

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141429.D
 Acq On : 05 Feb 2025 00:22
 Operator : RC/JU
 Sample : Q1280-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11984MSD

Quant Time: Feb 05 02:11:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	84554	20.000	ng	-0.02
21) Naphthalene-d8	8.075	136	333021	20.000	ng	#-0.01
39) Acenaphthene-d10	9.827	164	178834	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	279889	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	182626	20.000	ng	#-0.01
86) Perylene-d12	15.415	264	177800	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	595756	108.168	ng	0.00
7) Phenol-d6	6.434	99	728817	104.021	ng	0.00
23) Nitrobenzene-d5	7.357	82	488197	77.281	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	189068	115.321	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	861061	74.110	ng	-0.01
79) Terphenyl-d14	12.904	244	763709	64.491	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	93395	38.557	ng	97
3) Pyridine	3.293	79	206465	35.377	ng	96
4) n-Nitrosodimethylamine	3.245	42	148628	44.580	ng	83
6) Aniline	6.451	93	128145	21.606	ng	# 1
8) 2-Chlorophenol	6.581	128	254348	43.086	ng	96
9) Benzaldehyde	6.339	77	175027	43.127	ng	99
10) Phenol	6.445	94	306001	41.200	ng	77
11) bis(2-Chloroethyl)ether	6.528	93	231609	40.671	ng	97
12) 1,3-Dichlorobenzene	6.728	146	270977	41.631	ng	98
13) 1,4-Dichlorobenzene	6.804	146	275327	42.106	ng	99
14) 1,2-Dichlorobenzene	6.957	146	262451	42.864	ng	99
15) Benzyl Alcohol	6.933	79	227659	47.546	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	395365	39.925	ng	78
17) 2-Methylphenol	7.057	107	199470	41.575	ng	# 88
18) Hexachloroethane	7.298	117	102651	42.554	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	181331	43.555	ng	99
20) 3+4-Methylphenols	7.210	107	257724	43.749	ng	# 90
22) Acetophenone	7.198	105	397999	50.279	ng	# 97
24) Nitrobenzene	7.375	77	272466	41.620	ng	99
25) Isophorone	7.610	82	479312	43.893	ng	98
26) 2-Nitrophenol	7.692	139	133938	43.381	ng	97
27) 2,4-Dimethylphenol	7.733	122	203182	51.703	ng	95
28) bis(2-Chloroethoxy)met...	7.822	93	292603	42.008	ng	98
29) 2,4-Dichlorophenol	7.939	162	208984	43.439	ng	100
30) 1,2,4-Trichlorobenzene	8.016	180	230343	41.924	ng	99
31) Naphthalene	8.098	128	1072213	60.947	ng	99
32) Benzoic acid	7.857	122	156334	43.275	ng	95
33) 4-Chloroaniline	8.145	127	46766	7.839	ng	98
34) Hexachlorobutadiene	8.210	225	144325	44.793	ng	99
35) Caprolactam	8.516	113	52175	33.207	ng	97
36) 4-Chloro-3-methylphenol	8.639	107	232982	45.147	ng	95
37) 2-Methylnaphthalene	8.786	142	735591	65.786	ng	99
38) 1-Methylnaphthalene	8.886	142	583648	53.137	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	254322	49.988	ng	99
41) Hexachlorocyclopentadiene	8.939	237	178167	118.579	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	148619	44.630	ng	99

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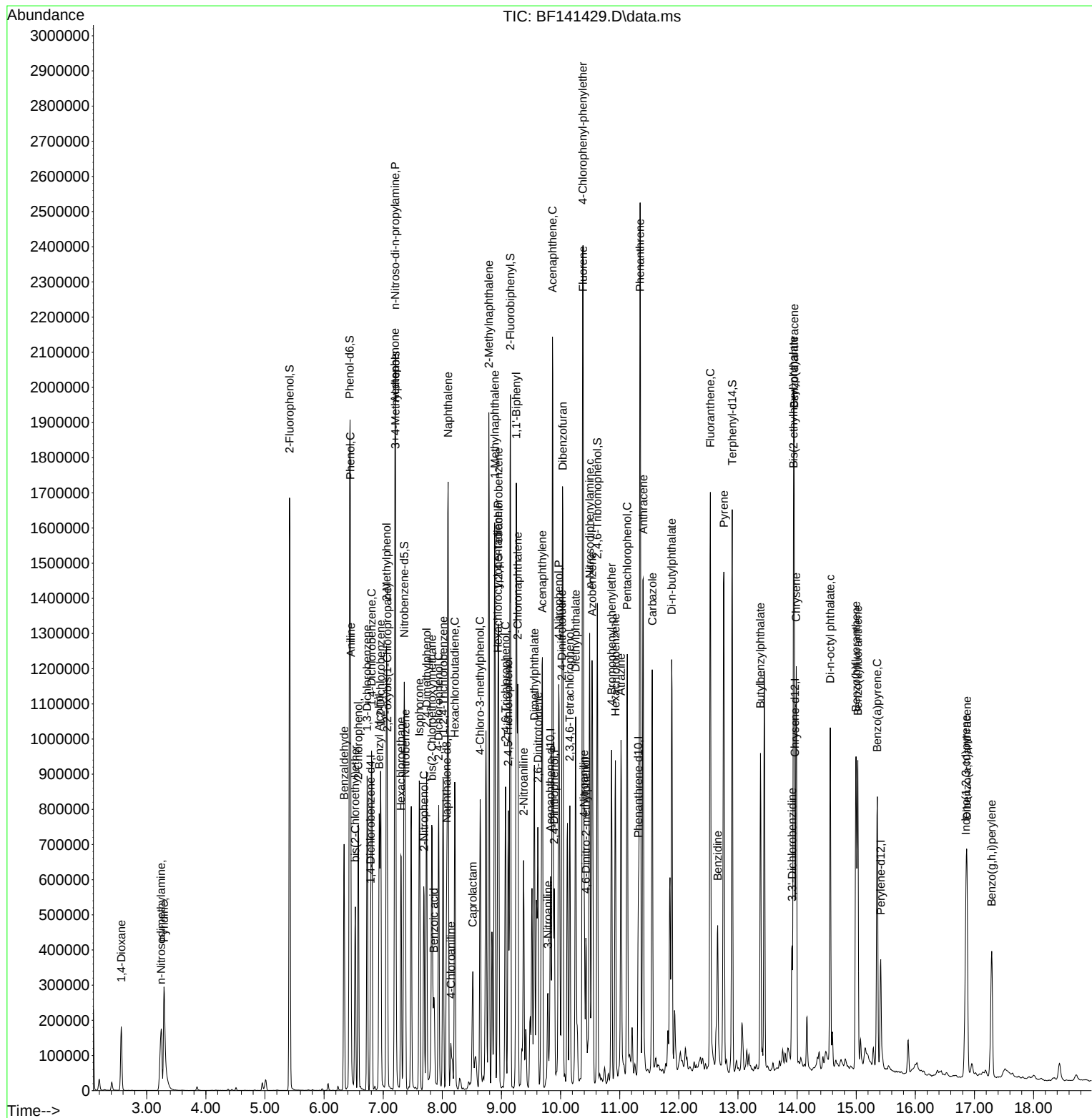
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	156413	43.156	ng	97
46) 1,1'-Biphenyl	9.251	154	739826	53.046	ng	99
47) 2-Chloronaphthalene	9.275	162	455594	41.910	ng	99
48) 2-Nitroaniline	9.374	65	154176	45.090	ng	97
49) Acenaphthylene	9.692	152	693470	45.571	ng	99
50) Dimethylphthalate	9.557	163	545241	45.142	ng	99
51) 2,6-Dinitrotoluene	9.616	165	117297	41.825	ng	93
52) Acenaphthene	9.863	154	767390	70.589	ng	100
53) 3-Nitroaniline	9.786	138	54591	19.861	ng	95
54) 2,4-Dinitrophenol	9.892	184	94115	72.192	ng	87
55) Dibenzofuran	10.039	168	866265	59.530	ng	97
56) 4-Nitrophenol	9.969	139	191999	95.512	ng	89
57) 2,4-Dinitrotoluene	10.022	165	157856	43.475	ng	90
58) Fluorene	10.380	166	697621	61.805	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	133706	46.892	ng	99
60) Diethylphthalate	10.257	149	529025	45.172	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	242983	44.070	ng	98
62) 4-Nitroaniline	10.398	138	108779	40.254	ng	89
63) Azobenzene	10.533	77	600365	51.213	ng	89
65) 4,6-Dinitro-2-methylph...	10.427	198	64626	39.036	ng	90
66) n-Nitrosodiphenylamine	10.492	169	431572	47.674	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	151678	48.406	ng	98
68) Hexachlorobenzene	10.927	284	151574	45.602	ng	99
69) Atrazine	11.021	200	161551	53.375	ng	99
70) Pentachlorophenol	11.127	266	191758	98.521	ng	99
71) Phenanthrene	11.345	178	1367014	90.861	ng	100
72) Anthracene	11.398	178	813707	55.198	ng	99
73) Carbazole	11.551	167	634916	48.572	ng	98
74) Di-n-butylphthalate	11.880	149	791767	49.981	ng	99
75) Fluoranthene	12.533	202	939512	63.244	ng	98
77) Benzidine	12.657	184	208275	35.574	ng	99
78) Pyrene	12.763	202	853725	48.700	ng	100
80) Butylbenzylphthalate	13.380	149	277318	45.281	ng	99
81) Benzo(a)anthracene	13.951	228	595931	47.288	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	102106	25.475	ng	98
83) Chrysene	13.986	228	543641	47.070	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	370220	47.653	ng	99
85) Di-n-octyl phthalate	14.562	149	621606	51.514	ng	100
87) Indeno(1,2,3-cd)pyrene	16.856	276	432599	37.697	ng	95
88) Benzo(b)fluoranthene	14.998	252	564760	50.497	ng	98
89) Benzo(k)fluoranthene	15.027	252	489115	49.367	ng	98
90) Benzo(a)pyrene	15.356	252	478663	50.646	ng	98
91) Dibenzo(a,h)anthracene	16.874	278	349979	37.907	ng	97
92) Benzo(g,h,i)perylene	17.292	276	313335	32.639	ng	94

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

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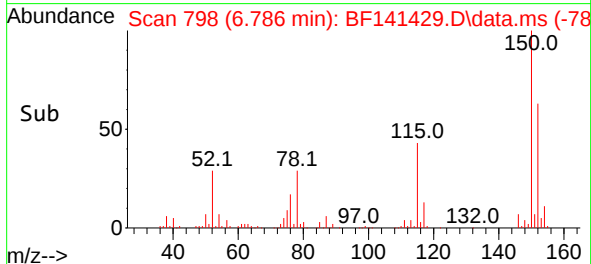
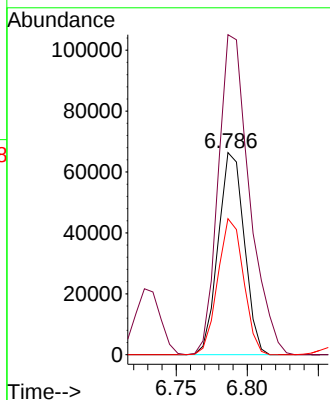
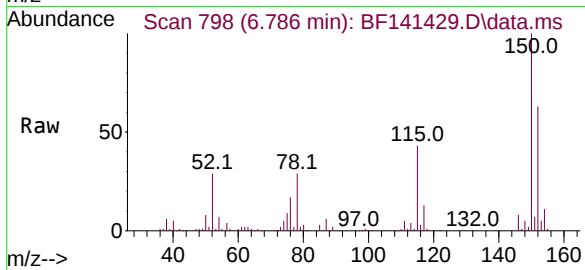




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.018 min
 Lab File: BF141429.D
 Acq: 05 Feb 2025 00:22

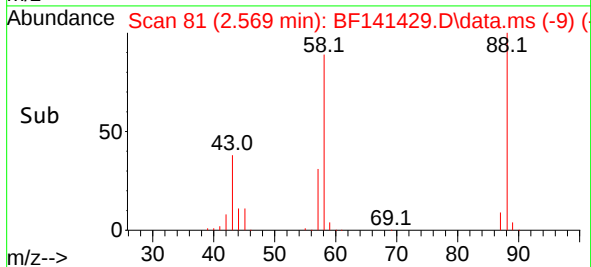
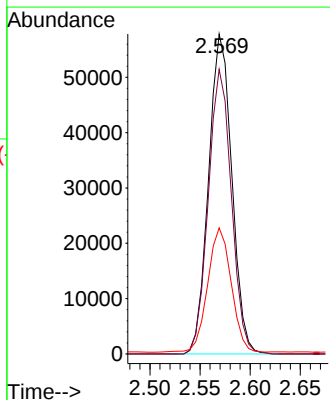
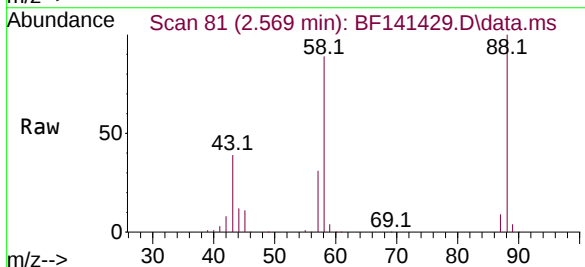
Instrument :
 BNA_F
 ClientSampleId :
 72-11984MSD

Tgt Ion:152 Resp: 84554
 Ion Ratio Lower Upper
 152 100
 150 158.4 125.9 188.9
 115 67.3 49.7 74.5



#2
 1,4-Dioxane
 Concen: 38.557 ng
 RT: 2.569 min Scan# 81
 Delta R.T. 0.076 min
 Lab File: BF141429.D
 Acq: 05 Feb 2025 00:22

Tgt Ion: 88 Resp: 93395
 Ion Ratio Lower Upper
 88 100
 58 88.3 70.2 105.4
 43 39.3 27.6 41.4





#3

Pyridine

Concen: 35.377 ng

RT: 3.293 min Scan# 204

Delta R.T. 0.064 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

Instrument :

BNA_F

ClientSampleId :

72-11984MSD

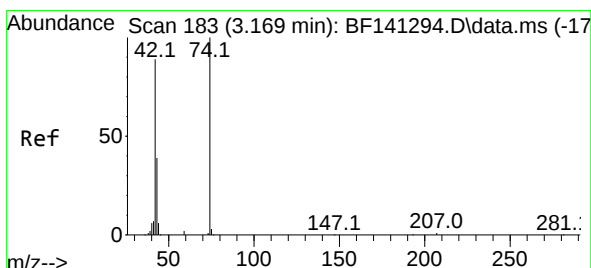
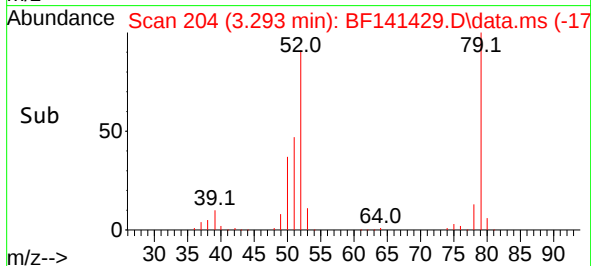
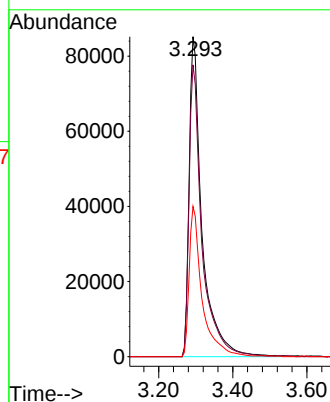
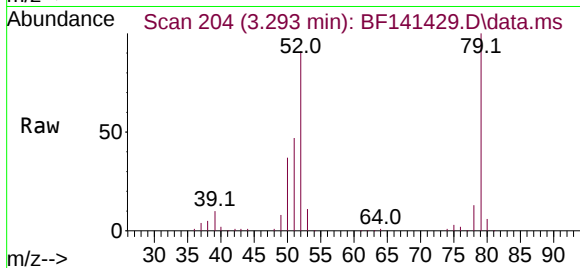
Tgt Ion: 79 Resp: 206465

Ion Ratio Lower Upper

79 100

52 91.2 70.3 105.5

51 46.9 34.3 51.5



#4

n-Nitrosodimethylamine

Concen: 44.580 ng

RT: 3.245 min Scan# 196

Delta R.T. 0.047 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

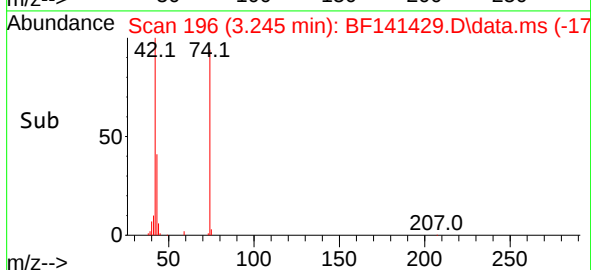
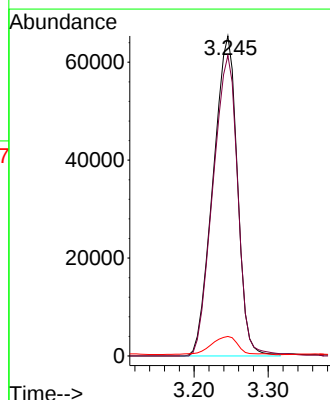
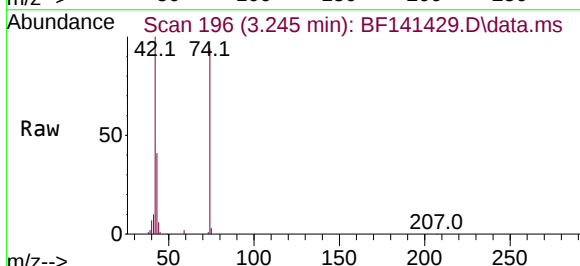
Tgt Ion: 42 Resp: 148628

Ion Ratio Lower Upper

42 100

74 93.9 90.3 135.5

44 6.1 5.7 8.5

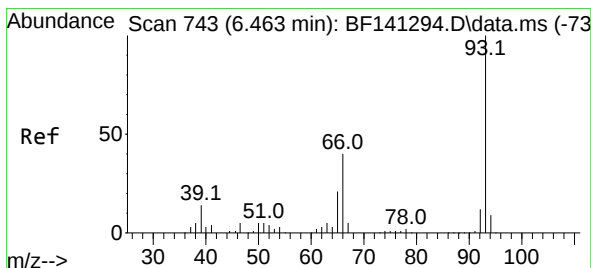
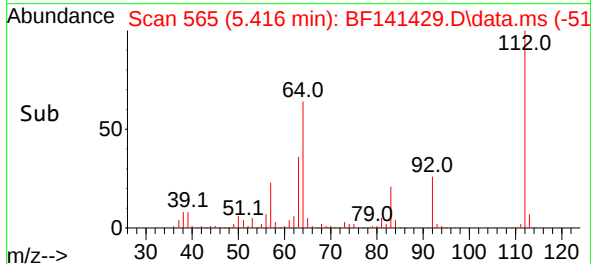
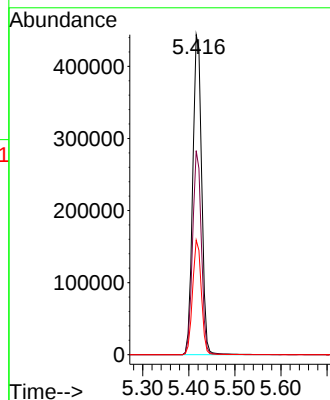
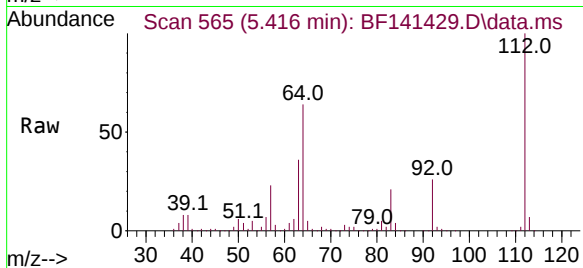




#5
2-Fluorophenol
Concen: 108.168 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

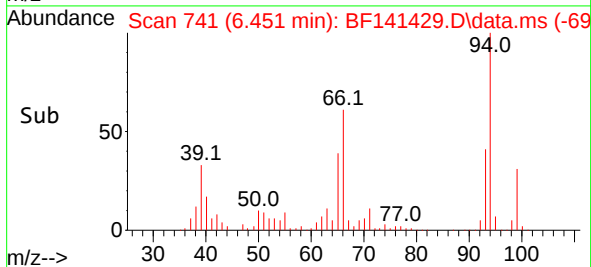
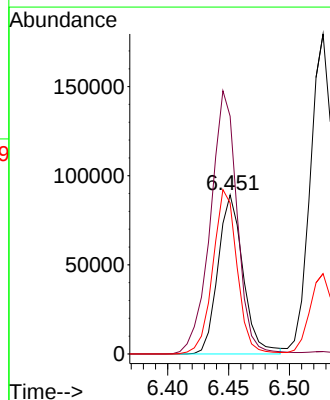
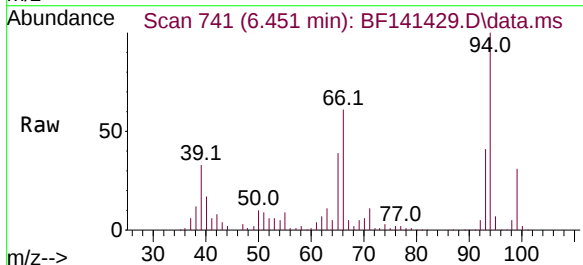
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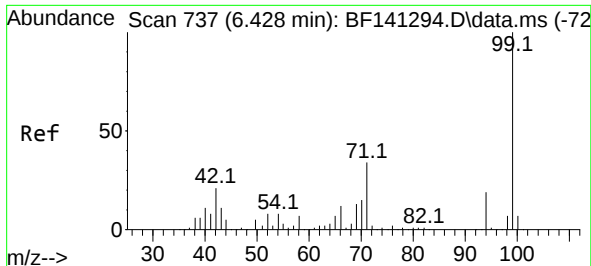
Tgt Ion:112 Resp: 595756
Ion Ratio Lower Upper
112 100
64 63.7 49.8 74.8
63 35.8 26.1 39.1



#6
Aniline
Concen: 21.606 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion: 93 Resp: 128145
Ion Ratio Lower Upper
93 100
66 149.5 32.5 48.7#
65 95.0 17.0 25.6#





#7

Phenol-d6

Concen: 104.021 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

Instrument :

BNA_F

ClientSampleId :

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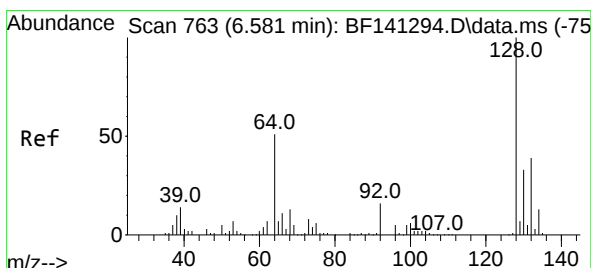
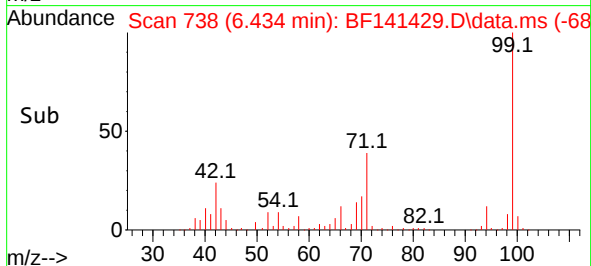
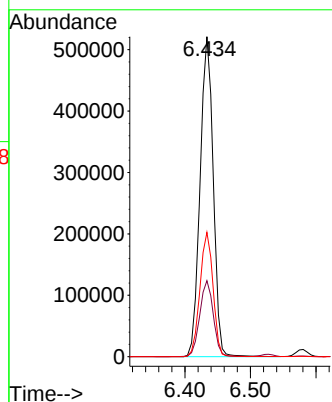
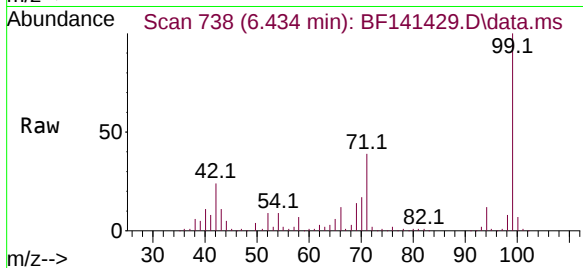
Tgt Ion: 99 Resp: 728817

Ion Ratio Lower Upper

99 100

42 23.8 17.1 25.7

71 38.9 26.9 40.3



#8

2-Chlorophenol

Concen: 43.086 ng

RT: 6.581 min Scan# 763

Delta R.T. -0.012 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

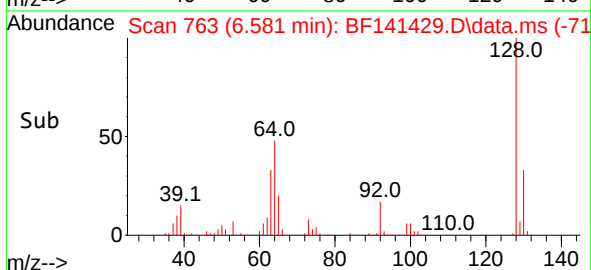
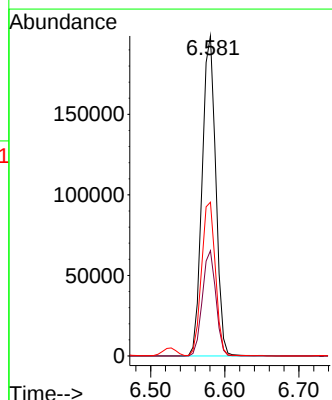
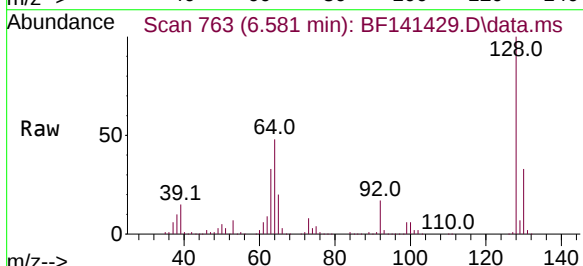
Tgt Ion:128 Resp: 254348

