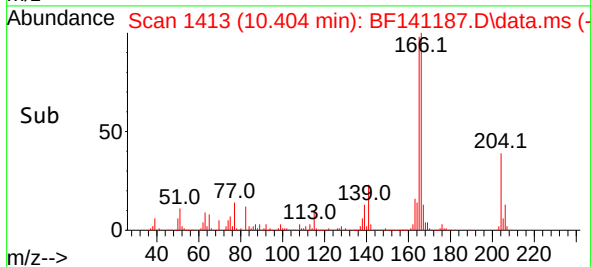
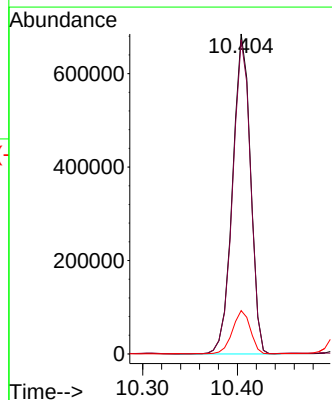
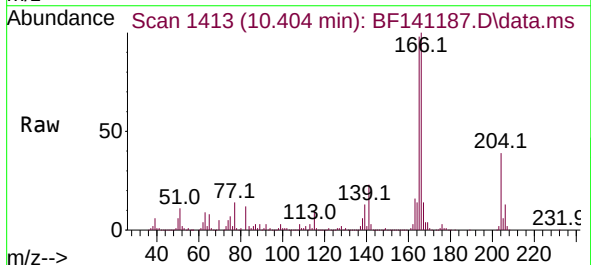
Instrument :
BNA_F
ClientSampleId :
72-11938MS

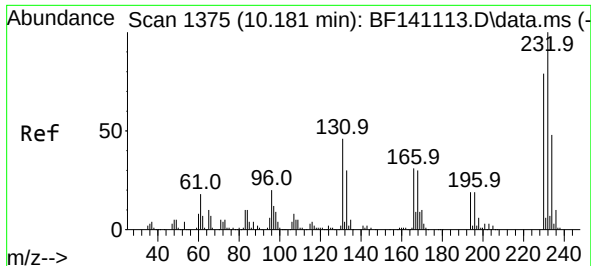
Tgt Ion:165 Resp: 277650
Ion Ratio Lower Upper
165 100
63 47.8 35.0 52.4
89 72.3 56.7 85.1
182 2.9 2.3 3.5



#58
Fluorene
Concen: 48.699 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion:166 Resp: 898811
Ion Ratio Lower Upper
166 100
165 98.2 77.8 116.8
167 13.6 10.8 16.2



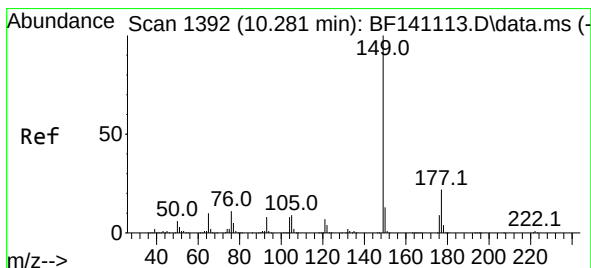
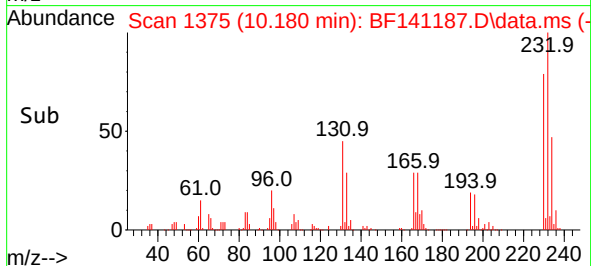
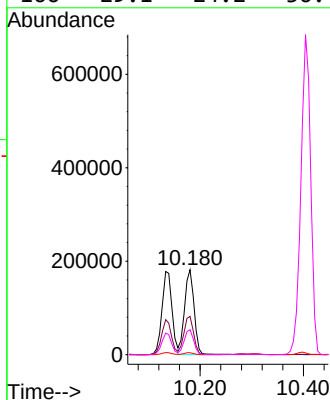
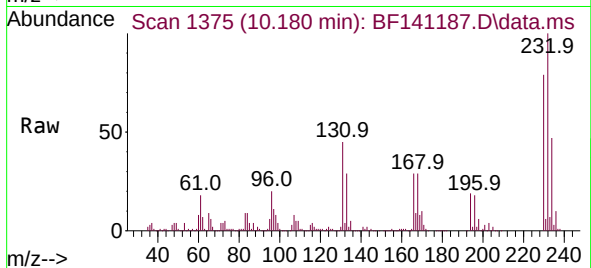


#59
2,3,4,6-Tetrachlorophenol
Concen: 47.412 ng
RT: 10.180 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Instrument :
BNA_F
ClientSampleId :
72-11938MS

Tgt Ion:232 Resp: 233069

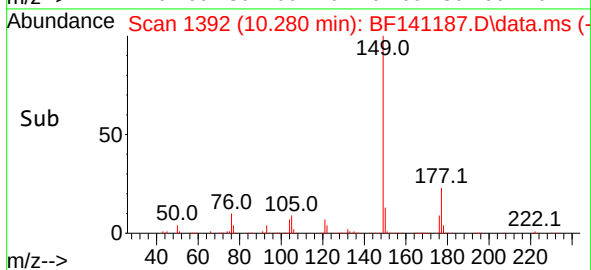
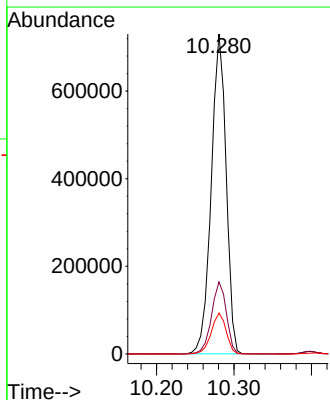
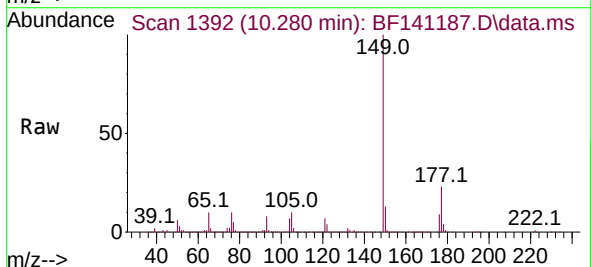
Ion	Ratio	Lower	Upper
232	100		
131	45.2	36.2	54.4
130	2.5	2.0	3.0
166	29.1	24.2	36.4

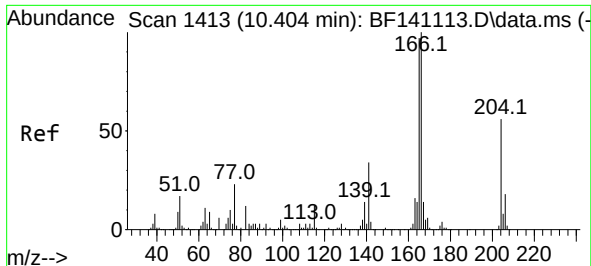


#60
Diethylphthalate
Concen: 51.277 ng
RT: 10.280 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion:149 Resp: 972171

Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.9	26.9
150	12.8	10.2	15.2

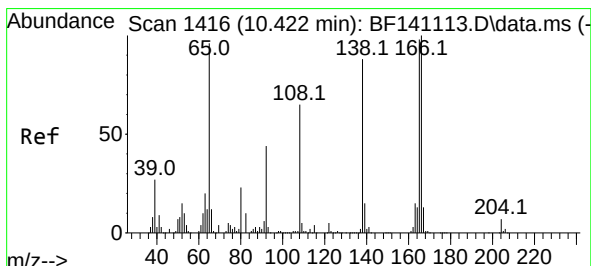
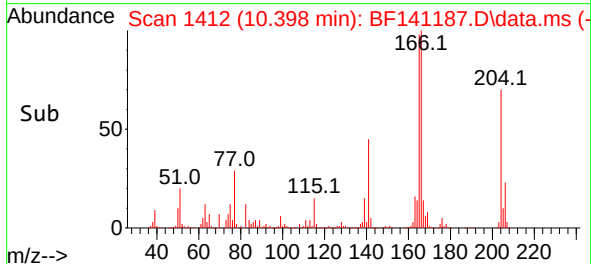
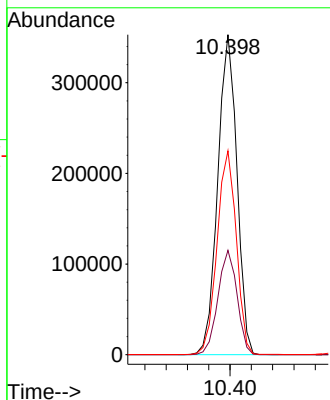
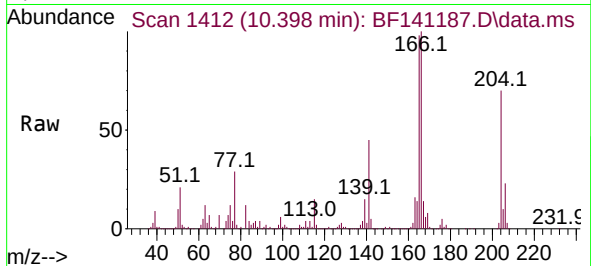




#61
4-Chlorophenyl-phenylether
Concen: 48.961 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

