

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142401.D
 Acq On : 15 May 2025 19:38
 Operator : RC/JU
 Sample : Q2022-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2MS

Quant Time: May 16 01:08:09 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	165246	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	632531	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	347238	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	607066	20.000	ng	0.00
76) Chrysene-d12	14.069	240	356657	20.000	ng	0.00
86) Perylene-d12	15.557	264	373579	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	721100	74.493	ng	0.00
7) Phenol-d6	6.522	99	920549	77.320	ng	0.00
23) Nitrobenzene-d5	7.463	82	525370	50.655	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	310696	92.675	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1080793	44.381	ng	0.00
79) Terphenyl-d14	13.010	244	1002228	41.592	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	162648	37.312	ng	98
3) Pyridine	3.499	79	435011	42.505	ng	96
4) n-Nitrosodimethylamine	3.452	42	245213	41.225	ng	96
6) Aniline	6.563	93	564815	48.367	ng	100
8) 2-Chlorophenol	6.687	128	477045	46.117	ng	97
9) Benzaldehyde	6.451	77	291713	41.864	ng	99
10) Phenol	6.540	94	597185	47.320	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	439666	35.328	ng	97
12) 1,3-Dichlorobenzene	6.846	146	500572	42.298	ng	97
13) 1,4-Dichlorobenzene	6.922	146	513792	43.240	ng	98
14) 1,2-Dichlorobenzene	7.069	146	488324	42.816	ng	100
15) Benzyl Alcohol	7.040	79	390664	50.674	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	739393	39.785	ng	99
17) 2-Methylphenol	7.151	107	371624	44.375	ng	99
18) Hexachloroethane	7.416	117	176209	44.571	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	307960	41.817	ng	99
20) 3+4-Methylphenols	7.304	107	461372	44.142	ng	# 85
22) Acetophenone	7.310	105	598014	42.521	ng	98
24) Nitrobenzene	7.481	77	468426	47.913	ng	98
25) Isophorone	7.722	82	862409	43.911	ng	100
26) 2-Nitrophenol	7.798	139	256139	53.814	ng	98
27) 2,4-Dimethylphenol	7.834	122	448694	45.440	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	537620	42.571	ng	100
29) 2,4-Dichlorophenol	8.040	162	402960	48.000	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	423966	44.874	ng	99
31) Naphthalene	8.210	128	1352374	44.114	ng	100
32) Benzoic acid	7.951	122	300669	54.560	ng	99
33) 4-Chloroaniline	8.251	127	137339	10.979	ng	98
34) Hexachlorobutadiene	8.322	225	254513	45.493	ng	99
35) Caprolactam	8.622	113	90169	36.854	ng	96
36) 4-Chloro-3-methylphenol	8.734	107	413483	47.381	ng	98
37) 2-Methylnaphthalene	8.898	142	843334	44.272	ng	99
38) 1-Methylnaphthalene	8.998	142	872272	43.934	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	419738	43.281	ng	99
41) Hexachlorocyclopentadiene	9.051	237	506446	84.498	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	302060	49.379	ng	98

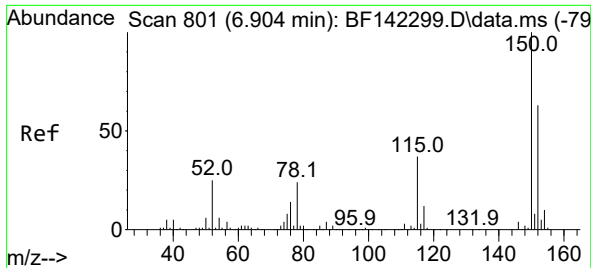
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	314709	48.352	ng	99
46) 1,1'-Biphenyl	9.363	154	1139464	42.798	ng	99
47) 2-Chloronaphthalene	9.387	162	852339	43.048	ng	99
48) 2-Nitroaniline	9.481	65	272438	53.681	ng	93
49) Acenaphthylene	9.804	152	1460909	44.106	ng	99
50) Dimethylphthalate	9.663	163	1037732	46.541	ng	100
51) 2,6-Dinitrotoluene	9.722	165	229534	54.997	ng	91
52) Acenaphthene	9.975	154	975532	48.983	ng	99
53) 3-Nitroaniline	9.892	138	164243	33.554	ng	95
54) 2,4-Dinitrophenol	9.998	184	265588	117.647	ng	# 1
55) Dibenzofuran	10.145	168	1286371	43.765	ng	99
56) 4-Nitrophenol	10.051	139	411527	111.707	ng	95
57) 2,4-Dinitrotoluene	10.128	165	319176	59.619	ng	94
58) Fluorene	10.492	166	982448	43.799	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	275507	51.276	ng	98
60) Diethylphthalate	10.363	149	1037518	46.594	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	479190	44.280	ng	99
62) 4-Nitroaniline	10.510	138	254767	65.670	ng	99
63) Azobenzene	10.639	77	1007947	47.370	ng	98
65) 4,6-Dinitro-2-methylph...	10.534	198	167642	57.558	ng	94
66) n-Nitrosodiphenylamine	10.598	169	909331	45.015	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	313100	45.508	ng	99
68) Hexachlorobenzene	11.034	284	344668	45.543	ng	98
69) Atrazine	11.128	200	288060	54.096	ng	99
70) Pentachlorophenol	11.228	266	408553	102.619	ng	97
71) Phenanthrene	11.451	178	1424367	44.762	ng	100
72) Anthracene	11.504	178	1408000	43.063	ng	100
73) Carbazole	11.657	167	1287636	43.896	ng	100
74) Di-n-butylphthalate	11.986	149	1597989	51.807	ng	100
75) Fluoranthene	12.639	202	1342667	42.210	ng	99
77) Benzidine	12.763	184	610864	94.248	ng	98
78) Pyrene	12.869	202	1325409	41.751	ng	100
80) Butylbenzylphthalate	13.486	149	533063	56.811	ng	99
81) Benzo(a)anthracene	14.057	228	1040847	45.063	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	235443	43.833	ng	99
83) Chrysene	14.092	228	985108	45.814	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	737052	59.935	ng	100
85) Di-n-octyl phthalate	14.657	149	1190867	53.644	ng	# 98
87) Indeno(1,2,3-cd)pyrene	17.063	276	840130	32.328	ng	99
88) Benzo(b)fluoranthene	15.116	252	1078461	47.664	ng	99
89) Benzo(k)fluoranthene	15.151	252	986697	47.653	ng	100
90) Benzo(a)pyrene	15.492	252	968975	47.791	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	684859	31.899	ng	99
92) Benzo(g,h,i)perylene	17.515	276	632118	29.665	ng	98

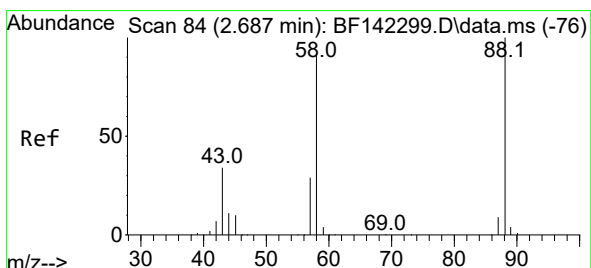
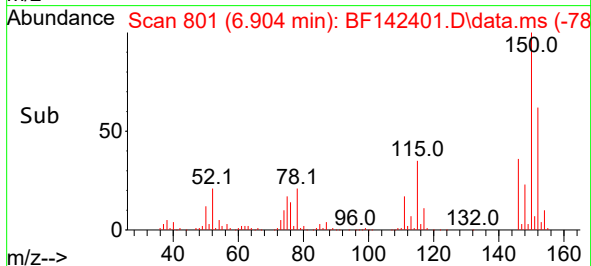
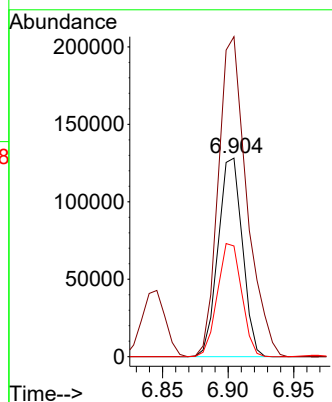
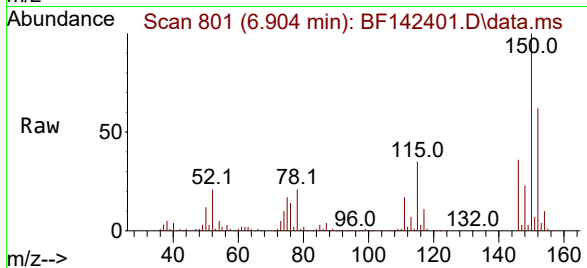
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142401.D
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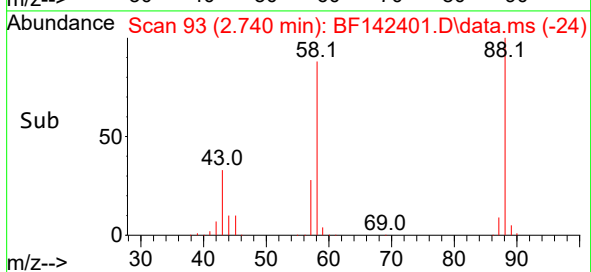
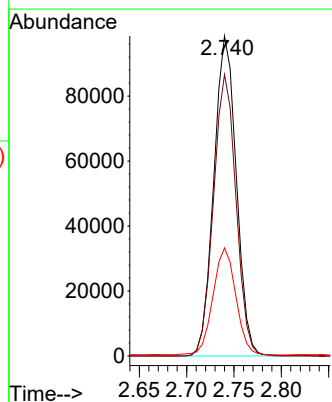
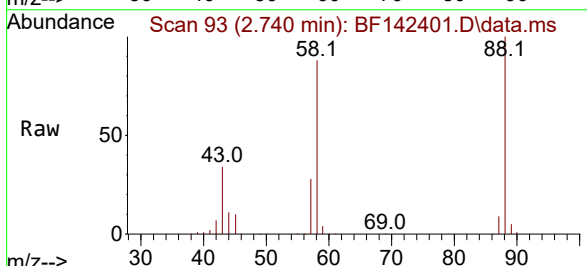
Instrument :
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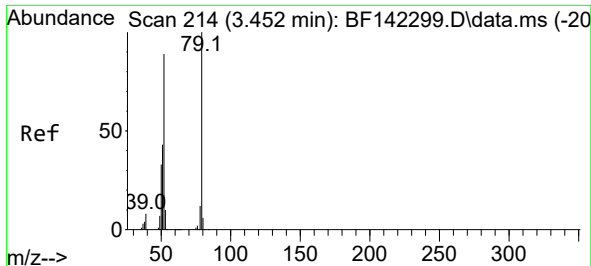
Tgt Ion:152 Resp: 165246
 Ion Ratio Lower Upper
 152 100
 150 161.2 126.6 190.0
 115 55.7 47.3 70.9



#2
 1,4-Dioxane
 Concen: 37.312 ng
 RT: 2.740 min Scan# 93
 Delta R.T. 0.053 min
 Lab File: BF142401.D
 Acq: 15 May 2025 19:38

Tgt Ion: 88 Resp: 162648
 Ion Ratio Lower Upper
 88 100
 58 88.3 73.0 109.4
 43 34.1 27.8 41.6

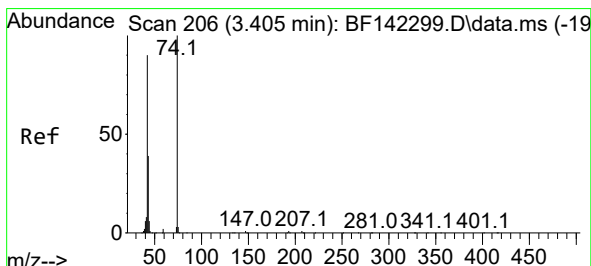
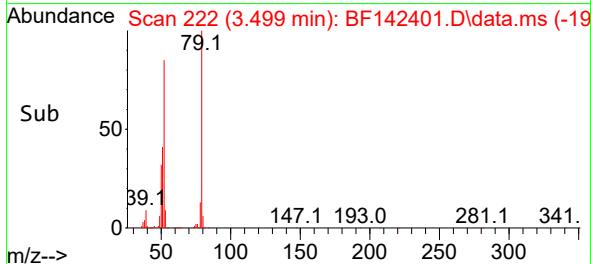
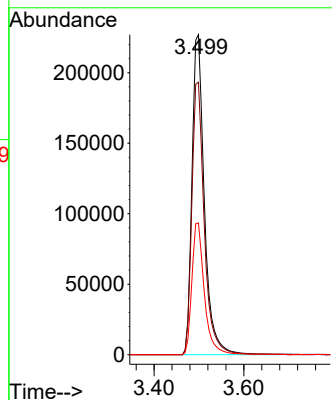
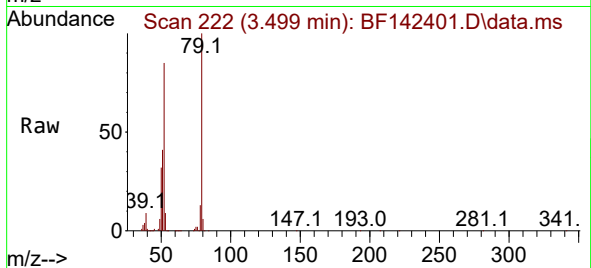




#3
 Pyridine
 Concen: 42.505 ng
 RT: 3.499 min Scan# 214
 Delta R.T. 0.047 min
 Lab File: BF142401.D
 Acq: 15 May 2025 19:38

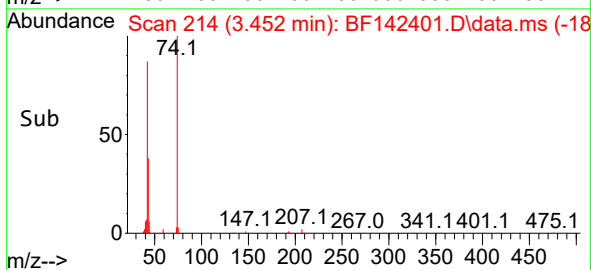
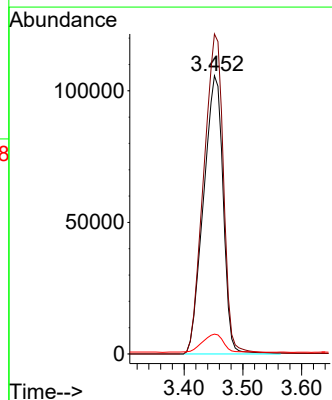
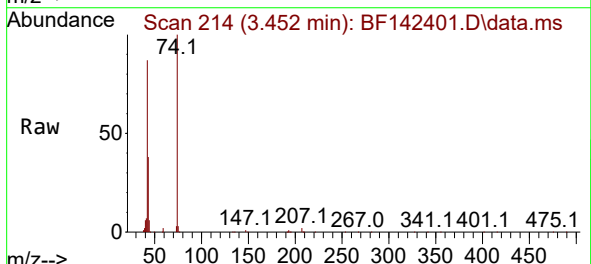
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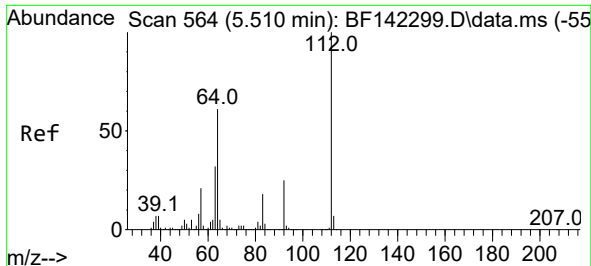
Tgt Ion: 79 Resp: 435011
 Ion Ratio Lower Upper
 79 100
 52 85.2 71.0 106.4
 51 41.1 34.9 52.3



#4
 n-Nitrosodimethylamine
 Concen: 41.225 ng
 RT: 3.452 min Scan# 214
 Delta R.T. 0.047 min
 Lab File: BF142401.D
 Acq: 15 May 2025 19:38

Tgt Ion: 42 Resp: 245213
 Ion Ratio Lower Upper
 42 100
 74 115.0 88.5 132.7
 44 7.1 5.8 8.8

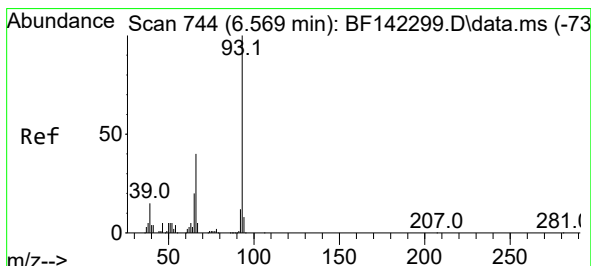
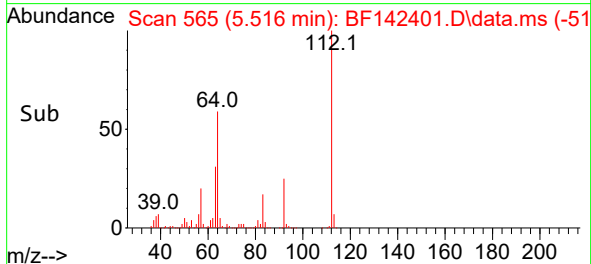
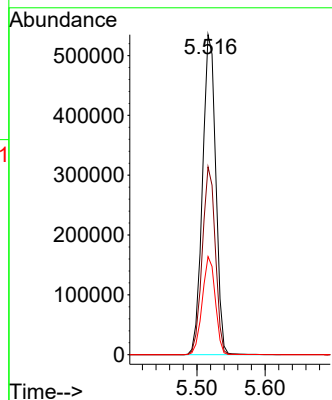
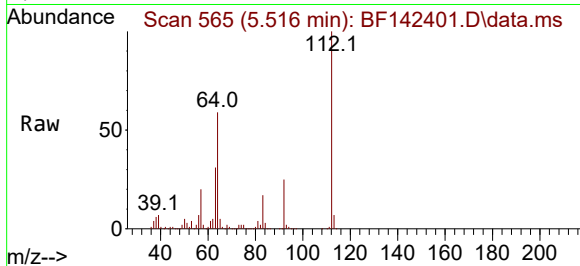




#5
2-Fluorophenol
Concen: 74.493 ng
RT: 5.516 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

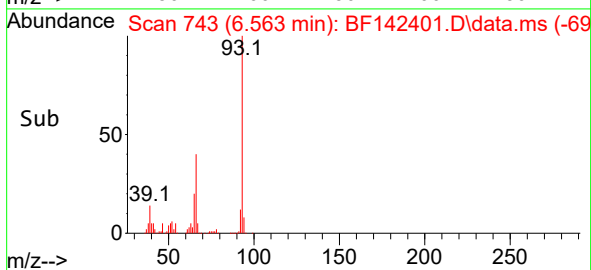
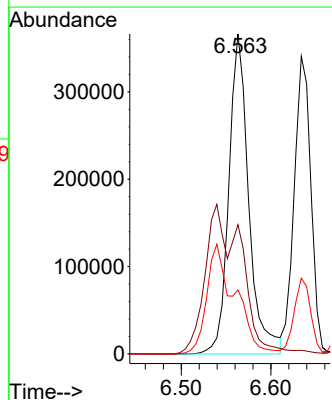
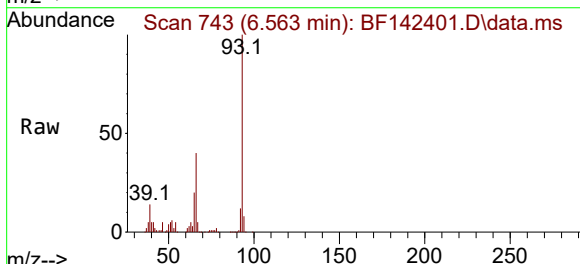
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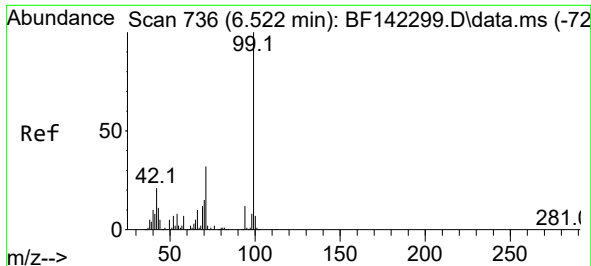
Tgt Ion:112 Resp: 721100
Ion Ratio Lower Upper
112 100
64 58.7 48.9 73.3
63 30.7 25.6 38.4



#6
Aniline
Concen: 48.367 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion: 93 Resp: 564815
Ion Ratio Lower Upper
93 100
66 40.4 32.2 48.4
65 20.0 16.3 24.5

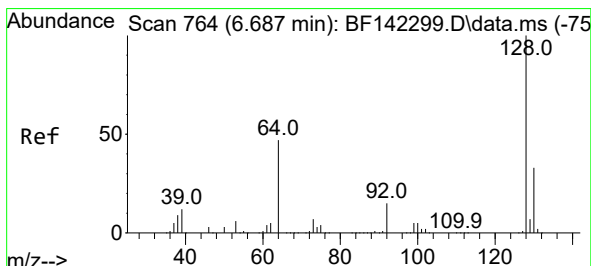
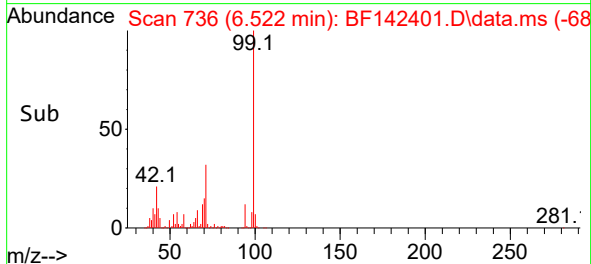
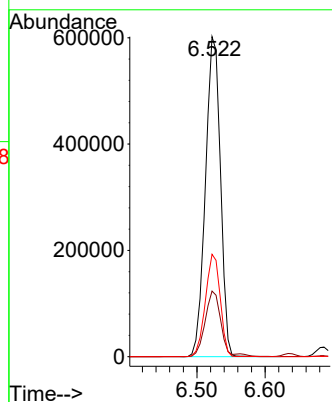
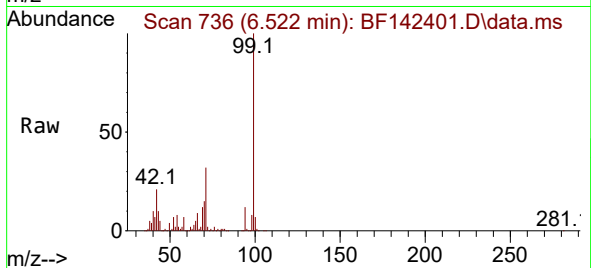




#7
Phenol-d6
Concen: 77.320 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

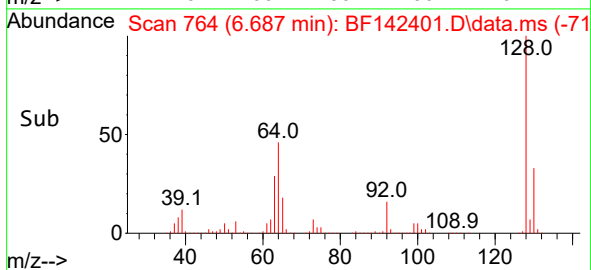
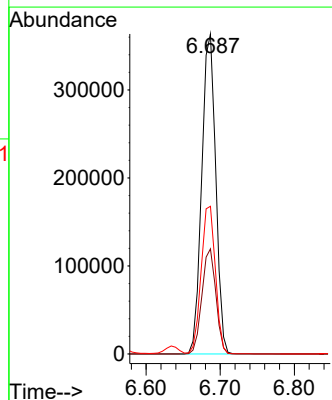
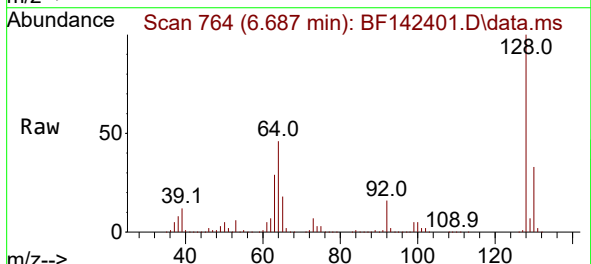
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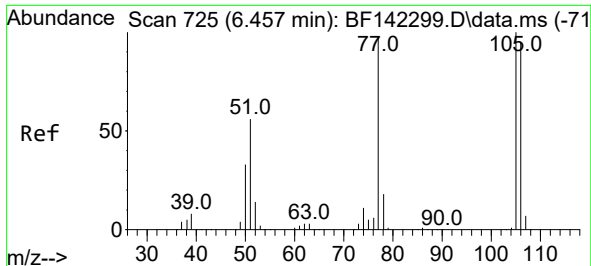
Tgt Ion: 99 Resp: 920549
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.4
71 32.0 25.8 38.8



#8
2-Chlorophenol
Concen: 46.117 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion:128 Resp: 477045
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 46.1 29.2 69.2

