

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142428.D
 Acq On : 16 May 2025 15:46
 Operator : RC/JU
 Sample : Q2034-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L3-WC-1MS

Quant Time: May 16 16:18:07 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	137288	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	518623	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	275083	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	447181	20.000	ng	0.00
76) Chrysene-d12	14.068	240	265603	20.000	ng	0.00
86) Perylene-d12	15.557	264	306381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	569985	70.874	ng	0.01
7) Phenol-d6	6.522	99	807010	81.587	ng	0.00
23) Nitrobenzene-d5	7.463	82	400666	47.116	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	247945	93.357	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	947431	49.110	ng	0.00
79) Terphenyl-d14	13.010	244	769053	42.856	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	136436	37.673	ng	99
3) Pyridine	3.499	79	360854	42.439	ng	97
4) n-Nitrosodimethylamine	3.451	42	197836	40.033	ng	97
6) Aniline	6.563	93	381647	39.337	ng	99
8) 2-Chlorophenol	6.687	128	383031	44.569	ng	97
9) Benzaldehyde	6.451	77	240611	41.562	ng	99
10) Phenol	6.540	94	473413	45.151	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	344481	33.316	ng	98
12) 1,3-Dichlorobenzene	6.845	146	411895	41.893	ng	98
13) 1,4-Dichlorobenzene	6.922	146	414557	41.994	ng	99
14) 1,2-Dichlorobenzene	7.075	146	402024	42.427	ng	99
15) Benzyl Alcohol	7.040	79	304949	47.611	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	589098	38.153	ng	99
17) 2-Methylphenol	7.151	107	299914	43.105	ng	99
18) Hexachloroethane	7.416	117	144224	43.910	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	246907	40.355	ng	99
20) 3+4-Methylphenols	7.304	107	369929	42.601	ng	# 82
22) Acetophenone	7.310	105	487894	42.310	ng	99
24) Nitrobenzene	7.481	77	371972	46.404	ng	97
25) Isophorone	7.722	82	674365	41.878	ng	99
26) 2-Nitrophenol	7.798	139	200917	51.660	ng	99
27) 2,4-Dimethylphenol	7.834	122	355524	43.912	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	420387	40.599	ng	99
29) 2,4-Dichlorophenol	8.039	162	319814	46.463	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	335910	43.363	ng	99
31) Naphthalene	8.210	128	1087792	43.277	ng	99
32) Benzoic acid	7.934	122	215135	49.175	ng	99
33) 4-Chloroaniline	8.251	127	105510	10.287	ng	98
34) Hexachlorobutadiene	8.322	225	203670	44.401	ng	99
35) Caprolactam	8.616	113	102506	51.098	ng	97
36) 4-Chloro-3-methylphenol	8.733	107	322665	45.095	ng	99
37) 2-Methylnaphthalene	8.898	142	665741	42.625	ng	98
38) 1-Methylnaphthalene	8.998	142	691715	42.492	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	335611	43.683	ng	99
41) Hexachlorocyclopentadiene	9.051	237	427169	89.965	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	238487	49.213	ng	100

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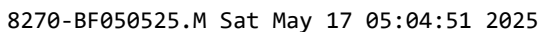
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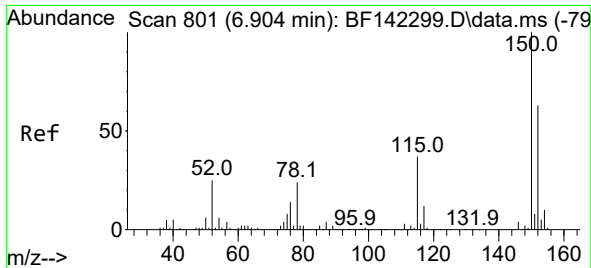
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	241004	46.740	ng	99
46) 1,1'-Biphenyl	9.363	154	908286	43.064	ng	99
47) 2-Chloronaphthalene	9.386	162	676168	43.108	ng	100
48) 2-Nitroaniline	9.481	65	208366	51.826	ng	93
49) Acenaphthylene	9.804	152	1142094	43.526	ng	100
50) Dimethylphthalate	9.657	163	788021	44.612	ng	100
51) 2,6-Dinitrotoluene	9.722	165	175826	53.178	ng	89
52) Acenaphthene	9.975	154	759039	48.109	ng	100
53) 3-Nitroaniline	9.886	138	91461	23.586	ng	95
54) 2,4-Dinitrophenol	9.992	184	184155	103.927	ng	# 4
55) Dibenzofuran	10.145	168	1000094	42.951	ng	100
56) 4-Nitrophenol	10.045	139	285607	97.862	ng	95
57) 2,4-Dinitrotoluene	10.122	165	236805	55.835	ng	95
58) Fluorene	10.486	166	768569	43.251	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	203047	47.702	ng	98
60) Diethylphthalate	10.357	149	760296	43.100	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	369512	43.101	ng	99
62) 4-Nitroaniline	10.504	138	173027	56.299	ng	99
63) Azobenzene	10.639	77	762104	45.211	ng	97
65) 4,6-Dinitro-2-methylph...	10.528	198	115734	54.395	ng	97
66) n-Nitrosodiphenylamine	10.598	169	675610	45.402	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	230116	45.405	ng	98
68) Hexachlorobenzene	11.033	284	253071	45.396	ng	99
69) Atrazine	11.122	200	192964	49.194	ng	99
70) Pentachlorophenol	11.227	266	276241	94.193	ng	98
71) Phenanthrene	11.451	178	1030186	43.950	ng	100
72) Anthracene	11.504	178	1032598	42.874	ng	100
73) Carbazole	11.657	167	870883	40.304	ng	99
74) Di-n-butylphthalate	11.986	149	993331	43.718	ng	99
75) Fluoranthene	12.639	202	912620	38.949	ng	99
77) Benzidine	12.757	184	361702	74.937	ng	98
78) Pyrene	12.869	202	899478	38.047	ng	99
80) Butylbenzylphthalate	13.486	149	312036	45.438	ng	98
81) Benzo(a)anthracene	14.057	228	774173	45.008	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	149949	37.487	ng	100
83) Chrysene	14.092	228	710454	44.368	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	403147	45.146	ng	100
85) Di-n-octyl phthalate	14.657	149	705396	44.272	ng	97
87) Indeno(1,2,3-cd)pyrene	17.062	276	645400	30.282	ng	99
88) Benzo(b)fluoranthene	15.121	252	825541	44.489	ng	98
89) Benzo(k)fluoranthene	15.151	252	760594	44.790	ng	100
90) Benzo(a)pyrene	15.492	252	766334	46.086	ng	100
91) Dibenzo(a,h)anthracene	17.080	278	516680	29.344	ng	99
92) Benzo(g,h,i)perylene	17.515	276	475436	27.206	ng	97

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

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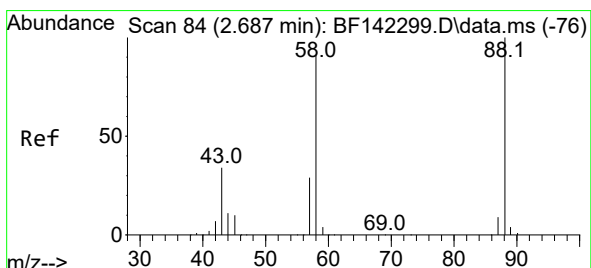
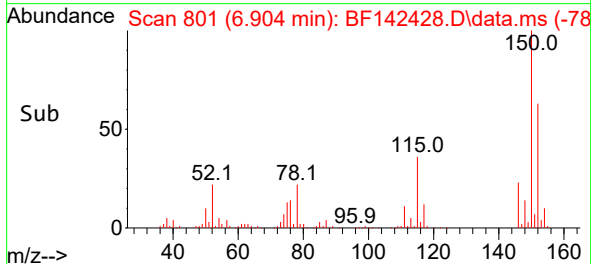
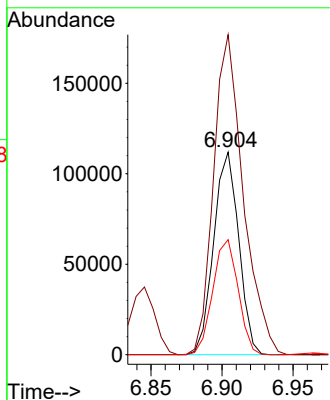
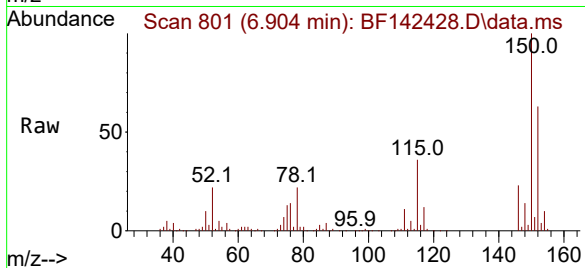




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142428.D
 Acq: 16 May 2025 15:46

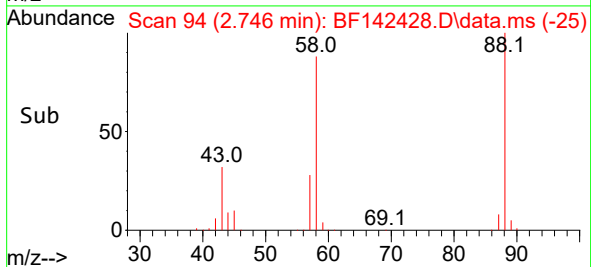
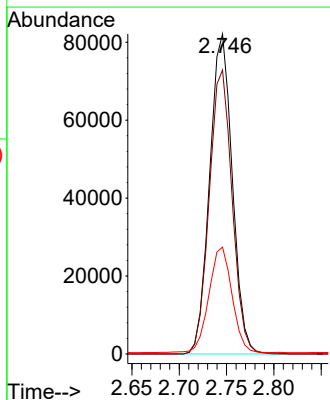
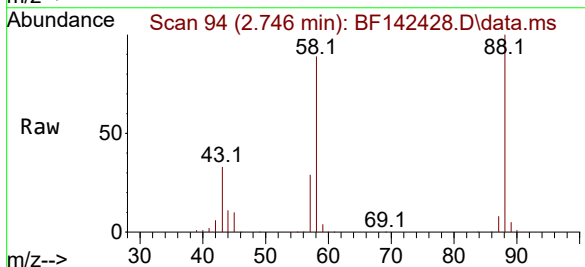
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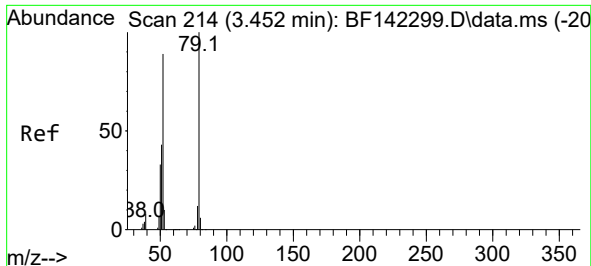
Tgt Ion:152 Resp: 137288
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.6 190.0
 115 56.8 47.3 70.9



#2
 1,4-Dioxane
 Concen: 37.673 ng
 RT: 2.746 min Scan# 94
 Delta R.T. 0.059 min
 Lab File: BF142428.D
 Acq: 16 May 2025 15:46

Tgt Ion: 88 Resp: 136436
 Ion Ratio Lower Upper
 88 100
 58 90.0 73.0 109.4
 43 33.8 27.8 41.6

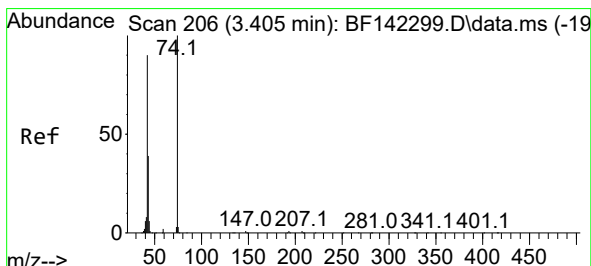
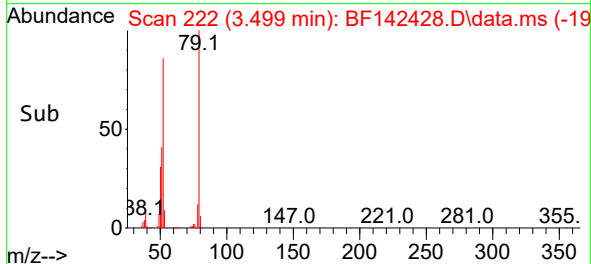
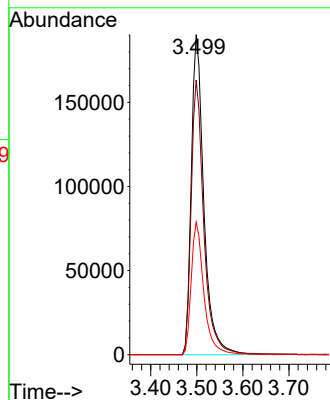
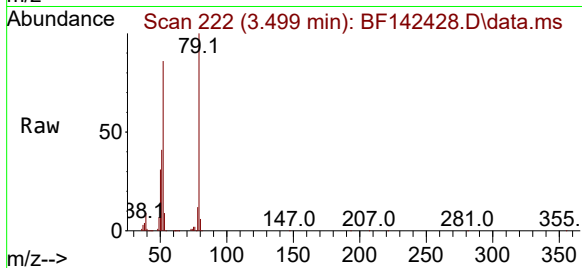




#3
Pyridine
Concen: 42.439 ng
RT: 3.499 min Scan# 214
Delta R.T. 0.047 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

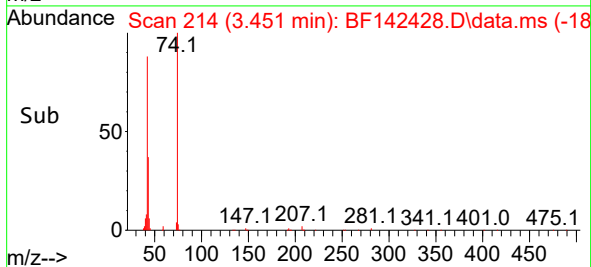
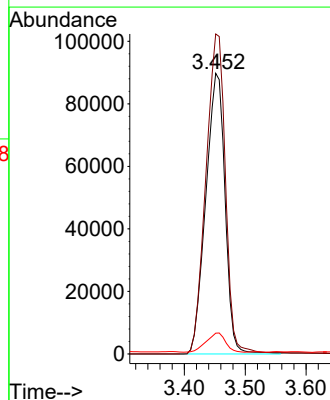
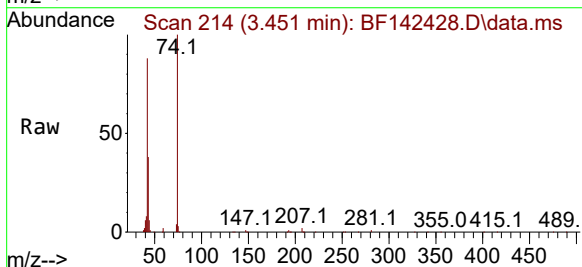
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

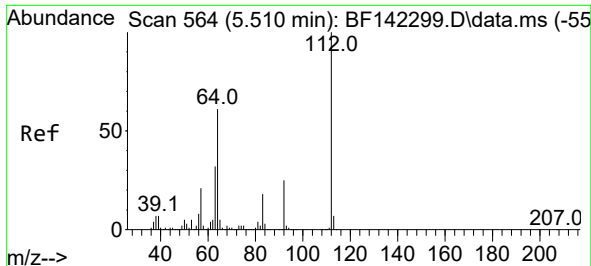
Tgt Ion: 79 Resp: 360854
Ion Ratio Lower Upper
79 100
52 85.8 71.0 106.4
51 41.4 34.9 52.3



#4
n-Nitrosodimethylamine
Concen: 40.033 ng
RT: 3.451 min Scan# 214
Delta R.T. 0.047 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion: 42 Resp: 197836
Ion Ratio Lower Upper
42 100
74 114.0 88.5 132.7
44 7.4 5.8 8.8

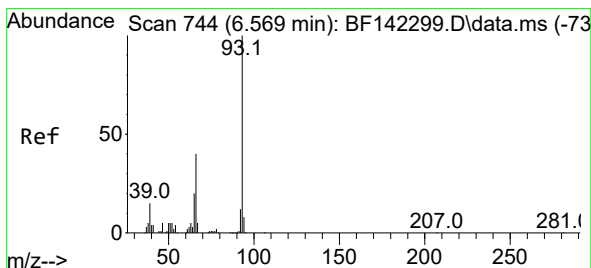
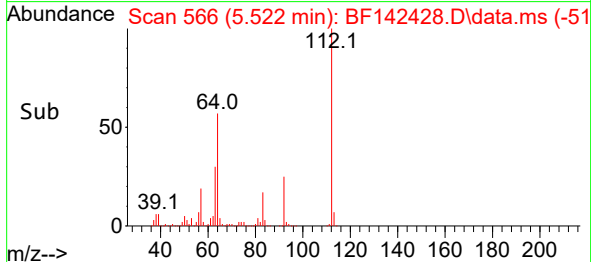
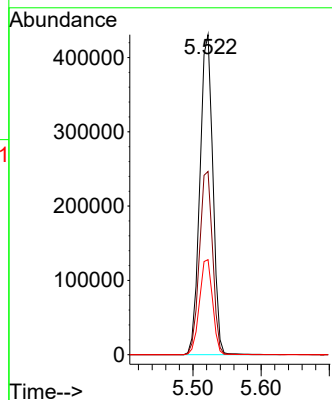
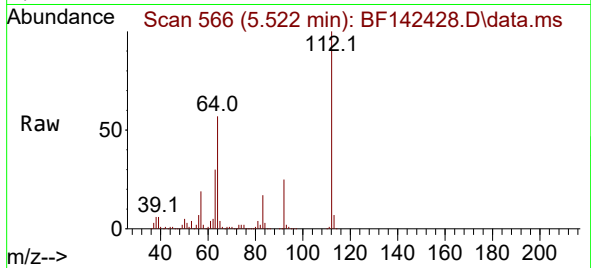




#5
2-Fluorophenol
Concen: 70.874 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

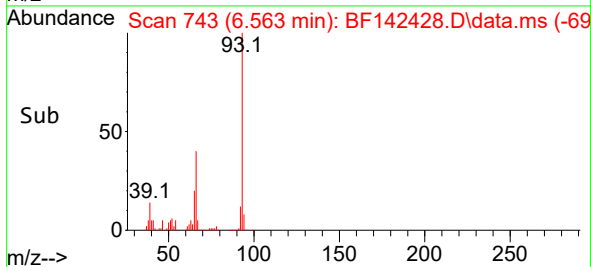
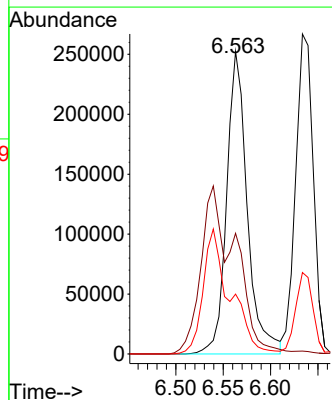
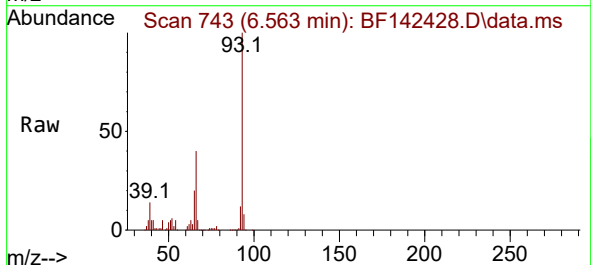
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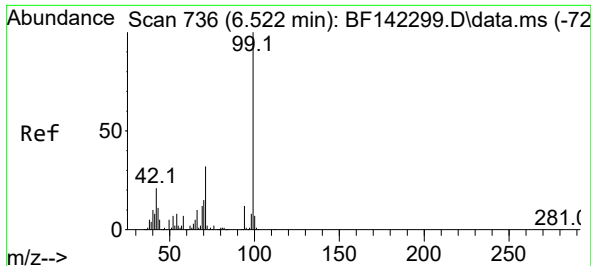
Tgt Ion:112 Resp: 569985
Ion Ratio Lower Upper
112 100
64 57.2 48.9 73.3
63 29.7 25.6 38.4



#6
Aniline
Concen: 39.337 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion: 93 Resp: 381647
Ion Ratio Lower Upper
93 100
66 39.9 32.2 48.4
65 19.8 16.3 24.5

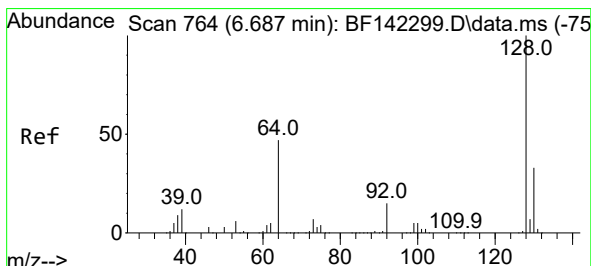
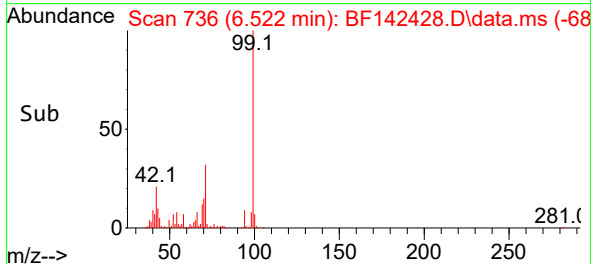
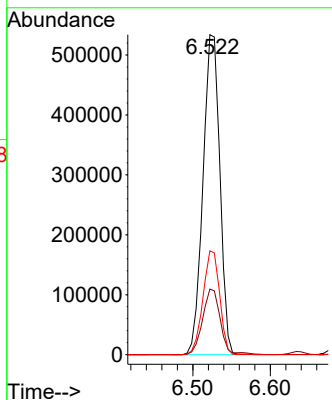
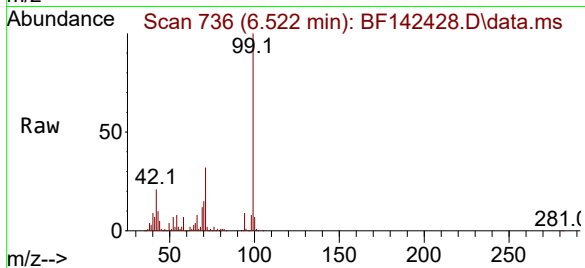




#7
Phenol-d6
Concen: 81.587 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

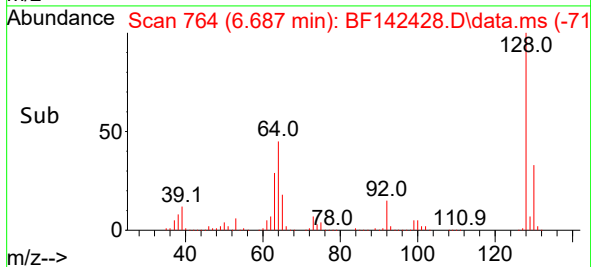
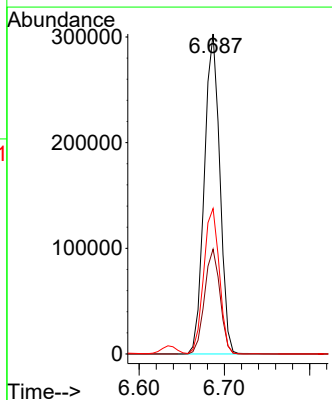
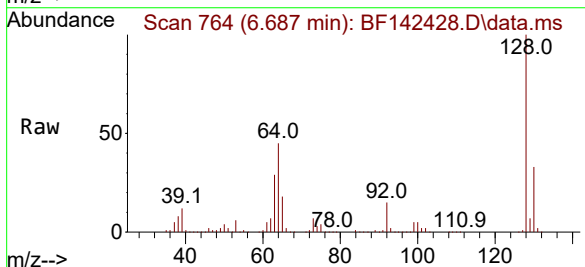
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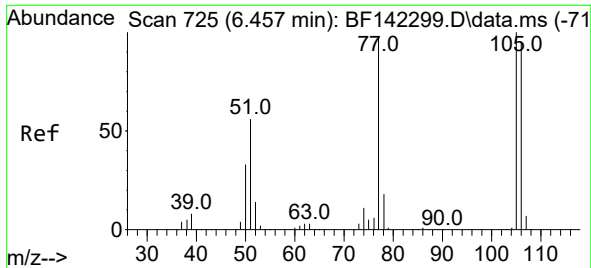
Tgt Ion: 99 Resp: 807010
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.4
71 32.4 25.8 38.8



#8
2-Chlorophenol
Concen: 44.569 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion:128 Resp: 383031
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 45.5 29.2 69.2

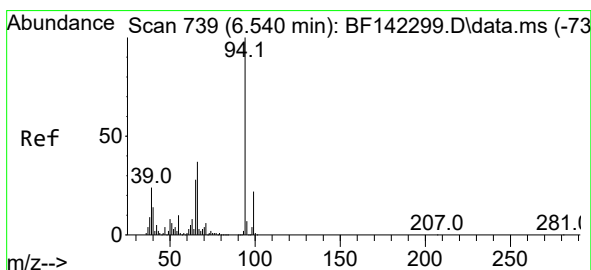
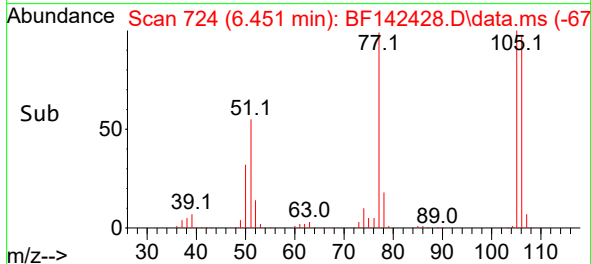
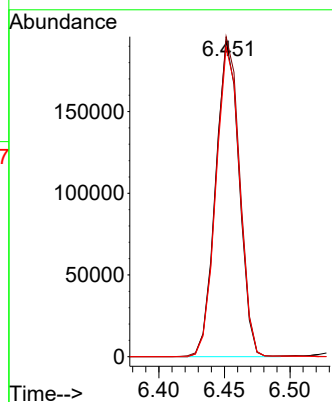
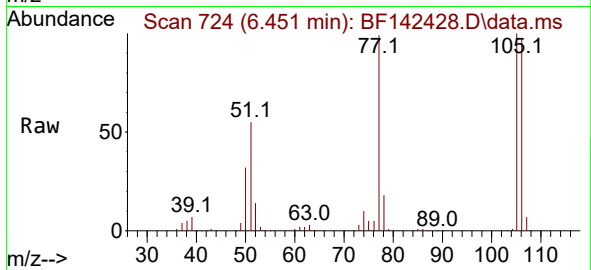