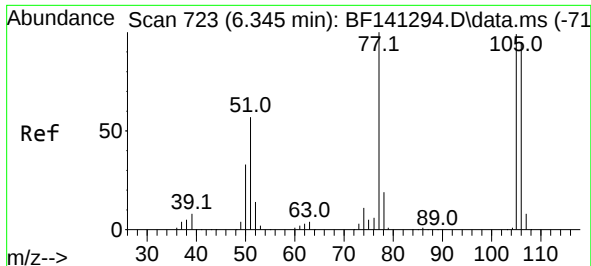
Ion Ratio Lower Upper

128 100

130 32.9 12.5 52.5

64 48.1 32.9 72.9

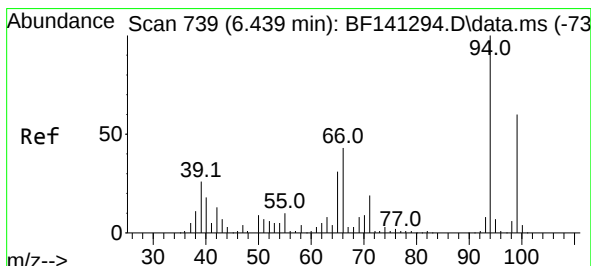
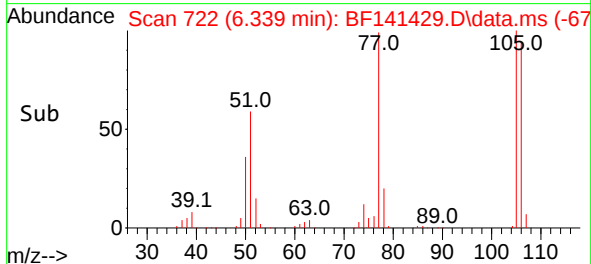
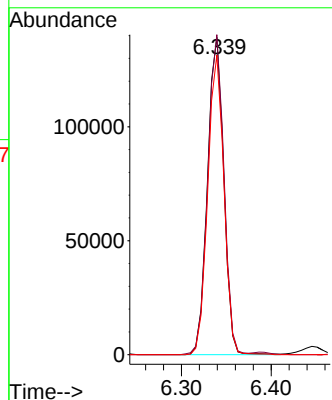
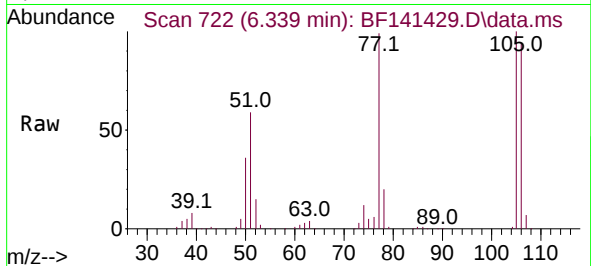




#9
Benzaldehyde
Concen: 43.127 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

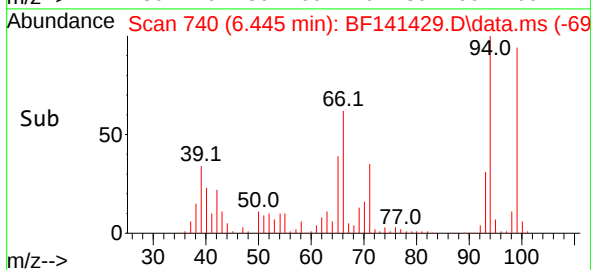
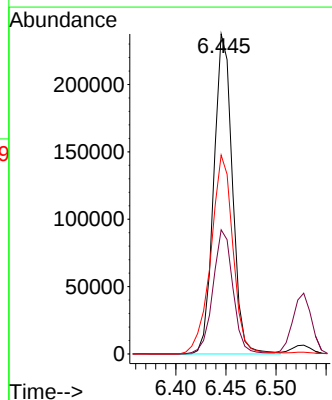
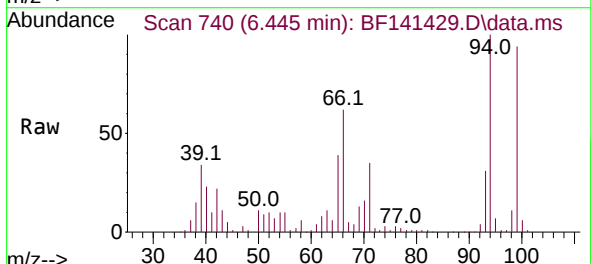
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Tgt Ion: 77 Resp: 175027
Ion Ratio Lower Upper
77 100
105 100.8 79.4 119.4
106 94.4 74.6 114.6



#10
Phenol
Concen: 41.200 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 306001
Ion Ratio Lower Upper
94 100
65 38.8 10.8 50.8
66 62.2 23.3 63.3

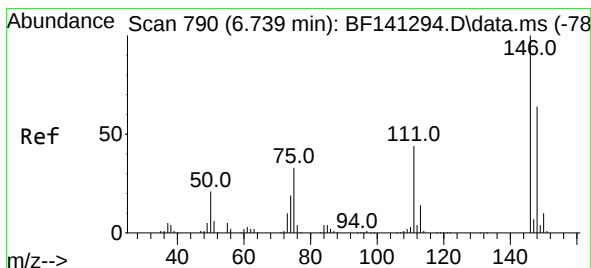
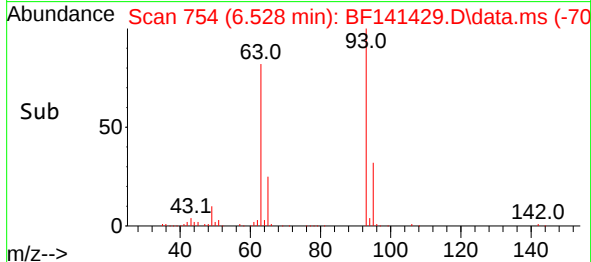
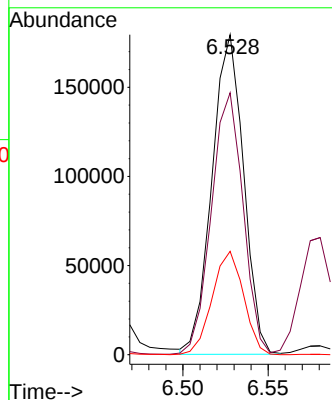
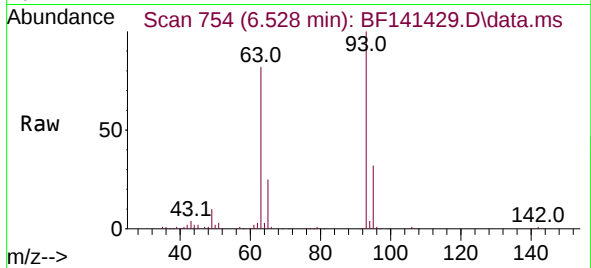




#11
bis(2-Chloroethyl)ether
Concen: 40.671 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

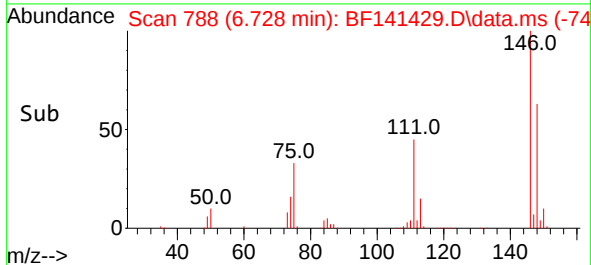
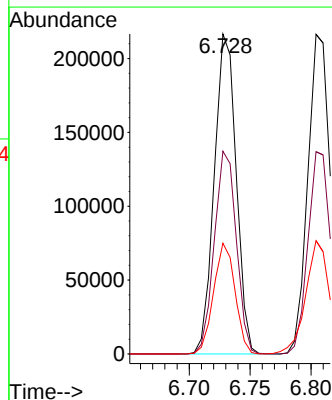
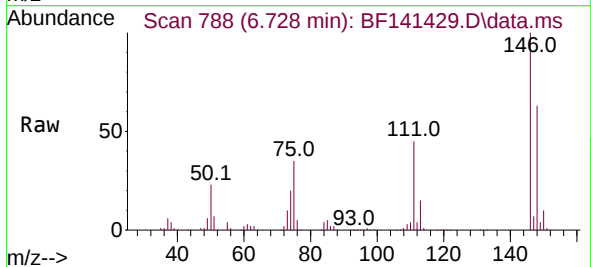
Instrument :
BNA_F
ClientSampleId :
72-11984MSD

Tgt Ion: 93 Resp: 231609
Ion Ratio Lower Upper
93 100
63 81.9 65.0 105.0
95 32.3 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 41.631 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.018 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion: 146 Resp: 270977
Ion Ratio Lower Upper
146 100
148 63.3 51.2 76.8
75 34.6 26.2 39.4

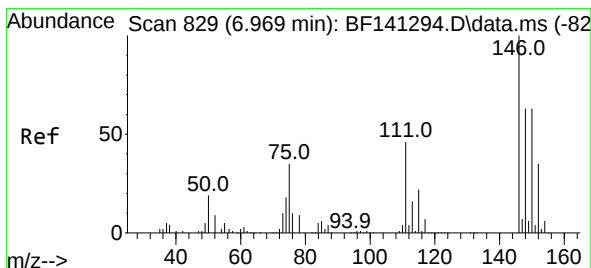
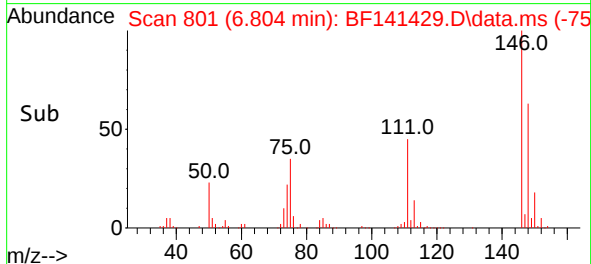
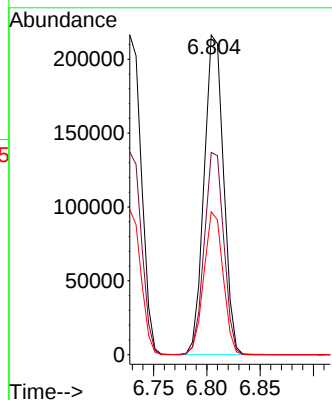
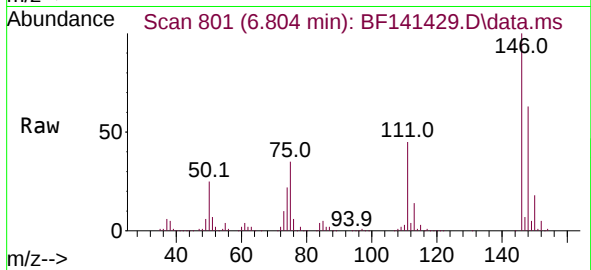




#13
1,4-Dichlorobenzene
Concen: 42.106 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.018 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

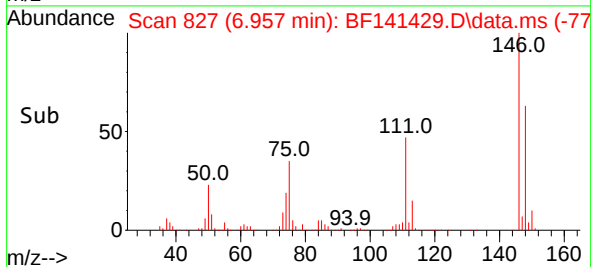
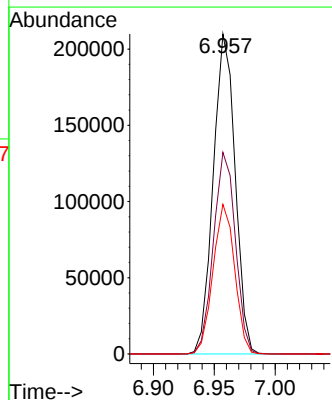
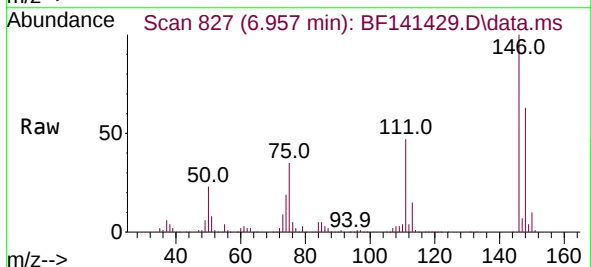
Instrument :
BNA_F
ClientSampleId :
72-11984MSD

Tgt Ion:146 Resp: 275327
Ion Ratio Lower Upper
146 100
148 63.3 51.2 76.8
111 44.7 35.0 52.4



#14
1,2-Dichlorobenzene
Concen: 42.864 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.018 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion:146 Resp: 262451
Ion Ratio Lower Upper
146 100
148 63.0 50.5 75.7
111 46.7 36.6 55.0

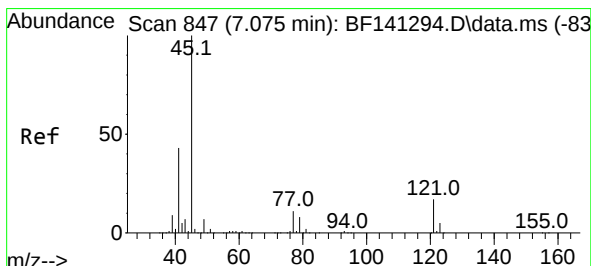
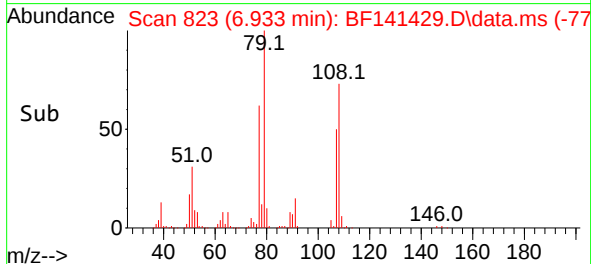
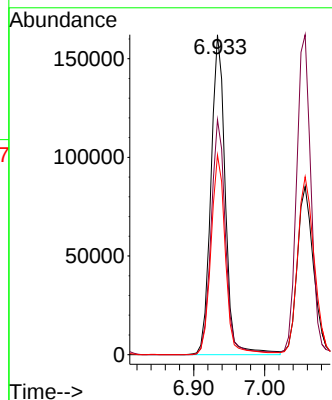
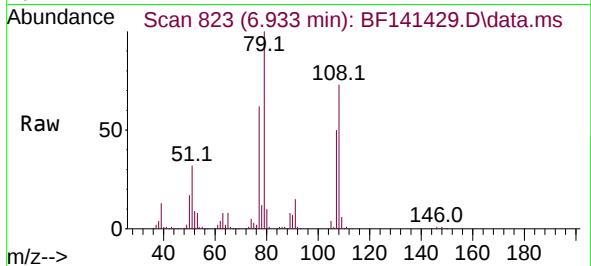




#15
Benzyl Alcohol
Concen: 47.546 ng
RT: 6.933 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

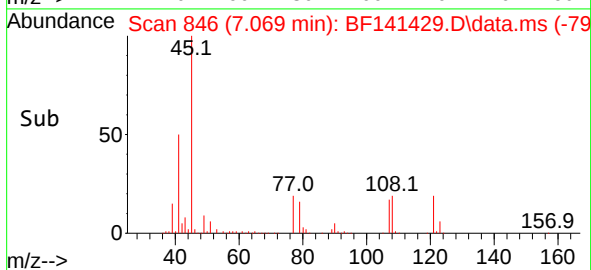
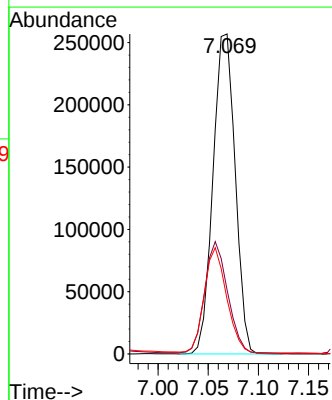
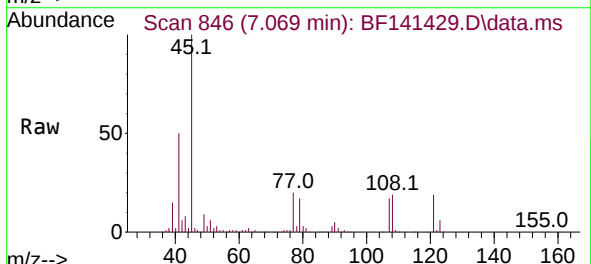
Instrument :
BNA_F
ClientSampleId :
72-11984MSD

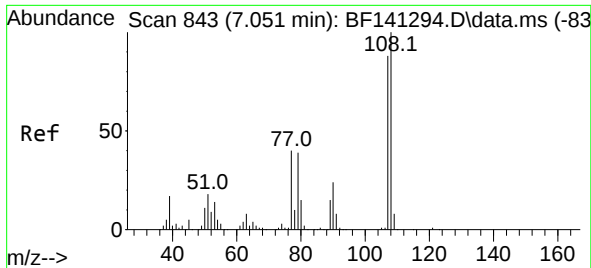
Tgt Ion: 79 Resp: 227659
Ion Ratio Lower Upper
79 100
108 73.5 61.4 92.0
77 62.4 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.925 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion: 45 Resp: 395365
Ion Ratio Lower Upper
45 100
77 20.0 0.0 31.8
79 17.0 0.0 29.1

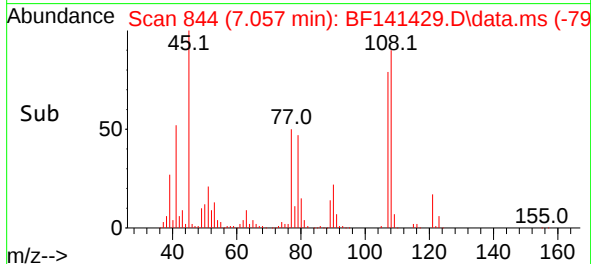
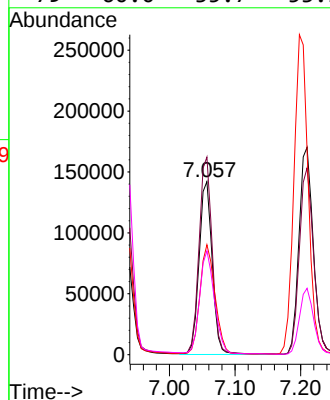
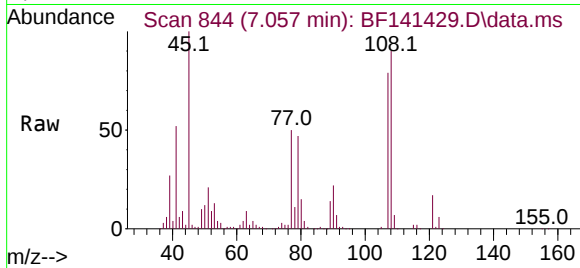




#17
2-Methylphenol
Concen: 41.575 ng
RT: 7.057 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

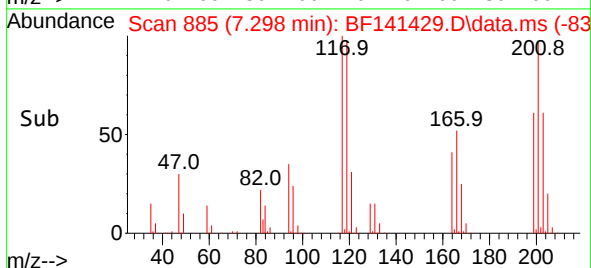
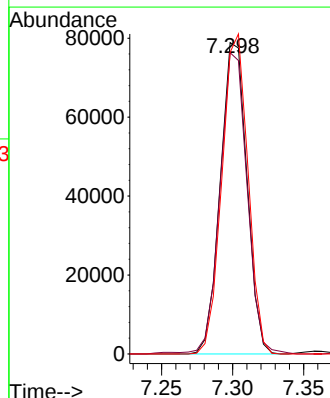
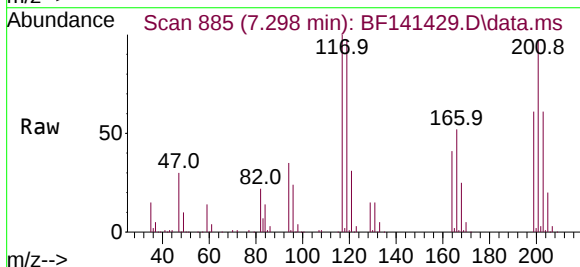
Instrument :
BNA_F
ClientSampleId :
72-11984MSD

Tgt Ion:107 Resp: 199470
Ion Ratio Lower Upper
107 100
108 114.1 90.8 136.2
77 63.5 36.2 54.4#
79 60.0 35.7 53.5#



#18
Hexachloroethane
Concen: 42.554 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion:117 Resp: 102651
Ion Ratio Lower Upper
117 100
119 96.7 76.6 114.8
201 96.9 74.8 112.2

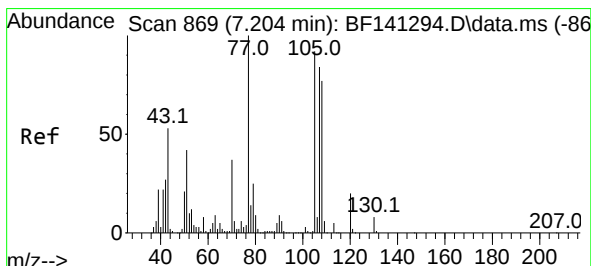
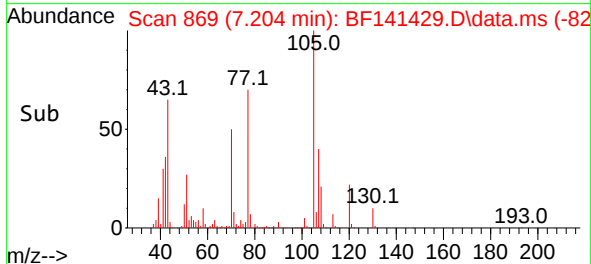
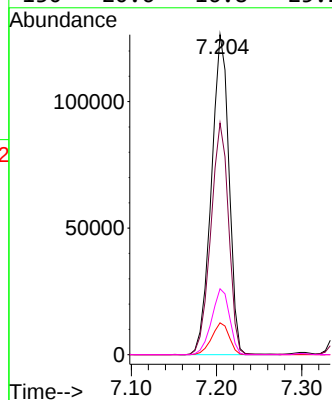
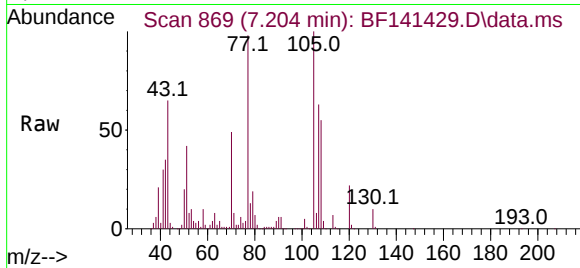




#19
n-Nitroso-di-n-propylamine
Concen: 43.555 ng
RT: 7.204 min Scan# 80
Delta R.T. -0.024 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

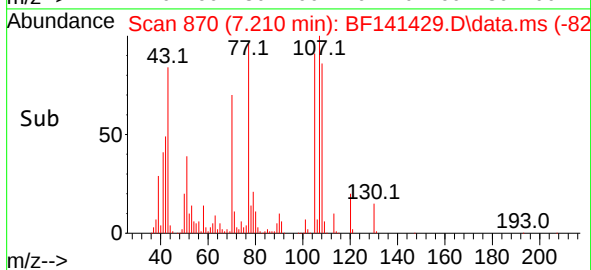
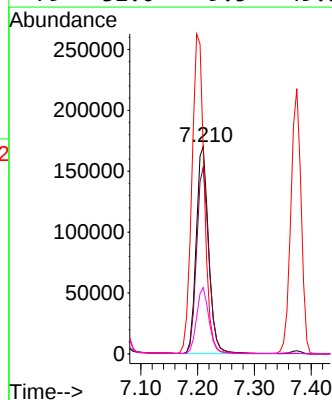
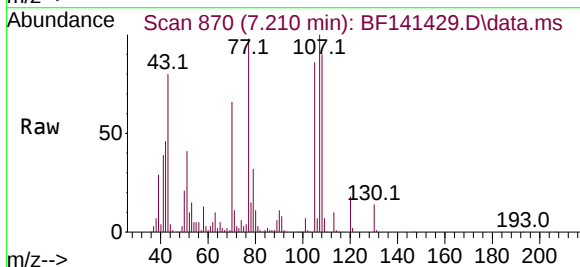
Instrument :
BNA_F
ClientSampleId :
72-11984MSD

Tgt Ion: 70 Resp: 181331
Ion Ratio Lower Upper
70 100
42 72.4 56.8 85.2
101 10.0 7.7 11.5
130 20.6 16.8 25.2



#20
3+4-Methylphenols
Concen: 43.749 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion: 107 Resp: 257724
Ion Ratio Lower Upper
107 100
108 90.0 70.9 110.9
77 98.5 98.5 138.5#
79 32.0 9.5 49.5