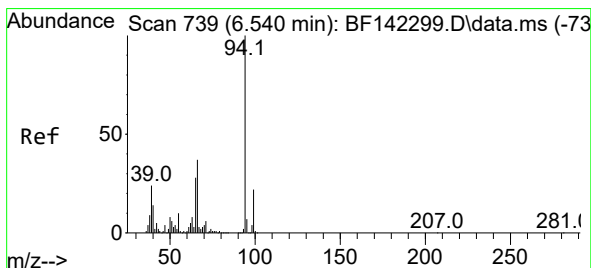
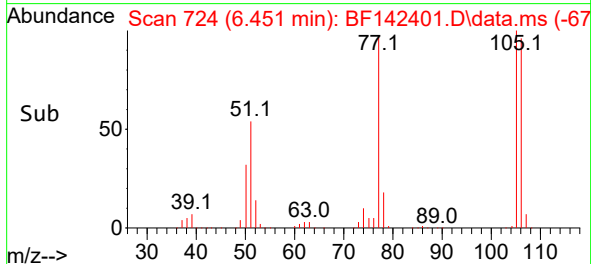
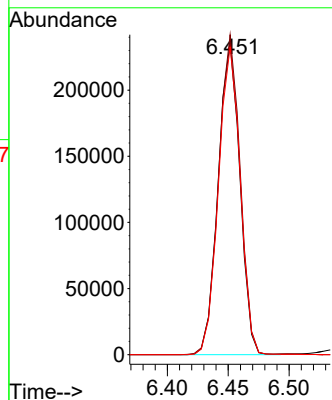
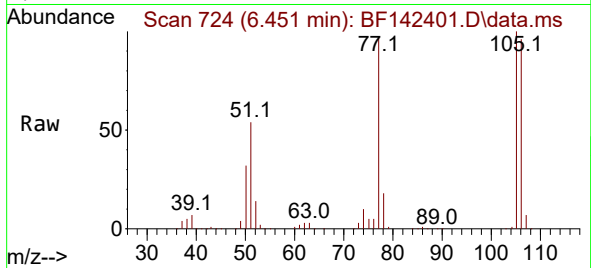




#9
Benzaldehyde
Concen: 41.864 ng
RT: 6.451 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

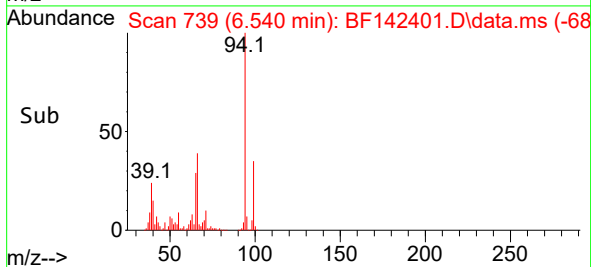
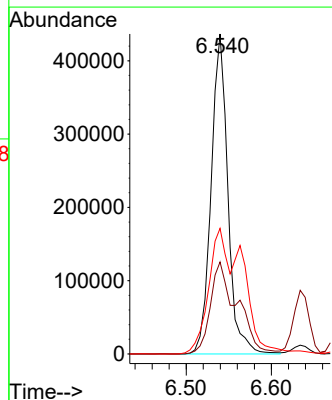
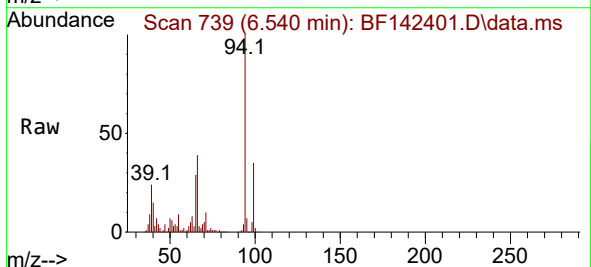
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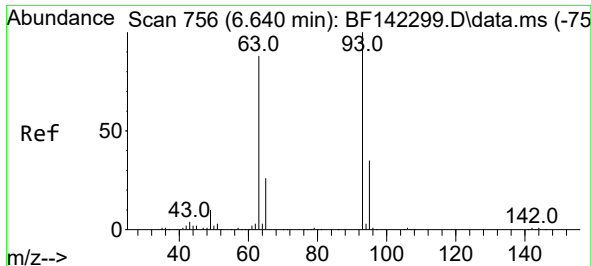
Tgt Ion: 77 Resp: 291713
Ion Ratio Lower Upper
77 100
105 102.6 82.0 122.0
106 98.7 77.2 117.2



#10
Phenol
Concen: 47.320 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion: 94 Resp: 597185
Ion Ratio Lower Upper
94 100
65 28.8 8.5 48.5
66 39.2 17.3 57.3

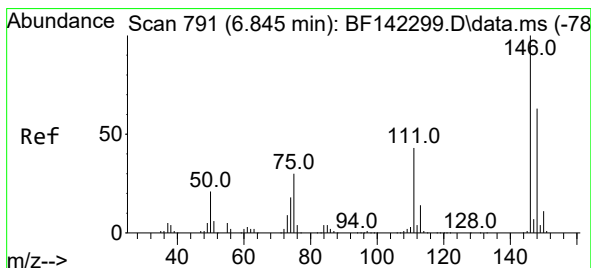
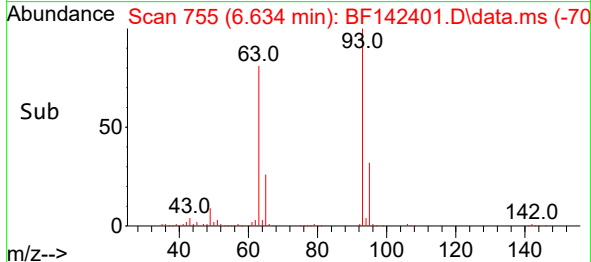
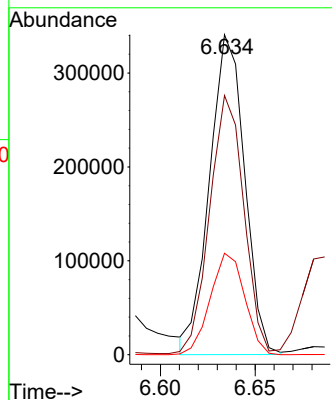
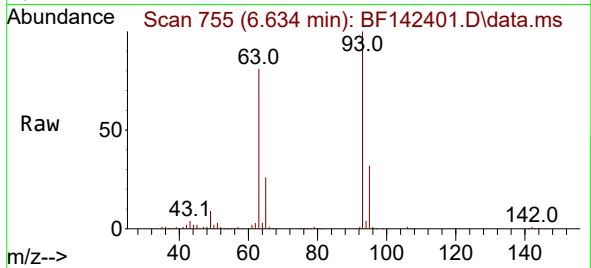




#11
bis(2-Chloroethyl)ether
Concen: 35.328 ng
RT: 6.634 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

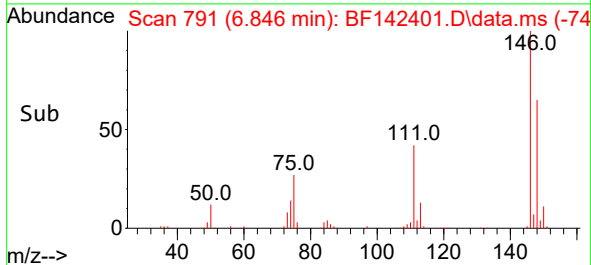
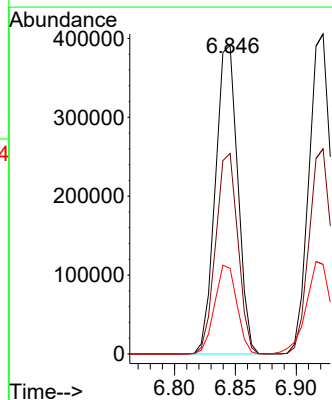
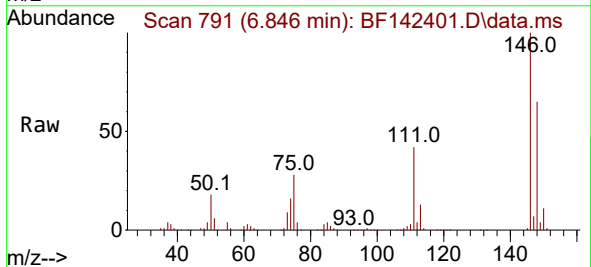
Instrument :
BNA_F
ClientSampleId :
COMP-2MS

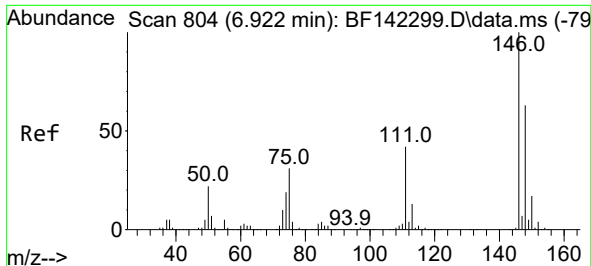
Tgt Ion: 93 Resp: 439666
Ion Ratio Lower Upper
93 100
63 81.0 58.4 98.4
95 31.7 10.6 50.6



#12
1,3-Dichlorobenzene
Concen: 42.298 ng
RT: 6.846 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion:146 Resp: 500572
Ion Ratio Lower Upper
146 100
148 64.9 50.6 76.0
75 27.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 43.240 ng

RT: 6.922 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF142401.D

Acq: 15 May 2025 19:38

Instrument :

BNA_F

ClientSampleId :

COMP-2MS

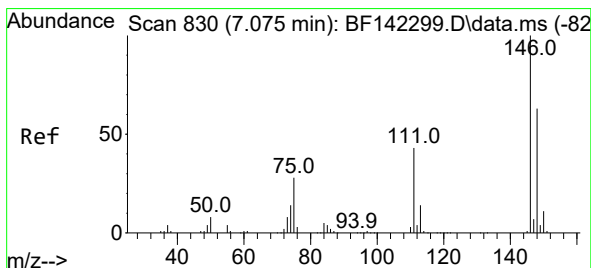
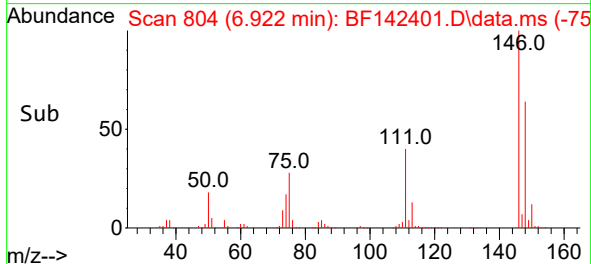
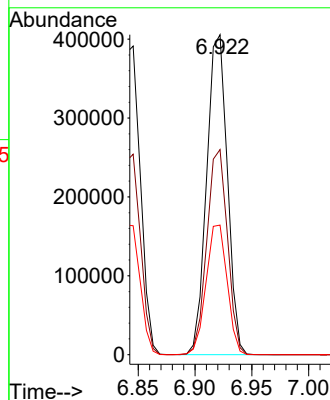
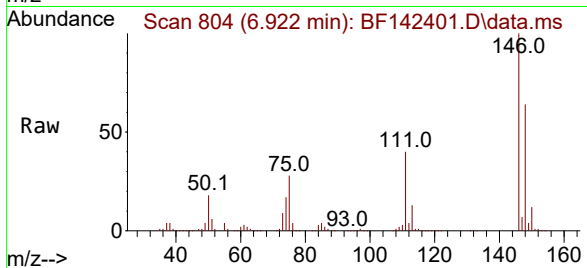
Tgt Ion:146 Resp: 513792

Ion Ratio Lower Upper

146 100

148 64.1 50.5 75.7

111 40.5 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 42.816 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142401.D

Acq: 15 May 2025 19:38

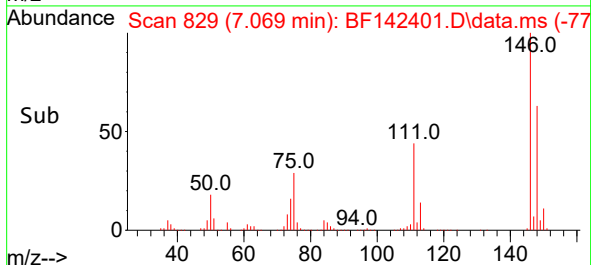
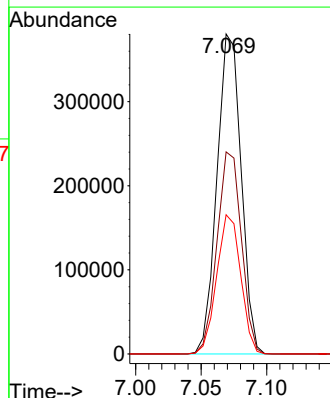
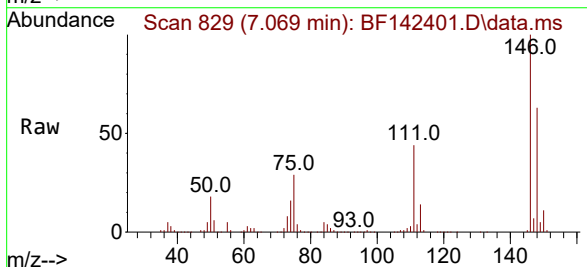
Tgt Ion:146 Resp: 488324

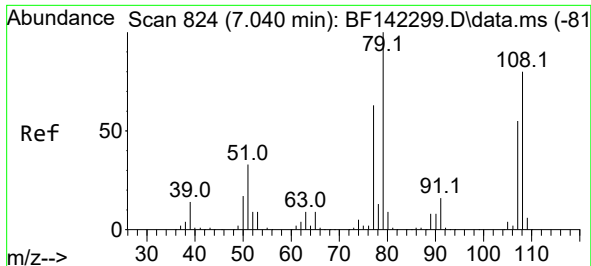
Ion Ratio Lower Upper

146 100

148 63.1 50.3 75.5

111 43.5 34.5 51.7

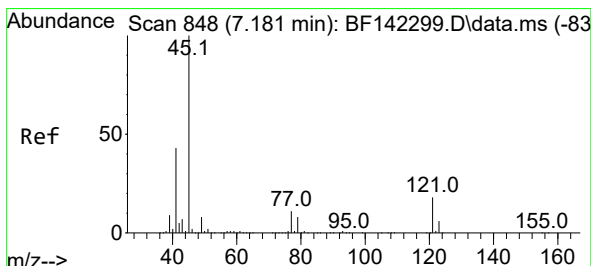
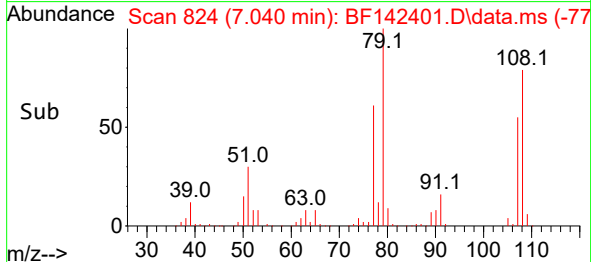
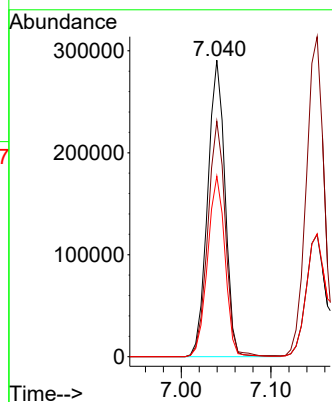
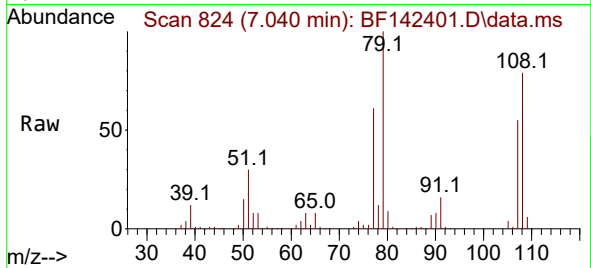




#15
Benzyl Alcohol
Concen: 50.674 ng
RT: 7.040 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

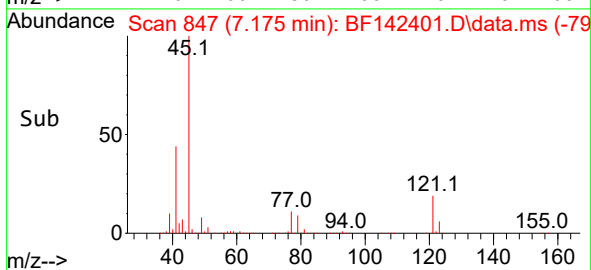
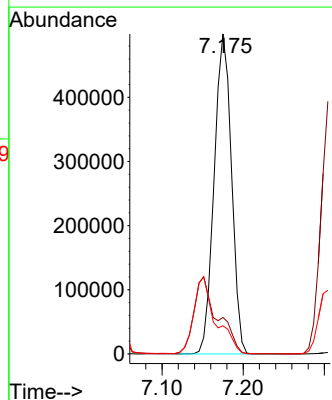
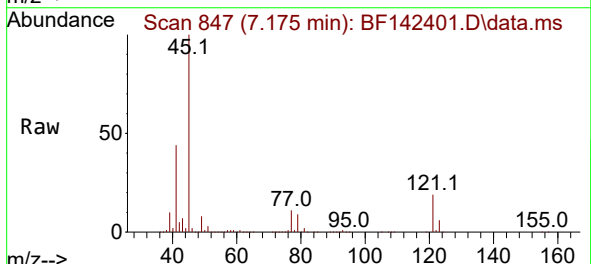
Instrument :
BNA_F
ClientSampleId :
COMP-2MS

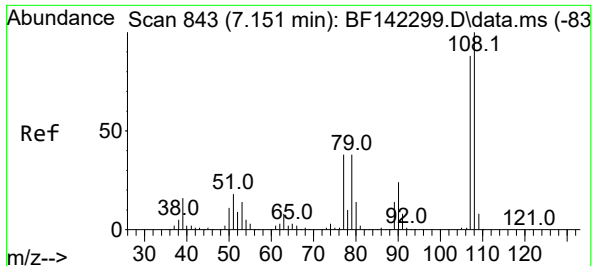
Tgt Ion: 79 Resp: 390664
Ion Ratio Lower Upper
79 100
108 79.4 63.9 95.9
77 60.9 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.785 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion: 45 Resp: 739393
Ion Ratio Lower Upper
45 100
77 11.4 0.0 31.2
79 8.8 0.0 28.5

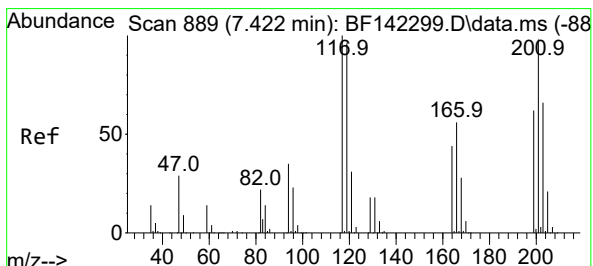
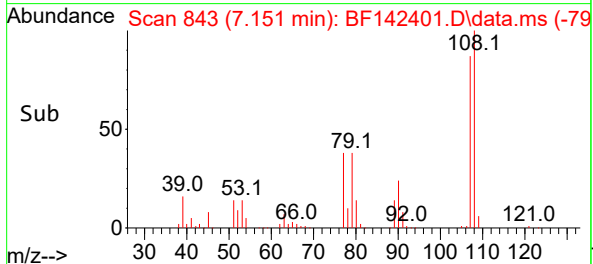
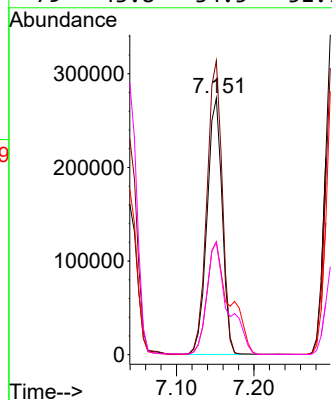
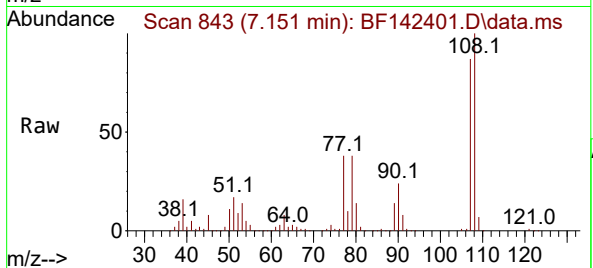




#17
2-Methylphenol
Concen: 44.375 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

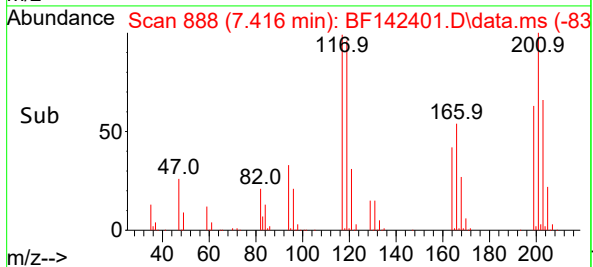
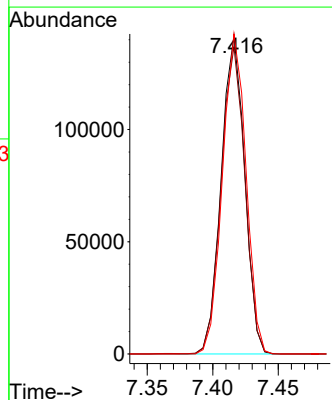
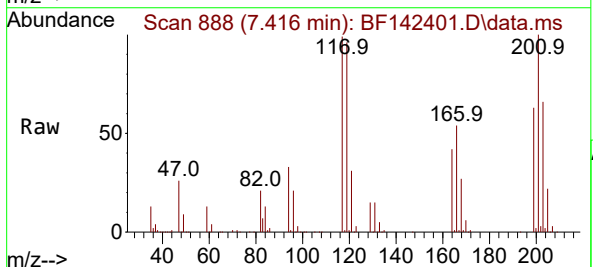
Instrument :
BNA_F
ClientSampleId :
COMP-2MS

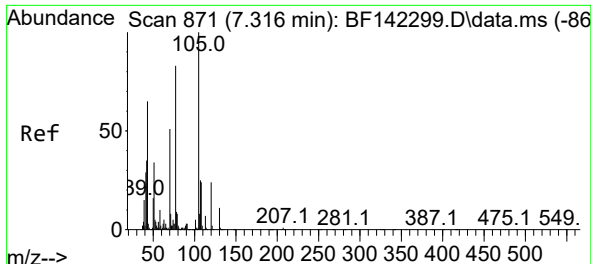
Tgt Ion:107 Resp: 371624
Ion Ratio Lower Upper
107 100
108 114.6 91.1 136.7
77 44.0 34.7 52.1
79 43.8 34.5 51.7



#18
Hexachloroethane
Concen: 44.571 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion:117 Resp: 176209
Ion Ratio Lower Upper
117 100
119 96.6 76.9 115.3
201 100.5 78.0 117.0





#19

n-Nitroso-di-n-propylamine

Concen: 41.817 ng

RT: 7.310 min Scan# 871

Delta R.T. -0.006 min

Lab File: BF142401.D

Acq: 15 May 2025 19:38

Instrument :

BNA_F

ClientSampleId :

COMP-2MS

Tgt Ion: 70 Resp: 307960

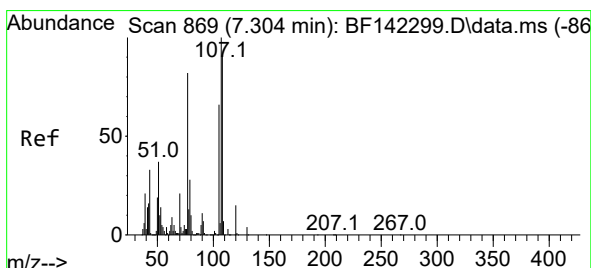
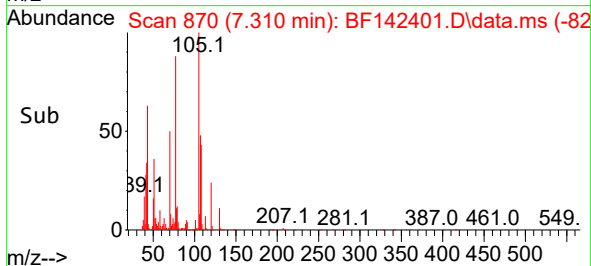
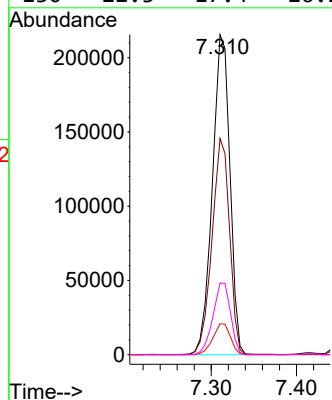
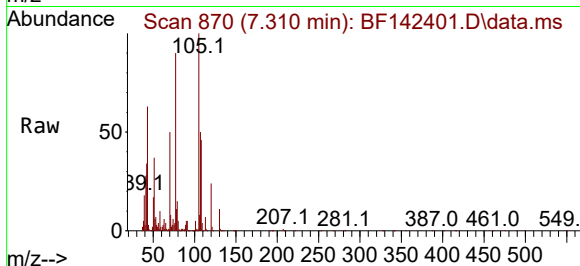
Ion Ratio Lower Upper

