

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142429.D
 Acq On : 16 May 2025 16:15
 Operator : RC/JU
 Sample : Q2034-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L3-WC-1MSD

Quant Time: May 16 17:08:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	141569	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	534014	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	281508	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	440790	20.000	ng	0.00
76) Chrysene-d12	14.069	240	277471	20.000	ng	0.00
86) Perylene-d12	15.557	264	307593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	561715	67.733	ng	0.01
7) Phenol-d6	6.522	99	794885	77.931	ng	0.00
23) Nitrobenzene-d5	7.463	82	393774	44.971	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	235363	86.597	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	927648	46.987	ng	0.00
79) Terphenyl-d14	13.010	244	734340	39.172	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	135427	36.264	ng	97
3) Pyridine	3.499	79	354612	40.444	ng	96
4) n-Nitrosodimethylamine	3.452	42	193910	38.052	ng	96
6) Aniline	6.563	93	381208	38.103	ng	98
8) 2-Chlorophenol	6.687	128	373170	42.109	ng	97
9) Benzaldehyde	6.451	77	234001	39.198	ng	99
10) Phenol	6.540	94	466171	43.116	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	343500	32.217	ng	98
12) 1,3-Dichlorobenzene	6.845	146	404700	39.917	ng	98
13) 1,4-Dichlorobenzene	6.922	146	415424	40.809	ng	99
14) 1,2-Dichlorobenzene	7.075	146	389465	39.859	ng	99
15) Benzyl Alcohol	7.040	79	300646	45.520	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	573465	36.017	ng	99
17) 2-Methylphenol	7.151	107	292690	40.795	ng	99
18) Hexachloroethane	7.416	117	140680	41.535	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	241172	38.225	ng	98
20) 3+4-Methylphenols	7.298	107	362025	40.430	ng	96
22) Acetophenone	7.310	105	480090	40.433	ng	99
24) Nitrobenzene	7.481	77	360683	43.699	ng	96
25) Isophorone	7.722	82	655471	39.531	ng	99
26) 2-Nitrophenol	7.798	139	202884	50.742	ng	99
27) 2,4-Dimethylphenol	7.834	122	350641	42.061	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	413235	38.758	ng	99
29) 2,4-Dichlorophenol	8.039	162	316739	44.690	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	333744	41.841	ng	99
31) Naphthalene	8.210	128	1073876	41.492	ng	100
32) Benzoic acid	7.934	122	205322	46.408	ng	98
33) 4-Chloroaniline	8.251	127	114052	10.799	ng	98
34) Hexachlorobutadiene	8.322	225	199435	42.225	ng	99
35) Caprolactam	8.616	113	100987	48.890	ng	94
36) 4-Chloro-3-methylphenol	8.728	107	314891	42.740	ng	100
37) 2-Methylnaphthalene	8.898	142	655023	40.730	ng	99
38) 1-Methylnaphthalene	8.998	142	680335	40.588	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	328317	41.759	ng	99
41) Hexachlorocyclopentadiene	9.051	237	418614	86.151	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	231538	46.688	ng	98

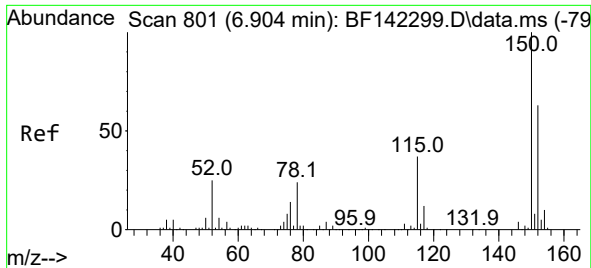
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	234662	44.472	ng	99
46) 1,1'-Biphenyl	9.363	154	900206	41.706	ng	99
47) 2-Chloronaphthalene	9.386	162	663509	41.336	ng	99
48) 2-Nitroaniline	9.481	65	202099	49.120	ng	92
49) Acenaphthylene	9.804	152	1104014	41.114	ng	99
50) Dimethylphthalate	9.657	163	765493	42.348	ng	100
51) 2,6-Dinitrotoluene	9.722	165	170252	50.317	ng	89
52) Acenaphthene	9.975	154	732671	45.378	ng	99
53) 3-Nitroaniline	9.886	138	91053	22.945	ng	94
54) 2,4-Dinitrophenol	9.992	184	177767	98.467	ng	# 4
55) Dibenzofuran	10.145	168	976347	40.974	ng	100
56) 4-Nitrophenol	10.045	139	259533	86.899	ng	96
57) 2,4-Dinitrotoluene	10.122	165	226504	52.188	ng	96
58) Fluorene	10.492	166	743311	40.875	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	200749	46.086	ng	97
60) Diethylphthalate	10.357	149	728183	40.338	ng	100
61) 4-Chlorophenyl-phenyle...	10.481	204	354162	40.368	ng	99
62) 4-Nitroaniline	10.504	138	161160	51.241	ng	99
63) Azobenzene	10.639	77	738724	42.824	ng	97
65) 4,6-Dinitro-2-methylph...	10.528	198	107669	51.742	ng	99
66) n-Nitrosodiphenylamine	10.598	169	655155	44.666	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	219967	44.032	ng	99
68) Hexachlorobenzene	11.039	284	245073	44.599	ng	94
69) Atrazine	11.122	200	182381	47.170	ng	99
70) Pentachlorophenol	11.228	266	254550	88.055	ng	98
71) Phenanthrene	11.451	178	964480	41.743	ng	100
72) Anthracene	11.504	178	981374	41.338	ng	99
73) Carbazole	11.657	167	817313	38.373	ng	99
74) Di-n-butylphthalate	11.986	149	924662	41.286	ng	100
75) Fluoranthene	12.639	202	865079	37.455	ng	98
77) Benzidine	12.763	184	372327	73.839	ng	97
78) Pyrene	12.869	202	870488	35.246	ng	99
80) Butylbenzylphthalate	13.486	149	308152	43.154	ng	99
81) Benzo(a)anthracene	14.057	228	776047	43.187	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	154061	36.868	ng	100
83) Chrysene	14.092	228	719755	43.027	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	408134	43.881	ng	99
85) Di-n-octyl phthalate	14.657	149	724232	43.645	ng	97
87) Indeno(1,2,3-cd)pyrene	17.057	276	592806	27.705	ng	98
88) Benzo(b)fluoranthene	15.116	252	833513	44.741	ng	99
89) Benzo(k)fluoranthene	15.151	252	735304	43.130	ng	99
90) Benzo(a)pyrene	15.492	252	744506	44.597	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	484525	27.409	ng	98
92) Benzo(g,h,i)perylene	17.515	276	439500	25.050	ng	98

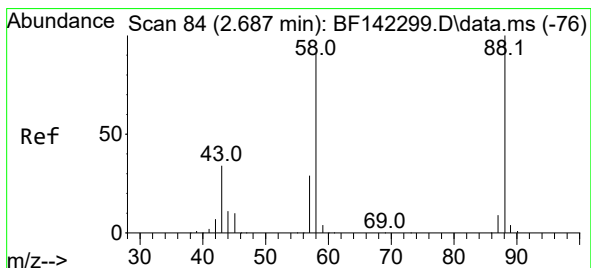
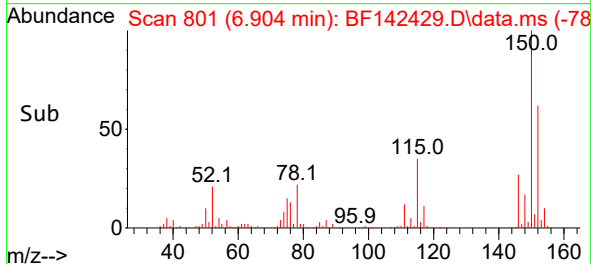
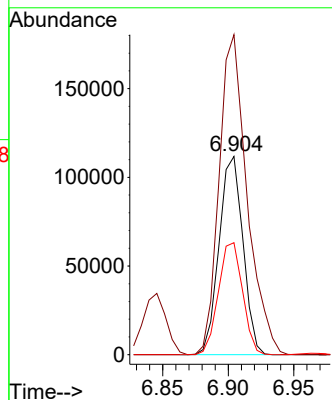
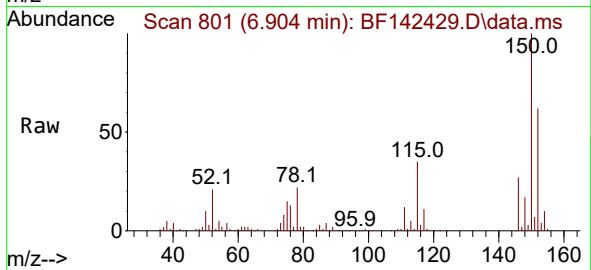
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142429.D
 Acq: 16 May 2025 16:15

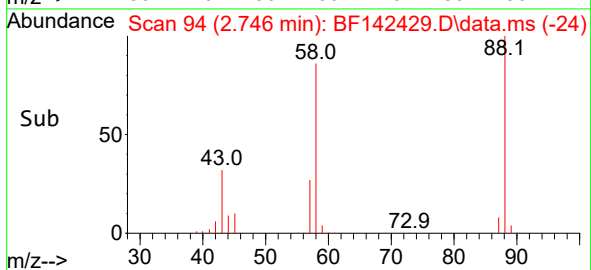
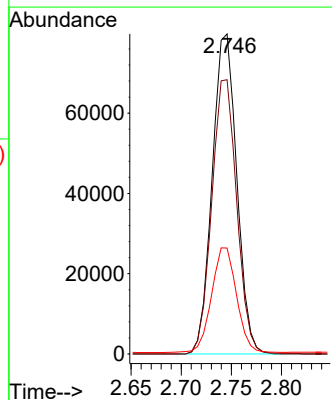
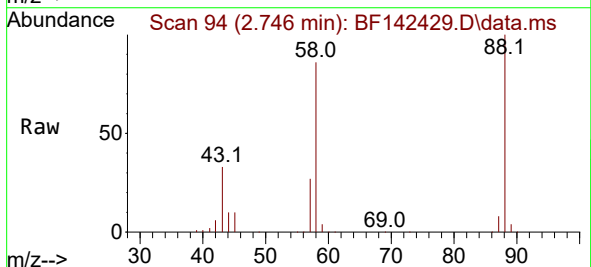
Instrument :
 BNA_F
 ClientSampleId :
 L3-WC-1MSD

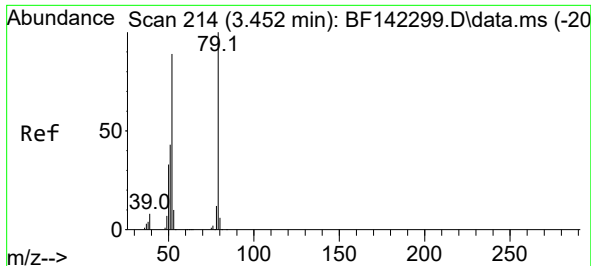
Tgt Ion:152 Resp: 141569
 Ion Ratio Lower Upper
 152 100
 150 161.4 126.6 190.0
 115 56.5 47.3 70.9



#2
 1,4-Dioxane
 Concen: 36.264 ng
 RT: 2.746 min Scan# 94
 Delta R.T. 0.059 min
 Lab File: BF142429.D
 Acq: 16 May 2025 16:15

Tgt Ion: 88 Resp: 135427
 Ion Ratio Lower Upper
 88 100
 58 87.5 73.0 109.4
 43 33.4 27.8 41.6





#3

Pyridine

Concen: 40.444 ng

RT: 3.499 min Scan# 214

Delta R.T. 0.047 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MSD

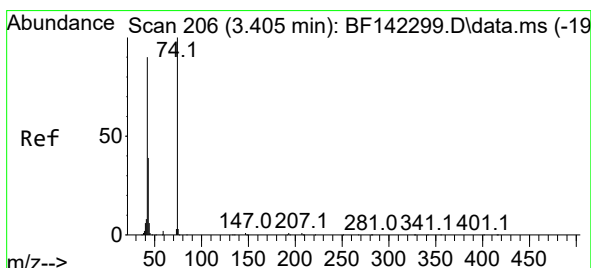
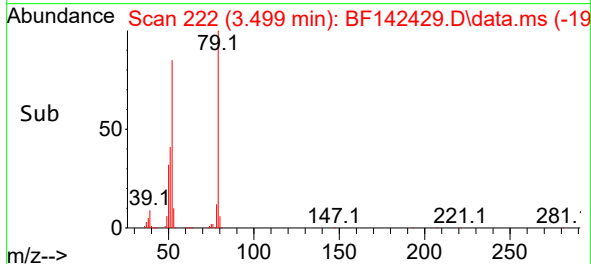
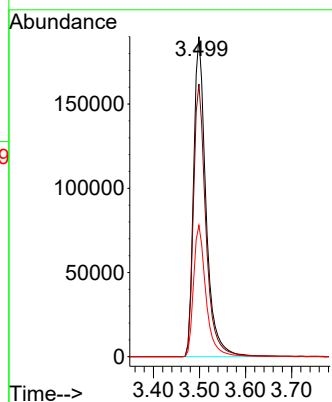
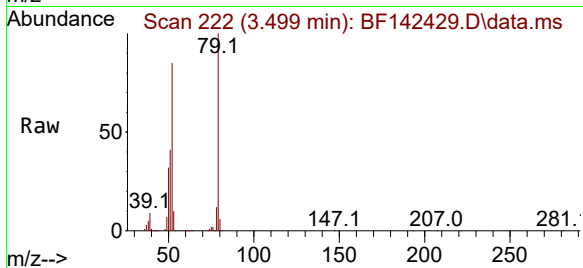
Tgt Ion: 79 Resp: 354612

Ion Ratio Lower Upper

79 100

52 85.2 71.0 106.4

51 41.0 34.9 52.3



#4

n-Nitrosodimethylamine

Concen: 38.052 ng

RT: 3.452 min Scan# 214

Delta R.T. 0.047 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

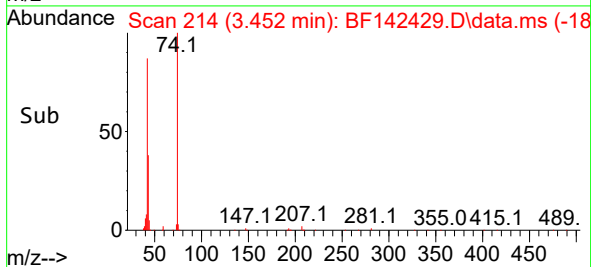
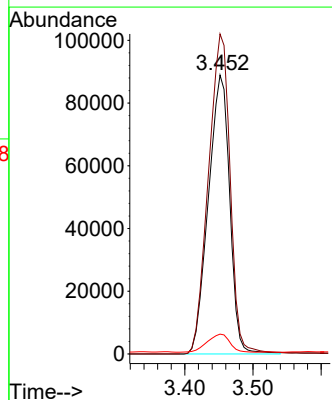
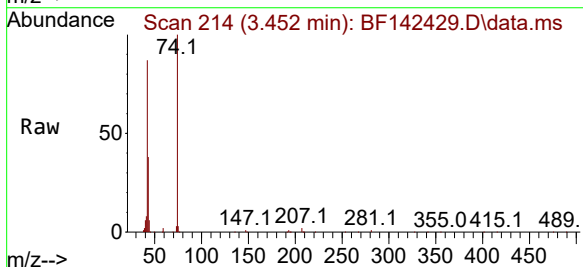
Tgt Ion: 42 Resp: 193910

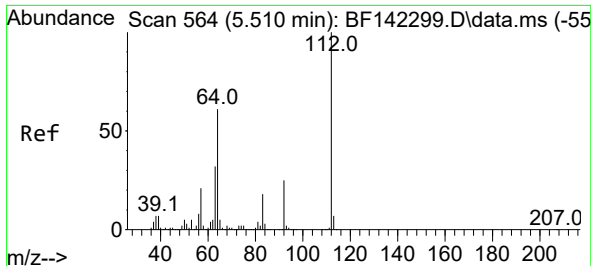
Ion Ratio Lower Upper

42 100

74 114.8 88.5 132.7

44 7.1 5.8 8.8

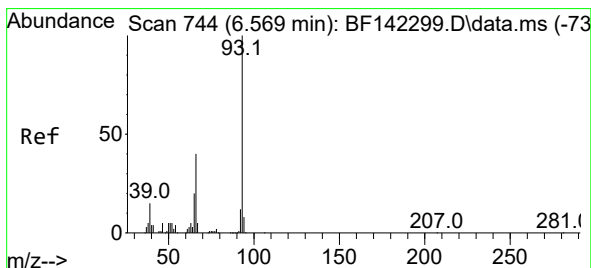
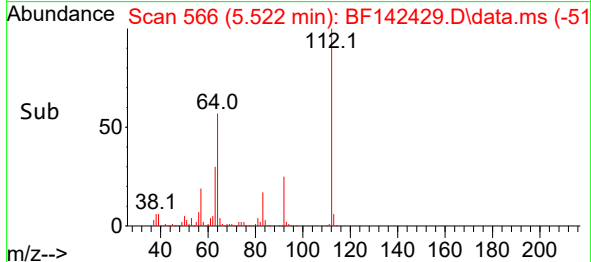
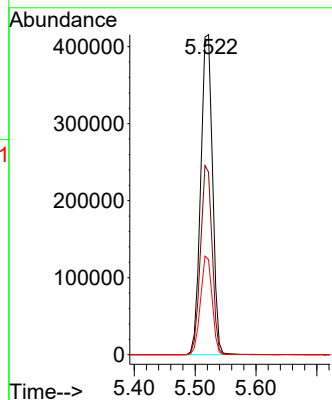
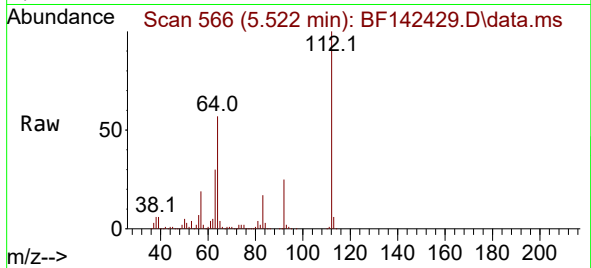




#5
2-Fluorophenol
Concen: 67.733 ng
RT: 5.522 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

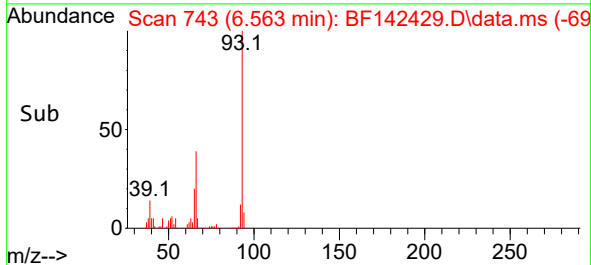
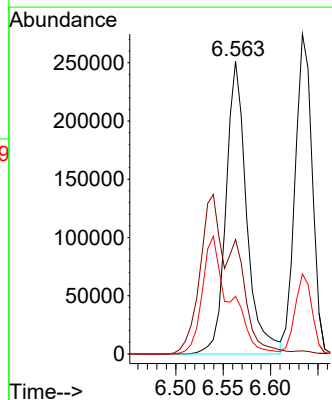
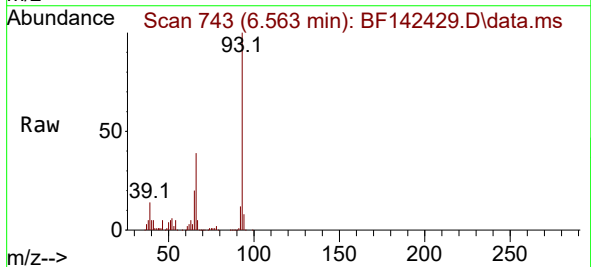
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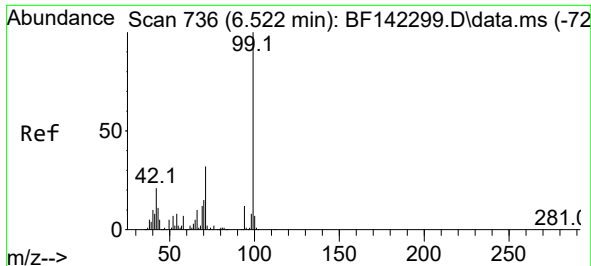
Tgt Ion:112 Resp: 561715
Ion Ratio Lower Upper
112 100
64 57.1 48.9 73.3
63 29.7 25.6 38.4



#6
Aniline
Concen: 38.103 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion: 93 Resp: 381208
Ion Ratio Lower Upper
93 100
66 39.0 32.2 48.4
65 19.7 16.3 24.5

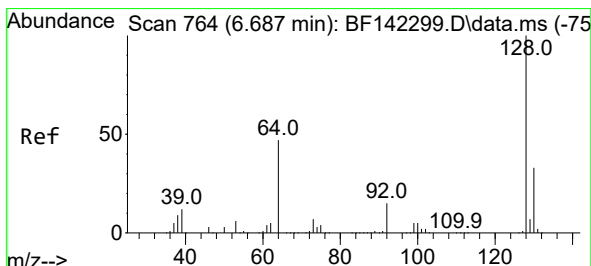
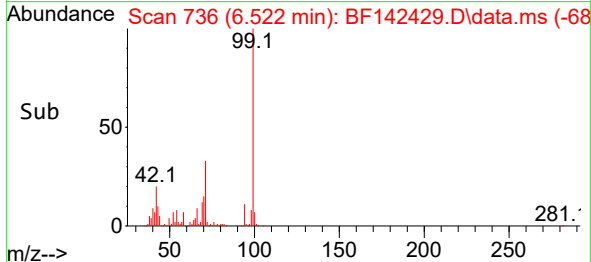
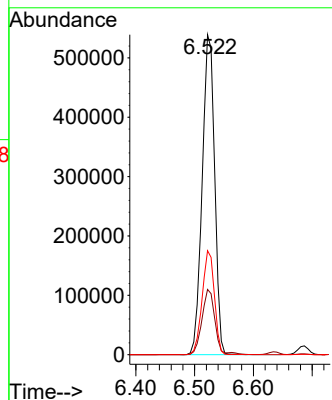
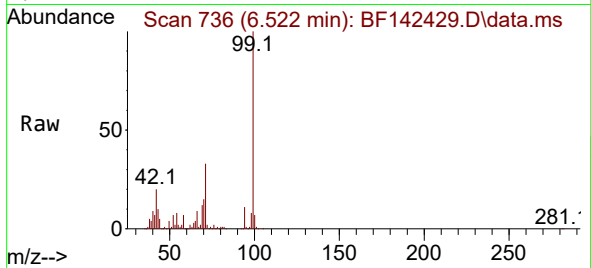




#7
Phenol-d6
Concen: 77.931 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

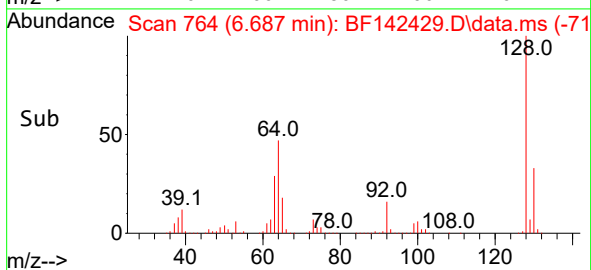
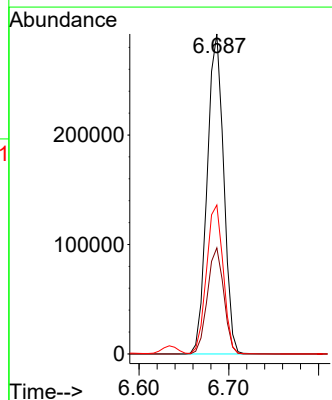
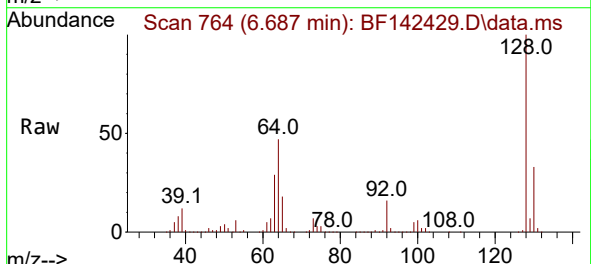
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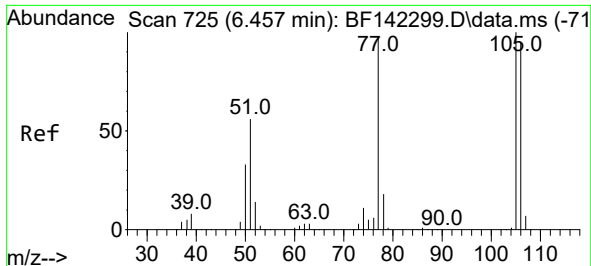
Tgt Ion: 99 Resp: 794885
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.4
71 32.5 25.8 38.8



#8
2-Chlorophenol
Concen: 42.109 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion:128 Resp: 373170
Ion Ratio Lower Upper
128 100
130 33.1 12.7 52.7
64 46.5 29.2 69.2





#9

Benzaldehyde

Concen: 39.198 ng

RT: 6.451 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MSD

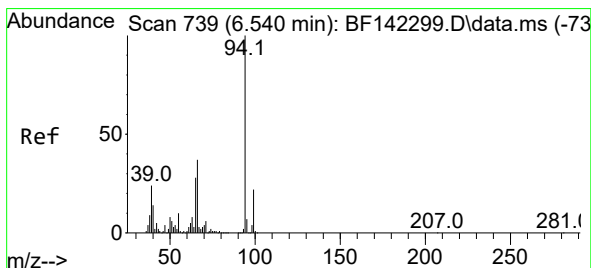
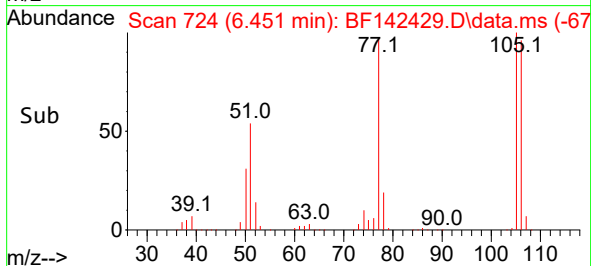
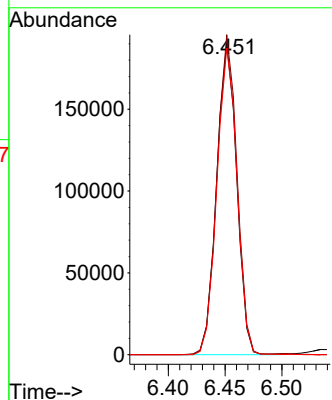
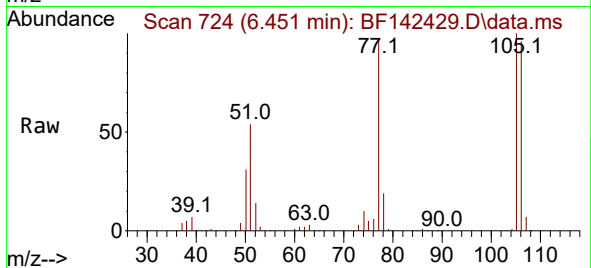
Tgt Ion: 77 Resp: 234001