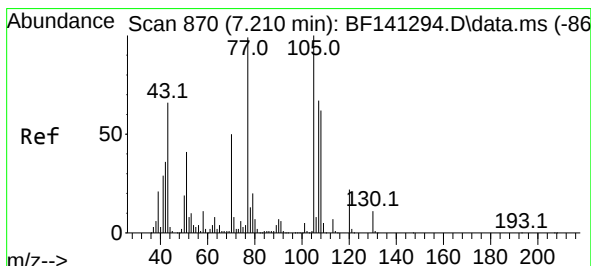
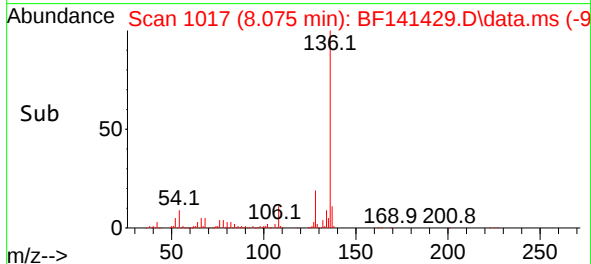
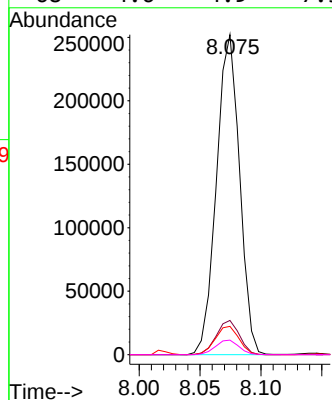
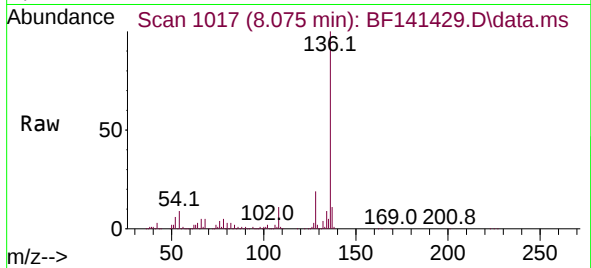




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

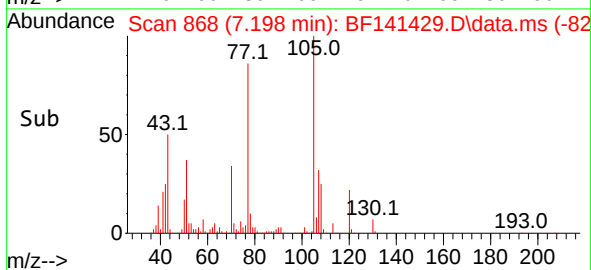
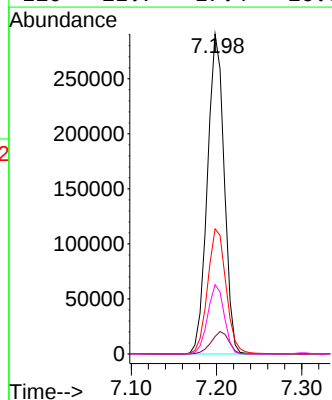
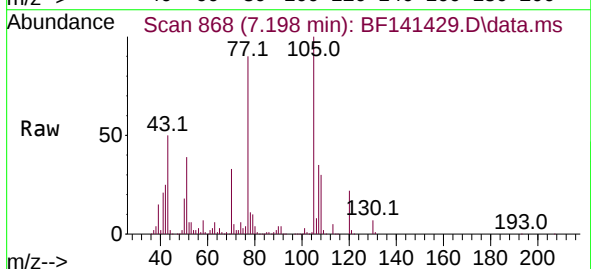
Instrument :
BNA_F
ClientSampleId :
72-11984MSD

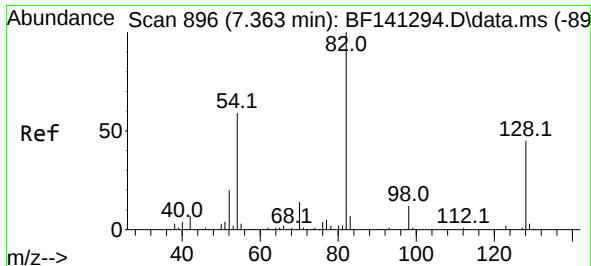
Tgt Ion:136 Resp: 333021
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.9 7.8 11.8
68 4.6 4.9 7.3#



#22
Acetophenone
Concen: 50.279 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion:105 Resp: 397999
Ion Ratio Lower Upper
105 100
71 5.5 6.8 10.2#
51 39.1 32.6 49.0
120 21.7 17.4 26.0





#23

Nitrobenzene-d5

Concen: 77.281 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

Instrument :

BNA_F

ClientSampleId :

72-11984MSD

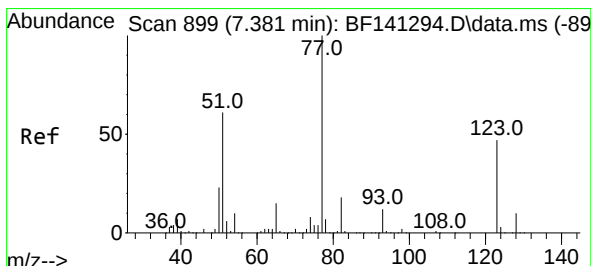
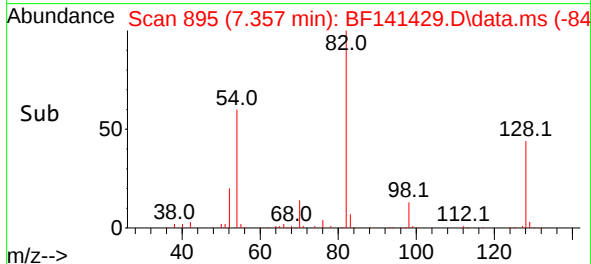
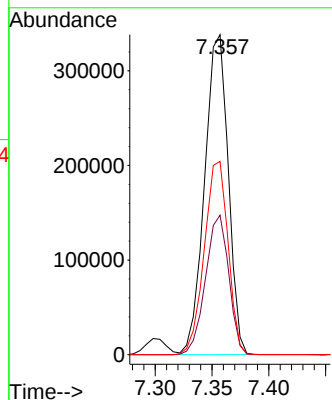
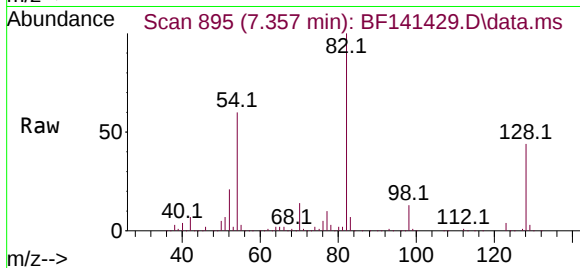
Tgt Ion: 82 Resp: 488197

Ion Ratio Lower Upper

82 100

128 43.6 35.7 53.5

54 60.4 47.1 70.7



#24

Nitrobenzene

Concen: 41.620 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.018 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

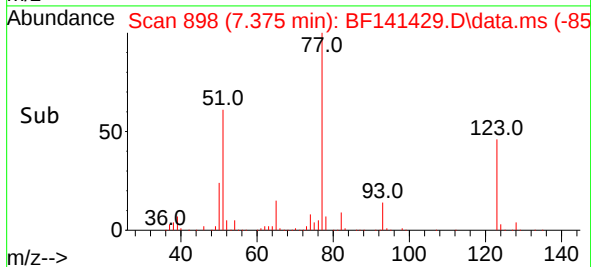
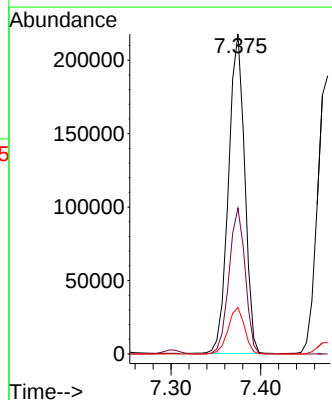
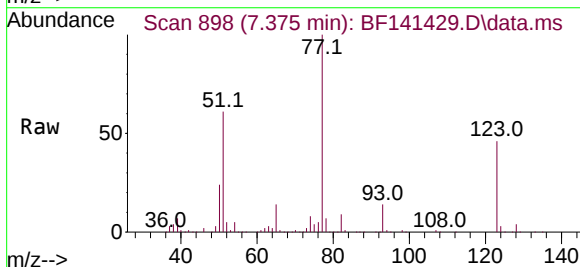
Tgt Ion: 77 Resp: 272466

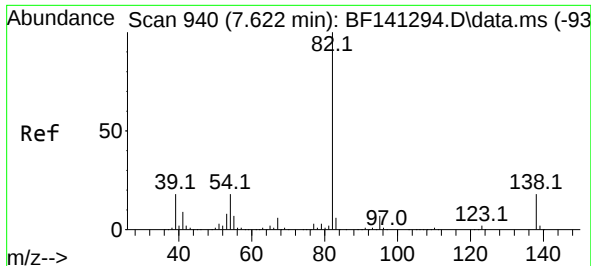
Ion Ratio Lower Upper

77 100

123 45.6 37.3 55.9

65 14.5 11.8 17.6

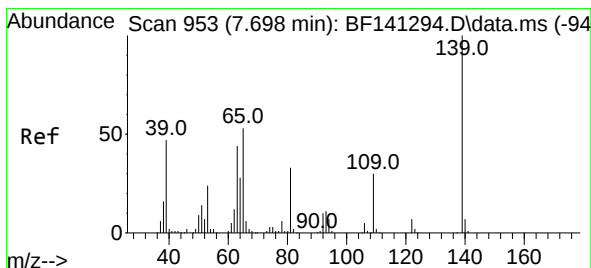
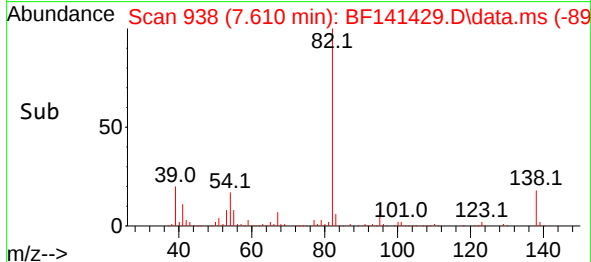
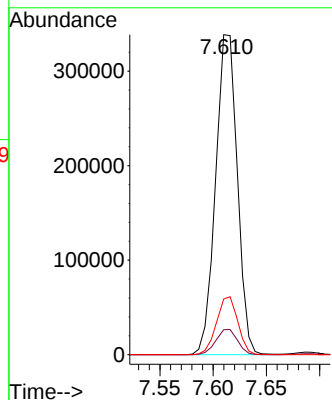
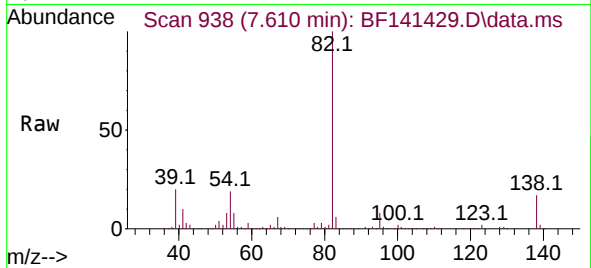




#25
Isophorone
Concen: 43.893 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

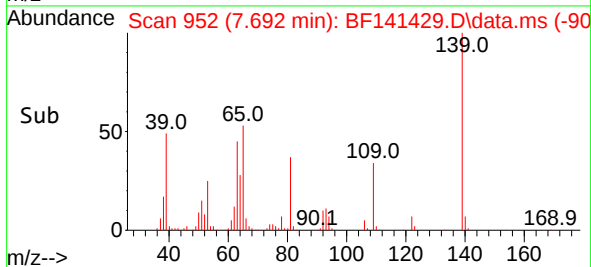
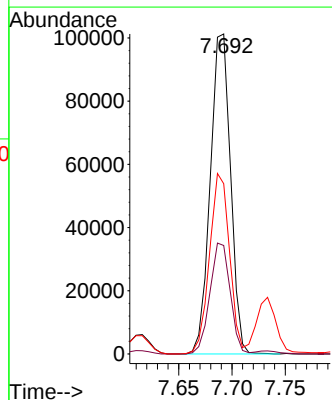
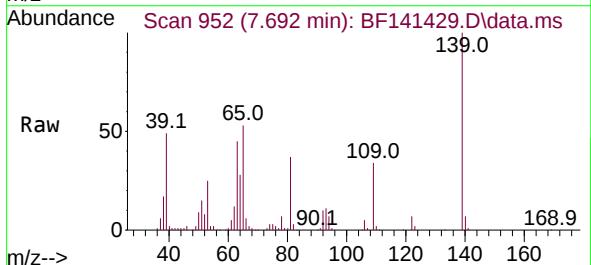
Instrument :
BNA_F
ClientSampleId :
72-11984MSD

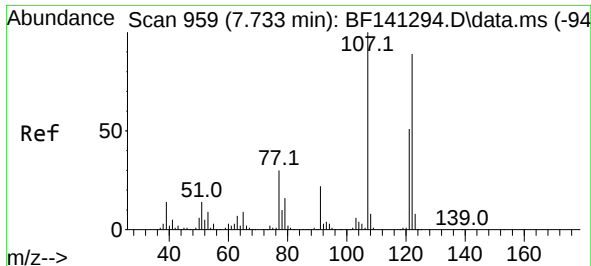
Tgt Ion: 82 Resp: 479312
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.6
138 17.4 14.7 22.1



#26
2-Nitrophenol
Concen: 43.381 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion: 139 Resp: 133938
Ion Ratio Lower Upper
139 100
109 33.9 23.8 35.6
65 53.2 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 51.703 ng

RT: 7.733 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

Instrument :

BNA_F

ClientSampleId :

72-11984MSD

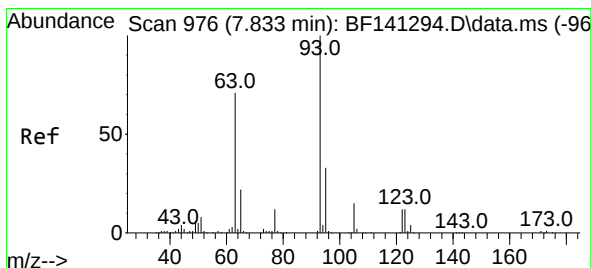
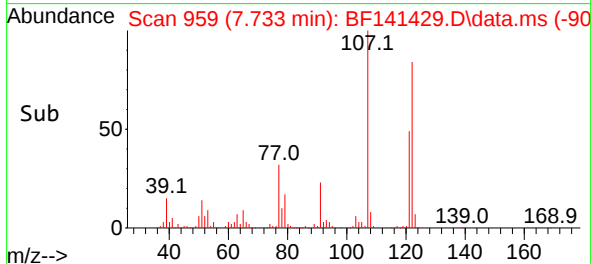
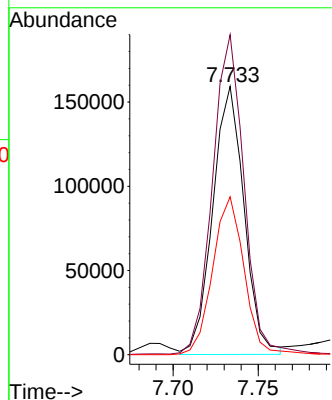
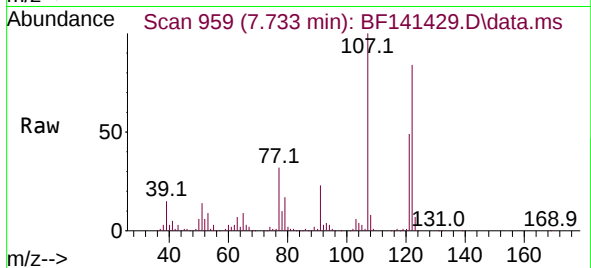
Tgt Ion:122 Resp: 203182

Ion Ratio Lower Upper

122 100

107 119.3 89.9 134.9

121 58.9 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 42.008 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.018 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

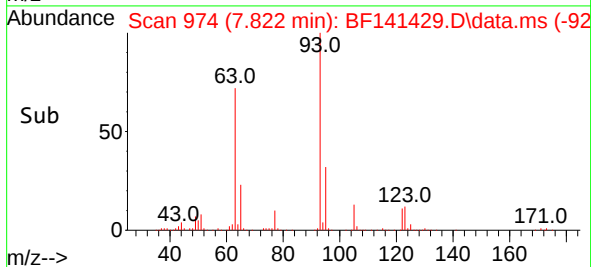
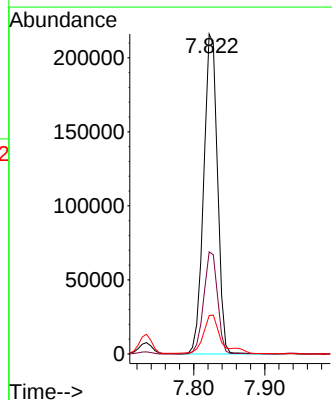
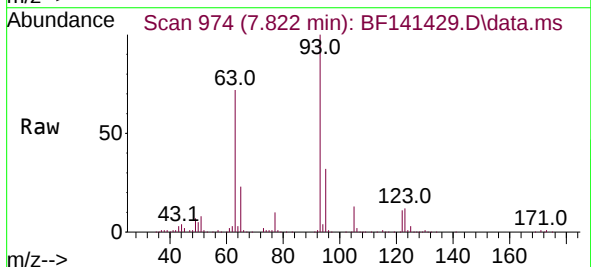
Tgt Ion: 93 Resp: 292603

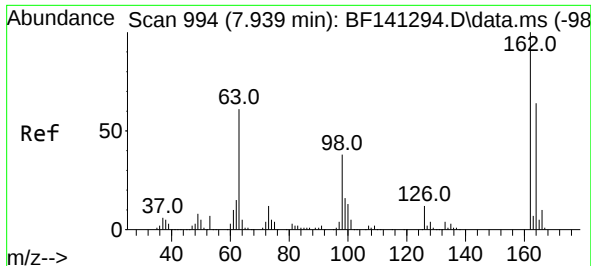
Ion Ratio Lower Upper

93 100

95 31.9 26.2 39.2

123 12.0 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 43.439 ng

RT: 7.939 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

Instrument :

BNA_F

ClientSampleId :

72-11984MSD

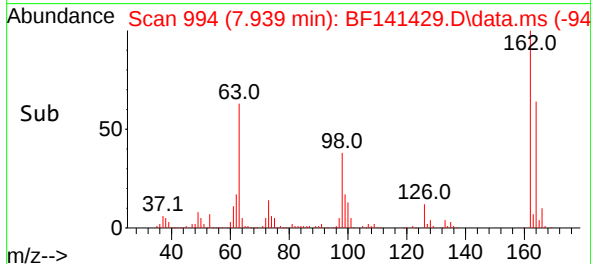
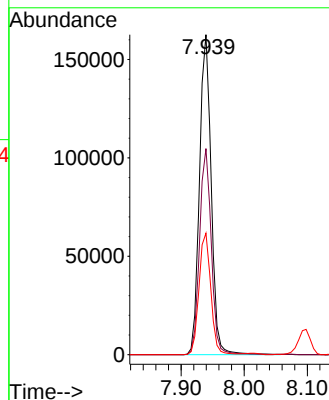
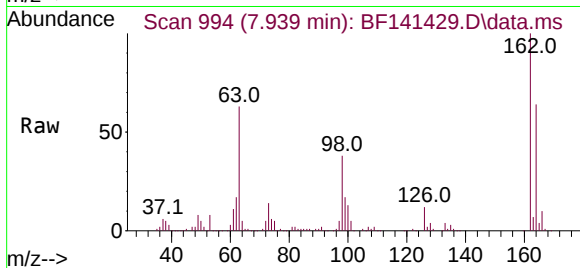
Tgt Ion:162 Resp: 208984

Ion Ratio Lower Upper

162 100

164 64.4 44.2 84.2

98 38.0 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 41.924 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

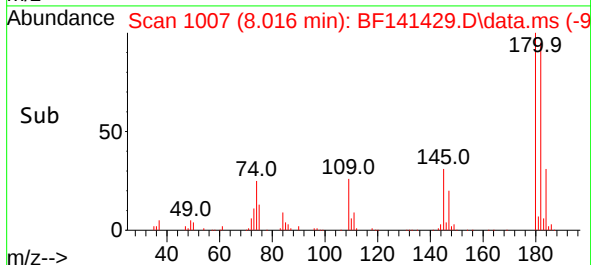
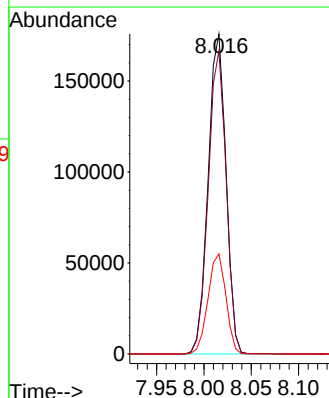
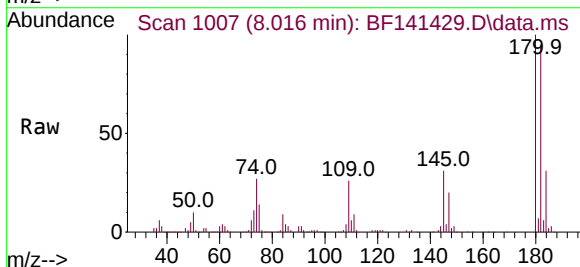
Tgt Ion:180 Resp: 230343

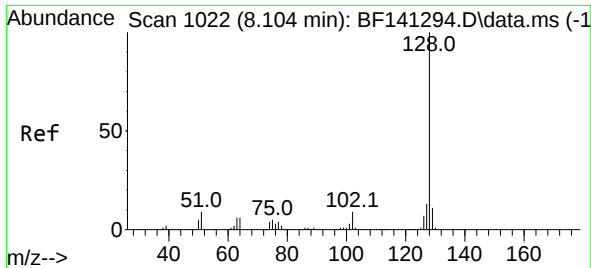
Ion Ratio Lower Upper

180 100

182 94.7 76.4 114.6

145 31.3 24.9 37.3

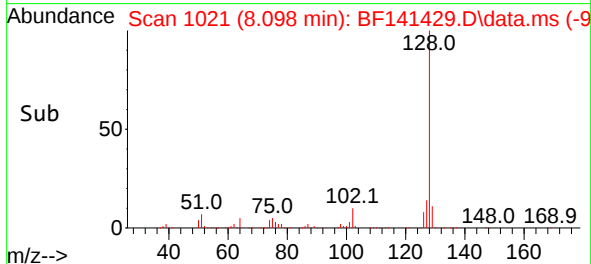
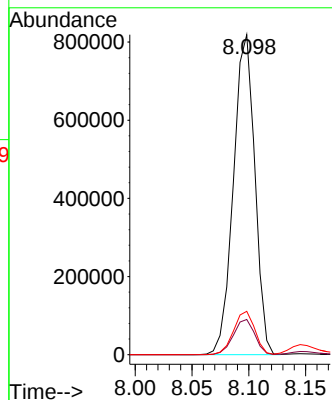
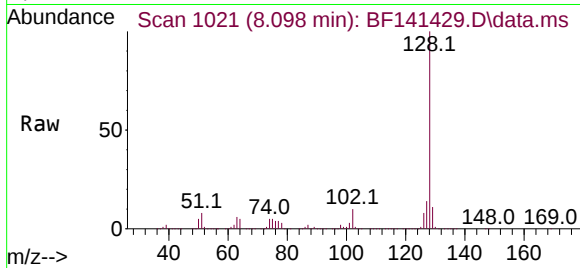




#31
Naphthalene
Concen: 60.947 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

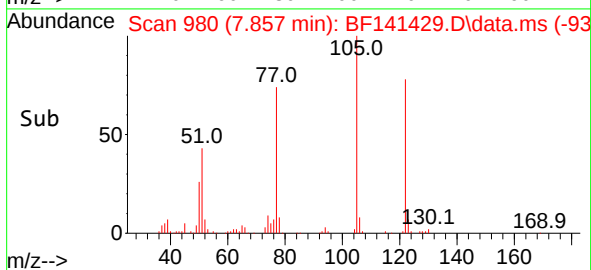
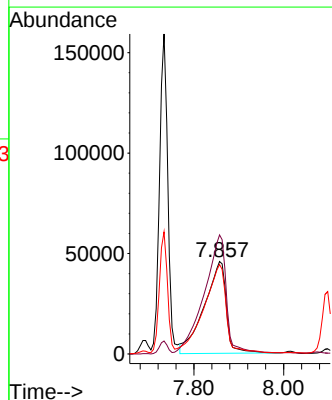
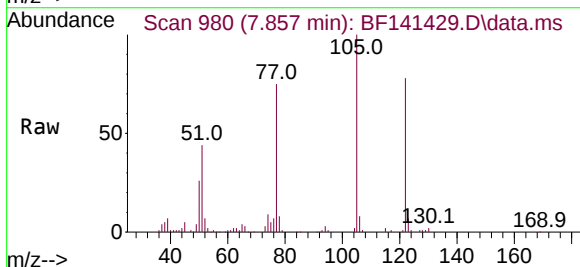
Instrument :
BNA_F
ClientSampleId :
72-11984MSD

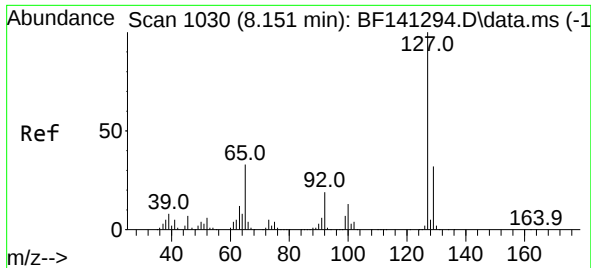
Tgt Ion:128 Resp: 1072213
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.6 10.6 15.8