70 100

42 67.6 54.8 82.2

101 9.7 7.7 11.5

130 22.3 17.4 26.2



#20

3+4-Methylphenols

Concen: 44.142 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.000 min

Lab File: BF142401.D

Acq: 15 May 2025 19:38

Tgt Ion:107 Resp: 461372

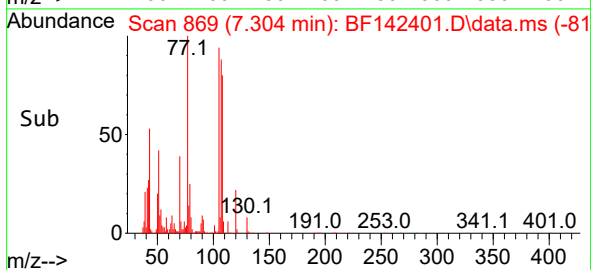
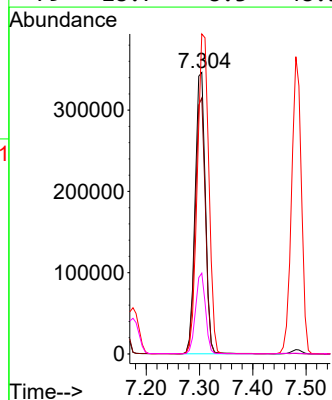
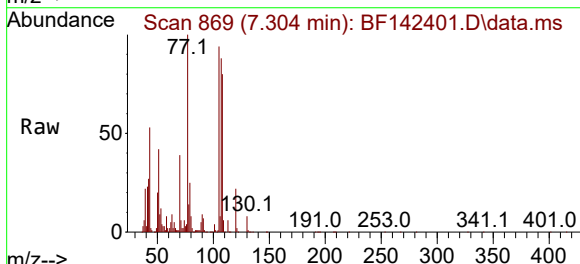
Ion Ratio Lower Upper

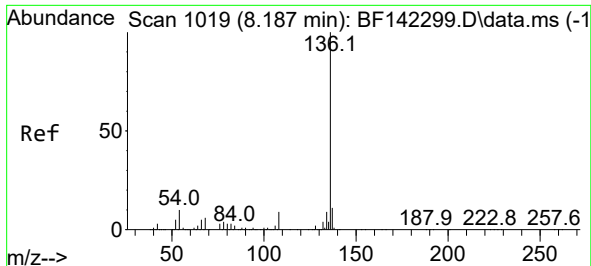
107 100

108 91.0 71.5 111.5

77 113.7 61.6 101.6#

79 28.7 8.3 48.3

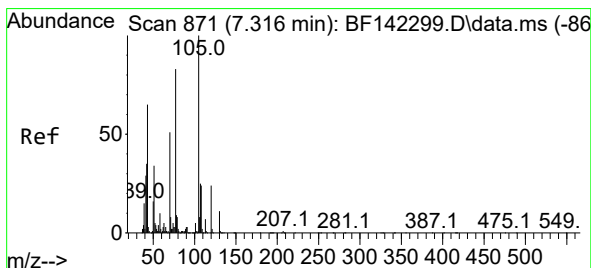
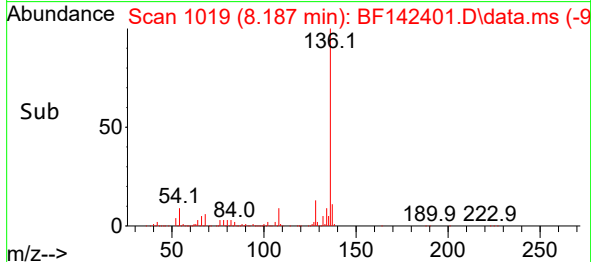
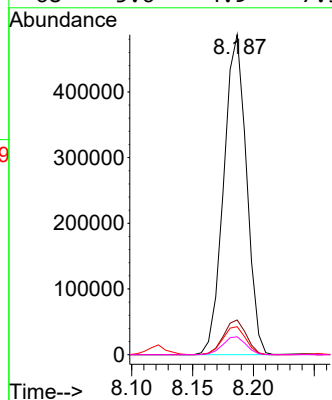
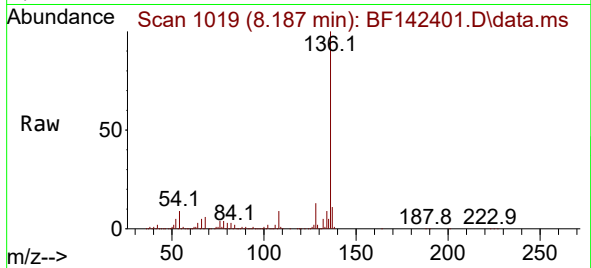




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

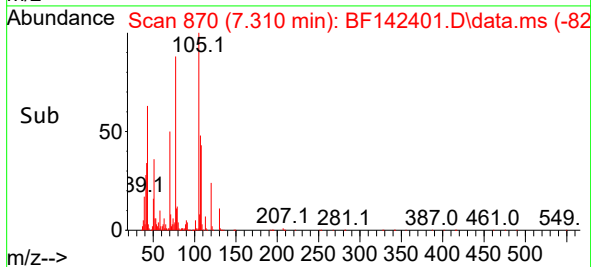
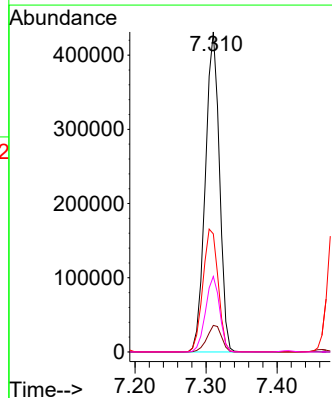
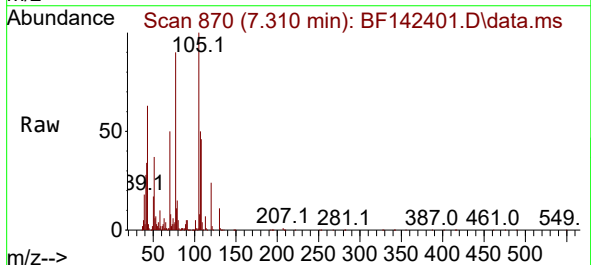
Instrument :
BNA_F
ClientSampleId :
COMP-2MS

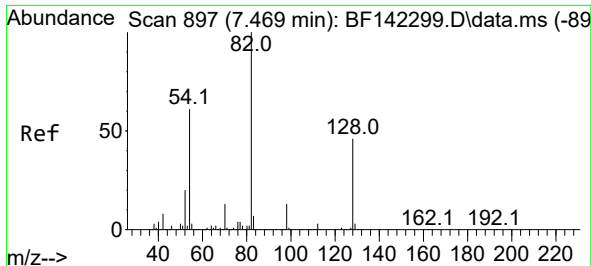
Tgt	Ion:136	Resp:	632531
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.8	7.7	11.5
68	5.6	4.9	7.3



#22
Acetophenone
Concen: 42.521 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt	Ion:105	Resp:	598014
Ion	Ratio	Lower	Upper
105	100		
71	8.3	6.7	10.1
51	36.9	27.6	41.4
120	23.6	19.1	28.7

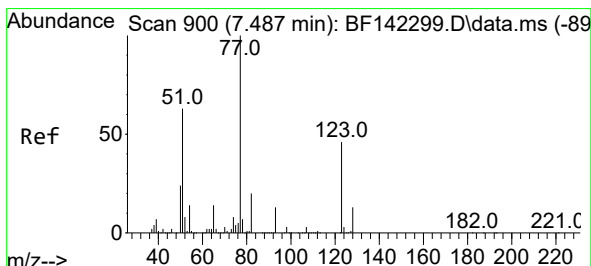
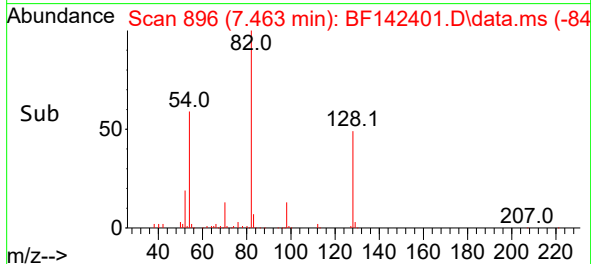
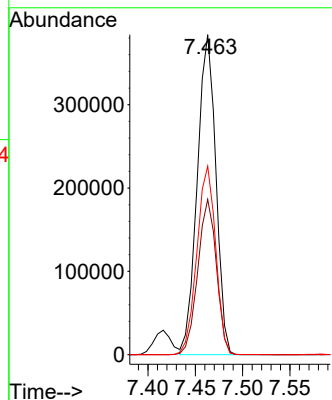
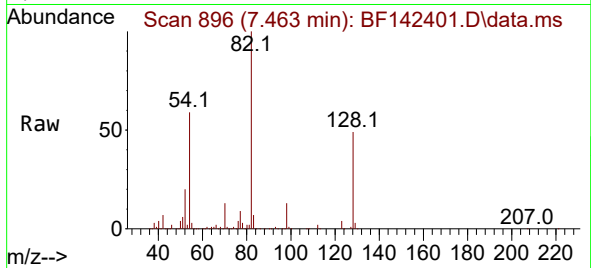




#23
Nitrobenzene-d5
Concen: 50.655 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

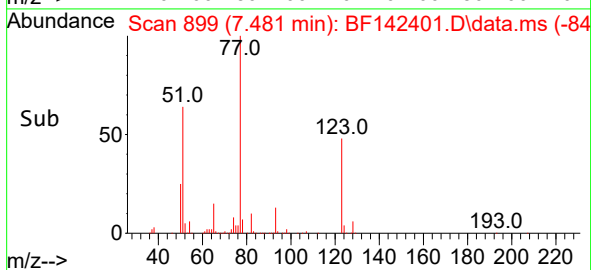
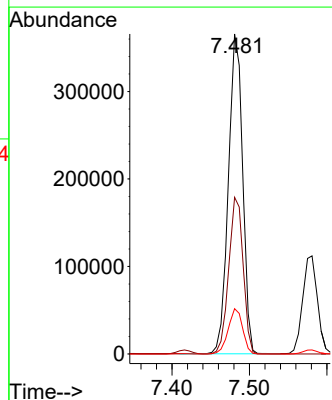
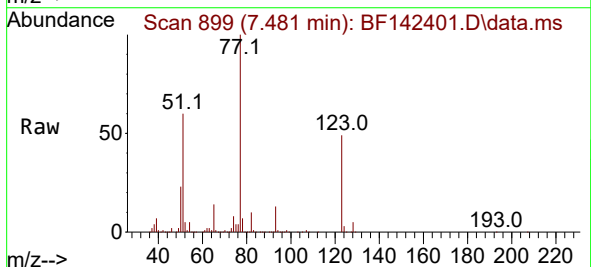
Instrument :
BNA_F
ClientSampleId :
COMP-2MS

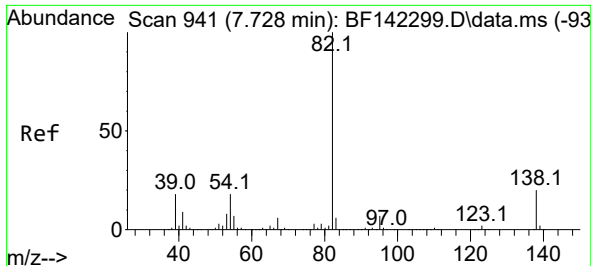
Tgt Ion: 82 Resp: 525370
Ion Ratio Lower Upper
82 100
128 48.5 37.0 55.6
54 58.9 48.6 73.0



#24
Nitrobenzene
Concen: 47.913 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion: 77 Resp: 468426
Ion Ratio Lower Upper
77 100
123 48.9 37.8 56.8
65 14.2 11.4 17.0

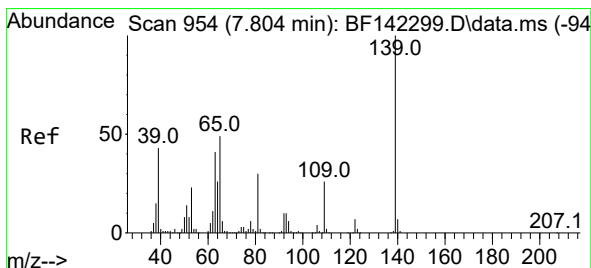
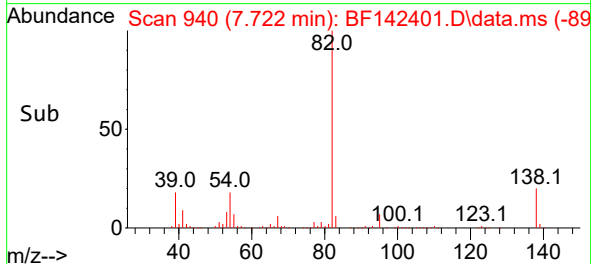
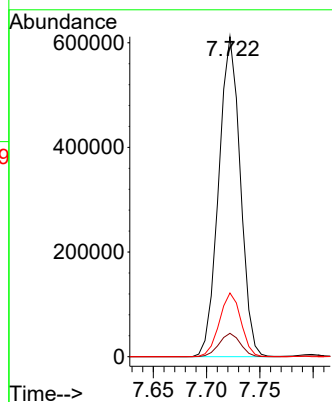
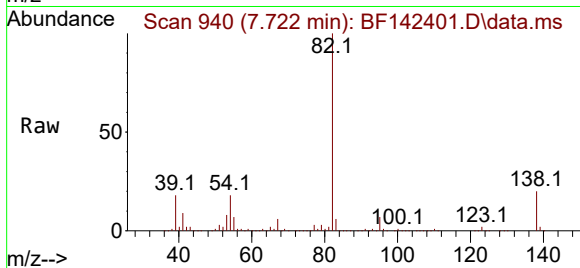




#25
Isophorone
Concen: 43.911 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

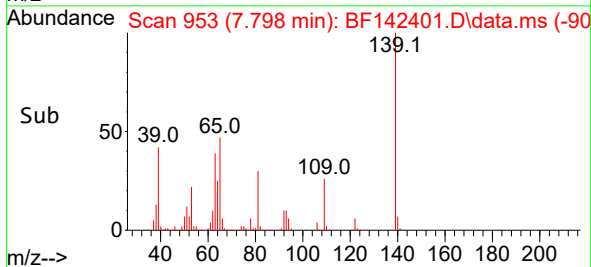
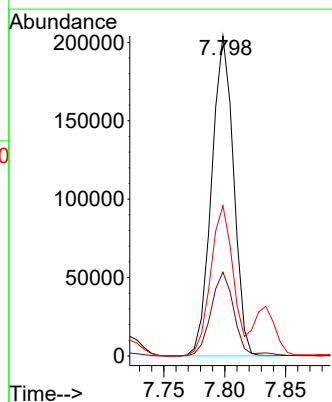
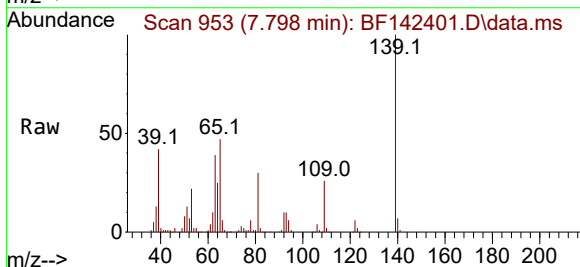
Instrument :
BNA_F
ClientSampleId :
COMP-2MS

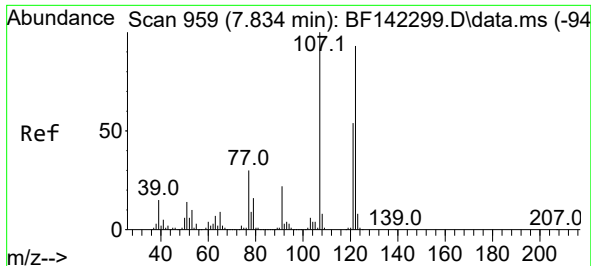
Tgt Ion: 82 Resp: 862409
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 19.9 16.1 24.1



#26
2-Nitrophenol
Concen: 53.814 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion:139 Resp: 256139
Ion Ratio Lower Upper
139 100
109 26.2 20.8 31.2
65 47.0 38.9 58.3

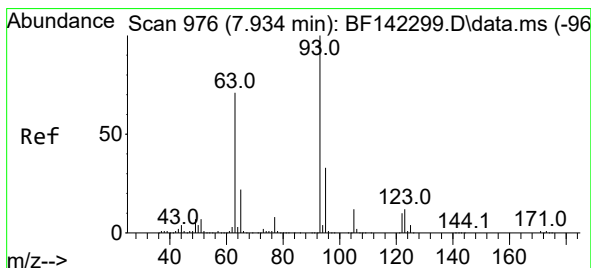
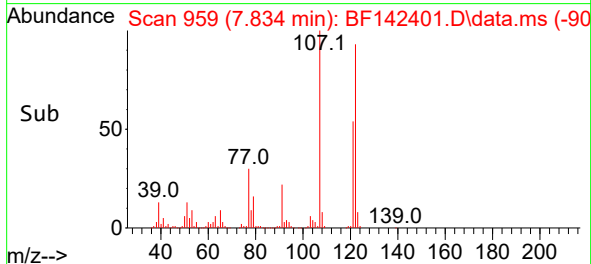
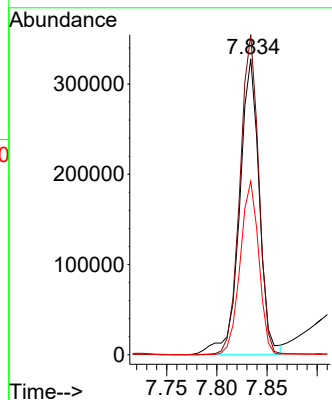
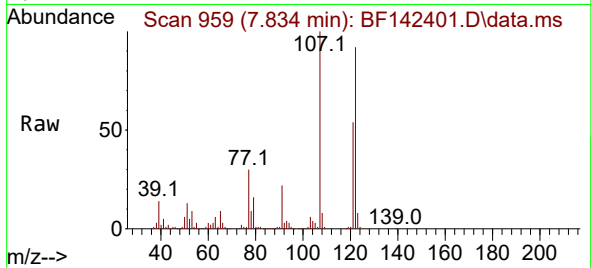




#27
2,4-Dimethylphenol
Concen: 45.440 ng
RT: 7.834 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

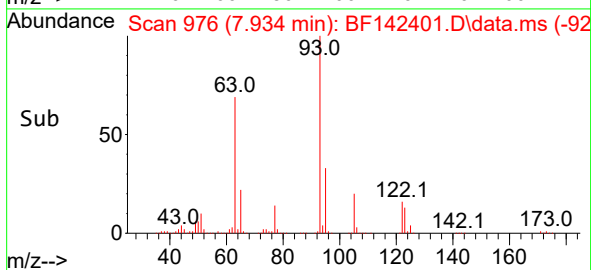
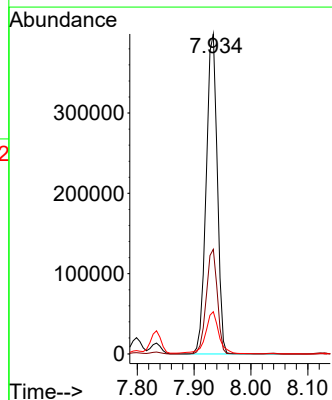
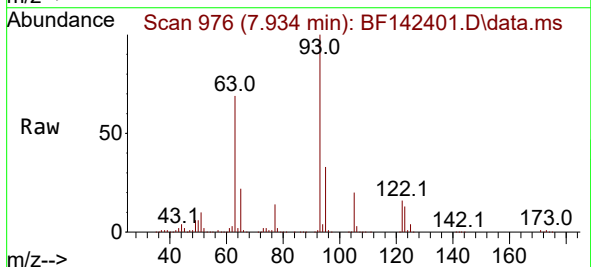
Instrument :
BNA_F
ClientSampleId :
COMP-2MS

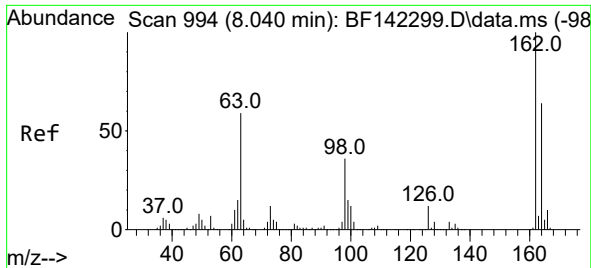
Tgt Ion:122 Resp: 448694
Ion Ratio Lower Upper
122 100
107 108.2 86.0 129.0
121 58.6 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 42.571 ng
RT: 7.934 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion: 93 Resp: 537620
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 13.2 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 48.000 ng

RT: 8.040 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF142401.D

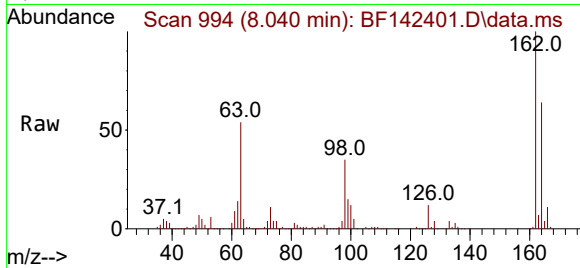
Acq: 15 May 2025 19:38

Instrument :

BNA_F

ClientSampleId :

COMP-2MS



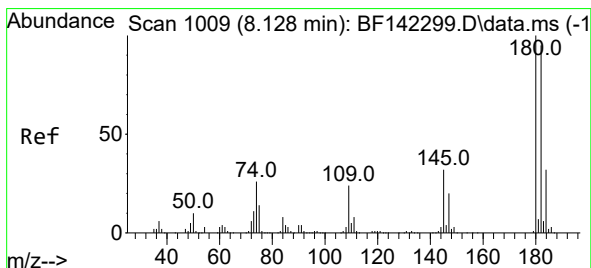
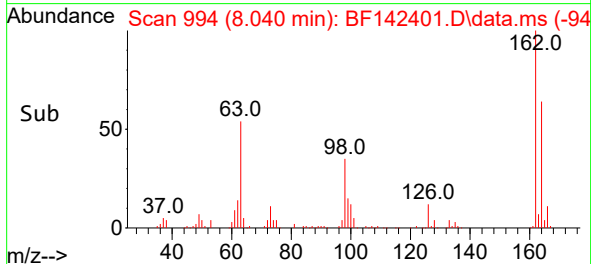
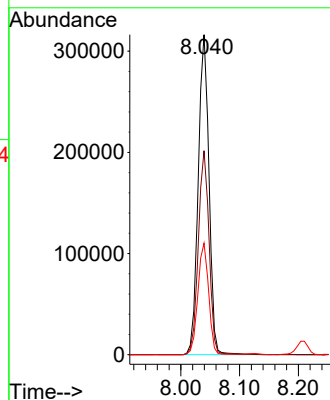
Tgt Ion:162 Resp: 402960

Ion Ratio Lower Upper

162 100

164 63.8 43.6 83.6

98 34.8 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 44.874 ng

RT: 8.128 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF142401.D

Acq: 15 May 2025 19:38

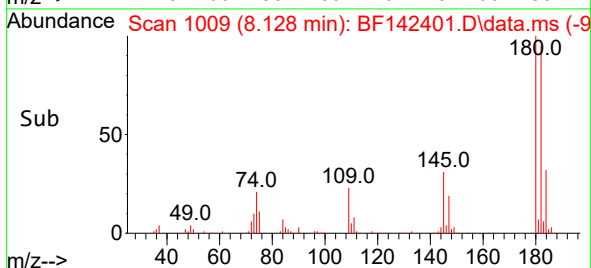
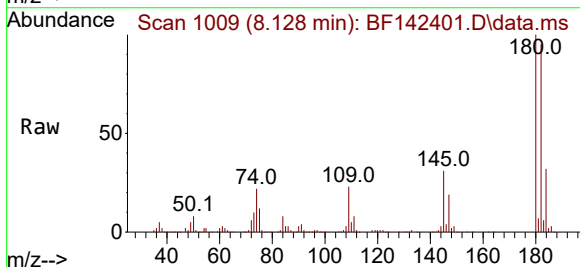
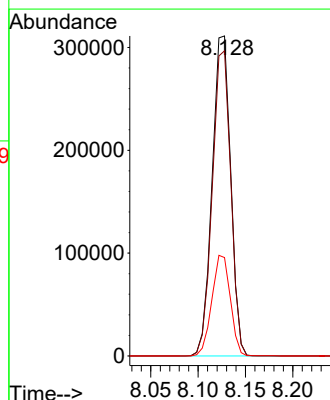
Tgt Ion:180 Resp: 423966