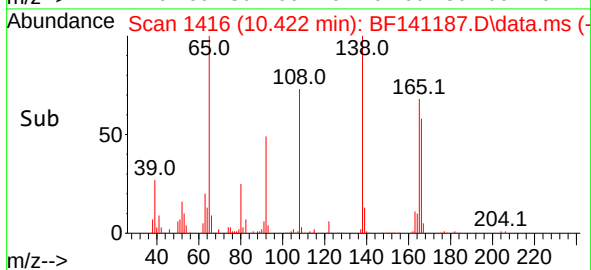
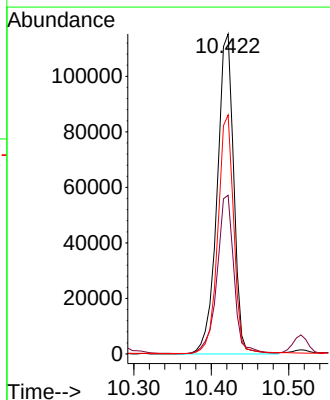
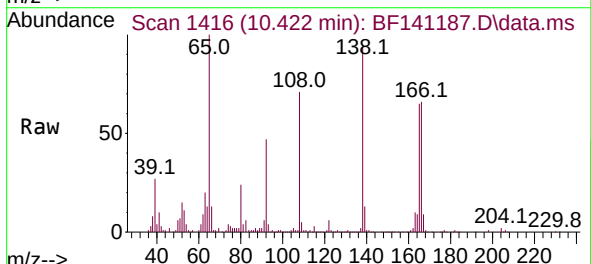
Instrument :
BNA_F
ClientSampleId :
72-11938MS

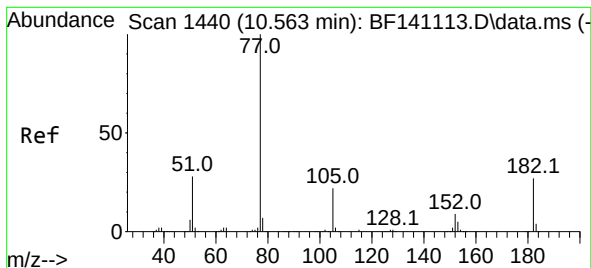
Tgt Ion:204 Resp: 440428
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 63.7 49.1 73.7



#62
4-Nitroaniline
Concen: 38.350 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion:138 Resp: 172259
Ion Ratio Lower Upper
138 100
92 49.6 29.4 69.4
108 74.7 53.7 93.7





#63

Azobenzene

Concen: 52.367 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

Instrument :

BNA_F

ClientSampleId :

72-11938MS

Tgt Ion: 77 Resp: 979659

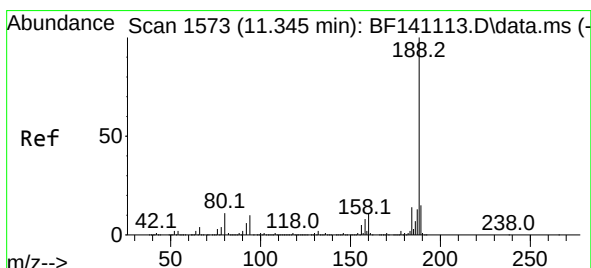
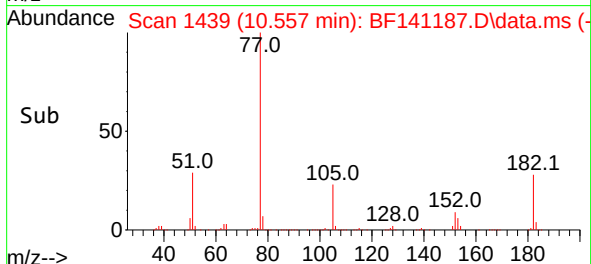
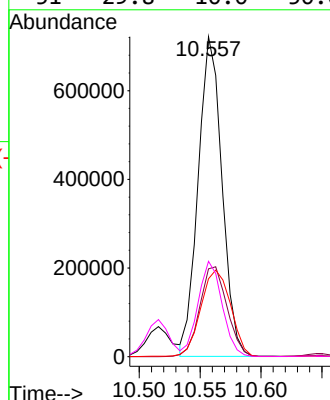
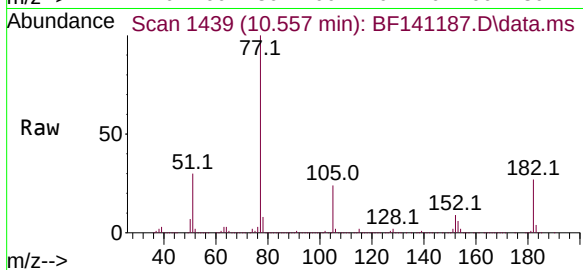
Ion Ratio Lower Upper

77 100

182 27.4 6.1 46.1

105 24.3 2.1 42.1

51 29.8 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1573

Delta R.T. -0.000 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

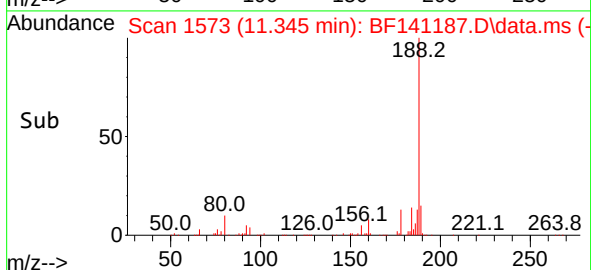
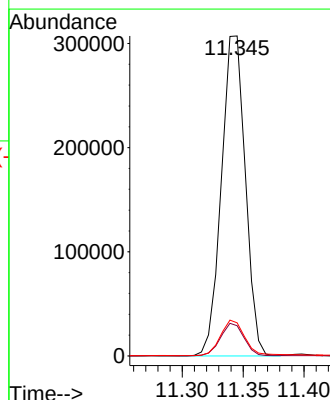
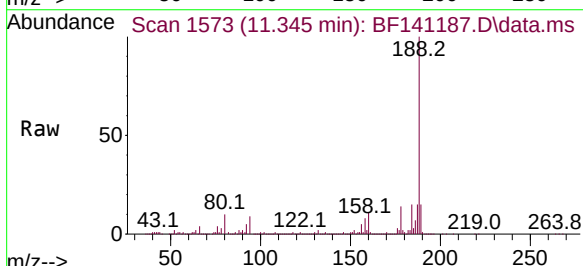
Tgt Ion: 188 Resp: 421160

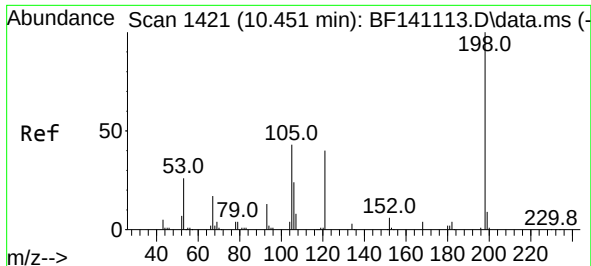
Ion Ratio Lower Upper

188 100

94 9.5 8.3 12.5

80 10.4 9.0 13.4

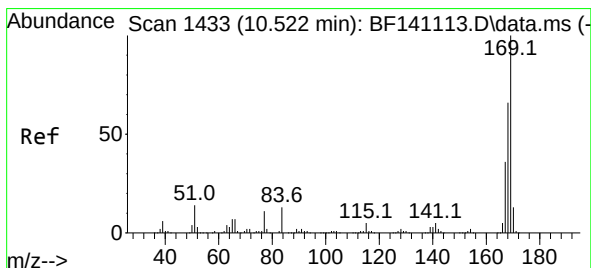
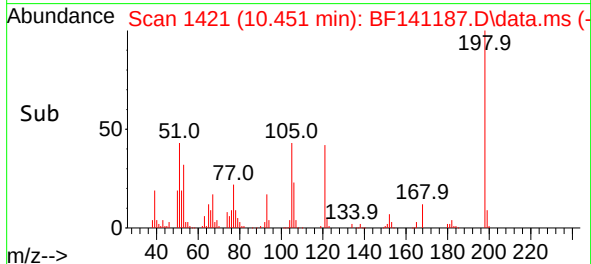
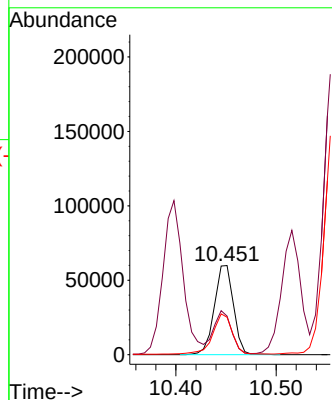
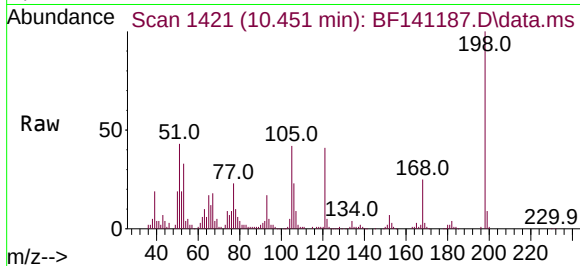




#65
4,6-Dinitro-2-methylphenol
Concen: 32.565 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

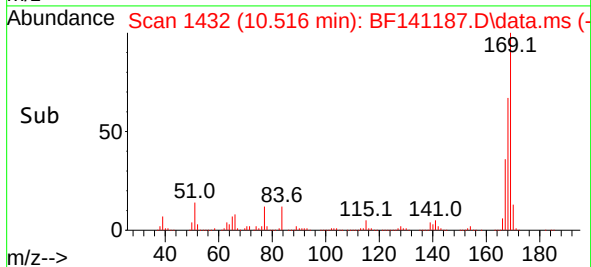
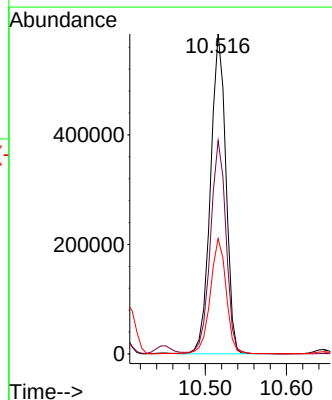
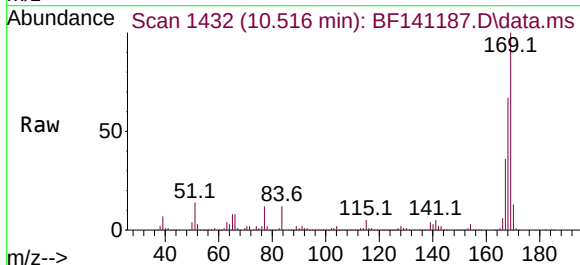
Instrument :
BNA_F
ClientSampleId :
72-11938MS