#32
Benzoic acid
Concen: 43.275 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.024 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion:122 Resp: 156334
Ion Ratio Lower Upper
122 100
105 128.6 103.4 143.4
77 96.6 70.9 110.9

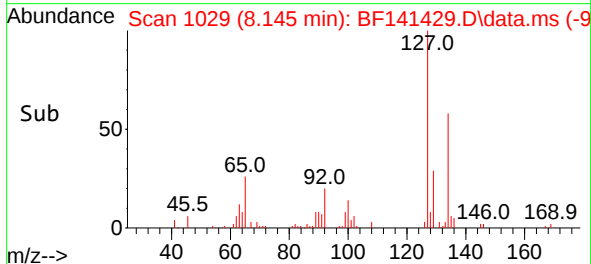
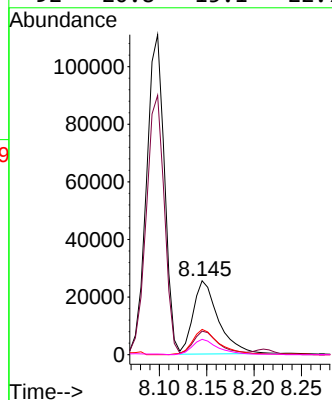
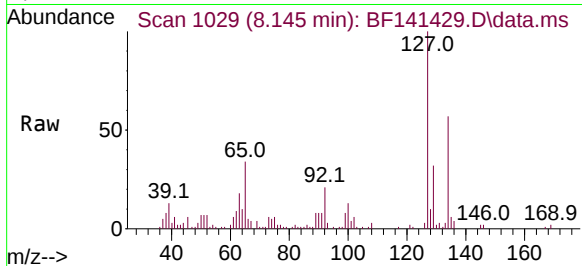




#33
4-Chloroaniline
Concen: 7.839 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

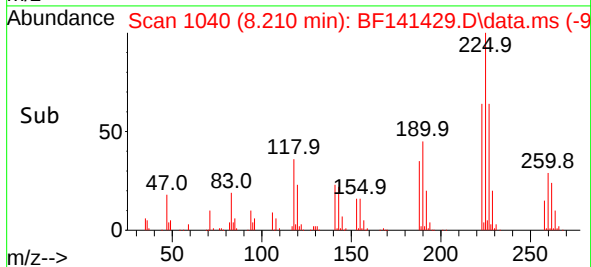
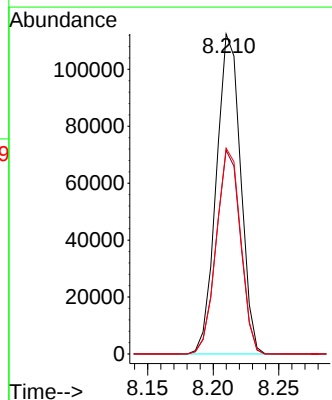
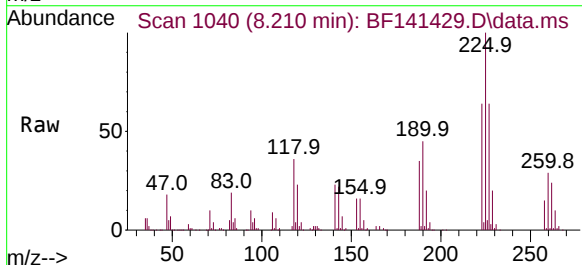
Instrument :
BNA_F
ClientSampleId :
72-11984MSD

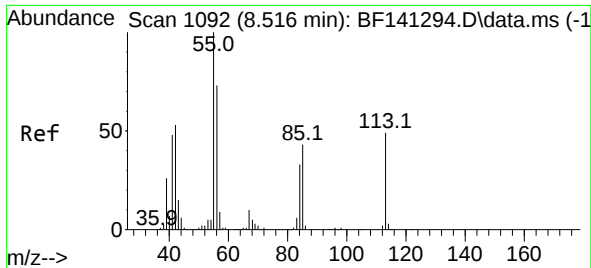
Tgt Ion:	127	Resp:	46766
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	34.2	26.4	39.6
92	20.8	15.1	22.7



#34
Hexachlorobutadiene
Concen: 44.793 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion:	225	Resp:	144325
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.4	75.6
227	64.3	51.3	76.9

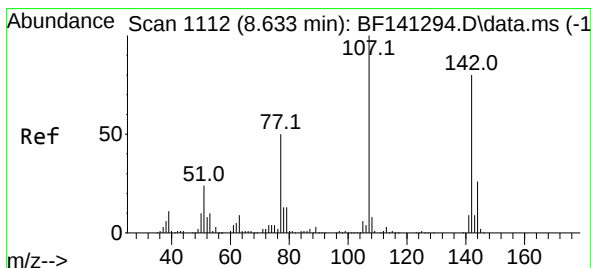
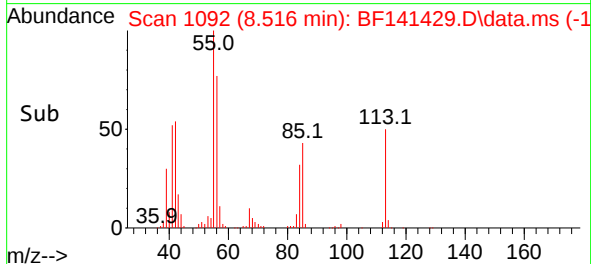
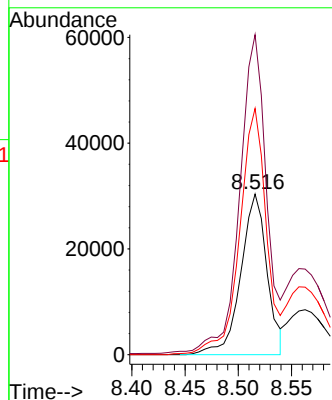
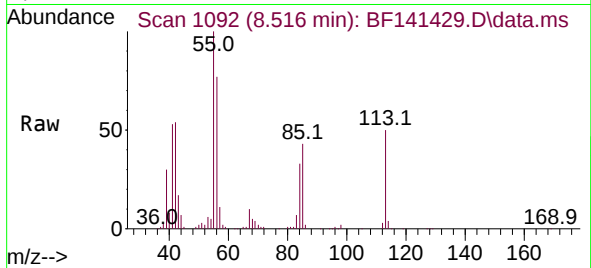




#35
 Caprolactam
 Concen: 33.207 ng
 RT: 8.516 min Scan# 1092
 Delta R.T. -0.030 min
 Lab File: BF141429.D
 Acq: 05 Feb 2025 00:22

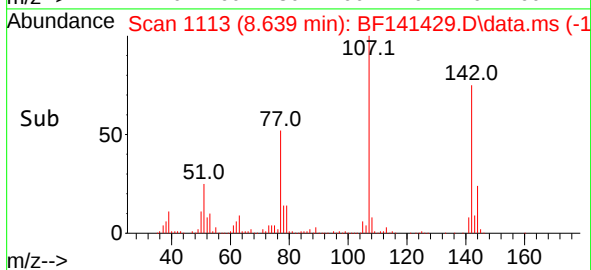
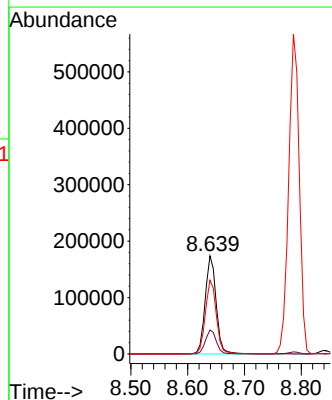
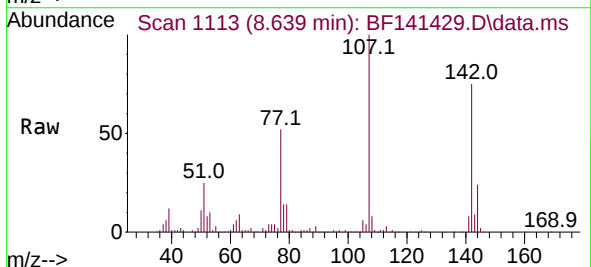
Instrument :
 BNA_F
 ClientSampleId :
 72-11984MSD

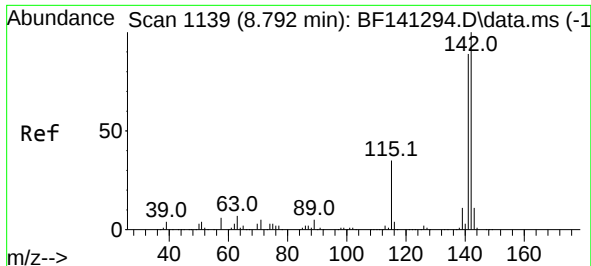
Tgt Ion:113 Resp: 52175
 Ion Ratio Lower Upper
 113 100
 55 199.2 182.9 222.9
 56 153.3 127.9 167.9



#36
 4-Chloro-3-methylphenol
 Concen: 45.147 ng
 RT: 8.639 min Scan# 1113
 Delta R.T. -0.000 min
 Lab File: BF141429.D
 Acq: 05 Feb 2025 00:22

Tgt Ion:107 Resp: 232982
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.7 31.1
 142 75.2 63.8 95.8

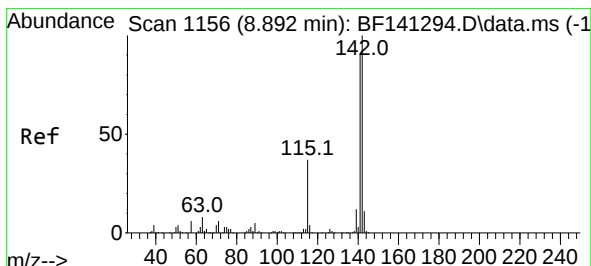
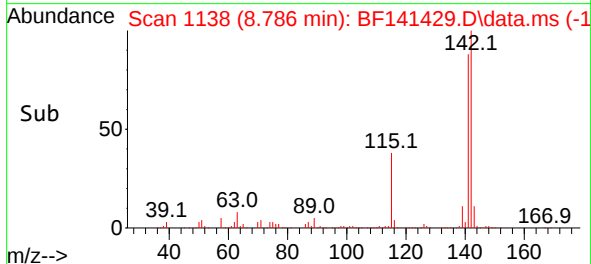
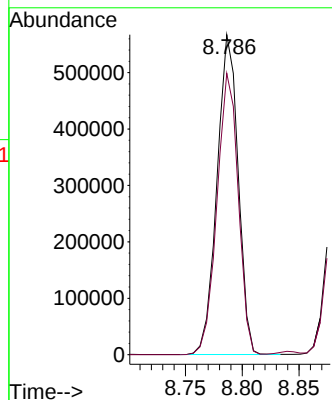
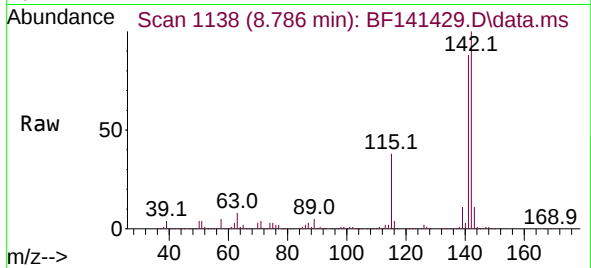




#37
2-Methylnaphthalene
Concen: 65.786 ng
RT: 8.786 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

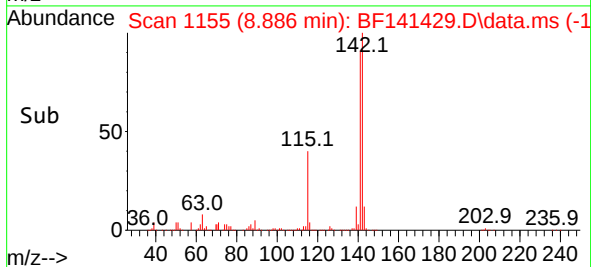
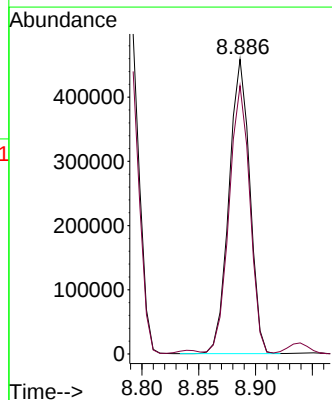
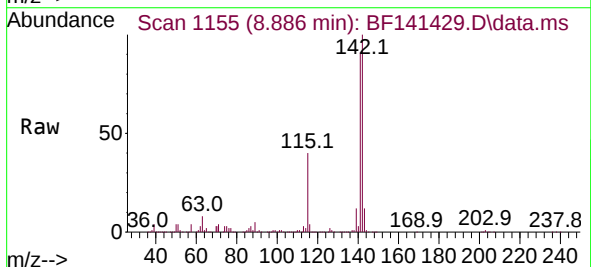
Instrument :
BNA_F
ClientSampleId :
72-11984MSD

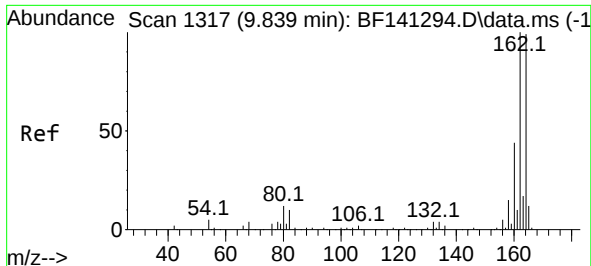
Tgt Ion:142 Resp: 735591
Ion Ratio Lower Upper
142 100
141 87.9 71.3 106.9



#38
1-Methylnaphthalene
Concen: 53.137 ng
RT: 8.886 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion:142 Resp: 583648
Ion Ratio Lower Upper
142 100
141 91.0 73.2 109.8

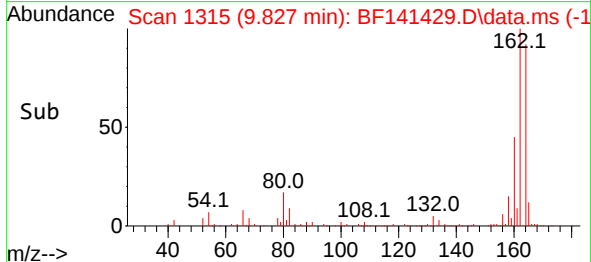
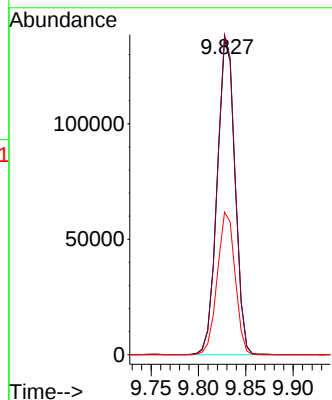
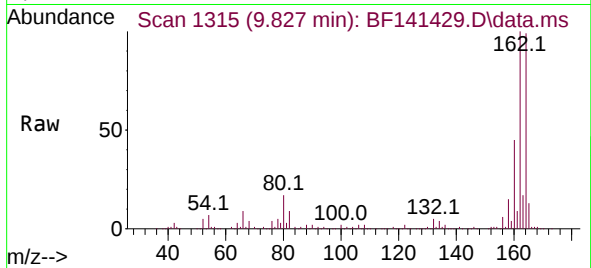




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1115
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

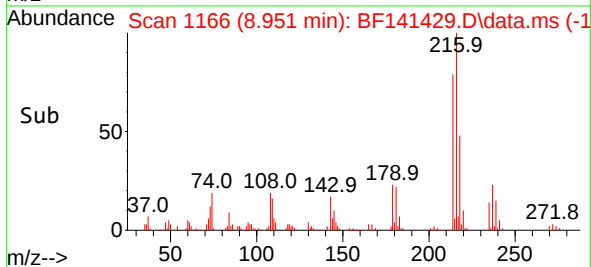
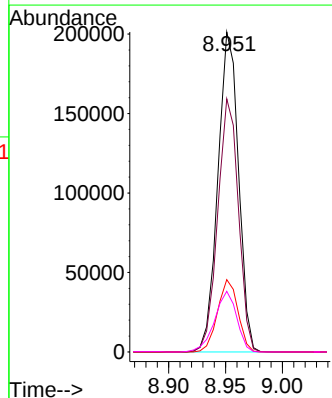
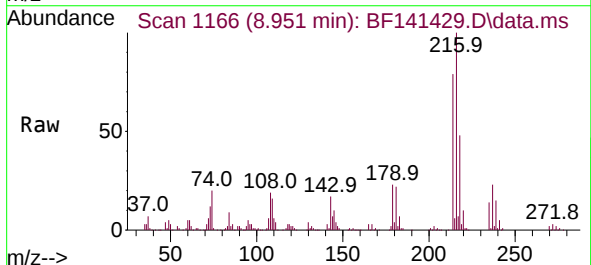
Instrument :
BNA_F
ClientSampleId :
72-11984MSD

Tgt Ion:164 Resp: 178834
Ion Ratio Lower Upper
164 100
162 101.4 80.6 121.0
160 45.2 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.988 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion:216 Resp: 254322
Ion Ratio Lower Upper
216 100
214 79.2 63.2 94.8
179 22.4 17.8 26.8
108 20.3 15.0 22.6

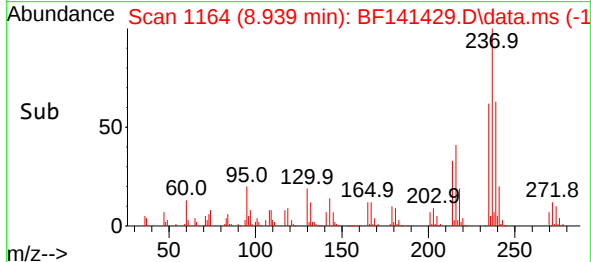
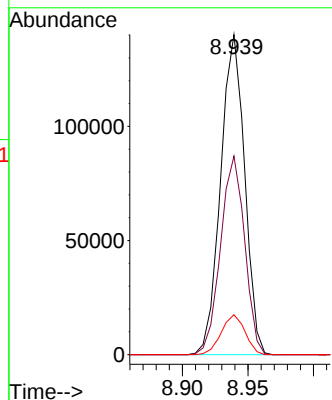
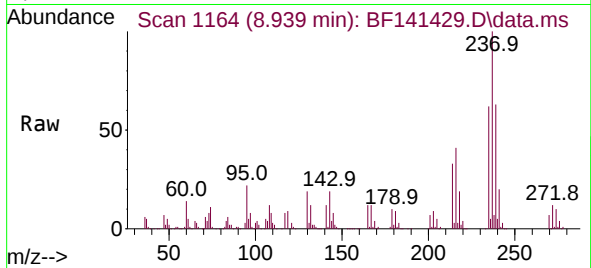




#41
Hexachlorocyclopentadiene
Concen: 118.579 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

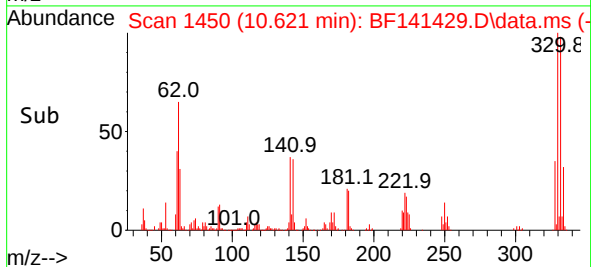
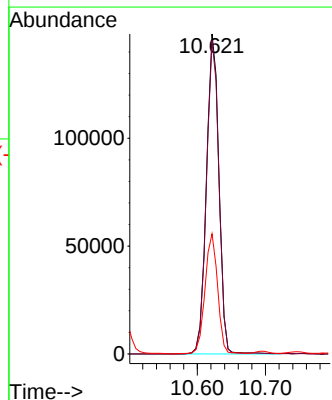
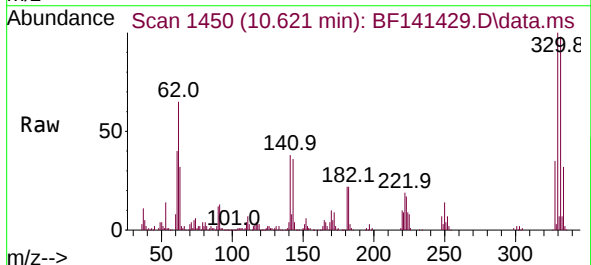
Instrument :
BNA_F
ClientSampleId :
72-11984MSD

Tgt Ion:237 Resp: 178167
Ion Ratio Lower Upper
237 100
235 62.1 42.9 82.9
272 12.5 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 115.321 ng
RT: 10.621 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion:330 Resp: 189068
Ion Ratio Lower Upper
330 100
332 97.3 76.1 114.1
141 38.2 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 44.630 ng

RT: 9.069 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

Instrument :

BNA_F

ClientSampleId :

72-11984MSD

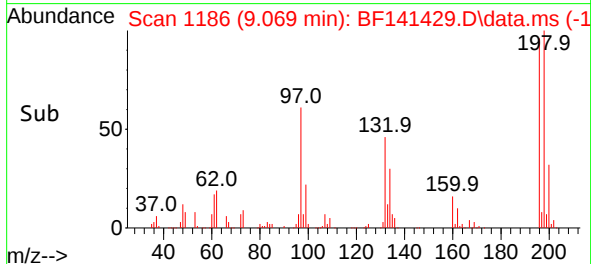
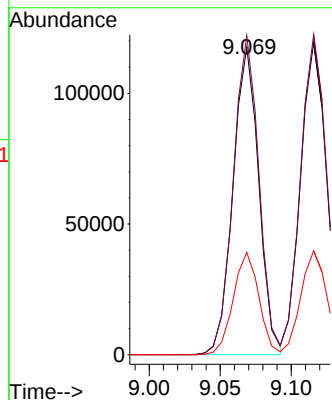
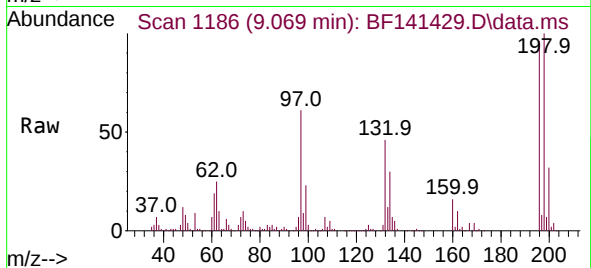
Tgt Ion:196 Resp: 148619

Ion Ratio Lower Upper

196 100

198 103.7 81.8 122.6

200 33.3 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 43.156 ng

RT: 9.116 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

Tgt Ion:196 Resp: 156413

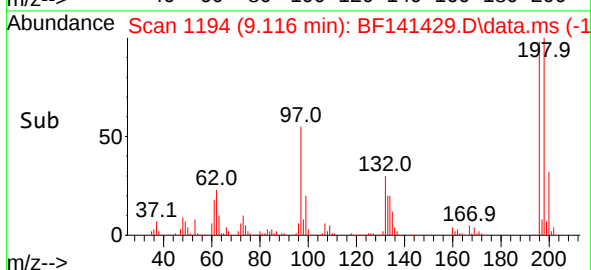
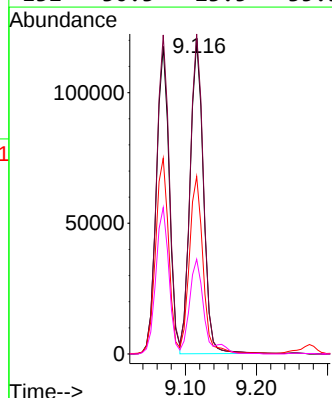
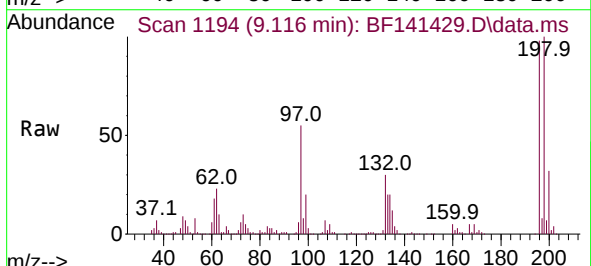
Ion Ratio Lower Upper

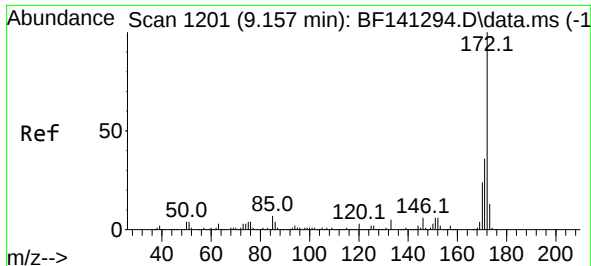
196 100

198 102.4 80.5 120.7

97 56.8 42.8 64.2

132 30.3 23.5 35.3

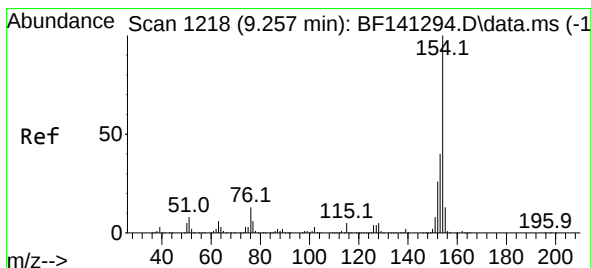
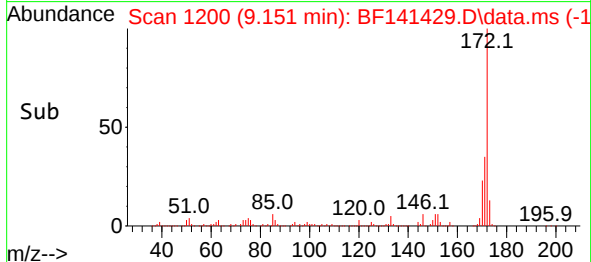
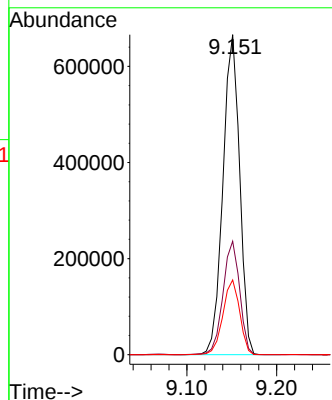
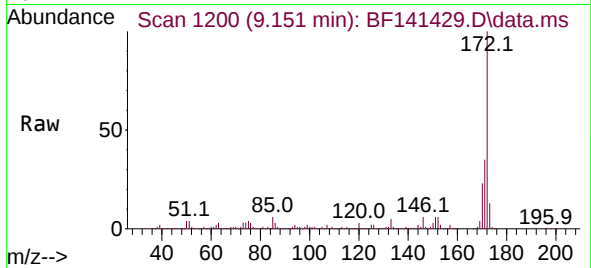