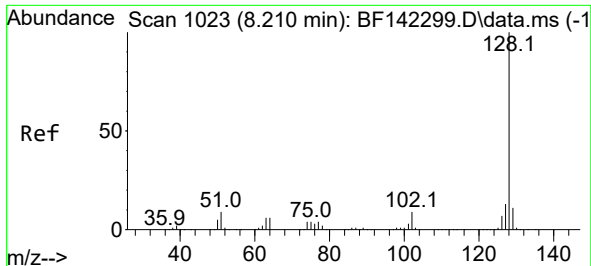
Ion Ratio Lower Upper

180 100

182 95.4 76.2 114.4

145 30.8 25.8 38.6

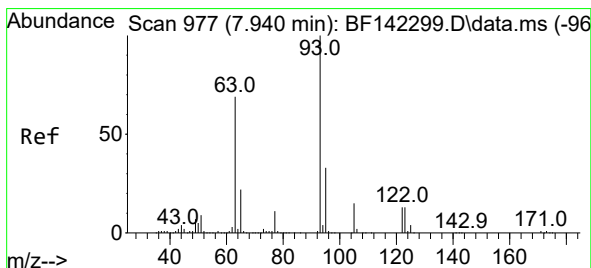
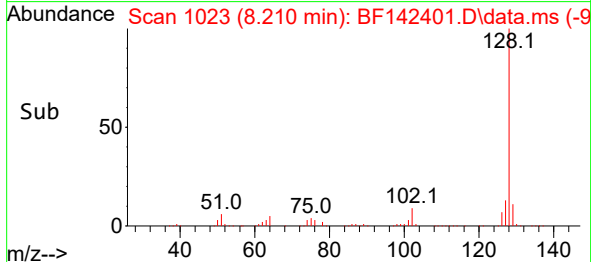
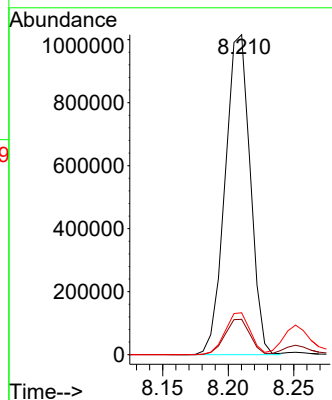
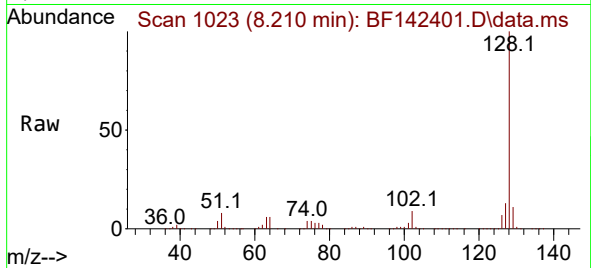




#31
Naphthalene
Concen: 44.114 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

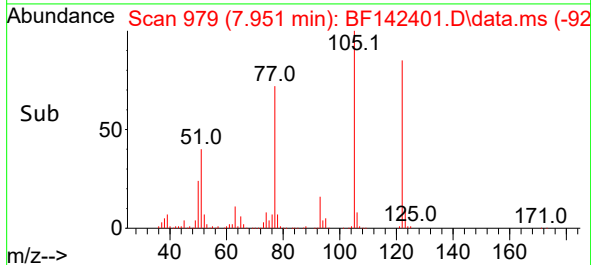
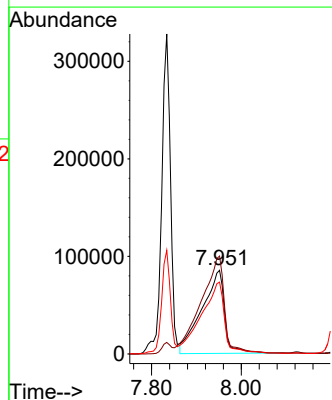
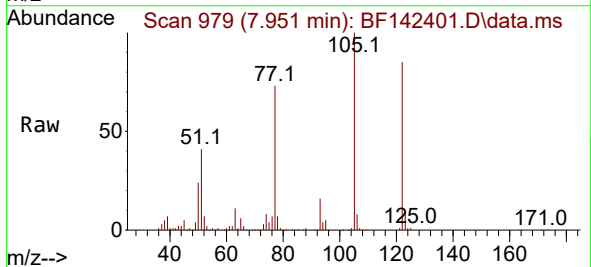
Instrument :
BNA_F
ClientSampleId :
COMP-2MS

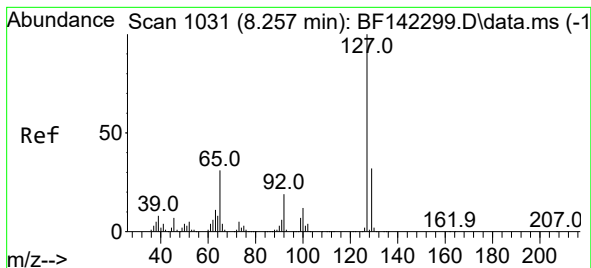
Tgt Ion:128 Resp: 1352374
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 54.560 ng
RT: 7.951 min Scan# 979
Delta R.T. 0.011 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion:122 Resp: 300669
Ion Ratio Lower Upper
122 100
105 117.0 97.9 137.9
77 85.9 67.7 107.7



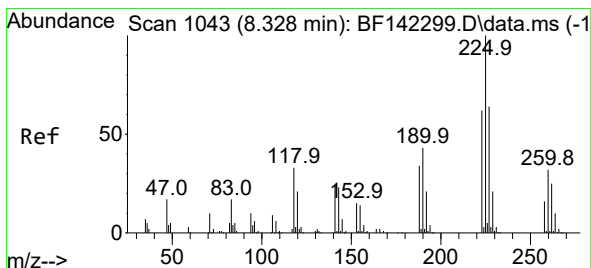
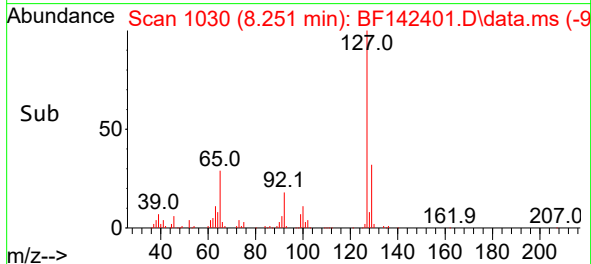
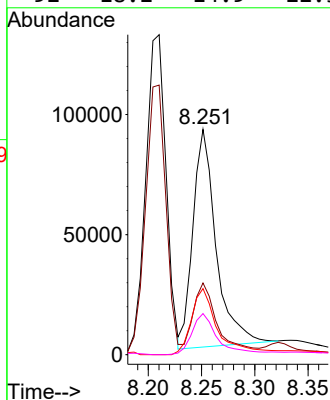
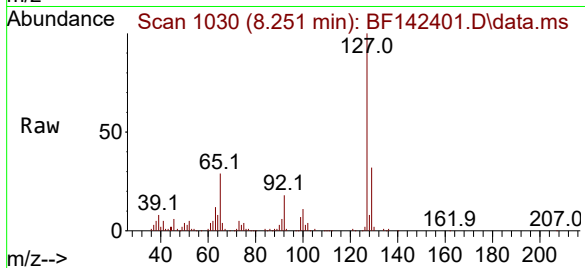


#33
4-Chloroaniline
Concen: 10.979 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.016 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Instrument :
BNA_F
ClientSampleId :
COMP-2MS

Tgt Ion:127 Resp: 137339

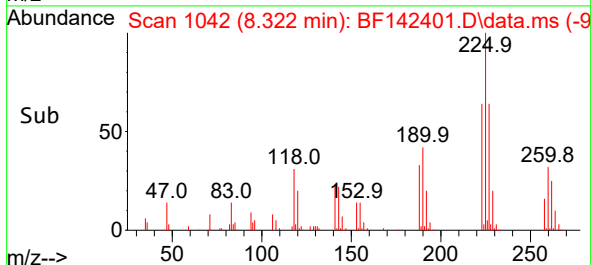
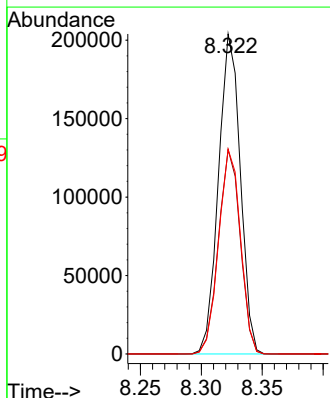
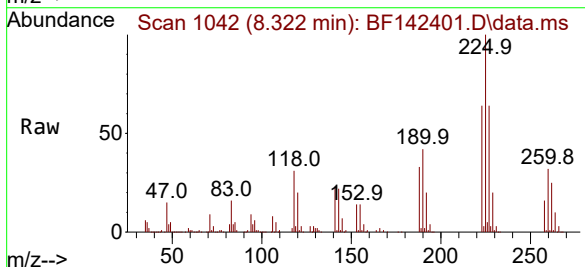
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.7	38.5
65	29.3	24.9	37.3
92	18.2	14.9	22.3

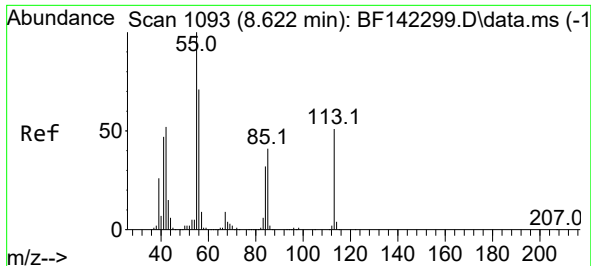


#34
Hexachlorobutadiene
Concen: 45.493 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion:225 Resp: 254513

Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.8	74.6
227	64.0	50.9	76.3

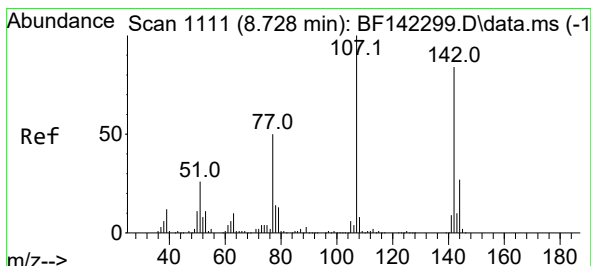
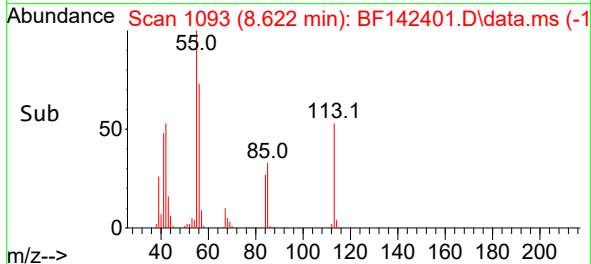
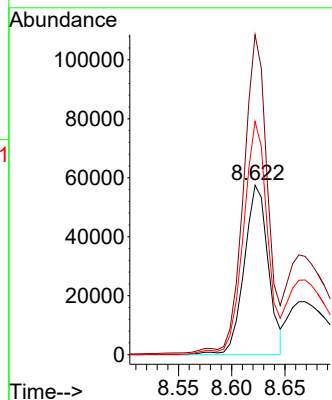
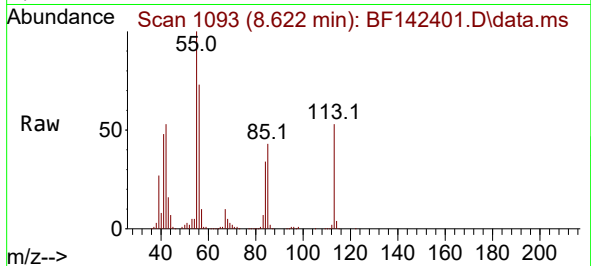




#35
Caprolactam
Concen: 36.854 ng
RT: 8.622 min Scan# 1093
Delta R.T. 0.000 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

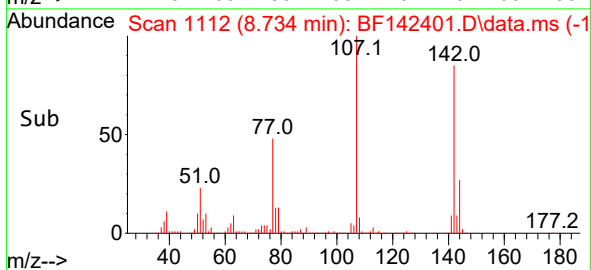
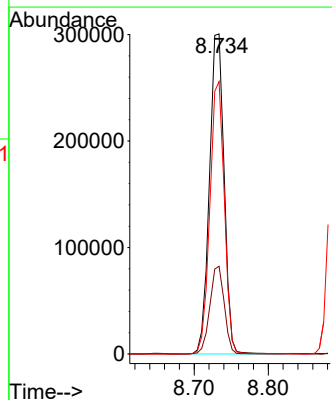
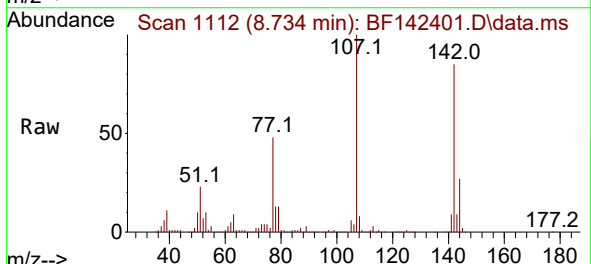
Instrument :
BNA_F
ClientSampleId :
COMP-2MS

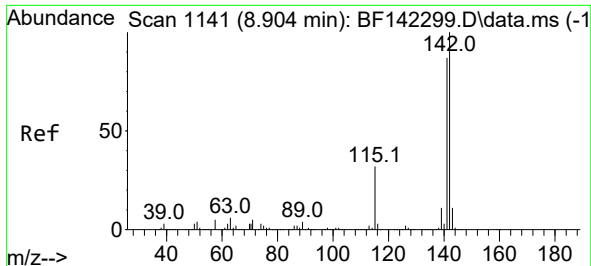
Tgt Ion:113 Resp: 90169
Ion Ratio Lower Upper
113 100
55 188.8 176.4 216.4
56 137.7 120.3 160.3



#36
4-Chloro-3-methylphenol
Concen: 47.381 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion:107 Resp: 413483
Ion Ratio Lower Upper
107 100
144 27.4 21.3 31.9
142 85.2 66.9 100.3

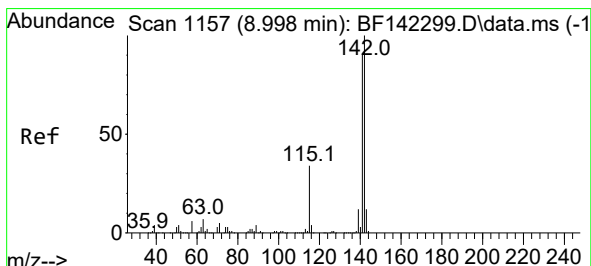
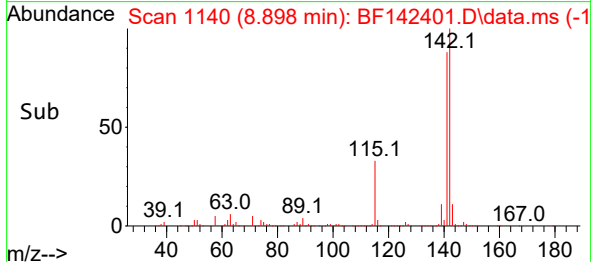
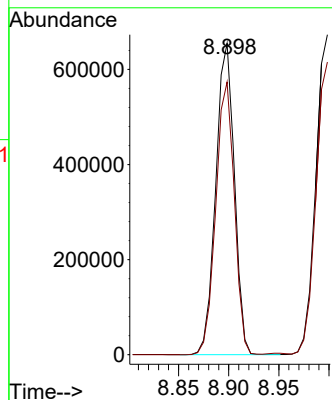
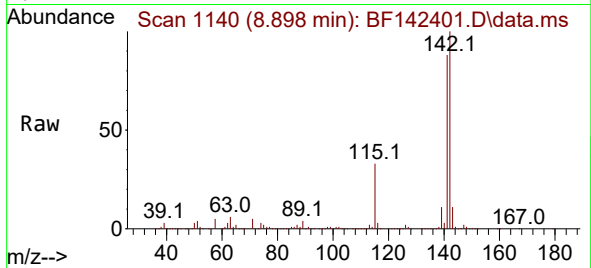




#37
2-Methylnaphthalene
Concen: 44.272 ng
RT: 8.898 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

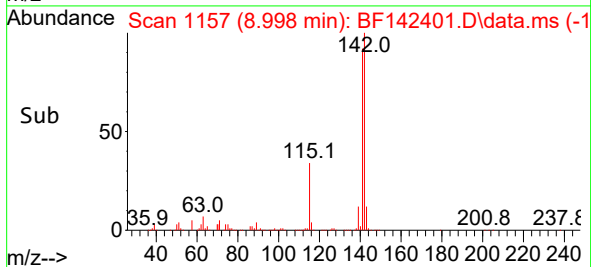
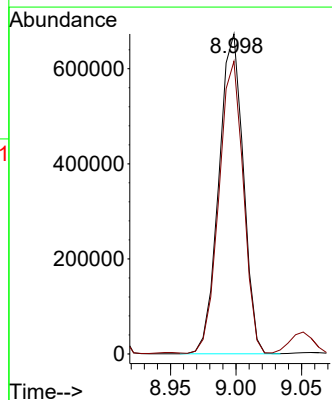
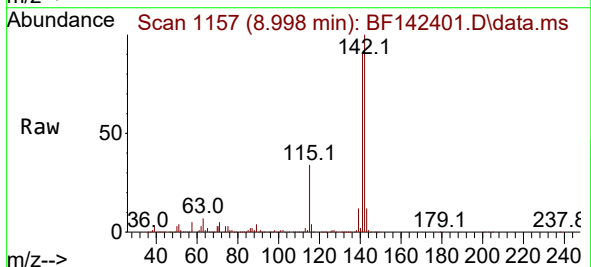
Instrument :
BNA_F
ClientSampleId :
COMP-2MS

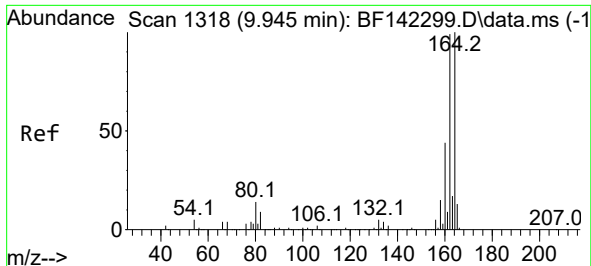
Tgt Ion:142 Resp: 843334
Ion Ratio Lower Upper
142 100
141 87.6 69.4 104.2



#38
1-Methylnaphthalene
Concen: 43.934 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion:142 Resp: 872272
Ion Ratio Lower Upper
142 100
141 91.5 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: BF142401.D

Acq: 15 May 2025 19:38

Instrument :

BNA_F

ClientSampleId :

COMP-2MS

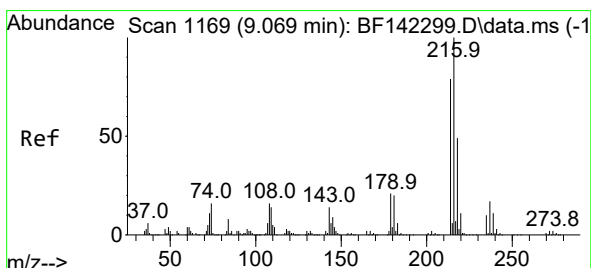
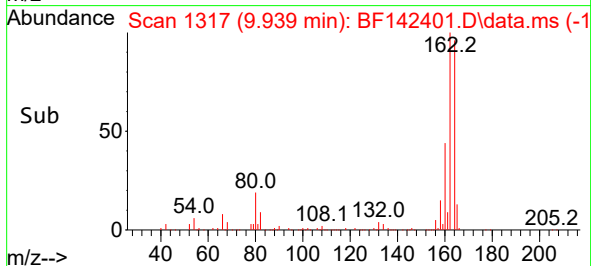
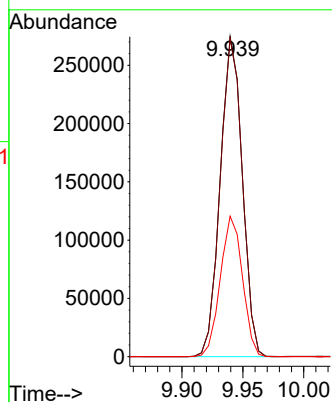
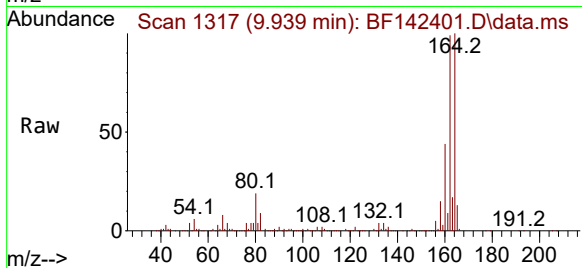
Tgt Ion:164 Resp: 347238

Ion Ratio Lower Upper

164 100

162 99.4 79.2 118.8

160 43.9 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.281 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142401.D

Acq: 15 May 2025 19:38

Tgt Ion:216 Resp: 419738

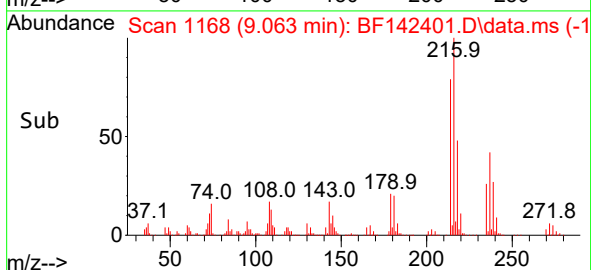
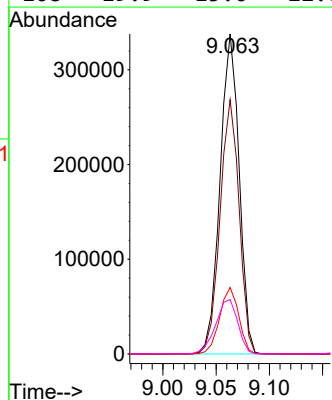
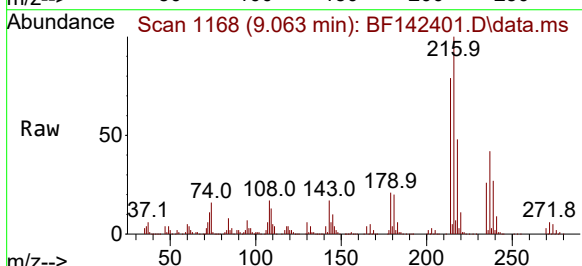
Ion Ratio Lower Upper

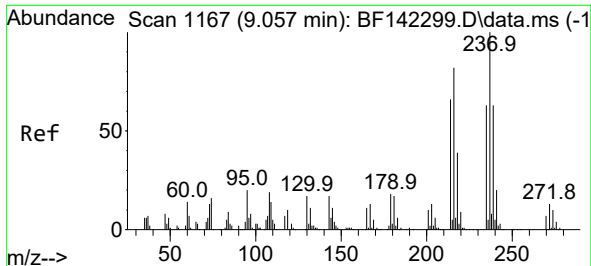
216 100

214 79.3 63.8 95.6

179 21.0 17.0 25.6

108 19.9 15.0 22.6

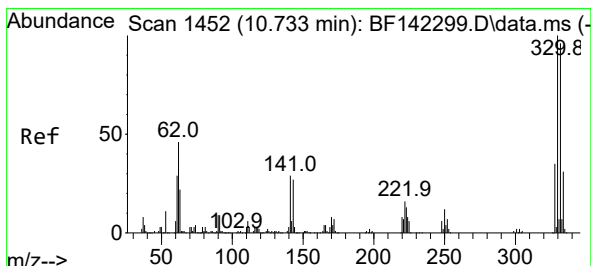
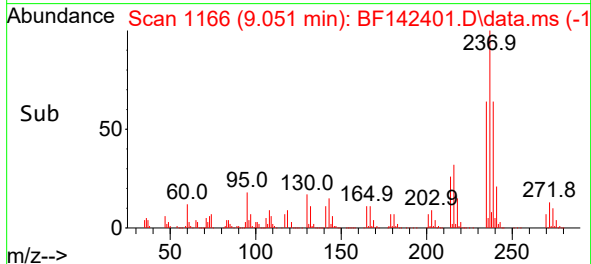
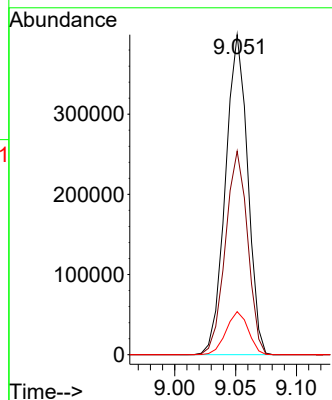
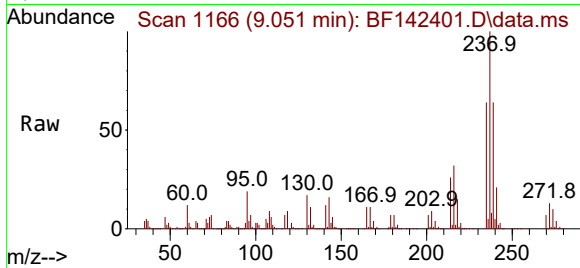




#41
Hexachlorocyclopentadiene
Concen: 84.498 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