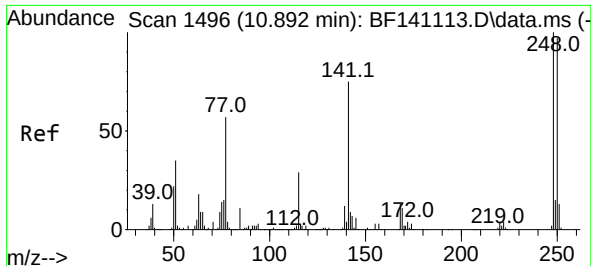
Tgt Ion:198 Resp: 79474
Ion Ratio Lower Upper
198 100
51 43.2 27.1 67.1
105 42.1 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 56.376 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion:169 Resp: 765827
Ion Ratio Lower Upper
169 100
168 66.7 52.5 78.7
167 36.1 28.9 43.3

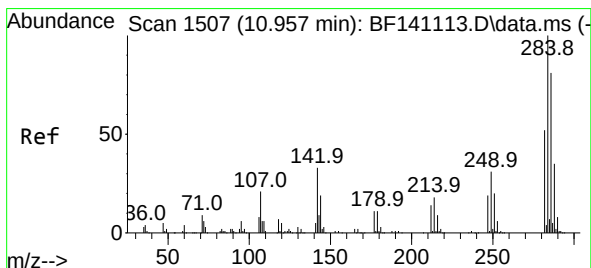
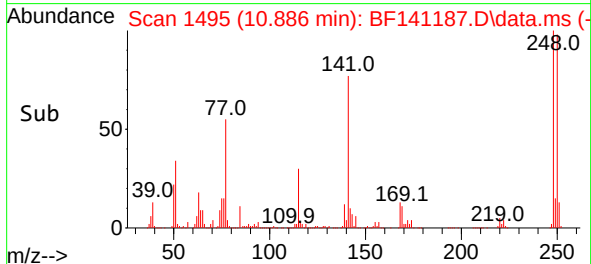
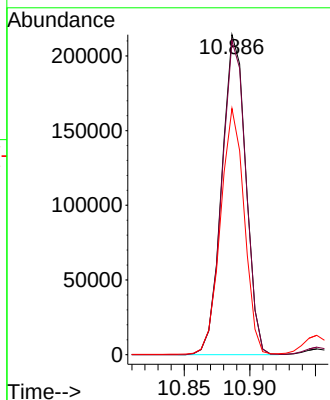
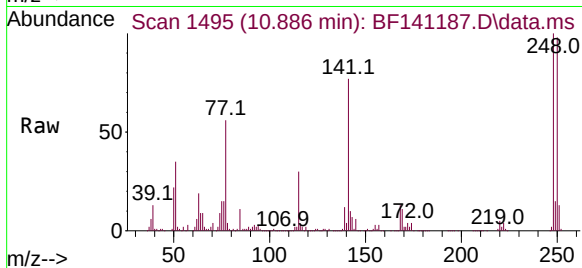




#67
4-Bromophenyl-phenylether
Concen: 56.217 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

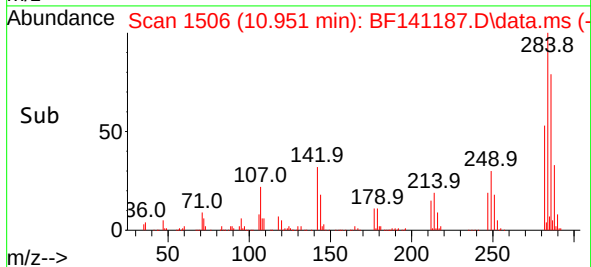
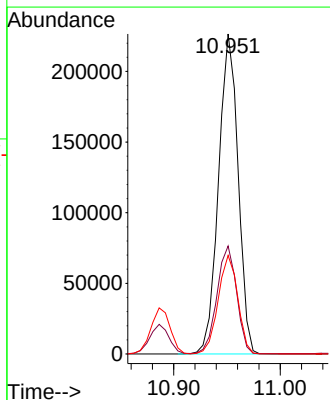
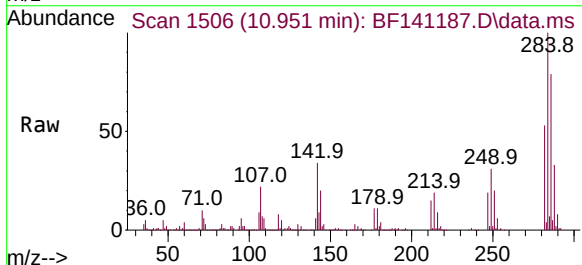
Instrument :
BNA_F
ClientSampleId :
72-11938MS

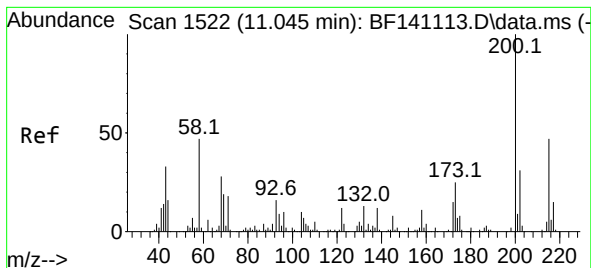
Tgt Ion:248 Resp: 272584
Ion Ratio Lower Upper
248 100
250 98.1 77.9 116.9
141 77.0 59.9 89.9



#68
Hexachlorobenzene
Concen: 53.406 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion:284 Resp: 288264
Ion Ratio Lower Upper
284 100
142 33.8 26.3 39.5
249 30.8 24.9 37.3





#69

Atrazine

Concen: 64.100 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

Instrument :

BNA_F

ClientSampleId :

72-11938MS

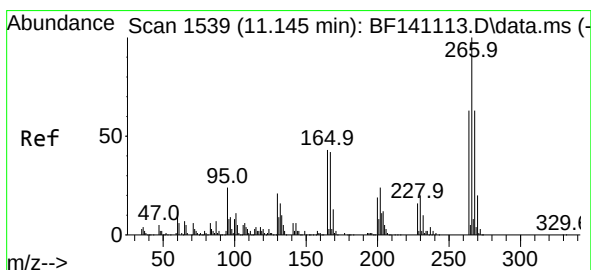
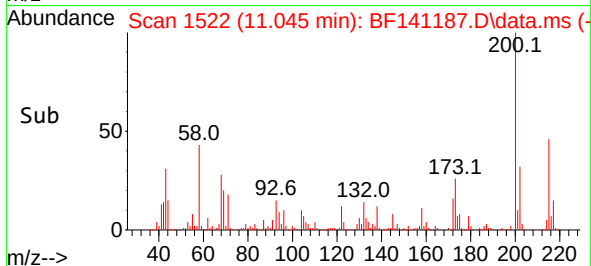
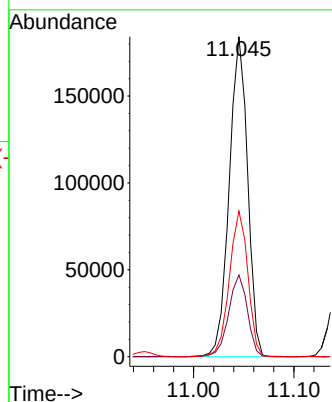
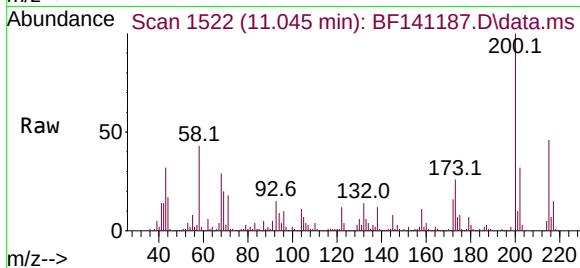
Tgt Ion:200 Resp: 234458

Ion Ratio Lower Upper

200 100

173 25.6 5.4 45.4

215 45.5 26.6 66.6



#70

Pentachlorophenol

Concen: 92.842 ng

RT: 11.145 min Scan# 1539

Delta R.T. -0.000 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

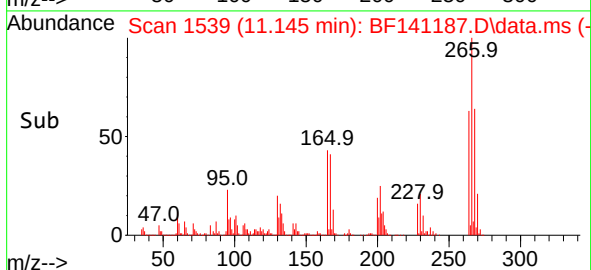
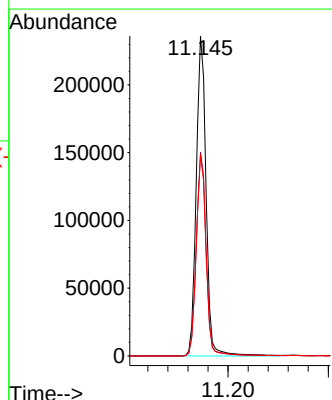
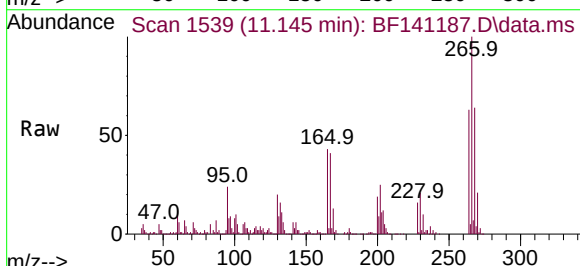
Tgt Ion:266 Resp: 320923