Ion Ratio Lower Upper

77 100

105 102.6 82.0 122.0

106 98.4 77.2 117.2



#10

Phenol

Concen: 43.116 ng

RT: 6.540 min Scan# 739

Delta R.T. -0.000 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

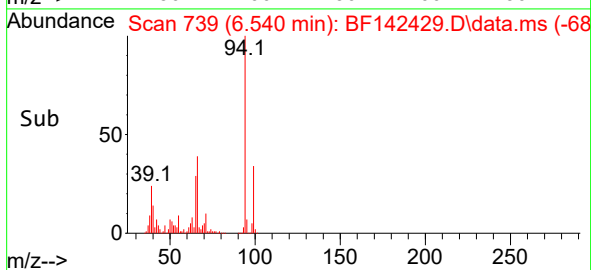
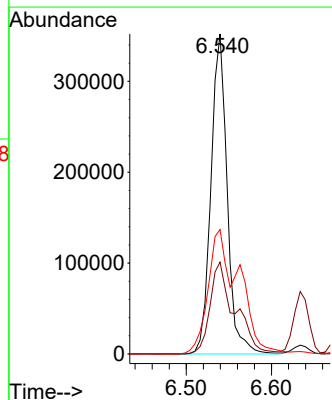
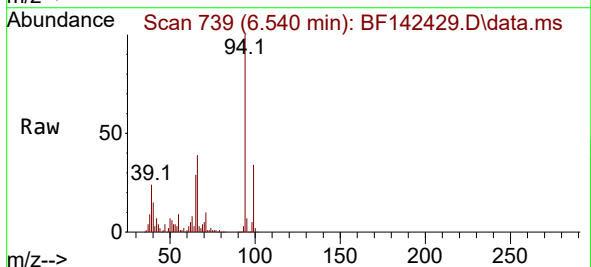
Tgt Ion: 94 Resp: 466171

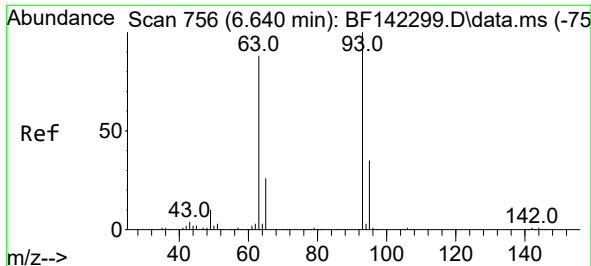
Ion Ratio Lower Upper

94 100

65 28.7 8.5 48.5

66 38.9 17.3 57.3

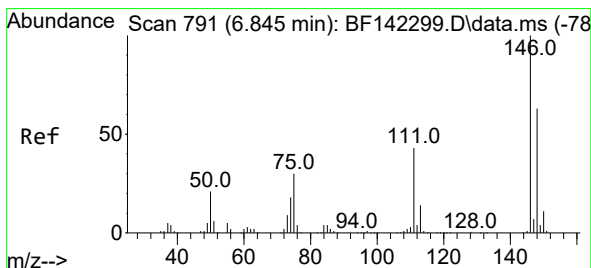
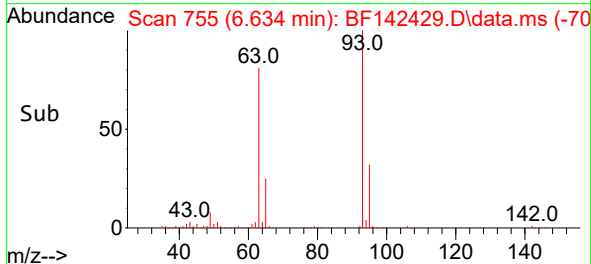
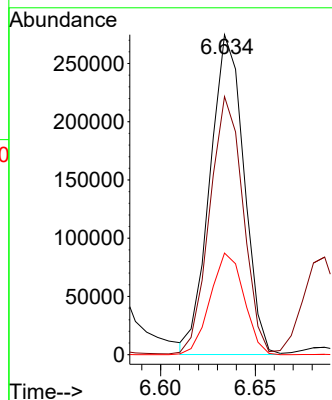
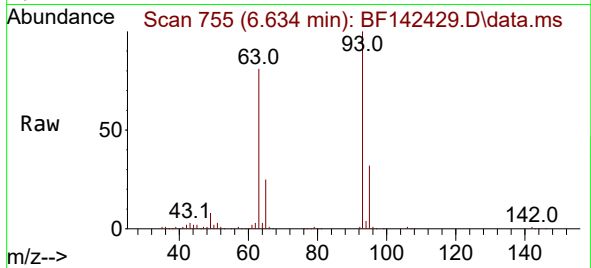




#11
bis(2-Chloroethyl)ether
Concen: 32.217 ng
RT: 6.634 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

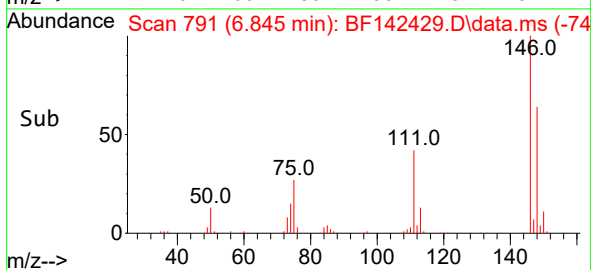
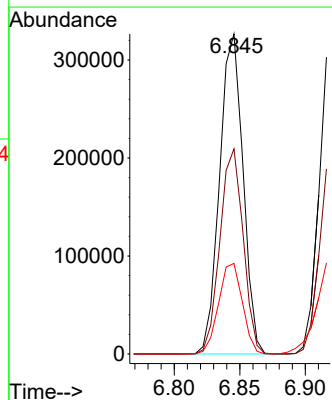
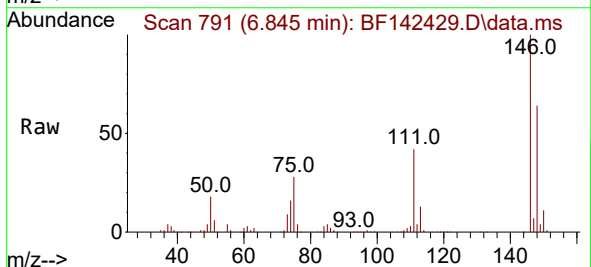
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

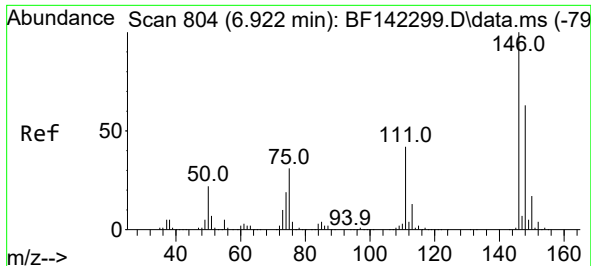
Tgt Ion: 93 Resp: 343500
Ion Ratio Lower Upper
93 100
63 80.6 58.4 98.4
95 31.8 10.6 50.6



#12
1,3-Dichlorobenzene
Concen: 39.917 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion: 146 Resp: 404700
Ion Ratio Lower Upper
146 100
148 64.1 50.6 76.0
75 28.3 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.809 ng

RT: 6.922 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MSD

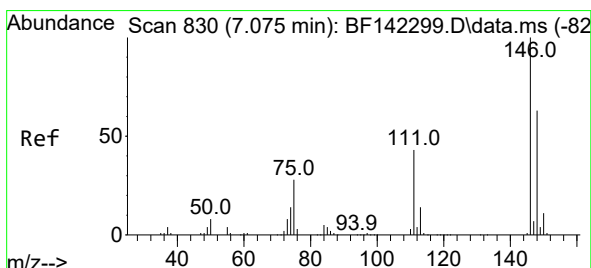
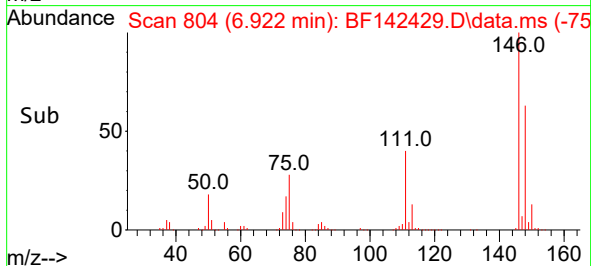
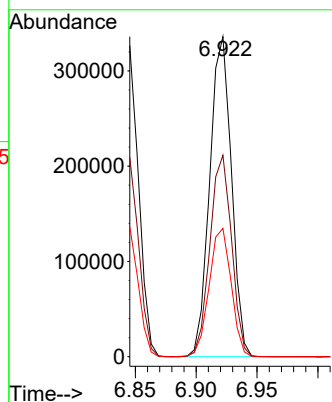
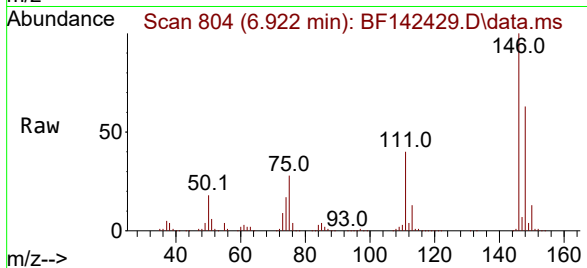
Tgt Ion:146 Resp: 415424

Ion Ratio Lower Upper

146 100

148 62.9 50.5 75.7

111 40.1 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 39.859 ng

RT: 7.075 min Scan# 830

Delta R.T. -0.000 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

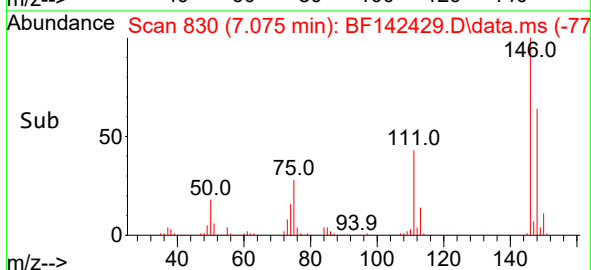
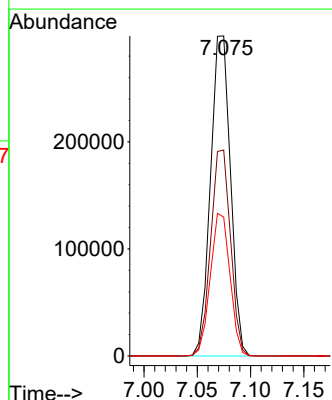
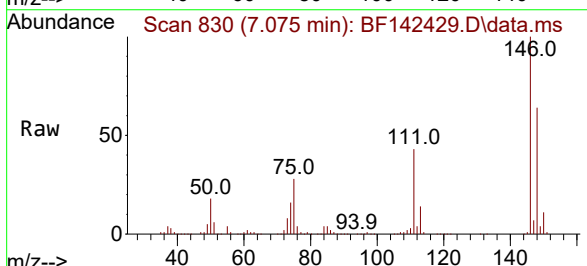
Tgt Ion:146 Resp: 389465

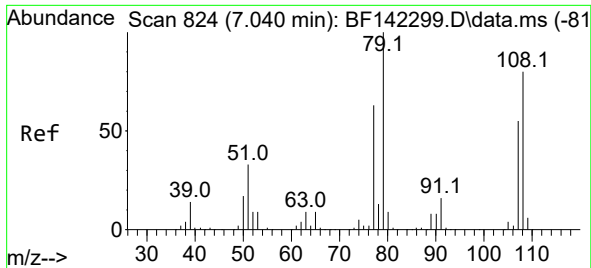
Ion Ratio Lower Upper

146 100

148 64.4 50.3 75.5

111 43.4 34.5 51.7

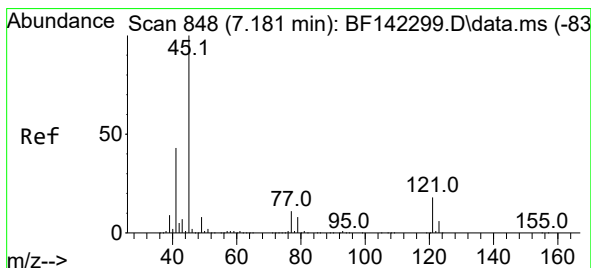
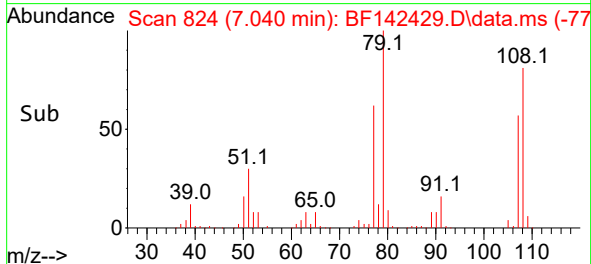
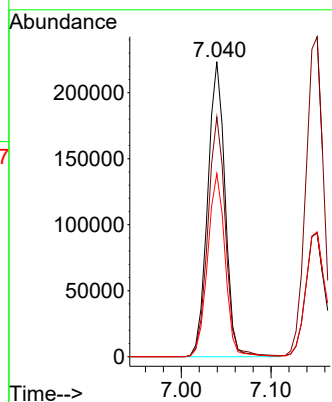
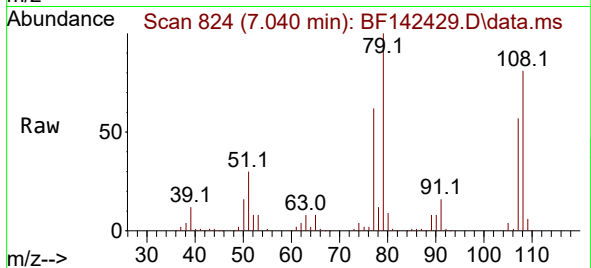




#15
Benzyl Alcohol
Concen: 45.520 ng
RT: 7.040 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

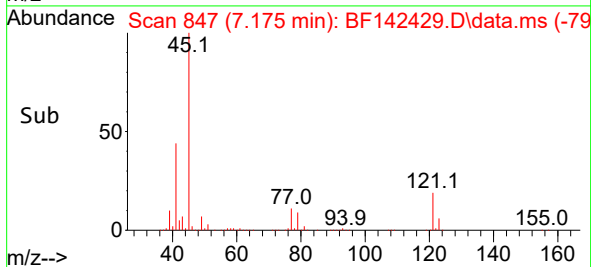
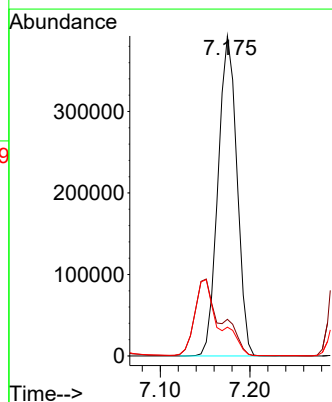
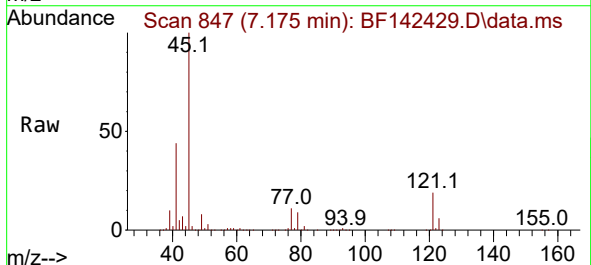
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

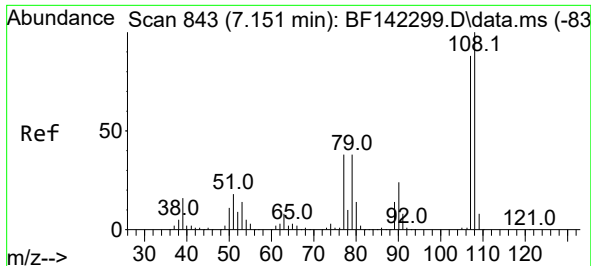
Tgt Ion: 79 Resp: 300646
Ion Ratio Lower Upper
79 100
108 81.3 63.9 95.9
77 62.0 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.017 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion: 45 Resp: 573465
Ion Ratio Lower Upper
45 100
77 11.5 0.0 31.2
79 9.0 0.0 28.5

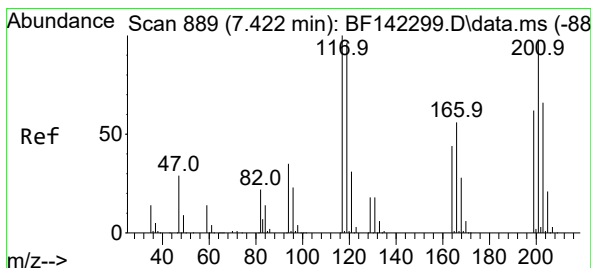
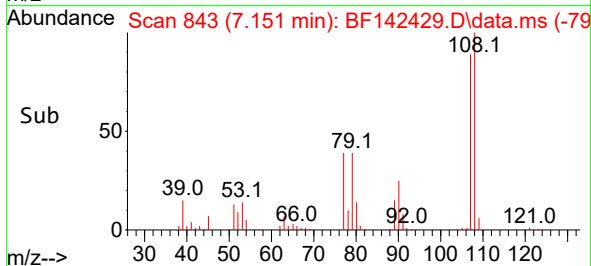
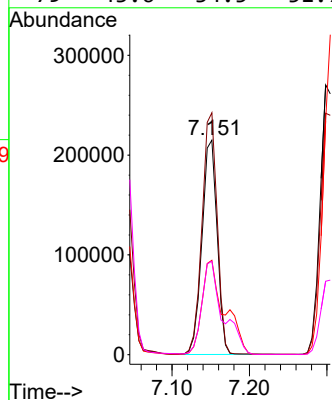
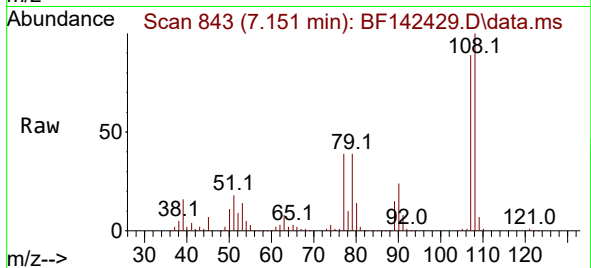




#17
2-Methylphenol
Concen: 40.795 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

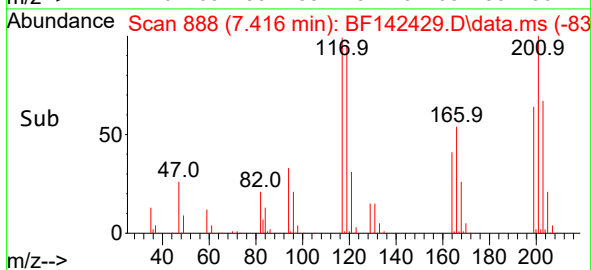
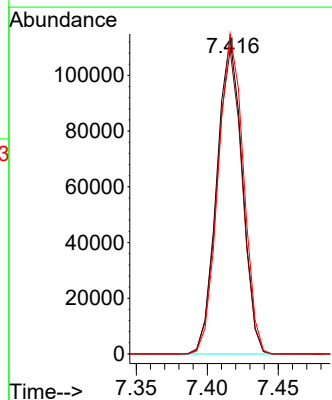
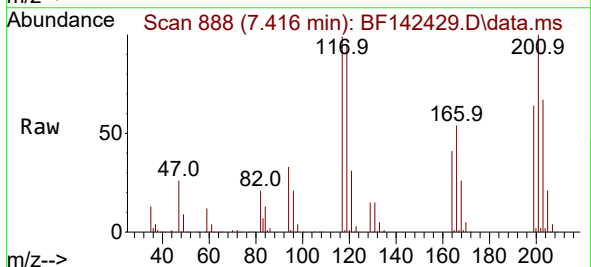
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

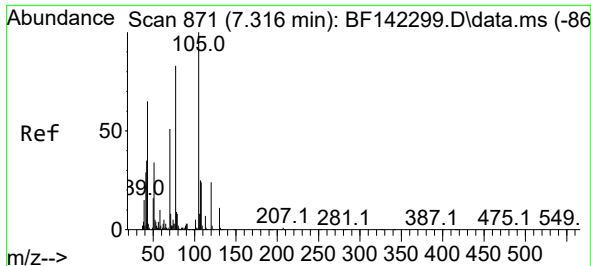
Tgt Ion:	107	Resp:	292690
Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.1	136.7
77	44.0	34.7	52.1
79	43.6	34.5	51.7



#18
Hexachloroethane
Concen: 41.535 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion:	117	Resp:	140680
Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.9	115.3
201	101.1	78.0	117.0

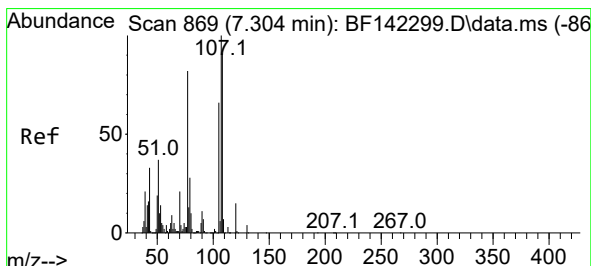
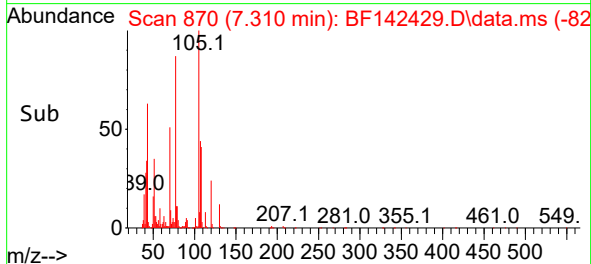
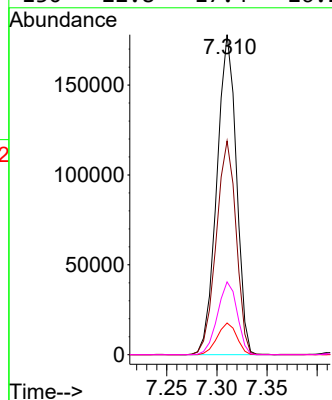
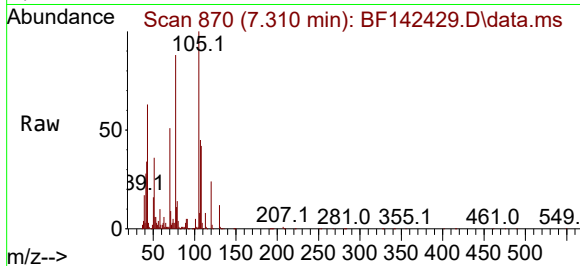




#19
n-Nitroso-di-n-propylamine
Concen: 38.225 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

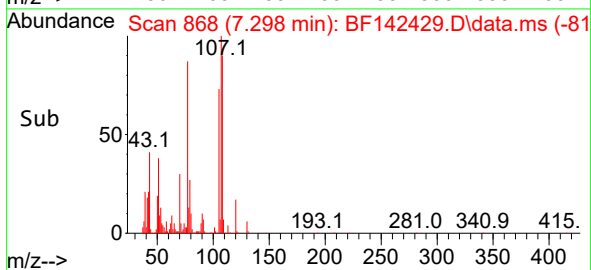
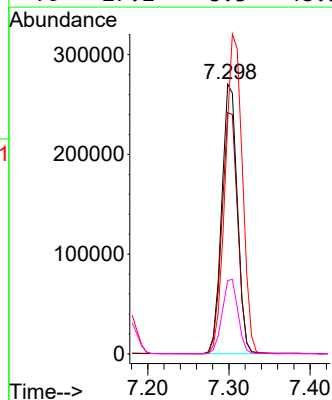
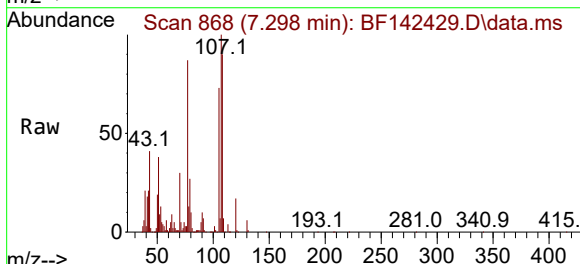
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

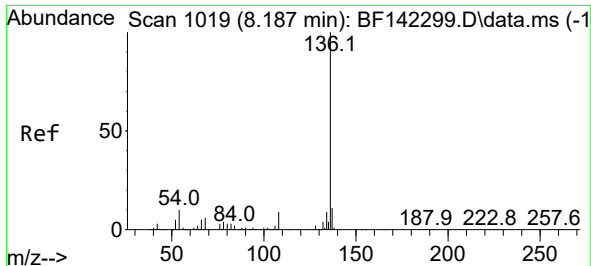
Tgt Ion: 70 Resp: 241172
Ion Ratio Lower Upper
70 100
42 66.8 54.8 82.2
101 9.9 7.7 11.5
130 22.8 17.4 26.2



#20
3+4-Methylphenols
Concen: 40.430 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion: 107 Resp: 362025
Ion Ratio Lower Upper
107 100
108 89.5 71.5 111.5
77 86.6 61.6 101.6
79 27.2 8.3 48.3