#9
Benzaldehyde
Concen: 41.562 ng
RT: 6.451 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

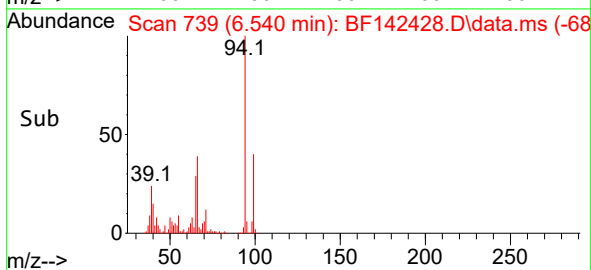
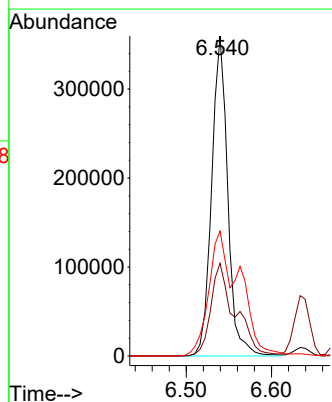
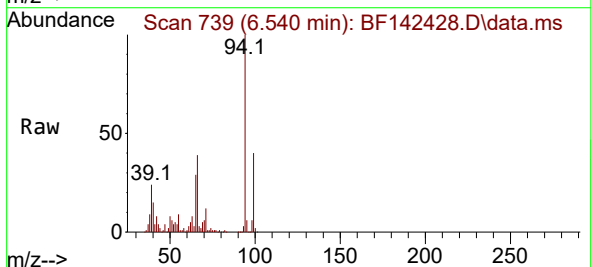
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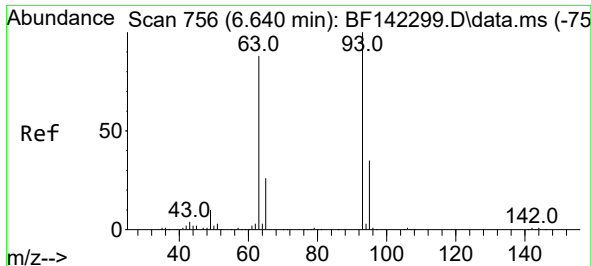
Tgt Ion: 77 Resp: 240611
Ion Ratio Lower Upper
77 100
105 101.3 82.0 122.0
106 97.9 77.2 117.2



#10
Phenol
Concen: 45.151 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion: 94 Resp: 473413
Ion Ratio Lower Upper
94 100
65 29.0 8.5 48.5
66 39.0 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 33.316 ng

RT: 6.634 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF142428.D

Acq: 16 May 2025 15:46

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MS

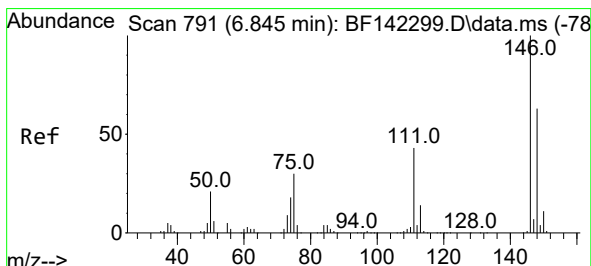
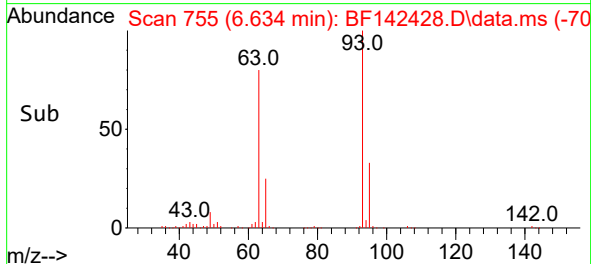
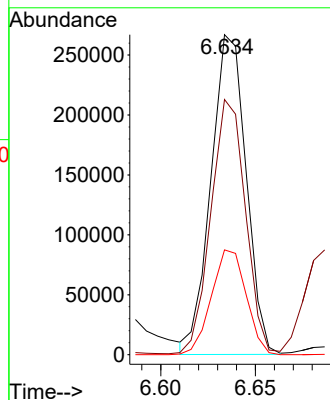
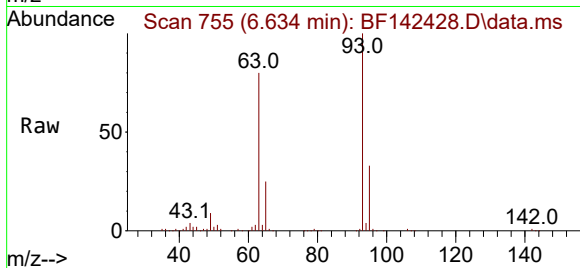
Tgt Ion: 93 Resp: 344481

Ion Ratio Lower Upper

93 100

63 79.8 58.4 98.4

95 32.8 10.6 50.6



#12

1,3-Dichlorobenzene

Concen: 41.893 ng

RT: 6.845 min Scan# 791

Delta R.T. -0.000 min

Lab File: BF142428.D

Acq: 16 May 2025 15:46

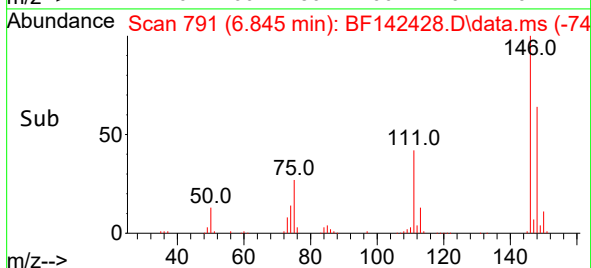
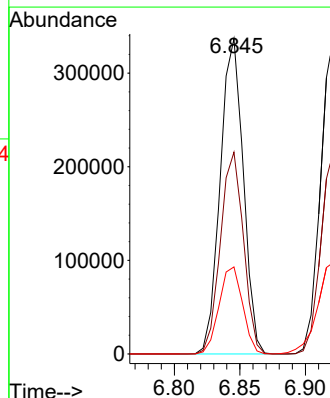
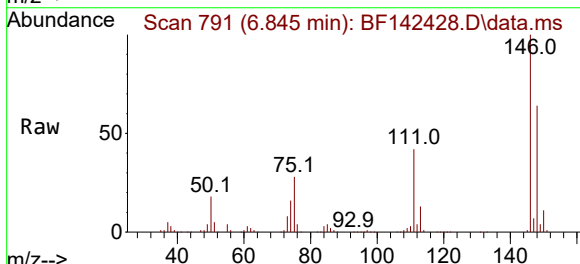
Tgt Ion:146 Resp: 411895

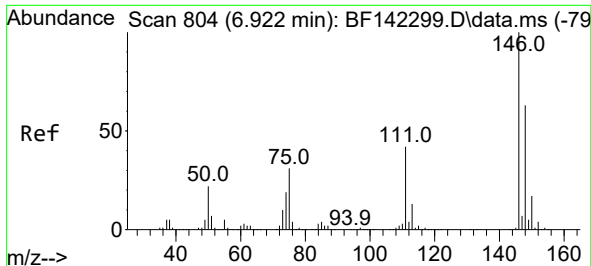
Ion Ratio Lower Upper

146 100

148 64.0 50.6 76.0

75 27.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 41.994 ng

RT: 6.922 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF142428.D

Acq: 16 May 2025 15:46

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MS

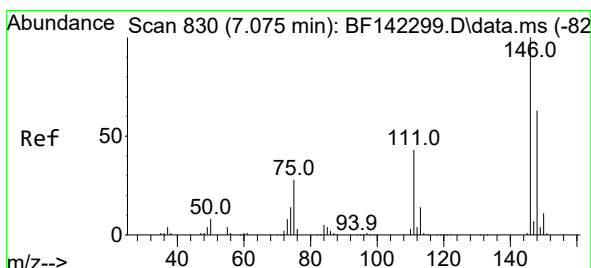
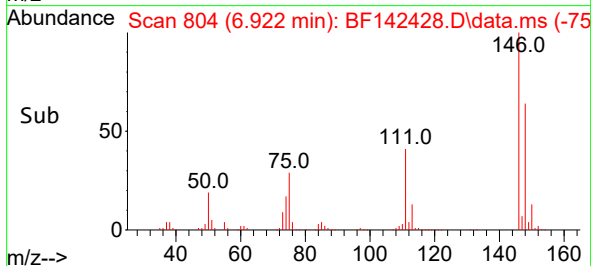
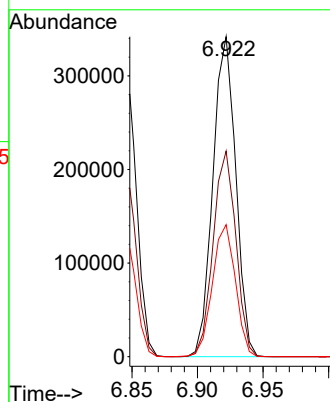
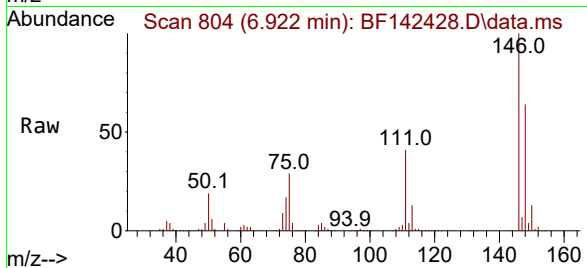
Tgt Ion:146 Resp: 414557

Ion Ratio Lower Upper

146 100

148 64.2 50.5 75.7

111 41.2 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 42.427 ng

RT: 7.075 min Scan# 830

Delta R.T. -0.000 min

Lab File: BF142428.D

Acq: 16 May 2025 15:46

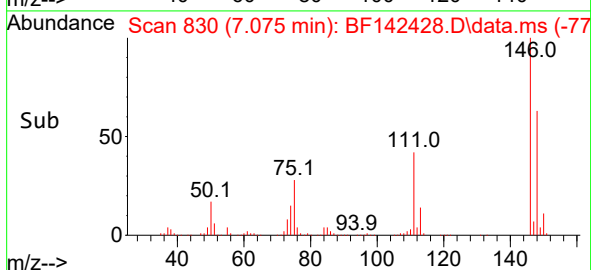
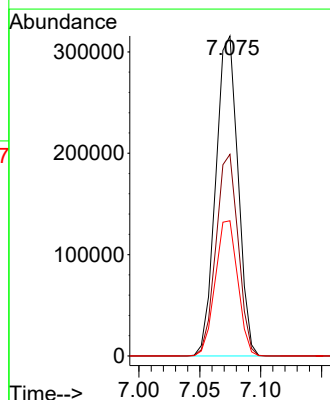
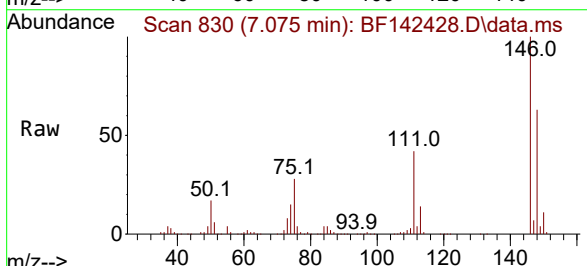
Tgt Ion:146 Resp: 402024

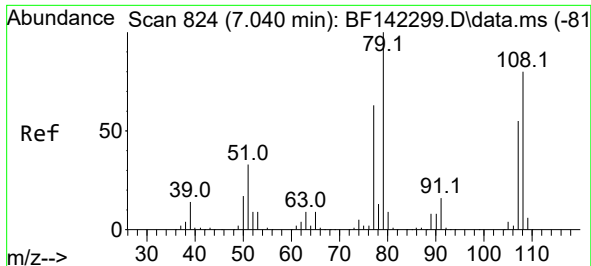
Ion Ratio Lower Upper

146 100

148 63.0 50.3 75.5

111 42.3 34.5 51.7

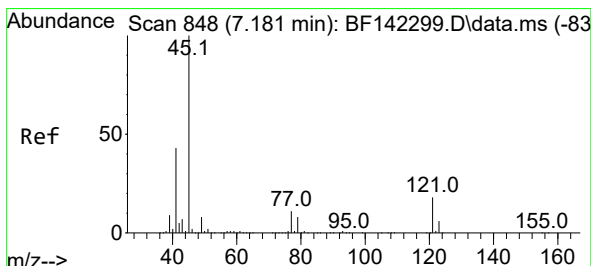
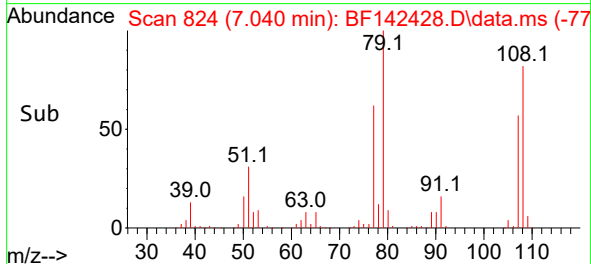
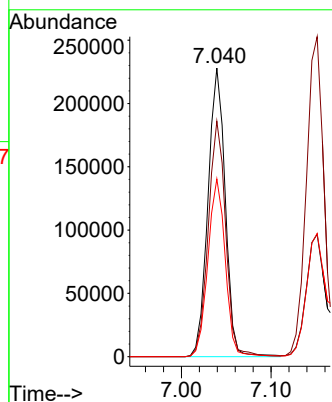
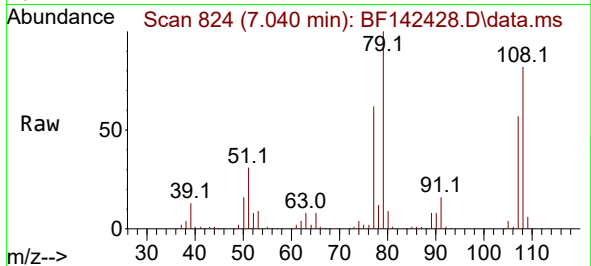




#15
Benzyl Alcohol
Concen: 47.611 ng
RT: 7.040 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

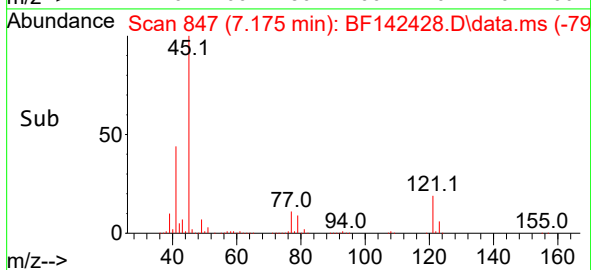
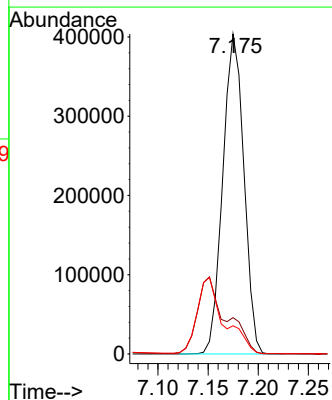
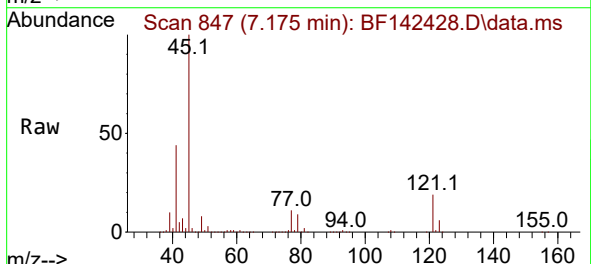
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

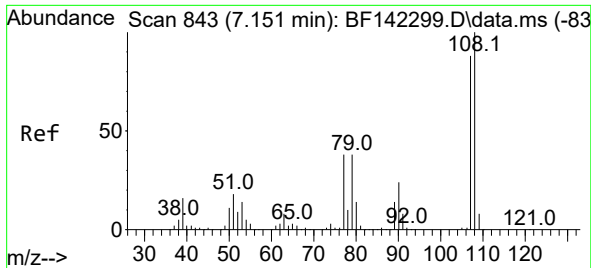
Tgt Ion: 79 Resp: 304949
Ion Ratio Lower Upper
79 100
108 81.6 63.9 95.9
77 61.6 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.153 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion: 45 Resp: 589098
Ion Ratio Lower Upper
45 100
77 11.4 0.0 31.2
79 8.8 0.0 28.5

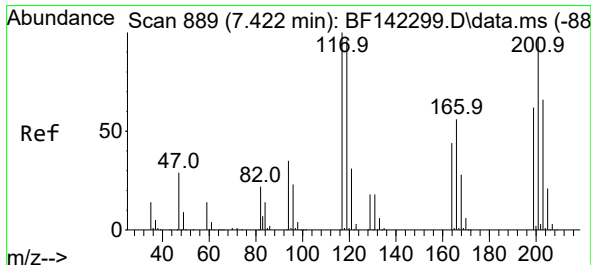
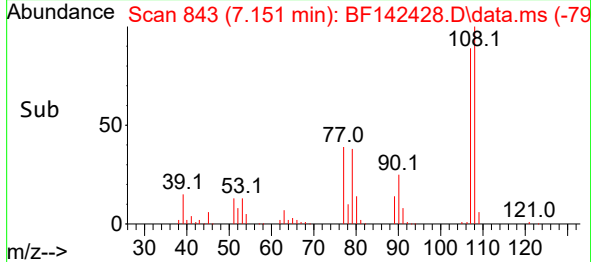
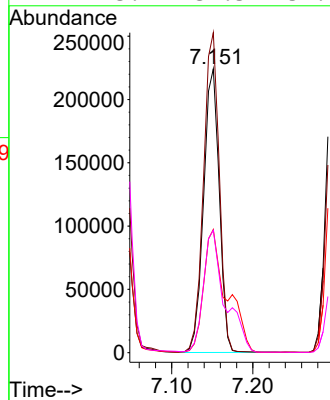
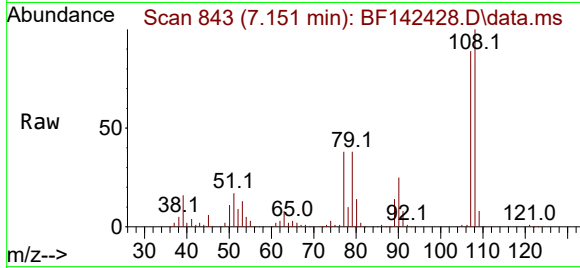




#17
2-Methylphenol
Concen: 43.105 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

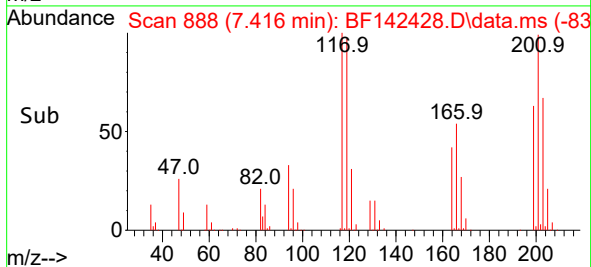
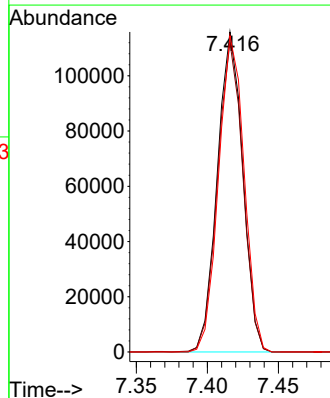
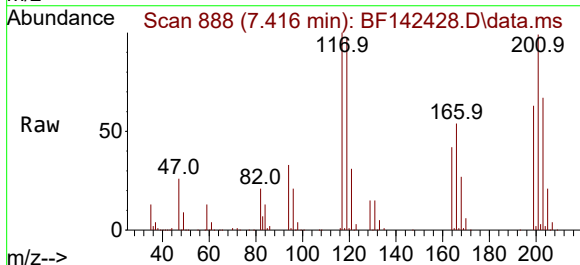
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

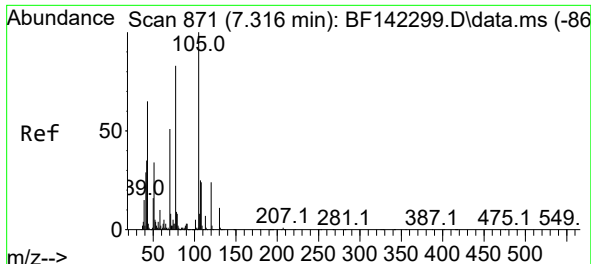
Tgt Ion:	107	Resp:	299914
Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.1	136.7
77	43.4	34.7	52.1
79	43.1	34.5	51.7



#18
Hexachloroethane
Concen: 43.910 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion:	117	Resp:	144224
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.9	115.3
201	98.8	78.0	117.0

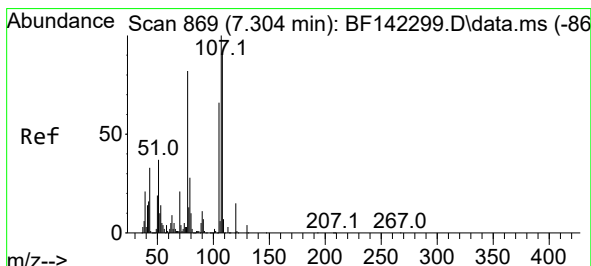
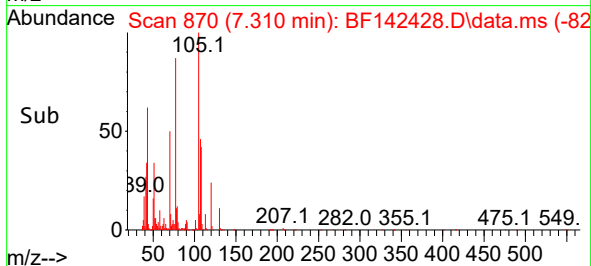
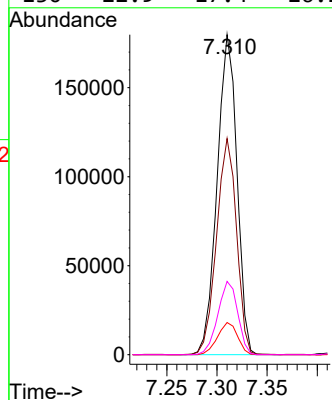
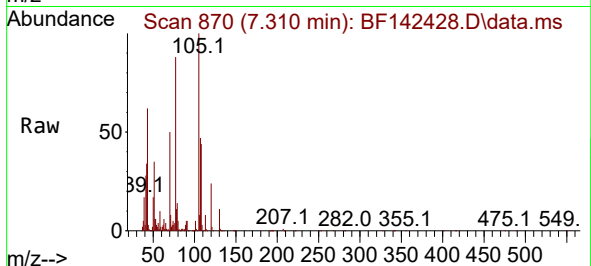




#19
n-Nitroso-di-n-propylamine
Concen: 40.355 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

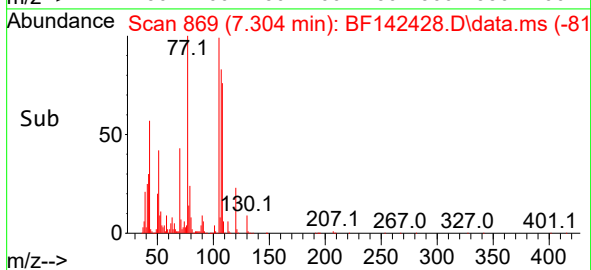
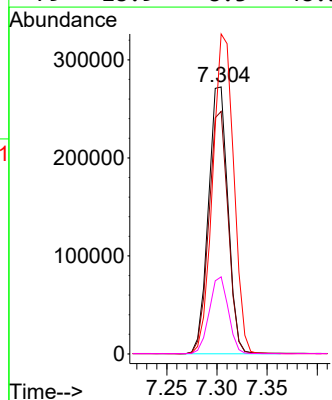
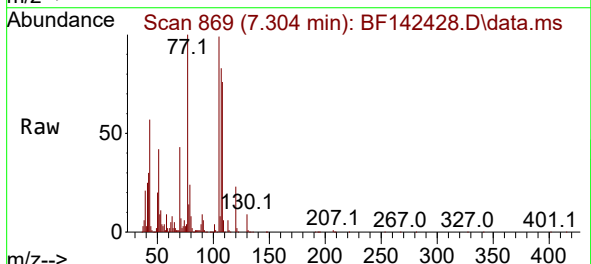
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

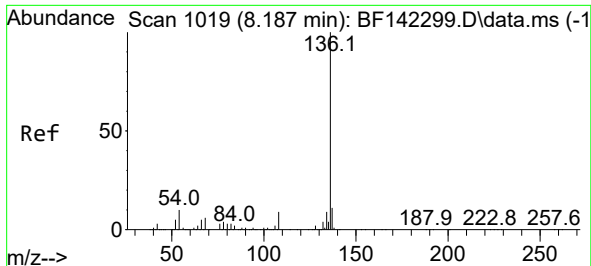
Tgt Ion: 70 Resp: 246907
Ion Ratio Lower Upper
70 100
42 67.5 54.8 82.2
101 10.0 7.7 11.5
130 22.9 17.4 26.2



#20
3+4-Methylphenols
Concen: 42.601 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion:107 Resp: 369929
Ion Ratio Lower Upper
107 100
108 90.8 71.5 111.5
77 119.9 61.6 101.6#
79 28.9 8.3 48.3

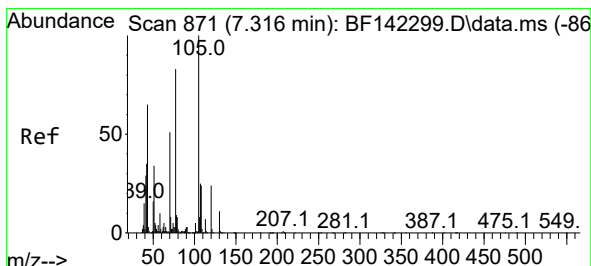
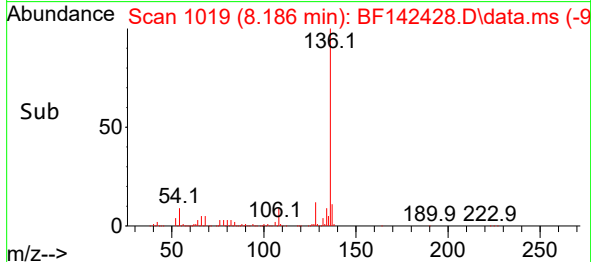
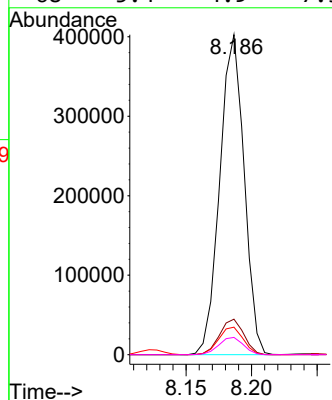
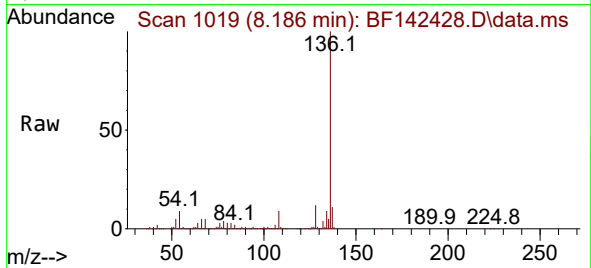