#45
2-Fluorobiphenyl
Concen: 74.110 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

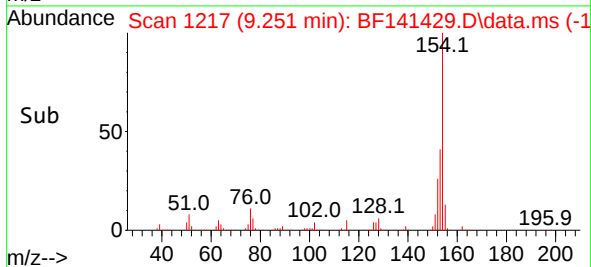
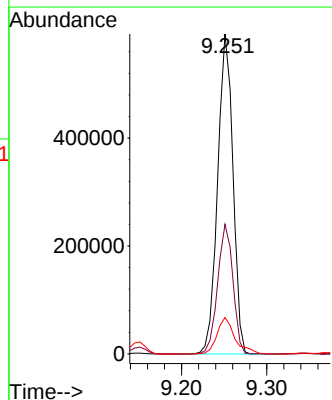
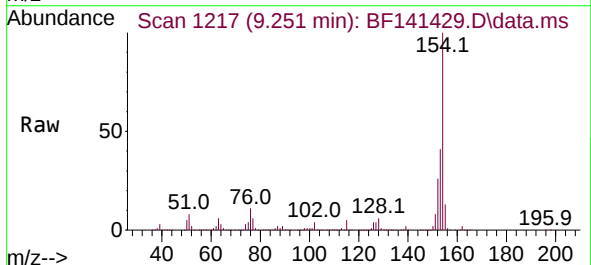
Instrument :
BNA_F
ClientSampleId :
72-11984MSD

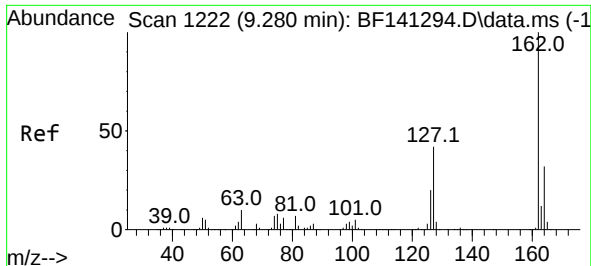
Tgt Ion:172 Resp: 861061
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.3 19.0 28.6



#46
1,1'-Biphenyl
Concen: 53.046 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion:154 Resp: 739826
Ion Ratio Lower Upper
154 100
153 40.5 20.0 60.0
76 11.4 0.0 32.8





#47

2-Chloronaphthalene

Concen: 41.910 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

Instrument :

BNA_F

ClientSampleId :

72-11984MSD

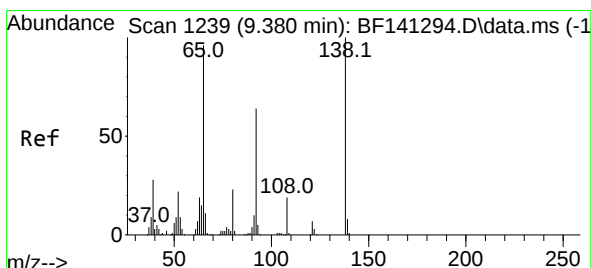
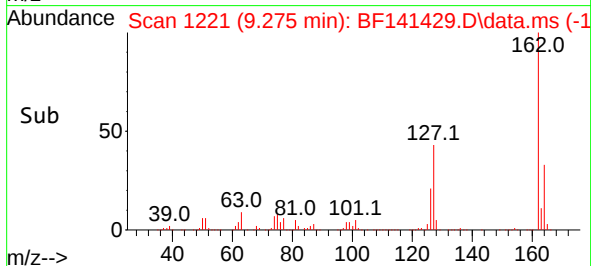
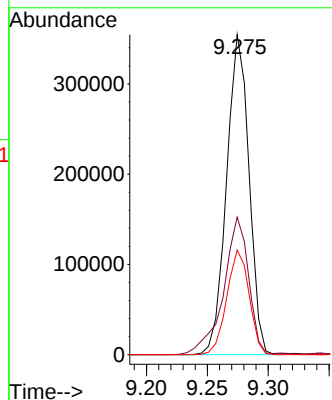
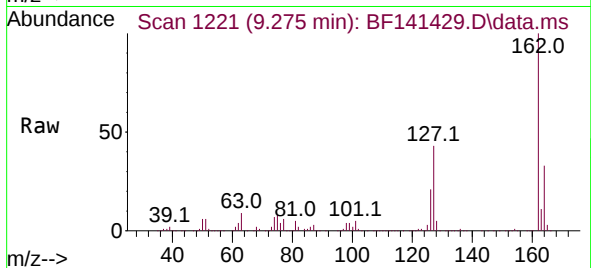
Tgt Ion:162 Resp: 455594

Ion Ratio Lower Upper

162 100

127 43.0 33.7 50.5

164 32.7 25.9 38.9



#48

2-Nitroaniline

Concen: 45.090 ng

RT: 9.374 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

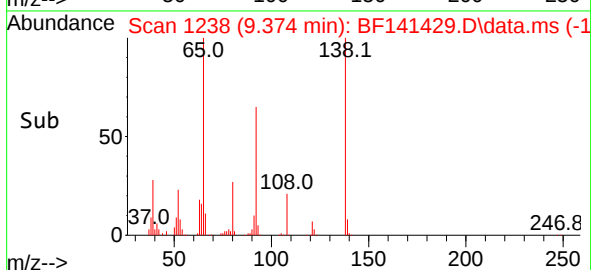
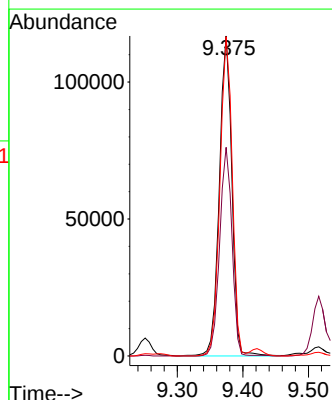
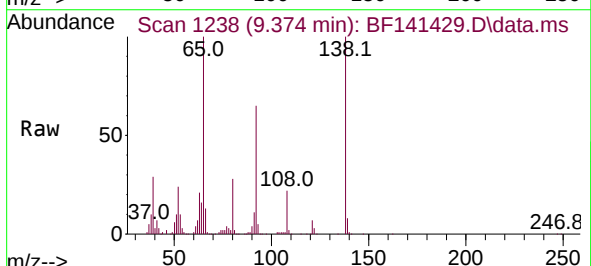
Tgt Ion: 65 Resp: 154176

Ion Ratio Lower Upper

65 100

92 65.2 53.3 79.9

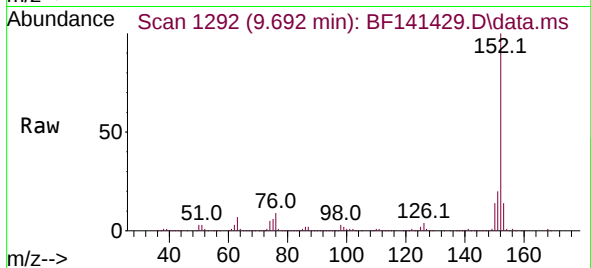
138 99.8 83.6 125.4



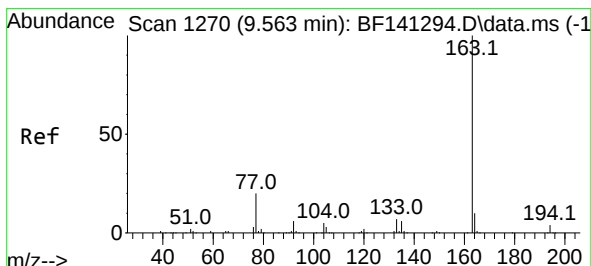
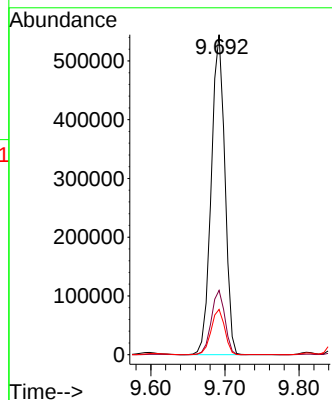
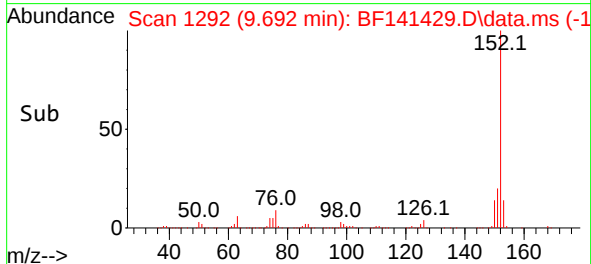


#49
Acenaphthylene
Concen: 45.571 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

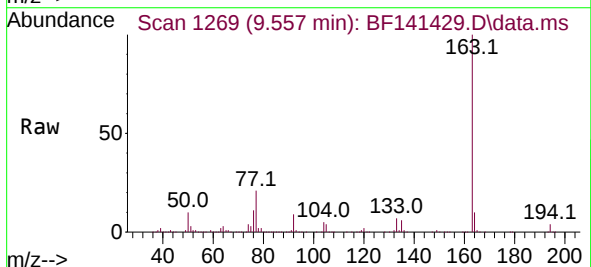
Instrument :
BNA_F
ClientSampleId :
72-11984MSD



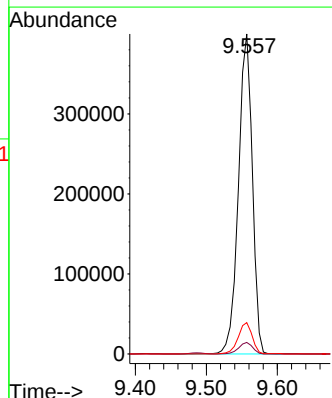
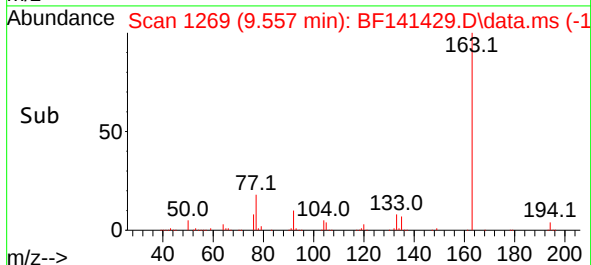
Tgt Ion:152 Resp: 693470
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 14.2 11.0 16.6



#50
Dimethylphthalate
Concen: 45.142 ng
RT: 9.557 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22



Tgt Ion:163 Resp: 545241
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.8 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 41.825 ng

RT: 9.616 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

Instrument :

BNA_F

ClientSampleId :

72-11984MSD

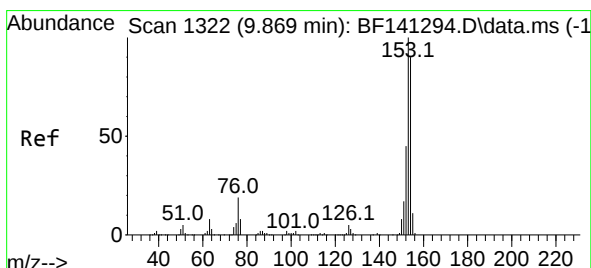
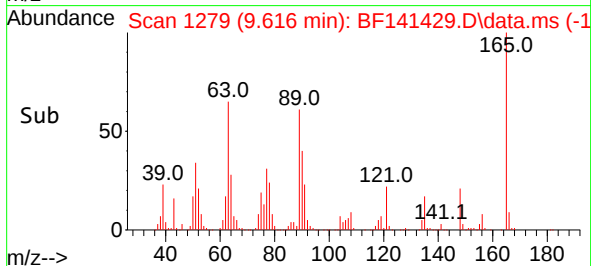
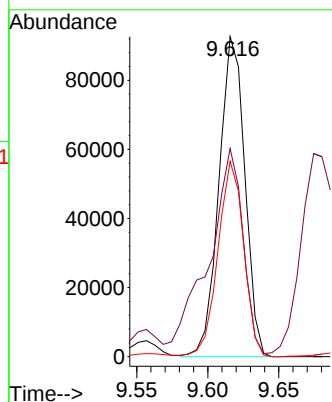
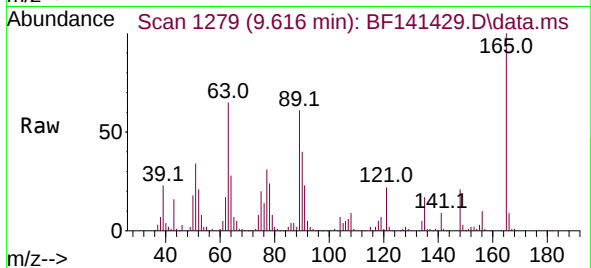
Tgt Ion:165 Resp: 117297

Ion Ratio Lower Upper

165 100

63 65.1 48.1 72.1

89 61.0 44.9 67.3



#52

Acenaphthene

Concen: 70.589 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.012 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

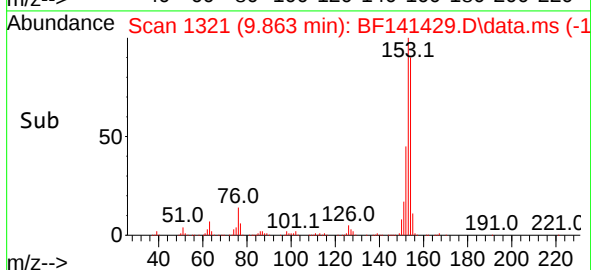
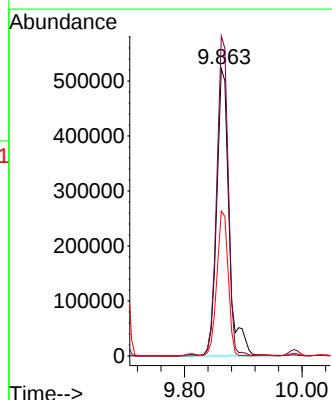
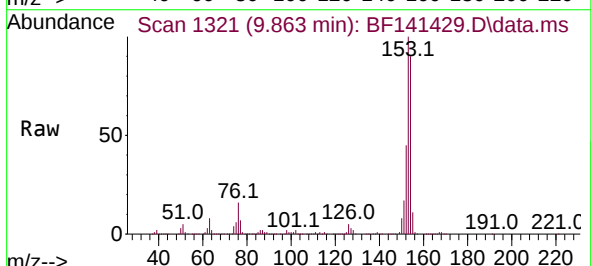
Tgt Ion:154 Resp: 767390

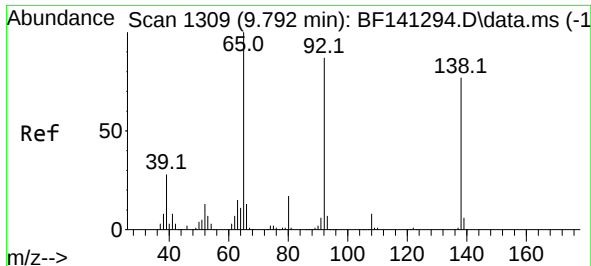
Ion Ratio Lower Upper

154 100

153 111.4 89.0 133.4

152 50.5 40.2 60.4

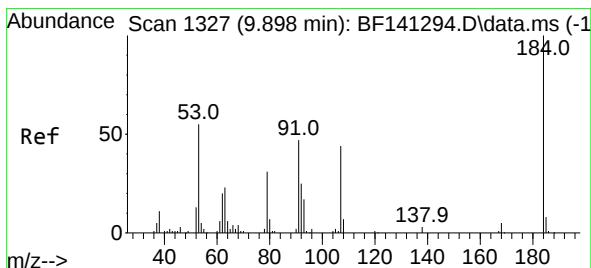
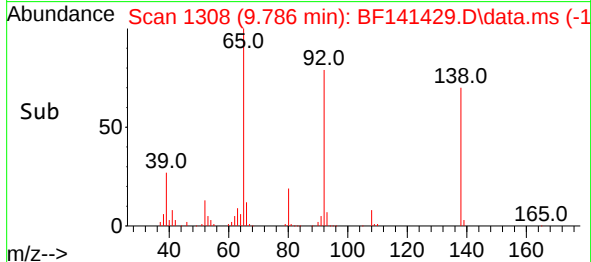
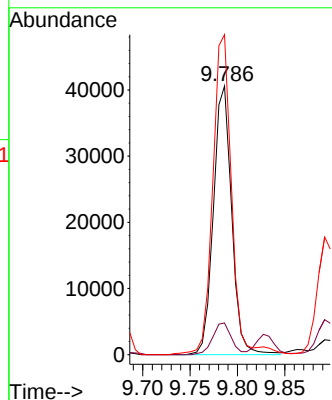
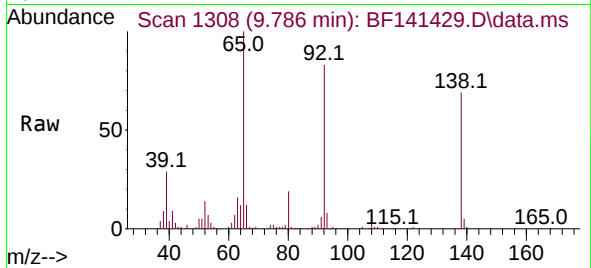




#53
3-Nitroaniline
Concen: 19.861 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

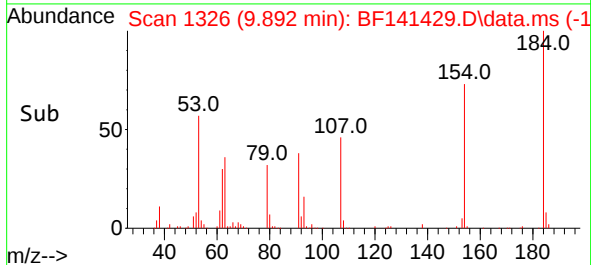
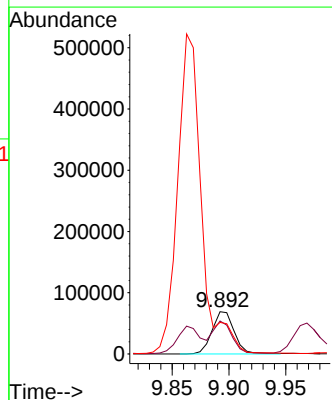
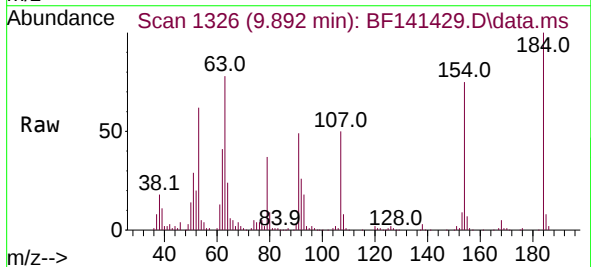
Instrument :
BNA_F
ClientSampleId :
72-11984MSD

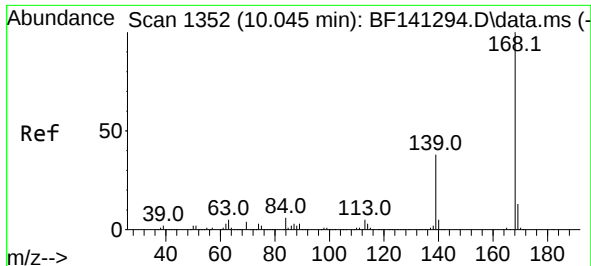
Tgt Ion:138 Resp: 54591
Ion Ratio Lower Upper
138 100
108 11.8 8.6 12.8
92 119.1 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 72.192 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion:184 Resp: 94115
Ion Ratio Lower Upper
184 100
63 77.8 54.1 81.1
154 74.6 50.7 76.1

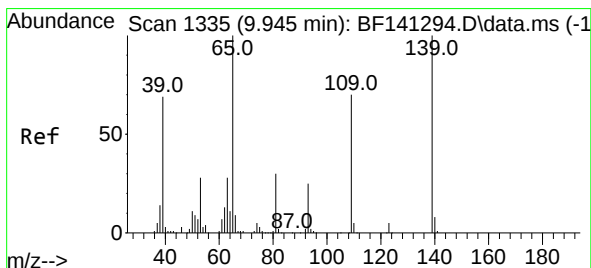
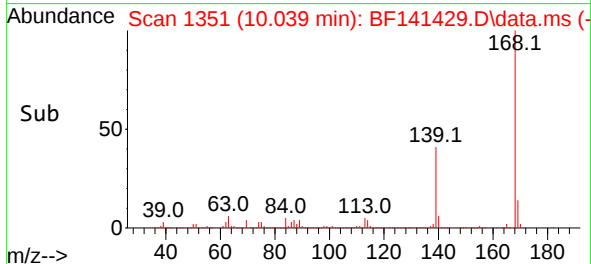
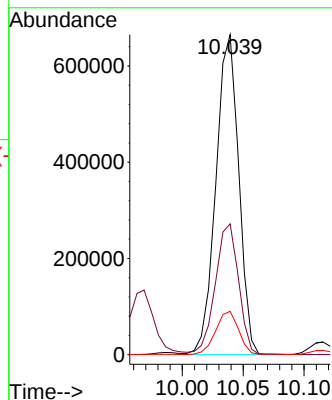
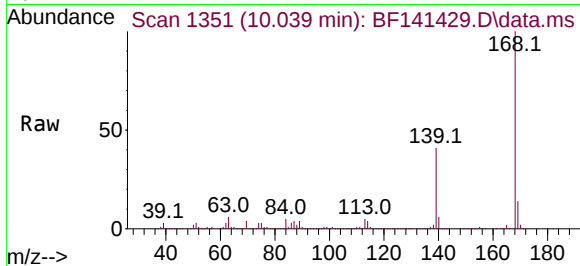




#55
Dibenzenofuran
Concen: 59.530 ng
RT: 10.039 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

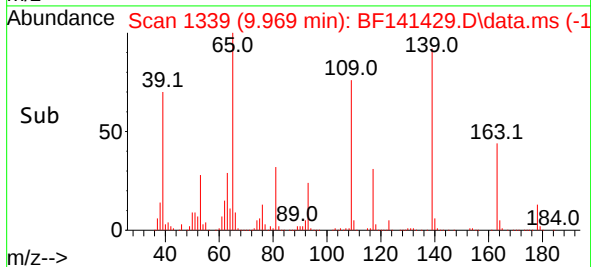
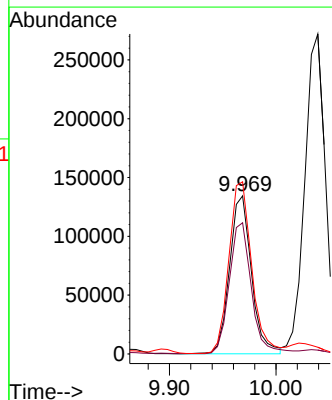
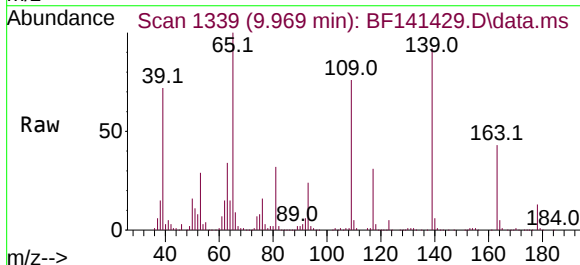
Instrument :
BNA_F
ClientSampleId :
72-11984MSD

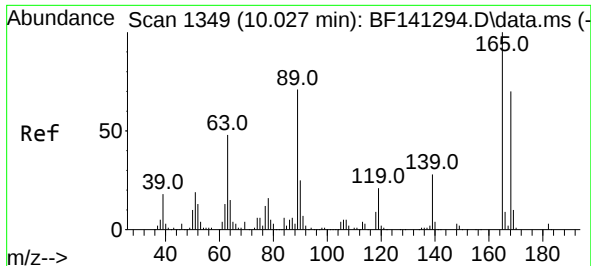
Tgt Ion:168 Resp: 866265
Ion Ratio Lower Upper
168 100
139 40.9 30.6 46.0
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 95.512 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion:139 Resp: 191999
Ion Ratio Lower Upper
139 100
109 82.9 50.2 90.2
65 108.9 80.6 120.6