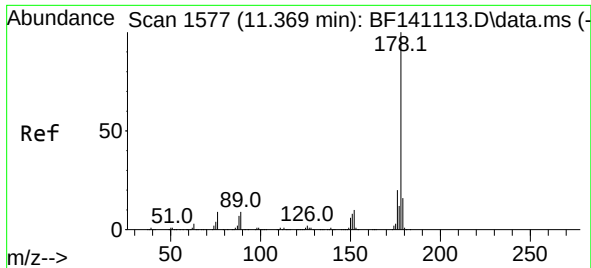
Ion Ratio Lower Upper

266 100

268 63.6 50.4 75.6

264 62.8 50.2 75.2

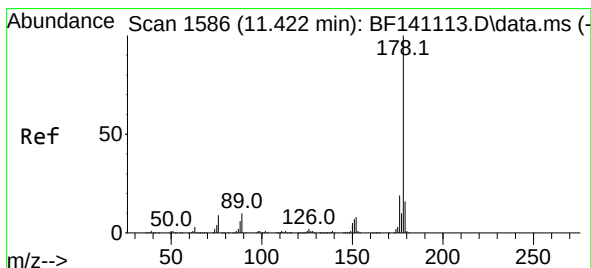
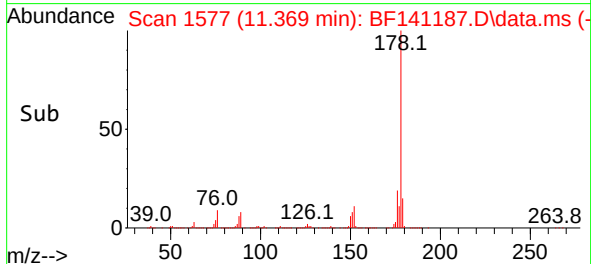
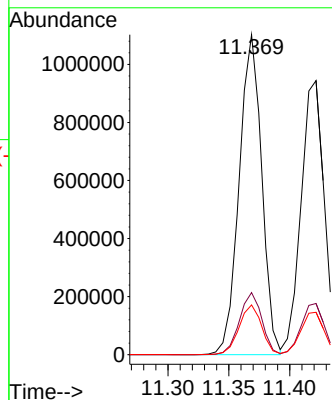
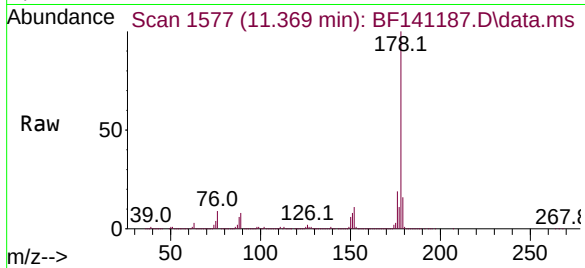




#71
Phenanthrene
Concen: 62.697 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

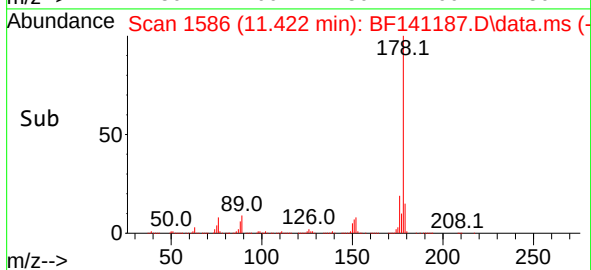
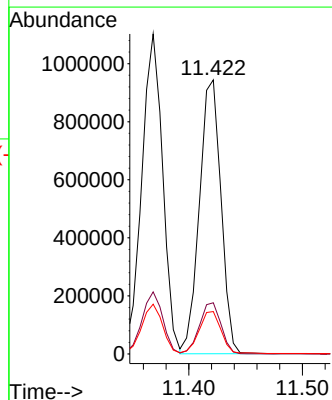
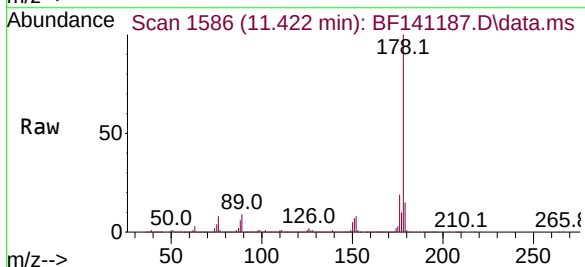
Instrument :
BNA_F
ClientSampleId :
72-11938MS

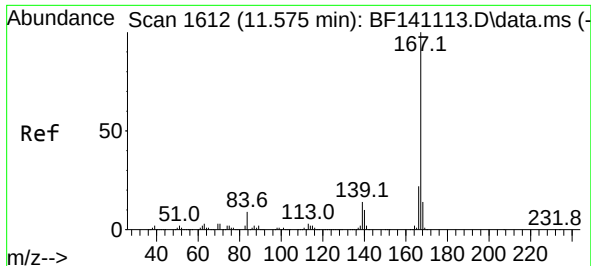
Tgt Ion:178 Resp: 1417616
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.6 12.6 19.0



#72
Anthracene
Concen: 56.617 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion:178 Resp: 1244754
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.5 12.6 19.0

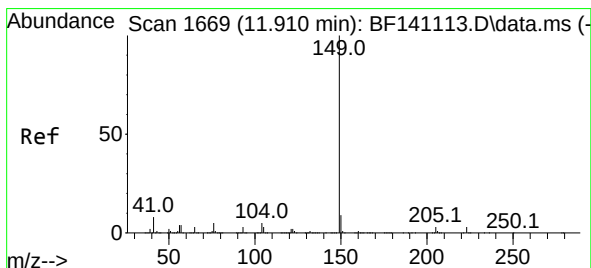
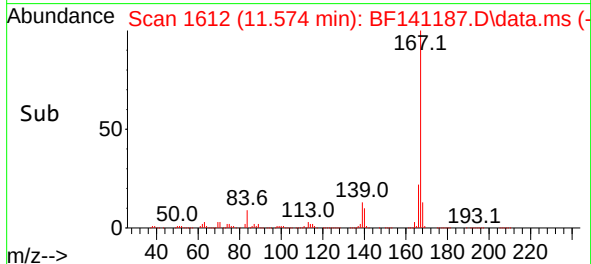
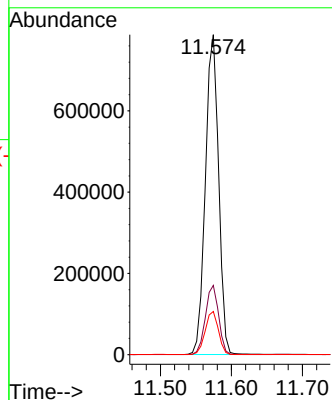
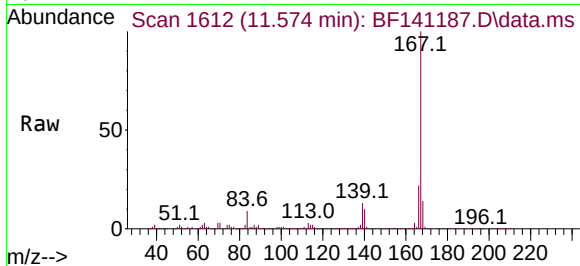




#73
 Carbazole
 Concen: 50.630 ng
 RT: 11.574 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF141187.D
 Acq: 16 Jan 2025 16:05

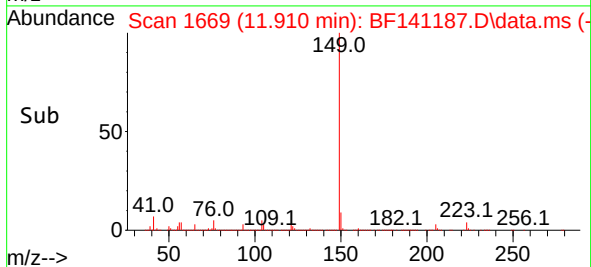
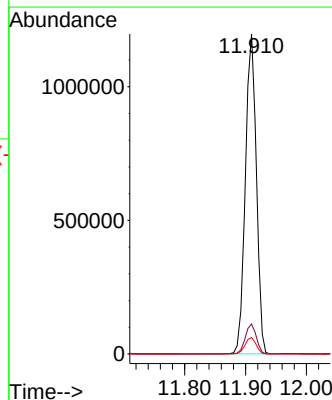
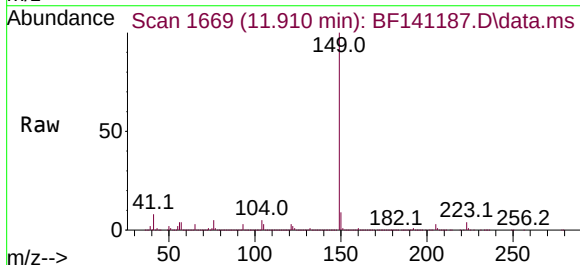
Instrument :
 BNA_F
 ClientSampleId :
 72-11938MS

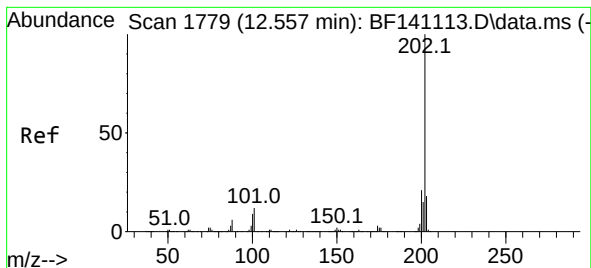
Tgt Ion:167 Resp: 1020663
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.5 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 64.766 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: BF141187.D
 Acq: 16 Jan 2025 16:05