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

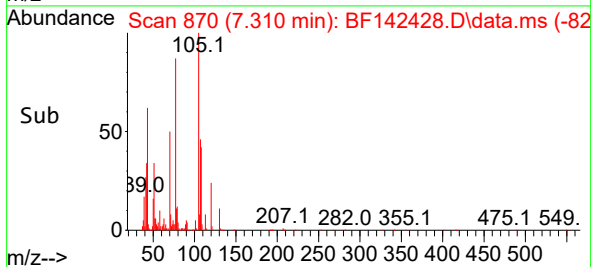
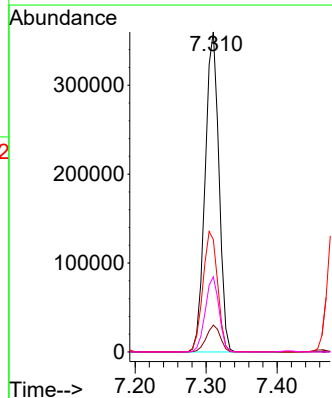
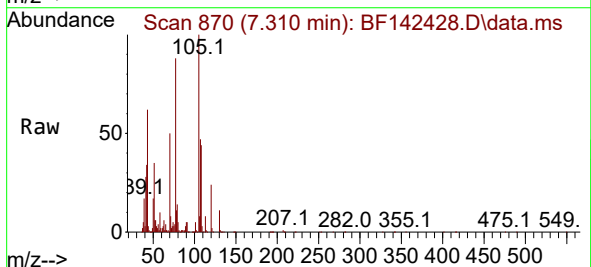
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

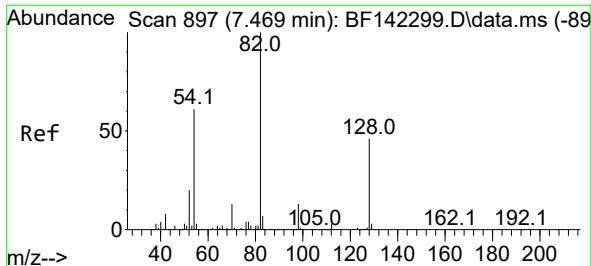
Tgt	Ion:136	Resp:	518623
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.6	7.7	11.5
68	5.4	4.9	7.3



#22
Acetophenone
Concen: 42.310 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt	Ion:105	Resp:	487894
Ion	Ratio	Lower	Upper
105	100		
71	8.4	6.7	10.1
51	35.2	27.6	41.4
120	23.5	19.1	28.7





#23

Nitrobenzene-d5

Concen: 47.116 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF142428.D

Acq: 16 May 2025 15:46

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MS

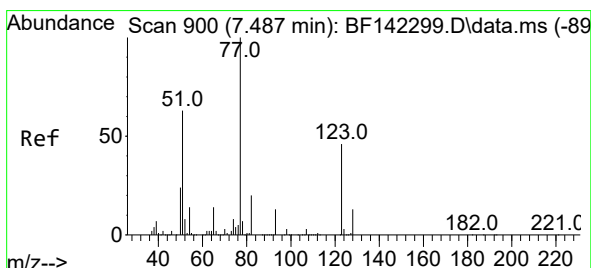
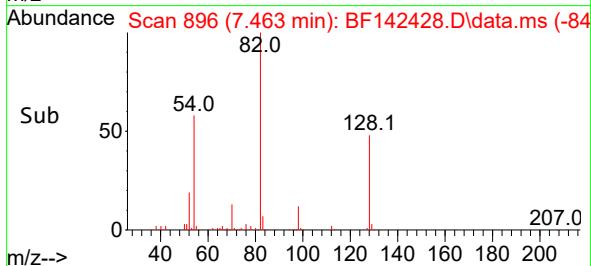
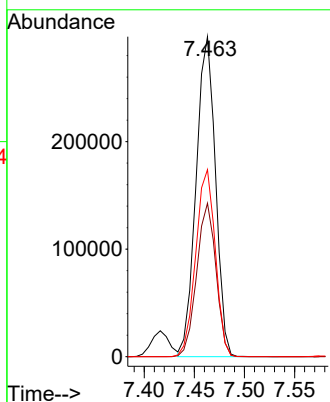
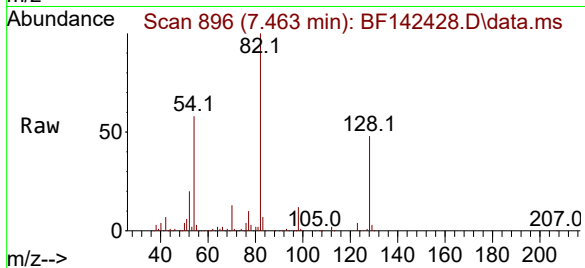
Tgt Ion: 82 Resp: 400666

Ion Ratio Lower Upper

82 100

128 47.9 37.0 55.6

54 58.5 48.6 73.0



#24

Nitrobenzene

Concen: 46.404 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF142428.D

Acq: 16 May 2025 15:46

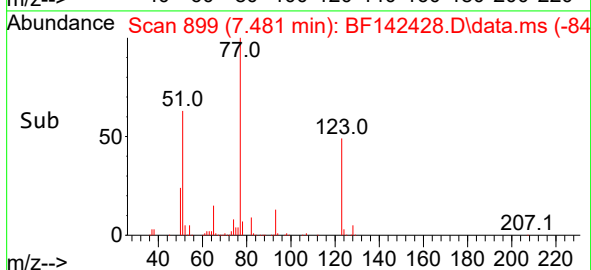
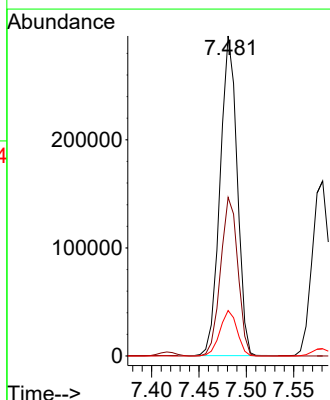
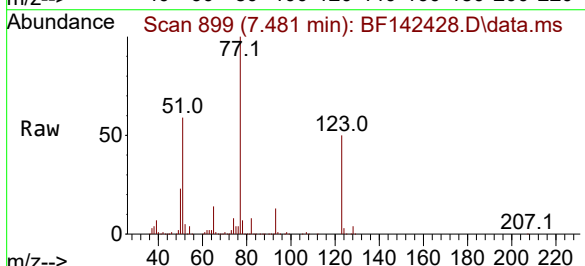
Tgt Ion: 77 Resp: 371972

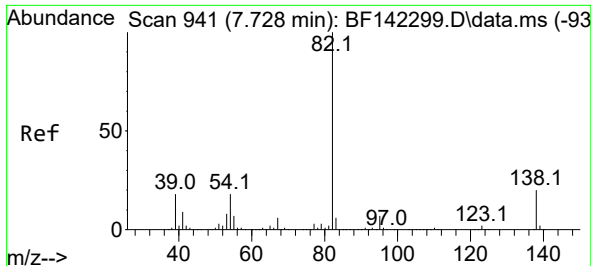
Ion Ratio Lower Upper

77 100

123 49.5 37.8 56.8

65 14.2 11.4 17.0

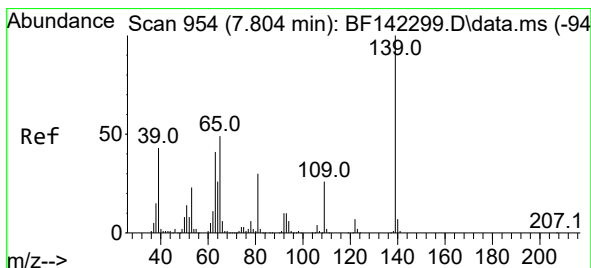
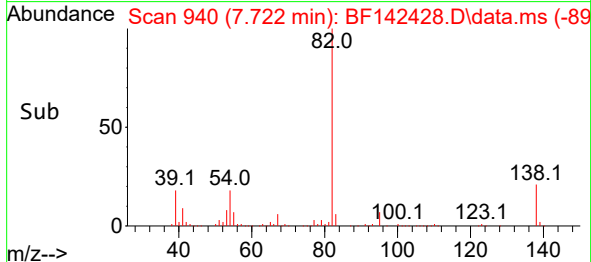
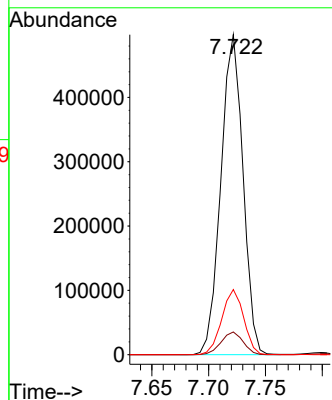
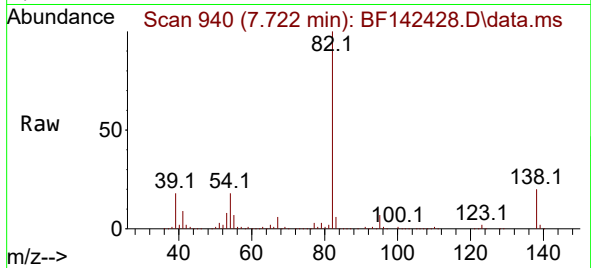




#25
Isophorone
Concen: 41.878 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

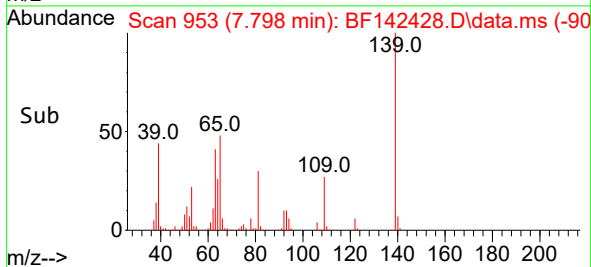
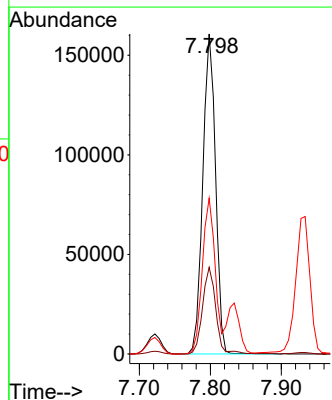
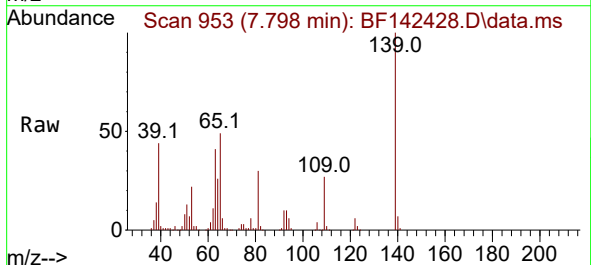
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

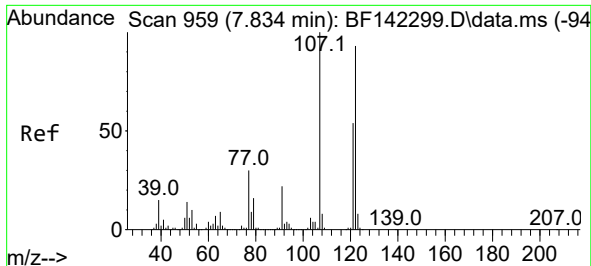
Tgt Ion: 82 Resp: 674365
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 20.3 16.1 24.1



#26
2-Nitrophenol
Concen: 51.660 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion:139 Resp: 200917
Ion Ratio Lower Upper
139 100
109 27.1 20.8 31.2
65 48.6 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 43.912 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142428.D

Acq: 16 May 2025 15:46

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MS

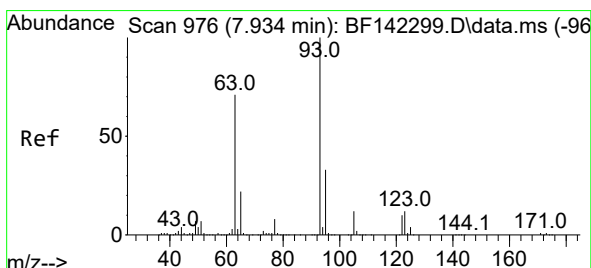
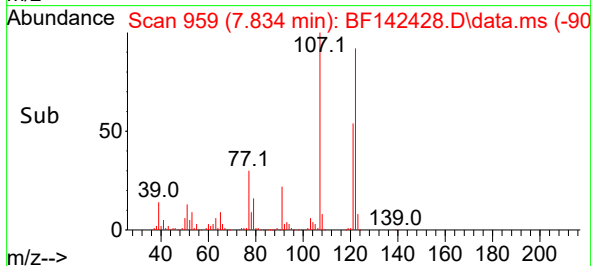
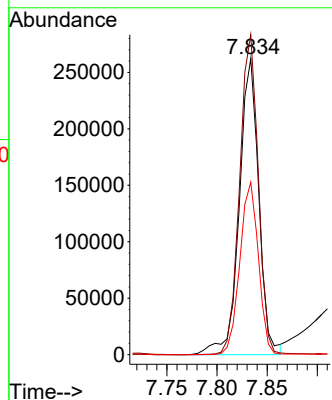
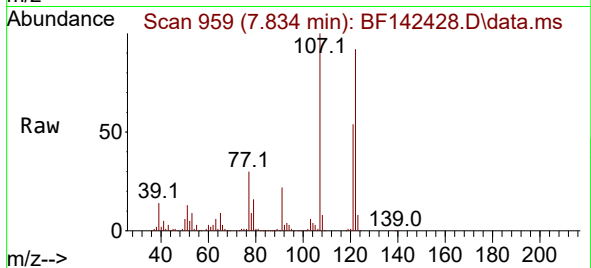
Tgt Ion:122 Resp: 355524

Ion Ratio Lower Upper

122 100

107 108.1 86.0 129.0

121 58.3 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 40.599 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF142428.D

Acq: 16 May 2025 15:46

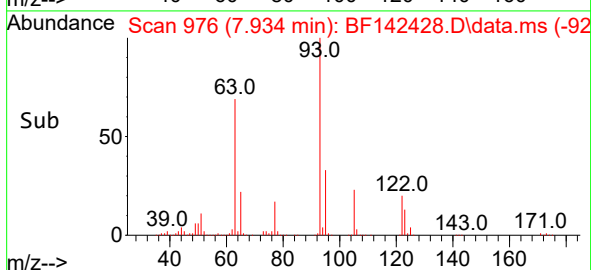
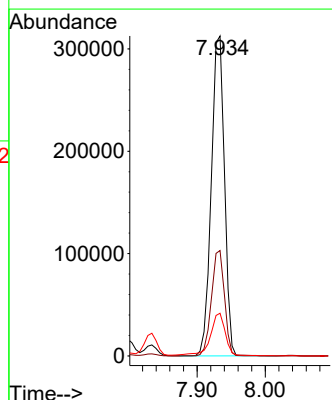
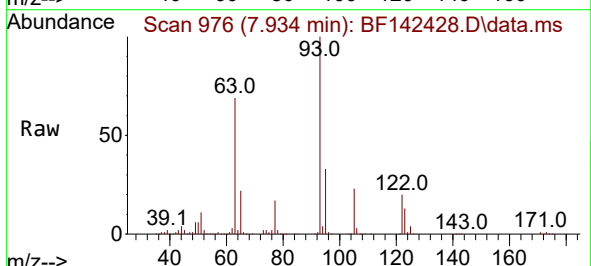
Tgt Ion: 93 Resp: 420387

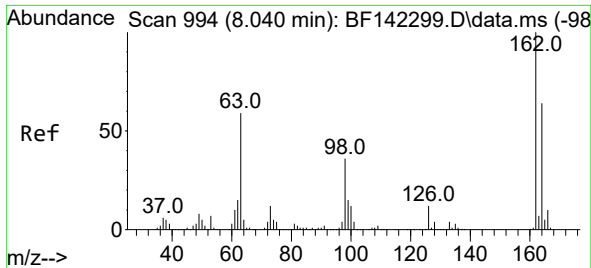
Ion Ratio Lower Upper

93 100

95 33.0 26.1 39.1

123 13.4 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.463 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142428.D

Acq: 16 May 2025 15:46

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MS

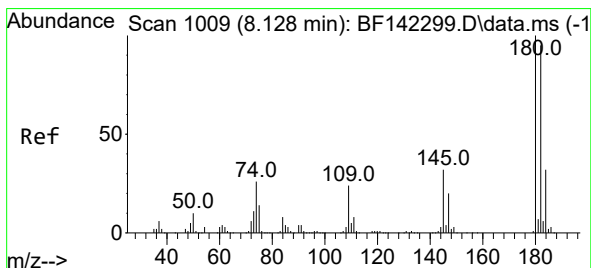
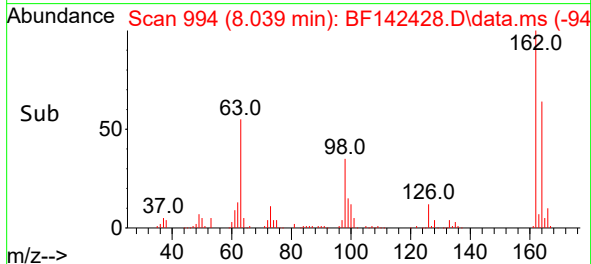
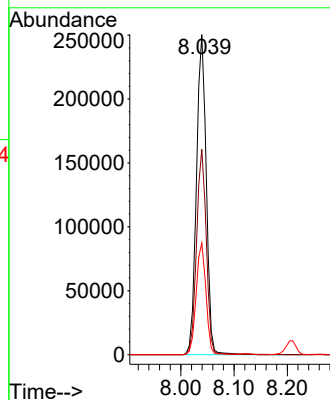
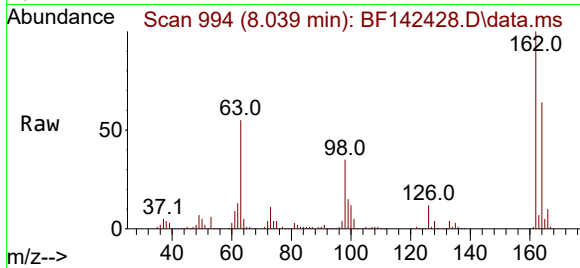
Tgt Ion:162 Resp: 319814

Ion Ratio Lower Upper

162 100

164 64.1 43.6 83.6

98 34.9 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 43.363 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF142428.D

Acq: 16 May 2025 15:46

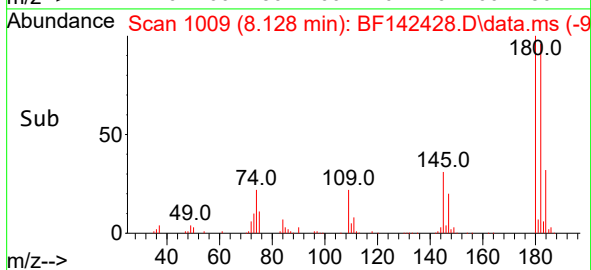
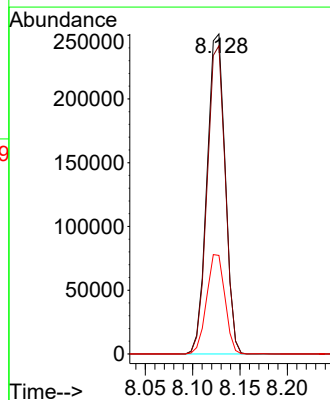
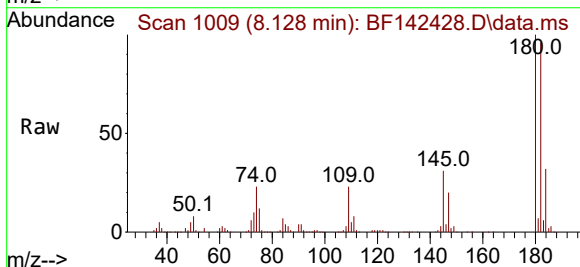
Tgt Ion:180 Resp: 335910

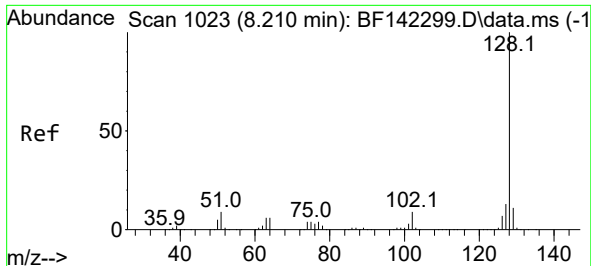
Ion Ratio Lower Upper

180 100

182 96.3 76.2 114.4

145 30.8 25.8 38.6

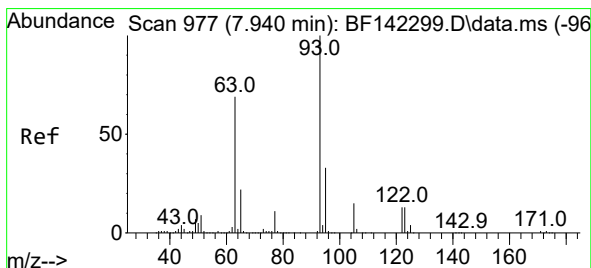
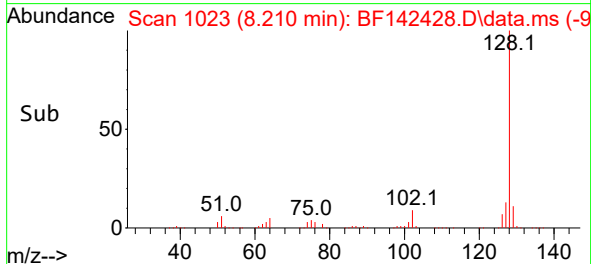
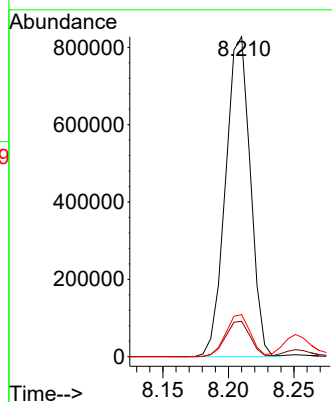
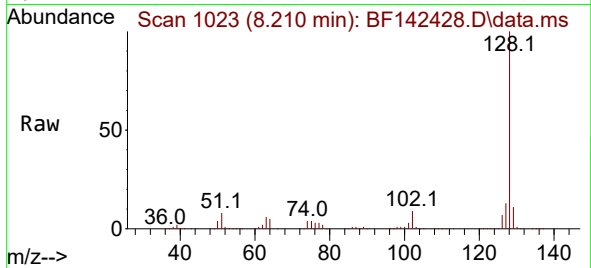




#31
Naphthalene
Concen: 43.277 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

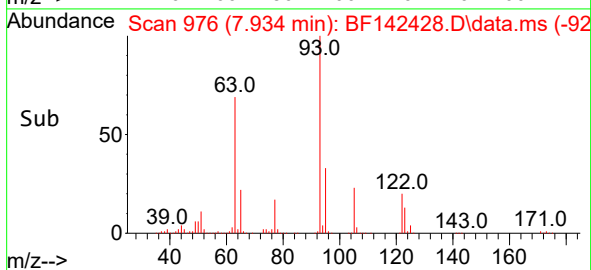
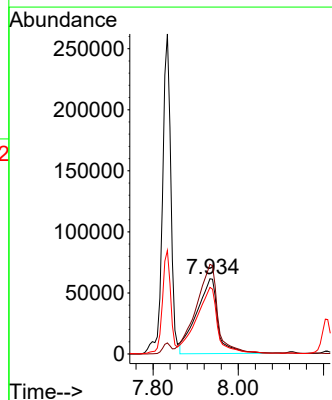
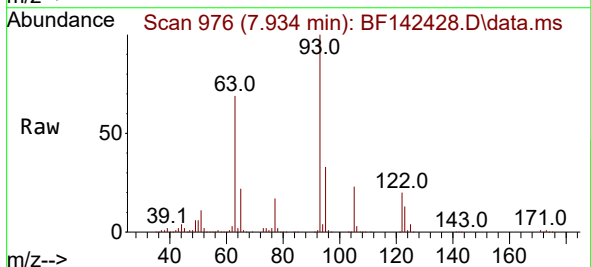
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

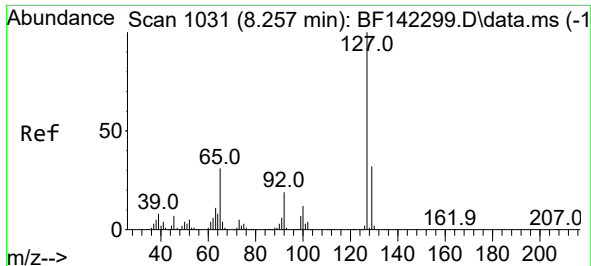
Tgt Ion:128 Resp: 1087792
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 49.175 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion:122 Resp: 215135
Ion Ratio Lower Upper
122 100
105 119.3 97.9 137.9
77 88.6 67.7 107.7