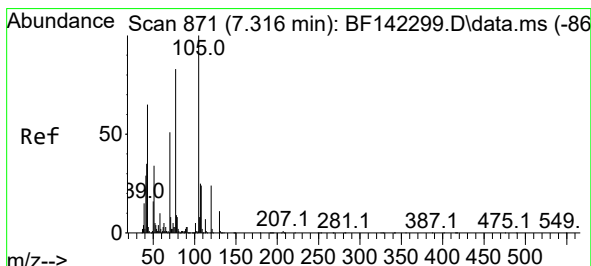
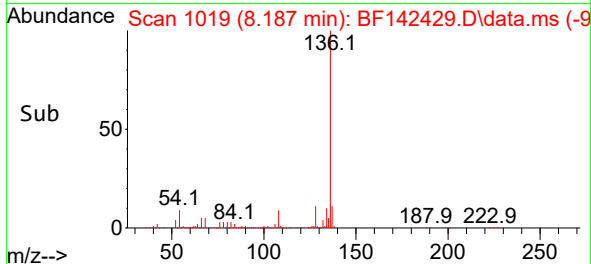
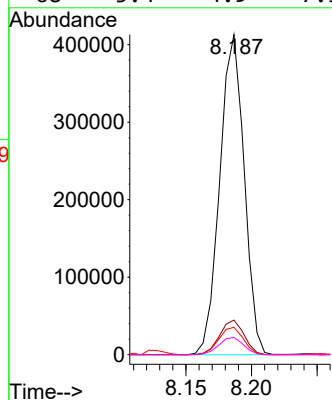
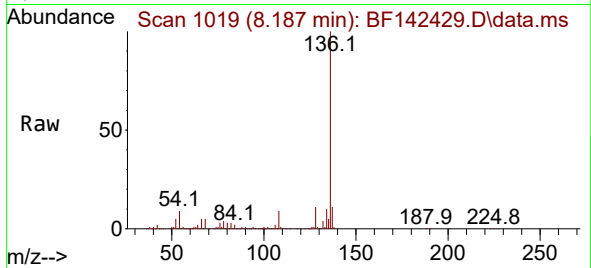




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

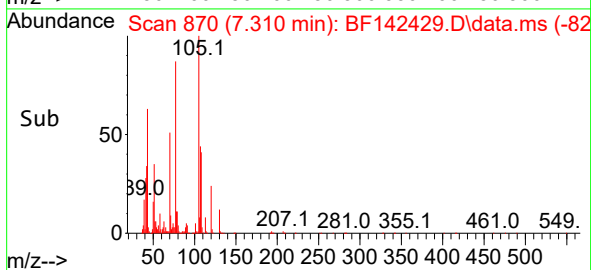
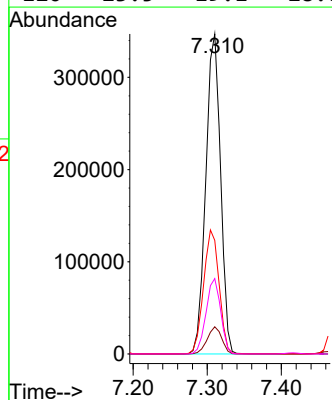
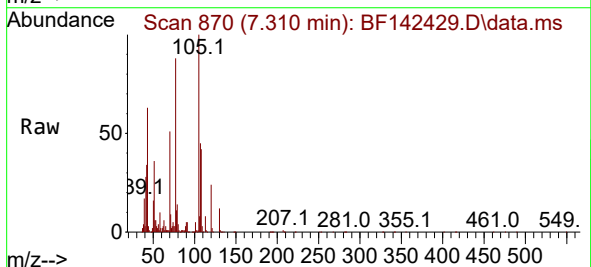
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

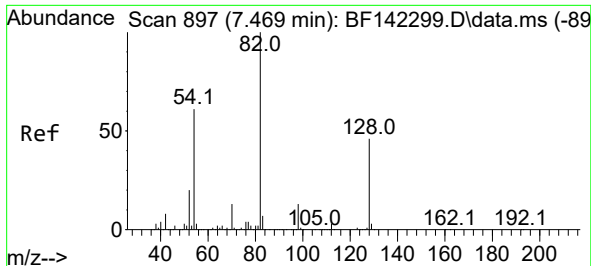
Tgt Ion:	136	Resp:	534014
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	8.6	7.7	11.5
68	5.4	4.9	7.3



#22
Acetophenone
Concen: 40.433 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion:	105	Resp:	480090
Ion Ratio	Lower	Upper	
105	100		
71	8.5	6.7	10.1
51	35.5	27.6	41.4
120	23.5	19.1	28.7

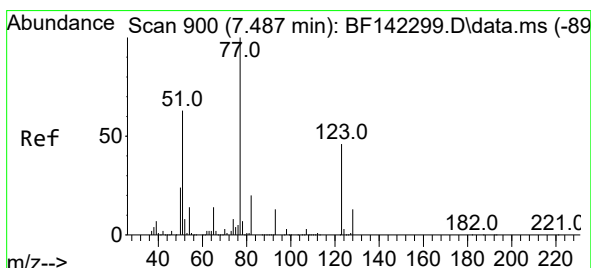
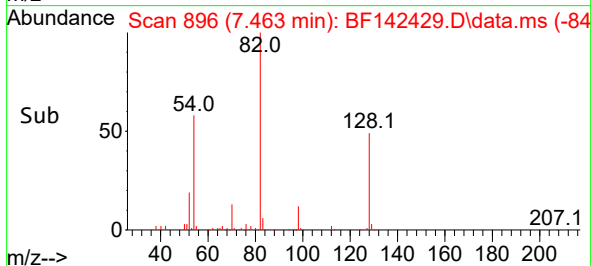
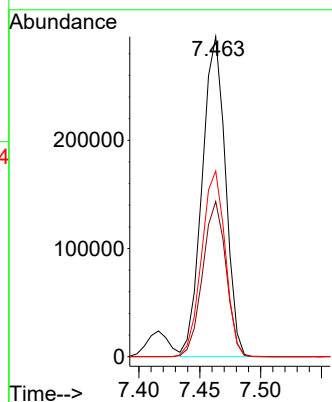
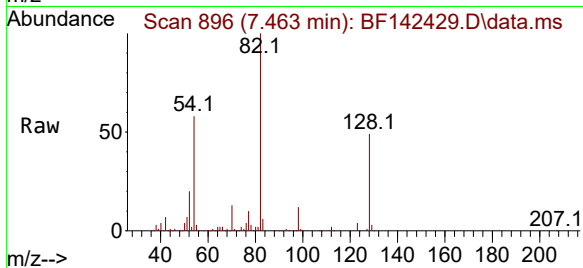




#23
Nitrobenzene-d5
Concen: 44.971 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

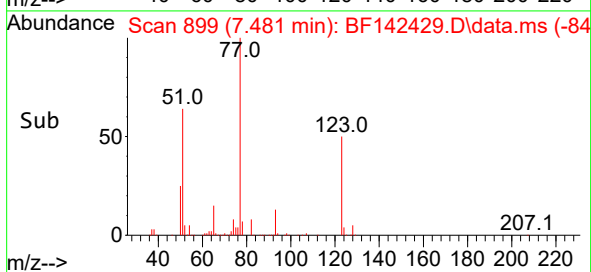
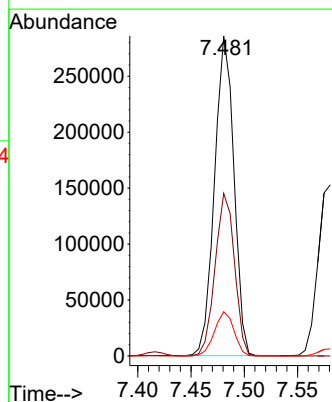
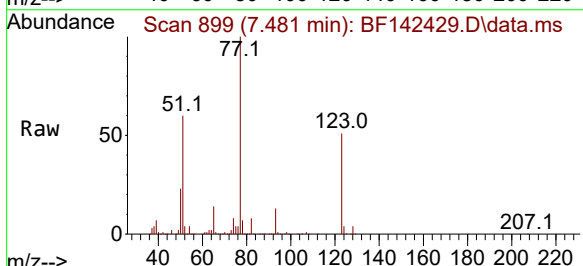
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

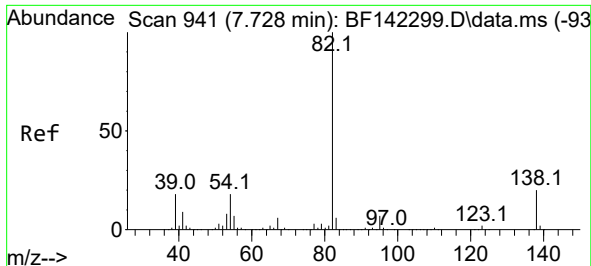
Tgt Ion: 82 Resp: 393774
Ion Ratio Lower Upper
82 100
128 48.5 37.0 55.6
54 58.1 48.6 73.0



#24
Nitrobenzene
Concen: 43.699 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion: 77 Resp: 360683
Ion Ratio Lower Upper
77 100
123 50.8 37.8 56.8
65 13.9 11.4 17.0

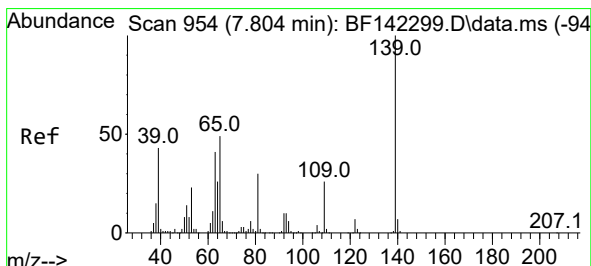
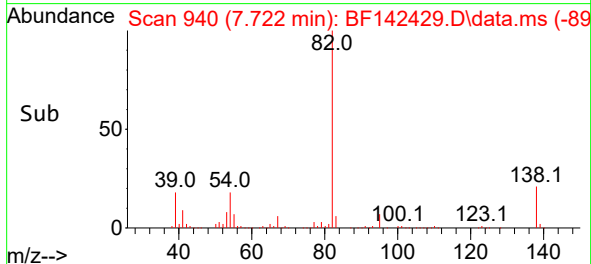
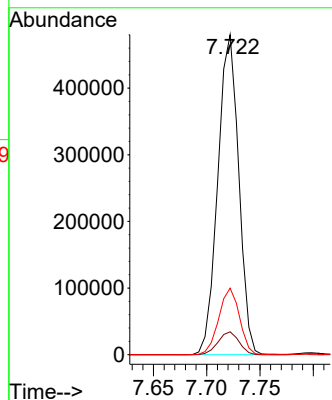
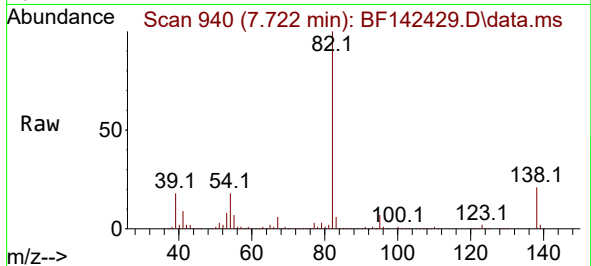




#25
Isophorone
Concen: 39.531 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

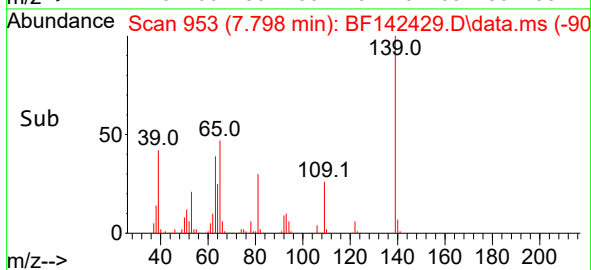
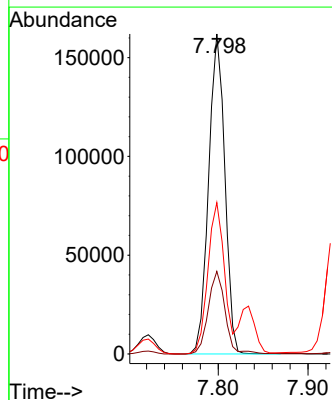
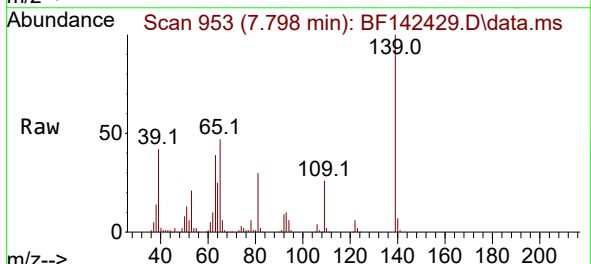
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

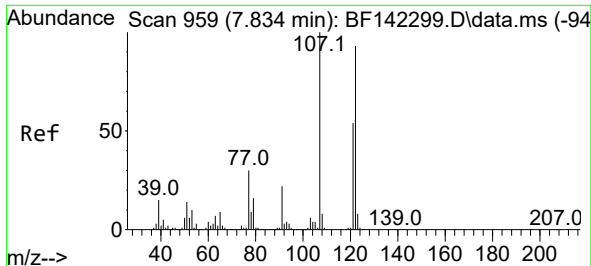
Tgt Ion: 82 Resp: 655471
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 20.8 16.1 24.1



#26
2-Nitrophenol
Concen: 50.742 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion: 139 Resp: 202884
Ion Ratio Lower Upper
139 100
109 25.8 20.8 31.2
65 47.3 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 42.061 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MSD

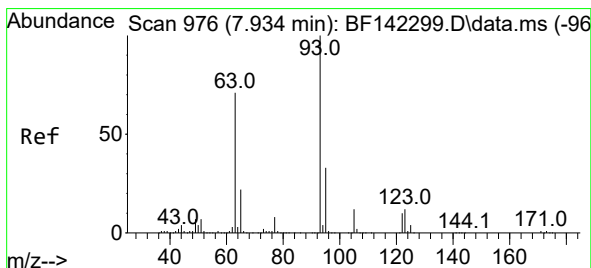
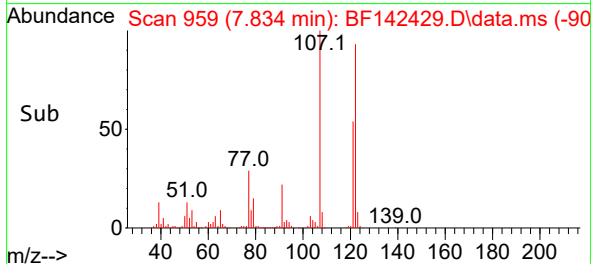
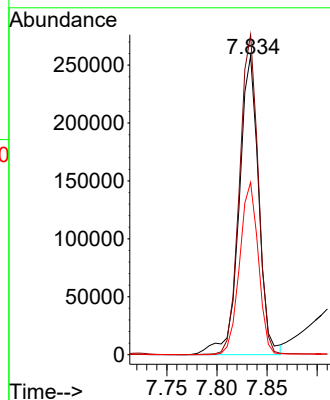
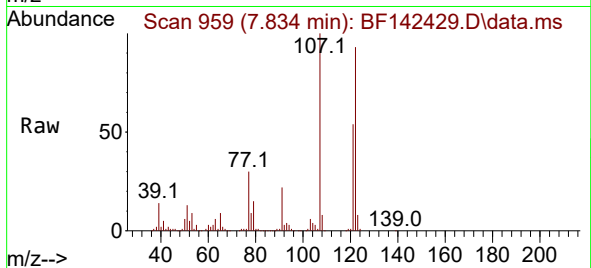
Tgt Ion:122 Resp: 350641

Ion Ratio Lower Upper

122 100

107 107.1 86.0 129.0

121 57.7 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.758 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

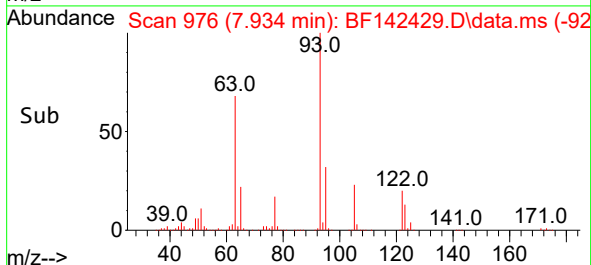
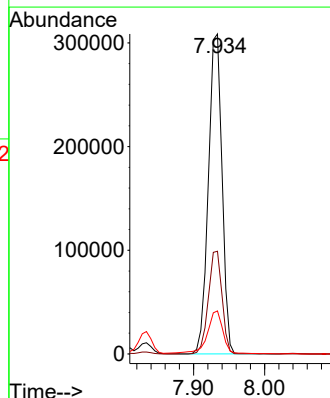
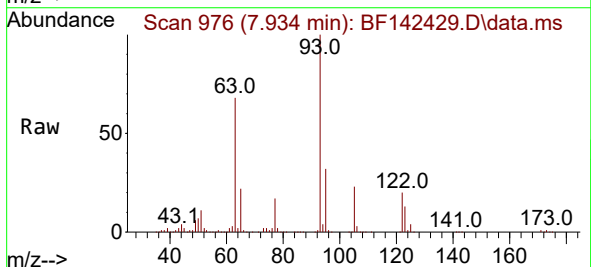
Tgt Ion: 93 Resp: 413235

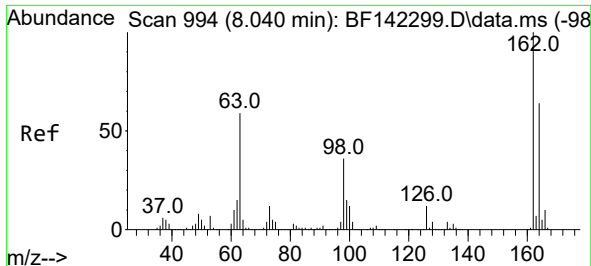
Ion Ratio Lower Upper

93 100

95 32.1 26.1 39.1

123 13.5 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 44.690 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MSD

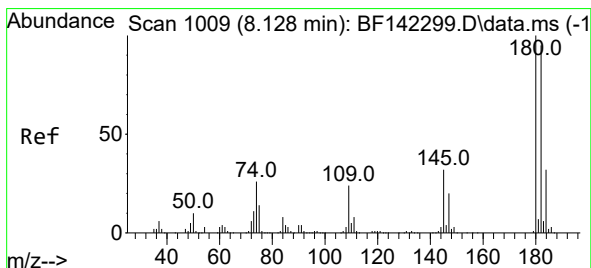
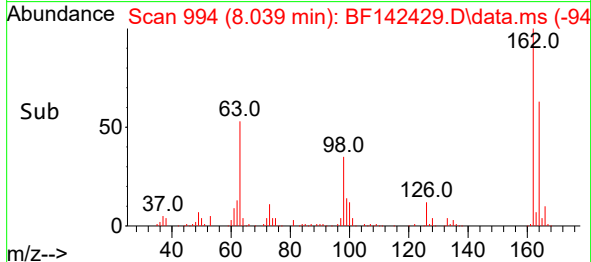
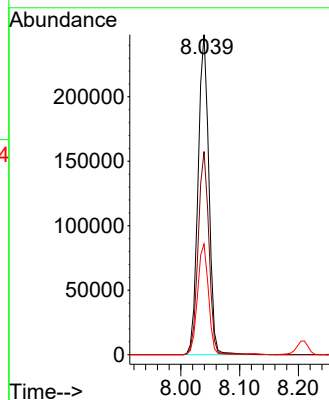
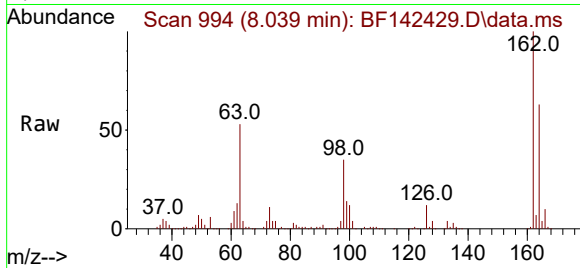
Tgt Ion:162 Resp: 316739

Ion Ratio Lower Upper

162 100

164 63.5 43.6 83.6

98 34.6 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 41.841 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

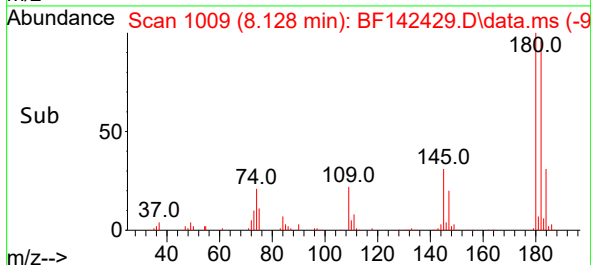
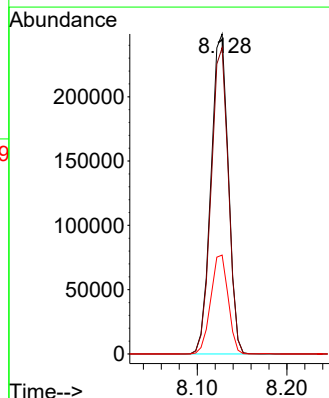
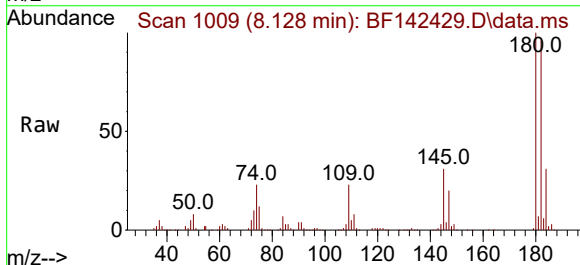
Tgt Ion:180 Resp: 333744

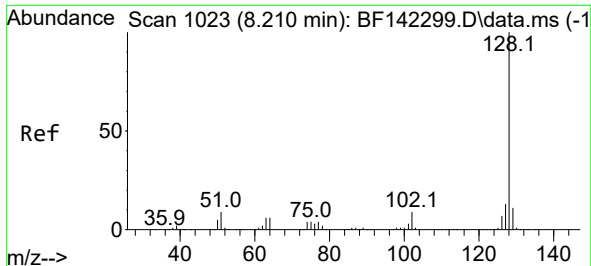
Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.4

145 30.9 25.8 38.6

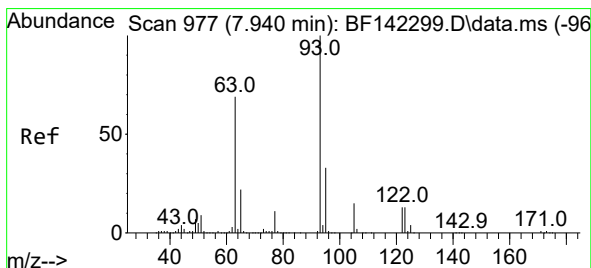
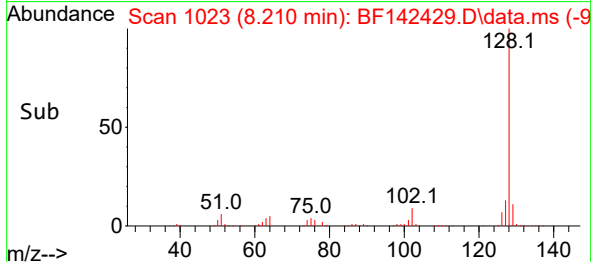
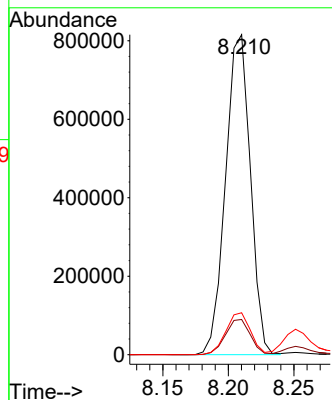
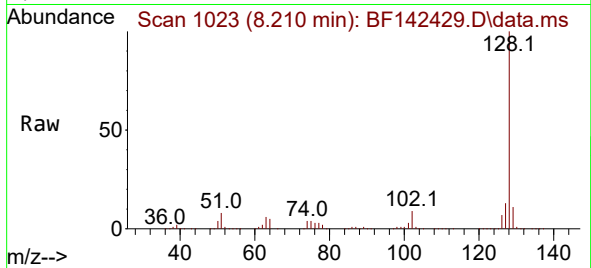




#31
Naphthalene
Concen: 41.492 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

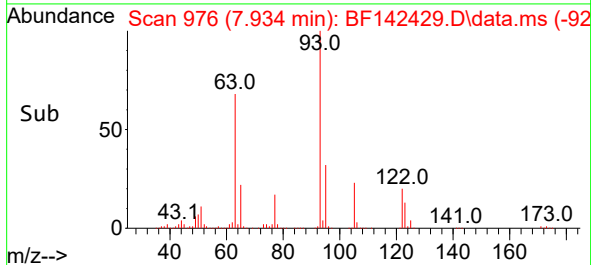
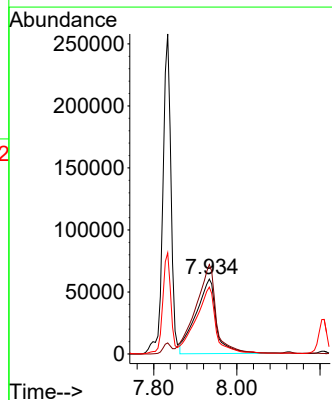
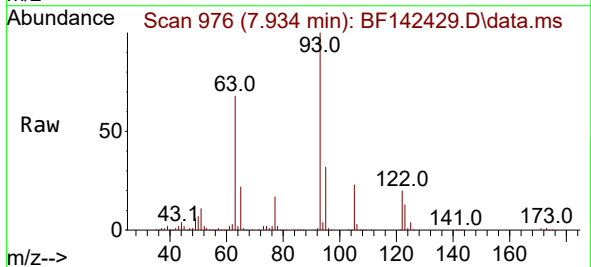
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

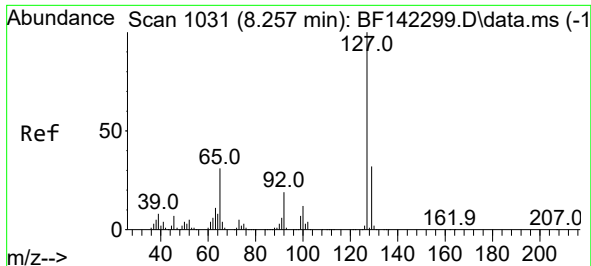
Tgt Ion:128 Resp: 1073876
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 46.408 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion:122 Resp: 205322
Ion Ratio Lower Upper
122 100
105 119.4 97.9 137.9
77 89.3 67.7 107.7