Tgt Ion:149 Resp: 1494196
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.2 4.2 6.2

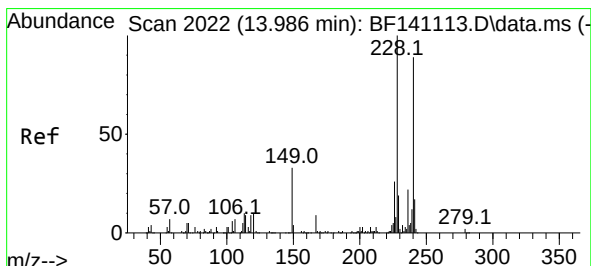
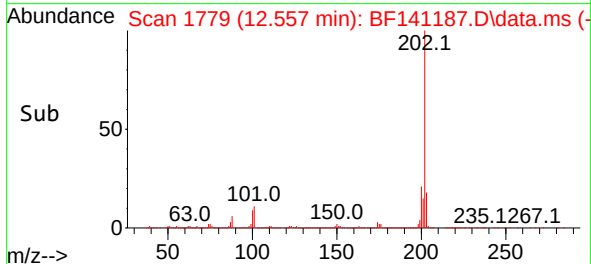
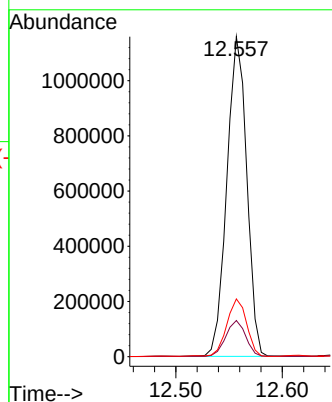
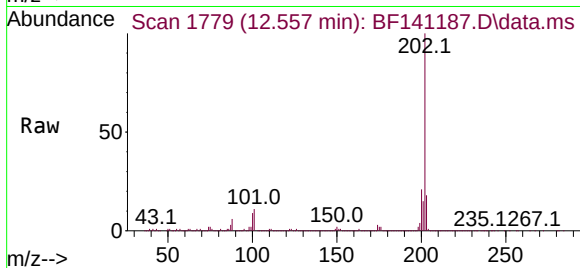




#75
Fluoranthene
Concen: 66.498 ng
RT: 12.557 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

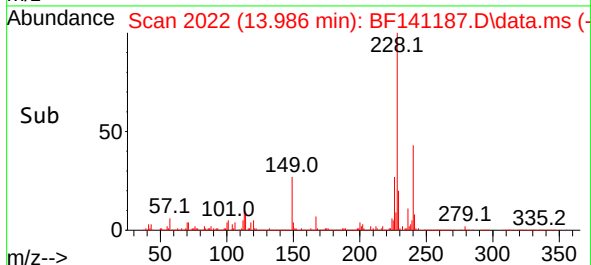
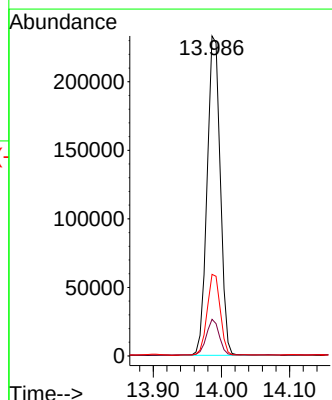
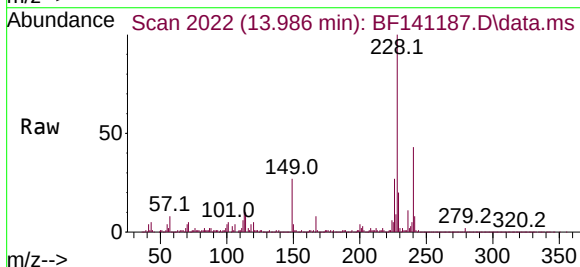
Instrument :
BNA_F
ClientSampleId :
72-11938MS

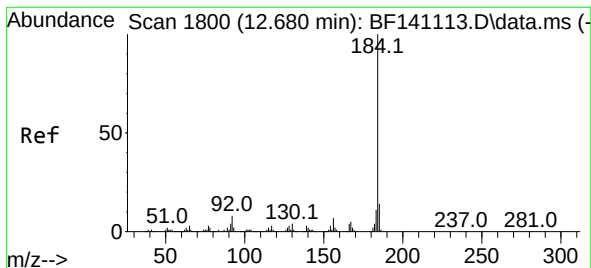
Tgt Ion:202 Resp: 1500414
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.3
203 18.1 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion:240 Resp: 311784
Ion Ratio Lower Upper
240 100
120 11.4 9.1 13.7
236 25.5 19.8 29.6





#77

Benzidine

Concen: 36.967 ng

RT: 12.680 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

Instrument :

BNA_F

ClientSampleId :

72-11938MS

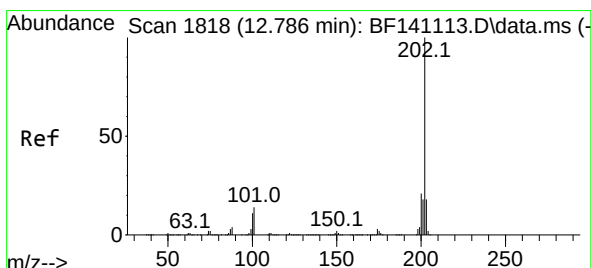
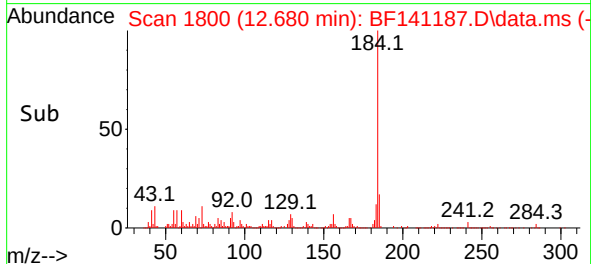
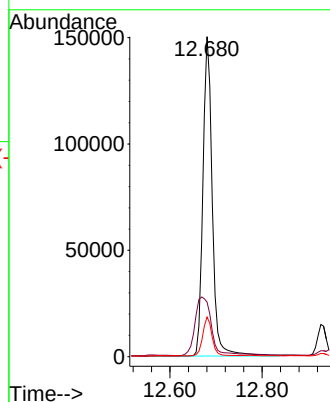
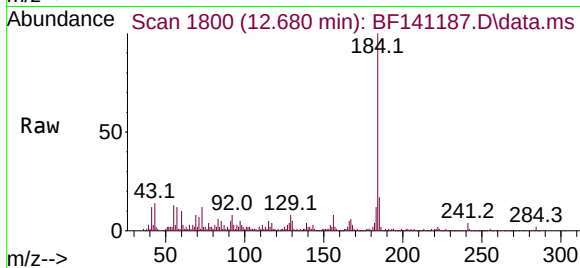
Tgt Ion:184 Resp: 213735

Ion Ratio Lower Upper

184 100

185 17.0 11.4 17.0#

183 12.4 9.2 13.8



#78

Pyrene

Concen: 49.085 ng

RT: 12.786 min Scan# 1818

Delta R.T. -0.000 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

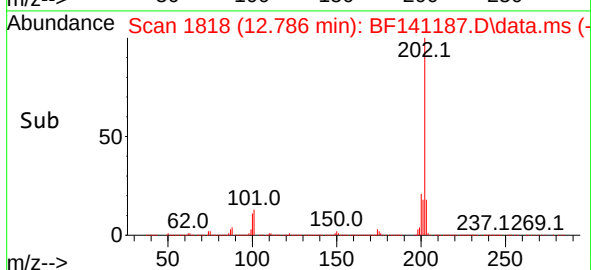
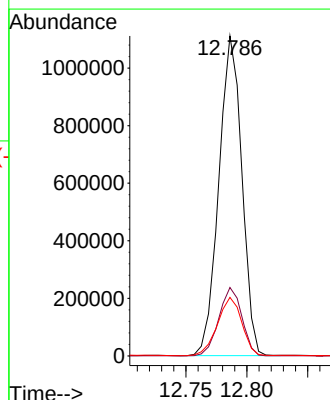
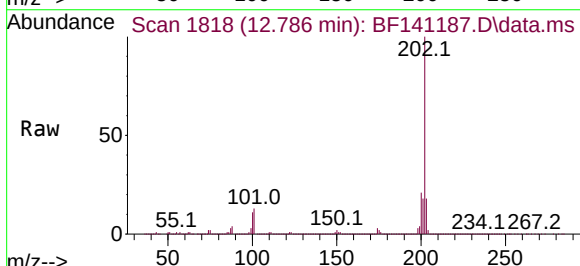
Tgt Ion:202 Resp: 1461735

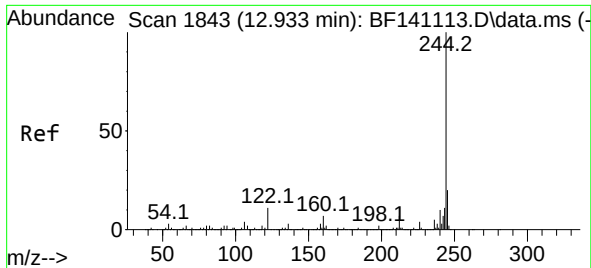
Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