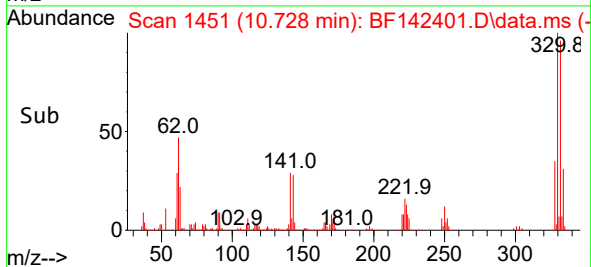
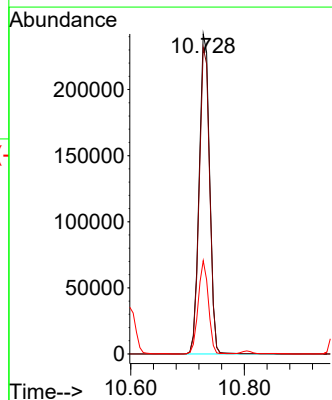
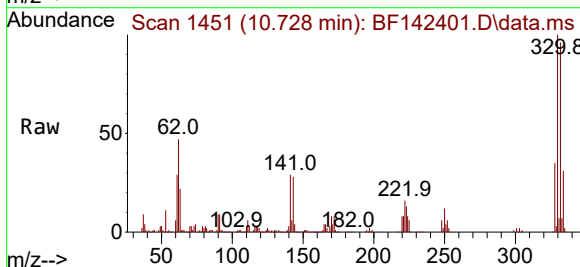
Instrument :
BNA_F
ClientSampleId :
COMP-2MS

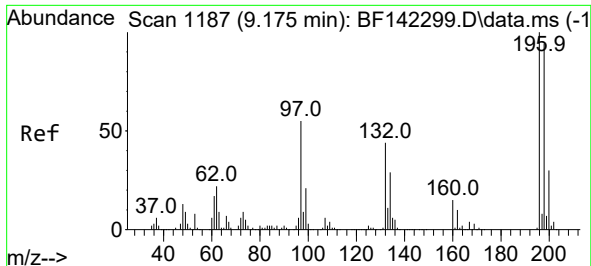
Tgt Ion:237 Resp: 506446
Ion Ratio Lower Upper
237 100
235 63.6 42.8 82.8
272 13.5 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 92.675 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion:330 Resp: 310696
Ion Ratio Lower Upper
330 100
332 95.6 76.8 115.2
141 28.5 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 49.379 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142401.D

Acq: 15 May 2025 19:38

Instrument :

BNA_F

ClientSampleId :

COMP-2MS

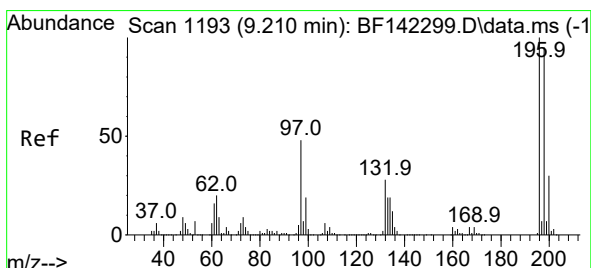
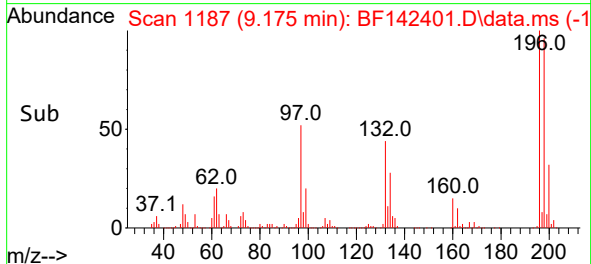
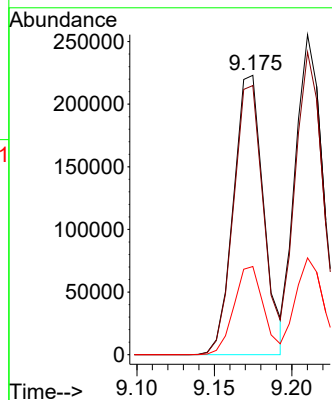
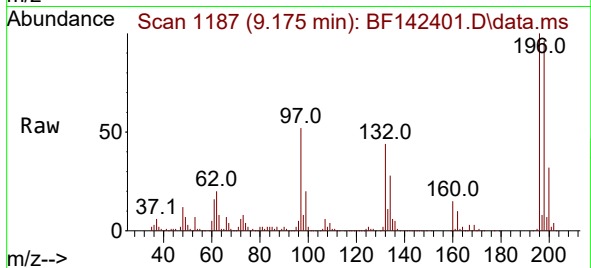
Tgt Ion:196 Resp: 302060

Ion Ratio Lower Upper

196 100

198 96.3 75.4 113.0

200 31.6 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 48.352 ng

RT: 9.210 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF142401.D

Acq: 15 May 2025 19:38

Tgt Ion:196 Resp: 314709

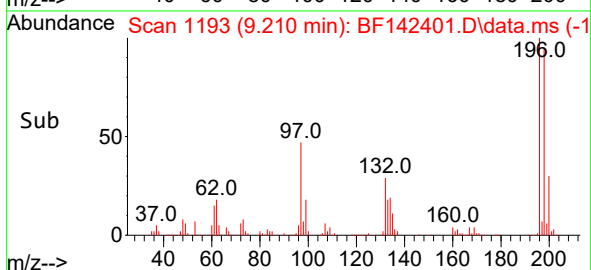
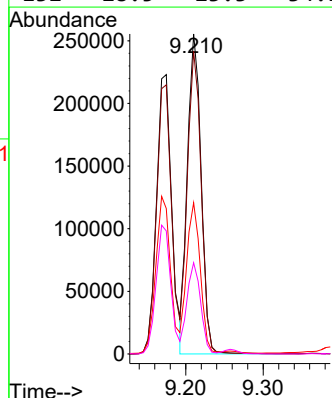
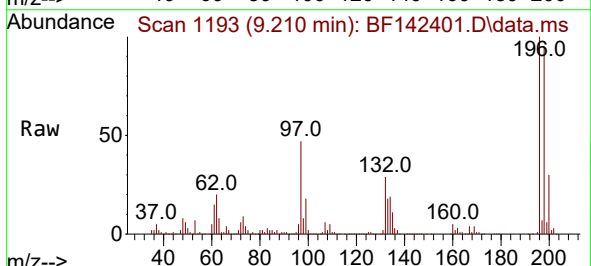
Ion Ratio Lower Upper

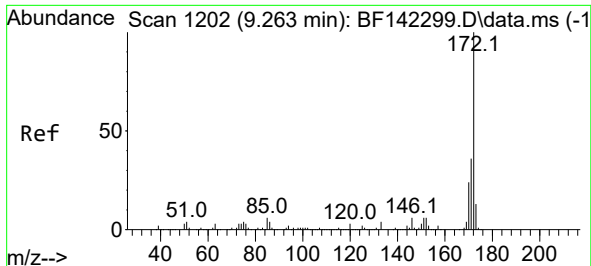
196 100

198 94.6 76.1 114.1

97 47.2 39.0 58.4

132 28.5 23.3 34.9

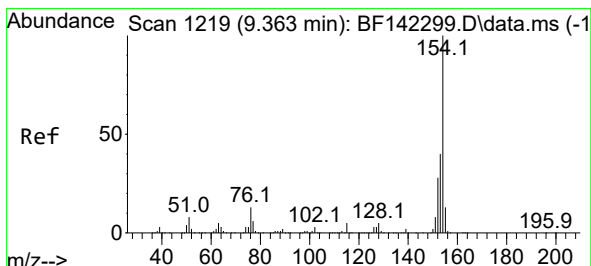
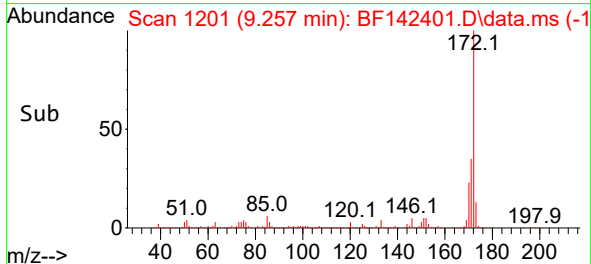
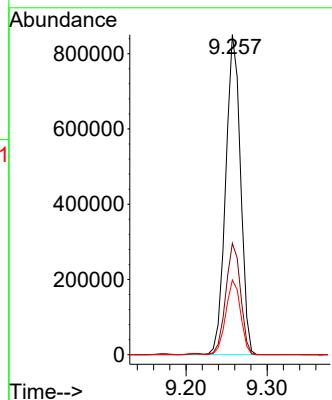
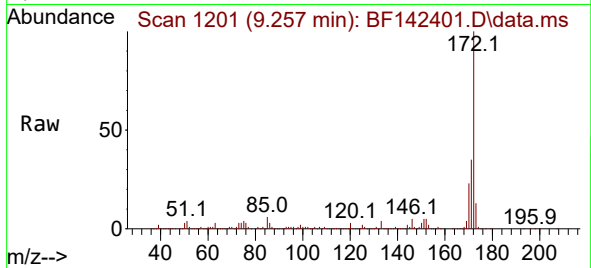




#45
2-Fluorobiphenyl
Concen: 44.381 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

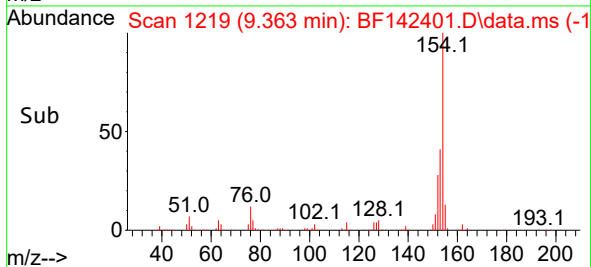
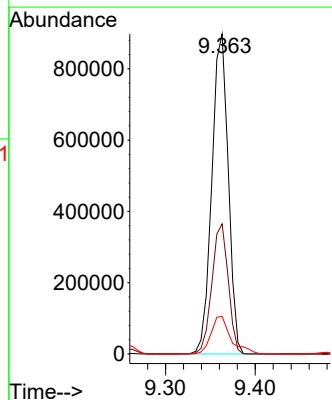
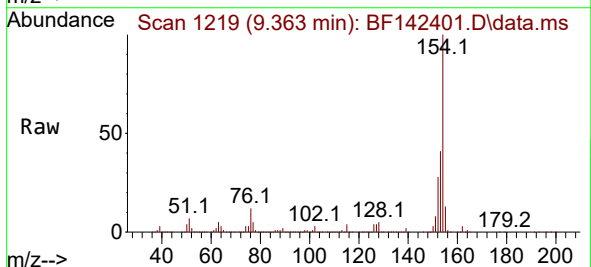
Instrument :
BNA_F
ClientSampleId :
COMP-2MS

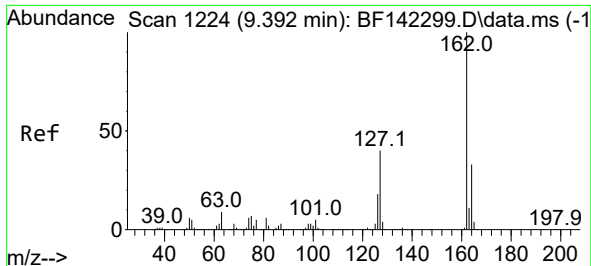
Tgt Ion:172 Resp: 1080793
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 42.798 ng
RT: 9.363 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion:154 Resp: 1139464
Ion Ratio Lower Upper
154 100
153 40.6 20.5 60.5
76 11.7 0.0 32.8





#47

2-Chloronaphthalene

Concen: 43.048 ng

RT: 9.387 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142401.D

Acq: 15 May 2025 19:38

Instrument :

BNA_F

ClientSampleId :

COMP-2MS

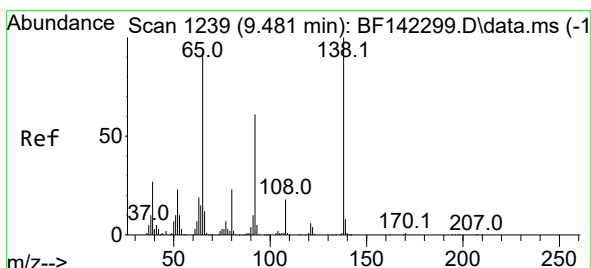
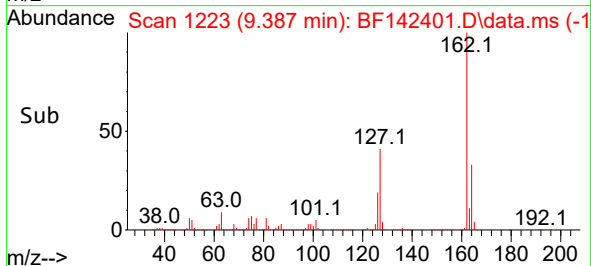
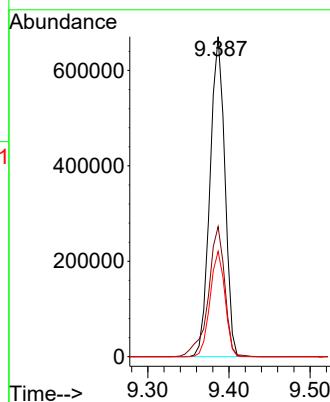
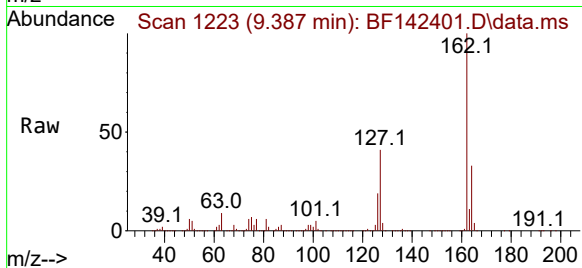
Tgt Ion:162 Resp: 852339

Ion Ratio Lower Upper

162 100

127 40.7 32.3 48.5

164 32.9 26.6 40.0



#48

2-Nitroaniline

Concen: 53.681 ng

RT: 9.481 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF142401.D

Acq: 15 May 2025 19:38

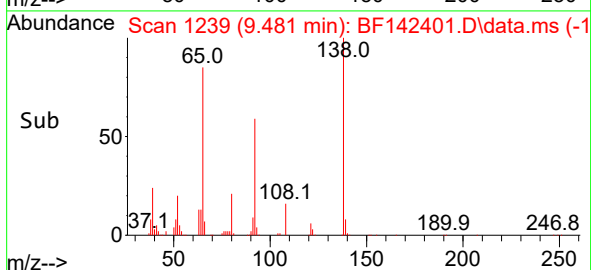
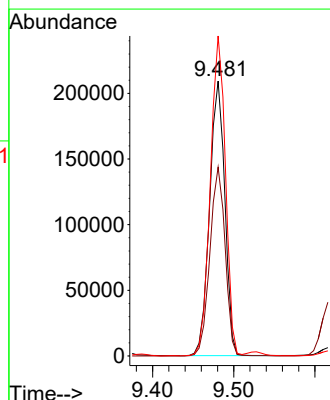
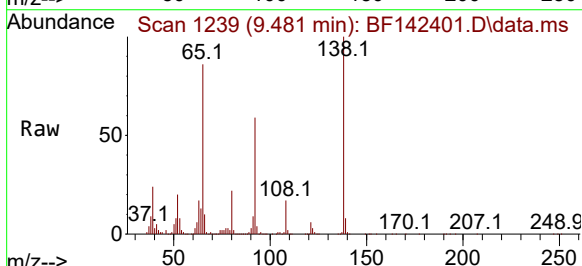
Tgt Ion: 65 Resp: 272438

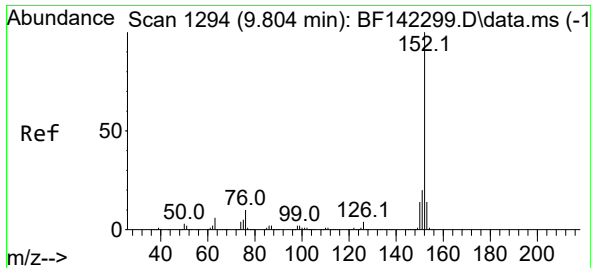
Ion Ratio Lower Upper

65 100

92 68.6 52.3 78.5

138 116.4 85.6 128.4

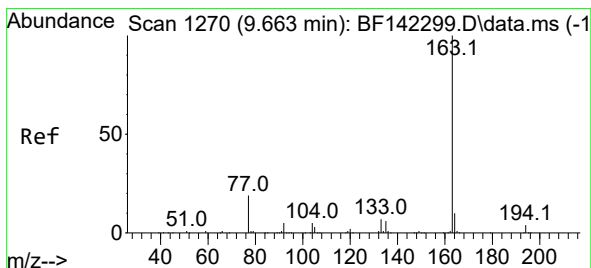
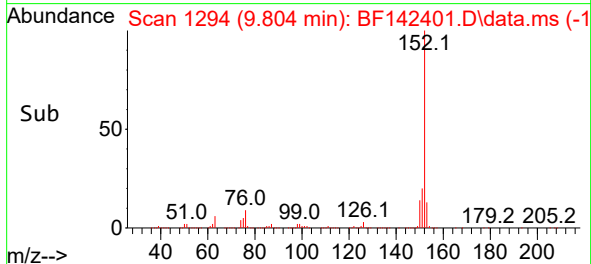
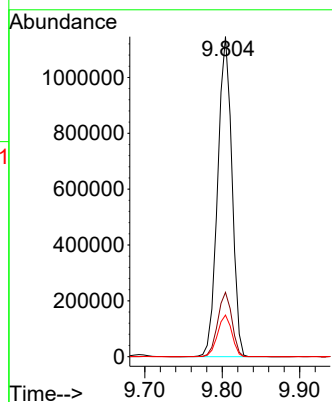
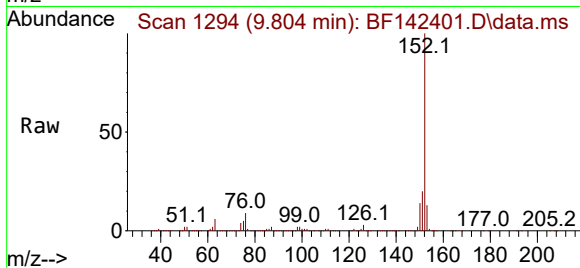




#49
Acenaphthylene
Concen: 44.106 ng
RT: 9.804 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

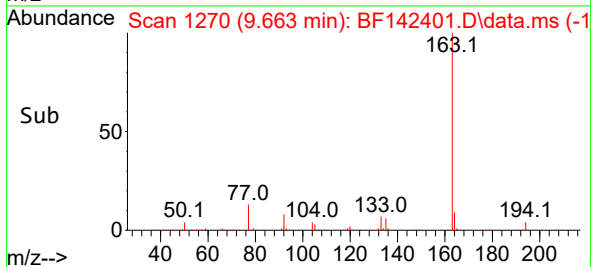
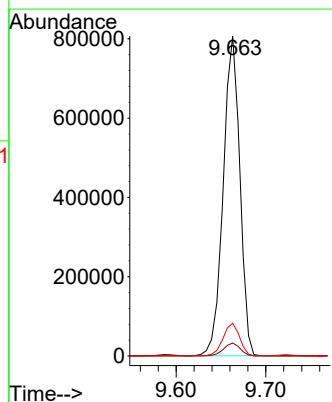
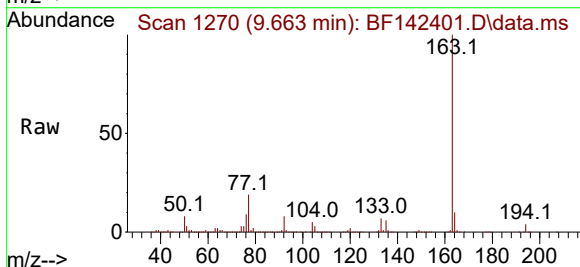
Instrument :
BNA_F
ClientSampleId :
COMP-2MS

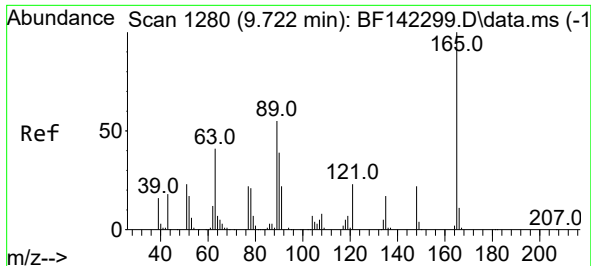
Tgt Ion:152 Resp: 1460909
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.0 10.8 16.2



#50
Dimethylphthalate
Concen: 46.541 ng
RT: 9.663 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion:163 Resp: 1037732
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.2 8.3 12.5

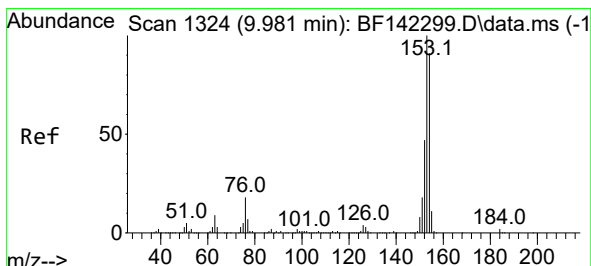
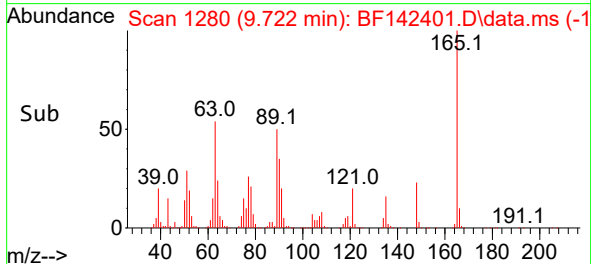
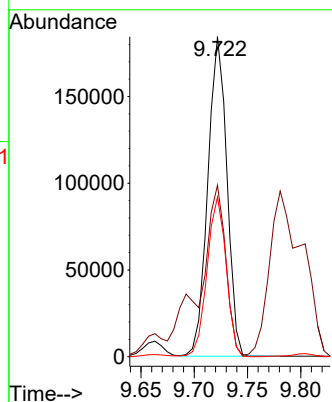
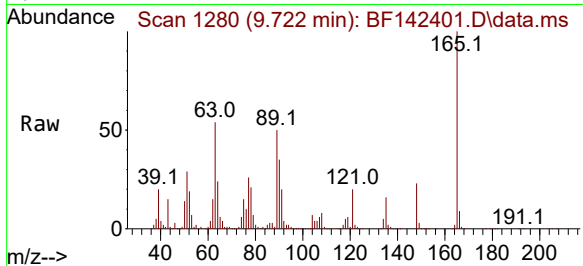




#51
2,6-Dinitrotoluene
Concen: 54.997 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

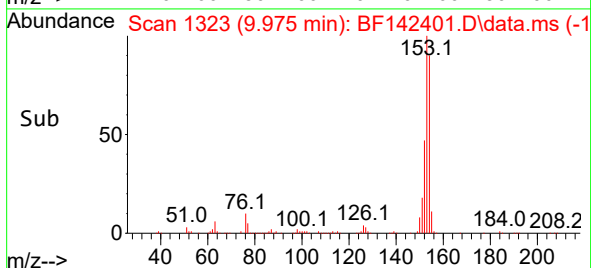
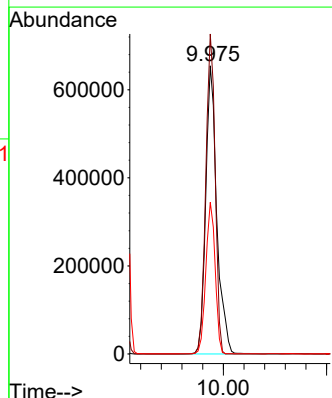
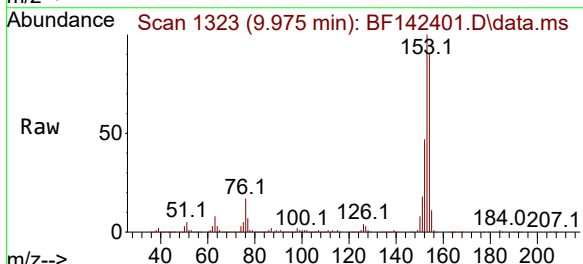
Instrument :
BNA_F
ClientSampleId :
COMP-2MS

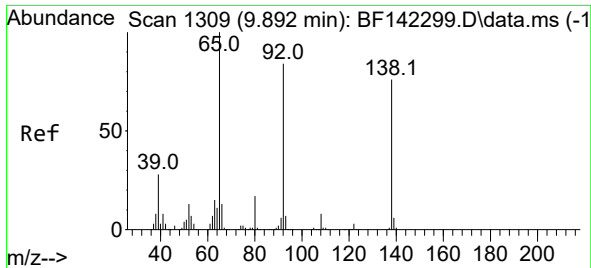
Tgt Ion:165 Resp: 229534
Ion Ratio Lower Upper
165 100
63 53.6 49.5 74.3
89 49.9 44.6 66.8



#52
Acenaphthene
Concen: 48.983 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion:154 Resp: 975532
Ion Ratio Lower Upper
154 100
153 111.0 88.0 132.0
152 52.6 41.6 62.4