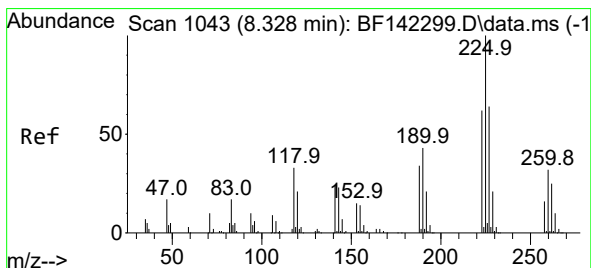
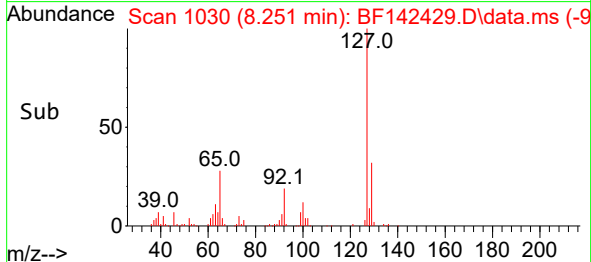
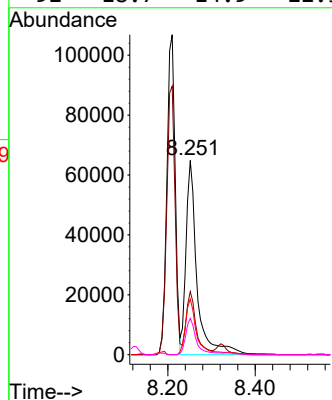
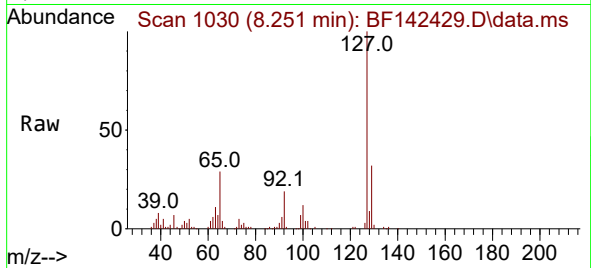




#33
4-Chloroaniline
Concen: 10.799 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.016 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

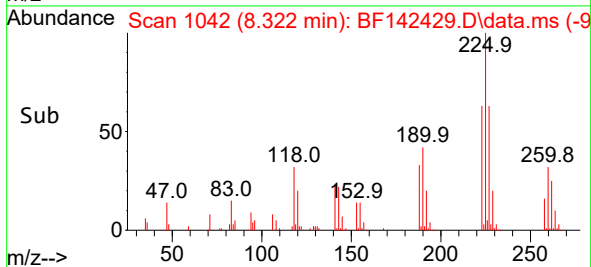
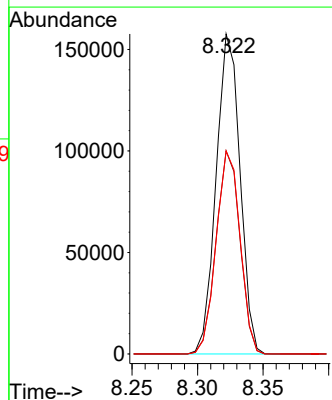
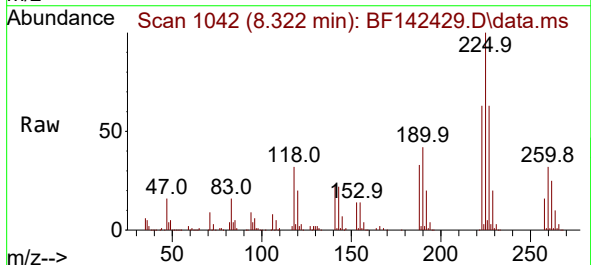
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

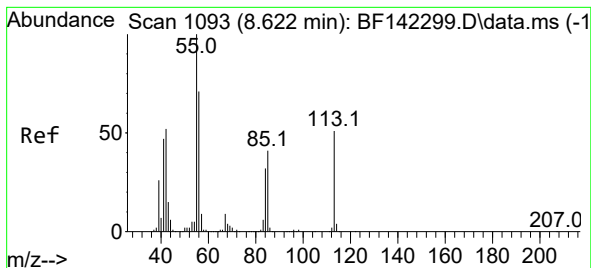
Tgt Ion:	127	Resp:	114052
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.7	38.5
65	28.6	24.9	37.3
92	18.7	14.9	22.3



#34
Hexachlorobutadiene
Concen: 42.225 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion:	225	Resp:	199435
Ion Ratio	Lower	Upper	
225	100		
223	63.5	49.8	74.6
227	63.4	50.9	76.3





#35

Caprolactam

Concen: 48.890 ng

RT: 8.616 min Scan# 1092

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MSD

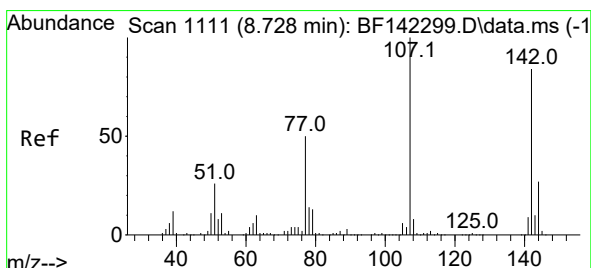
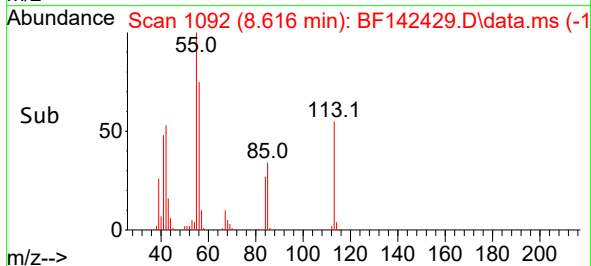
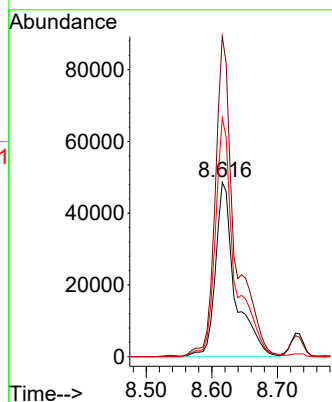
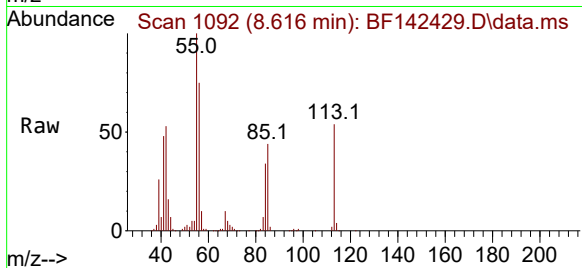
Tgt Ion:113 Resp: 100987

Ion Ratio Lower Upper

113 100

55 183.6 176.4 216.4

56 137.0 120.3 160.3



#36

4-Chloro-3-methylphenol

Concen: 42.740 ng

RT: 8.728 min Scan# 1111

Delta R.T. -0.000 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

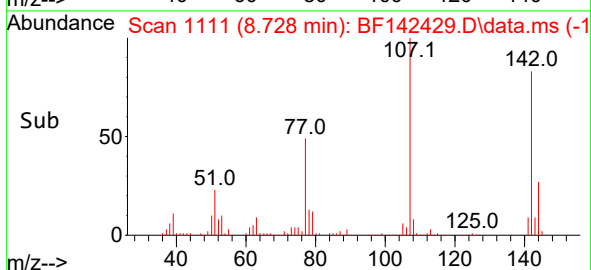
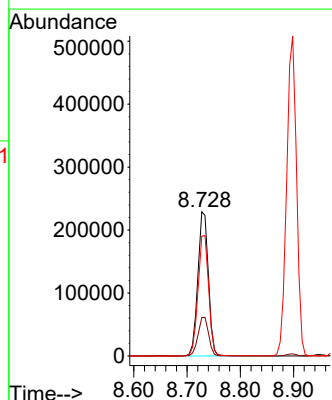
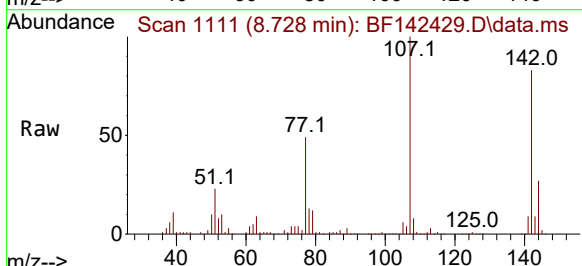
Tgt Ion:107 Resp: 314891

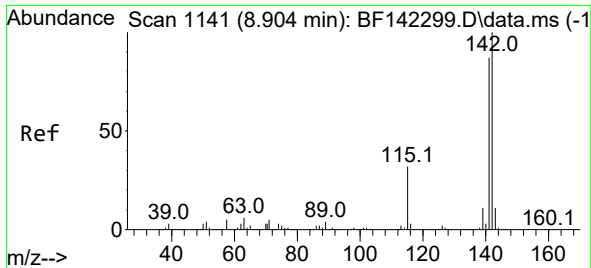
Ion Ratio Lower Upper

107 100

144 26.6 21.3 31.9

142 83.1 66.9 100.3

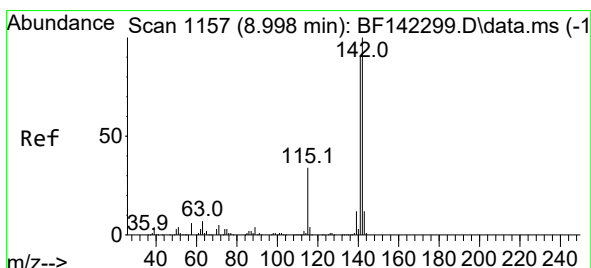
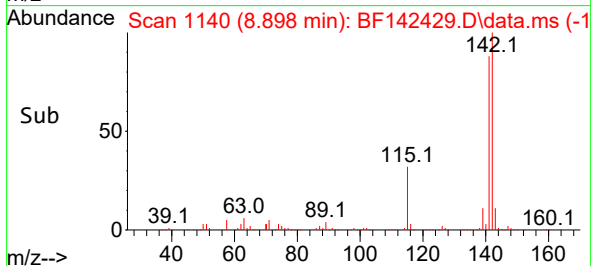
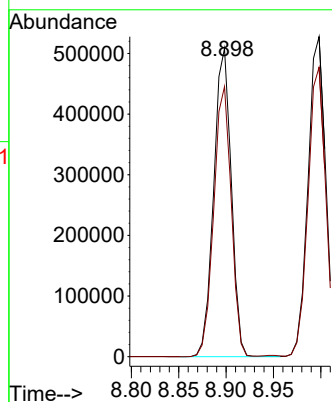
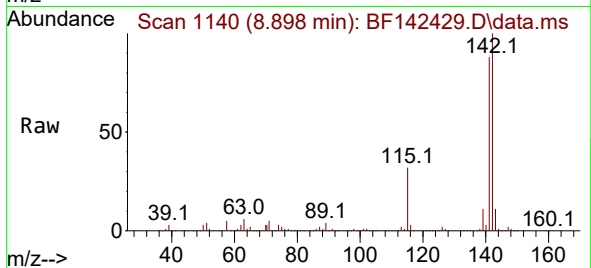




#37
2-Methylnaphthalene
Concen: 40.730 ng
RT: 8.898 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

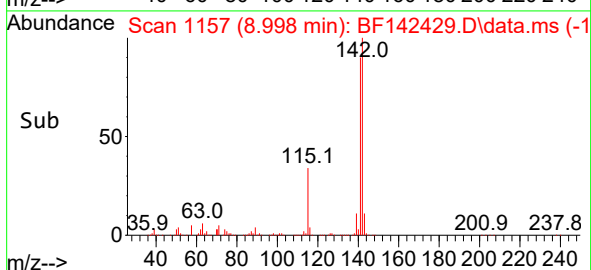
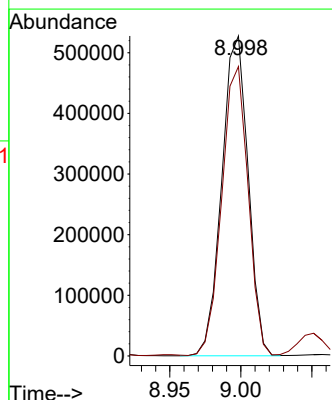
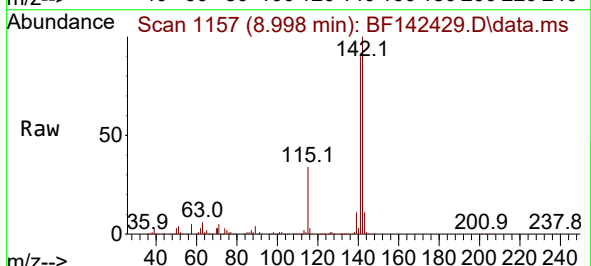
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

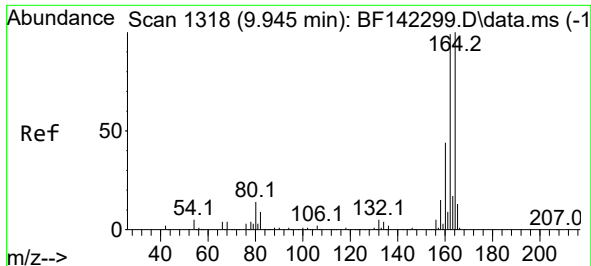
Tgt Ion:142 Resp: 655023
Ion Ratio Lower Upper
142 100
141 87.6 69.4 104.2



#38
1-Methylnaphthalene
Concen: 40.588 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion:142 Resp: 680335
Ion Ratio Lower Upper
142 100
141 90.4 72.5 108.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MSD

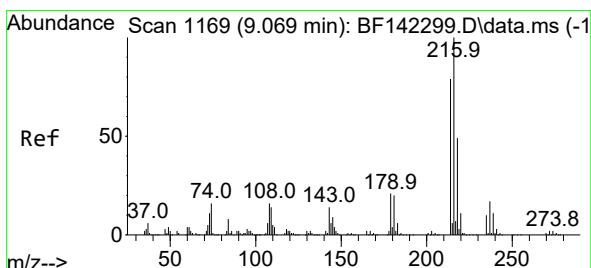
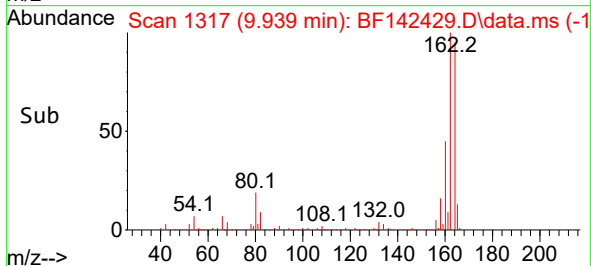
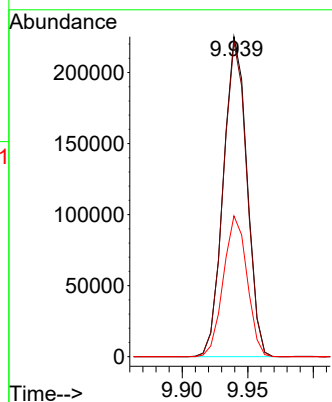
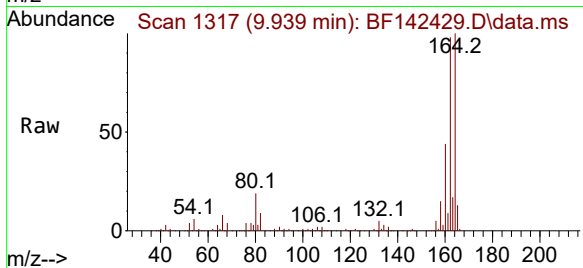
Tgt Ion:164 Resp: 281508

Ion Ratio Lower Upper

164 100

162 98.3 79.2 118.8

160 44.0 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.759 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Tgt Ion:216 Resp: 328317

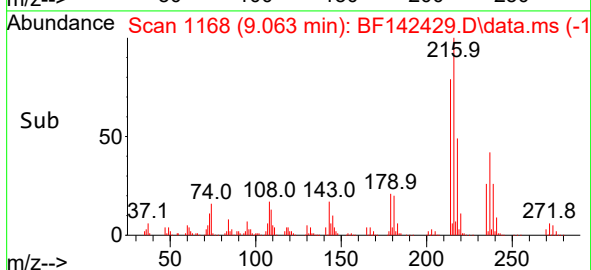
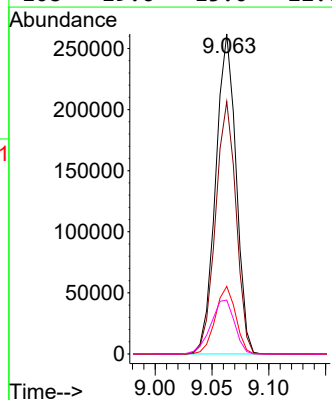
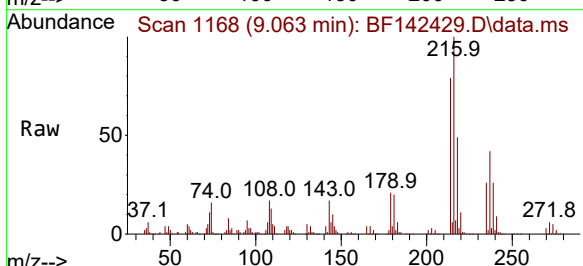
Ion Ratio Lower Upper

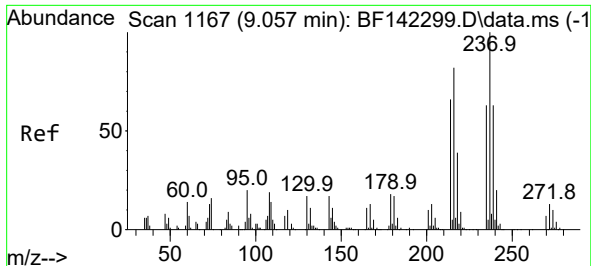
216 100

214 78.7 63.8 95.6

179 21.0 17.0 25.6

108 19.6 15.0 22.6

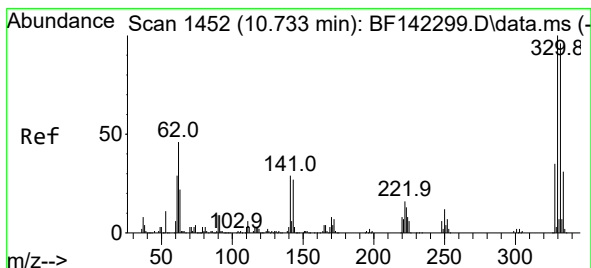
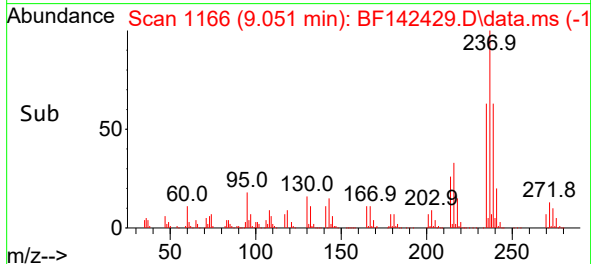
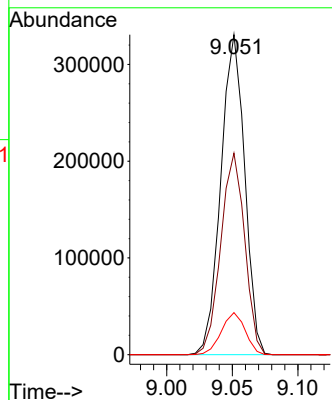
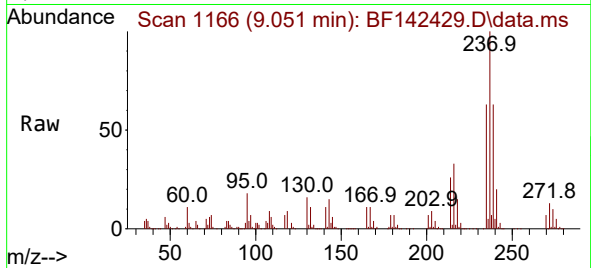




#41
Hexachlorocyclopentadiene
Concen: 86.151 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

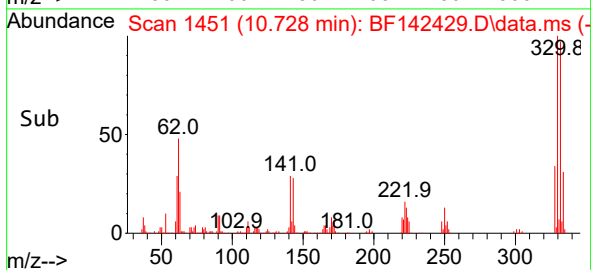
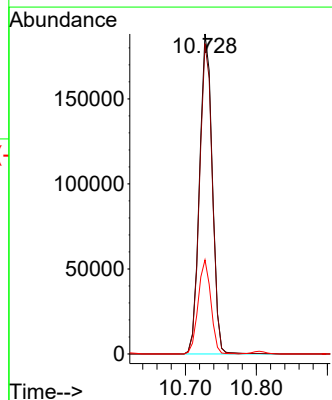
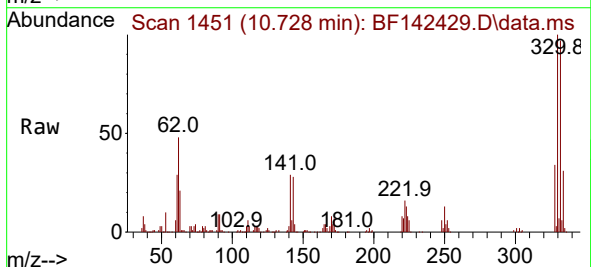
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

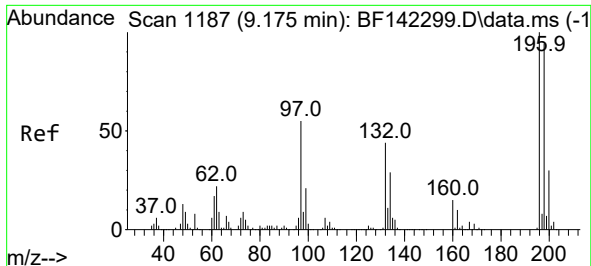
Tgt Ion: 237 Resp: 418614
Ion Ratio Lower Upper
237 100
235 62.9 42.8 82.8
272 13.1 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 86.597 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion: 330 Resp: 235363
Ion Ratio Lower Upper
330 100
332 97.0 76.8 115.2
141 29.2 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 46.688 ng

RT: 9.175 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MSD

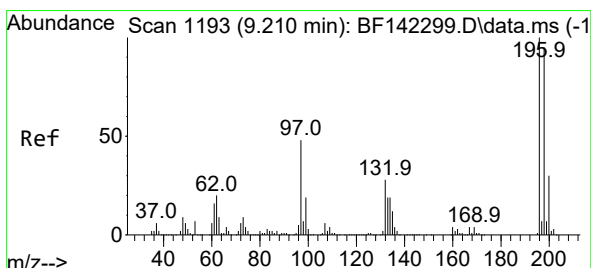
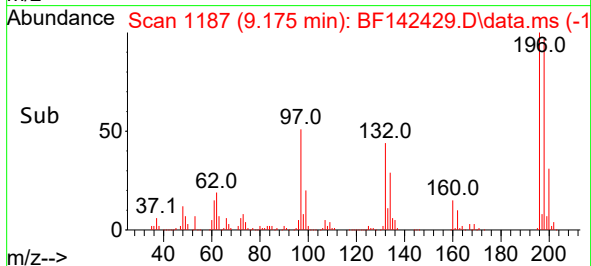
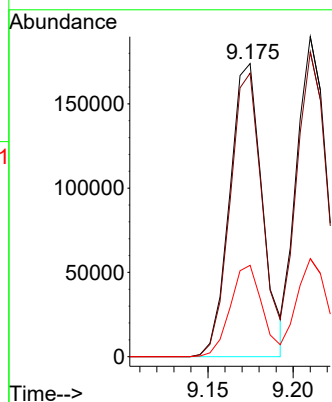
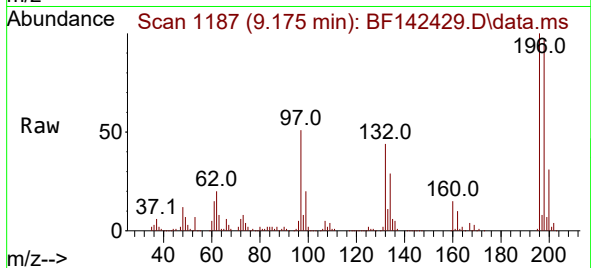
Tgt Ion:196 Resp: 231538

Ion Ratio Lower Upper

196 100

198 96.7 75.4 113.0

200 31.2 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 44.472 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Tgt Ion:196 Resp: 234662

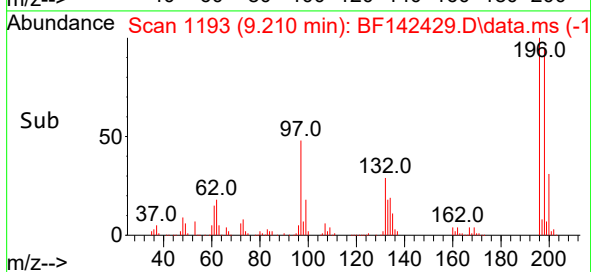
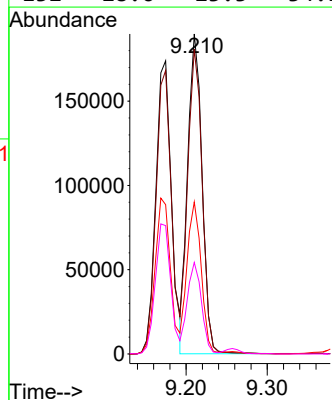
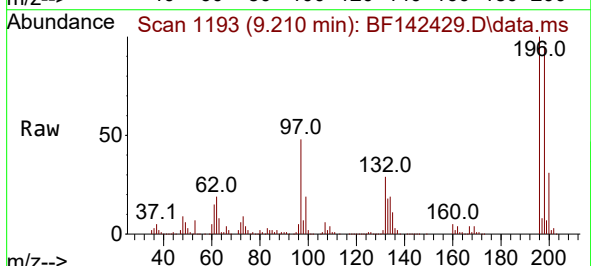
Ion Ratio Lower Upper

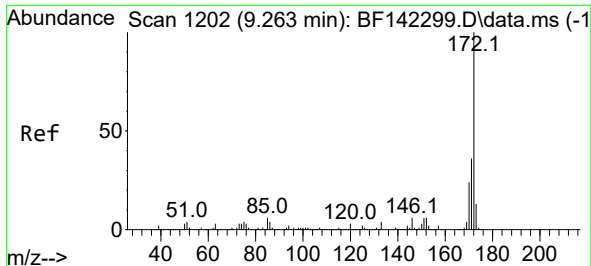
196 100

198 95.2 76.1 114.1

97 47.5 39.0 58.4

132 28.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 46.987 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MSD