203 18.3 14.3 21.5

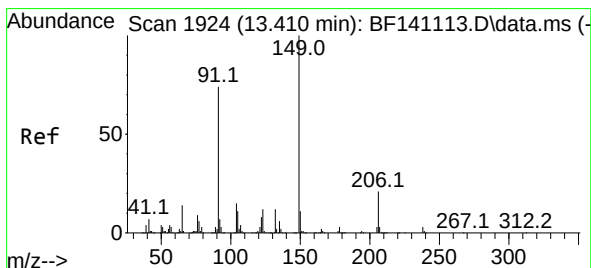
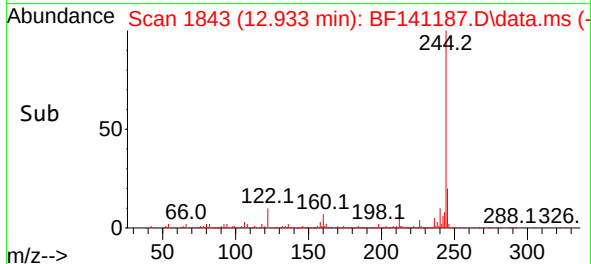
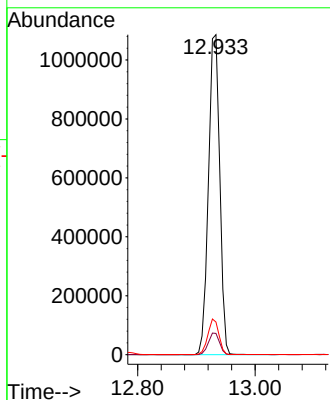
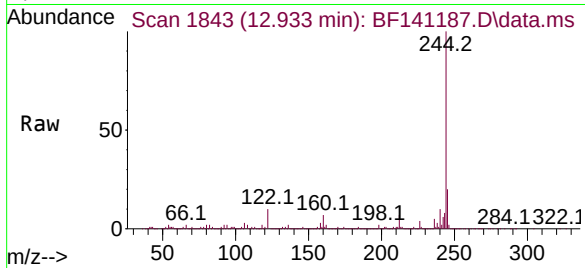




#79
 Terphenyl-d14
 Concen: 68.830 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF141187.D
 Acq: 16 Jan 2025 16:05

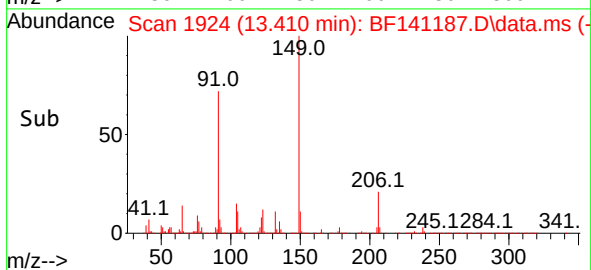
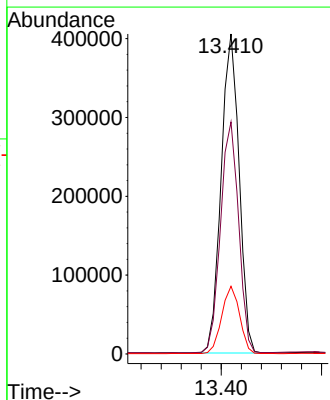
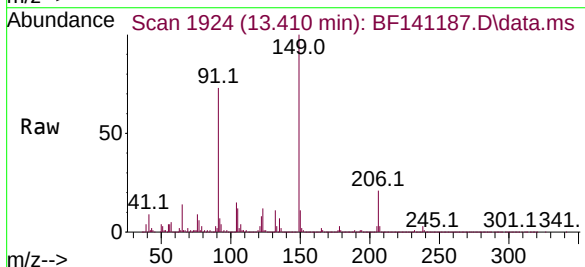
Instrument :
 BNA_F
 ClientSampleId :
 72-11938MS

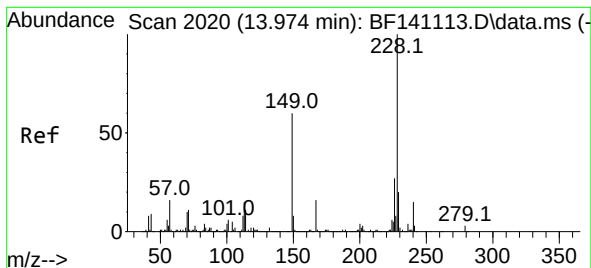
Tgt Ion:244 Resp: 1443854
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.2 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 50.687 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF141187.D
 Acq: 16 Jan 2025 16:05

Tgt Ion:149 Resp: 503248
 Ion Ratio Lower Upper
 149 100
 91 72.5 59.0 88.6
 206 21.2 16.5 24.7





#81

Benzo(a)anthracene

Concen: 56.507 ng

RT: 13.980 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

Instrument :

BNA_F

ClientSampleId :

72-11938MS

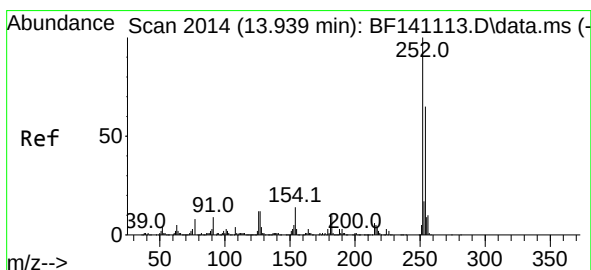
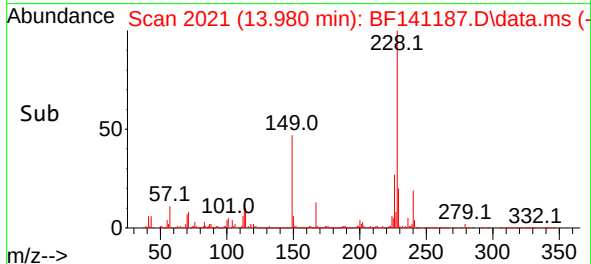
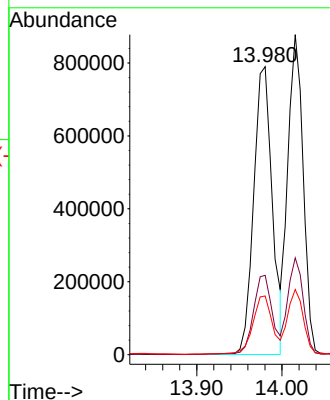
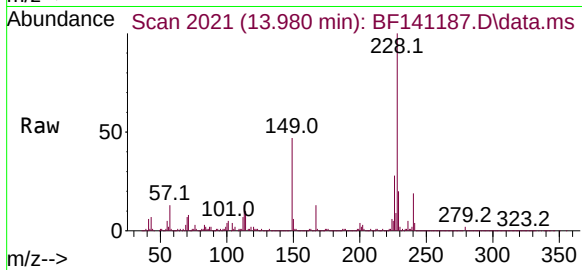
Tgt Ion:228 Resp: 1199002

Ion Ratio Lower Upper

228 100

226 27.6 21.7 32.5

229 20.4 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 37.319 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

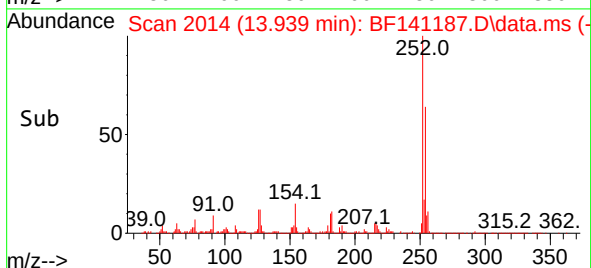
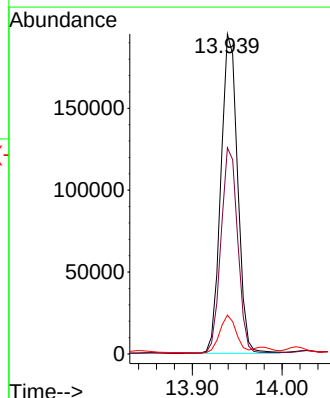
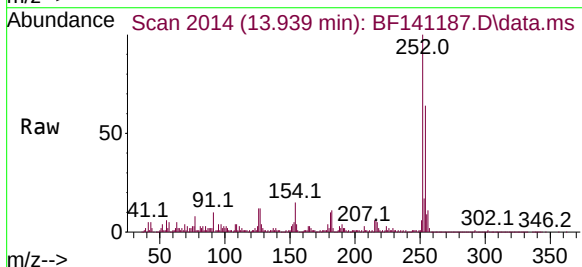
Tgt Ion:252 Resp: 252144

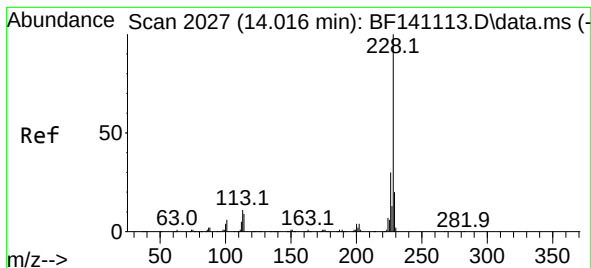
Ion Ratio Lower Upper

252 100

254 64.4 52.0 78.0

126 12.1 9.4 14.0





#83

Chrysene

Concen: 54.875 ng

RT: 14.015 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

Instrument :

BNA_F

ClientSampleId :