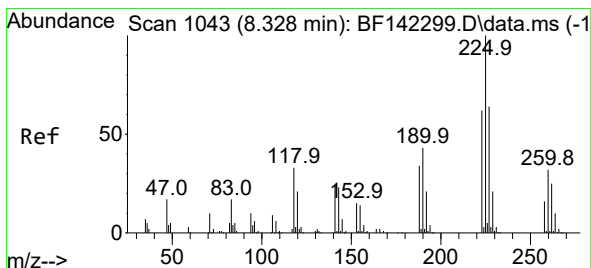
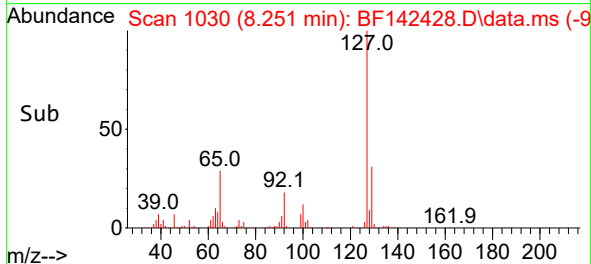
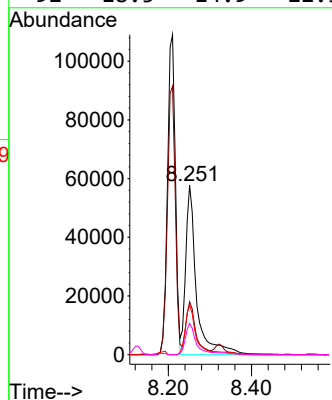
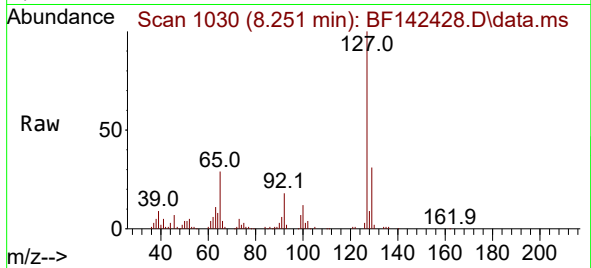




#33
4-Chloroaniline
Concen: 10.287 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.016 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

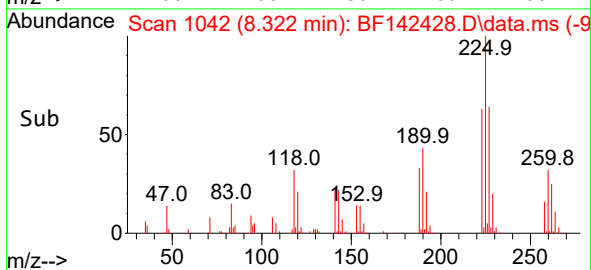
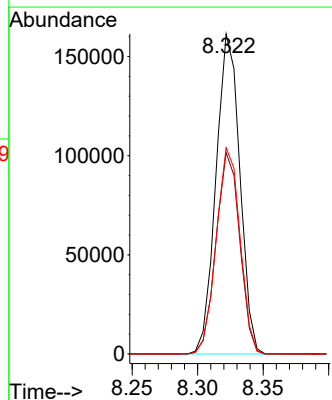
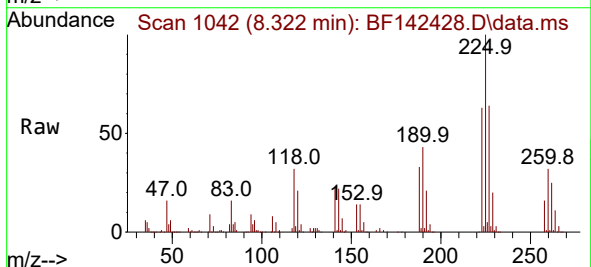
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

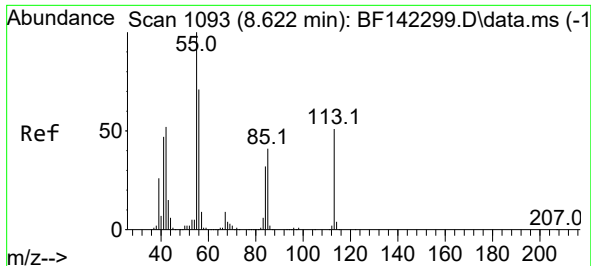
Tgt Ion:	127	Resp:	105510
Ion Ratio	Lower	Upper	
127	100		
129	31.3	25.7	38.5
65	29.4	24.9	37.3
92	18.5	14.9	22.3



#34
Hexachlorobutadiene
Concen: 44.401 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion:	225	Resp:	203670
Ion Ratio	Lower	Upper	
225	100		
223	62.9	49.8	74.6
227	64.4	50.9	76.3

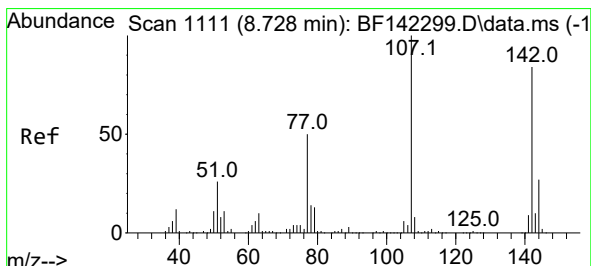
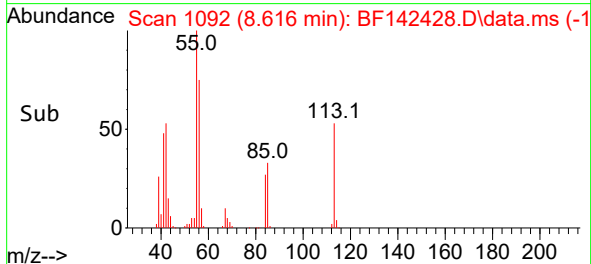
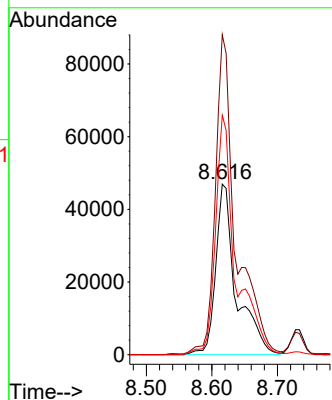
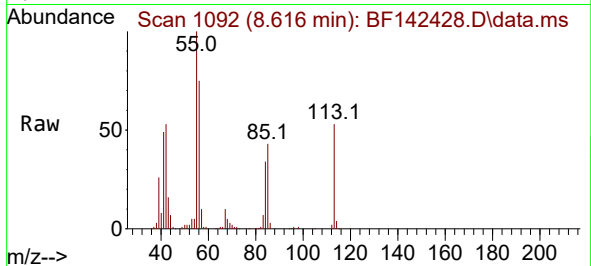




#35
 Caprolactam
 Concen: 51.098 ng
 RT: 8.616 min Scan# 1092
 Delta R.T. -0.006 min
 Lab File: BF142428.D
 Acq: 16 May 2025 15:46

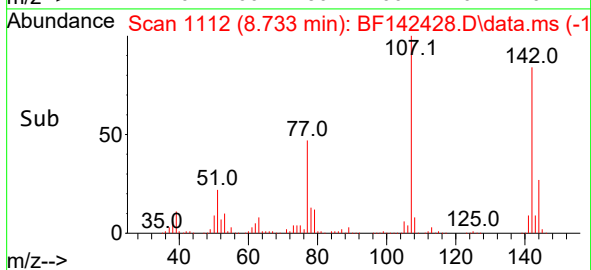
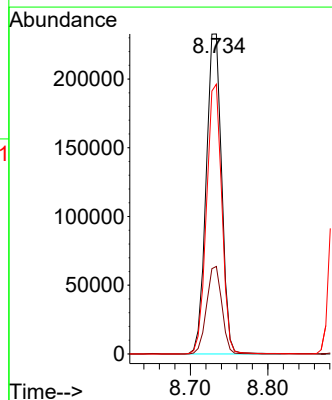
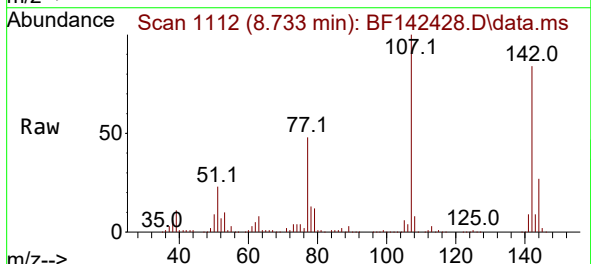
Instrument :
 BNA_F
 ClientSampleId :
 L3-WC-1MS

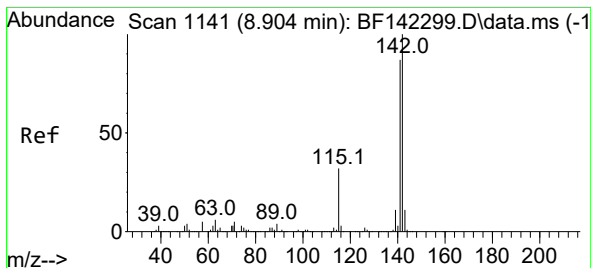
Tgt Ion:113 Resp: 102506
 Ion Ratio Lower Upper
 113 100
 55 187.6 176.4 216.4
 56 140.5 120.3 160.3



#36
 4-Chloro-3-methylphenol
 Concen: 45.095 ng
 RT: 8.733 min Scan# 1112
 Delta R.T. 0.006 min
 Lab File: BF142428.D
 Acq: 16 May 2025 15:46

Tgt Ion:107 Resp: 322665
 Ion Ratio Lower Upper
 107 100
 144 27.4 21.3 31.9
 142 84.3 66.9 100.3





#37

2-Methylnaphthalene

Concen: 42.625 ng

RT: 8.898 min Scan# 1140

Delta R.T. -0.006 min

Lab File: BF142428.D

Acq: 16 May 2025 15:46

Instrument :

BNA_F

ClientSampleId :

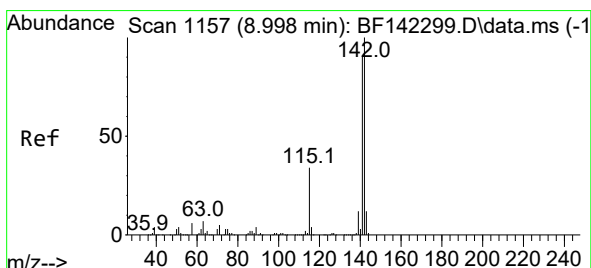
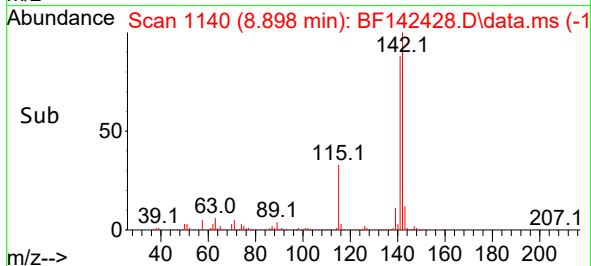
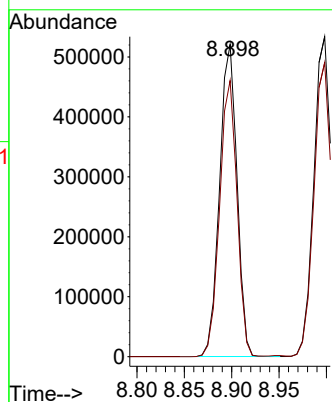
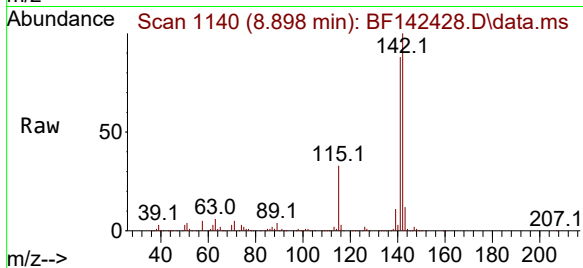
L3-WC-1MS

Tgt Ion:142 Resp: 665741

Ion Ratio Lower Upper

142 100

141 88.4 69.4 104.2



#38

1-Methylnaphthalene

Concen: 42.492 ng

RT: 8.998 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF142428.D

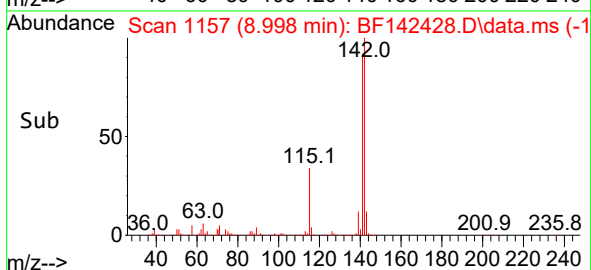
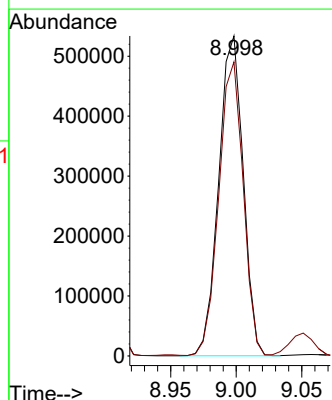
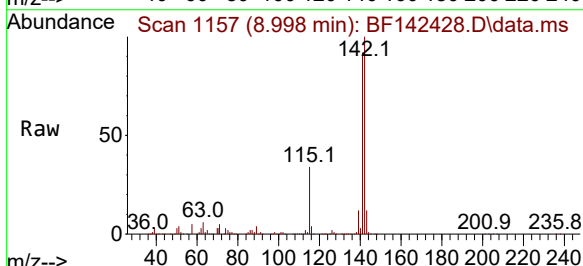
Acq: 16 May 2025 15:46

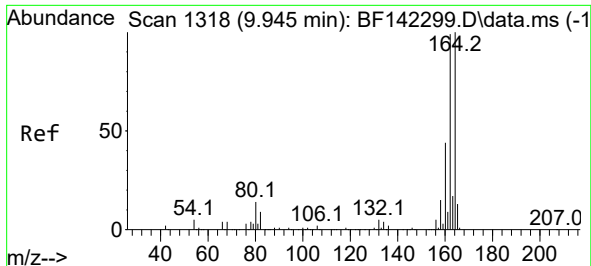
Tgt Ion:142 Resp: 691715

Ion Ratio Lower Upper

142 100

141 91.9 72.5 108.7

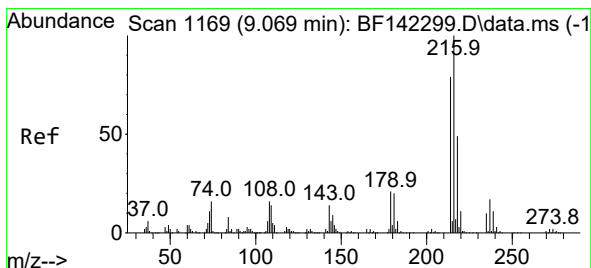
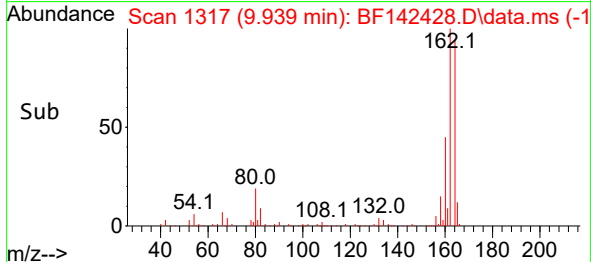
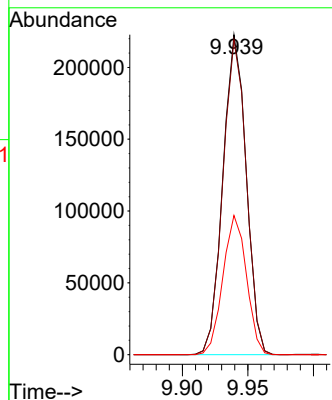
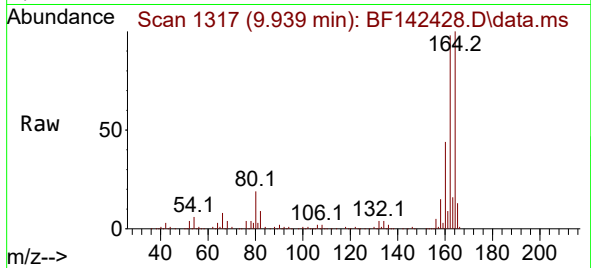




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

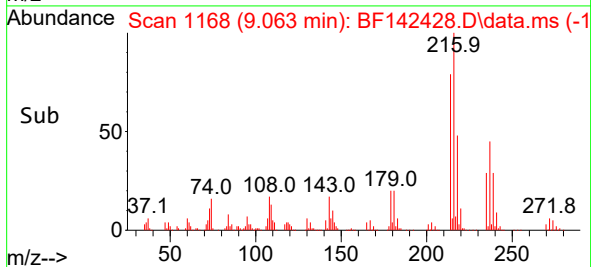
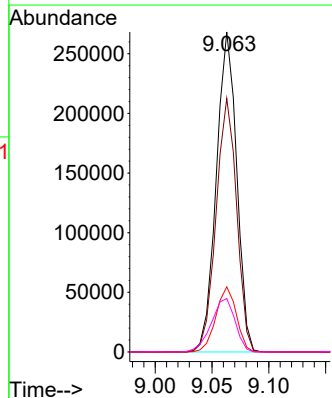
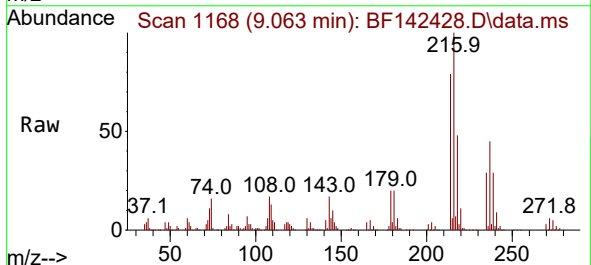
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

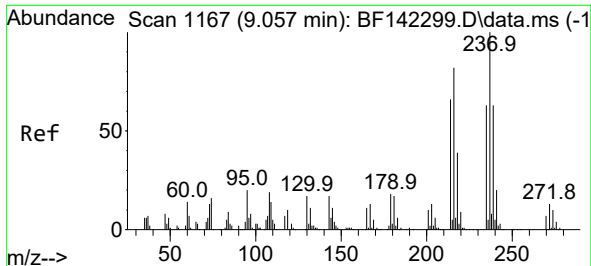
Tgt Ion:164 Resp: 275083
Ion Ratio Lower Upper
164 100
162 98.4 79.2 118.8
160 43.5 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.683 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion:216 Resp: 335611
Ion Ratio Lower Upper
216 100
214 79.6 63.8 95.6
179 20.4 17.0 25.6
108 19.5 15.0 22.6

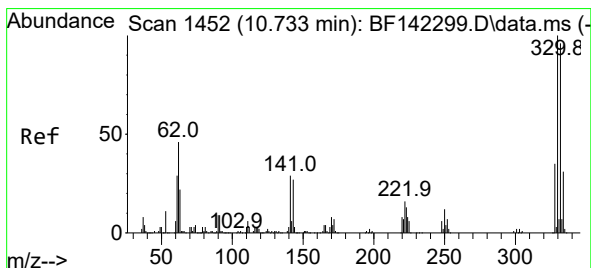
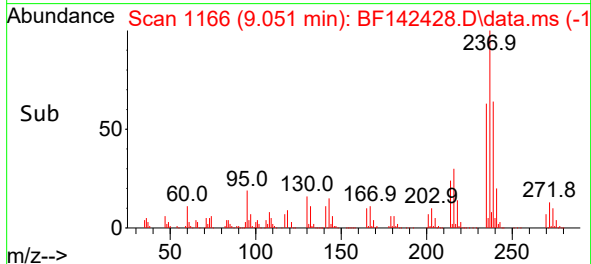
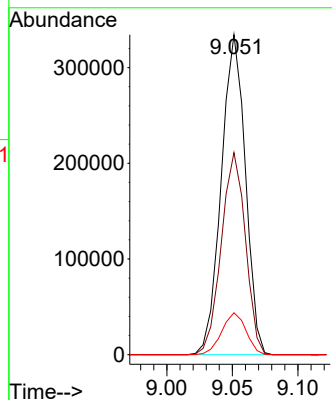
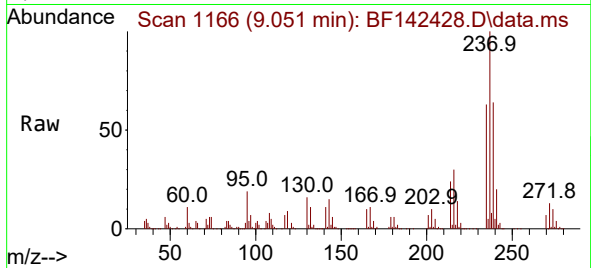




#41
Hexachlorocyclopentadiene
Concen: 89.965 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

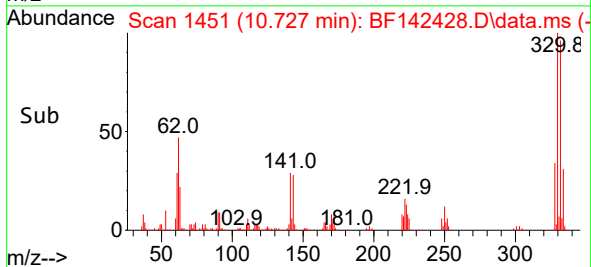
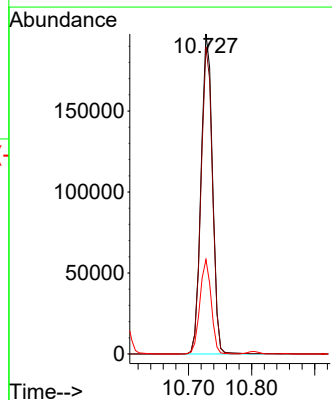
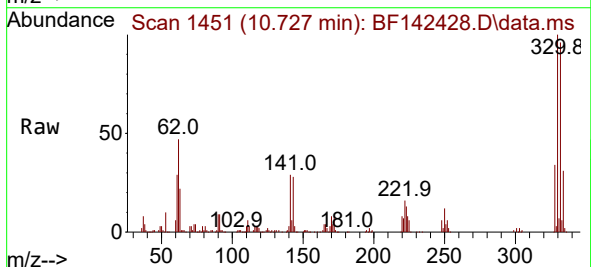
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

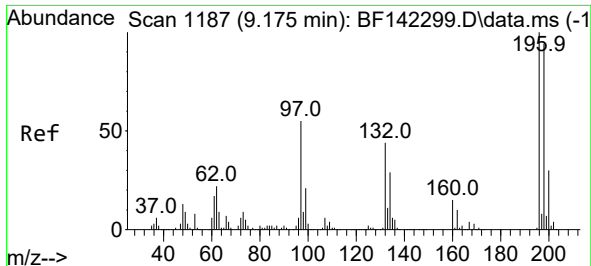
Tgt Ion:237 Resp: 427169
Ion Ratio Lower Upper
237 100
235 63.1 42.8 82.8
272 13.1 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 93.357 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion:330 Resp: 247945
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 29.0 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 49.213 ng

RT: 9.175 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF142428.D

Acq: 16 May 2025 15:46

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MS

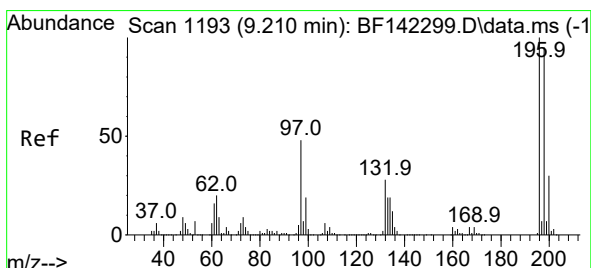
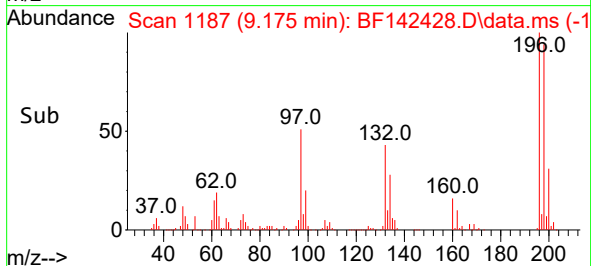
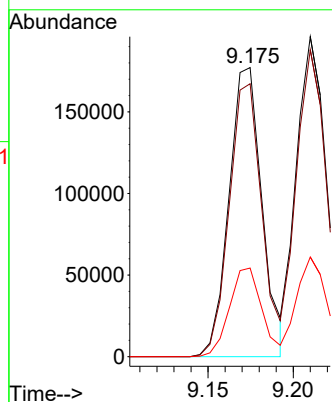
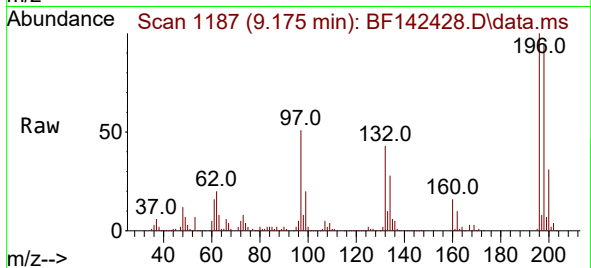
Tgt Ion:196 Resp: 238487

Ion Ratio Lower Upper

196 100

198 94.4 75.4 113.0

200 30.6 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 46.740 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF142428.D

Acq: 16 May 2025 15:46

Tgt Ion:196 Resp: 241004

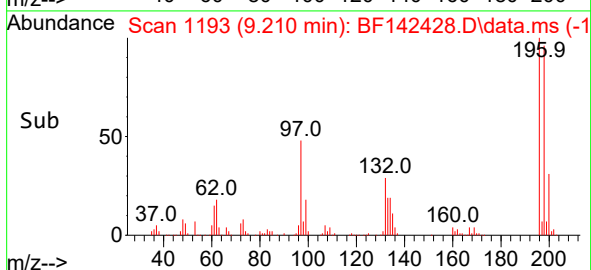
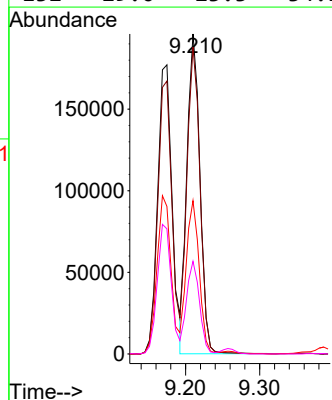
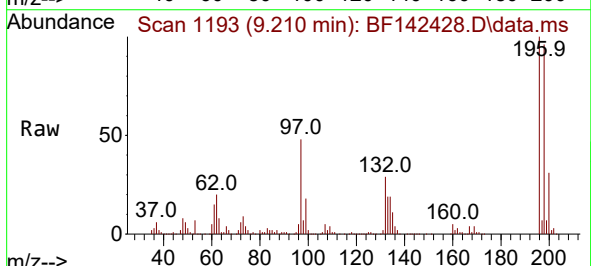
Ion Ratio Lower Upper