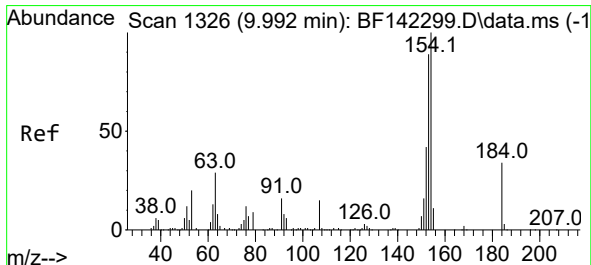
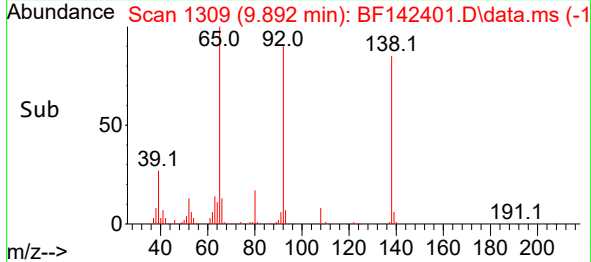
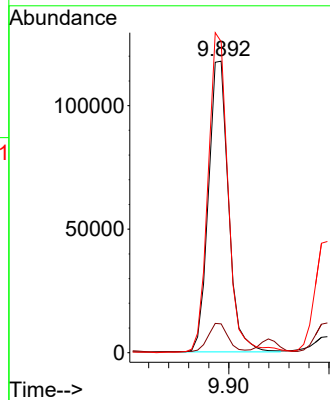
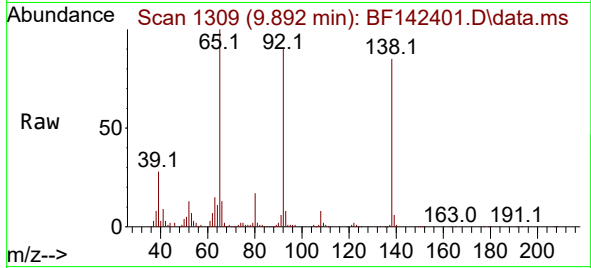




#53
3-Nitroaniline
Concen: 33.554 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

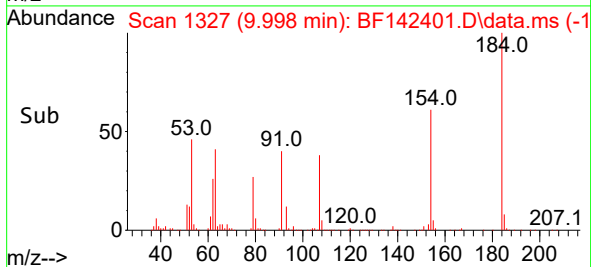
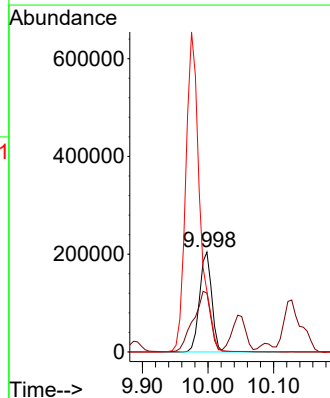
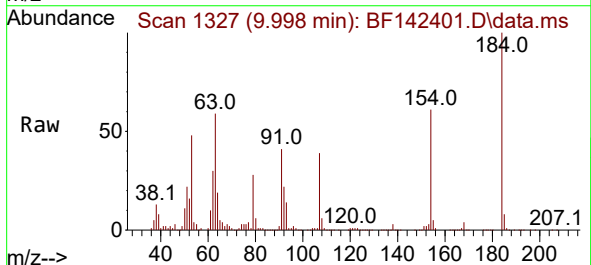
Instrument :
BNA_F
ClientSampleId :
COMP-2MS

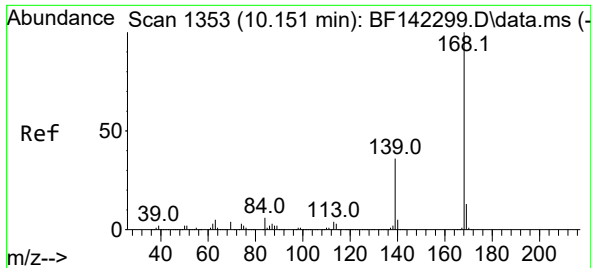
Tgt Ion:138 Resp: 164243
Ion Ratio Lower Upper
138 100
108 9.9 8.7 13.1
92 106.7 89.5 134.3



#54
2,4-Dinitrophenol
Concen: 117.647 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion:184 Resp: 265588
Ion Ratio Lower Upper
184 100
63 59.0 70.6 105.8#
154 60.8 257.2 385.8#

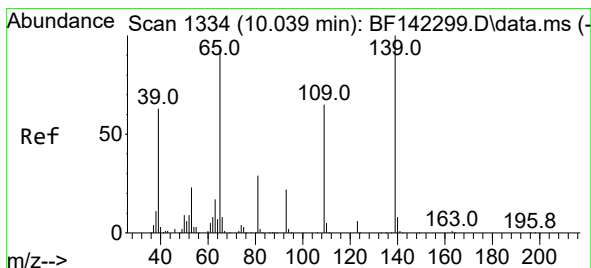
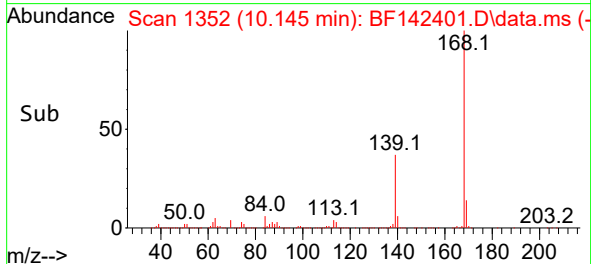
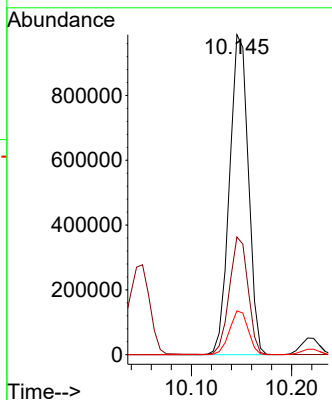
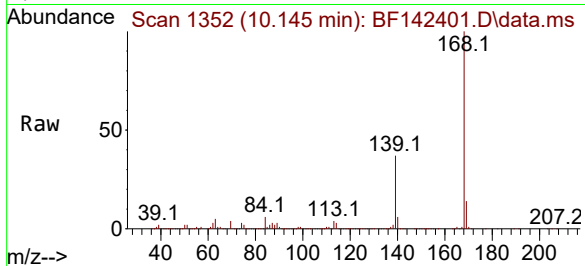




#55
Dibenzenofuran
Concen: 43.765 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

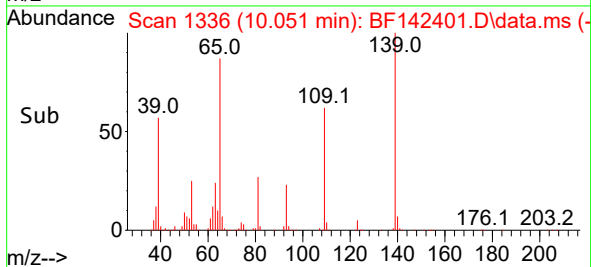
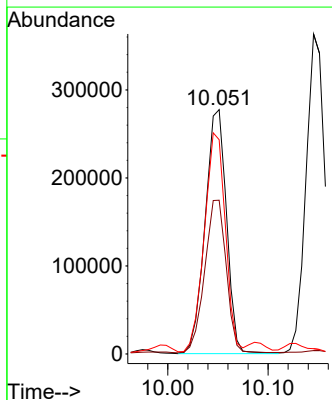
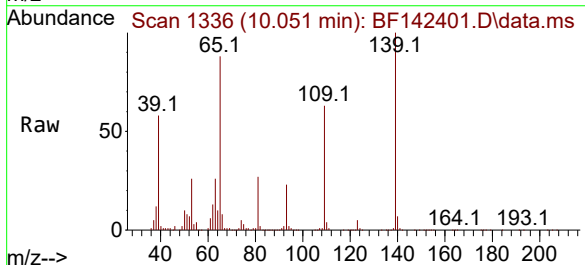
Instrument :
BNA_F
ClientSampleId :
COMP-2MS

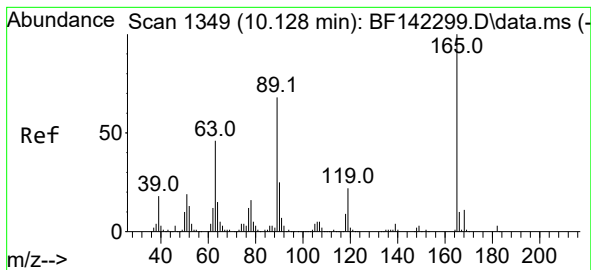
Tgt Ion:168 Resp: 1286371
Ion Ratio Lower Upper
168 100
139 36.8 29.0 43.4
169 13.7 10.7 16.1



#56
4-Nitrophenol
Concen: 111.707 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion:139 Resp: 411527
Ion Ratio Lower Upper
139 100
109 62.9 45.3 85.3
65 87.7 73.9 113.9

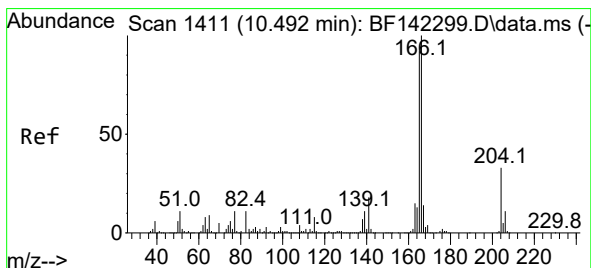
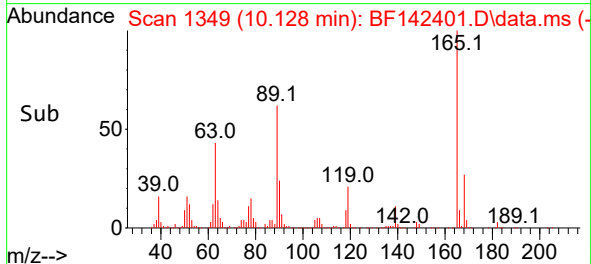
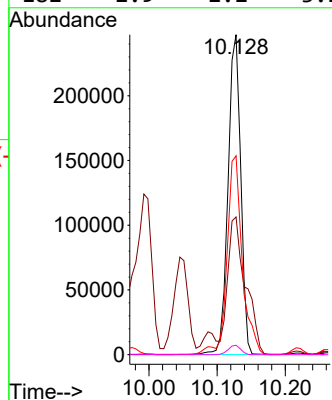
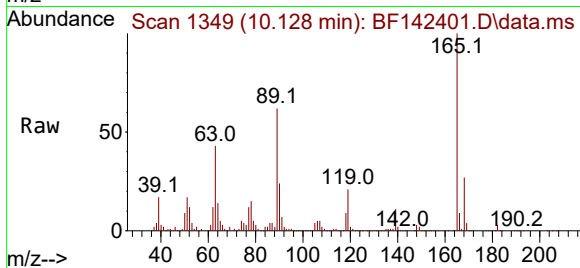




#57
2,4-Dinitrotoluene
Concen: 59.619 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

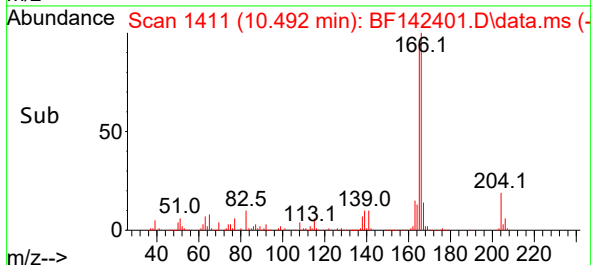
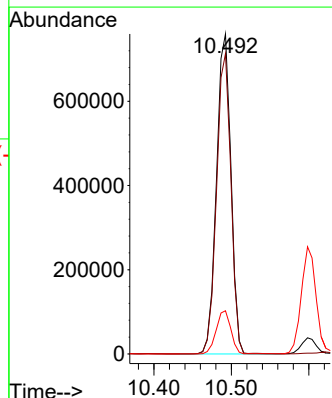
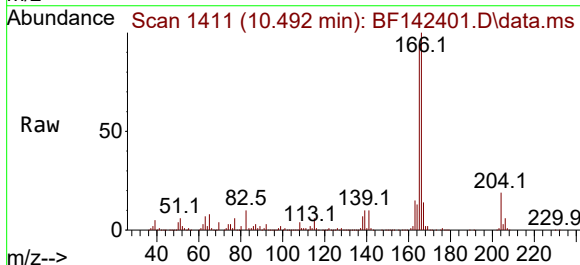
Instrument :
BNA_F
ClientSampleId :
COMP-2MS

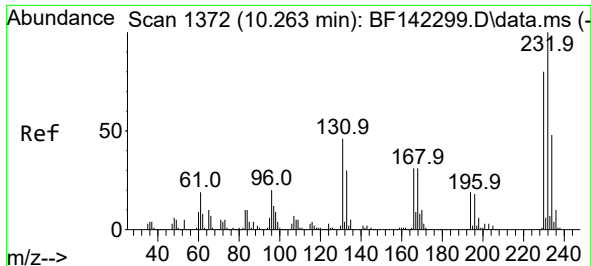
Tgt Ion:165 Resp: 319176
Ion Ratio Lower Upper
165 100
63 43.0 37.1 55.7
89 62.2 54.4 81.6
182 2.9 2.2 3.2



#58
Fluorene
Concen: 43.799 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion:166 Resp: 982448
Ion Ratio Lower Upper
166 100
165 93.9 74.0 111.0
167 13.5 10.9 16.3

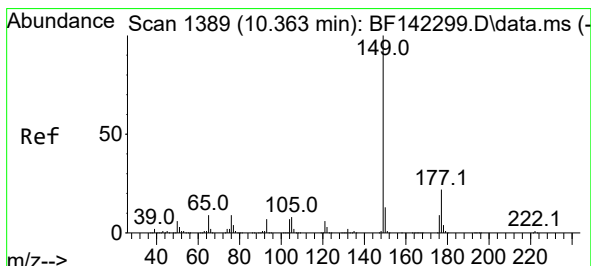
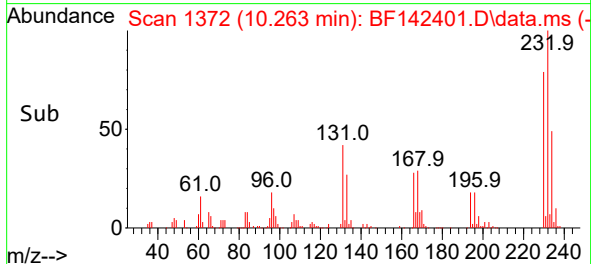
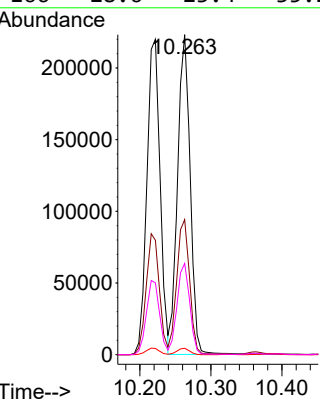
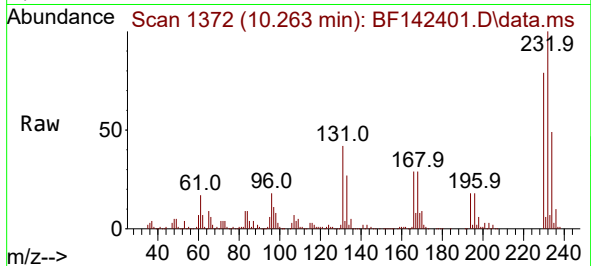




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.276 ng
RT: 10.263 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

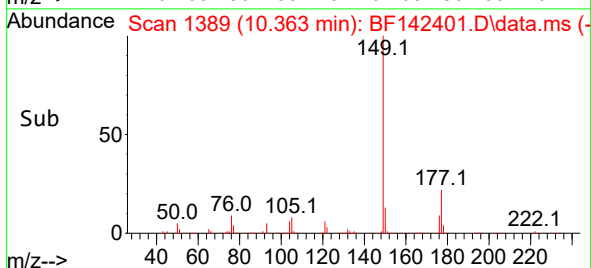
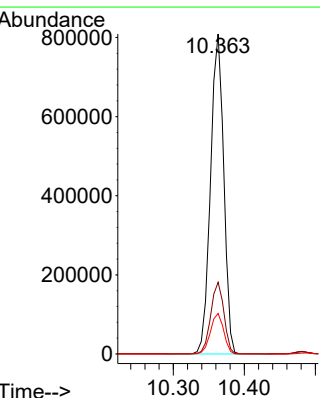
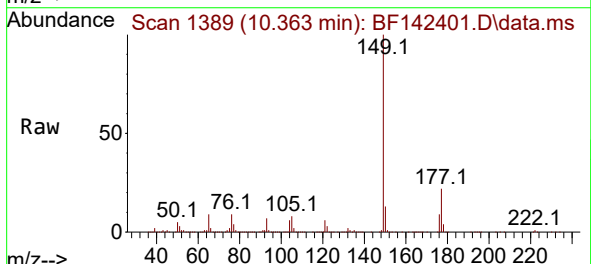
Instrument :
BNA_F
ClientSampleId :
COMP-2MS

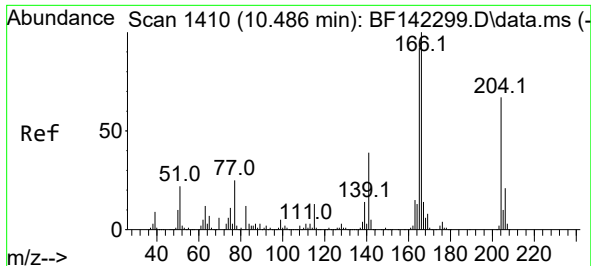
Tgt Ion:232 Resp: 275507
Ion Ratio Lower Upper
232 100
131 43.2 36.0 54.0
130 2.0 1.8 2.6
166 28.6 23.4 35.2



#60
Diethylphthalate
Concen: 46.594 ng
RT: 10.363 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion:149 Resp: 1037518
Ion Ratio Lower Upper
149 100
177 22.4 17.6 26.4
150 12.7 10.1 15.1

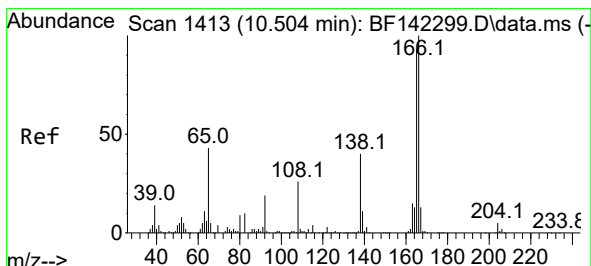
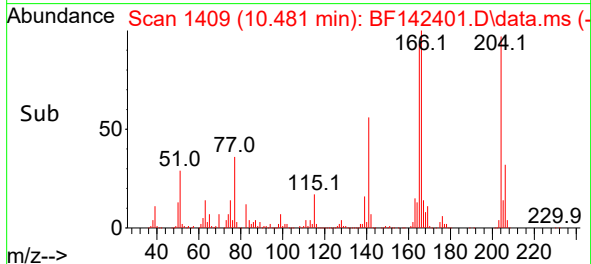
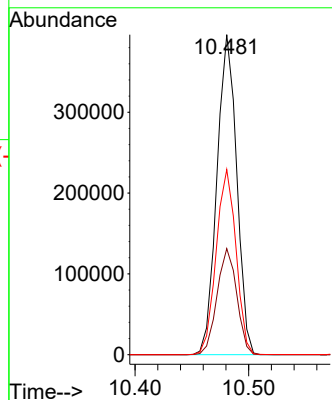
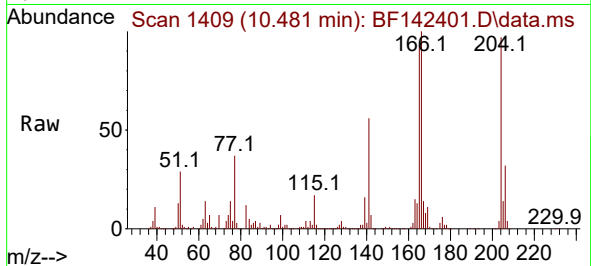




#61
4-Chlorophenyl-phenylether
Concen: 44.280 ng
RT: 10.481 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

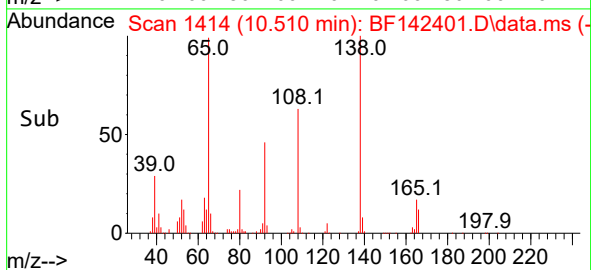
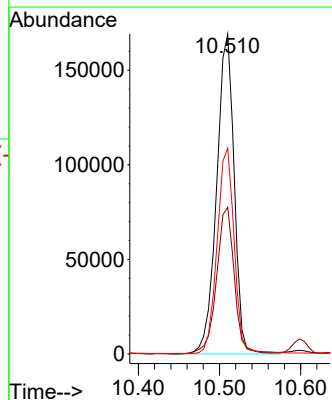
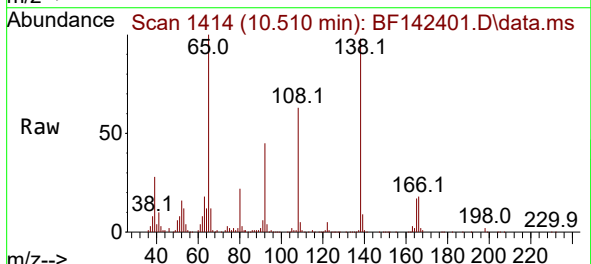
Instrument :
BNA_F
ClientSampleId :
COMP-2MS

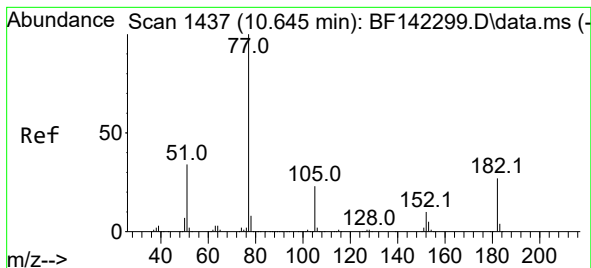
Tgt Ion:204 Resp: 479190
Ion Ratio Lower Upper
204 100
206 33.2 25.5 38.3
141 57.9 46.4 69.6



#62
4-Nitroaniline
Concen: 65.670 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion:138 Resp: 254767
Ion Ratio Lower Upper
138 100
92 45.8 27.3 67.3
108 64.3 45.1 85.1





#63

Azobenzene

Concen: 47.370 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142401.D

Acq: 15 May 2025 19:38

Instrument :

BNA_F

ClientSampleId :

COMP-2MS

Tgt Ion: 77 Resp: 1007947

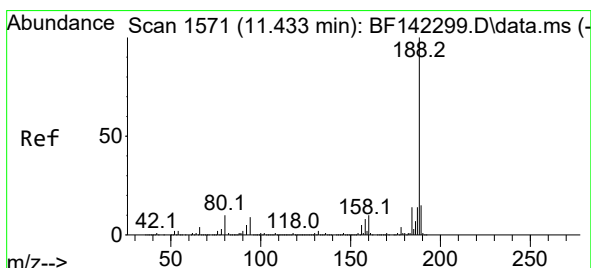
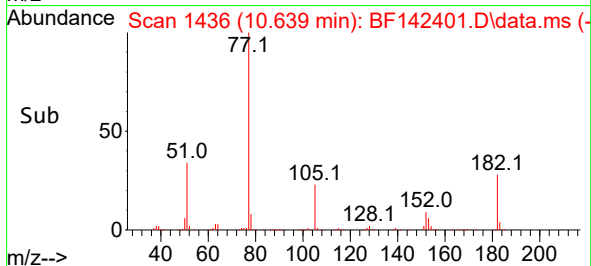
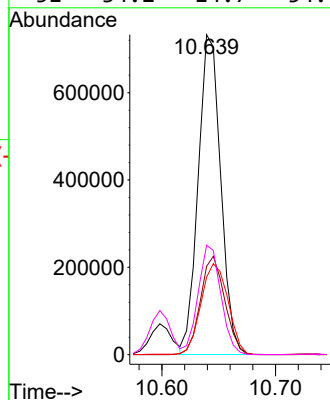
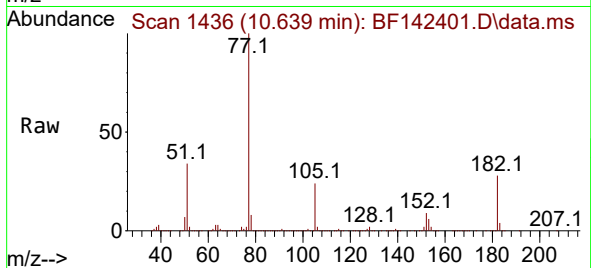
Ion Ratio Lower Upper