72-11938MS

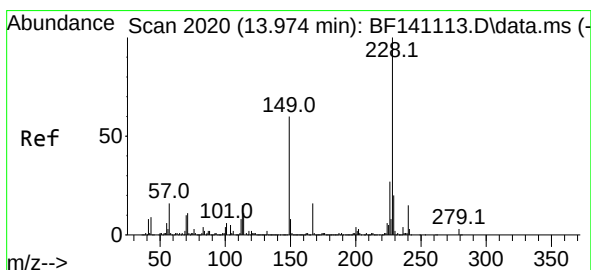
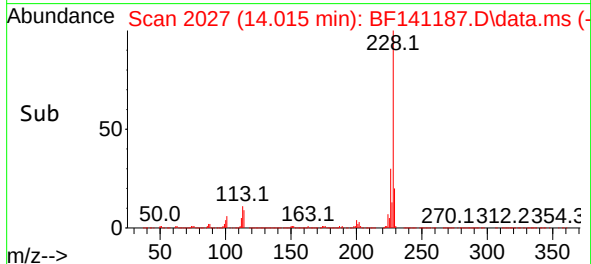
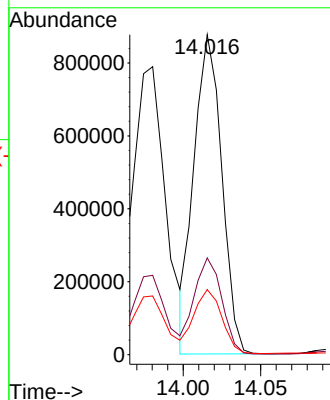
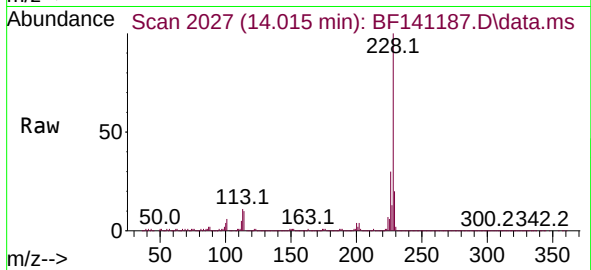
Tgt Ion:228 Resp: 1089500

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

229 20.4 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.578 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

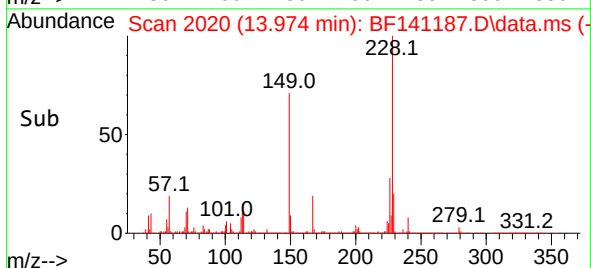
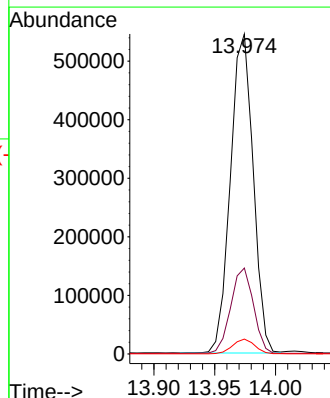
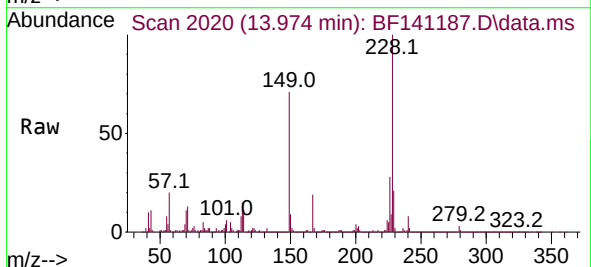
Tgt Ion:149 Resp: 709749

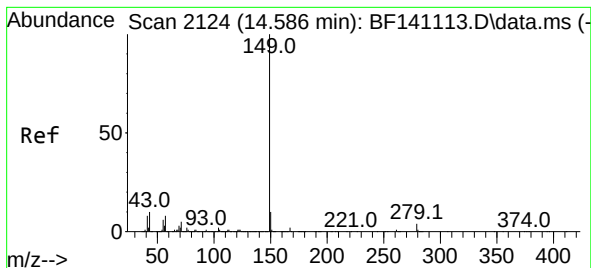
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.2

279 4.7 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 66.729 ng

RT: 14.598 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

Instrument :

BNA_F

ClientSampleId :

72-11938MS

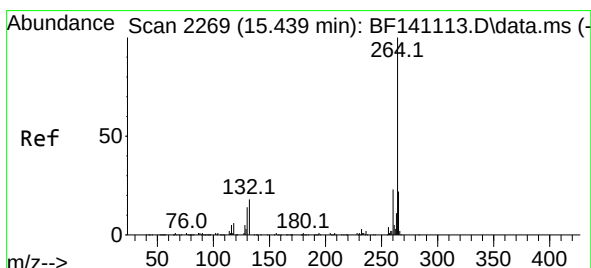
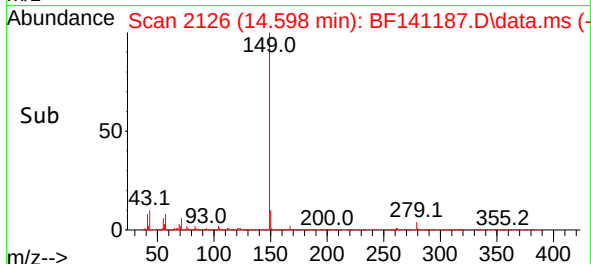
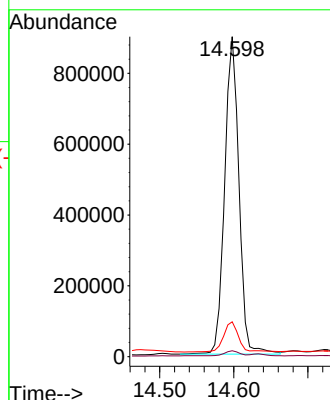
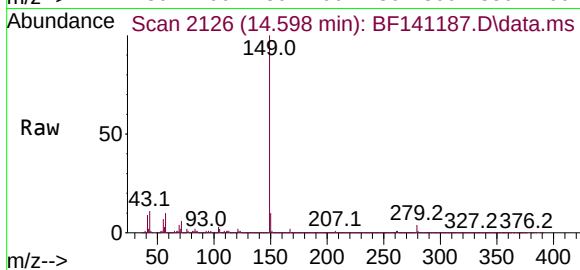
Tgt Ion:149 Resp: 1200410

Ion Ratio Lower Upper

149 100

167 2.1 1.3 1.9#

43 10.0 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.018 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

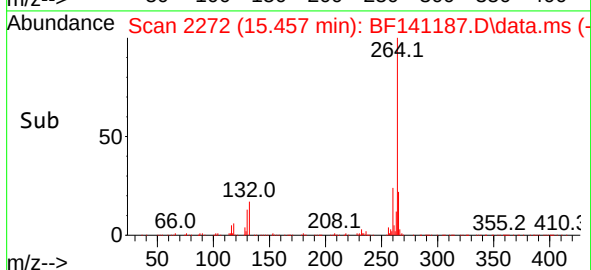
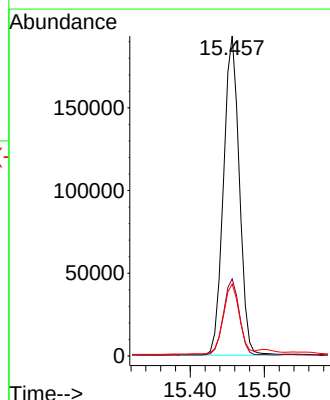
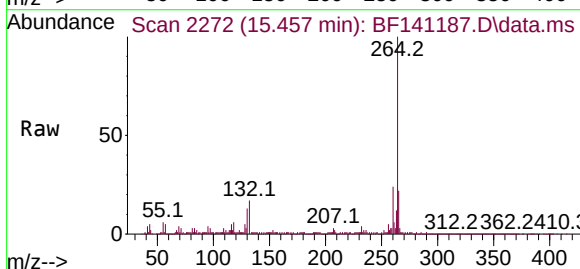
Tgt Ion:264 Resp: 285840

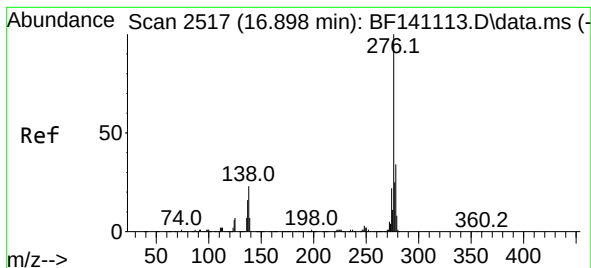
Ion Ratio Lower Upper

264 100

260 24.1 18.6 28.0

265 22.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.082 ng

RT: 16.915 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

Instrument :

BNA_F

ClientSampleId :

72-11938MS

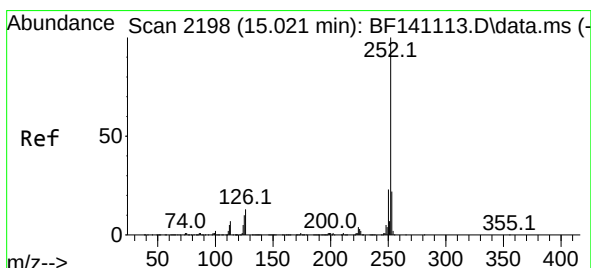
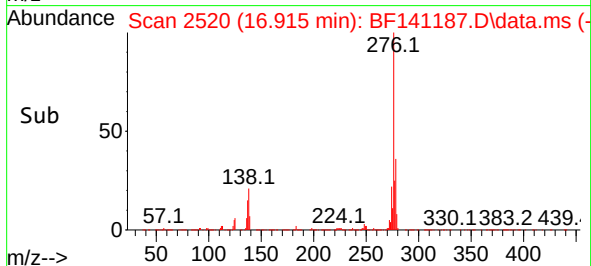
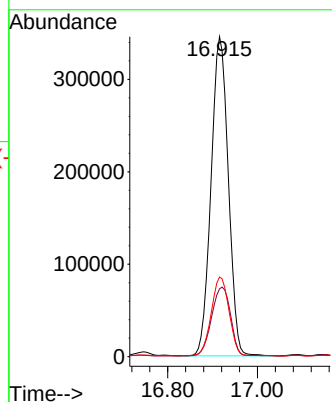
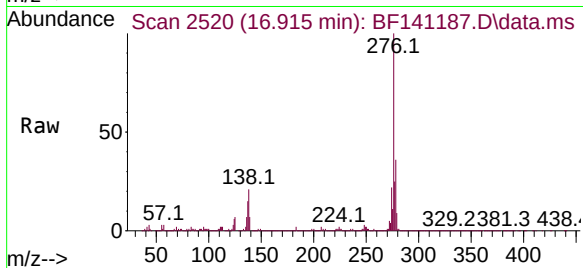
Tgt Ion:276 Resp: 923144