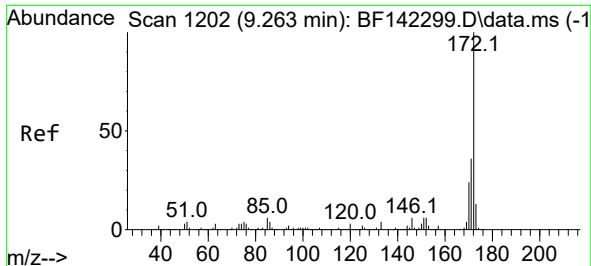
196 100

198 95.9 76.1 114.1

97 47.9 39.0 58.4

132 29.0 23.3 34.9

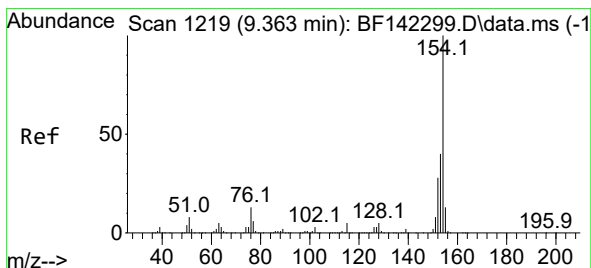
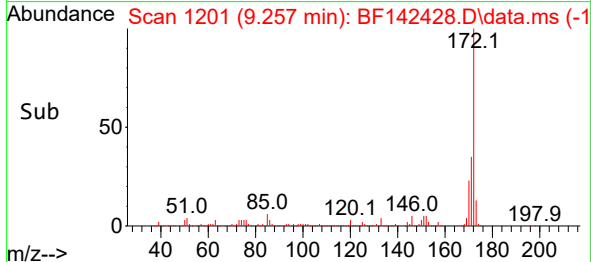
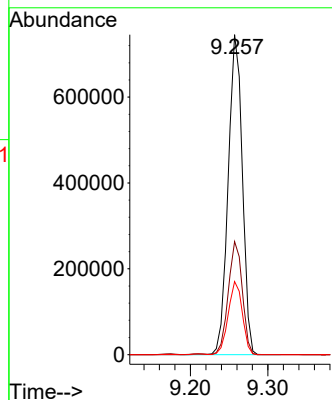
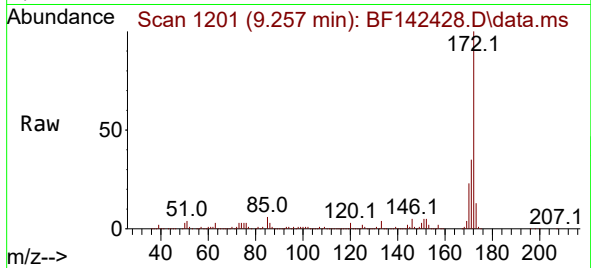




#45
2-Fluorobiphenyl
Concen: 49.110 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

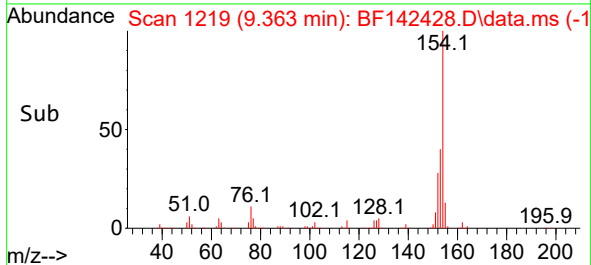
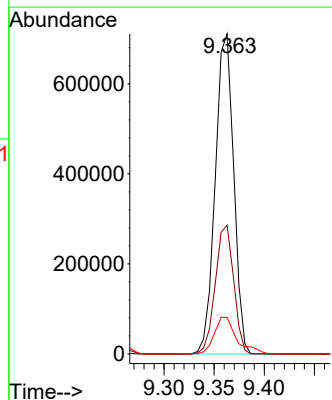
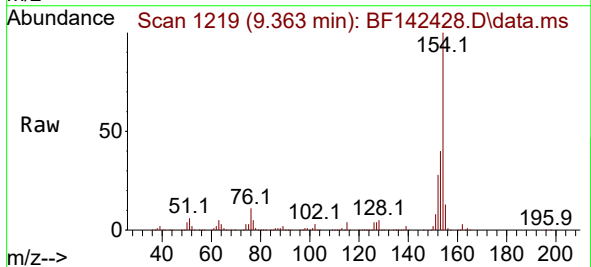
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

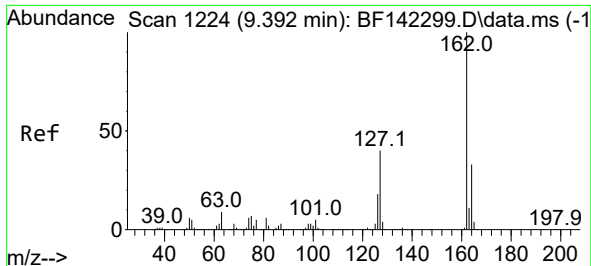
Tgt Ion:172 Resp: 947431
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 22.9 19.0 28.4



#46
1,1'-Biphenyl
Concen: 43.064 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion:154 Resp: 908286
Ion Ratio Lower Upper
154 100
153 40.2 20.5 60.5
76 11.5 0.0 32.8

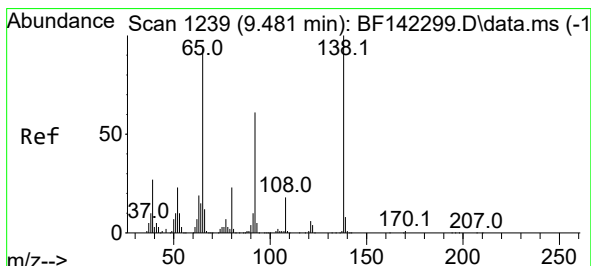
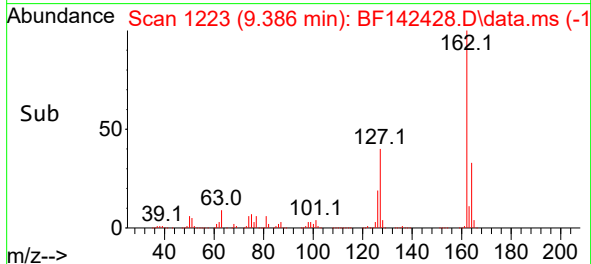
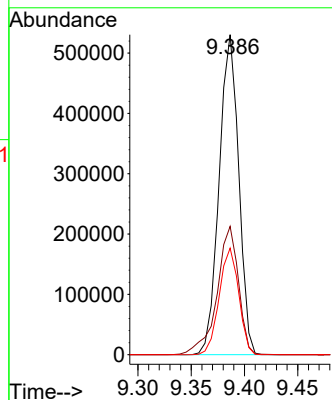
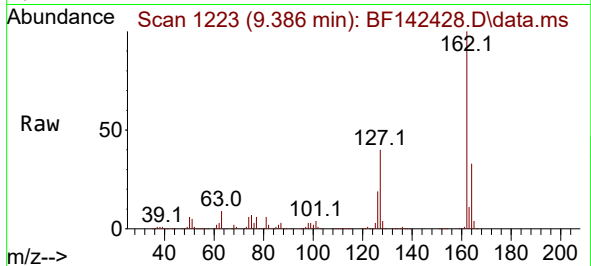




#47
2-Chloronaphthalene
Concen: 43.108 ng
RT: 9.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

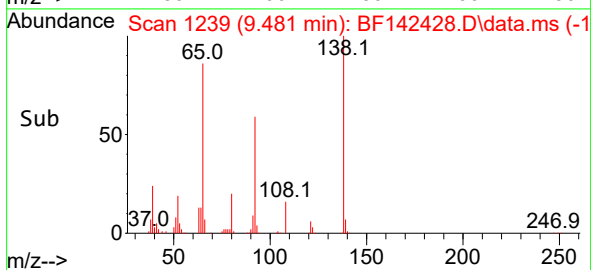
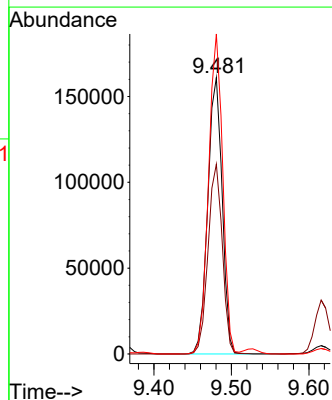
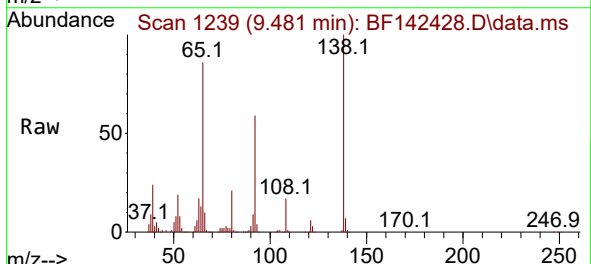
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

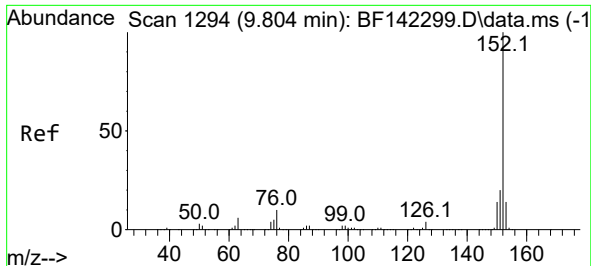
Tgt Ion:162 Resp: 676168
Ion Ratio Lower Upper
162 100
127 40.1 32.3 48.5
164 33.3 26.6 40.0



#48
2-Nitroaniline
Concen: 51.826 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion: 65 Resp: 208366
Ion Ratio Lower Upper
65 100
92 68.7 52.3 78.5
138 115.8 85.6 128.4





#49

Acenaphthylene

Concen: 43.526 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142428.D

Acq: 16 May 2025 15:46

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MS

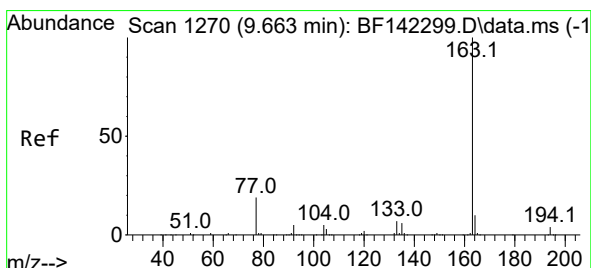
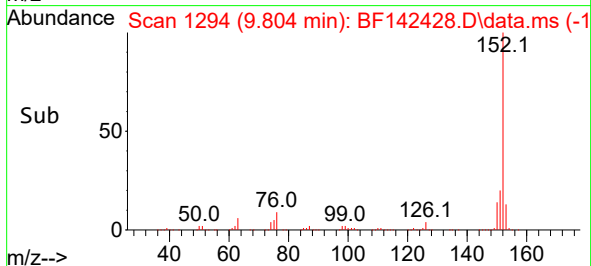
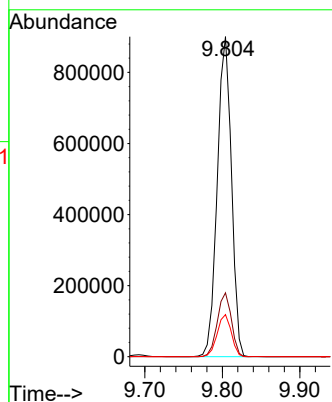
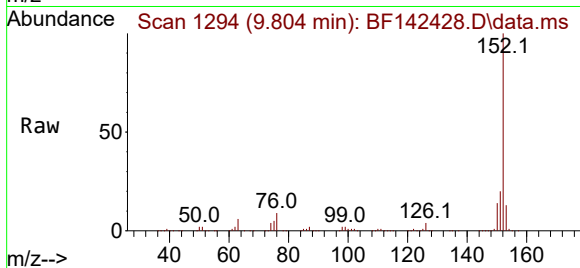
Tgt Ion:152 Resp: 1142094

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.1 10.8 16.2



#50

Dimethylphthalate

Concen: 44.612 ng

RT: 9.657 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF142428.D

Acq: 16 May 2025 15:46

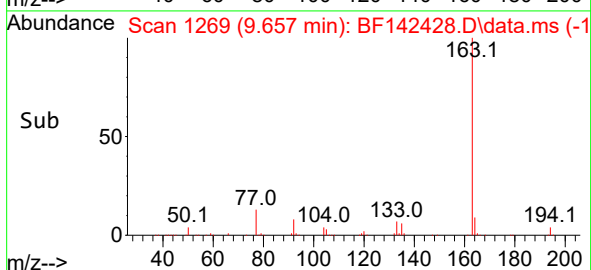
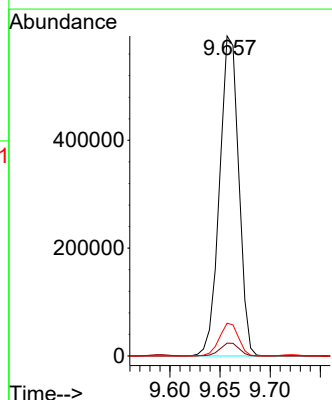
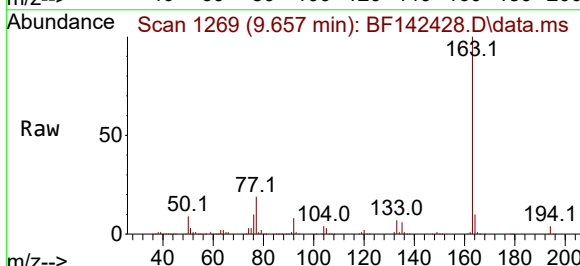
Tgt Ion:163 Resp: 788021

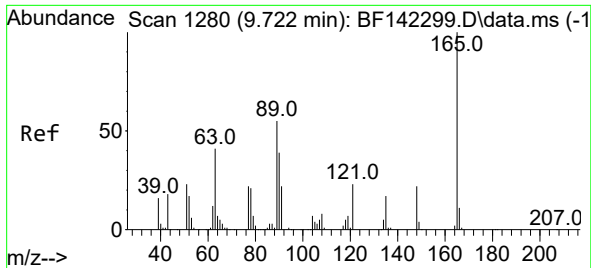
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.3 8.3 12.5

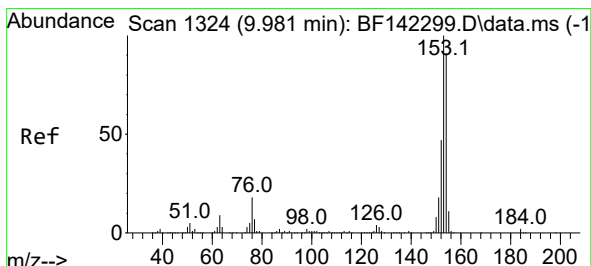
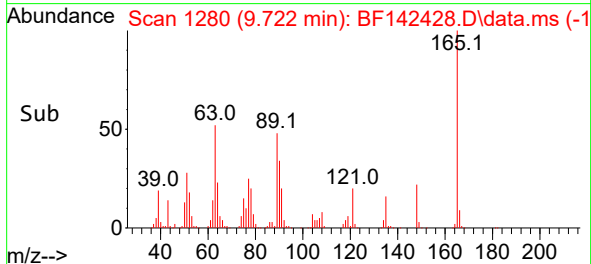
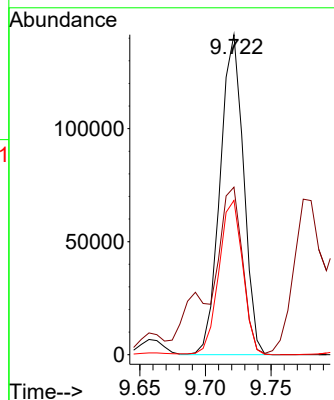
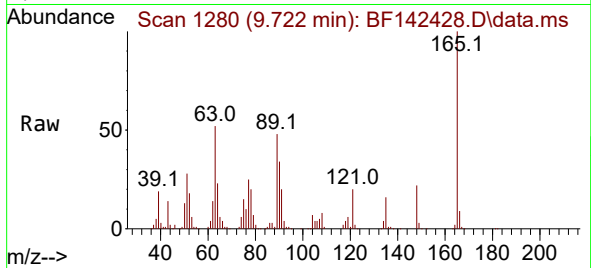




#51
2,6-Dinitrotoluene
Concen: 53.178 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

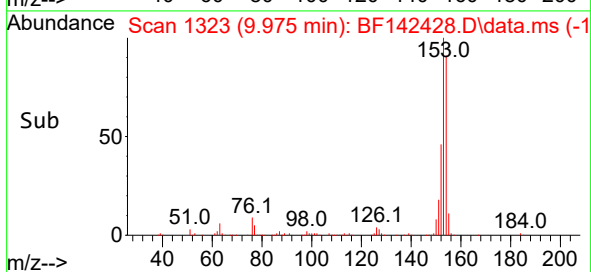
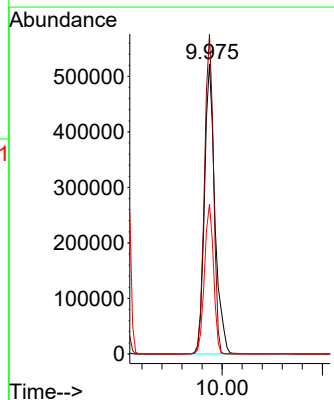
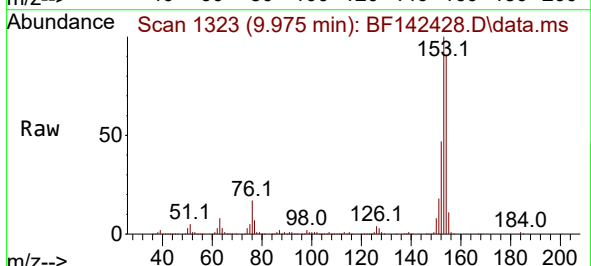
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

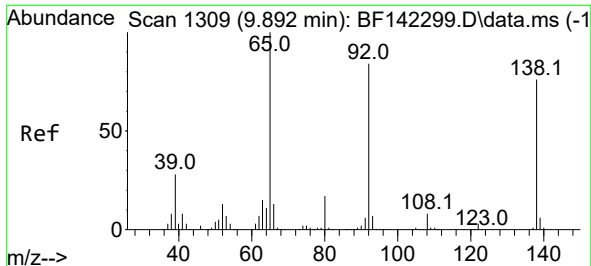
Tgt Ion:165 Resp: 175826
Ion Ratio Lower Upper
165 100
63 52.3 49.5 74.3
89 48.2 44.6 66.8



#52
Acenaphthene
Concen: 48.109 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion:154 Resp: 759039
Ion Ratio Lower Upper
154 100
153 110.3 88.0 132.0
152 51.7 41.6 62.4

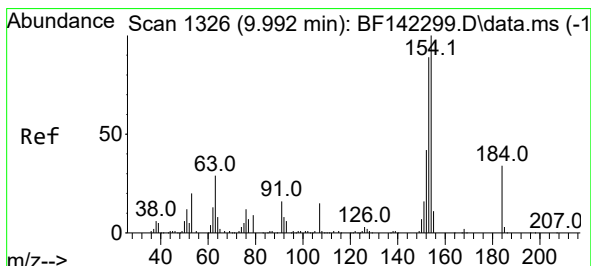
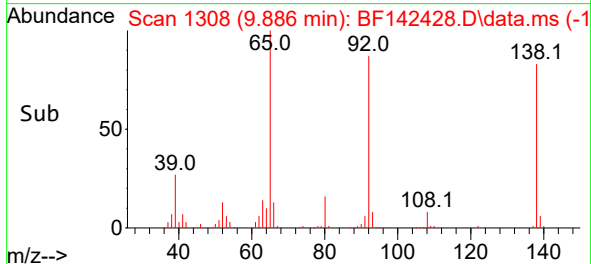
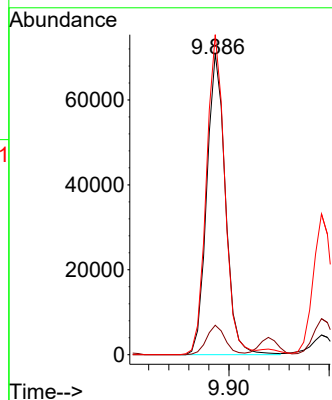
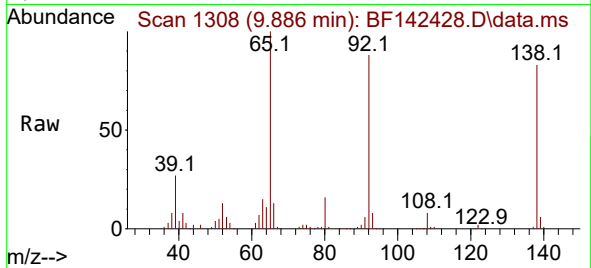




#53
3-Nitroaniline
Concen: 23.586 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

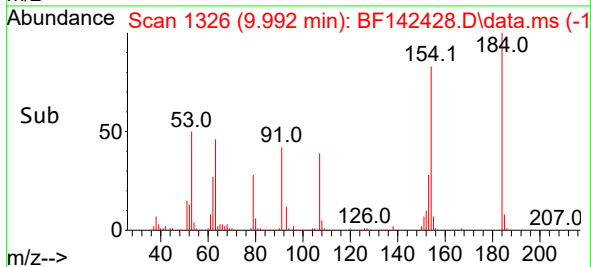
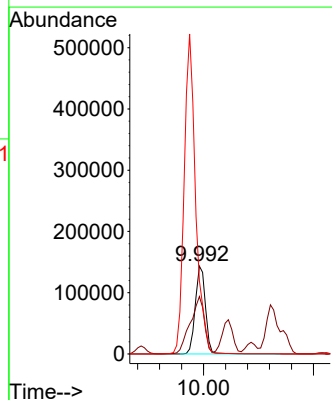
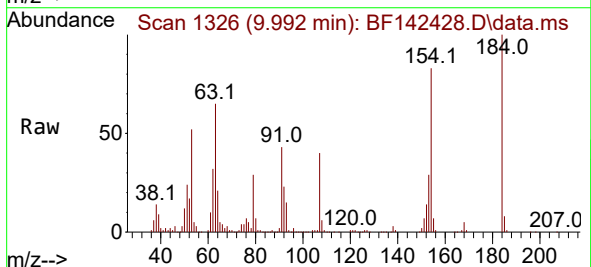
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

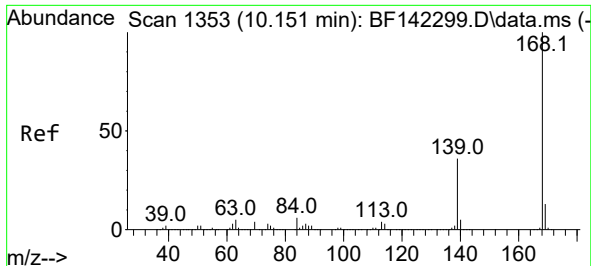
Tgt Ion:138 Resp: 91461
Ion Ratio Lower Upper
138 100
108 9.8 8.7 13.1
92 106.2 89.5 134.3



#54
2,4-Dinitrophenol
Concen: 103.927 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion:184 Resp: 184155
Ion Ratio Lower Upper
184 100
63 65.4 70.6 105.8#
154 83.3 257.2 385.8#

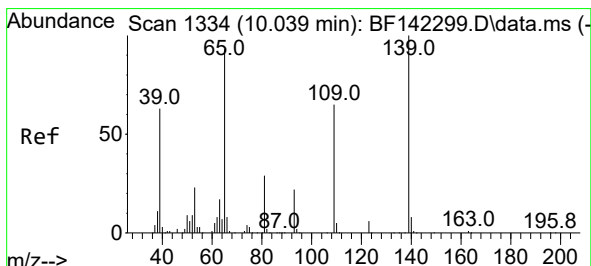
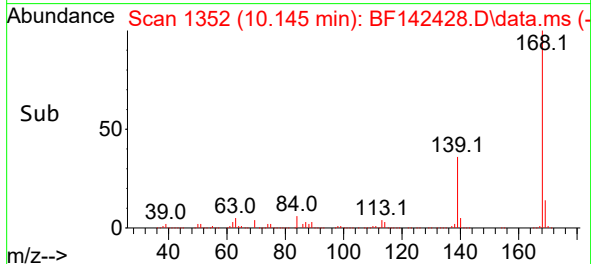
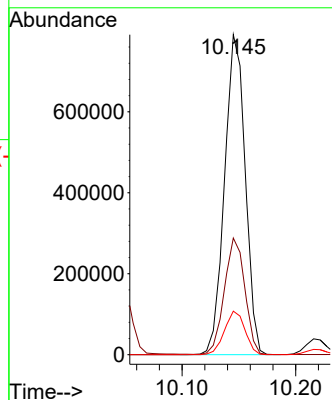
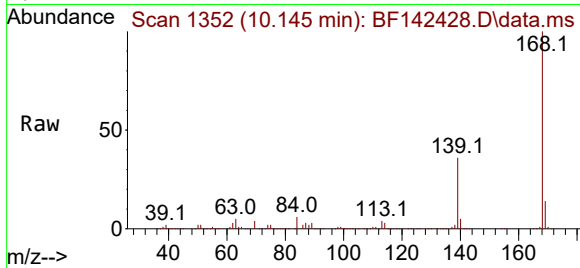




#55
Dibenzenofuran
Concen: 42.951 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

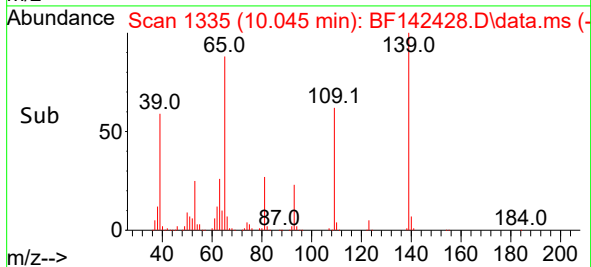
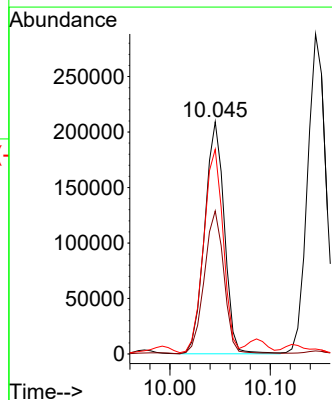
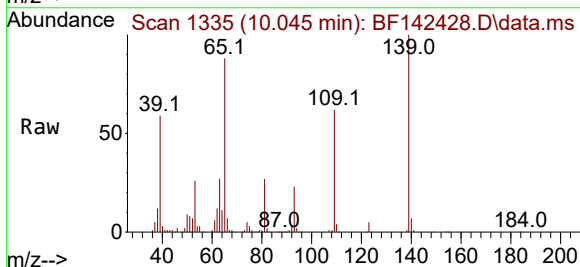
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