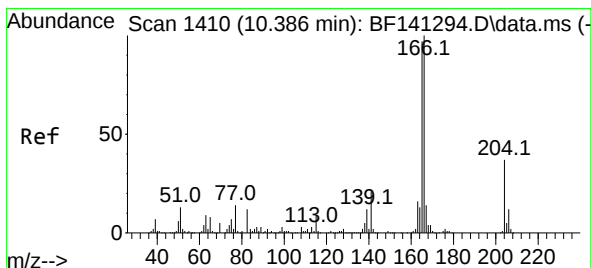
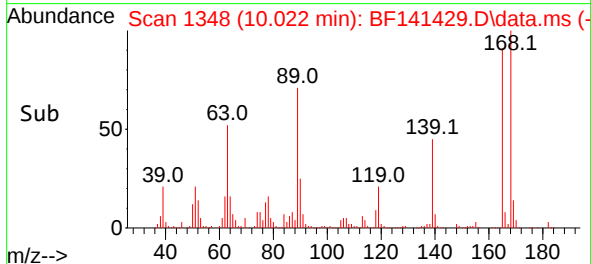
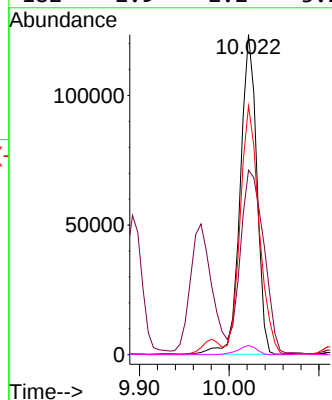
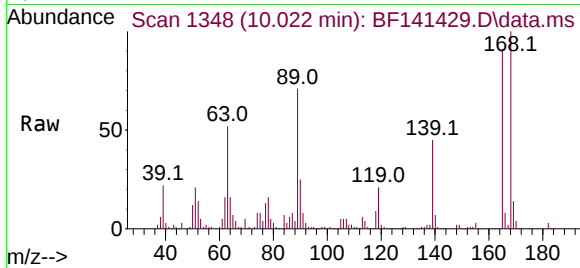




#57
2,4-Dinitrotoluene
Concen: 43.475 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

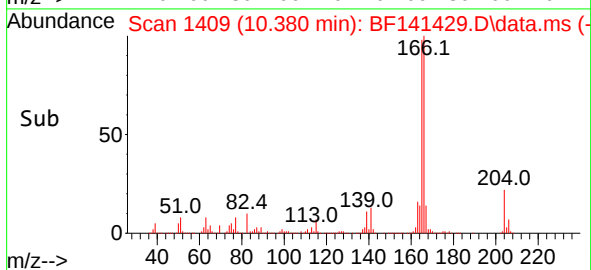
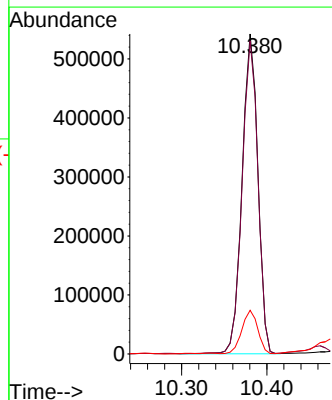
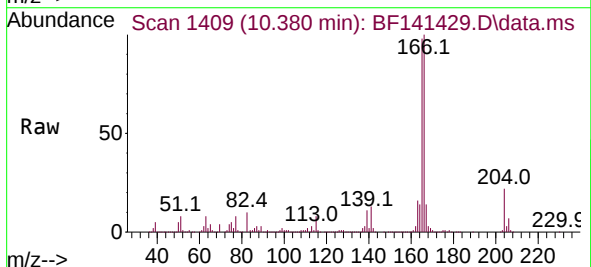
Instrument :
BNA_F
ClientSampleId :
72-11984MSD

Tgt Ion:165 Resp: 157856
Ion Ratio Lower Upper
165 100
63 57.7 39.2 58.8
89 77.7 56.9 85.3
182 2.9 2.2 3.2



#58
Fluorene
Concen: 61.805 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion:166 Resp: 697621
Ion Ratio Lower Upper
166 100
165 97.8 77.5 116.3
167 13.7 10.9 16.3

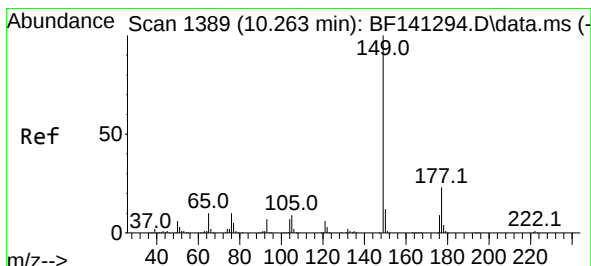
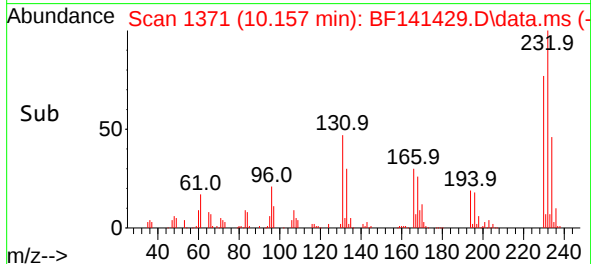
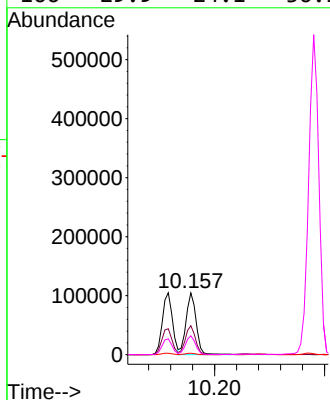
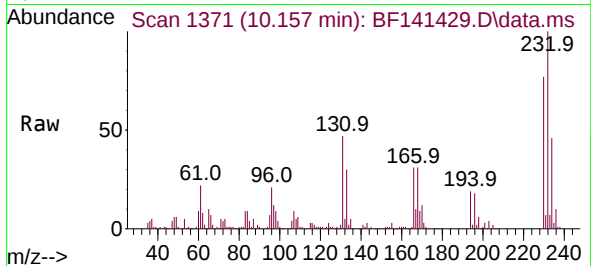




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.892 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

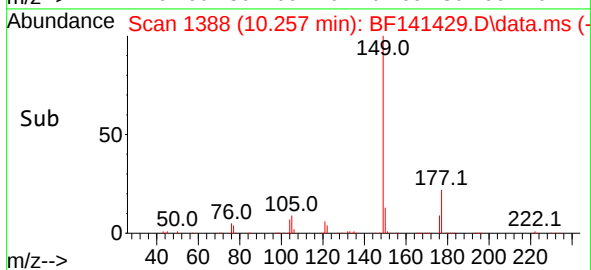
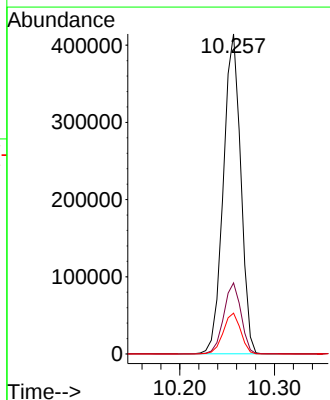
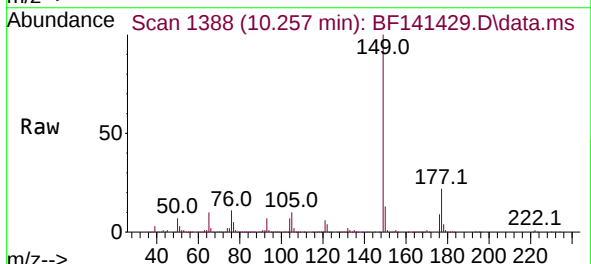
Instrument :
BNA_F
ClientSampleId :
72-11984MSD

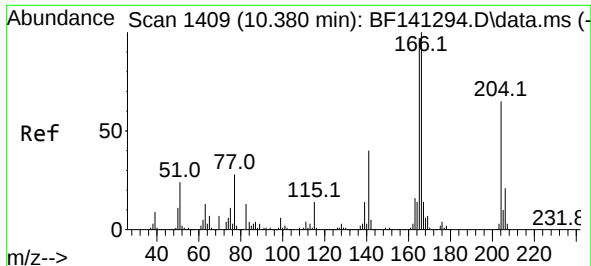
Tgt Ion:232 Resp: 133706
Ion Ratio Lower Upper
232 100
131 46.2 36.4 54.6
130 2.5 1.9 2.9
166 29.9 24.1 36.1



#60
Diethylphthalate
Concen: 45.172 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion:149 Resp: 529025
Ion Ratio Lower Upper
149 100
177 22.2 18.5 27.7
150 12.8 10.0 15.0

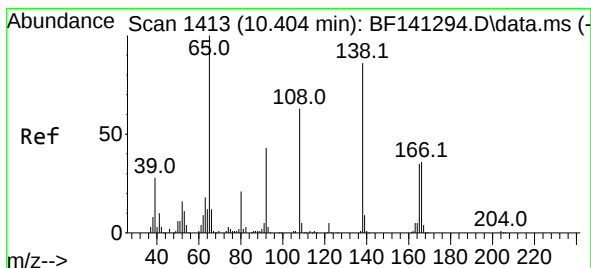
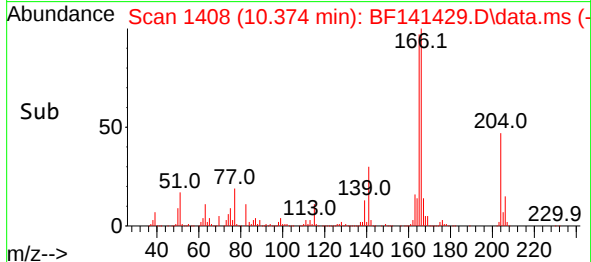
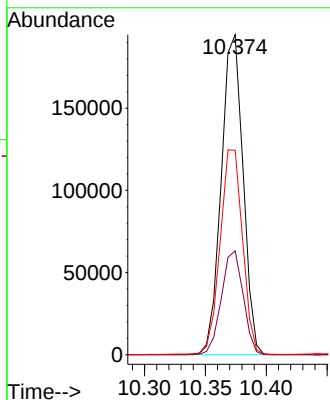
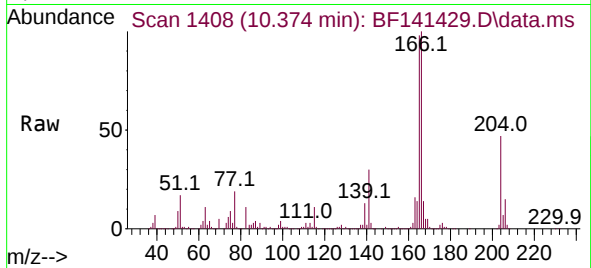




#61
4-Chlorophenyl-phenylether
Concen: 44.070 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

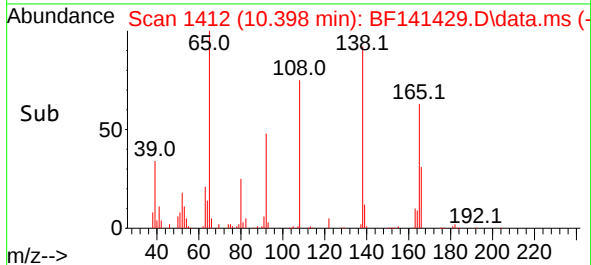
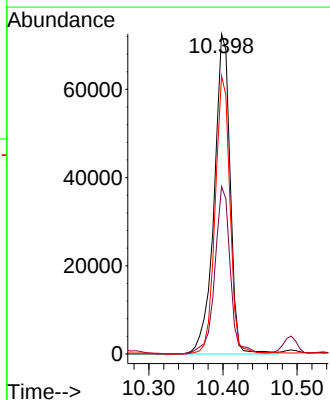
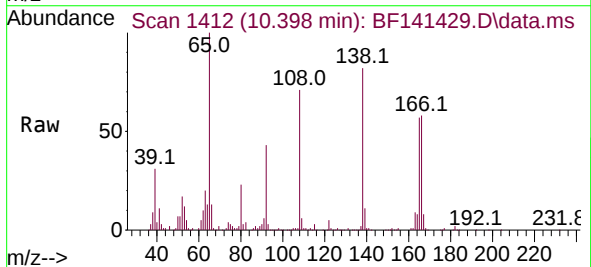
Instrument :
BNA_F
ClientSampleId :
72-11984MSD

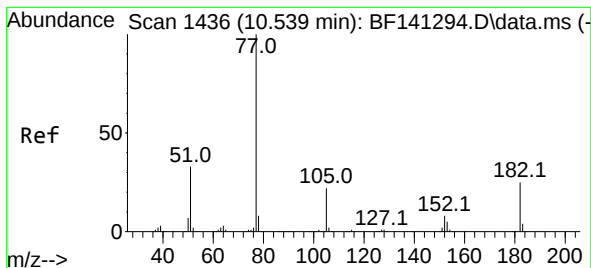
Tgt Ion:204 Resp: 242983
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 63.9 49.5 74.3



#62
4-Nitroaniline
Concen: 40.254 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion:138 Resp: 108779
Ion Ratio Lower Upper
138 100
92 52.3 30.1 70.1
108 87.0 53.1 93.1





#63

Azobenzene

Concen: 51.213 ng

RT: 10.533 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

Instrument :

BNA_F

ClientSampleId :

72-11984MSD

Tgt Ion: 77 Resp: 600365

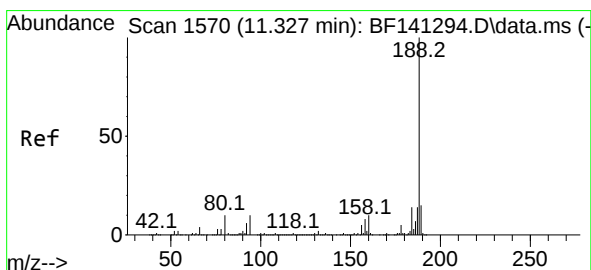
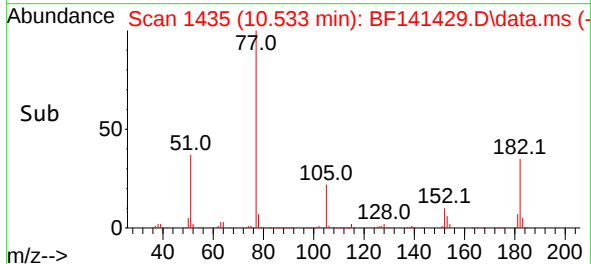
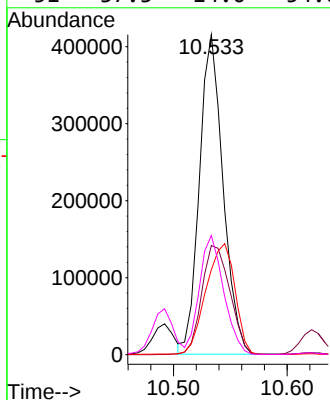
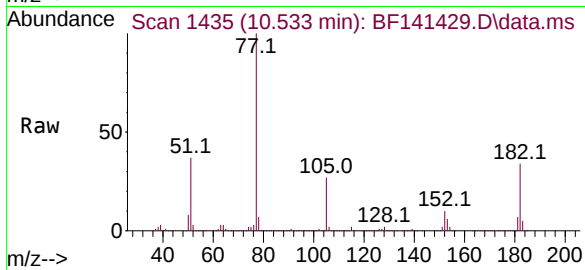
Ion Ratio Lower Upper

77 100

182 34.1 5.1 45.1

105 26.6 1.8 41.8

51 37.3 14.0 54.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1568

Delta R.T. -0.012 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

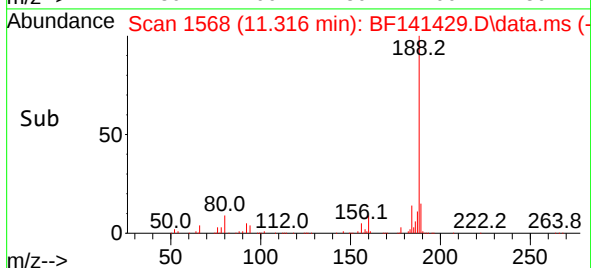
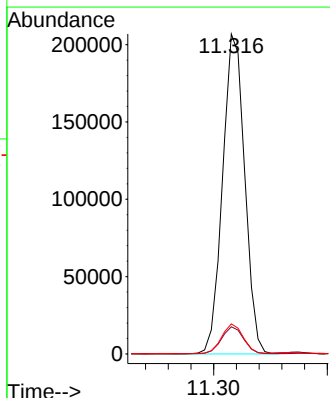
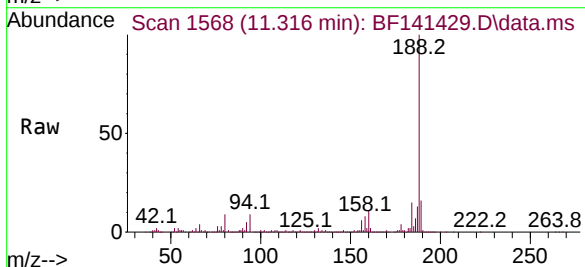
Tgt Ion:188 Resp: 279889

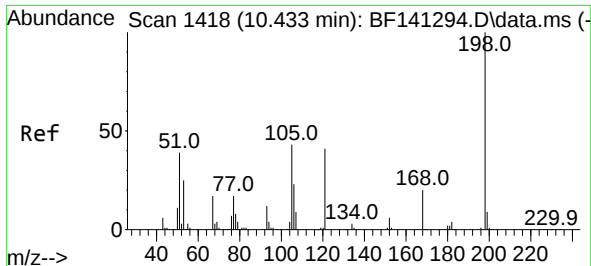
Ion Ratio Lower Upper

188 100

94 8.5 7.8 11.6

80 9.4 8.2 12.4

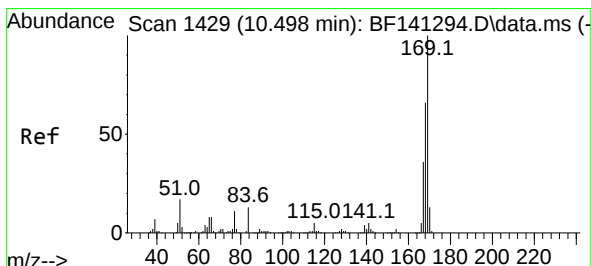
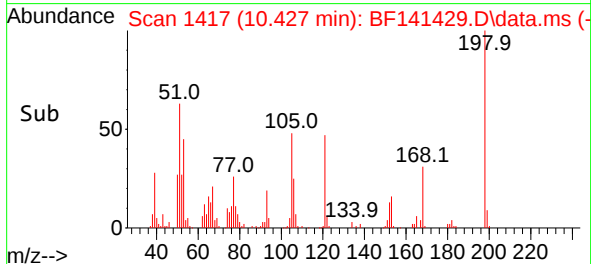
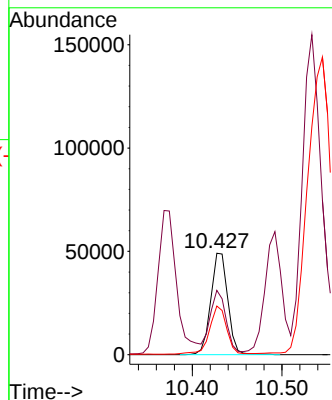
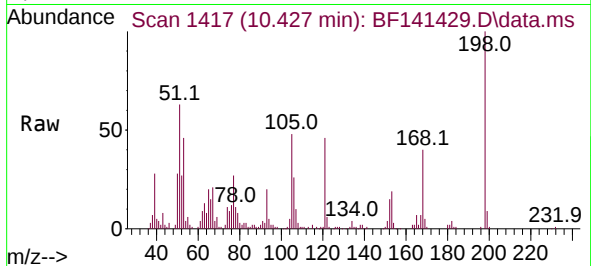




#65
4,6-Dinitro-2-methylphenol
Concen: 39.036 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

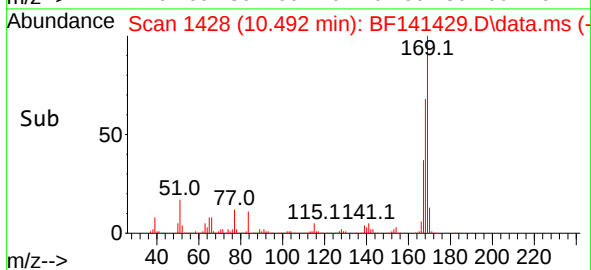
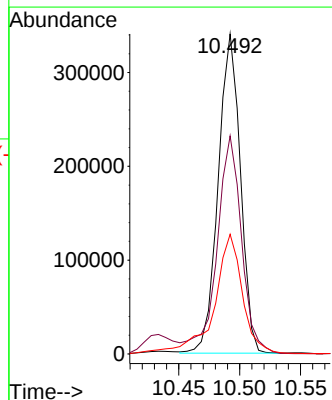
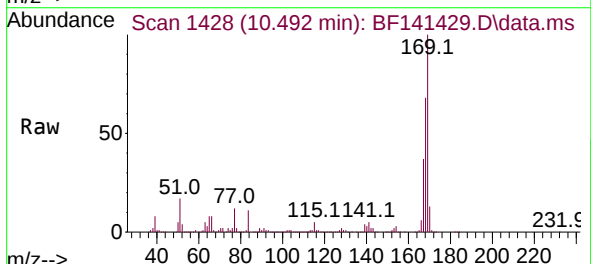
Instrument :
BNA_F
ClientSampleId :
72-11984MSD

Tgt Ion:198 Resp: 64626
Ion Ratio Lower Upper
198 100
51 63.3 33.4 73.4
105 48.0 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 47.674 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion:169 Resp: 431572
Ion Ratio Lower Upper
169 100
168 68.2 53.0 79.4
167 37.4 28.8 43.2

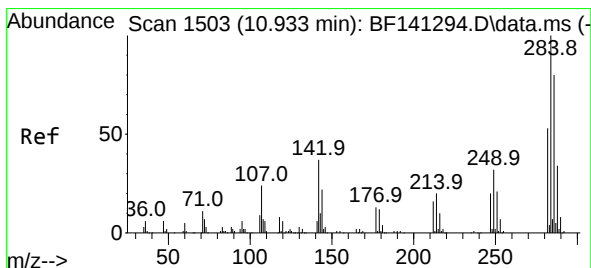
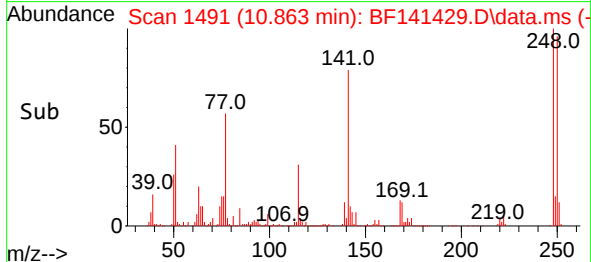
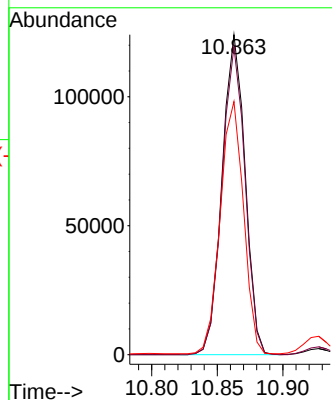
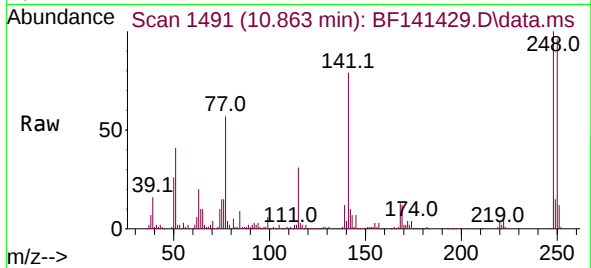




#67
4-Bromophenyl-phenylether
Concen: 48.406 ng
RT: 10.863 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

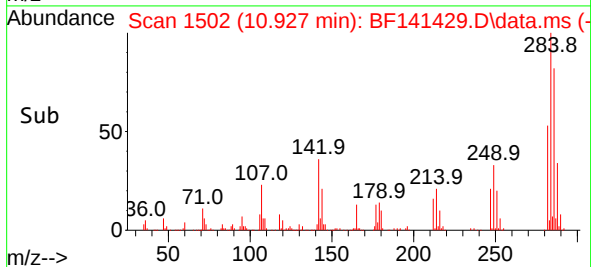
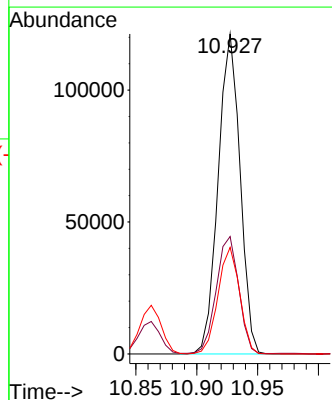
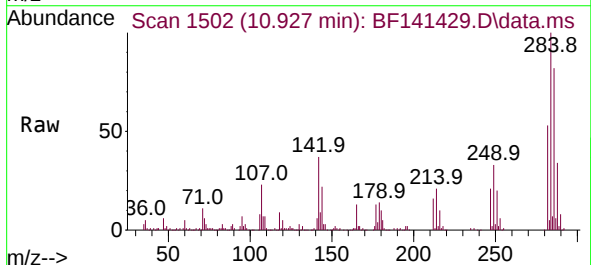
Instrument :
BNA_F
ClientSampleId :
72-11984MSD

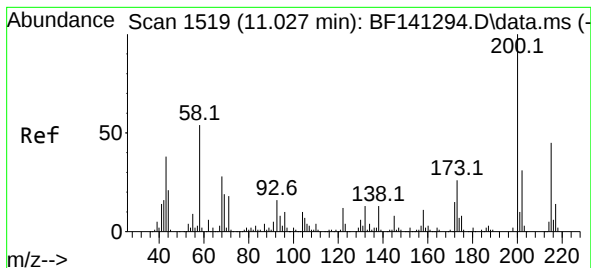
Tgt Ion:248 Resp: 151678
Ion Ratio Lower Upper
248 100
250 96.2 79.0 118.4
141 79.1 63.7 95.5