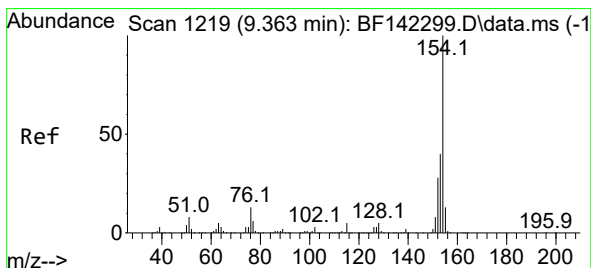
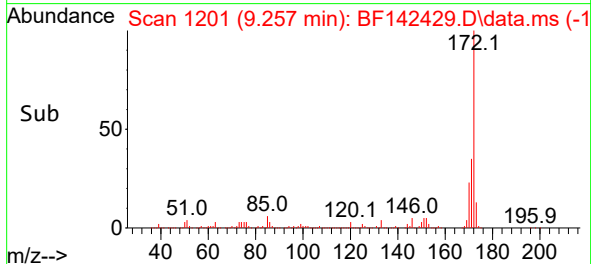
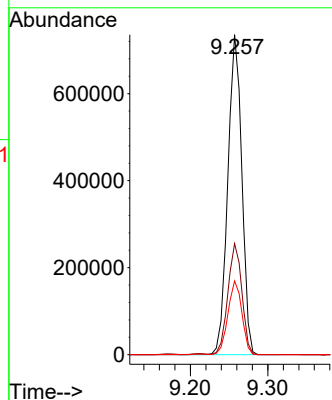
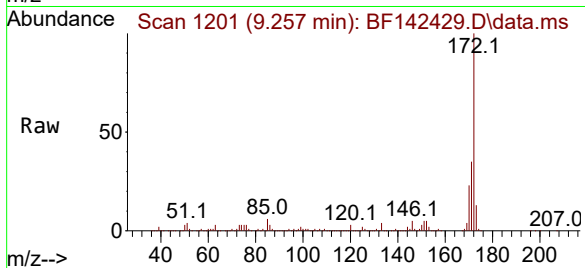
Tgt Ion:172 Resp: 927648

Ion Ratio Lower Upper

172 100

171 34.7 28.6 42.8

170 23.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 41.706 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

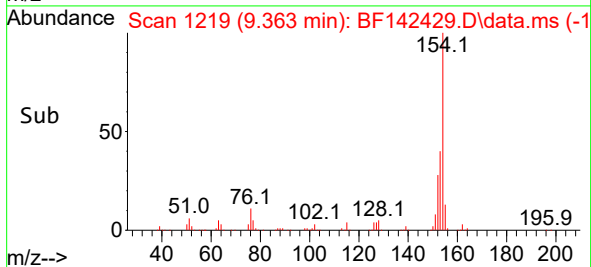
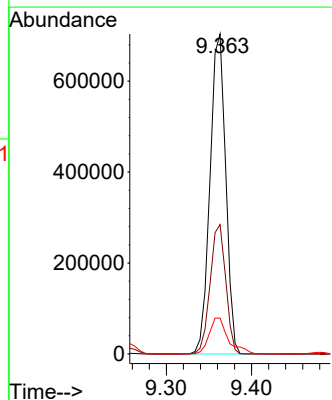
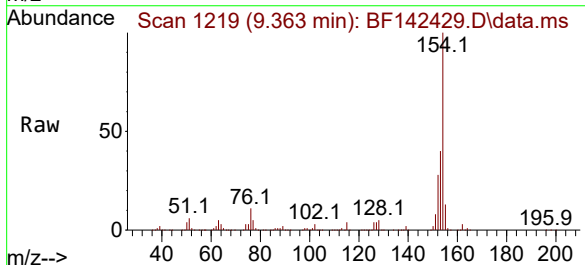
Tgt Ion:154 Resp: 900206

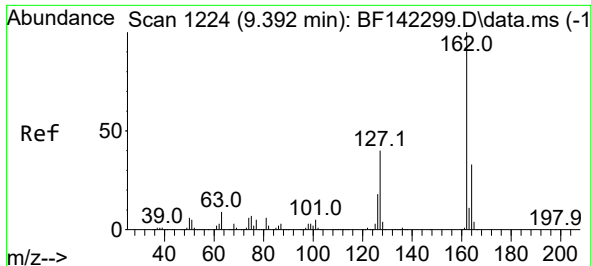
Ion Ratio Lower Upper

154 100

153 40.5 20.5 60.5

76 11.2 0.0 32.8





#47

2-Chloronaphthalene

Concen: 41.336 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MSD

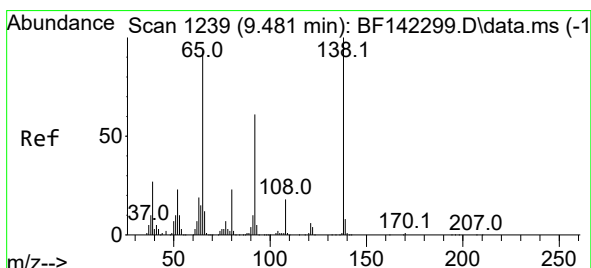
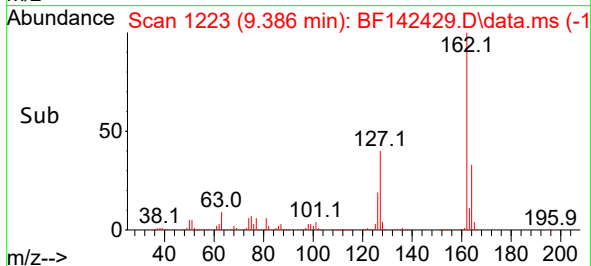
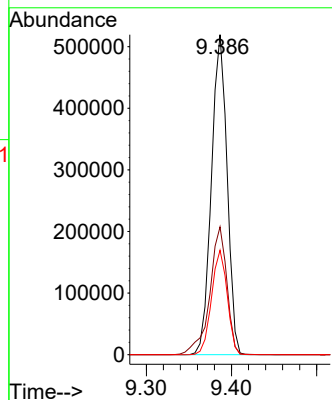
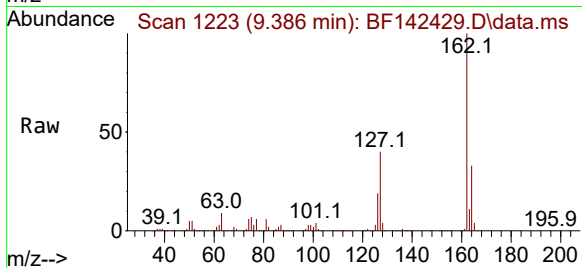
Tgt Ion:162 Resp: 663509

Ion Ratio Lower Upper

162 100

127 40.0 32.3 48.5

164 32.7 26.6 40.0



#48

2-Nitroaniline

Concen: 49.120 ng

RT: 9.481 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

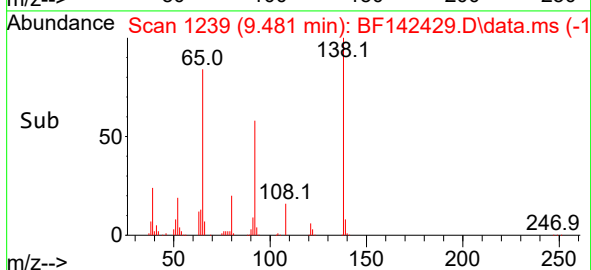
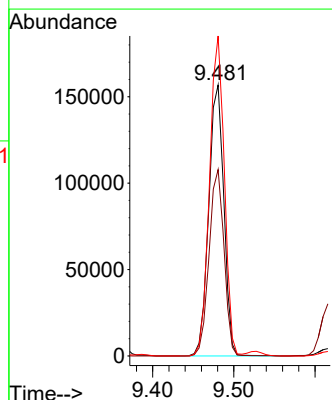
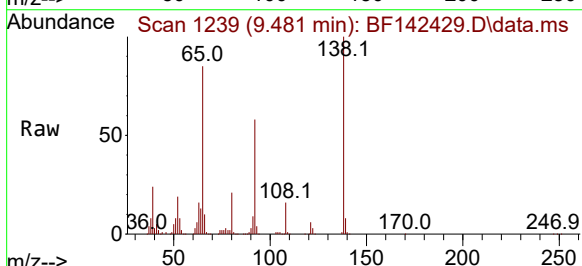
Tgt Ion: 65 Resp: 202099

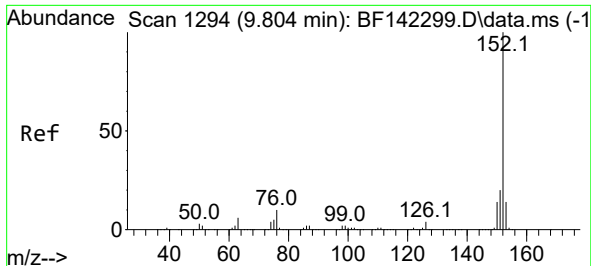
Ion Ratio Lower Upper

65 100

92 68.8 52.3 78.5

138 118.1 85.6 128.4

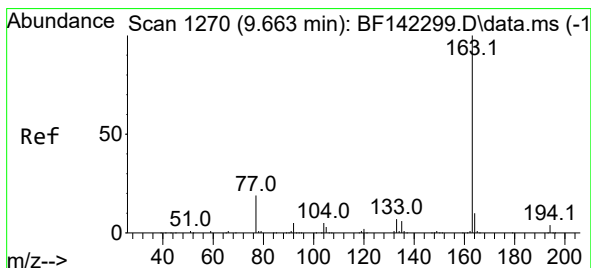
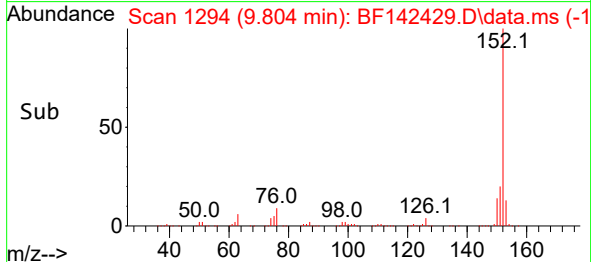
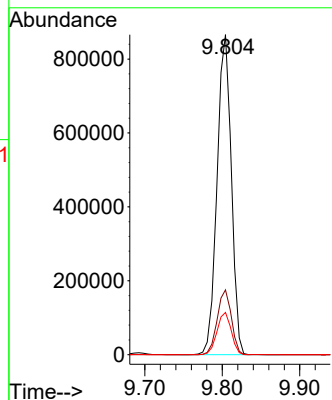
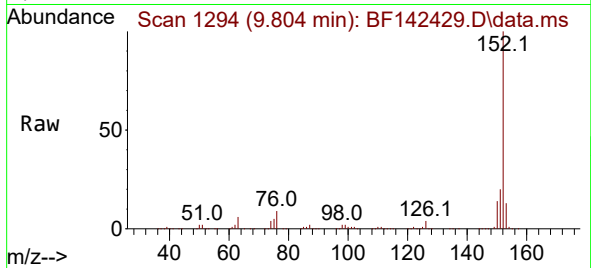




#49
Acenaphthylene
Concen: 41.114 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

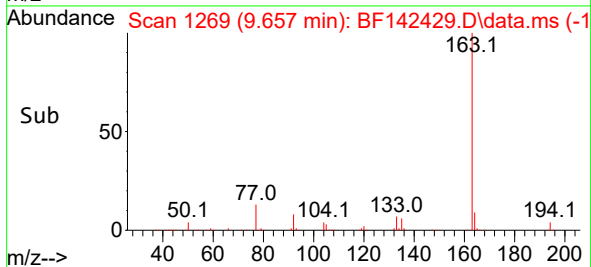
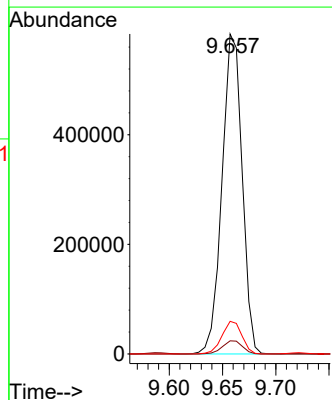
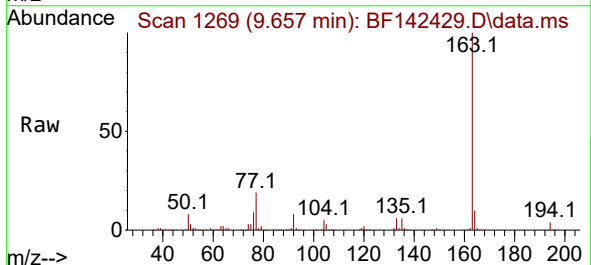
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

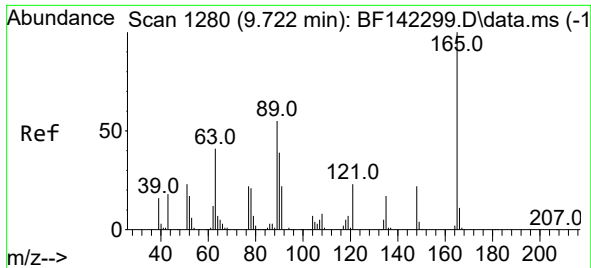
Tgt Ion:152 Resp: 1104014
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.2 10.8 16.2



#50
Dimethylphthalate
Concen: 42.348 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion:163 Resp: 765493
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.2 8.3 12.5

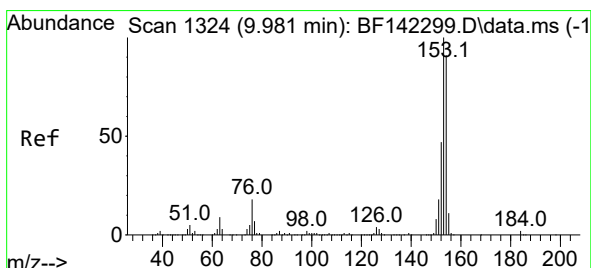
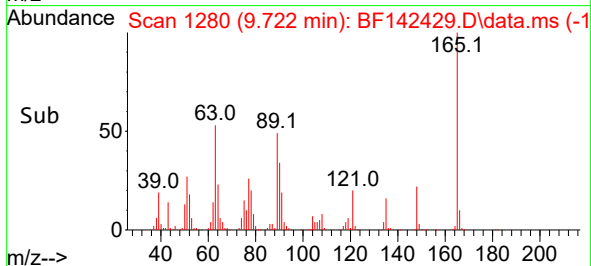
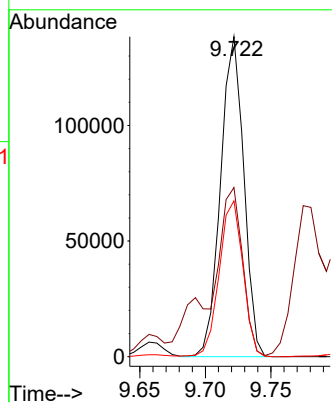
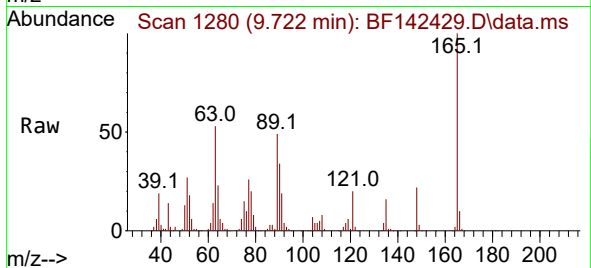




#51
2,6-Dinitrotoluene
Concen: 50.317 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

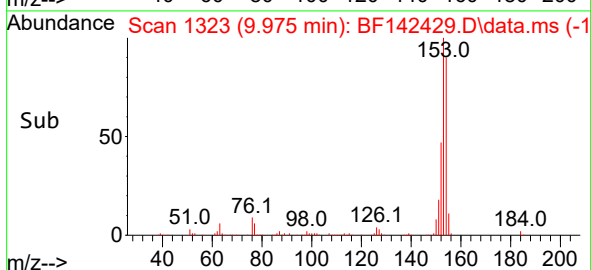
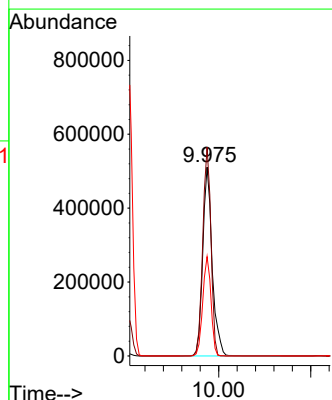
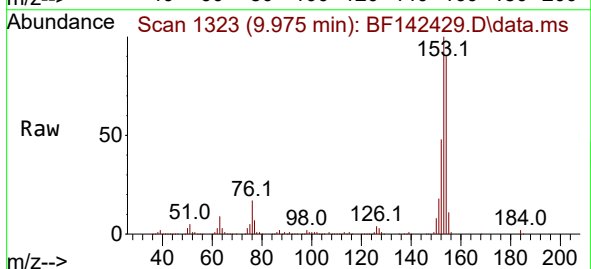
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

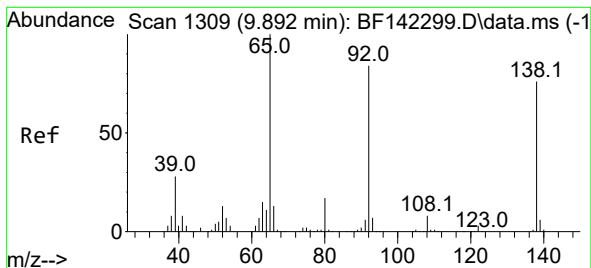
Tgt Ion:165 Resp: 170252
Ion Ratio Lower Upper
165 100
63 52.9 49.5 74.3
89 48.7 44.6 66.8



#52
Acenaphthene
Concen: 45.378 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion:154 Resp: 732671
Ion Ratio Lower Upper
154 100
153 110.7 88.0 132.0
152 52.7 41.6 62.4





#53

3-Nitroaniline

Concen: 22.945 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MSD

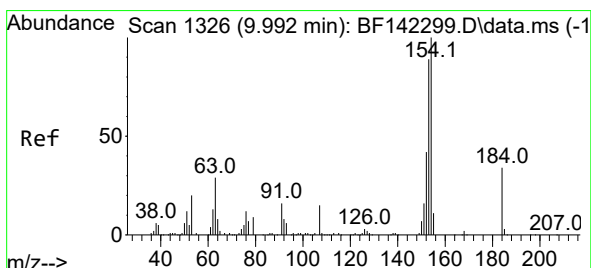
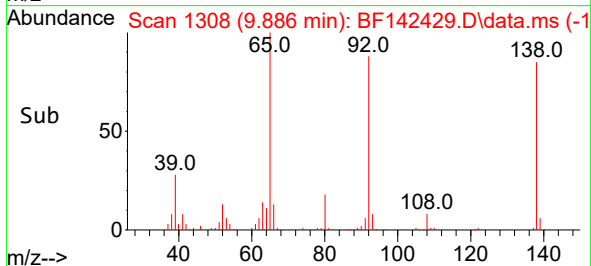
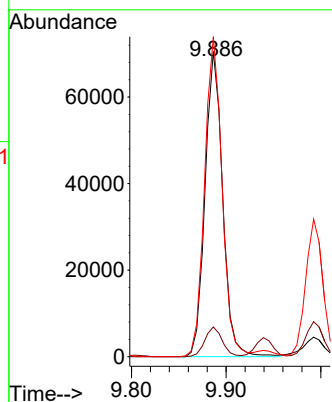
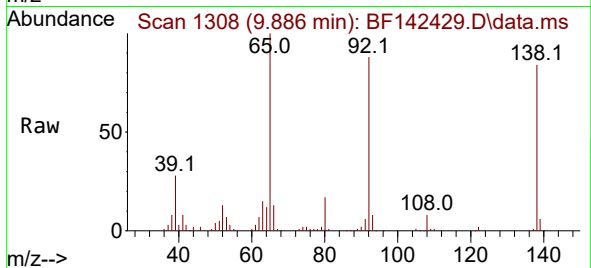
Tgt Ion:138 Resp: 91053

Ion Ratio Lower Upper

138 100

108 9.8 8.7 13.1

92 104.9 89.5 134.3



#54

2,4-Dinitrophenol

Concen: 98.467 ng

RT: 9.992 min Scan# 1326

Delta R.T. 0.000 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

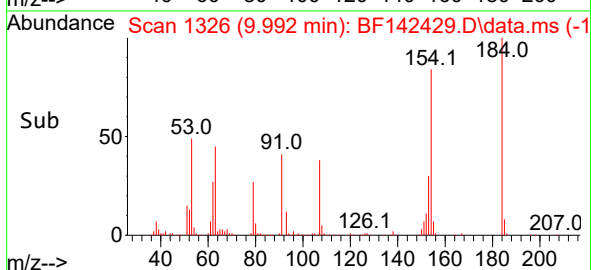
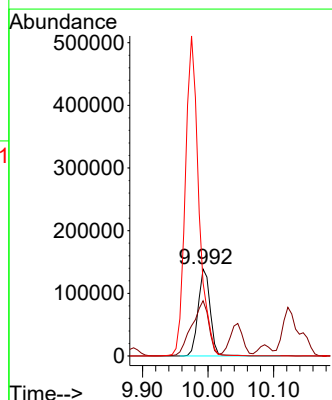
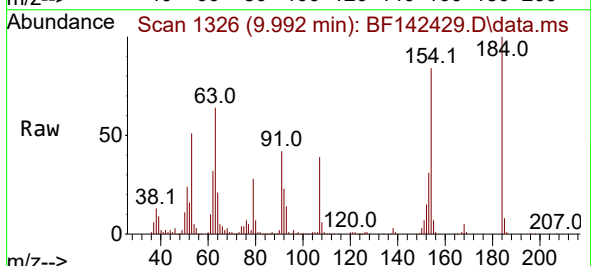
Tgt Ion:184 Resp: 177767

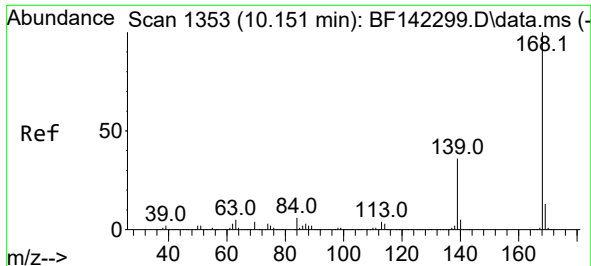
Ion Ratio Lower Upper

184 100

63 63.6 70.6 105.8#

154 84.2 257.2 385.8#

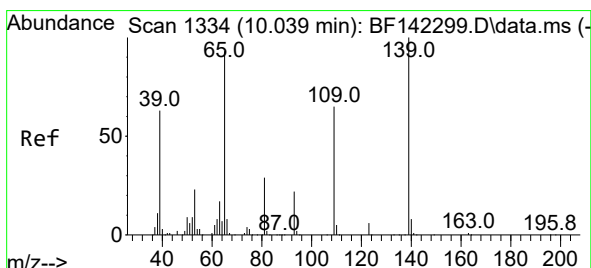
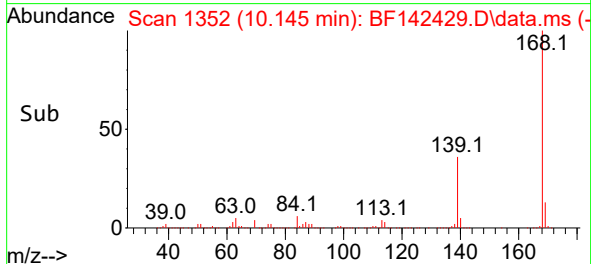
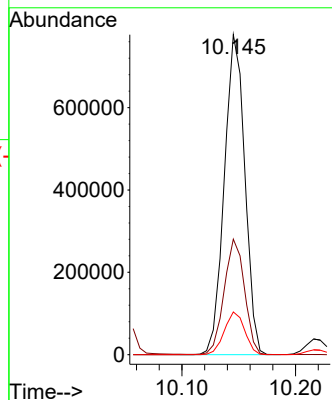
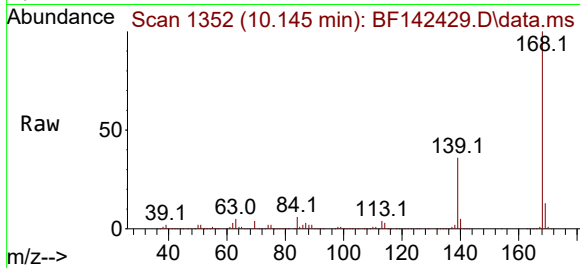




#55
Dibenzofuran
Concen: 40.974 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

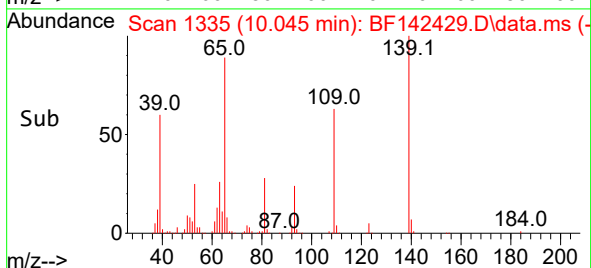
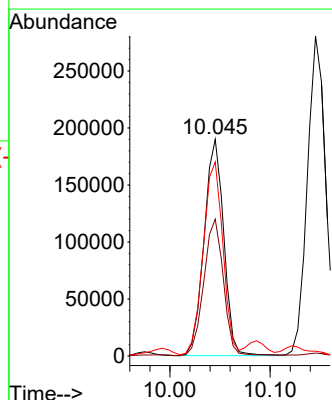
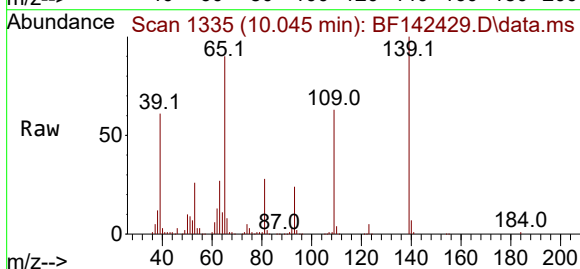
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

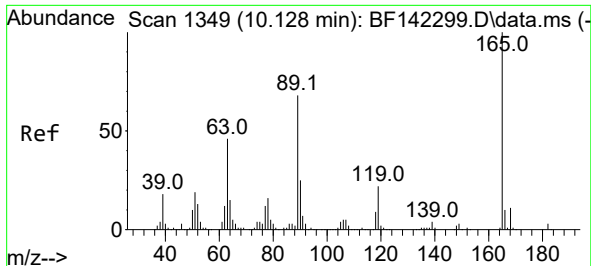
Tgt Ion:168 Resp: 976347
Ion Ratio Lower Upper
168 100
139 36.1 29.0 43.4
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 86.899 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion:139 Resp: 259533
Ion Ratio Lower Upper
139 100
109 63.1 45.3 85.3
65 89.6 73.9 113.9