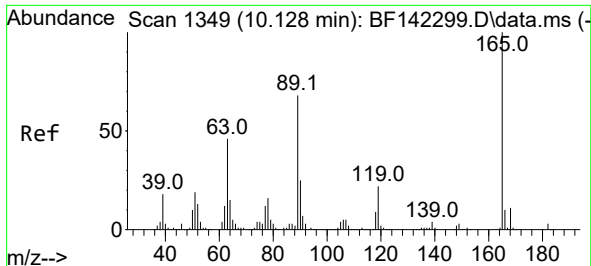
Tgt Ion:168 Resp: 1000094
Ion Ratio Lower Upper
168 100
139 36.5 29.0 43.4
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 97.862 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion:139 Resp: 285607
Ion Ratio Lower Upper
139 100
109 61.6 45.3 85.3
65 88.1 73.9 113.9

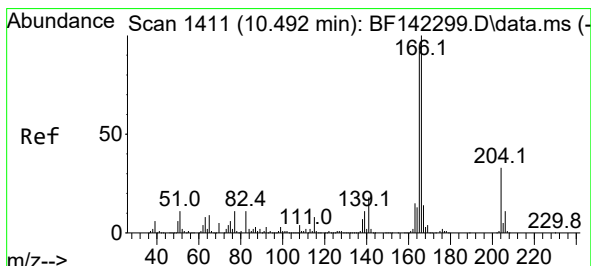
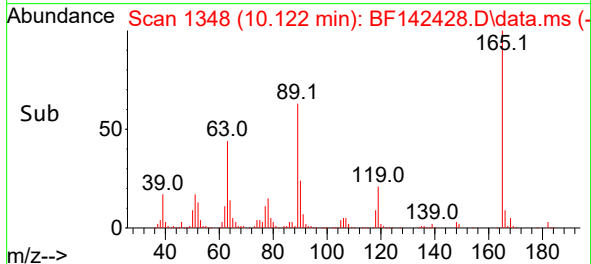
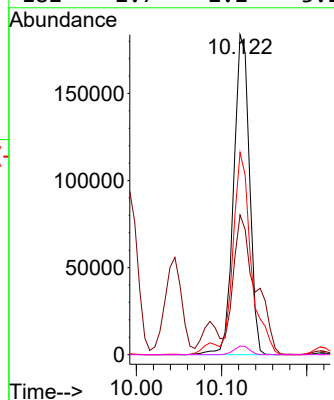
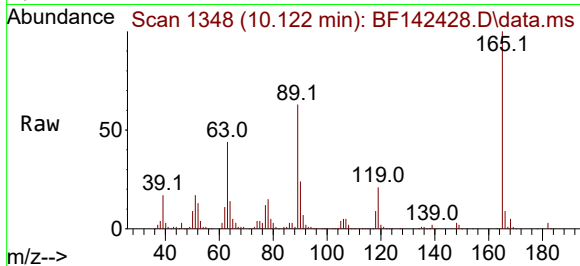




#57
2,4-Dinitrotoluene
Concen: 55.835 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

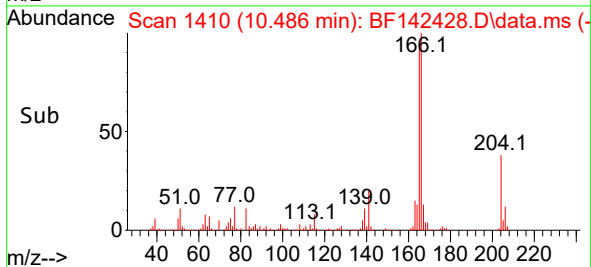
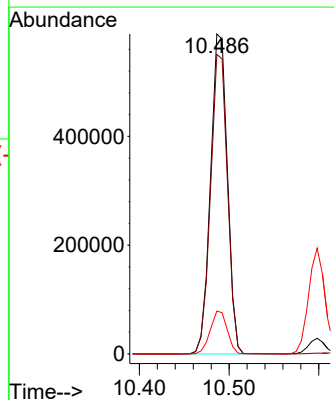
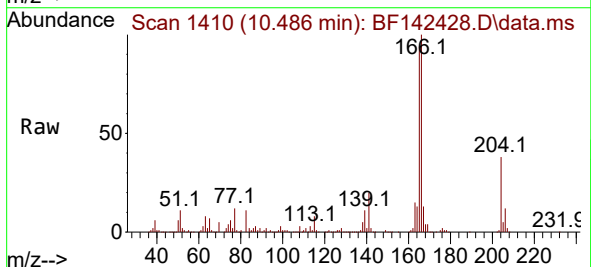
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

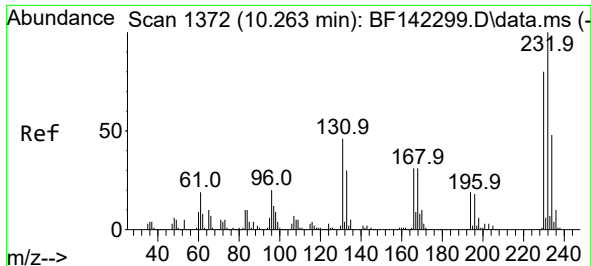
Tgt Ion:165 Resp: 236805
Ion Ratio Lower Upper
165 100
63 43.6 37.1 55.7
89 63.2 54.4 81.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 43.251 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion:166 Resp: 768569
Ion Ratio Lower Upper
166 100
165 93.6 74.0 111.0
167 13.4 10.9 16.3

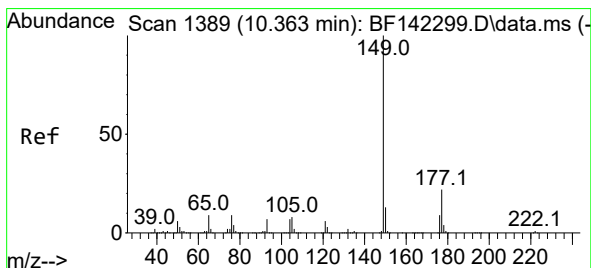
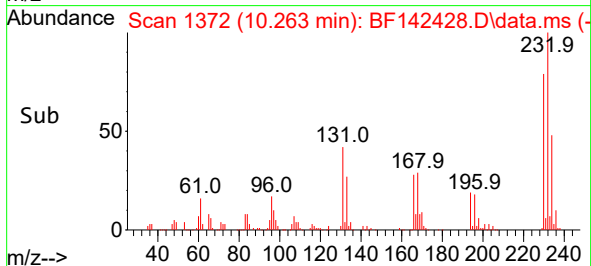
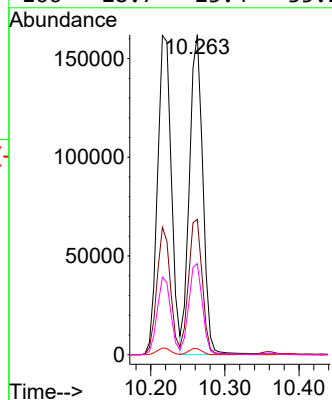
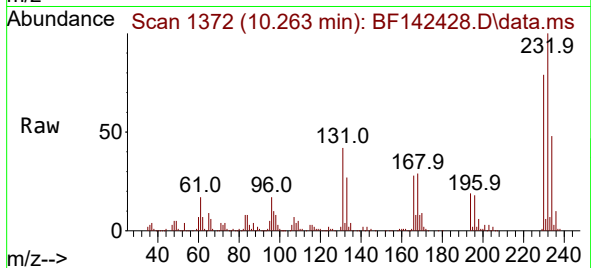




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.702 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

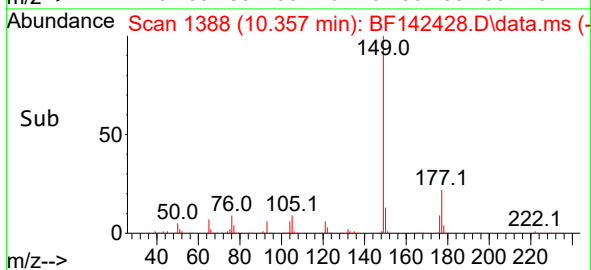
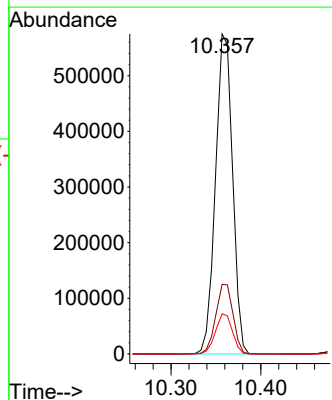
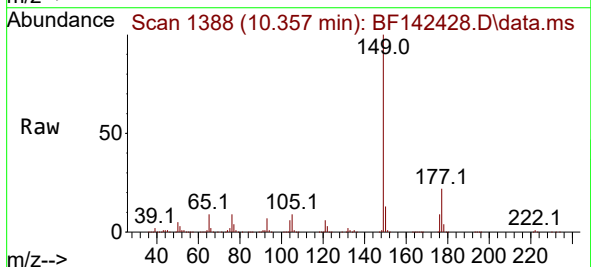
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

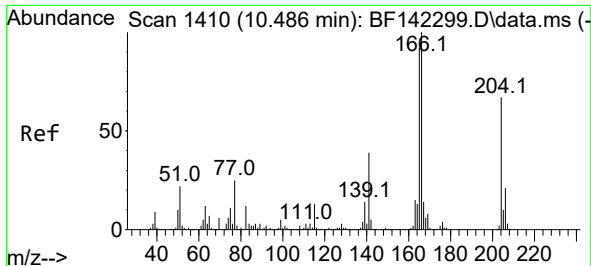
Tgt Ion:232 Resp: 203047
Ion Ratio Lower Upper
232 100
131 43.6 36.0 54.0
130 2.0 1.8 2.6
166 28.7 23.4 35.2



#60
Diethylphthalate
Concen: 43.100 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion:149 Resp: 760296
Ion Ratio Lower Upper
149 100
177 21.8 17.6 26.4
150 12.6 10.1 15.1

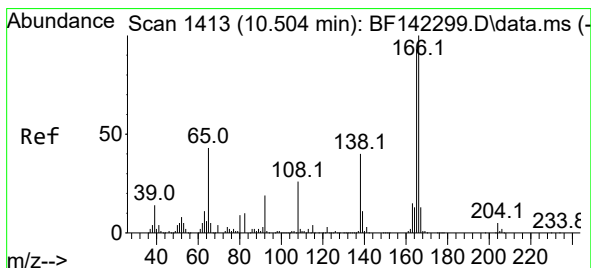
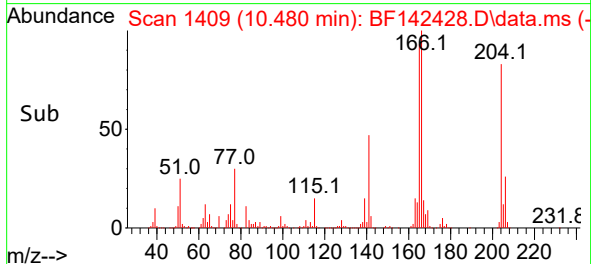
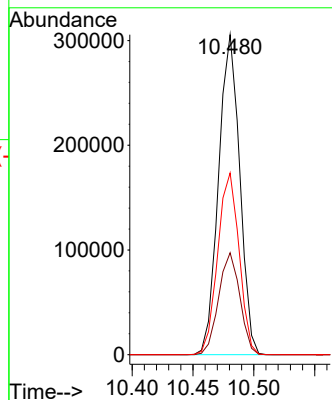
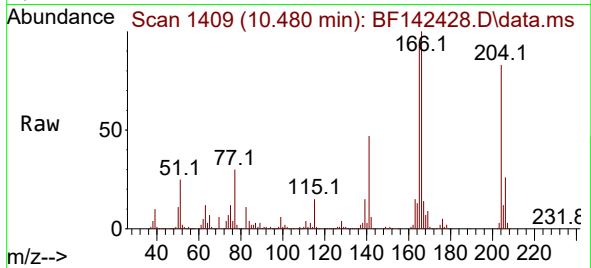




#61
4-Chlorophenyl-phenylether
Concen: 43.101 ng
RT: 10.480 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

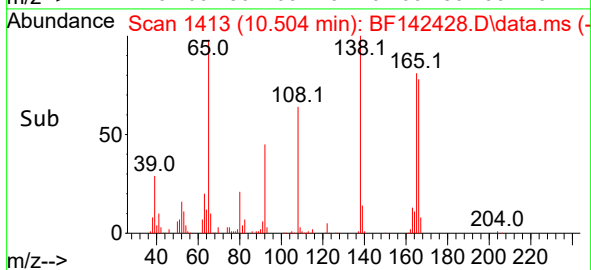
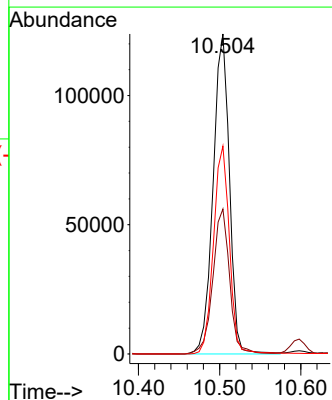
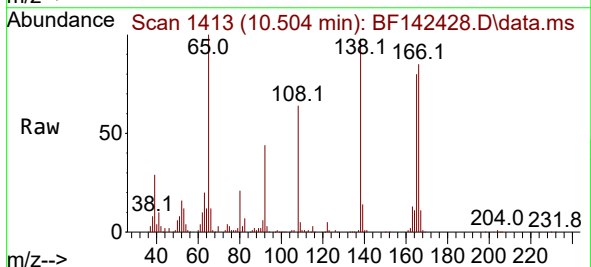
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

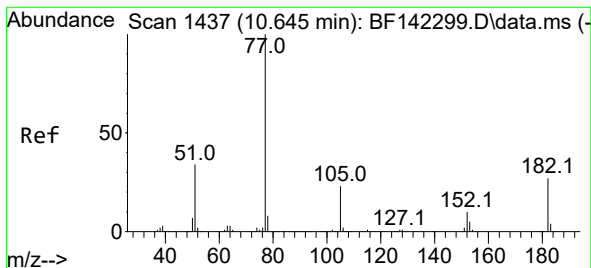
Tgt Ion:204 Resp: 369512
Ion Ratio Lower Upper
204 100
206 31.9 25.5 38.3
141 56.8 46.4 69.6



#62
4-Nitroaniline
Concen: 56.299 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion:138 Resp: 173027
Ion Ratio Lower Upper
138 100
92 45.3 27.3 67.3
108 65.0 45.1 85.1





#63

Azobenzene

Concen: 45.211 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142428.D

Acq: 16 May 2025 15:46

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MS

Tgt Ion: 77 Resp: 762104

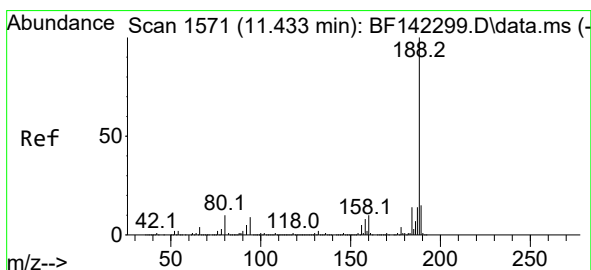
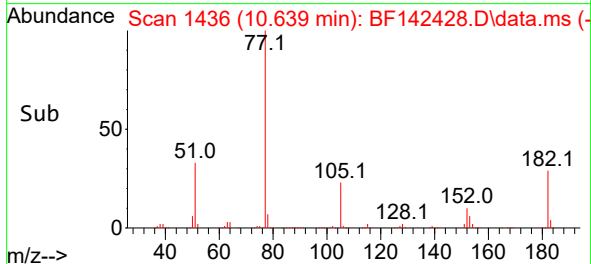
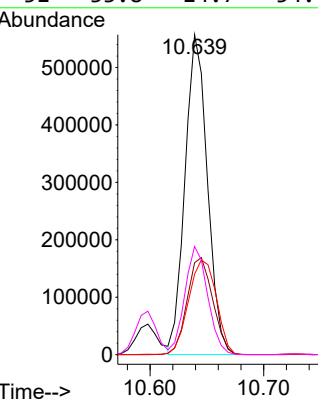
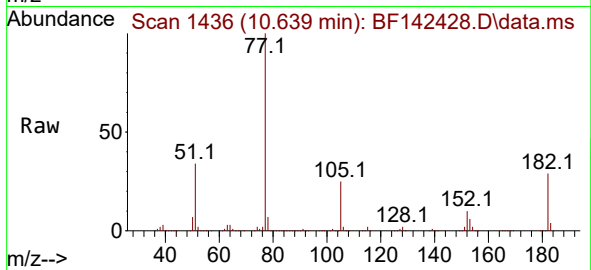
Ion Ratio Lower Upper

77 100

182 28.7 6.9 46.9

105 25.2 2.7 42.7

51 33.8 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142428.D

Acq: 16 May 2025 15:46

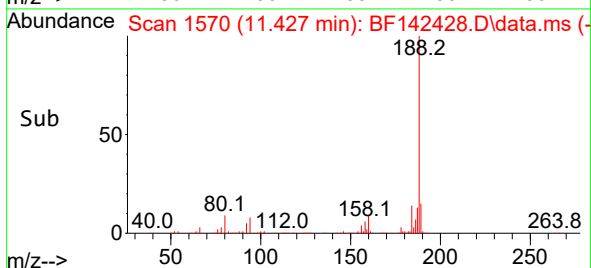
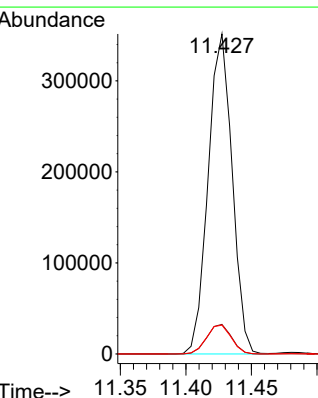
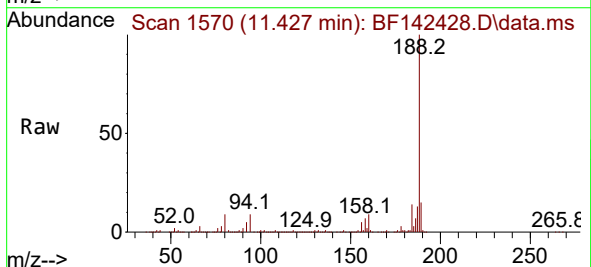
Tgt Ion:188 Resp: 447181

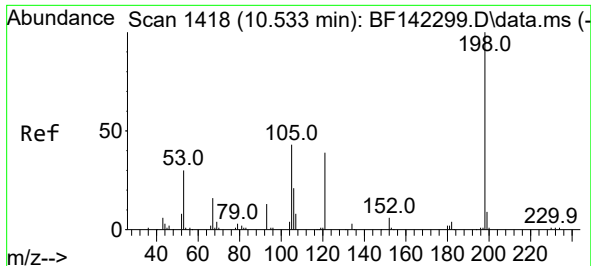
Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 9.0 7.9 11.9

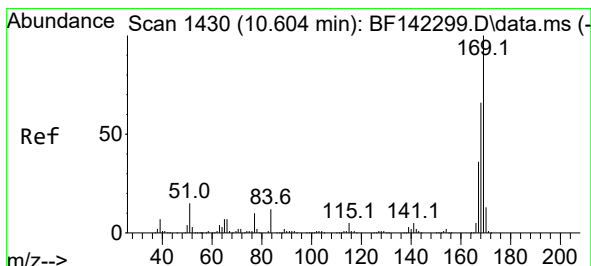
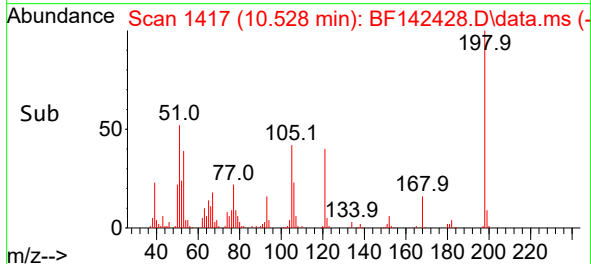
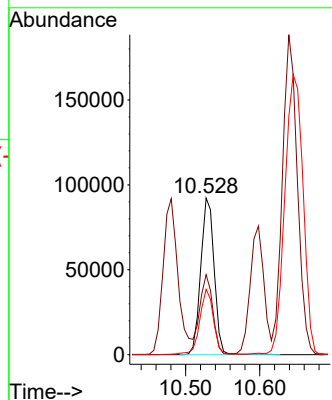
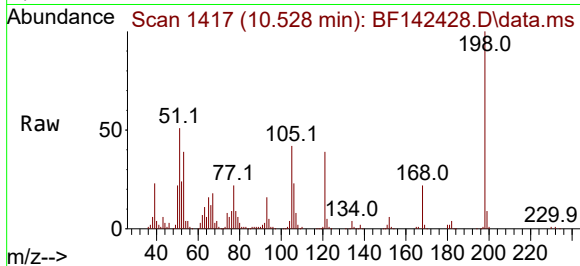




#65
4,6-Dinitro-2-methylphenol
Concen: 54.395 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.005 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

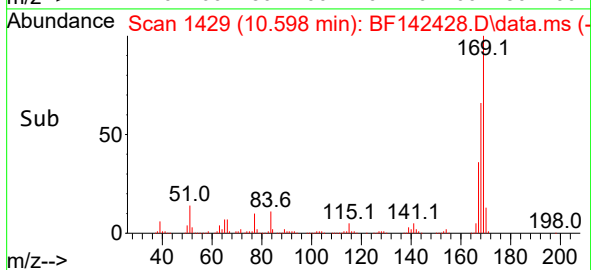
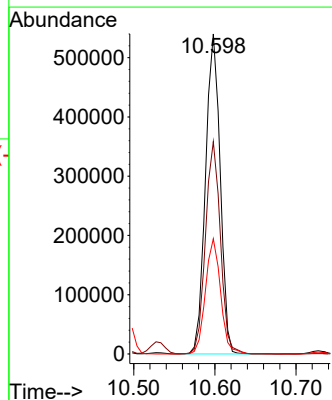
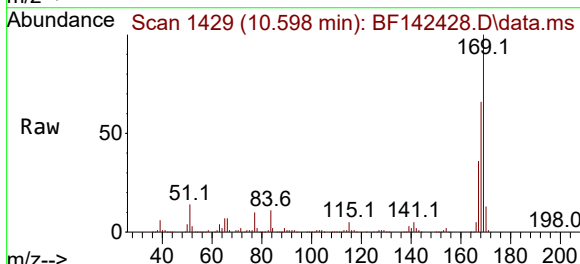
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

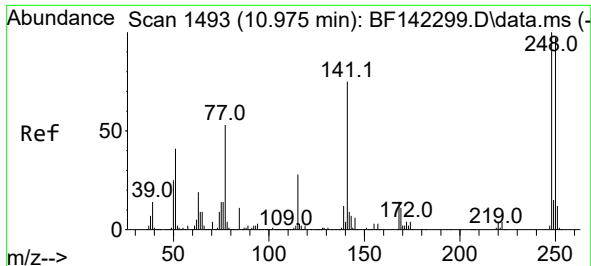
Tgt Ion:198 Resp: 115734
Ion Ratio Lower Upper
198 100
51 51.1 32.9 72.9
105 41.6 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 45.402 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion:169 Resp: 675610
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 36.0 28.9 43.3

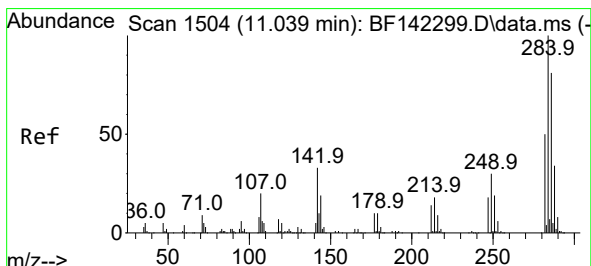
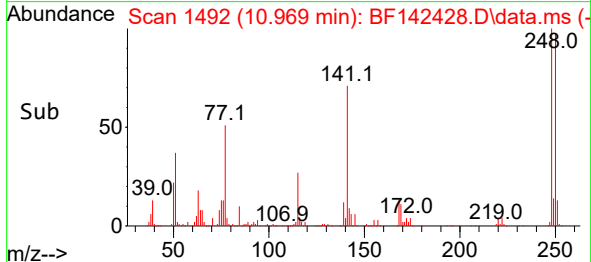
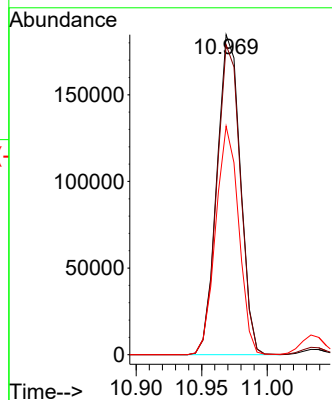
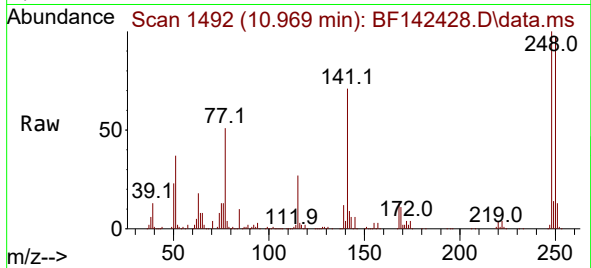




#67
4-Bromophenyl-phenylether
Concen: 45.405 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

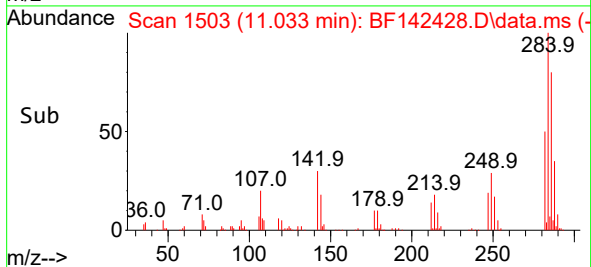
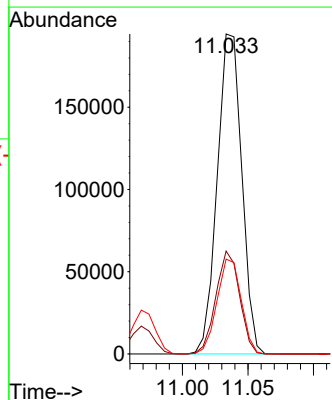
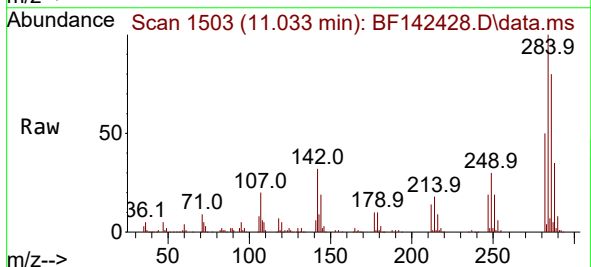
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