77 100

182 27.6 6.9 46.9

105 24.2 2.7 42.7

51 34.2 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142401.D

Acq: 15 May 2025 19:38

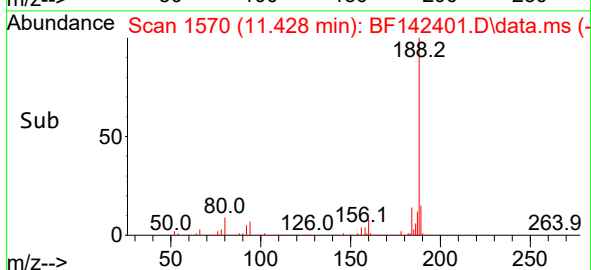
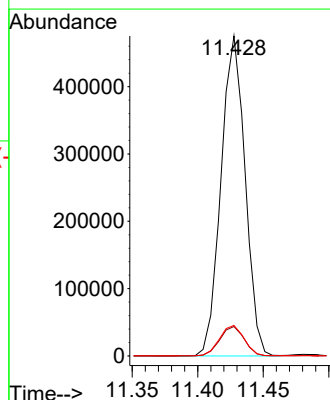
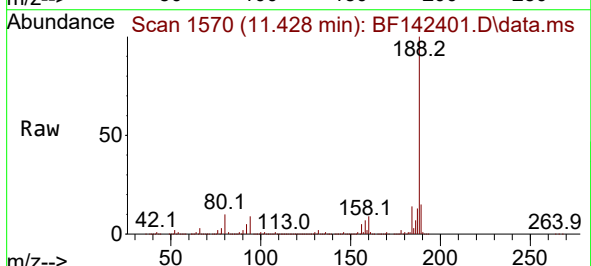
Tgt Ion:188 Resp: 607066

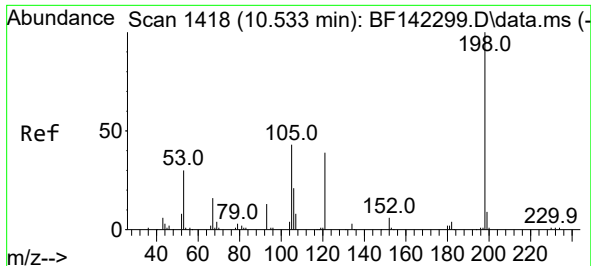
Ion Ratio Lower Upper

188 100

94 9.2 7.5 11.3

80 9.5 7.9 11.9

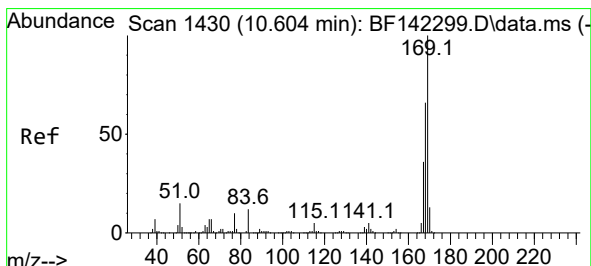
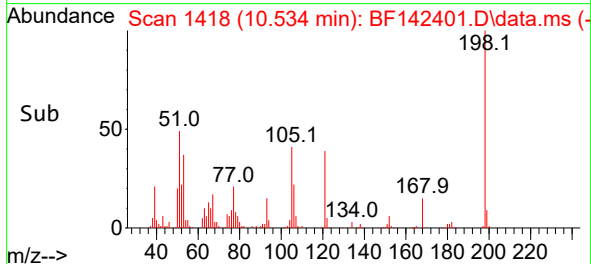
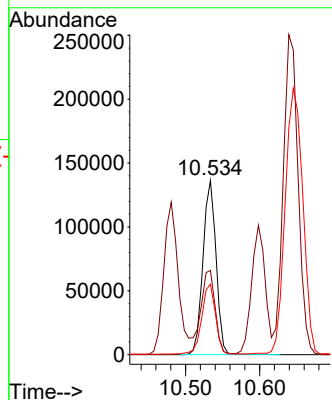
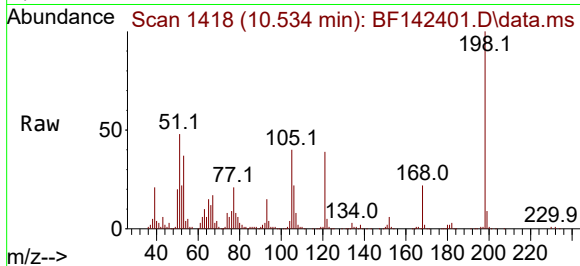




#65
4,6-Dinitro-2-methylphenol
Concen: 57.558 ng
RT: 10.534 min Scan# 1418
Delta R.T. 0.001 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

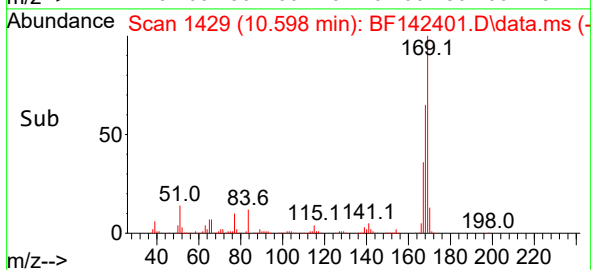
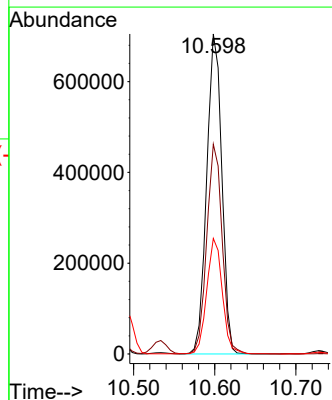
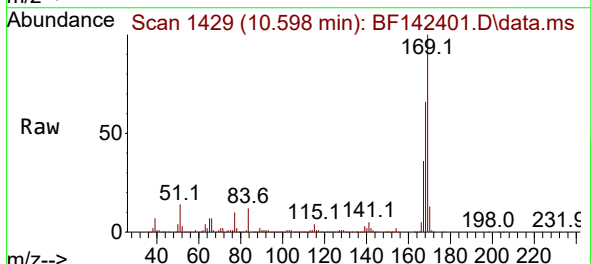
Instrument :
BNA_F
ClientSampleId :
COMP-2MS

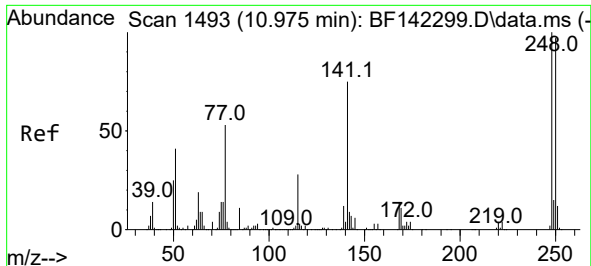
Tgt Ion:198 Resp: 167642
Ion Ratio Lower Upper
198 100
51 48.4 32.9 72.9
105 40.5 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 45.015 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion:169 Resp: 909331
Ion Ratio Lower Upper
169 100
168 65.5 53.2 79.8
167 36.1 28.9 43.3

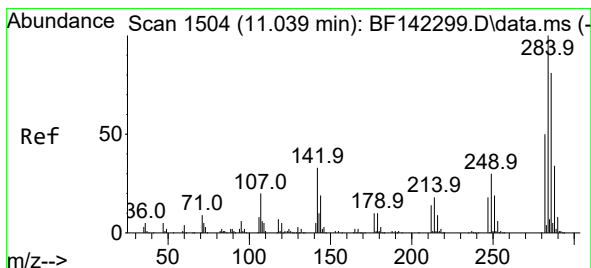
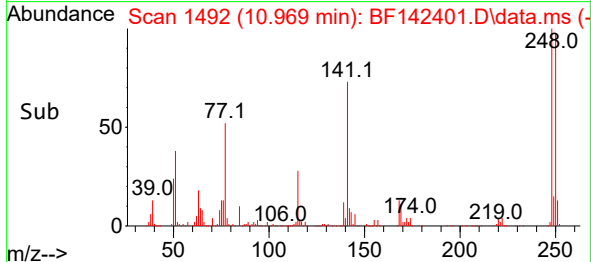
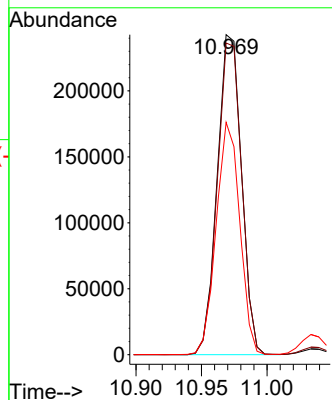
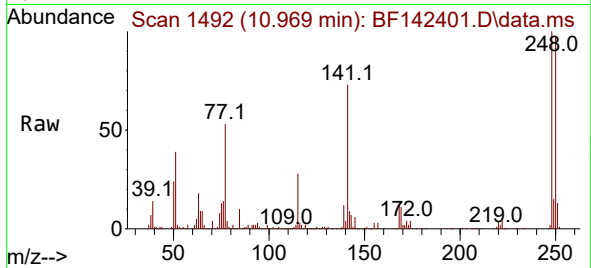




#67
4-Bromophenyl-phenylether
Concen: 45.508 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

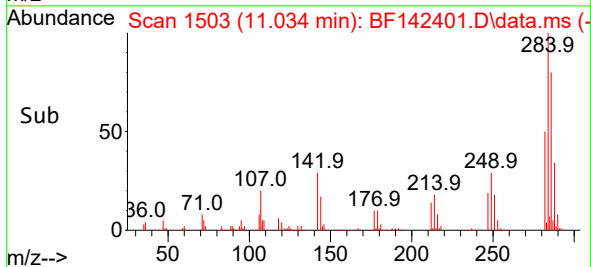
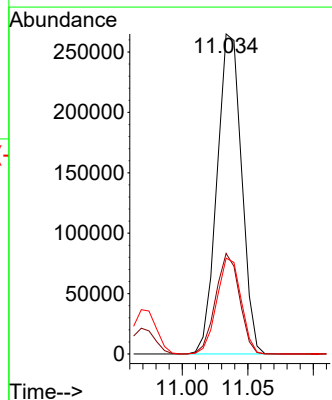
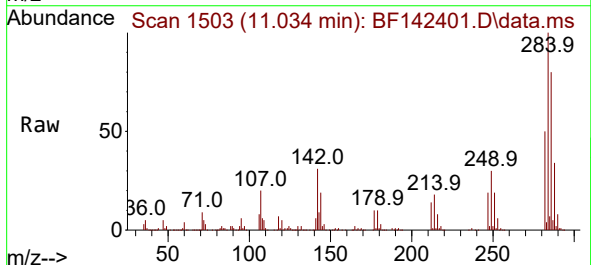
Instrument :
BNA_F
ClientSampleId :
COMP-2MS

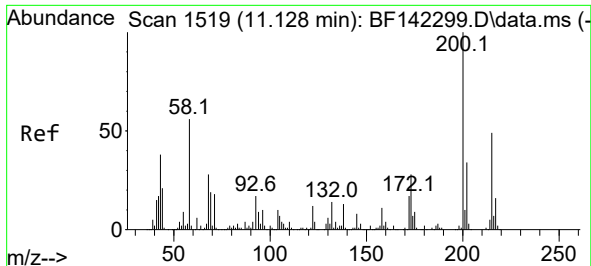
Tgt Ion:248 Resp: 313100
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 72.6 59.8 89.8



#68
Hexachlorobenzene
Concen: 45.543 ng
RT: 11.034 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion:284 Resp: 344668
Ion Ratio Lower Upper
284 100
142 31.4 26.6 39.8
249 29.9 24.1 36.1

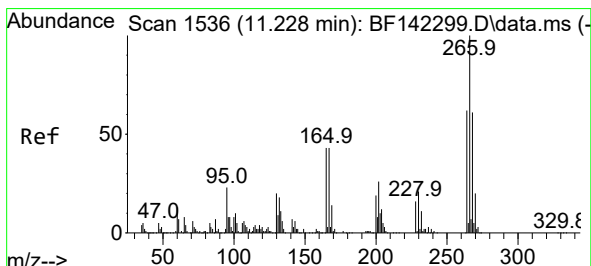
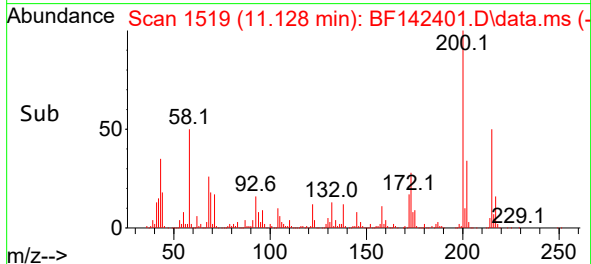
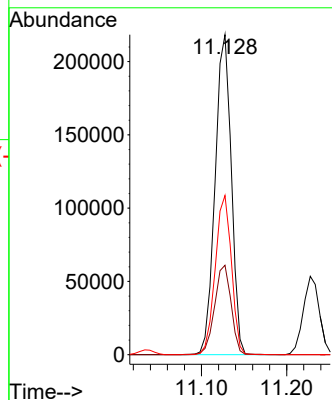
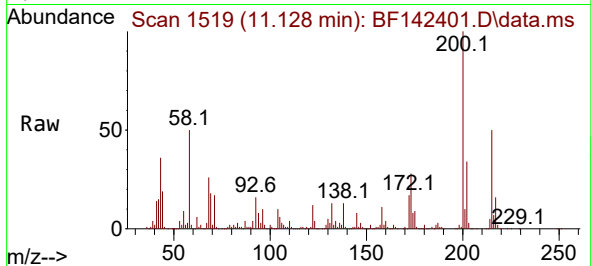




#69
 Atrazine
 Concen: 54.096 ng
 RT: 11.128 min Scan# 1519
 Delta R.T. 0.000 min
 Lab File: BF142401.D
 Acq: 15 May 2025 19:38

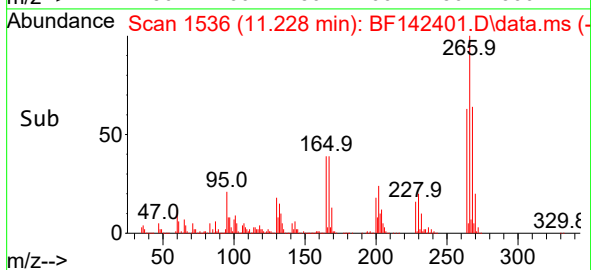
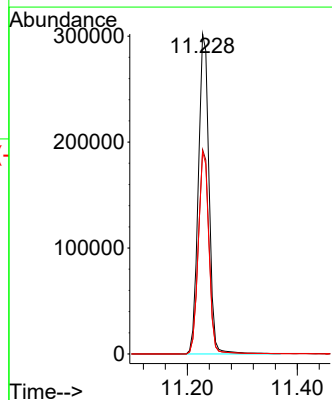
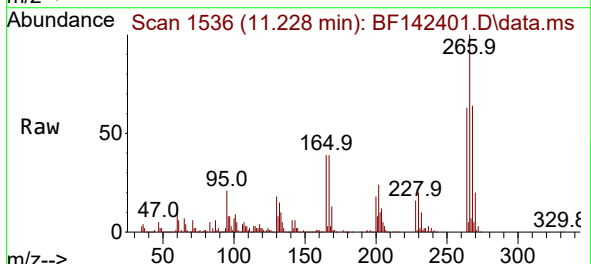
Instrument :
 BNA_F
 ClientSampleId :
 COMP-2MS

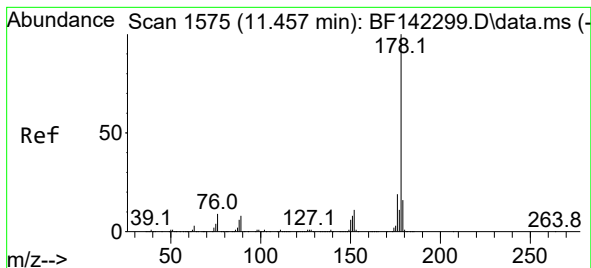
Tgt Ion:200 Resp: 288060
 Ion Ratio Lower Upper
 200 100
 173 28.0 8.1 48.1
 215 49.8 28.8 68.8



#70
 Pentachlorophenol
 Concen: 102.619 ng
 RT: 11.228 min Scan# 1536
 Delta R.T. 0.000 min
 Lab File: BF142401.D
 Acq: 15 May 2025 19:38

Tgt Ion:266 Resp: 408553
 Ion Ratio Lower Upper
 266 100
 268 63.9 48.7 73.1
 264 63.2 49.8 74.6





#71

Phenanthrene

Concen: 44.762 ng

RT: 11.451 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF142401.D

Acq: 15 May 2025 19:38

Instrument :

BNA_F

ClientSampleId :

COMP-2MS

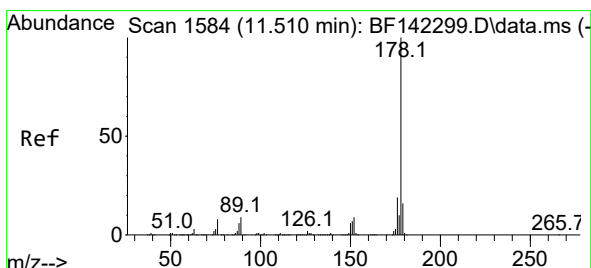
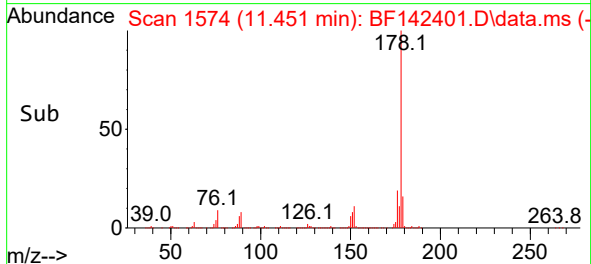
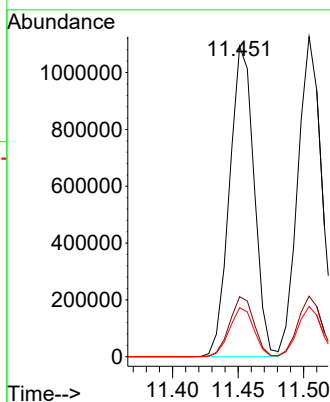
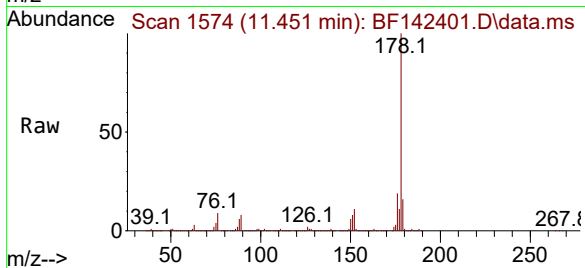
Tgt Ion:178 Resp: 1424367

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.8 12.6 18.8



#72

Anthracene

Concen: 43.063 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142401.D

Acq: 15 May 2025 19:38

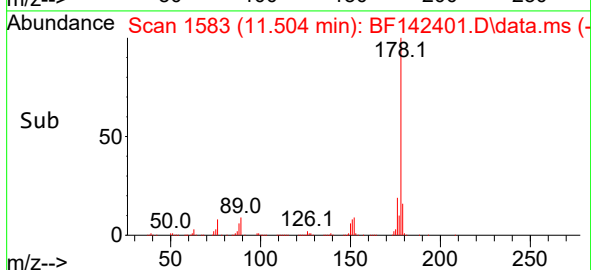
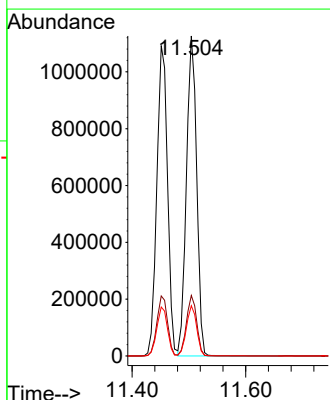
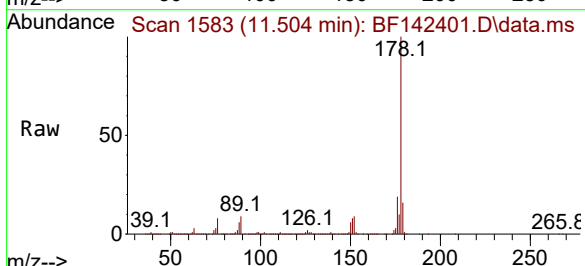
Tgt Ion:178 Resp: 1408000

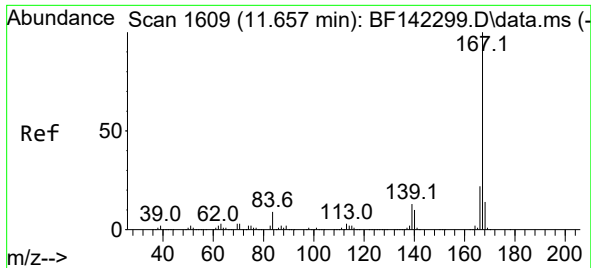
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.7 12.6 18.8

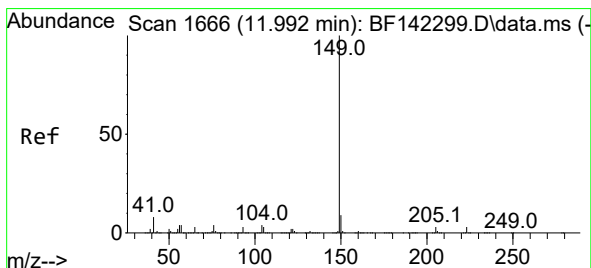
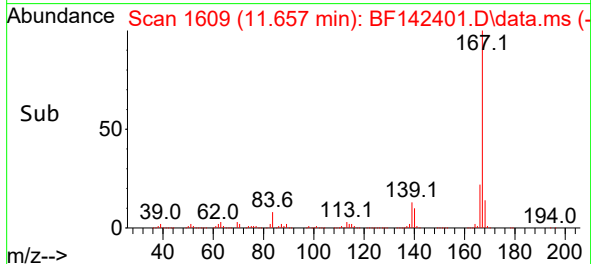
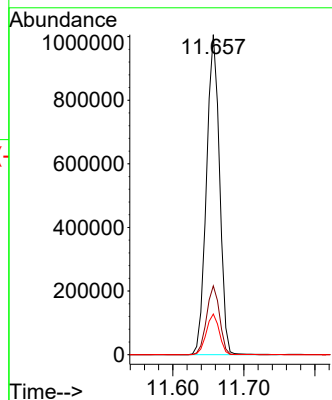
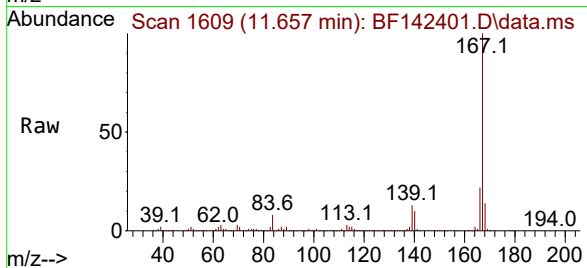




#73
 Carbazole
 Concen: 43.896 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. 0.000 min
 Lab File: BF142401.D
 Acq: 15 May 2025 19:38

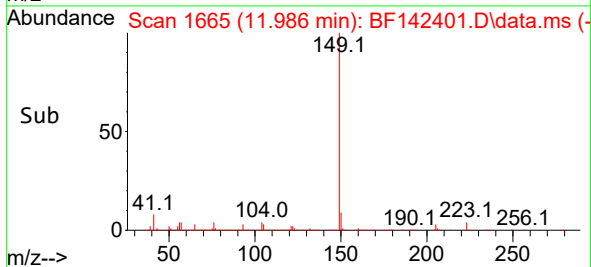
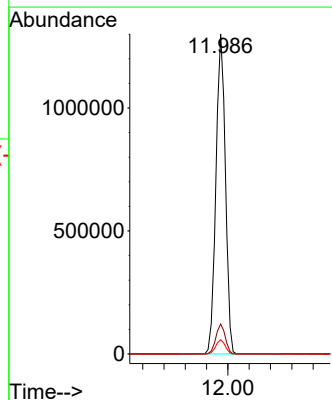
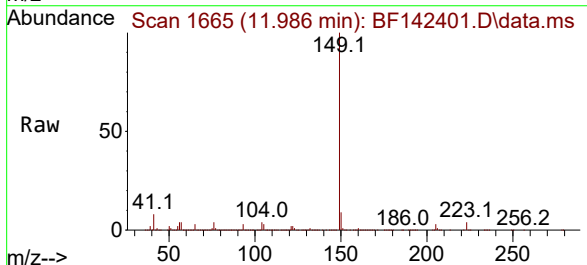
Instrument :
 BNA_F
 ClientSampleId :
 COMP-2MS