Ion Ratio Lower Upper

276 100

138 23.6 20.7 31.1

277 25.9 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 65.677 ng

RT: 15.033 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

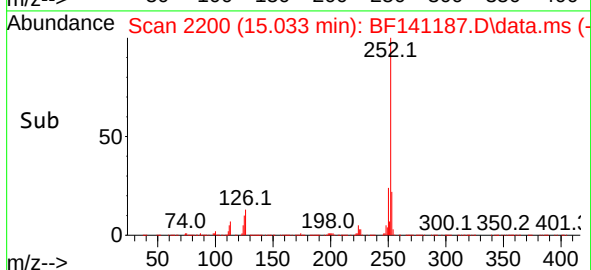
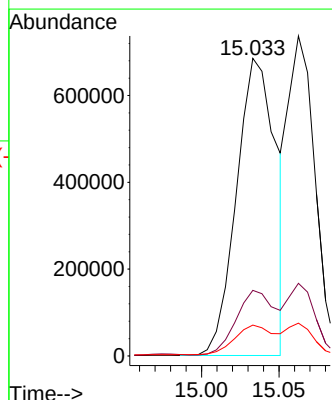
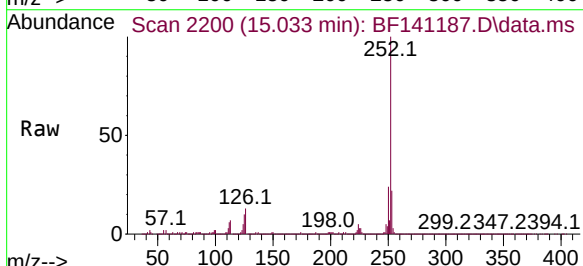
Tgt Ion:252 Resp: 1210556

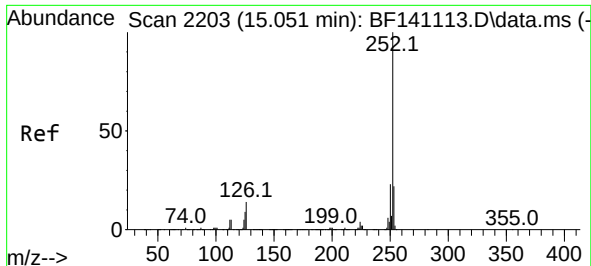
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 10.4 8.1 12.1

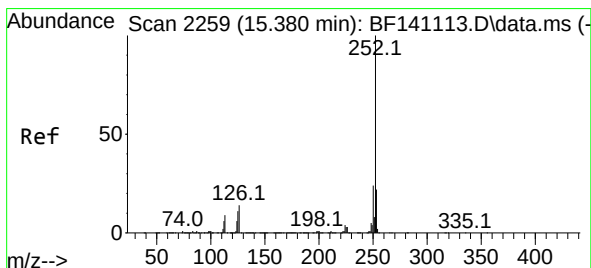
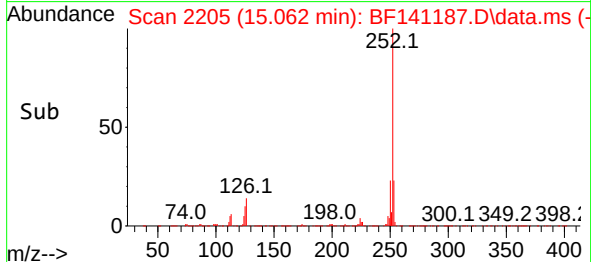
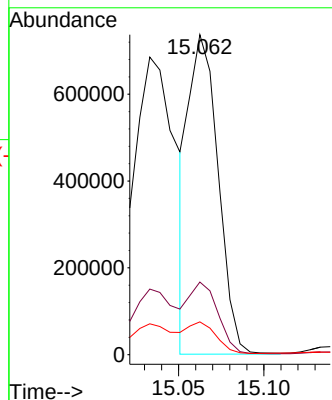
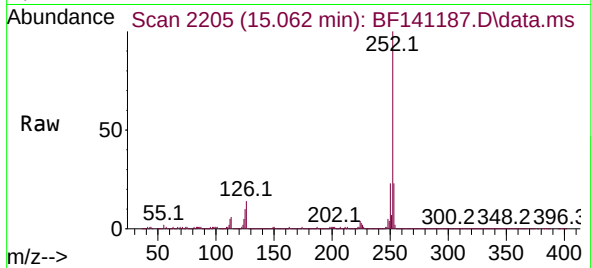




#89
Benzo(k)fluoranthene
Concen: 57.029 ng
RT: 15.062 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

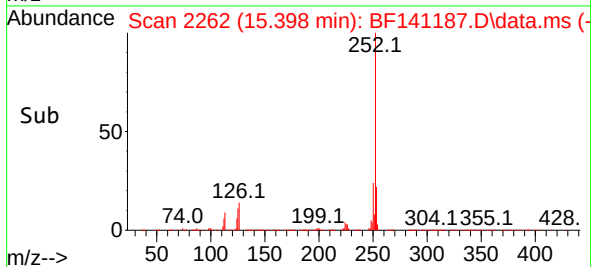
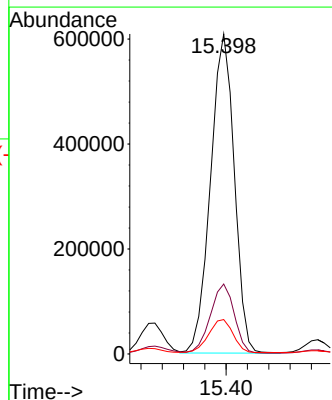
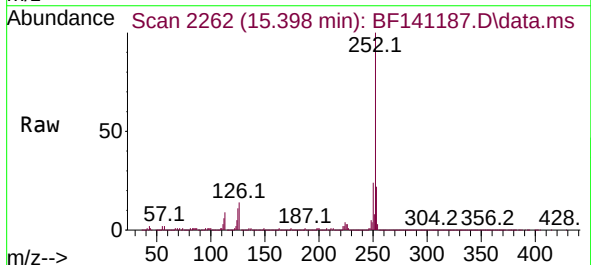
Instrument :
BNA_F
ClientSampleId :
72-11938MS

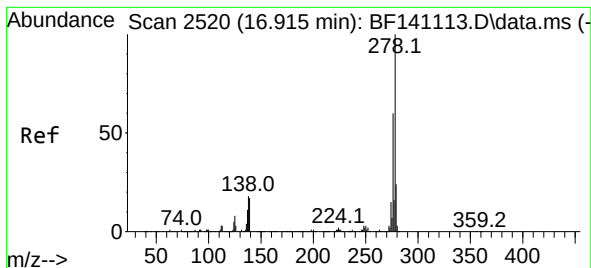
Tgt Ion:252 Resp: 888314
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 10.3 7.9 11.9



#90
Benzo(a)pyrene
Concen: 61.936 ng
RT: 15.398 min Scan# 2262
Delta R.T. 0.018 min
Lab File: BF141187.D
Acq: 16 Jan 2025 16:05

Tgt Ion:252 Resp: 941879
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 10.8 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 43.001 ng

RT: 16.933 min Scan# 2523

Delta R.T. 0.018 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

Instrument :

BNA_F

ClientSampleId :

72-11938MS

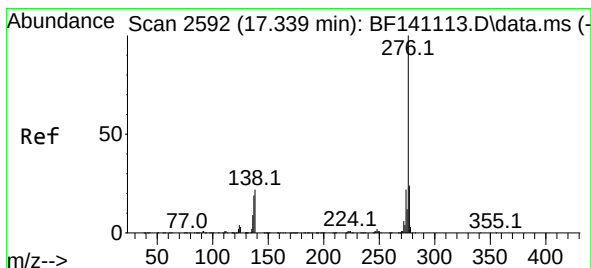
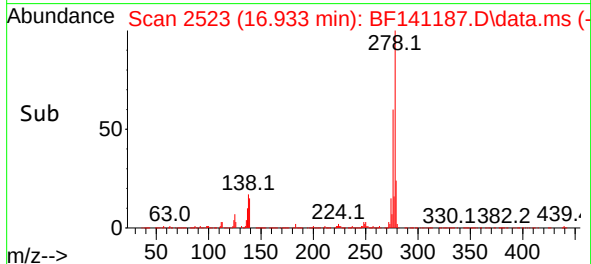
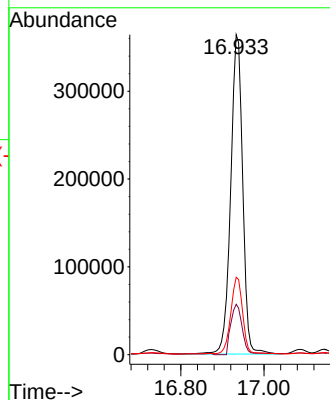
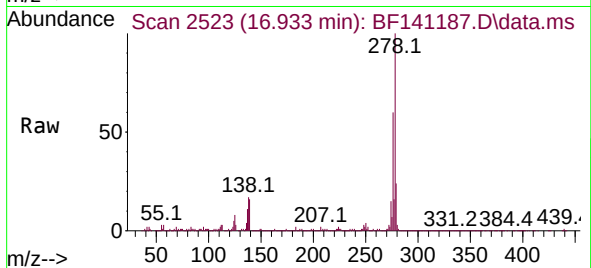
Tgt Ion:278 Resp: 728333

Ion Ratio Lower Upper

278 100

139 15.8 13.8 20.6

279 24.2 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 39.090 ng

RT: 17.356 min Scan# 2595

Delta R.T. 0.018 min

Lab File: BF141187.D

Acq: 16 Jan 2025 16:05

Tgt Ion:276 Resp: 688674

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 20.2 17.4 26.2