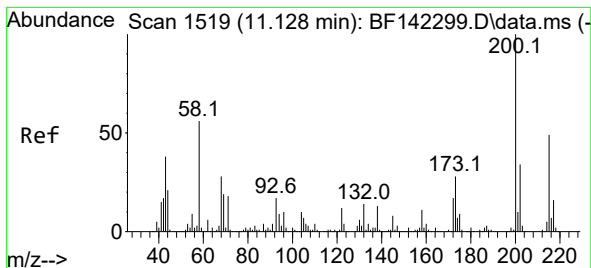
Tgt Ion:248 Resp: 230116
Ion Ratio Lower Upper
248 100
250 96.8 77.9 116.9
141 71.4 59.8 89.8



#68
Hexachlorobenzene
Concen: 45.396 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion:284 Resp: 253071
Ion Ratio Lower Upper
284 100
142 32.1 26.6 39.8
249 29.6 24.1 36.1





#69

Atrazine

Concen: 49.194 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF142428.D

Acq: 16 May 2025 15:46

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MS

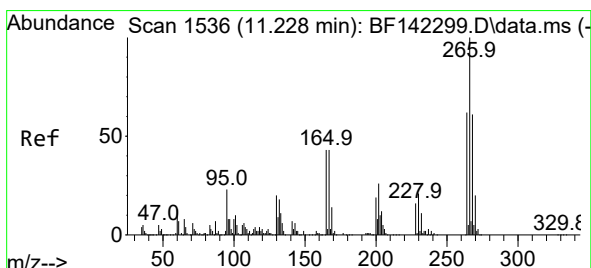
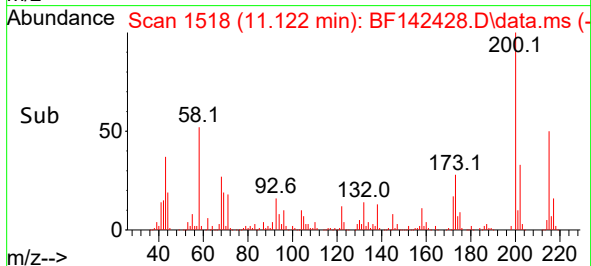
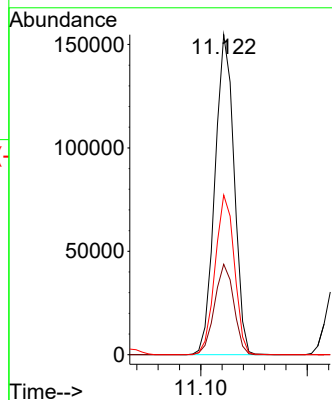
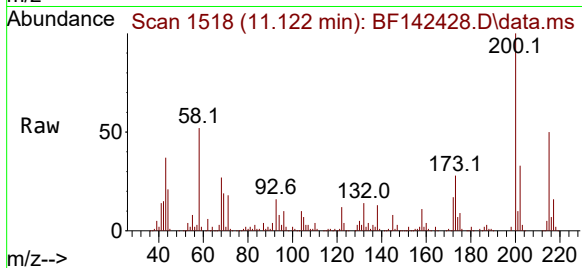
Tgt Ion:200 Resp: 192964

Ion Ratio Lower Upper

200 100

173 28.3 8.1 48.1

215 49.9 28.8 68.8



#70

Pentachlorophenol

Concen: 94.193 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF142428.D

Acq: 16 May 2025 15:46

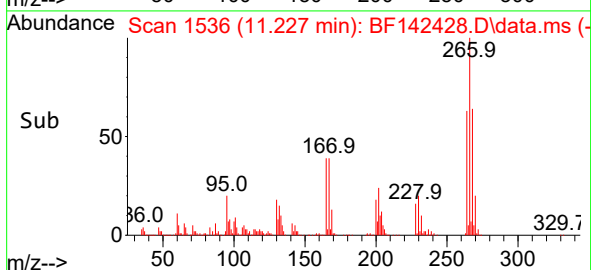
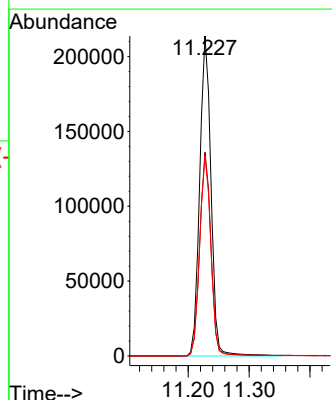
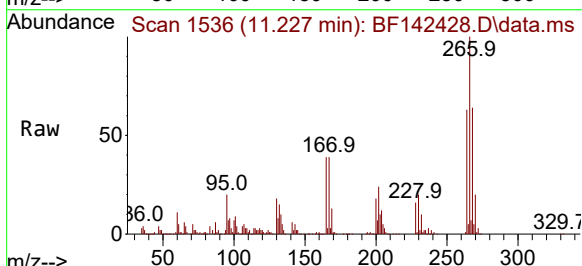
Tgt Ion:266 Resp: 276241

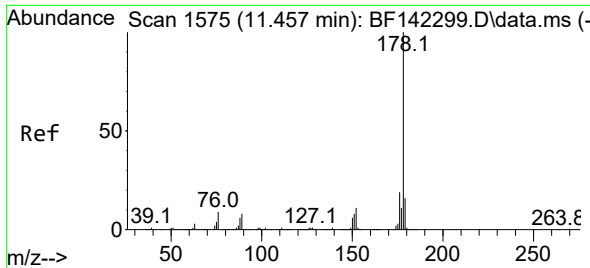
Ion Ratio Lower Upper

266 100

268 63.7 48.7 73.1

264 62.6 49.8 74.6

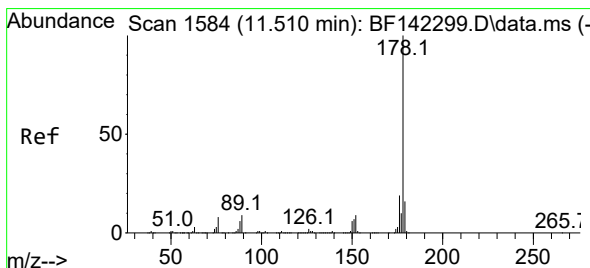
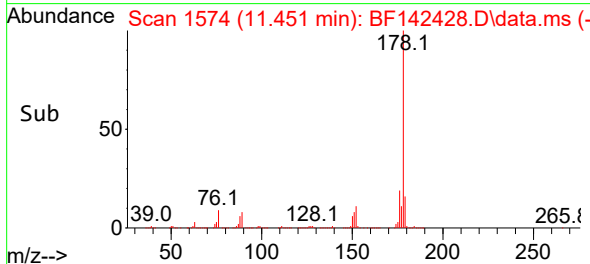
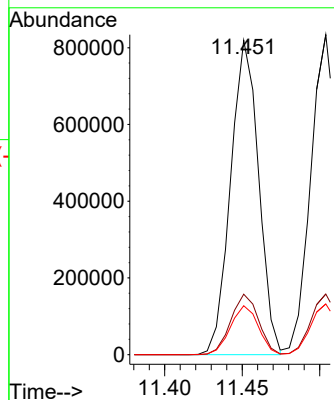
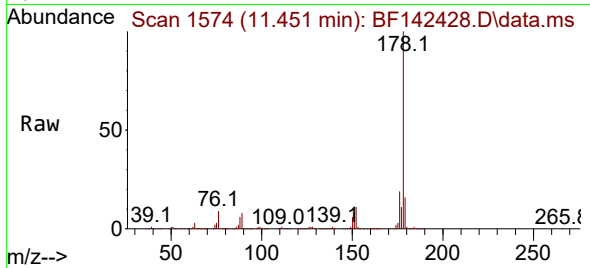




#71
Phenanthrene
Concen: 43.950 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

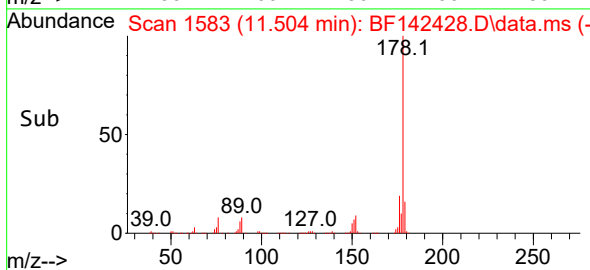
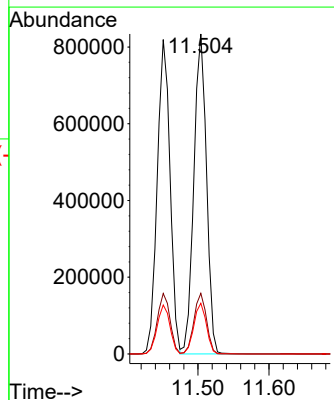
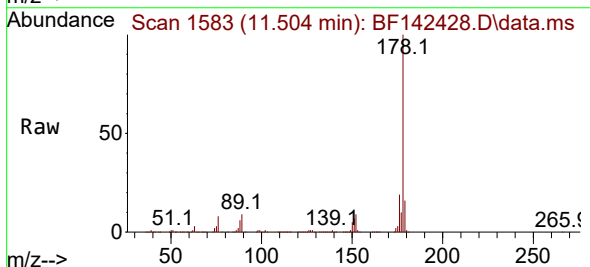
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

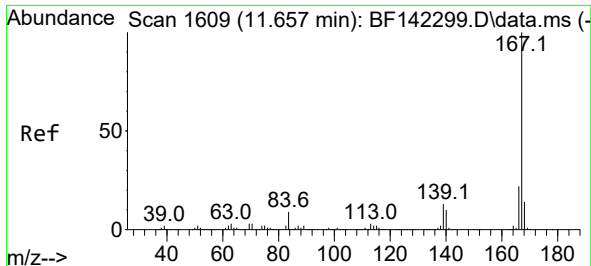
Tgt Ion:178 Resp: 1030186
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.6 12.6 18.8



#72
Anthracene
Concen: 42.874 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion:178 Resp: 1032598
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.9 12.6 18.8

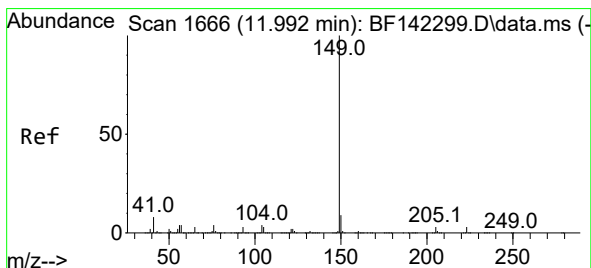
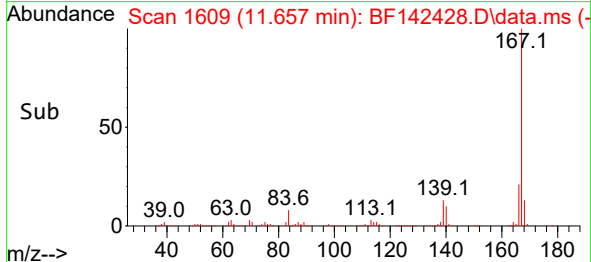
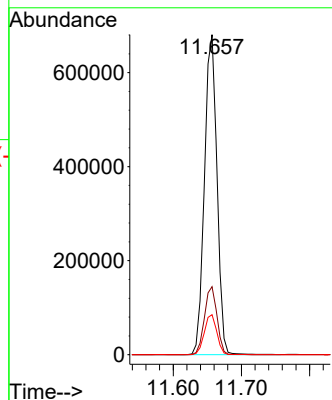
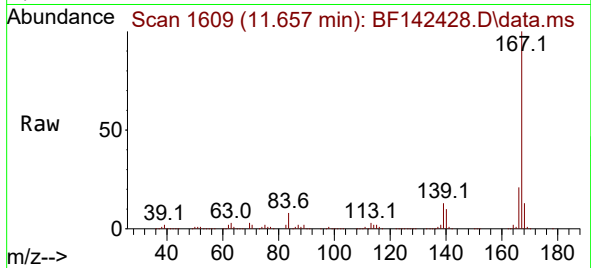




#73
 Carbazole
 Concen: 40.304 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF142428.D
 Acq: 16 May 2025 15:46

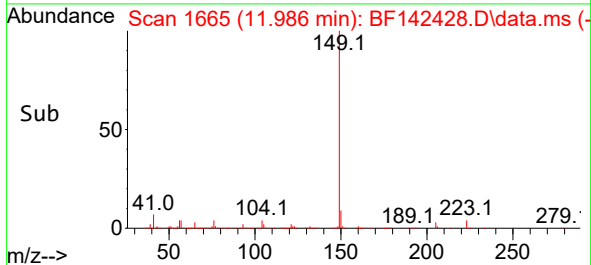
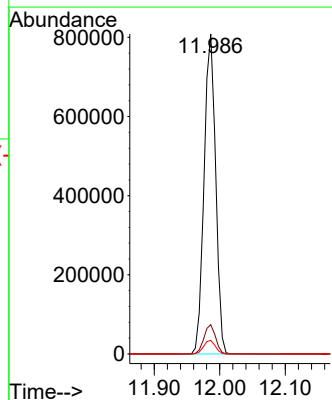
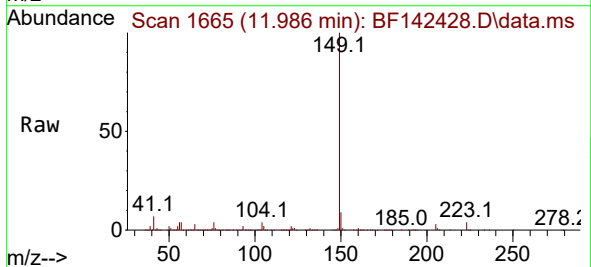
Instrument :
 BNA_F
 ClientSampleId :
 L3-WC-1MS

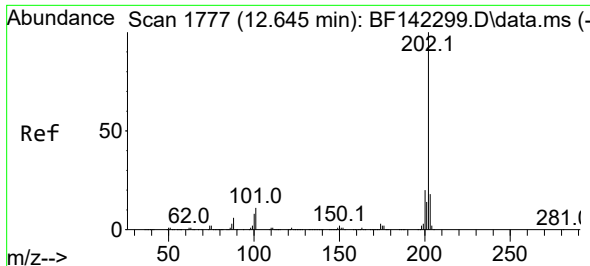
Tgt Ion:167 Resp: 870883
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.5 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 43.718 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142428.D
 Acq: 16 May 2025 15:46

Tgt Ion:149 Resp: 993331
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.3 3.6 5.4

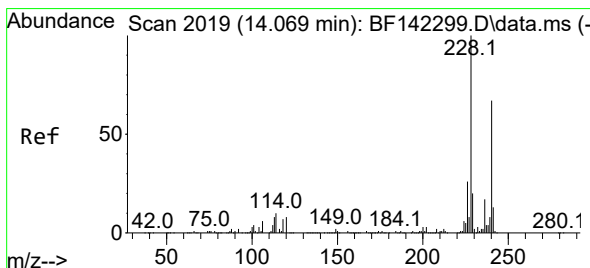
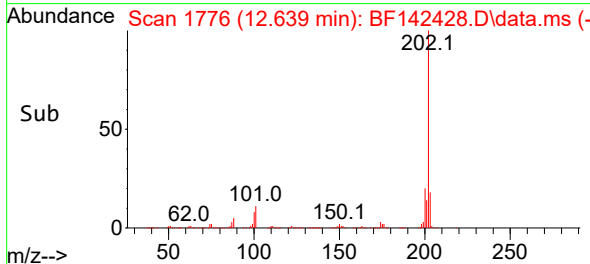
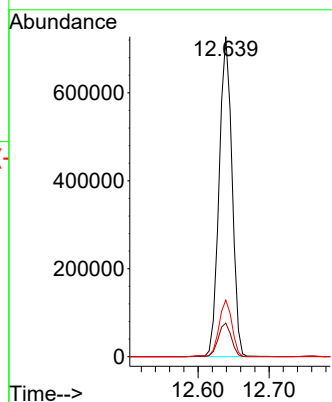
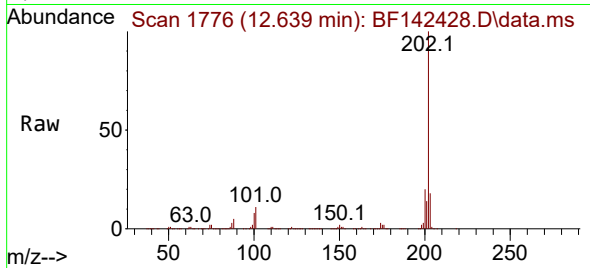




#75
Fluoranthene
Concen: 38.949 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

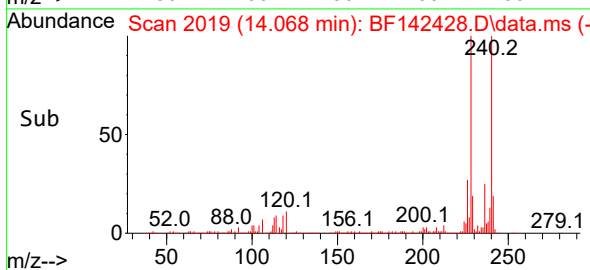
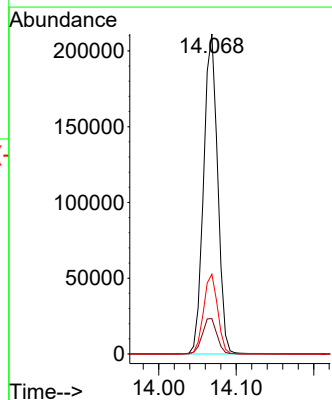
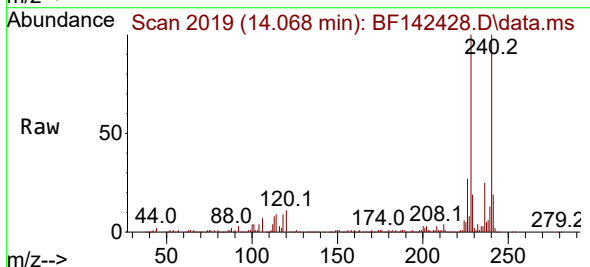
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

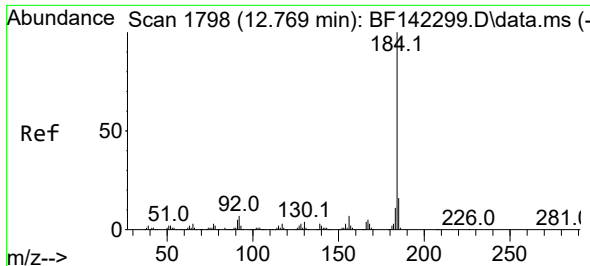
Tgt Ion:202 Resp: 912620
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 17.7 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion:240 Resp: 265603
Ion Ratio Lower Upper
240 100
120 11.0 9.7 14.5
236 24.9 20.0 30.0

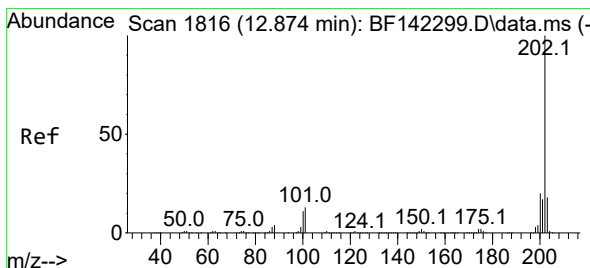
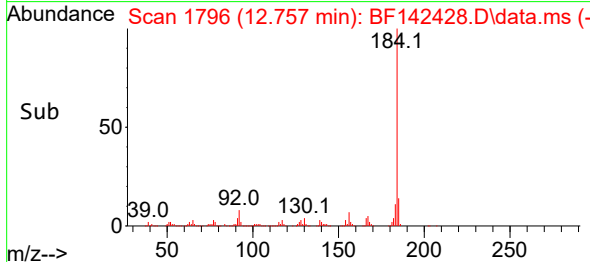
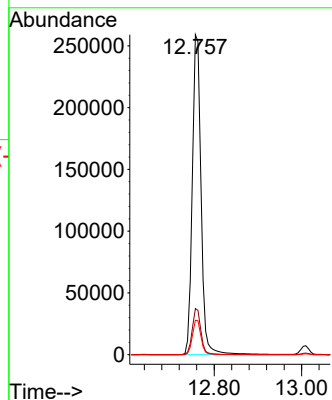
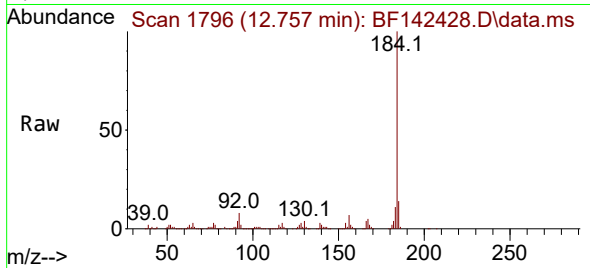




#77
Benzidine
Concen: 74.937 ng
RT: 12.757 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

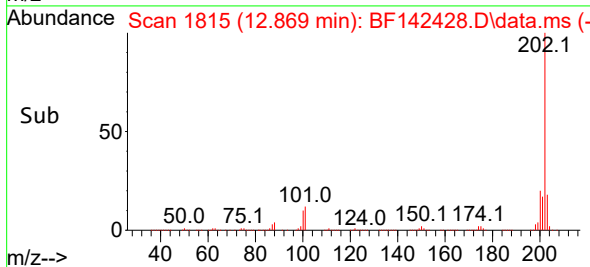
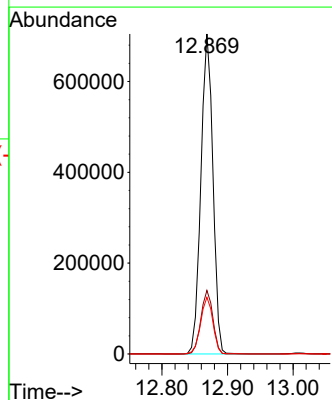
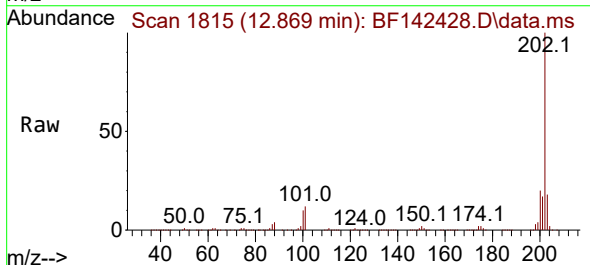
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

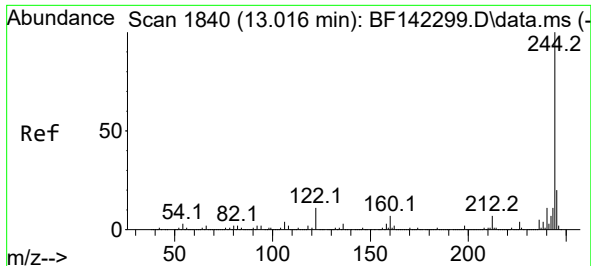
Tgt Ion:184 Resp: 361702
Ion Ratio Lower Upper
184 100
185 14.4 12.6 18.8
183 10.8 8.6 12.8



#78
Pyrene
Concen: 38.047 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion:202 Resp: 899478
Ion Ratio Lower Upper
202 100
200 19.9 16.2 24.4
203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 42.856 ng

RT: 13.010 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142428.D

Acq: 16 May 2025 15:46

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MS

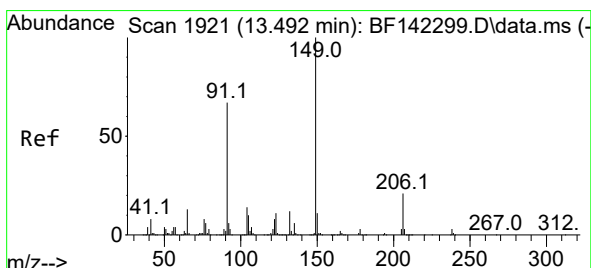
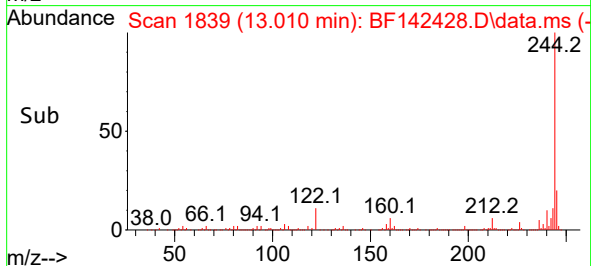
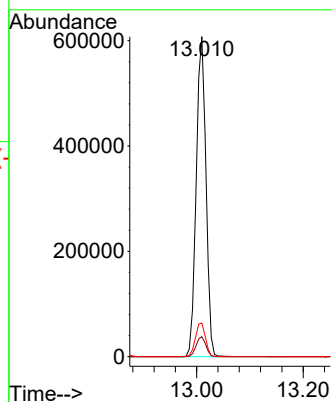
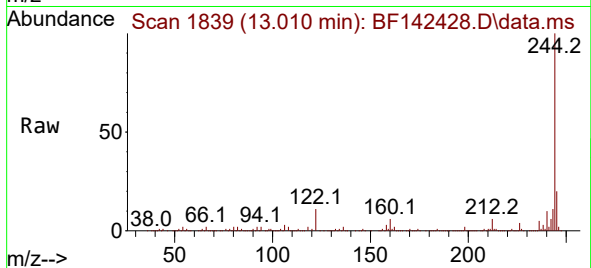
Tgt Ion:244 Resp: 769053