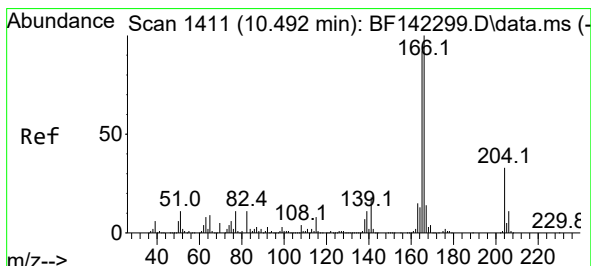
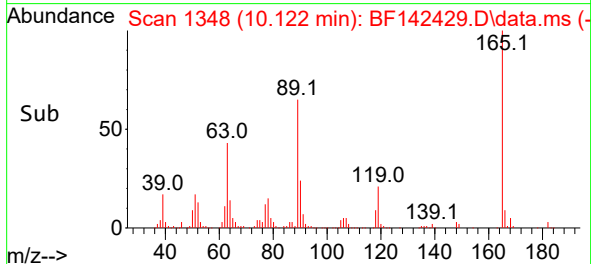
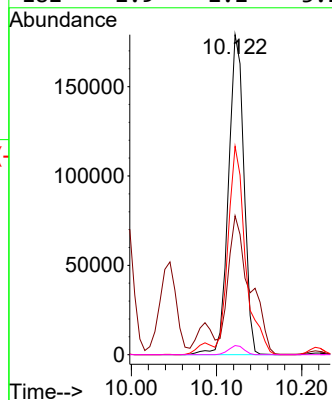
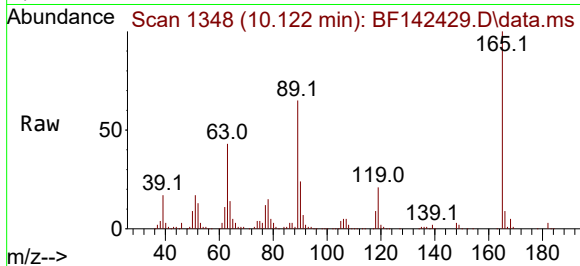




#57
2,4-Dinitrotoluene
Concen: 52.188 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

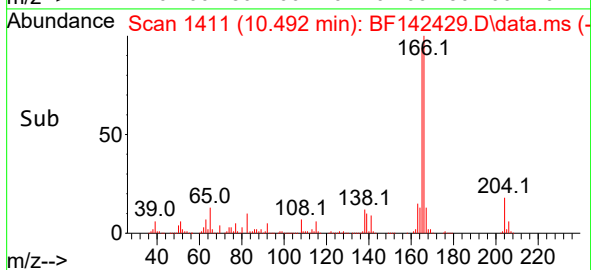
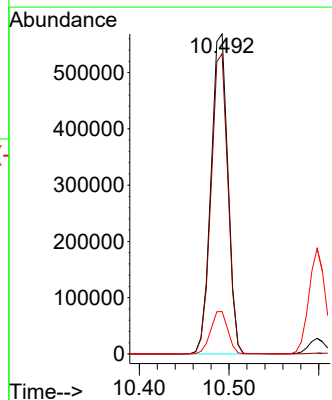
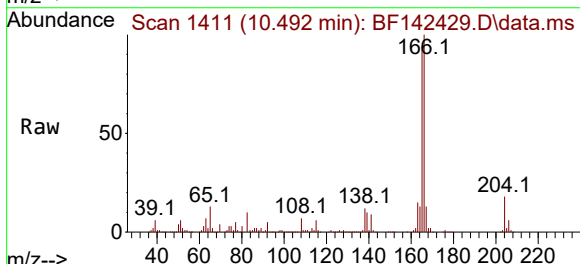
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

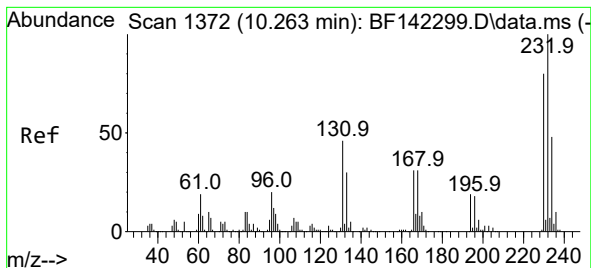
Tgt Ion:165 Resp: 226504
Ion Ratio Lower Upper
165 100
63 43.4 37.1 55.7
89 65.1 54.4 81.6
182 2.9 2.2 3.2



#58
Fluorene
Concen: 40.875 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion:166 Resp: 743311
Ion Ratio Lower Upper
166 100
165 93.8 74.0 111.0
167 13.3 10.9 16.3

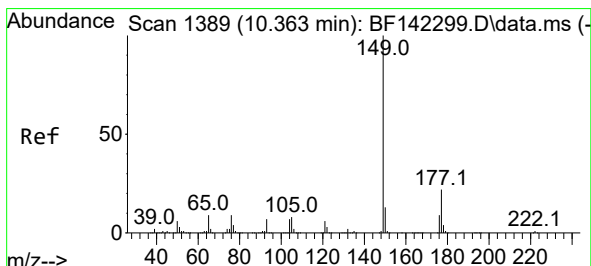
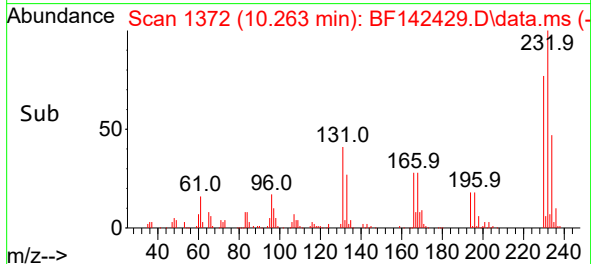
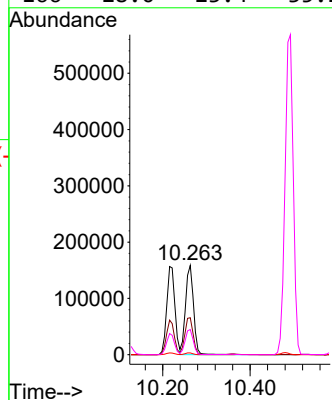
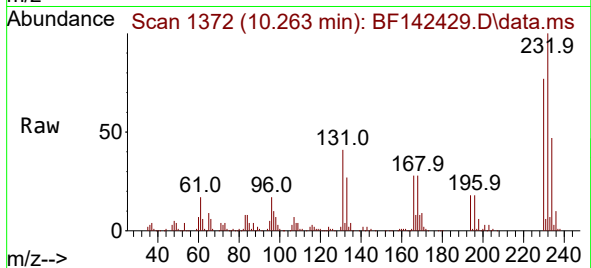




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.086 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

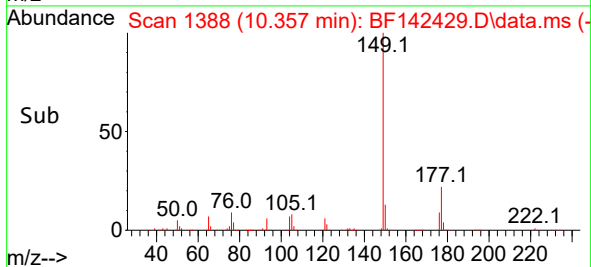
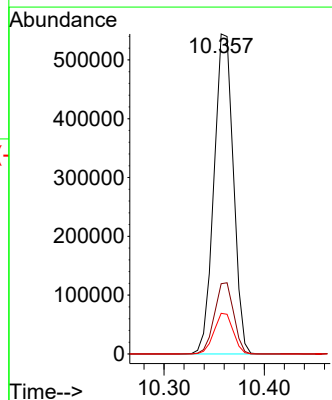
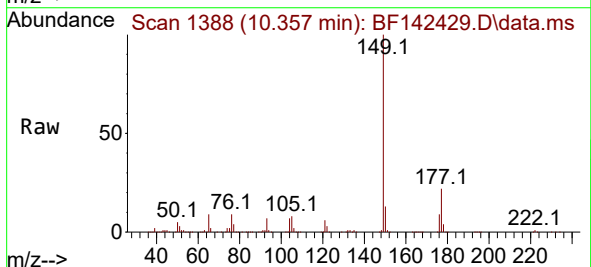
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

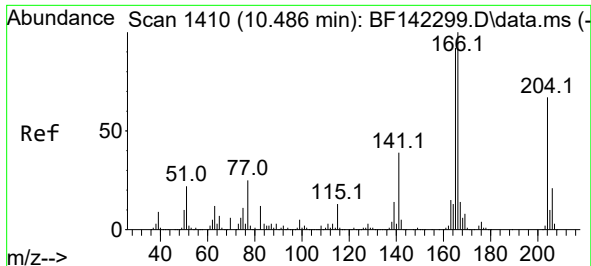
Tgt Ion:232 Resp: 200749
Ion Ratio Lower Upper
232 100
131 42.4 36.0 54.0
130 2.0 1.8 2.6
166 28.0 23.4 35.2



#60
Diethylphthalate
Concen: 40.338 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion:149 Resp: 728183
Ion Ratio Lower Upper
149 100
177 21.9 17.6 26.4
150 12.7 10.1 15.1

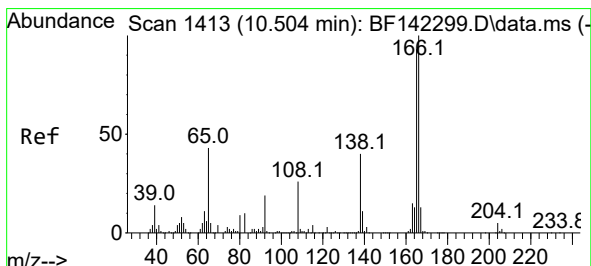
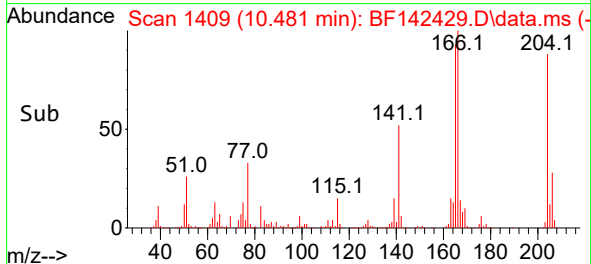
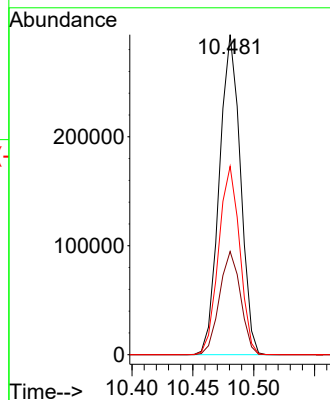
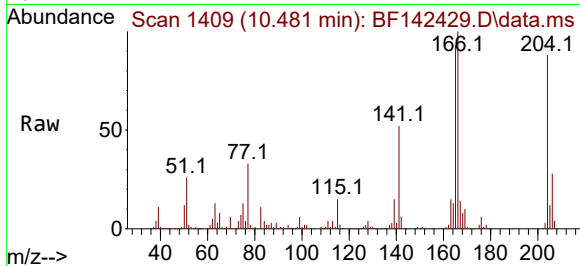




#61
4-Chlorophenyl-phenylether
Concen: 40.368 ng
RT: 10.481 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

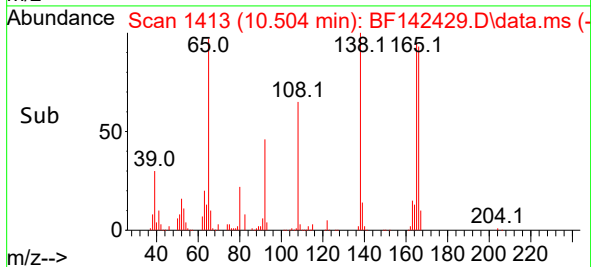
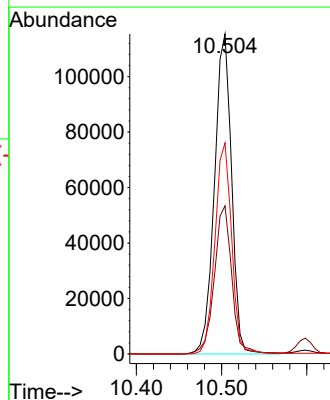
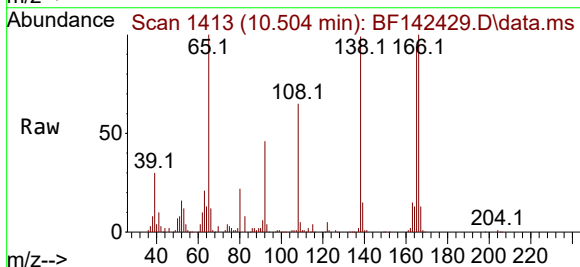
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

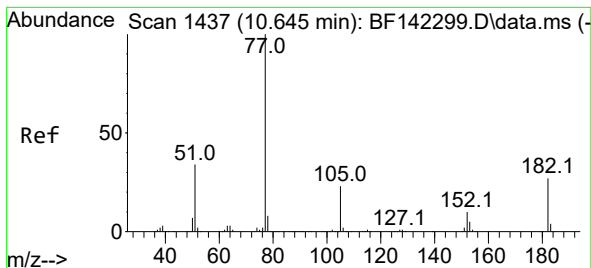
Tgt Ion:204 Resp: 354162
Ion Ratio Lower Upper
204 100
206 32.2 25.5 38.3
141 58.8 46.4 69.6



#62
4-Nitroaniline
Concen: 51.241 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion:138 Resp: 161160
Ion Ratio Lower Upper
138 100
92 46.3 27.3 67.3
108 66.0 45.1 85.1





#63

Azobenzene

Concen: 42.824 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MSD

Tgt Ion: 77 Resp: 738724

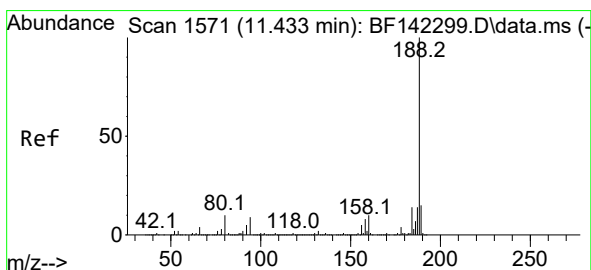
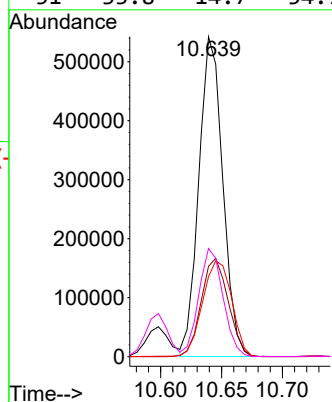
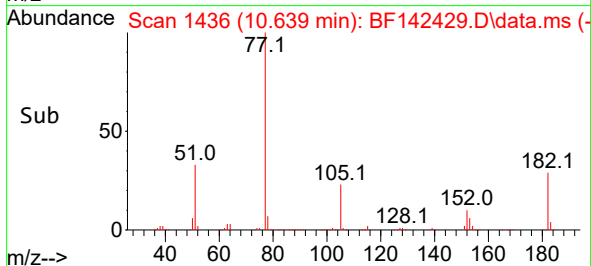
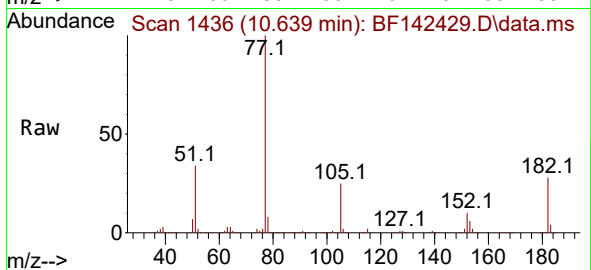
Ion Ratio Lower Upper

77 100

182 28.3 6.9 46.9

105 25.0 2.7 42.7

51 33.8 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

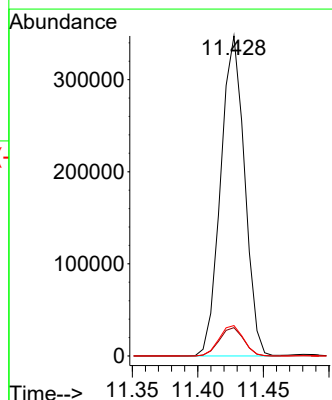
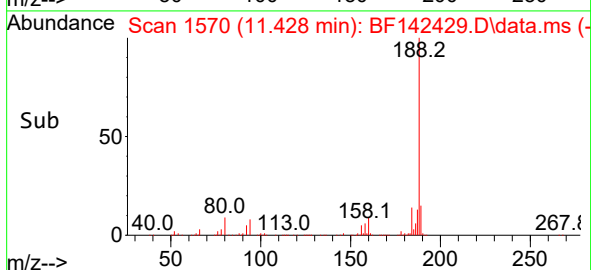
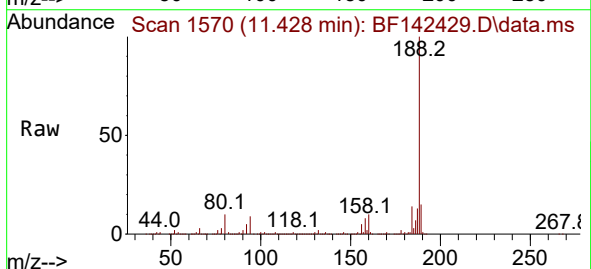
Tgt Ion:188 Resp: 440790

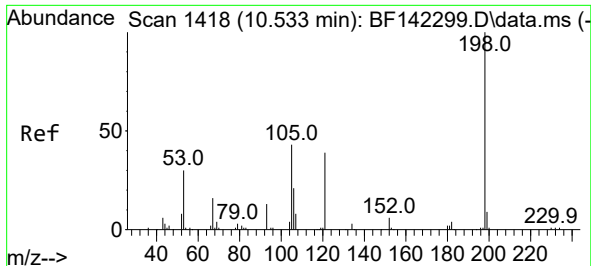
Ion Ratio Lower Upper

188 100

94 8.9 7.5 11.3

80 9.5 7.9 11.9

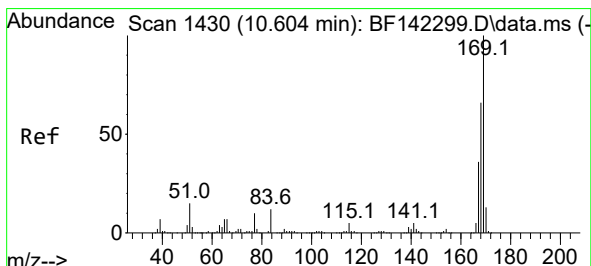
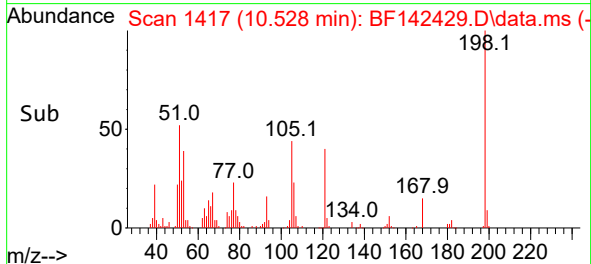
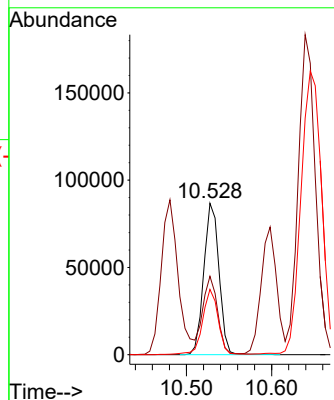
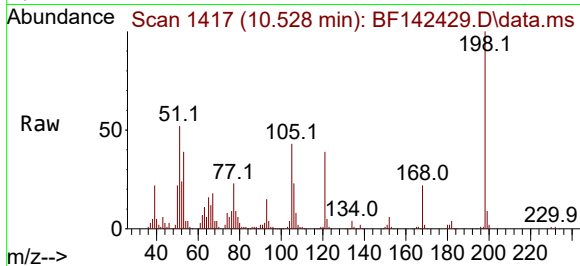




#65
4,6-Dinitro-2-methylphenol
Concen: 51.742 ng
RT: 10.528 min Scan# 1418
Delta R.T. -0.005 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

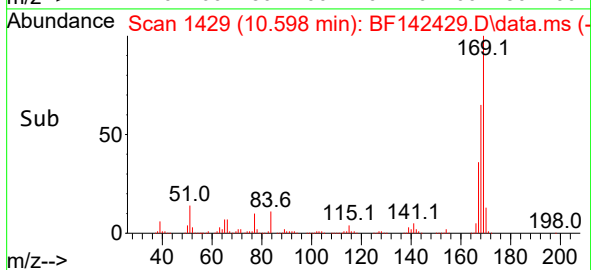
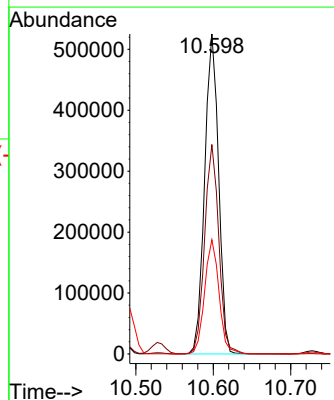
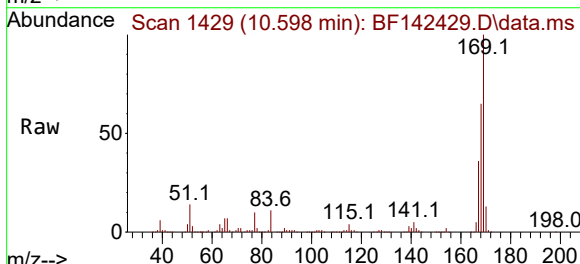
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

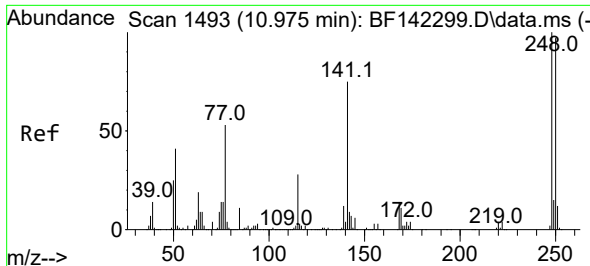
Tgt Ion:198 Resp: 107669
Ion Ratio Lower Upper
198 100
51 51.8 32.9 72.9
105 43.1 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 44.666 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion:169 Resp: 655155
Ion Ratio Lower Upper
169 100
168 65.4 53.2 79.8
167 35.7 28.9 43.3

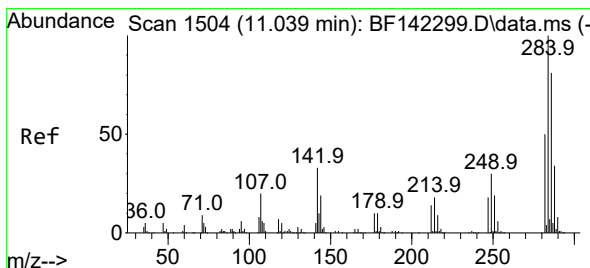
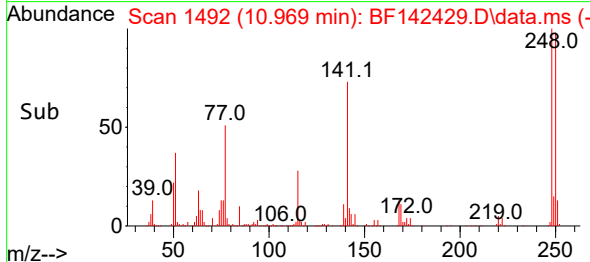
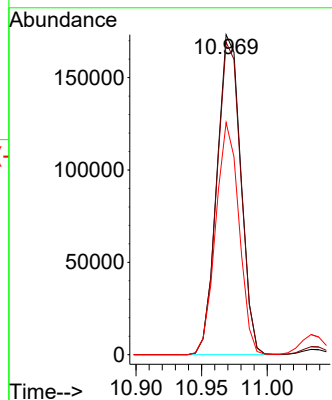
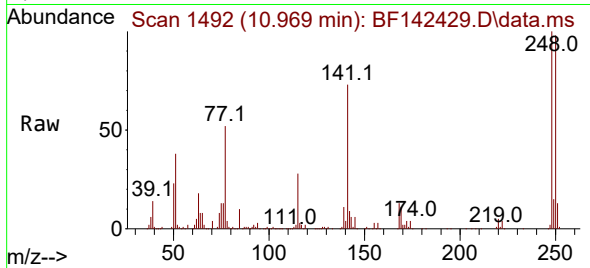




#67
 4-Bromophenyl-phenylether
 Concen: 44.032 ng
 RT: 10.969 min Scan# 1492
 Delta R.T. -0.006 min
 Lab File: BF142429.D
 Acq: 16 May 2025 16:15

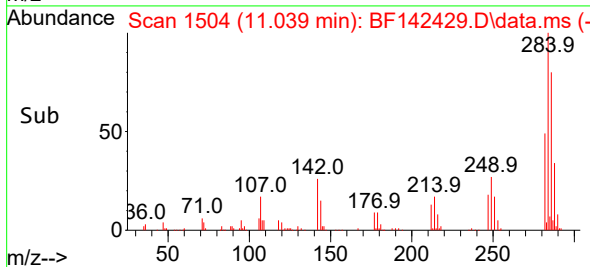
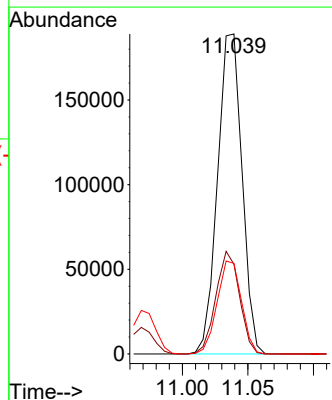
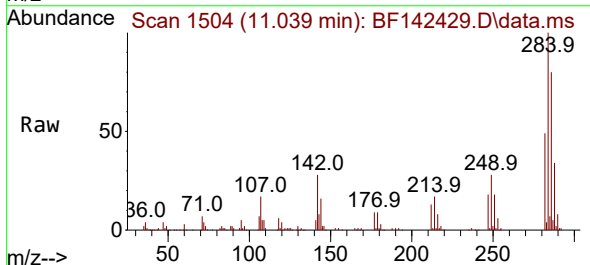
Instrument :
 BNA_F
 ClientSampleId :
 L3-WC-1MSD