#68
Hexachlorobenzene
Concen: 45.602 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion:284 Resp: 151574
Ion Ratio Lower Upper
284 100
142 36.7 29.5 44.3
249 33.3 25.4 38.2





#69

Atrazine

Concen: 53.375 ng

RT: 11.021 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

Instrument :

BNA_F

ClientSampleId :

72-11984MSD

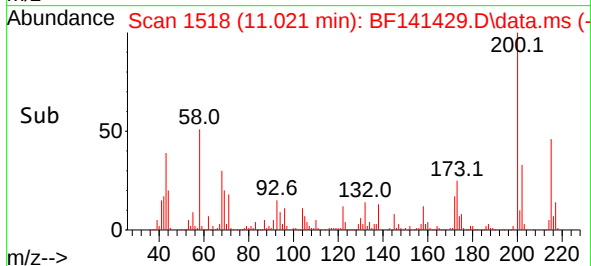
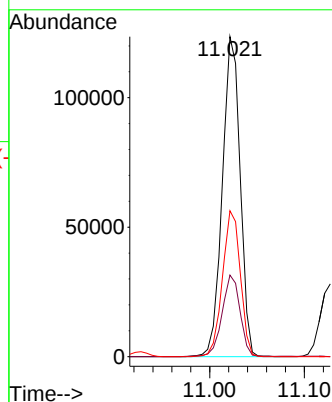
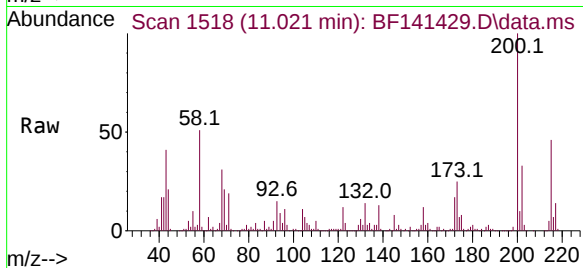
Tgt Ion:200 Resp: 161551

Ion Ratio Lower Upper

200 100

173 25.5 5.9 45.9

215 45.6 25.2 65.2



#70

Pentachlorophenol

Concen: 98.521 ng

RT: 11.127 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

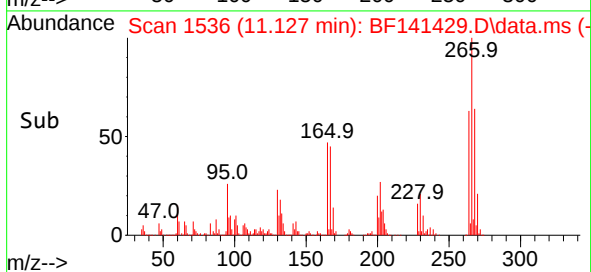
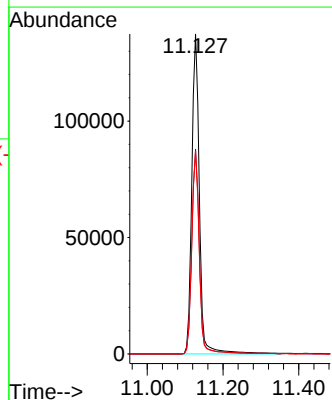
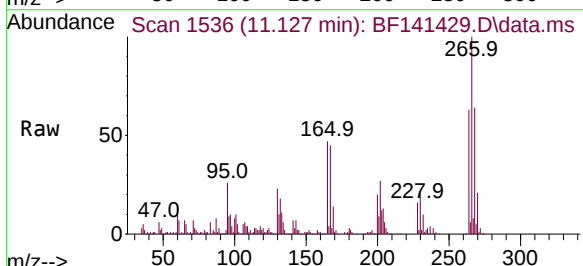
Tgt Ion:266 Resp: 191758

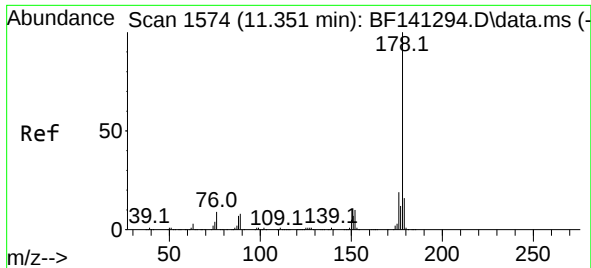
Ion Ratio Lower Upper

266 100

268 64.1 49.9 74.9

264 63.4 51.0 76.4

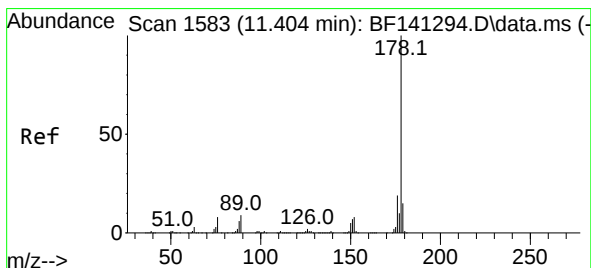
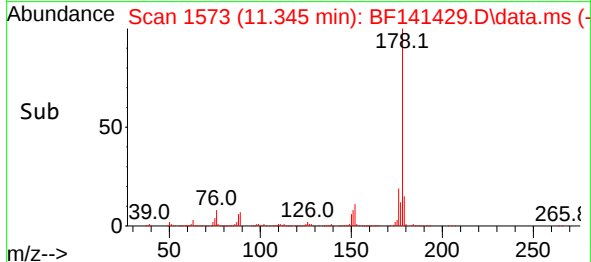
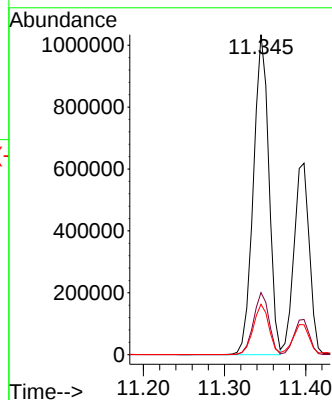
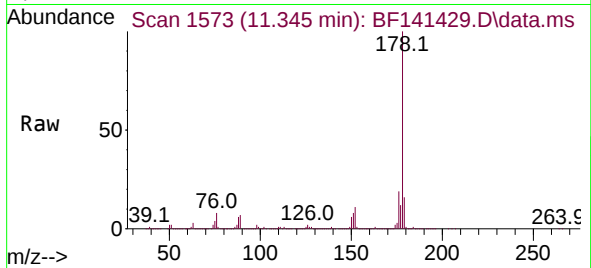




#71
Phenanthrene
Concen: 90.861 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

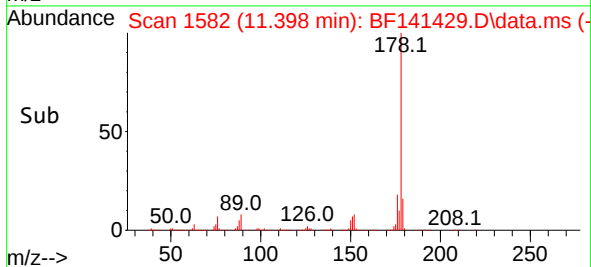
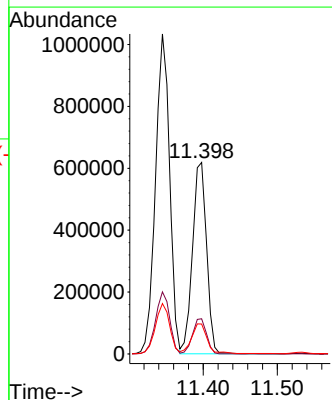
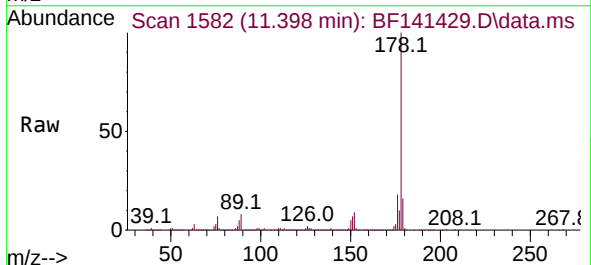
Instrument :
BNA_F
ClientSampleId :
72-11984MSD

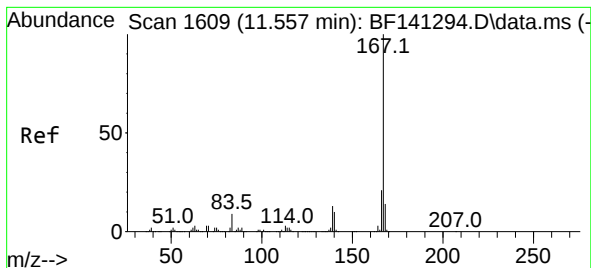
Tgt Ion:178 Resp: 1367014
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.7 12.5 18.7



#72
Anthracene
Concen: 55.198 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion:178 Resp: 813707
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 15.7 12.3 18.5





#73

Carbazole

Concen: 48.572 ng

RT: 11.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

Instrument :

BNA_F

ClientSampleId :

72-11984MSD

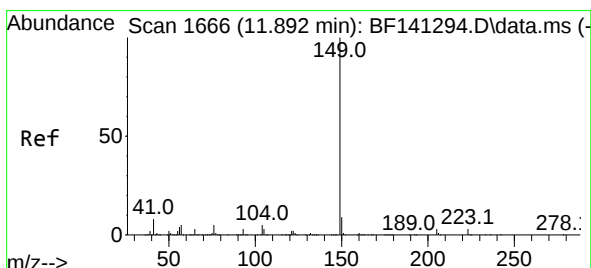
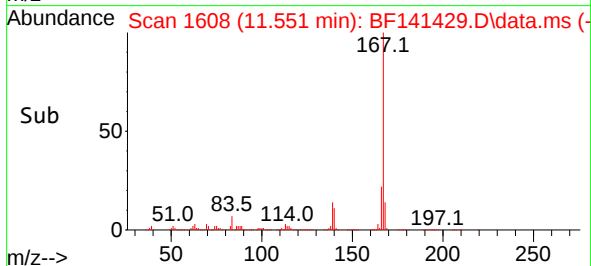
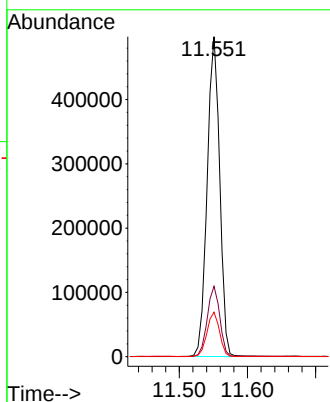
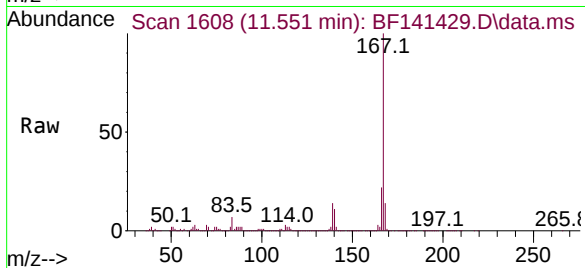
Tgt Ion:167 Resp: 634916

Ion Ratio Lower Upper

167 100

166 22.0 17.0 25.6

139 13.9 10.6 16.0



#74

Di-n-butylphthalate

Concen: 49.981 ng

RT: 11.880 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

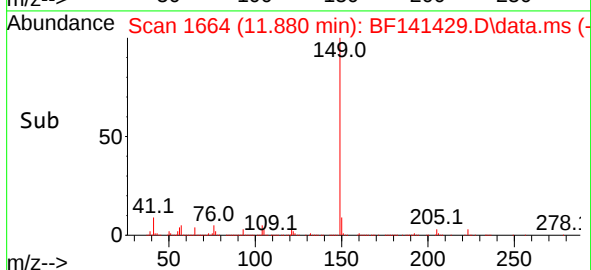
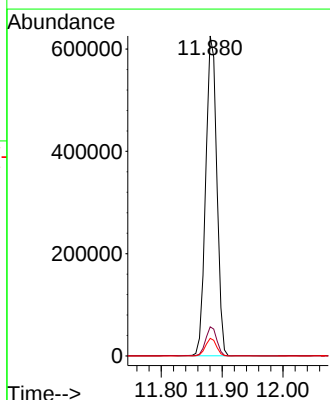
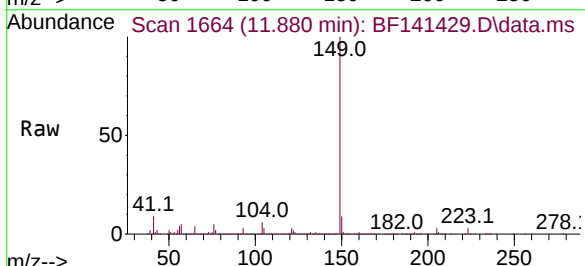
Tgt Ion:149 Resp: 791767

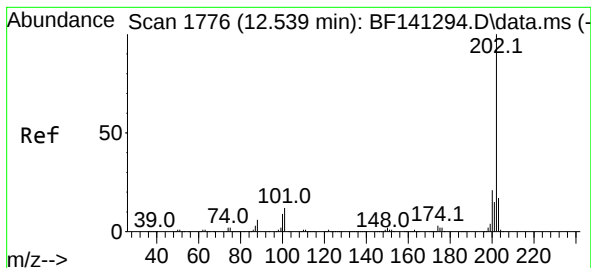
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.5 3.9 5.9





#75

Fluoranthene

Concen: 63.244 ng

RT: 12.533 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

Instrument :

BNA_F

ClientSampleId :

72-11984MSD

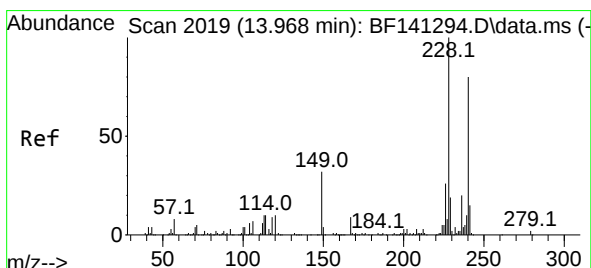
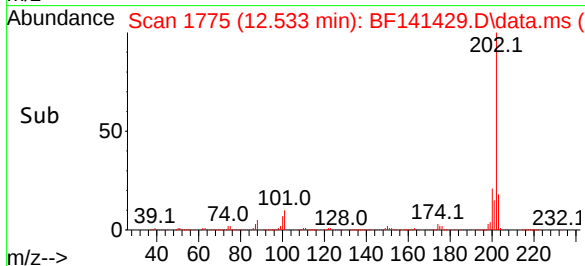
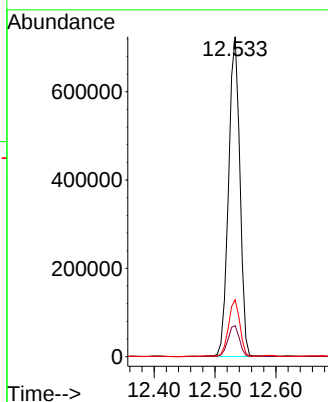
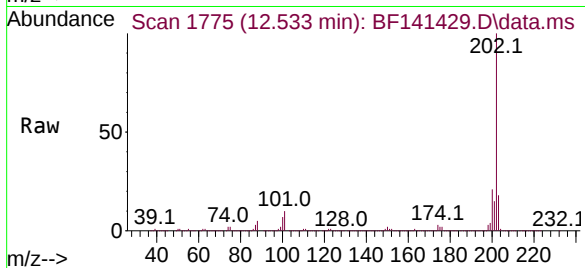
Tgt Ion:202 Resp: 939512

Ion Ratio Lower Upper

202 100

101 9.7 0.0 31.7

203 17.8 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

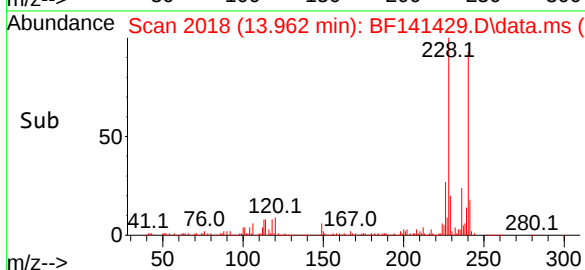
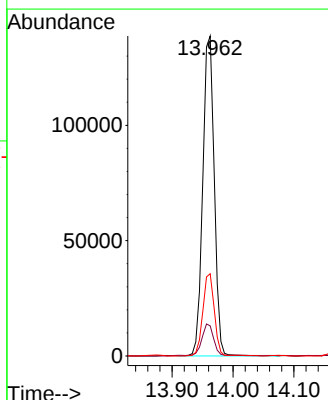
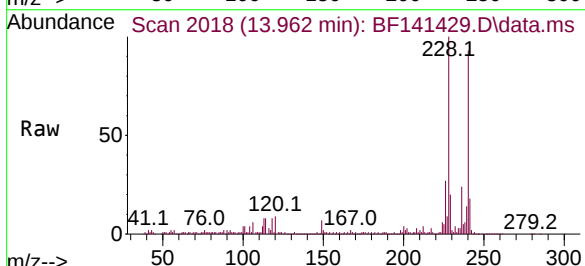
Tgt Ion:240 Resp: 182626

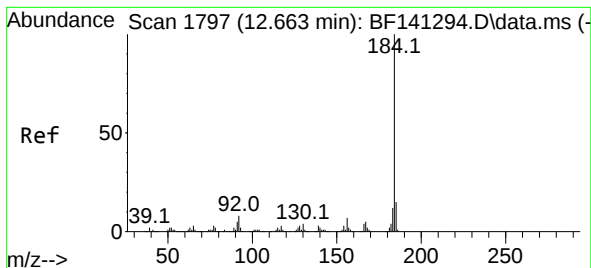
Ion Ratio Lower Upper

240 100

120 9.4 10.0 15.0#

236 25.7 19.7 29.5





#77

Benzidine

Concen: 35.574 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

Instrument :

BNA_F

ClientSampleId :

72-11984MSD

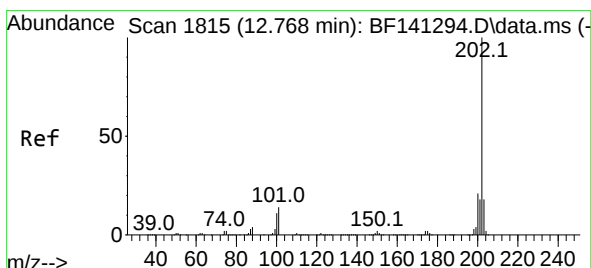
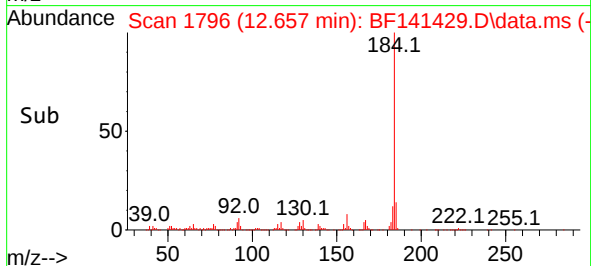
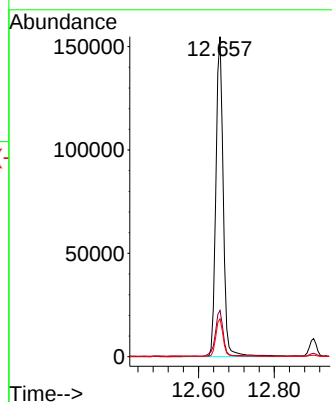
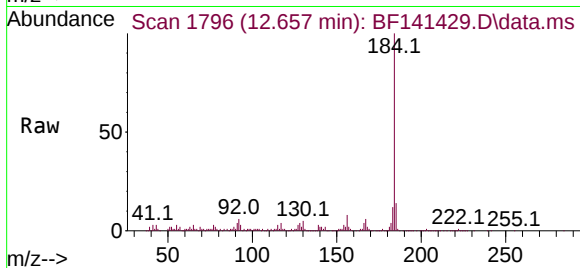
Tgt Ion:184 Resp: 208275

Ion Ratio Lower Upper

184 100

185 14.4 11.9 17.9

183 11.8 9.5 14.3



#78

Pyrene

Concen: 48.700 ng

RT: 12.763 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

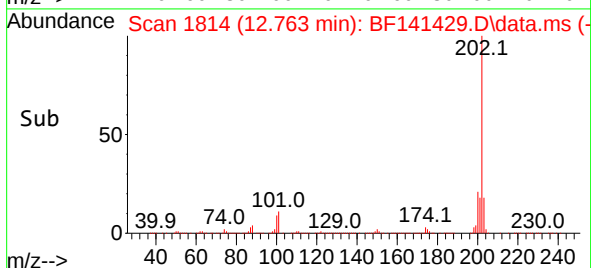
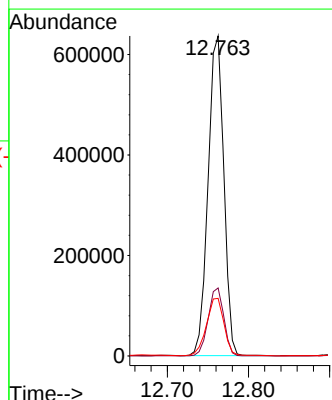
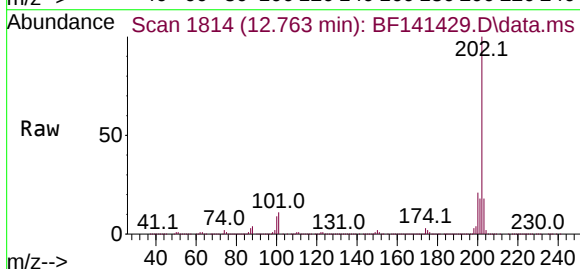
Tgt Ion:202 Resp: 853725

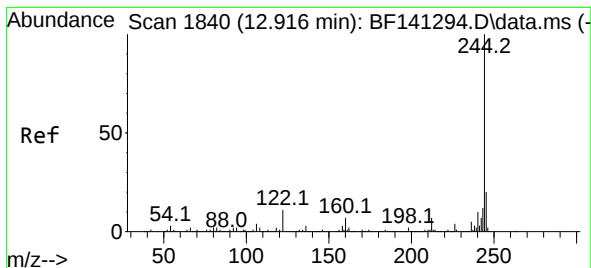
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

203 18.0 14.3 21.5





#79

Terphenyl-d14

Concen: 64.491 ng

RT: 12.904 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

Instrument :

BNA_F

ClientSampleId :

72-11984MSD

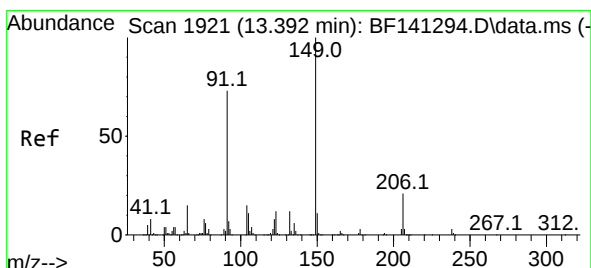
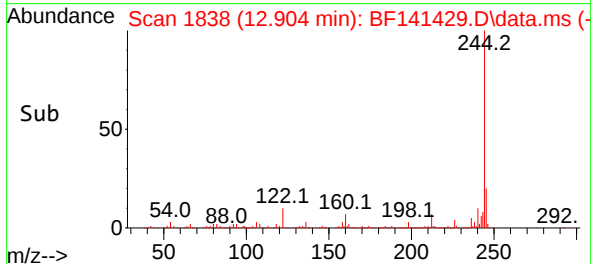
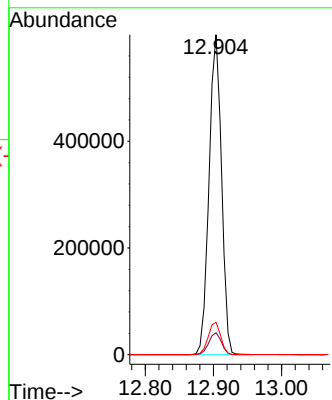
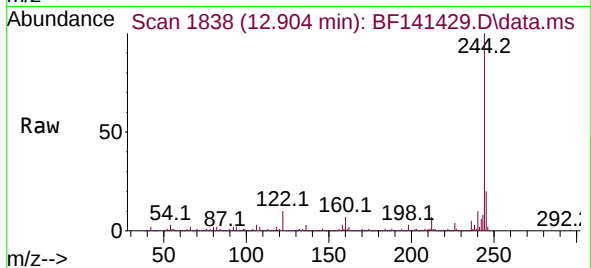
Tgt Ion:244 Resp: 763709

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 10.1 8.8 13.2



#80

Butylbenzylphthalate

Concen: 45.281 ng

RT: 13.380 min Scan# 1919

Delta R.T. -0.012 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

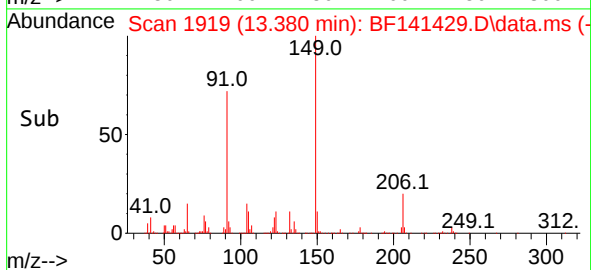
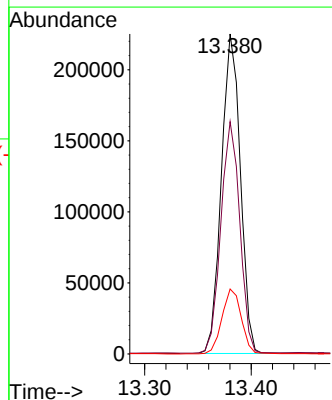
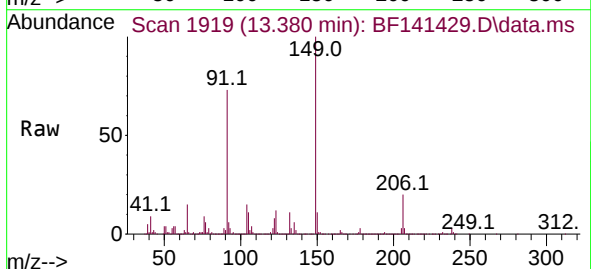
Tgt Ion:149 Resp: 277318