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.2

122 10.5 9.0 13.4



#80

Butylbenzylphthalate

Concen: 45.438 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142428.D

Acq: 16 May 2025 15:46

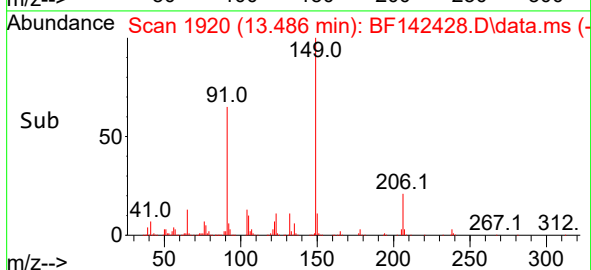
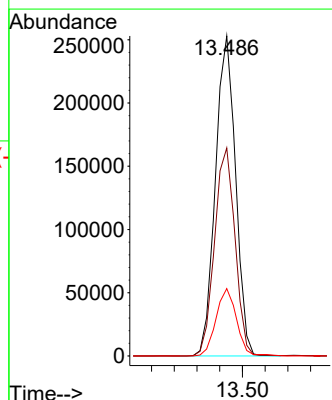
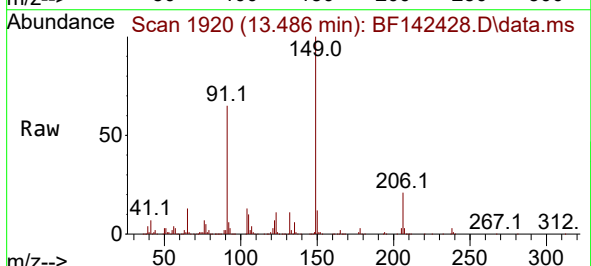
Tgt Ion:149 Resp: 312036

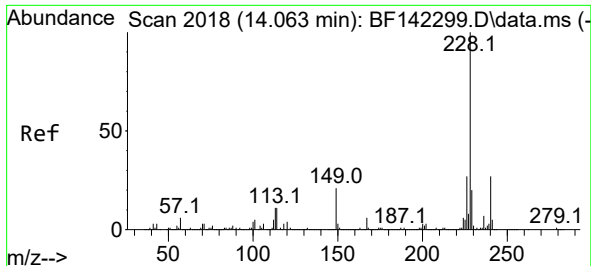
Ion Ratio Lower Upper

149 100

91 65.0 53.8 80.6

206 21.1 16.6 24.8

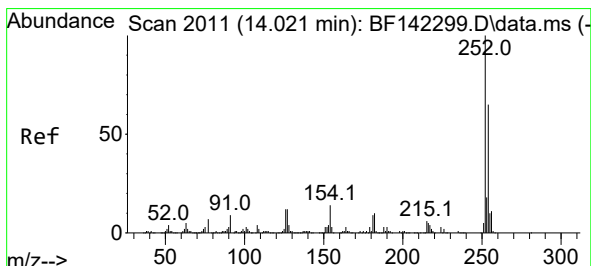
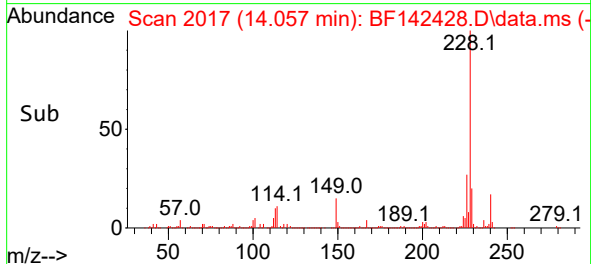
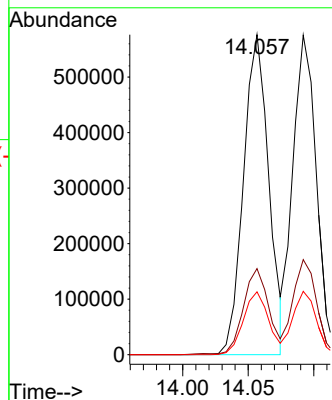
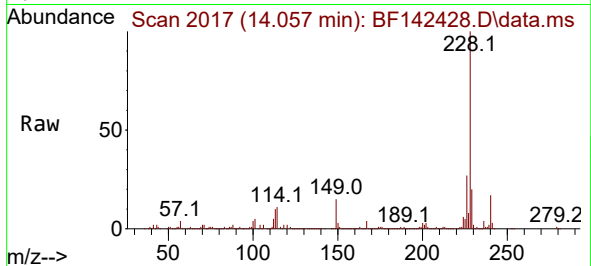




#81
Benzo(a)anthracene
Concen: 45.008 ng
RT: 14.057 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

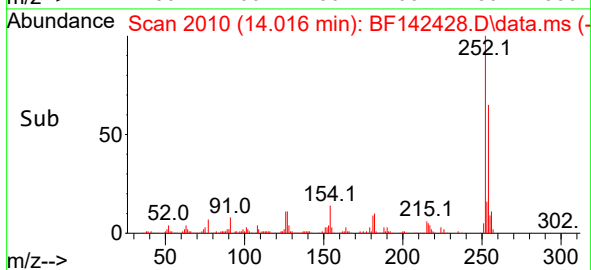
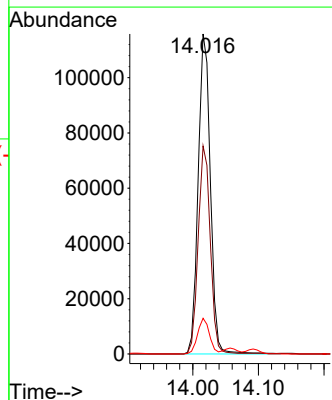
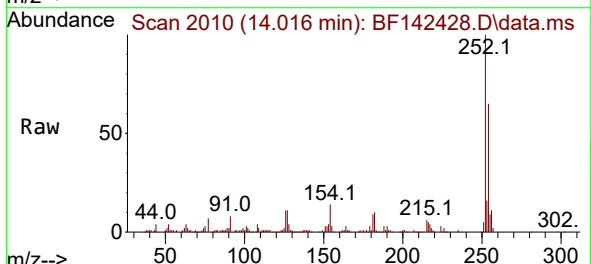
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

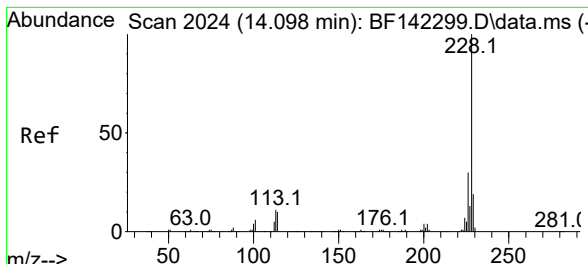
Tgt Ion:228 Resp: 774173
Ion Ratio Lower Upper
228 100
226 26.9 21.5 32.3
229 19.7 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 37.487 ng
RT: 14.016 min Scan# 2010
Delta R.T. -0.005 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion:252 Resp: 149949
Ion Ratio Lower Upper
252 100
254 65.0 52.0 78.0
126 11.2 9.7 14.5



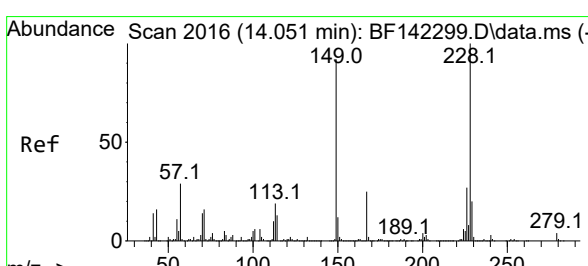
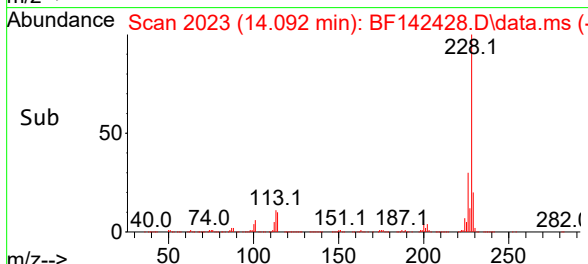
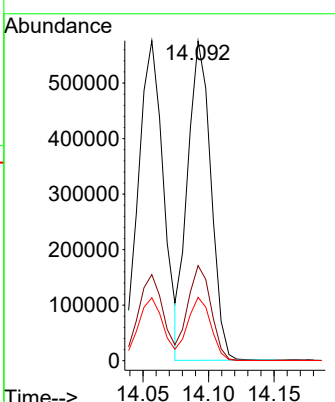
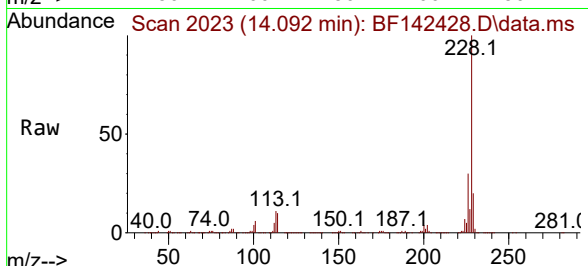


#83
 Chrysene
 Concen: 44.368 ng
 RT: 14.092 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: BF142428.D
 Acq: 16 May 2025 15:46

Instrument :
 BNA_F
 ClientSampleId :
 L3-WC-1MS

Tgt Ion: 228 Resp: 710454

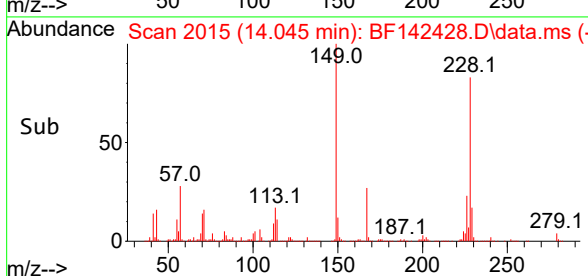
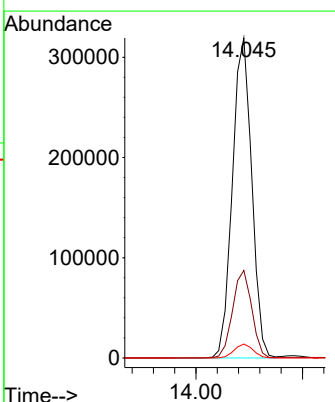
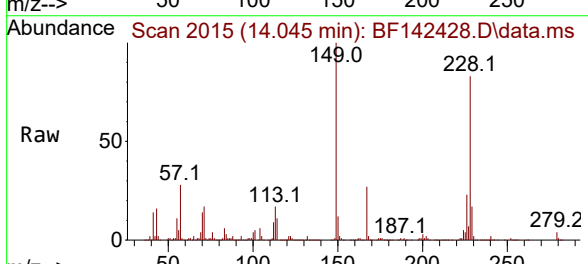
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.9	35.9
229	19.8	15.4	23.2

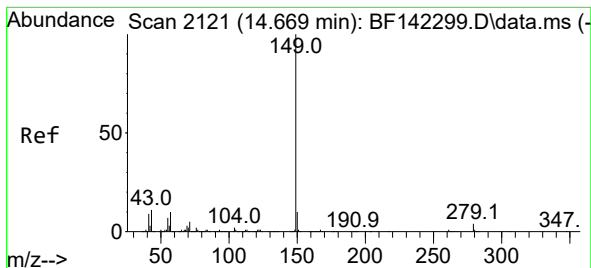


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.146 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: BF142428.D
 Acq: 16 May 2025 15:46

Tgt Ion: 149 Resp: 403147

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.0	33.0
279	4.4	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 44.272 ng

RT: 14.657 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142428.D

Acq: 16 May 2025 15:46

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MS

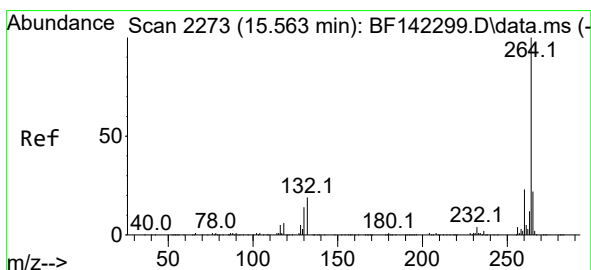
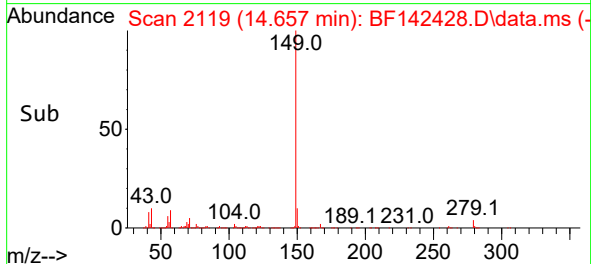
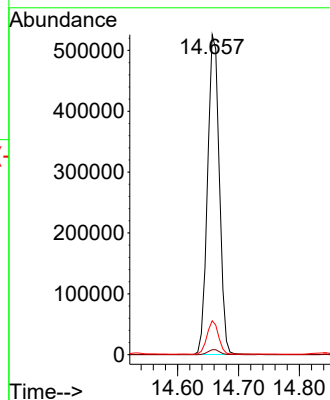
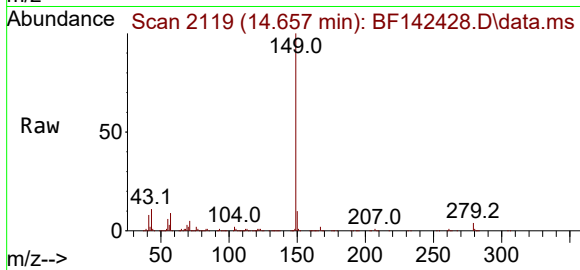
Tgt Ion:149 Resp: 705396

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 10.2 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: BF142428.D

Acq: 16 May 2025 15:46

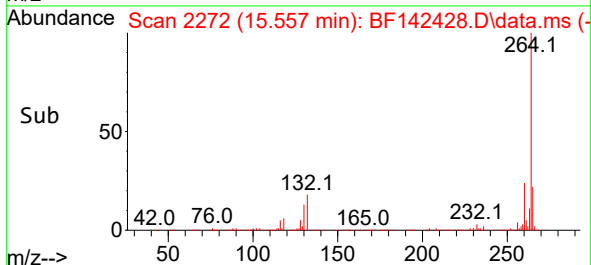
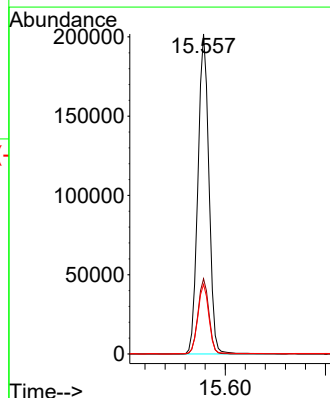
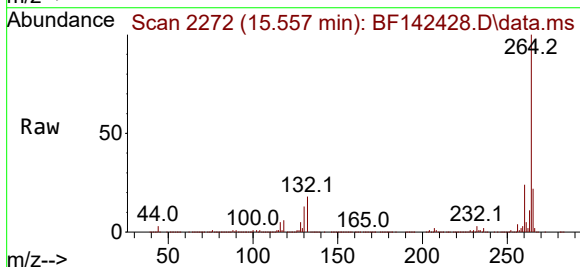
Tgt Ion:264 Resp: 306381

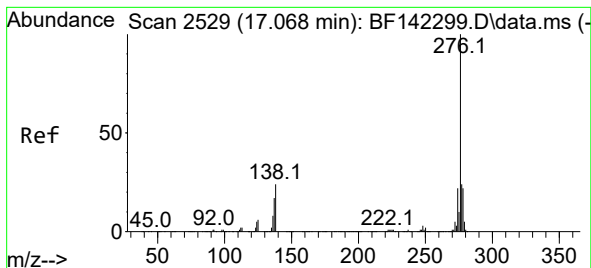
Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 30.282 ng

RT: 17.062 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142428.D

Acq: 16 May 2025 15:46

Instrument :

BNA_F

ClientSampleId :

L3-WC-1MS

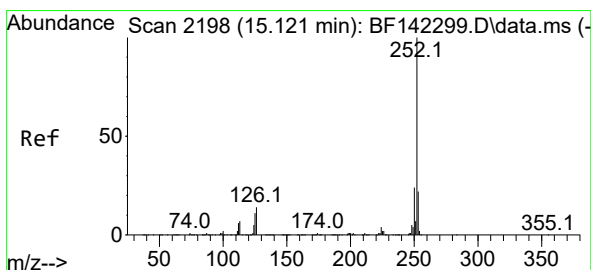
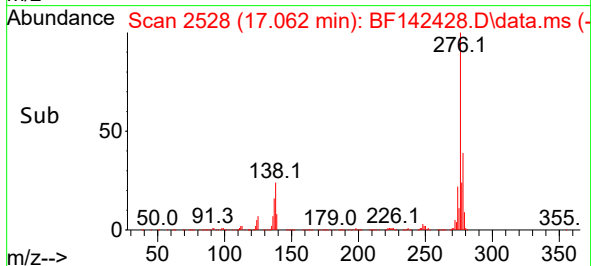
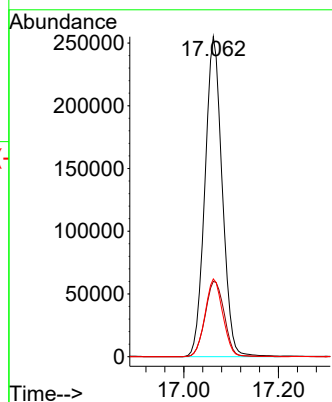
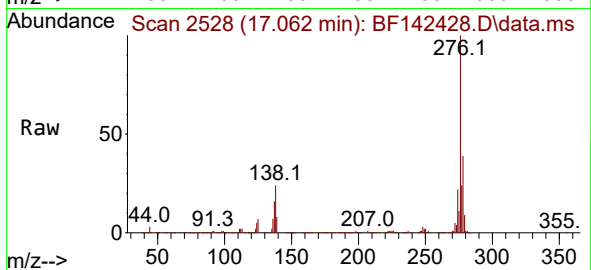
Tgt Ion:276 Resp: 645400

Ion Ratio Lower Upper

276 100

138 26.1 22.0 33.0

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 44.489 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF142428.D

Acq: 16 May 2025 15:46

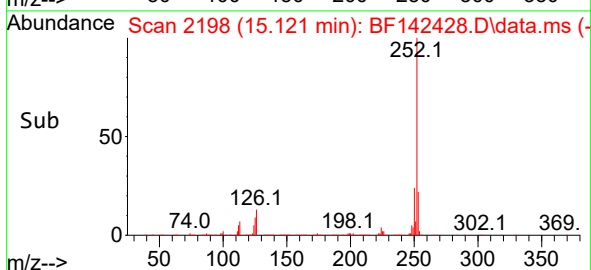
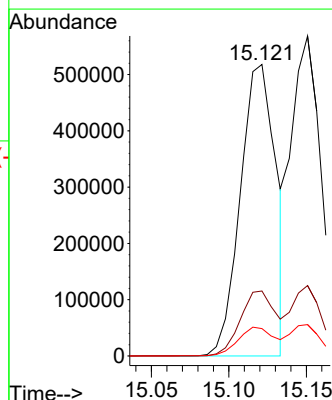
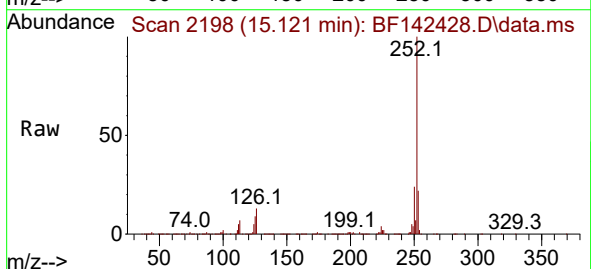
Tgt Ion:252 Resp: 825541

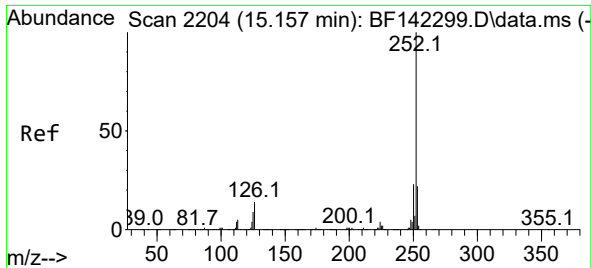
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 9.4 8.7 13.1

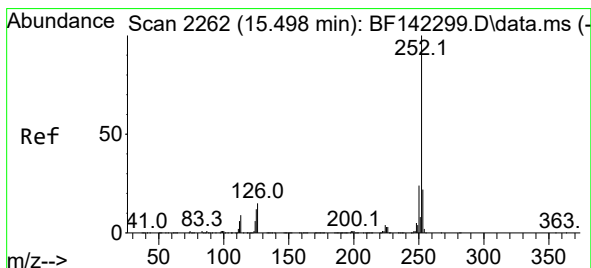
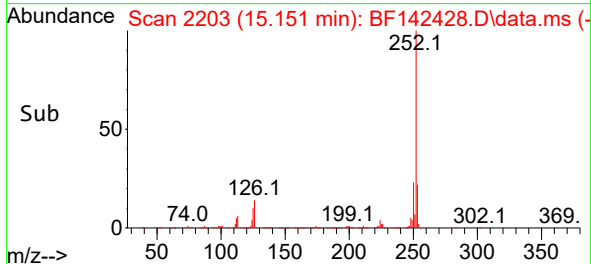
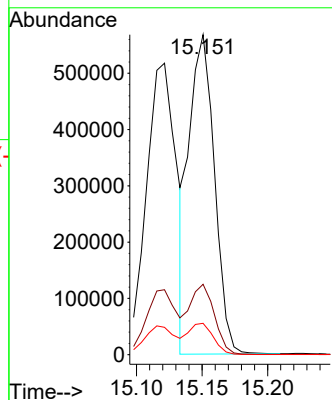
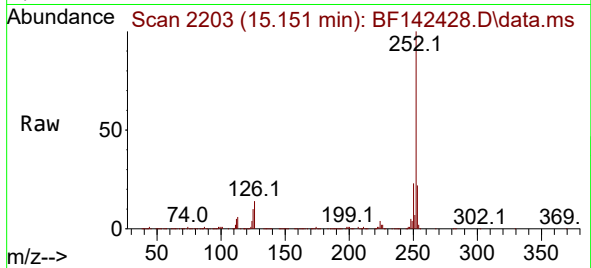




#89
Benzo(k)fluoranthene
Concen: 44.790 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

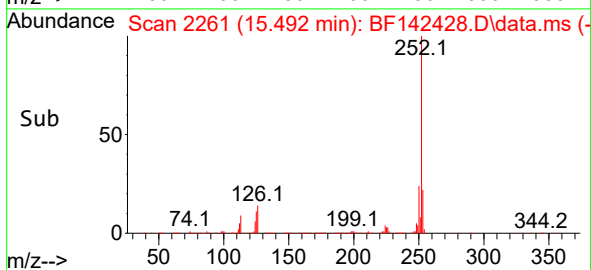
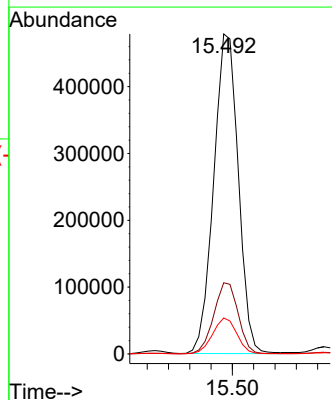
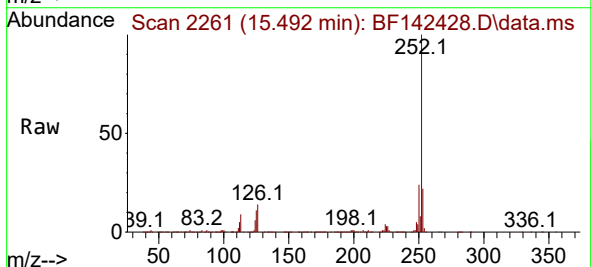
Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

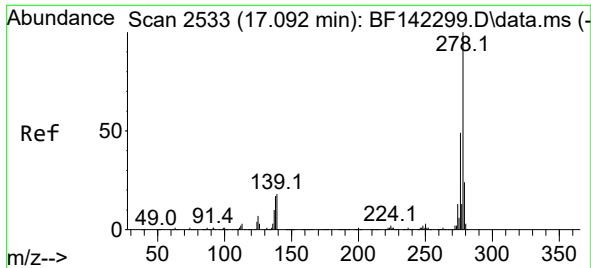
Tgt Ion:252 Resp: 760594
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.8 8.1 12.1



#90
Benzo(a)pyrene
Concen: 46.086 ng
RT: 15.492 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion:252 Resp: 766334
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.3 9.4 14.0

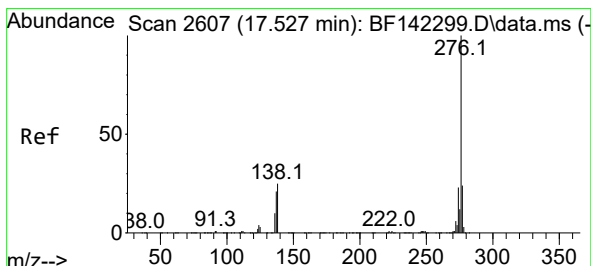
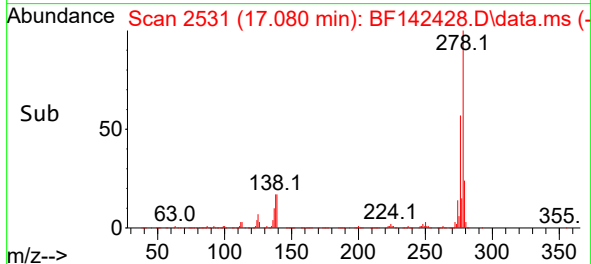
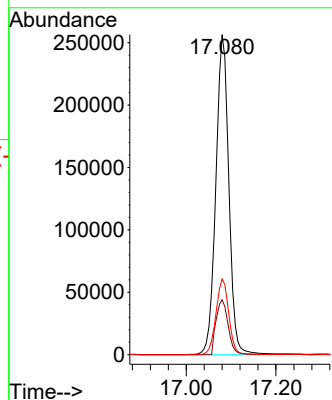
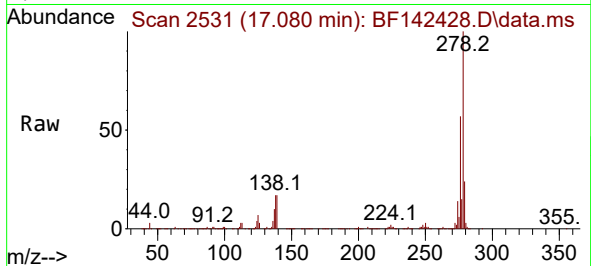




#91
Dibenzo(a,h)anthracene
Concen: 29.344 ng
RT: 17.080 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Instrument :
BNA_F
ClientSampleId :
L3-WC-1MS

Tgt Ion:278 Resp: 516680
Ion Ratio Lower Upper
278 100
139 17.1 14.5 21.7
279 23.6 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 27.206 ng
RT: 17.515 min Scan# 2605
Delta R.T. -0.012 min
Lab File: BF142428.D
Acq: 16 May 2025 15:46

Tgt Ion:276 Resp: 475436
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 22.1 19.8 29.6