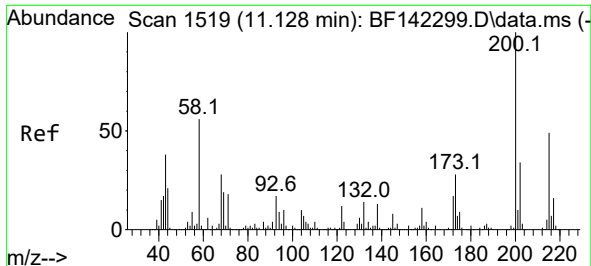
Tgt Ion:248 Resp: 219967
 Ion Ratio Lower Upper
 248 100
 250 97.7 77.9 116.9
 141 72.5 59.8 89.8



#68
 Hexachlorobenzene
 Concen: 44.599 ng
 RT: 11.039 min Scan# 1504
 Delta R.T. -0.000 min
 Lab File: BF142429.D
 Acq: 16 May 2025 16:15

Tgt Ion:284 Resp: 245073
 Ion Ratio Lower Upper
 284 100
 142 28.1 26.6 39.8
 249 28.3 24.1 36.1

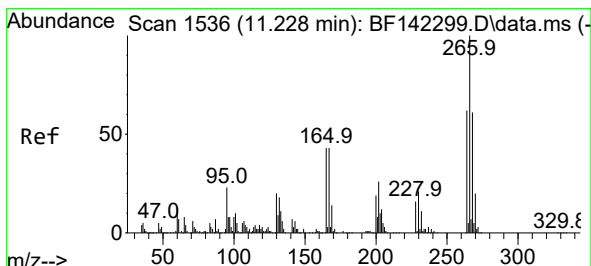
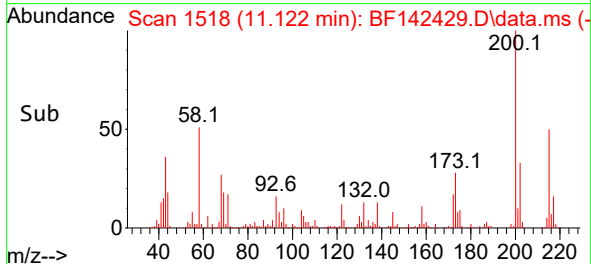
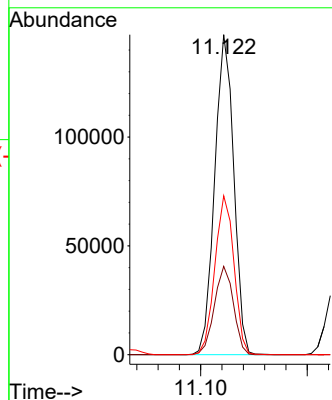
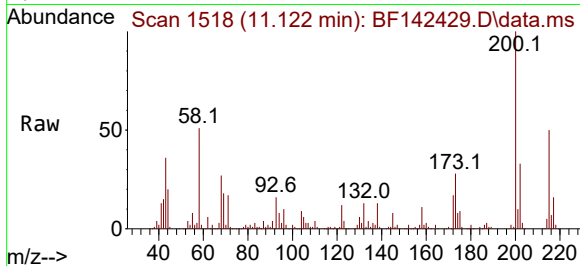




#69
Atrazine
Concen: 47.170 ng
RT: 11.122 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

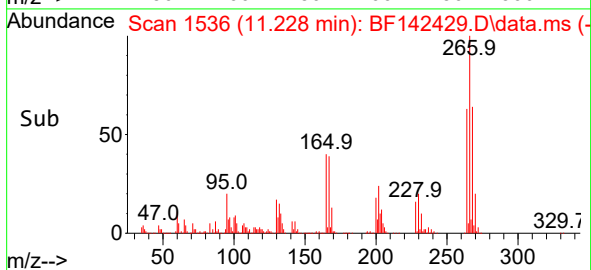
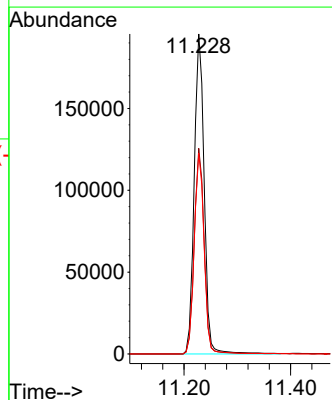
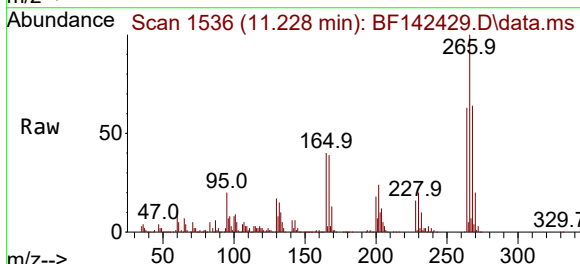
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

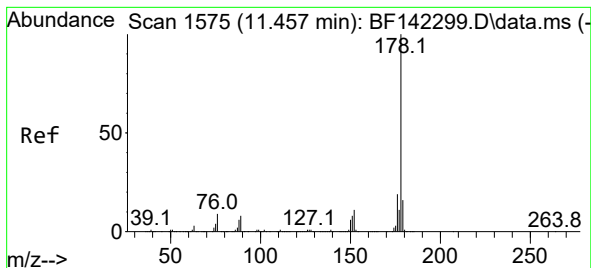
Tgt Ion:200 Resp: 182381
Ion Ratio Lower Upper
200 100
173 27.6 8.1 48.1
215 49.6 28.8 68.8



#70
Pentachlorophenol
Concen: 88.055 ng
RT: 11.228 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion:266 Resp: 254550
Ion Ratio Lower Upper
266 100
268 64.2 48.7 73.1
264 62.7 49.8 74.6





#71

Phenanthrene

Concen: 41.743 ng

RT: 11.451 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MSD

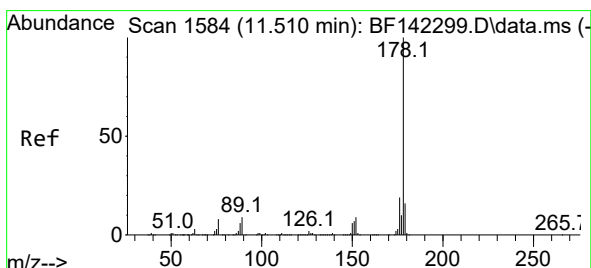
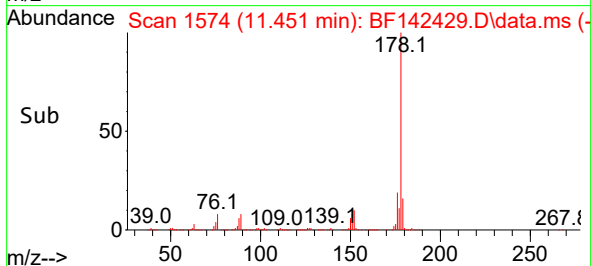
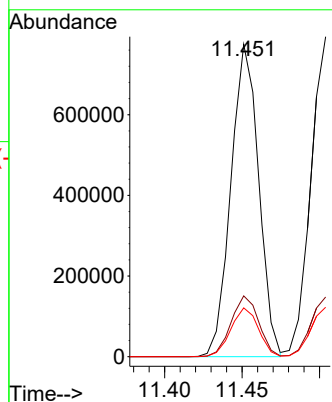
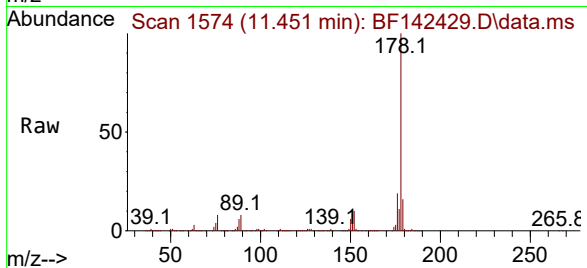
Tgt Ion:178 Resp: 964480

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.6 12.6 18.8



#72

Anthracene

Concen: 41.338 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

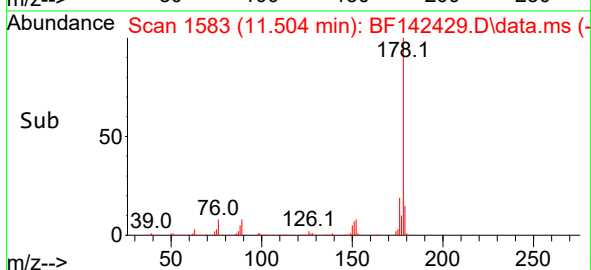
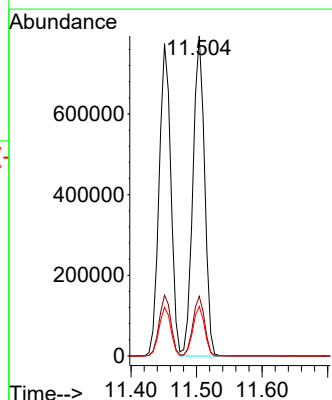
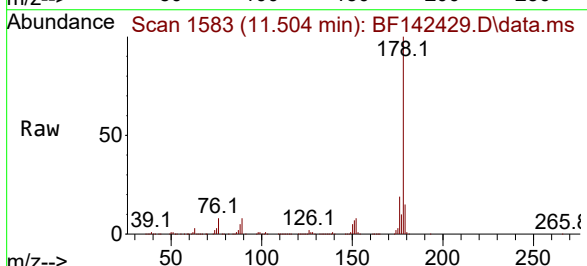
Tgt Ion:178 Resp: 981374

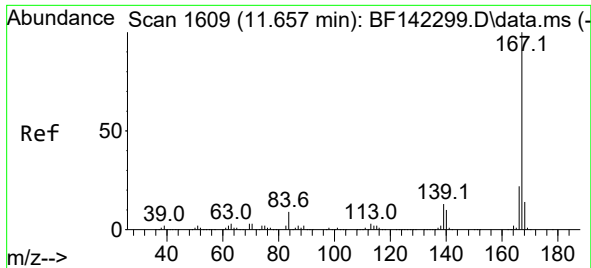
Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 15.5 12.6 18.8

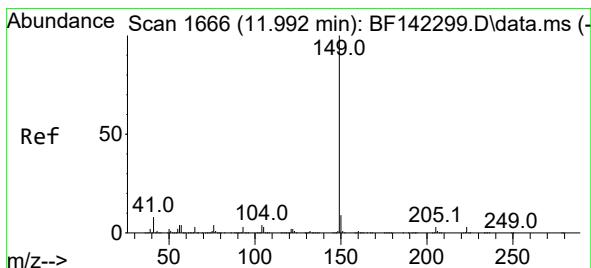
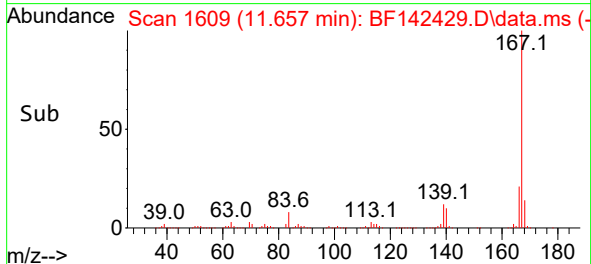
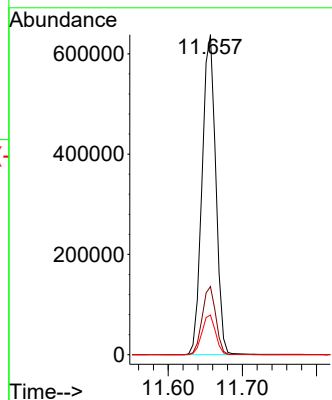
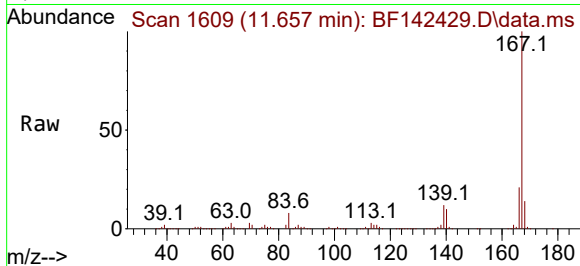




#73
 Carbazole
 Concen: 38.373 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF142429.D
 Acq: 16 May 2025 16:15

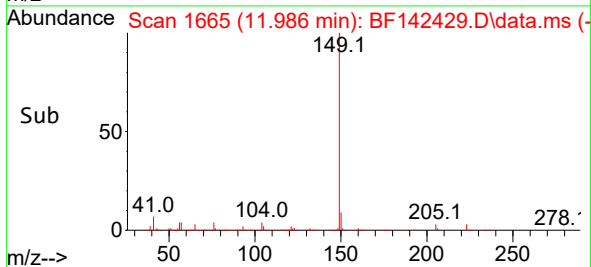
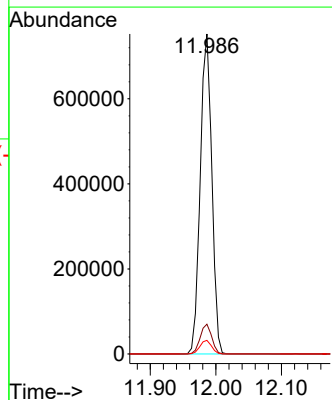
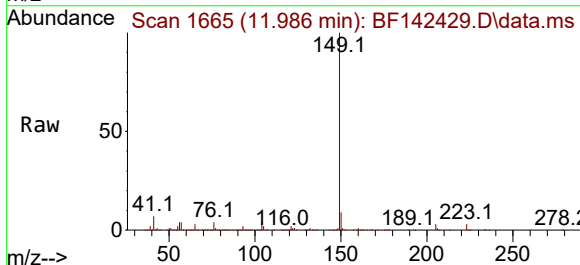
Instrument :
 BNA_F
 ClientSampleId :
 L3-WC-1MSD

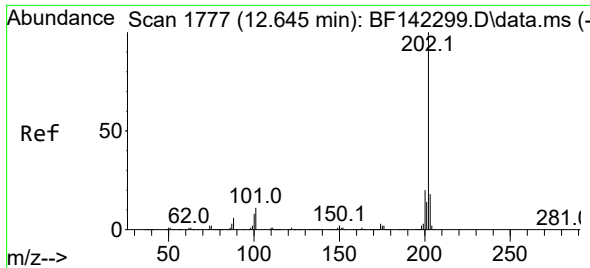
Tgt Ion:167 Resp: 817313
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.4 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 41.286 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142429.D
 Acq: 16 May 2025 16:15

Tgt Ion:149 Resp: 924662
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.3 3.6 5.4

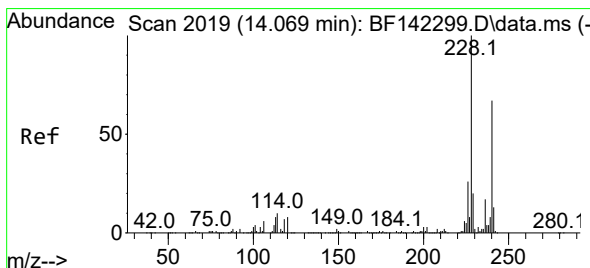
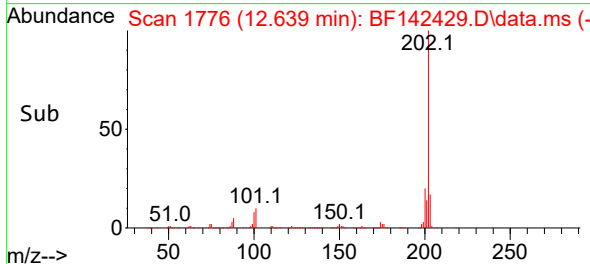
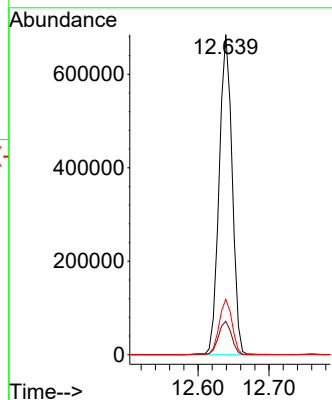
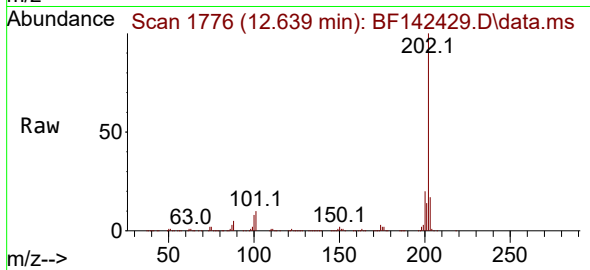




#75
Fluoranthene
Concen: 37.455 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

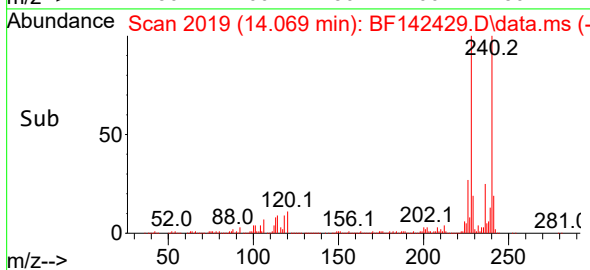
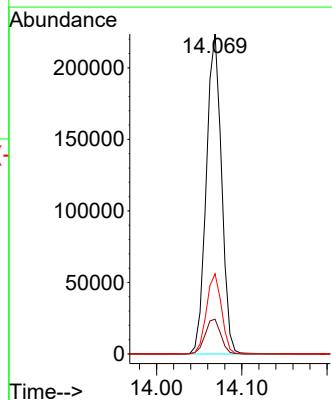
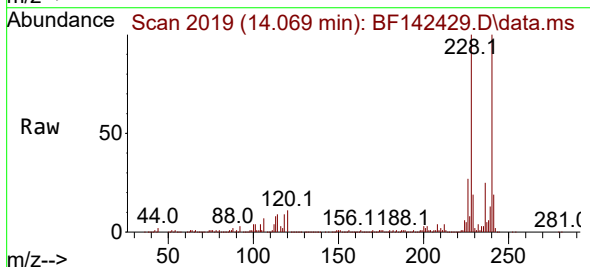
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

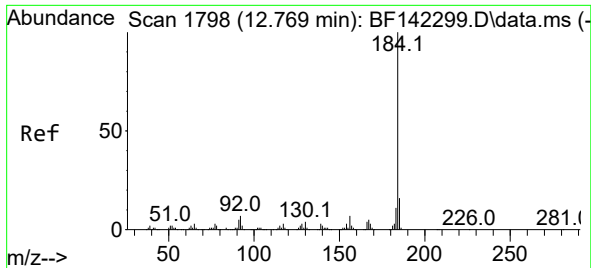
Tgt Ion:202 Resp: 865079
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 17.3 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion:240 Resp: 277471
Ion Ratio Lower Upper
240 100
120 10.9 9.7 14.5
236 25.1 20.0 30.0

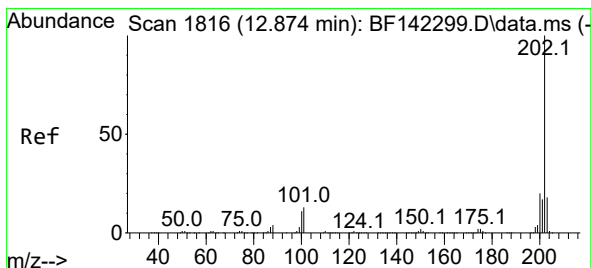
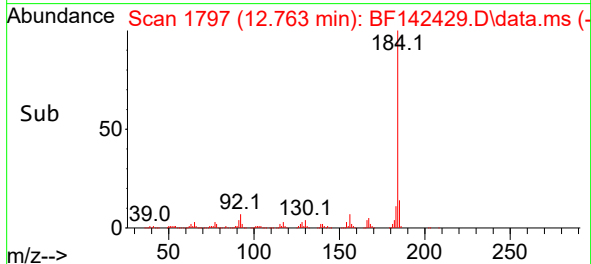
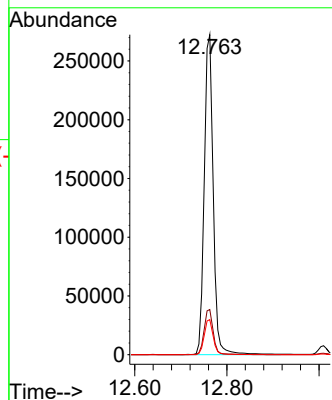
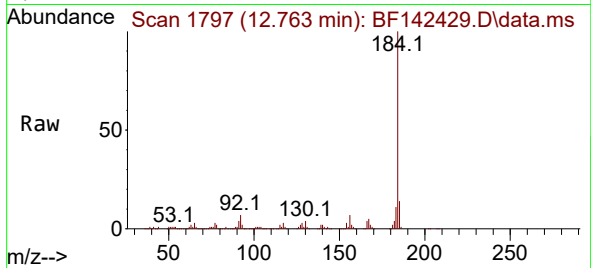




#77
Benzidine
Concen: 73.839 ng
RT: 12.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

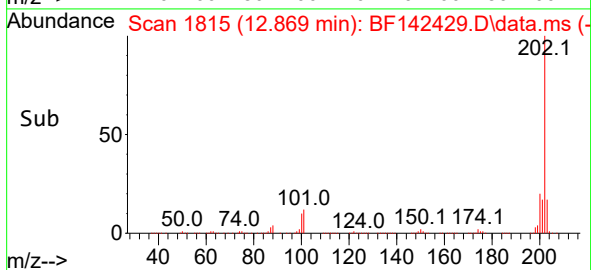
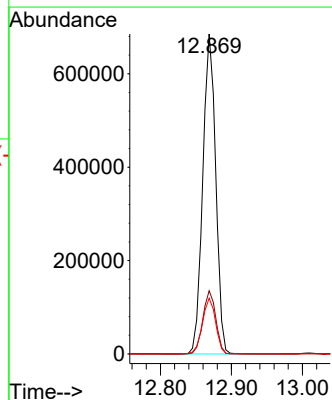
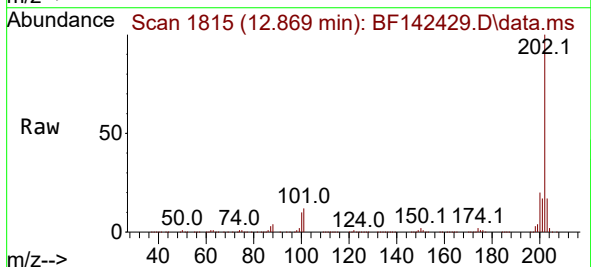
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

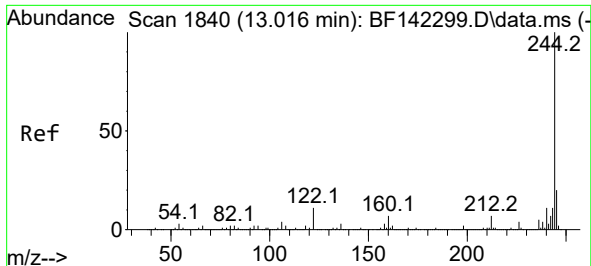
Tgt Ion:184 Resp: 372327
Ion Ratio Lower Upper
184 100
185 14.1 12.6 18.8
183 11.0 8.6 12.8



#78
Pyrene
Concen: 35.246 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion:202 Resp: 870488
Ion Ratio Lower Upper
202 100
200 19.8 16.2 24.4
203 17.4 14.3 21.5

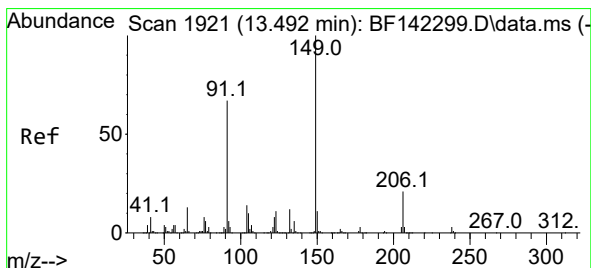
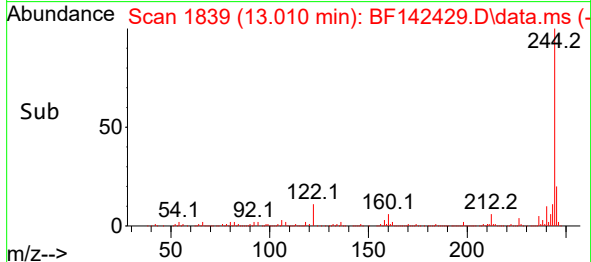
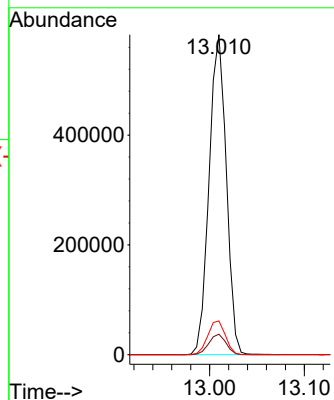
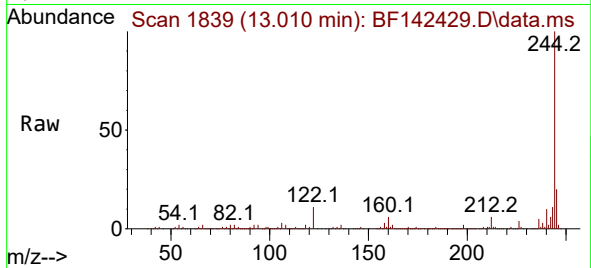




#79
 Terphenyl-d14
 Concen: 39.172 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142429.D
 Acq: 16 May 2025 16:15

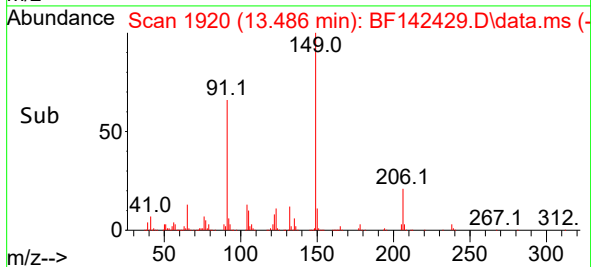
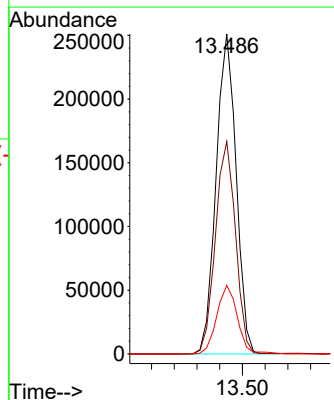
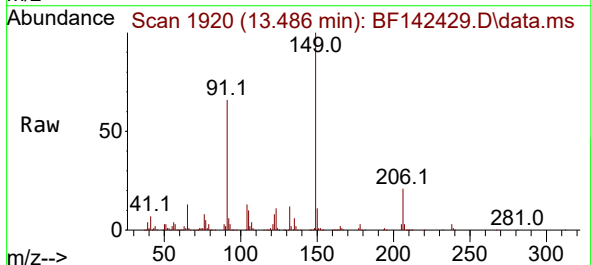
Instrument :
 BNA_F
 ClientSampleId :
 L3-WC-1MSD