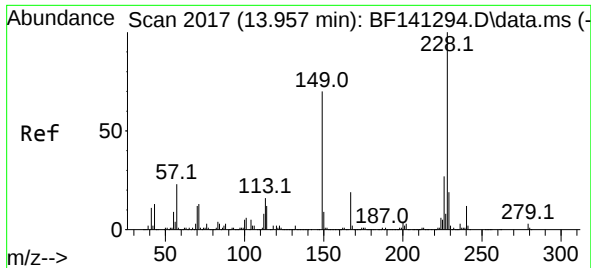
Ion Ratio Lower Upper

149 100

91 72.6 58.6 87.8

206 20.3 16.7 25.1

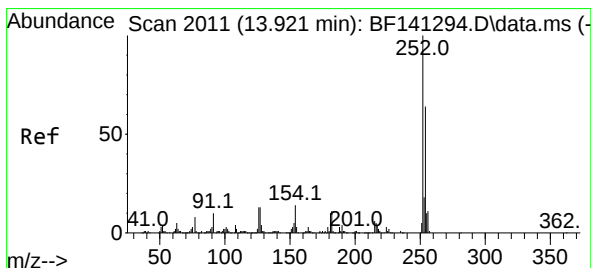
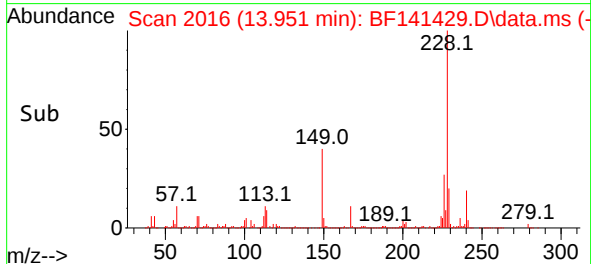
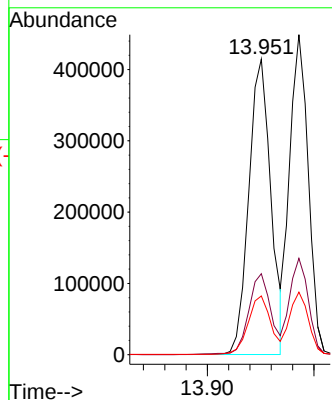
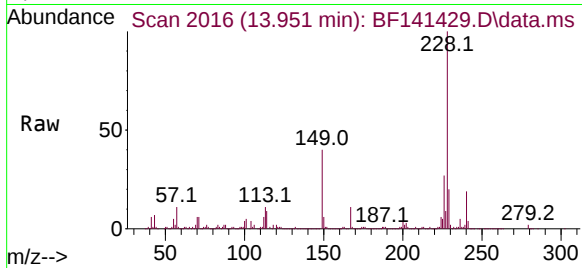




#81
Benzo(a)anthracene
Concen: 47.288 ng
RT: 13.951 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

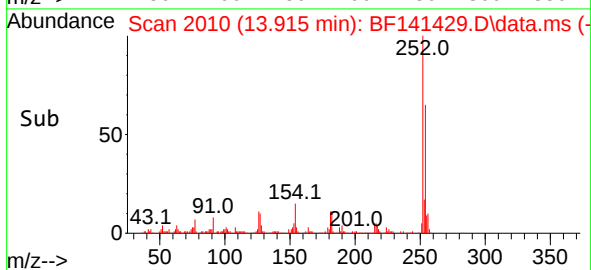
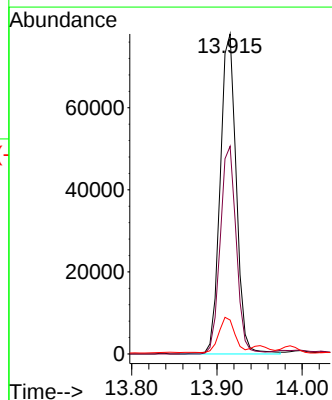
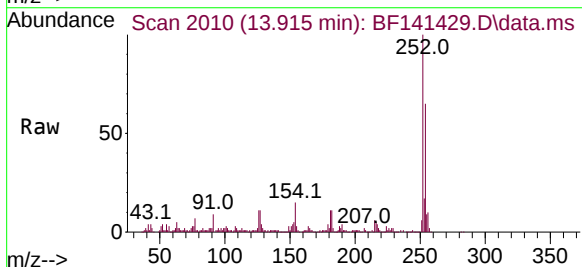
Instrument :
BNA_F
ClientSampleId :
72-11984MSD

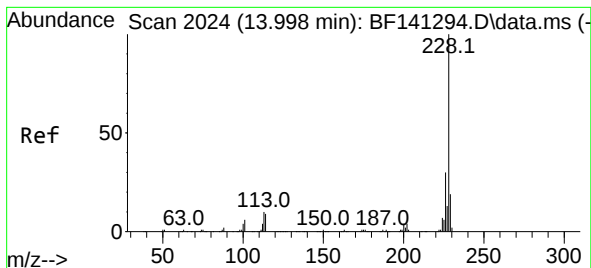
Tgt Ion:228 Resp: 595931
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.2
229 19.9 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 25.475 ng
RT: 13.915 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion:252 Resp: 102106
Ion Ratio Lower Upper
252 100
254 64.9 51.3 76.9
126 10.6 10.0 15.0





#83

Chrysene

Concen: 47.070 ng

RT: 13.986 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

Instrument :

BNA_F

ClientSampleId :

72-11984MSD

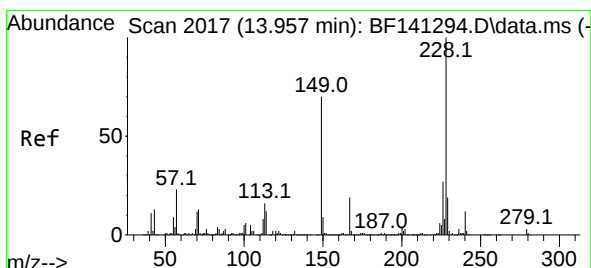
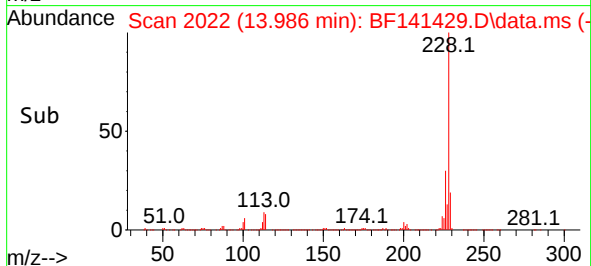
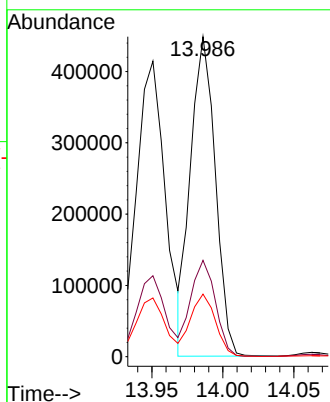
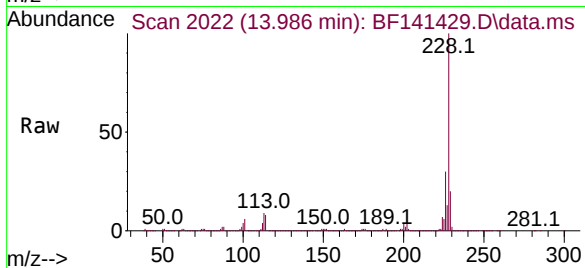
Tgt Ion:228 Resp: 543641

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.653 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.018 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

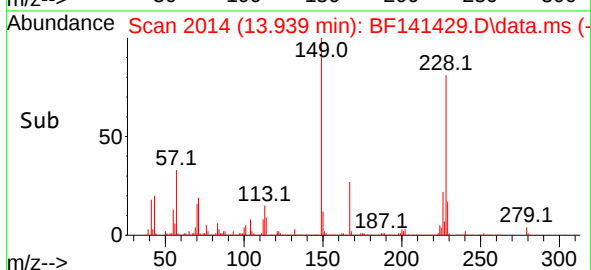
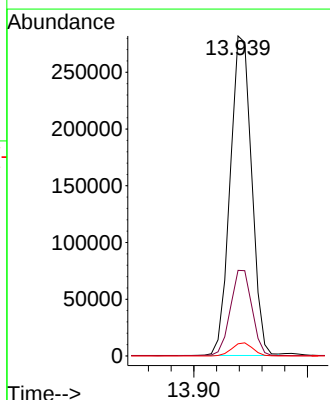
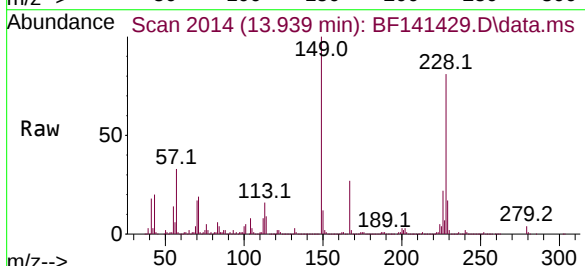
Tgt Ion:149 Resp: 370220

Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.8

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 51.514 ng

RT: 14.562 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

Instrument :

BNA_F

ClientSampleId :

72-11984MSD

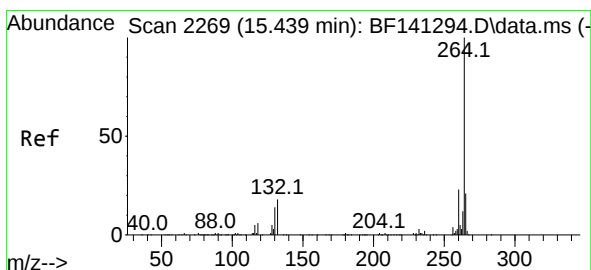
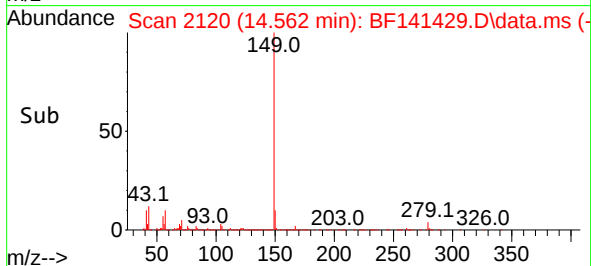
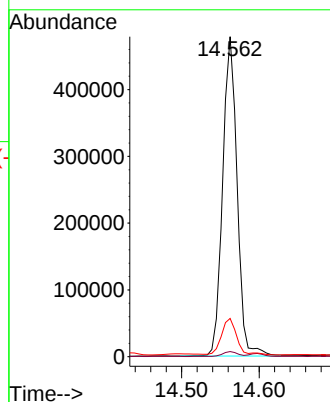
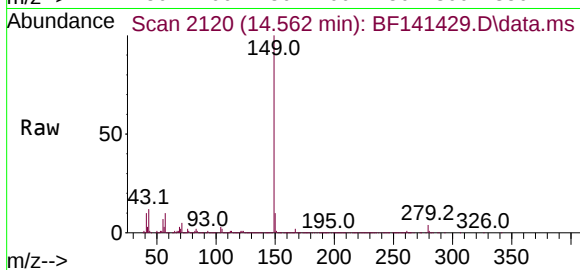
Tgt Ion:149 Resp: 621606

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.2 9.8 14.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2265

Delta R.T. -0.024 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

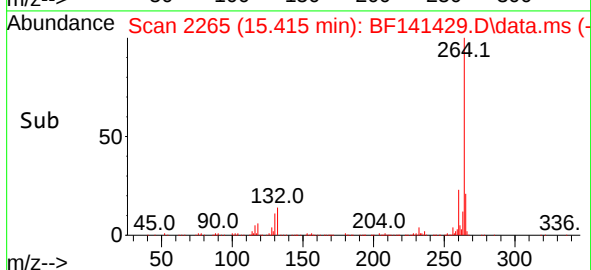
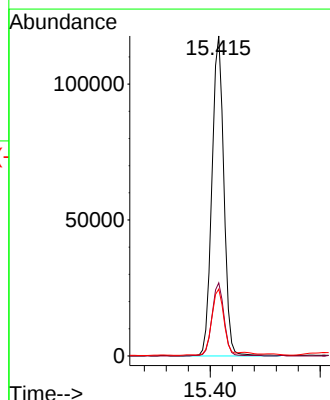
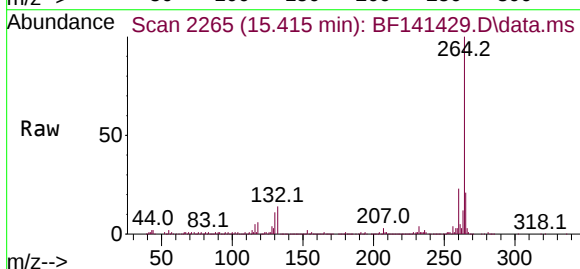
Tgt Ion:264 Resp: 177800

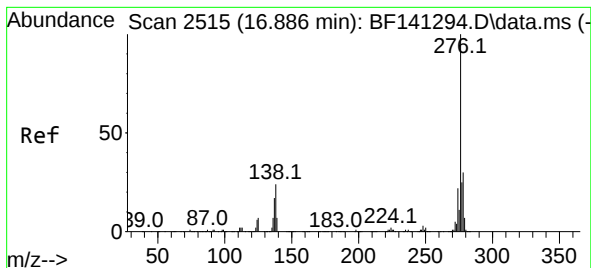
Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 20.9 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.697 ng

RT: 16.856 min Scan# 2194

Delta R.T. -0.041 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

Instrument :

BNA_F

ClientSampleId :

72-11984MSD

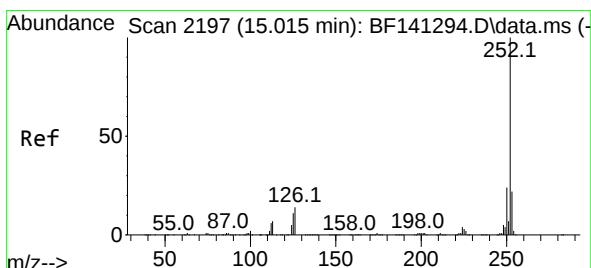
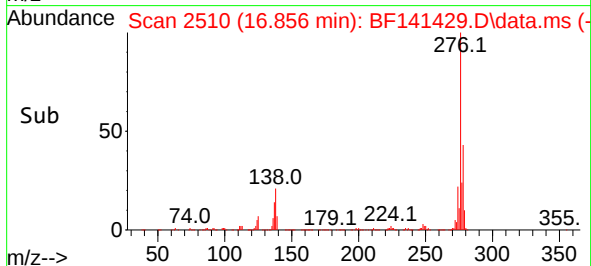
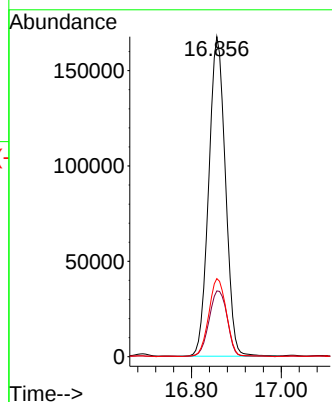
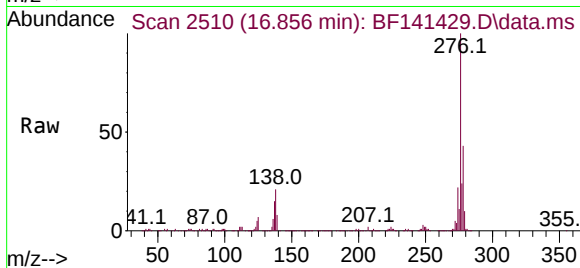
Tgt Ion:276 Resp: 432599

Ion Ratio Lower Upper

276 100

138 22.2 21.7 32.5

277 25.6 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 50.497 ng

RT: 14.998 min Scan# 2194

Delta R.T. -0.024 min

Lab File: BF141429.D

Acq: 05 Feb 2025 00:22

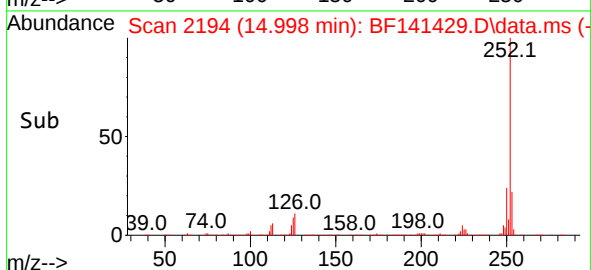
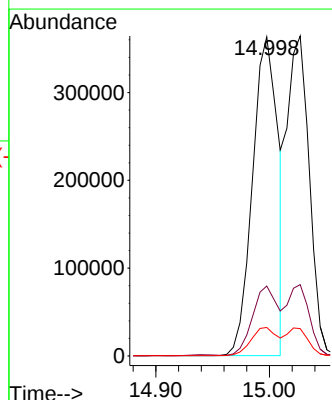
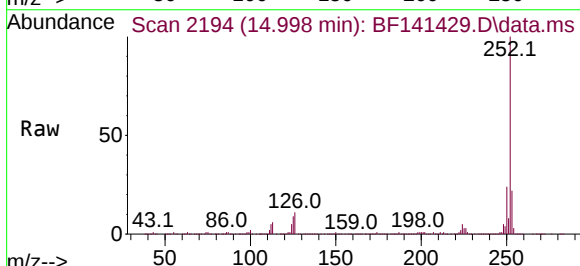
Tgt Ion:252 Resp: 564760

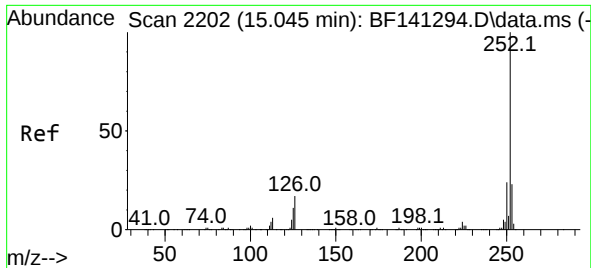
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 8.9 8.6 12.8

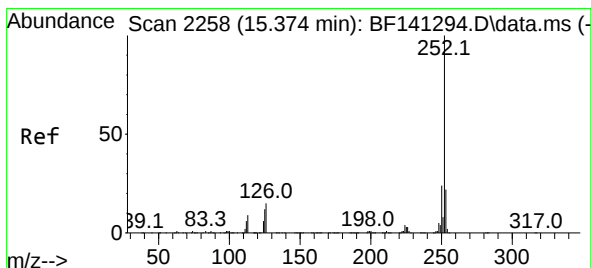
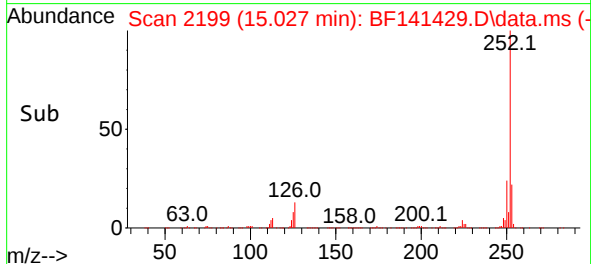
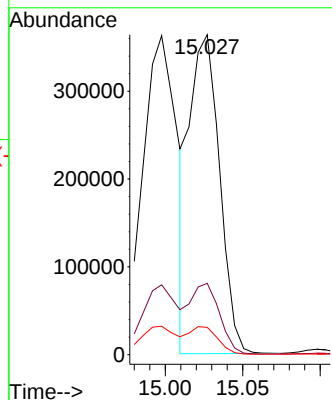
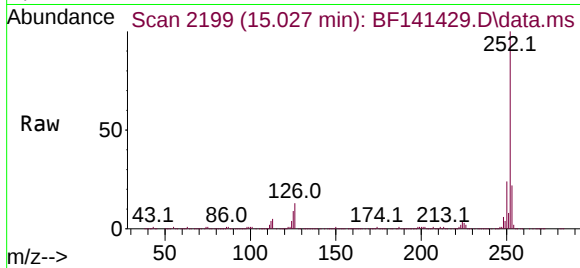




#89
Benzo(k)fluoranthene
Concen: 49.367 ng
RT: 15.027 min Scan# 2199
Delta R.T. -0.024 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

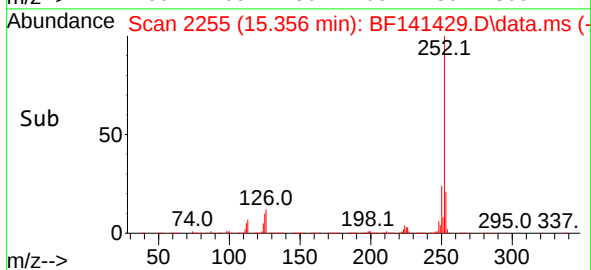
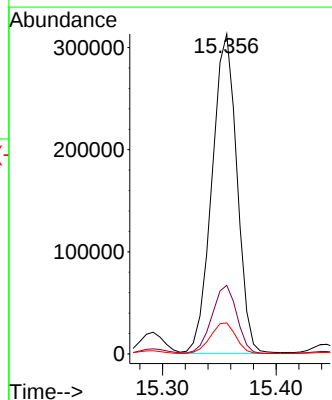
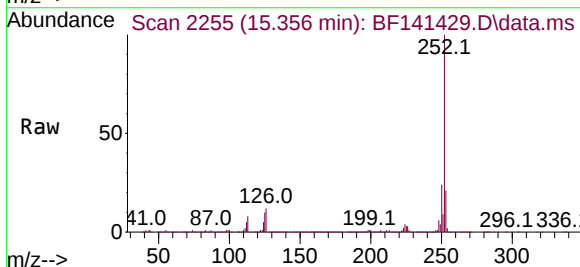
Instrument :
BNA_F
ClientSampleId :
72-11984MSD

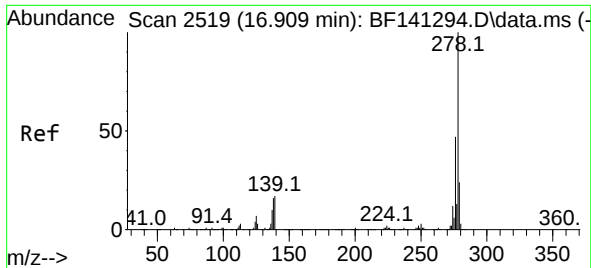
Tgt Ion:252 Resp: 489115
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 8.5 8.4 12.6



#90
Benzo(a)pyrene
Concen: 50.646 ng
RT: 15.356 min Scan# 2255
Delta R.T. -0.024 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion:252 Resp: 478663
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 9.7 9.4 14.2

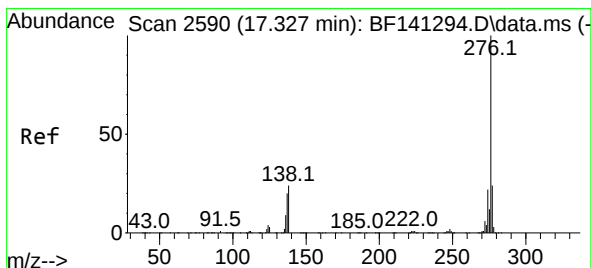
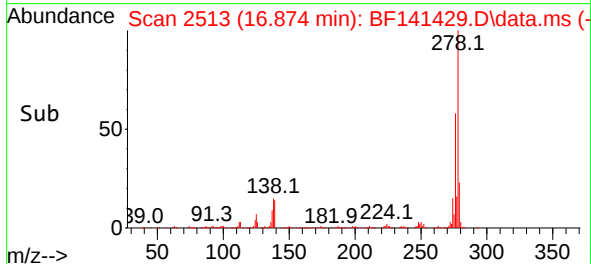
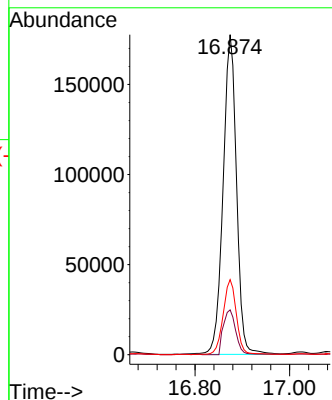
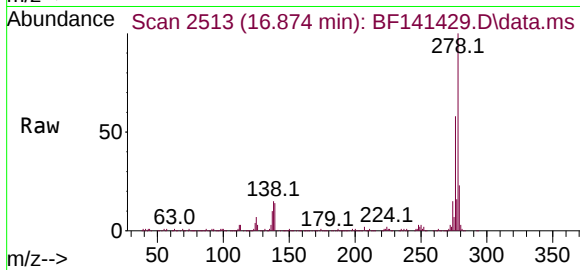




#91
Dibenzo(a,h)anthracene
Concen: 37.907 ng
RT: 16.874 min Scan# 21
Delta R.T. -0.047 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Instrument :
BNA_F
ClientSampleId :
72-11984MSD

Tgt Ion:278 Resp: 349979
Ion Ratio Lower Upper
278 100
139 14.0 13.9 20.9
279 23.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 32.639 ng
RT: 17.292 min Scan# 2584
Delta R.T. -0.053 min
Lab File: BF141429.D
Acq: 05 Feb 2025 00:22

Tgt Ion:276 Resp: 313335
Ion Ratio Lower Upper
276 100
277 23.1 19.2 28.8
138 19.1 19.0 28.4