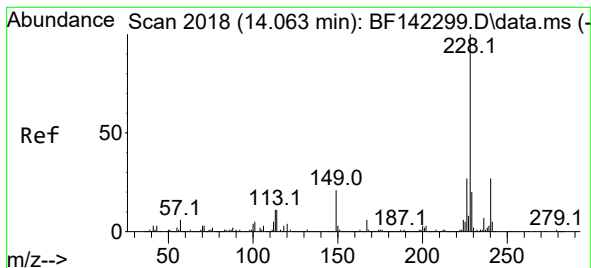
Tgt Ion:244 Resp: 734340
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.2
 122 10.5 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 43.154 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142429.D
 Acq: 16 May 2025 16:15

Tgt Ion:149 Resp: 308152
 Ion Ratio Lower Upper
 149 100
 91 66.4 53.8 80.6
 206 21.4 16.6 24.8





#81

Benzo(a)anthracene

Concen: 43.187 ng

RT: 14.057 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MSD

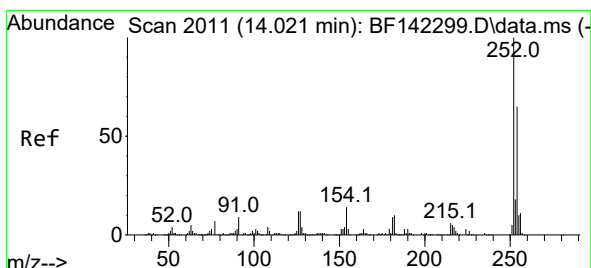
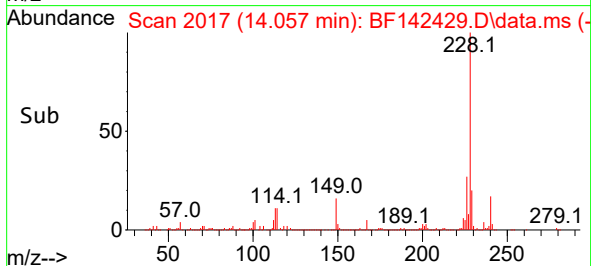
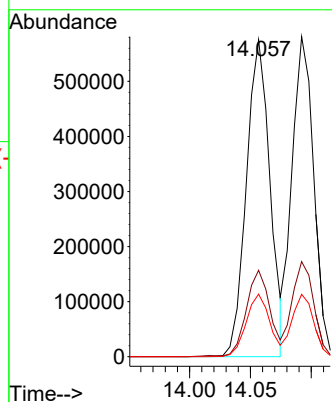
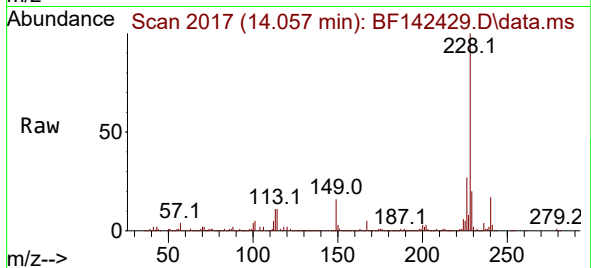
Tgt Ion:228 Resp: 776047

Ion Ratio Lower Upper

228 100

226 27.3 21.5 32.3

229 19.7 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 36.868 ng

RT: 14.016 min Scan# 2010

Delta R.T. -0.005 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

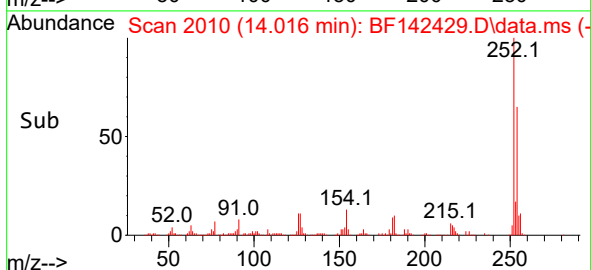
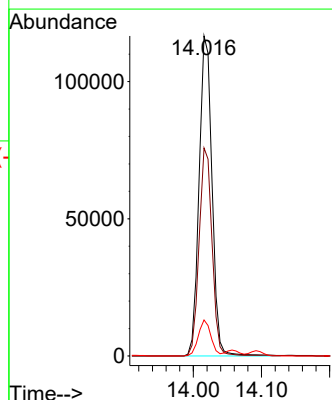
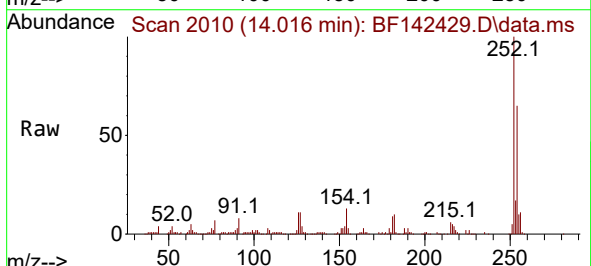
Tgt Ion:252 Resp: 154061

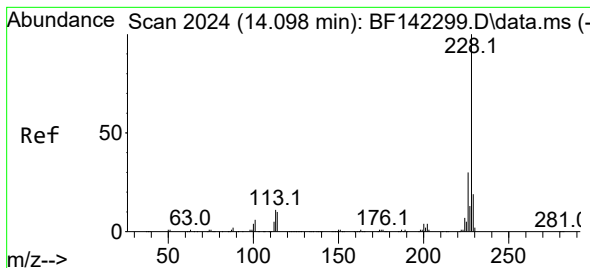
Ion Ratio Lower Upper

252 100

254 65.0 52.0 78.0

126 11.2 9.7 14.5





#83

Chrysene

Concen: 43.027 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MSD

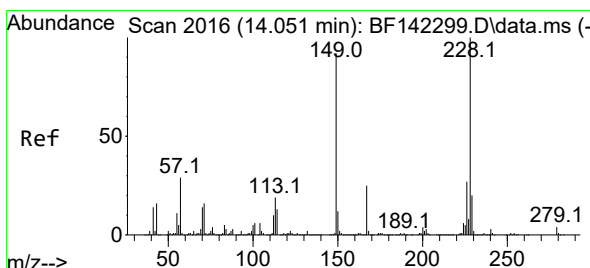
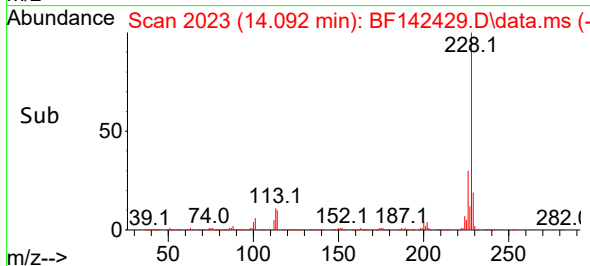
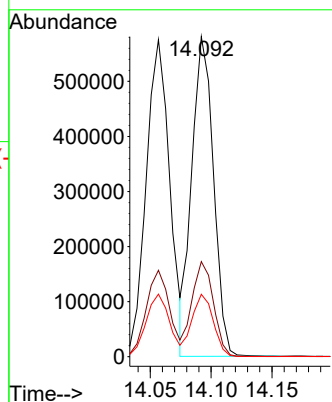
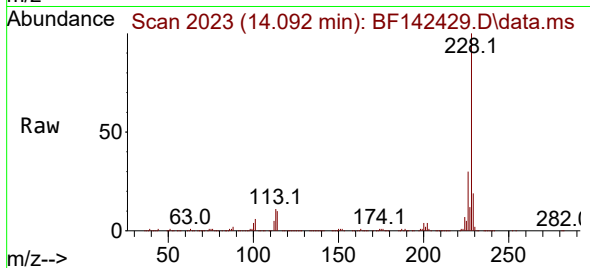
Tgt Ion:228 Resp: 719755

Ion Ratio Lower Upper

228 100

226 29.7 23.9 35.9

229 19.5 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.881 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

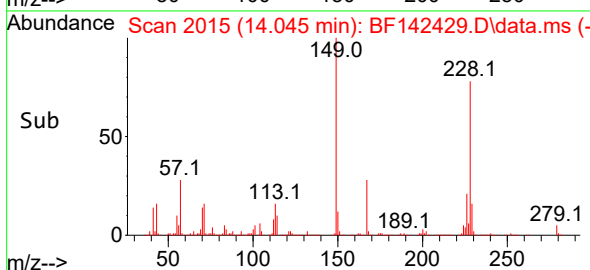
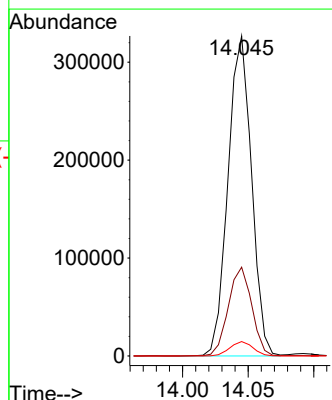
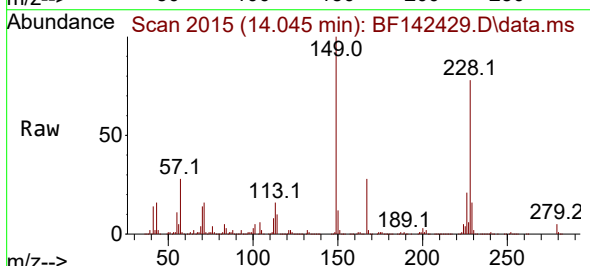
Tgt Ion:149 Resp: 408134

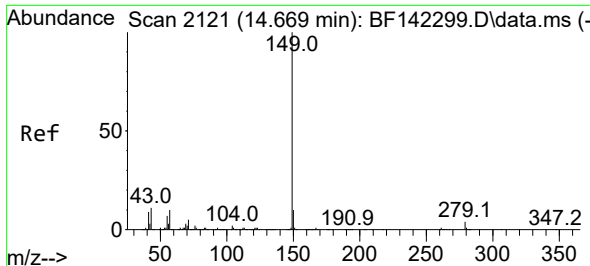
Ion Ratio Lower Upper

149 100

167 27.8 22.0 33.0

279 4.5 3.0 4.6

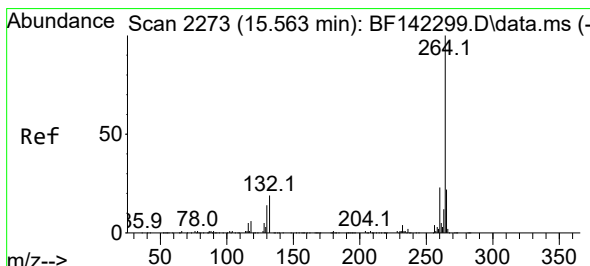
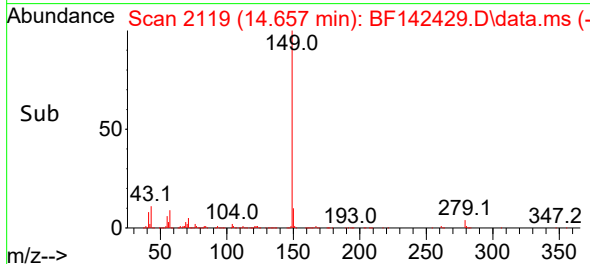
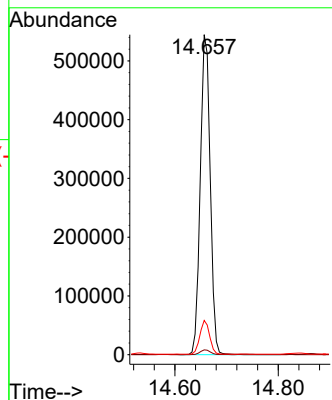
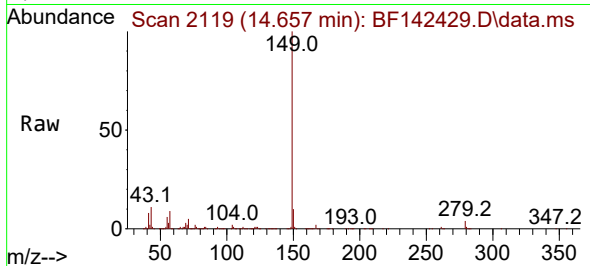




#85
Di-n-octyl phthalate
Concen: 43.645 ng
RT: 14.657 min Scan# 2119
Delta R.T. -0.012 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

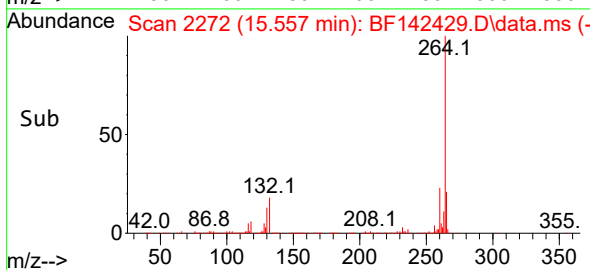
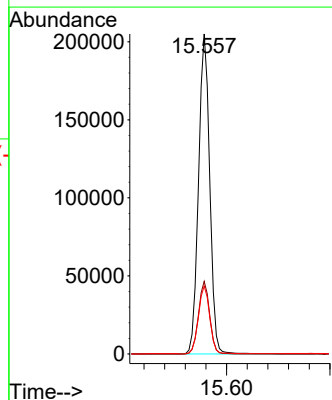
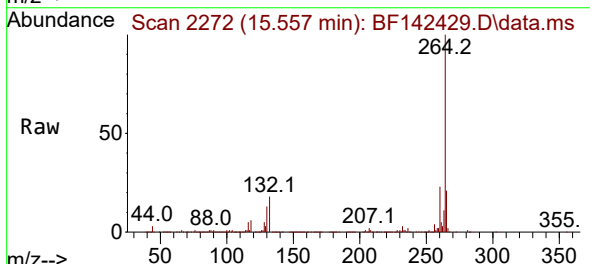
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

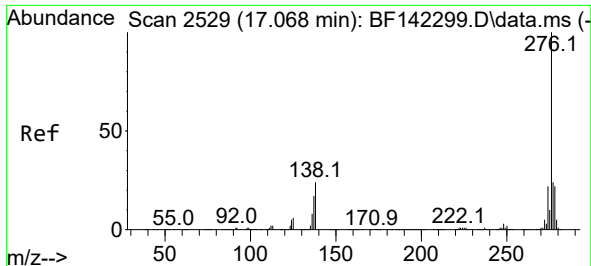
Tgt Ion:149 Resp: 724232
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 10.3 9.2 13.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

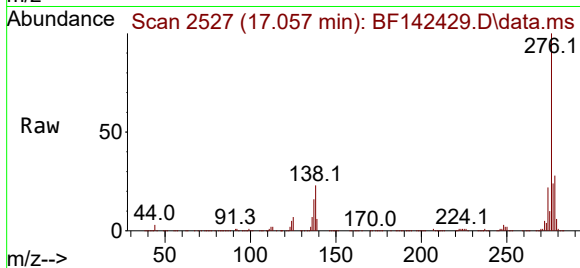
Tgt Ion:264 Resp: 307593
Ion Ratio Lower Upper
264 100
260 22.7 18.6 27.8
265 21.3 17.5 26.3



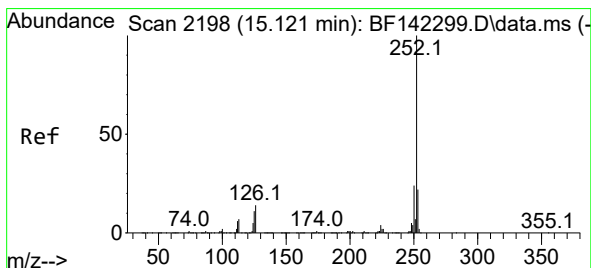
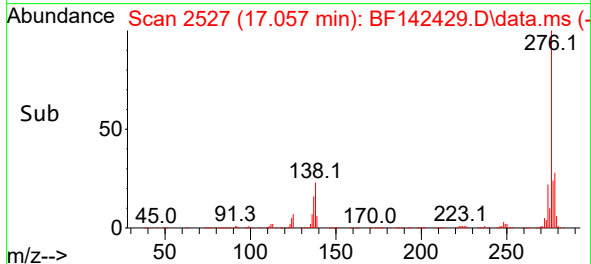
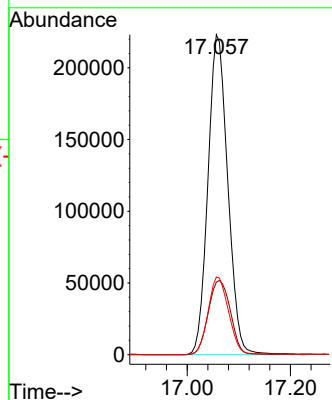


#87
Indeno(1,2,3-cd)pyrene
Concen: 27.705 ng
RT: 17.057 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

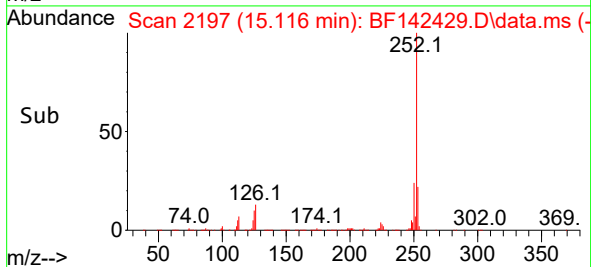
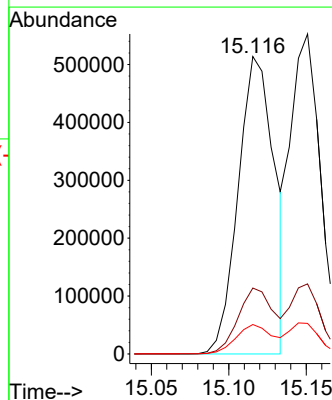
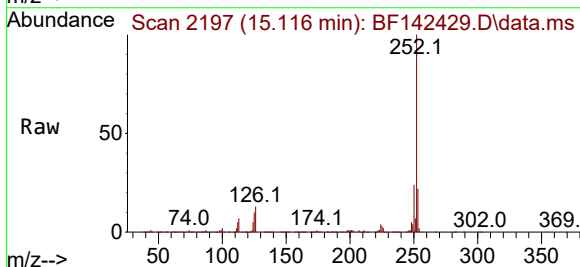


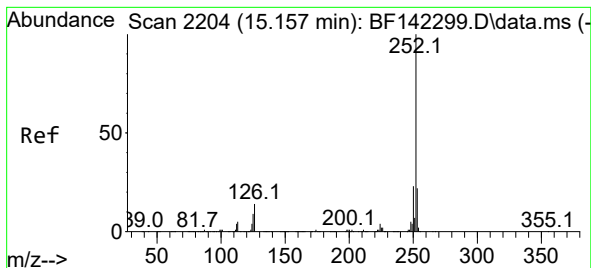
Tgt Ion:276 Resp: 592806
Ion Ratio Lower Upper
276 100
138 26.1 22.0 33.0
277 25.3 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 44.741 ng
RT: 15.116 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion:252 Resp: 833513
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.9 8.7 13.1





#89

Benzo(k)fluoranthene

Concen: 43.130 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MSD

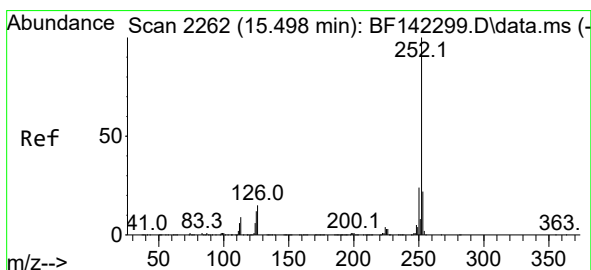
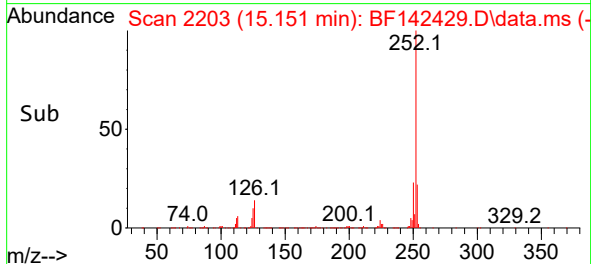
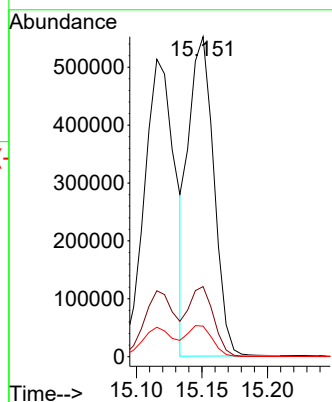
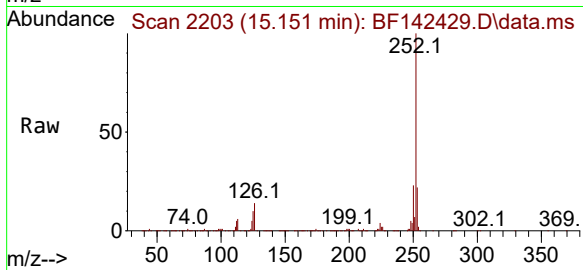
Tgt Ion:252 Resp: 735304

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.6 8.1 12.1



#90

Benzo(a)pyrene

Concen: 44.597 ng

RT: 15.492 min Scan# 2261

Delta R.T. -0.006 min

Lab File: BF142429.D

Acq: 16 May 2025 16:15

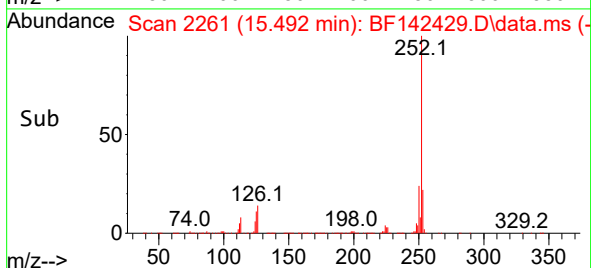
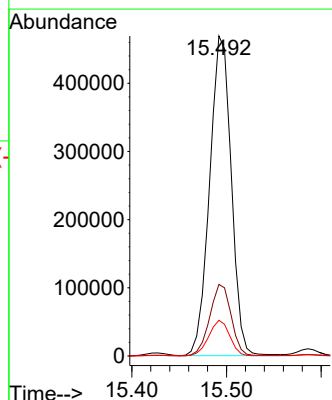
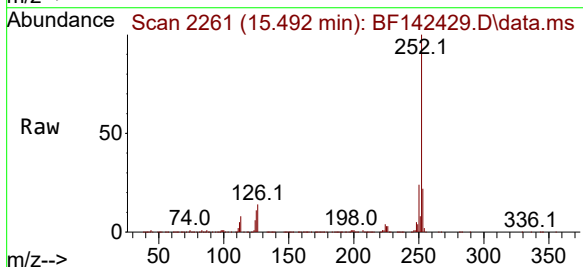
Tgt Ion:252 Resp: 744506

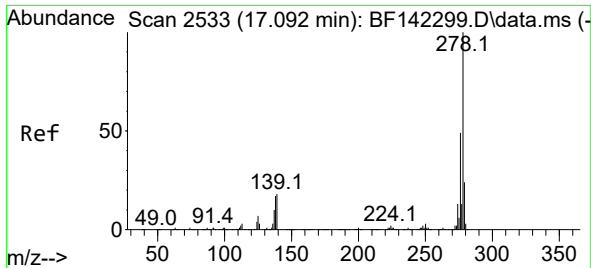
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 11.2 9.4 14.0

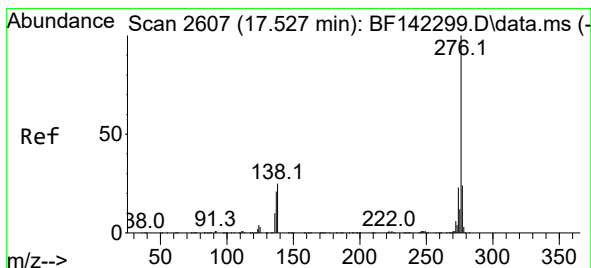
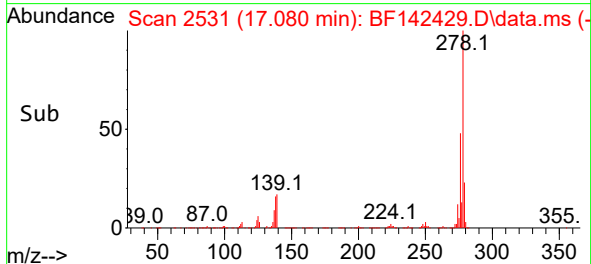
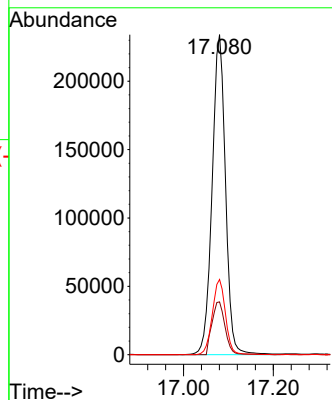
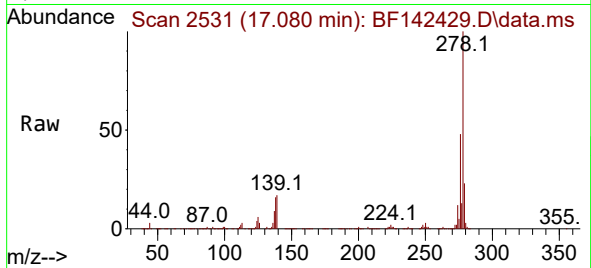




#91
Dibenzo(a,h)anthracene
Concen: 27.409 ng
RT: 17.080 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Instrument :
BNA_F
ClientSampleId :
L3-WC-1MSD

Tgt Ion:278 Resp: 484525
Ion Ratio Lower Upper
278 100
139 16.5 14.5 21.7
279 23.5 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 25.050 ng
RT: 17.515 min Scan# 2605
Delta R.T. -0.012 min
Lab File: BF142429.D
Acq: 16 May 2025 16:15

Tgt Ion:276 Resp: 439500
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.6
138 22.5 19.8 29.6