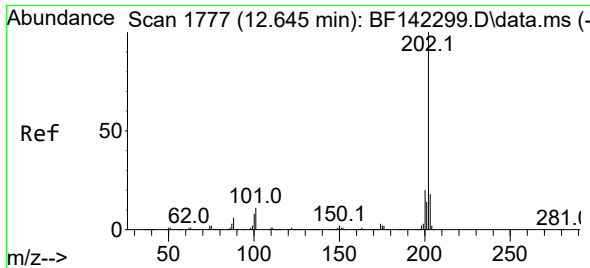
Tgt Ion:167 Resp: 1287636
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 12.7 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 51.807 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142401.D
 Acq: 15 May 2025 19:38

Tgt Ion:149 Resp: 1597989
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.4 3.6 5.4

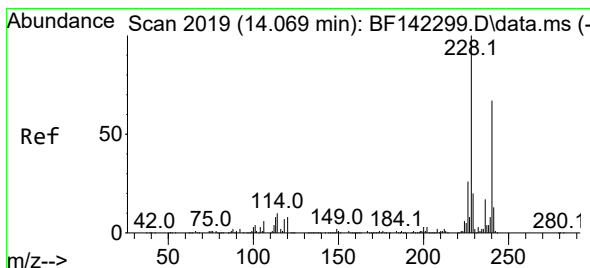
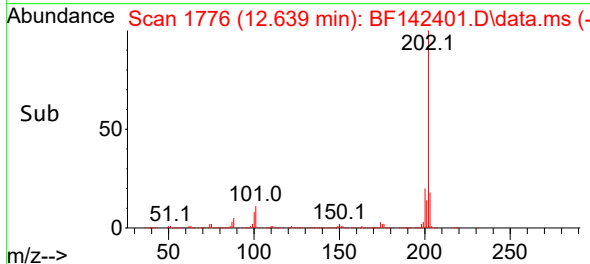
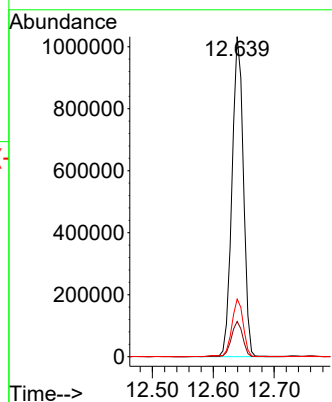
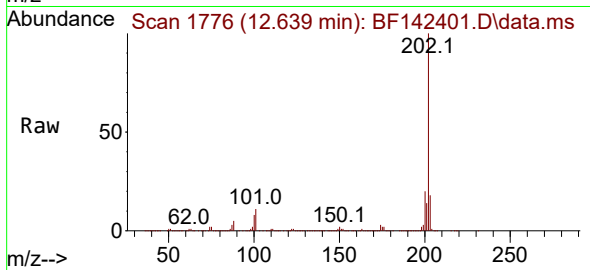




#75
Fluoranthene
Concen: 42.210 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

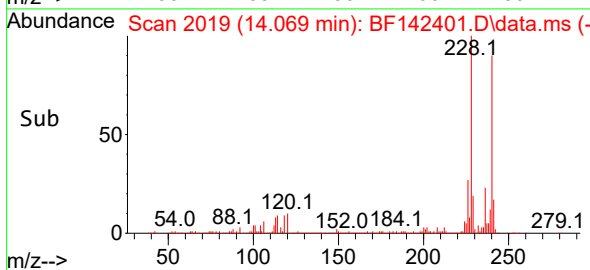
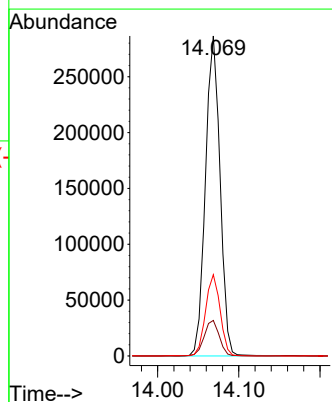
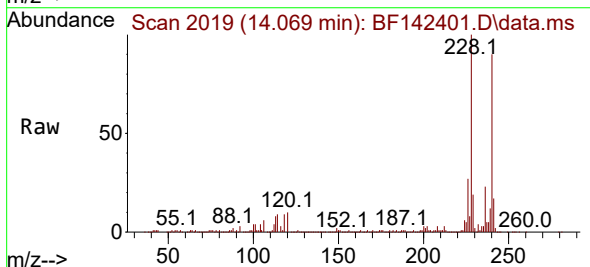
Instrument :
BNA_F
ClientSampleId :
COMP-2MS

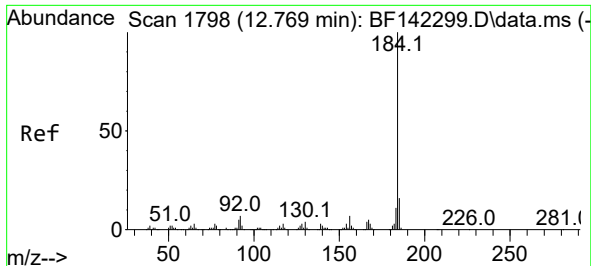
Tgt Ion:202 Resp: 1342667
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.4
203 18.0 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion:240 Resp: 356657
Ion Ratio Lower Upper
240 100
120 11.1 9.7 14.5
236 25.4 20.0 30.0

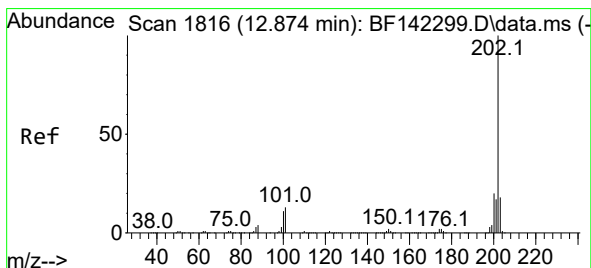
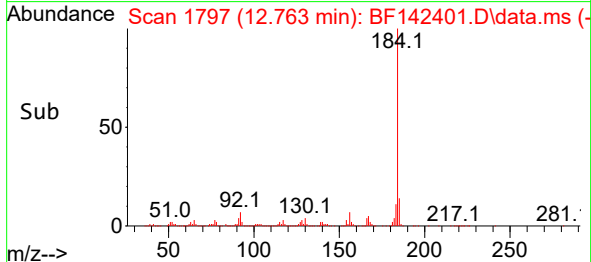
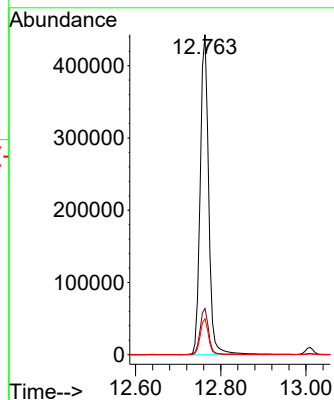
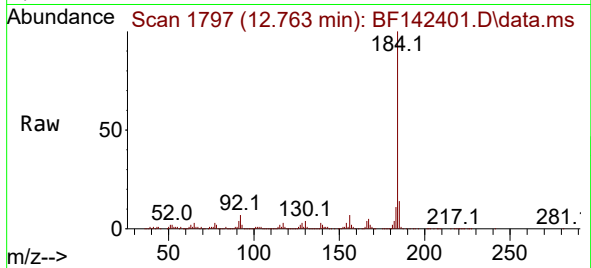




#77
Benzidine
Concen: 94.248 ng
RT: 12.763 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

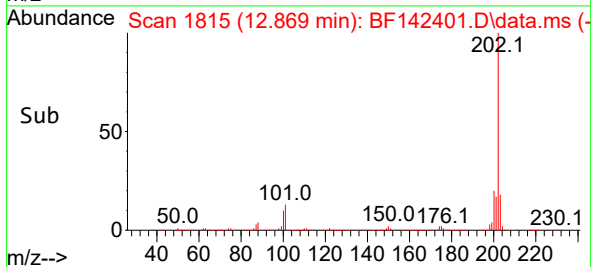
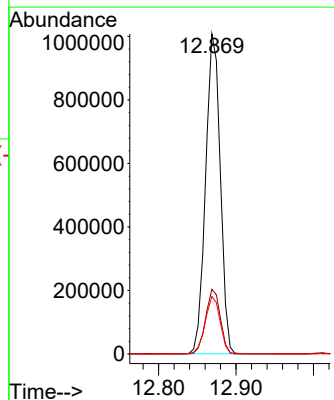
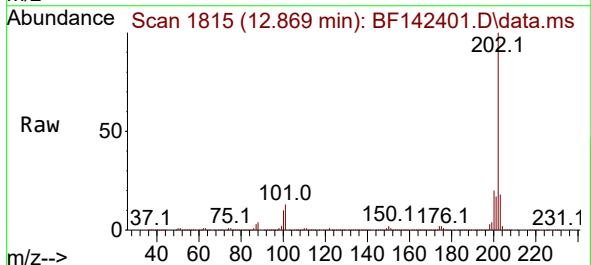
Instrument :
BNA_F
ClientSampleId :
COMP-2MS

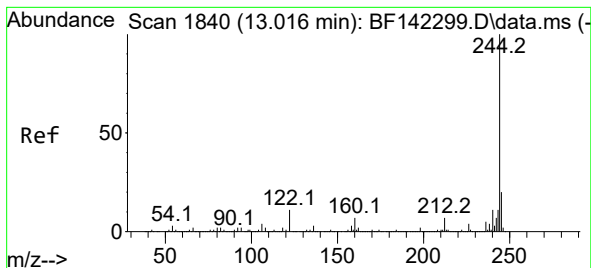
Tgt Ion:184 Resp: 610864
Ion Ratio Lower Upper
184 100
185 14.4 12.6 18.8
183 11.2 8.6 12.8



#78
Pyrene
Concen: 41.751 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion:202 Resp: 1325409
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.4
203 18.0 14.3 21.5





#79

Terphenyl-d14

Concen: 41.592 ng

RT: 13.010 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF142401.D

Acq: 15 May 2025 19:38

Instrument :

BNA_F

ClientSampleId :

COMP-2MS

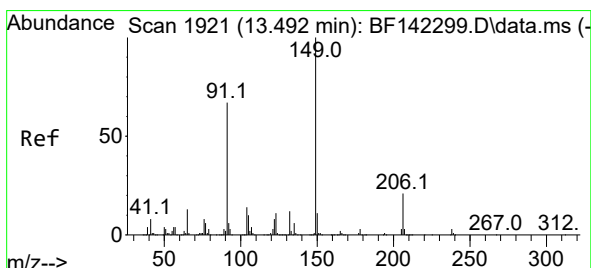
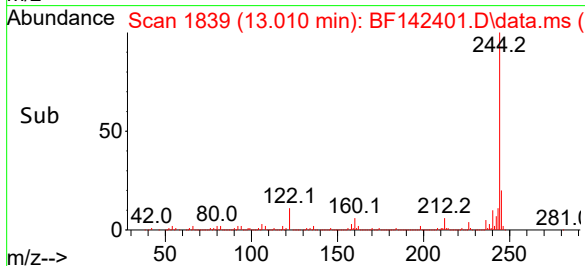
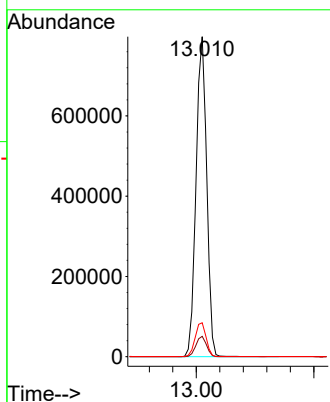
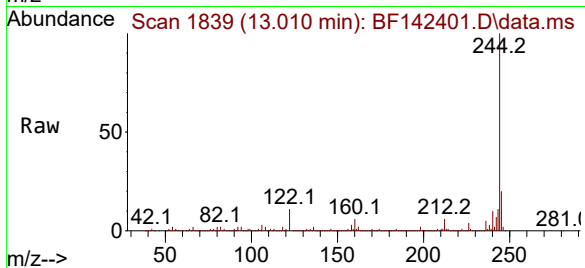
Tgt Ion:244 Resp: 1002228

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

122 10.6 9.0 13.4



#80

Butylbenzylphthalate

Concen: 56.811 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142401.D

Acq: 15 May 2025 19:38

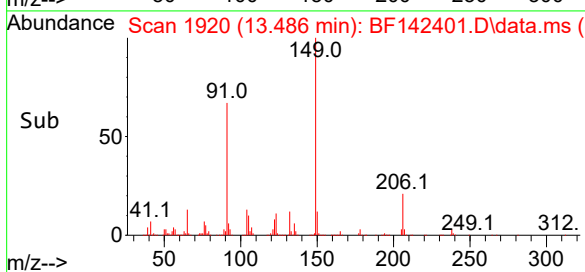
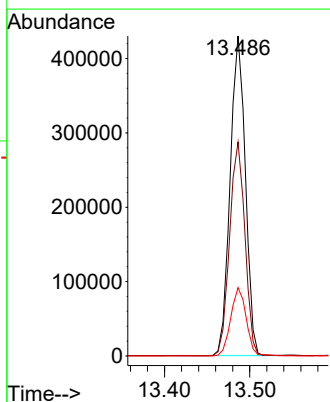
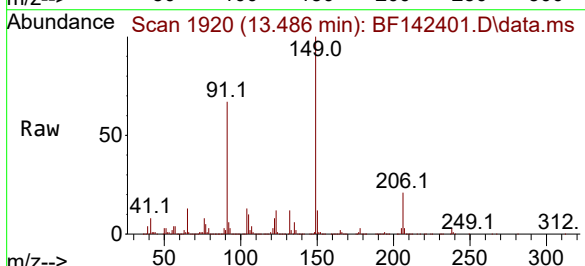
Tgt Ion:149 Resp: 533063

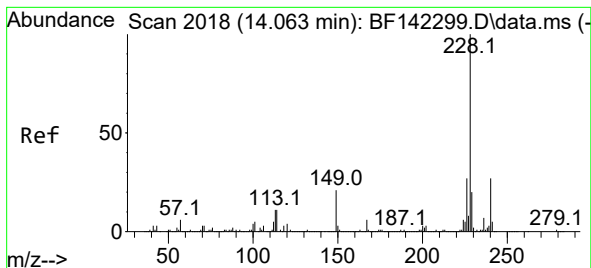
Ion Ratio Lower Upper

149 100

91 66.8 53.8 80.6

206 21.4 16.6 24.8





#81

Benzo(a)anthracene

Concen: 45.063 ng

RT: 14.057 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF142401.D

Acq: 15 May 2025 19:38

Instrument :

BNA_F

ClientSampleId :

COMP-2MS

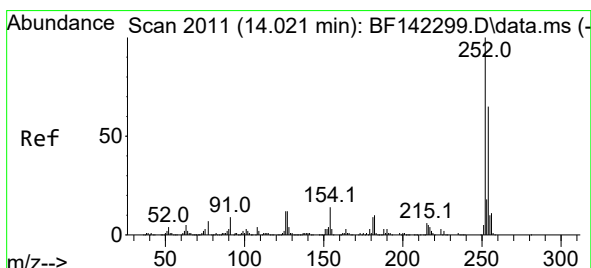
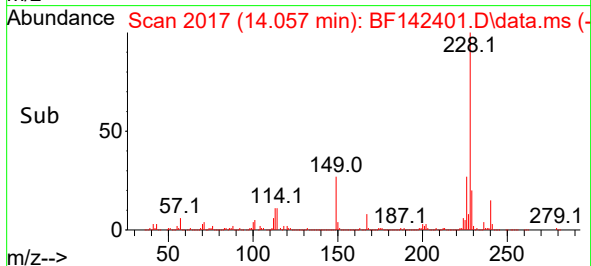
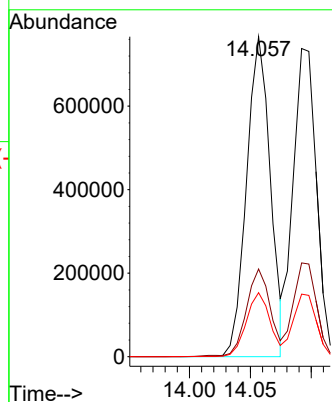
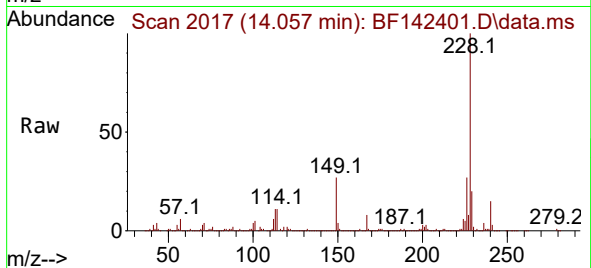
Tgt Ion:228 Resp: 1040847

Ion Ratio Lower Upper

228 100

226 27.4 21.5 32.3

229 20.0 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 43.833 ng

RT: 14.016 min Scan# 2010

Delta R.T. -0.005 min

Lab File: BF142401.D

Acq: 15 May 2025 19:38

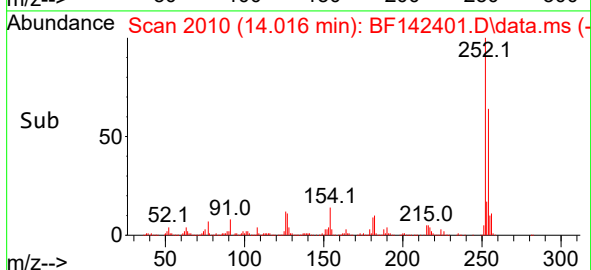
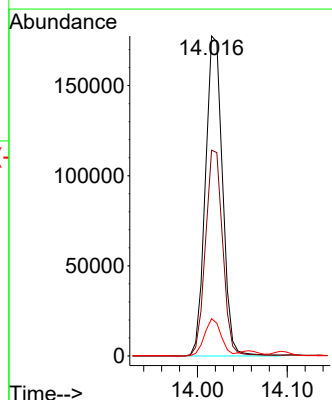
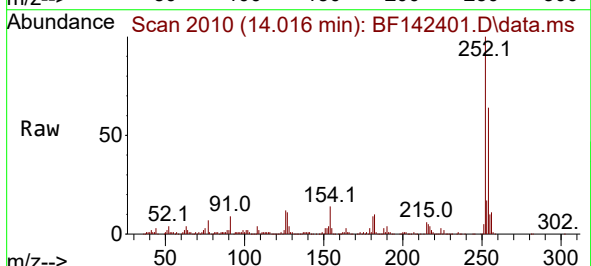
Tgt Ion:252 Resp: 235443

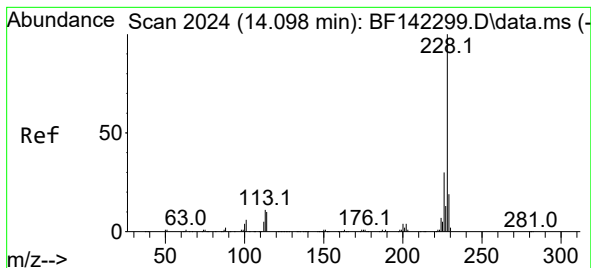
Ion Ratio Lower Upper

252 100

254 64.3 52.0 78.0

126 11.6 9.7 14.5





#83

Chrysene

Concen: 45.814 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142401.D

Acq: 15 May 2025 19:38

Instrument :

BNA_F

ClientSampleId :

COMP-2MS

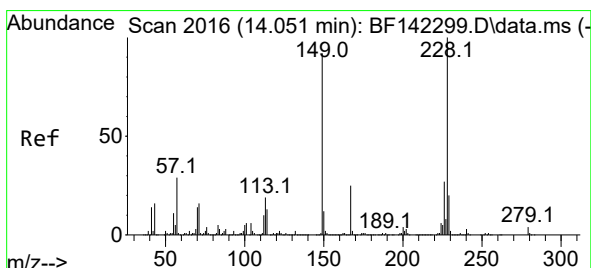
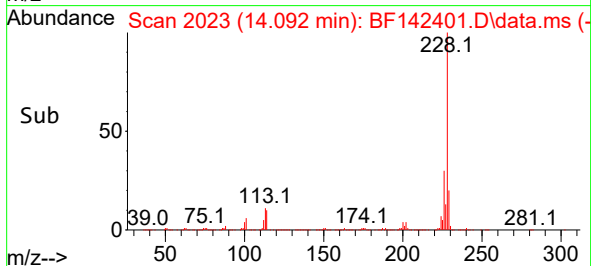
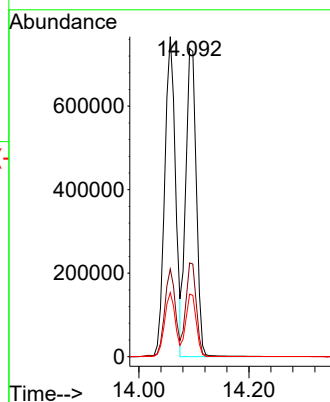
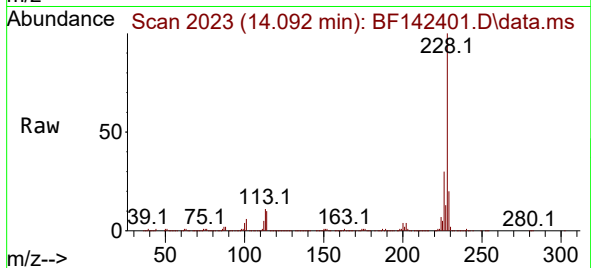
Tgt Ion:228 Resp: 985108

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 20.3 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.935 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142401.D

Acq: 15 May 2025 19:38

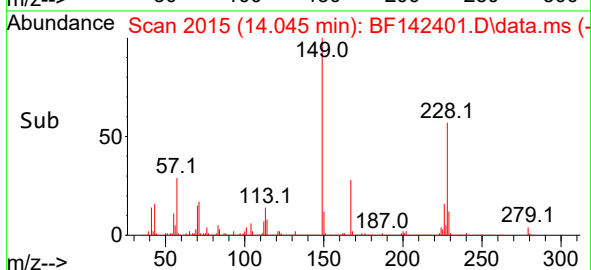
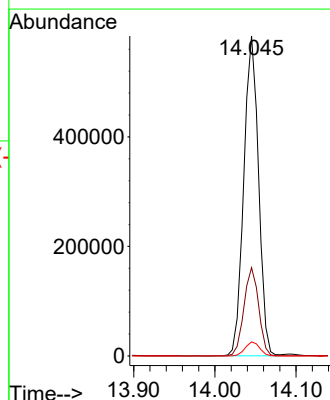
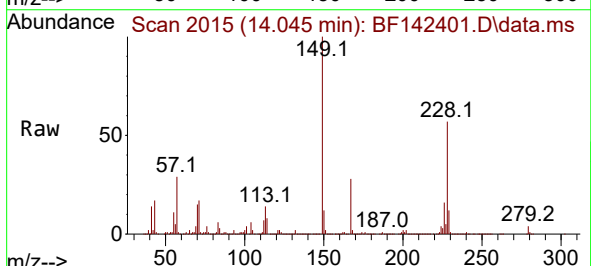
Tgt Ion:149 Resp: 737052

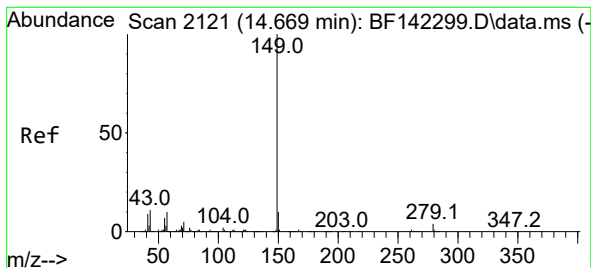
Ion Ratio Lower Upper

149 100

167 27.6 22.0 33.0

279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 53.644 ng

RT: 14.657 min Scan# 2119

Delta R.T. -0.012 min

Lab File: BF142401.D

Acq: 15 May 2025 19:38

Instrument :

BNA_F

ClientSampleId :

COMP-2MS

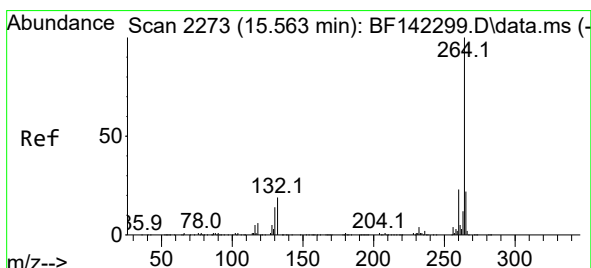
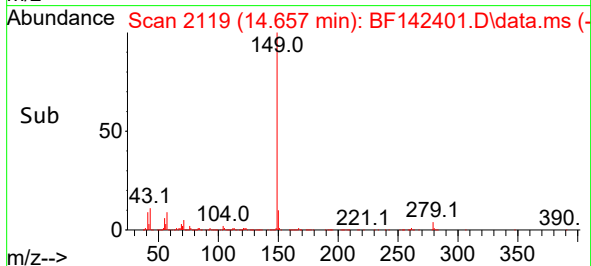
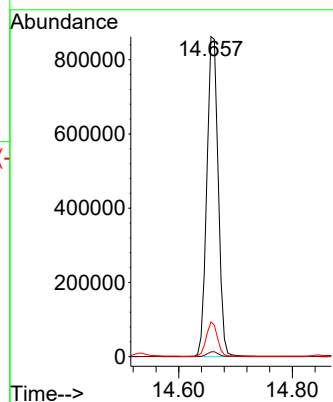
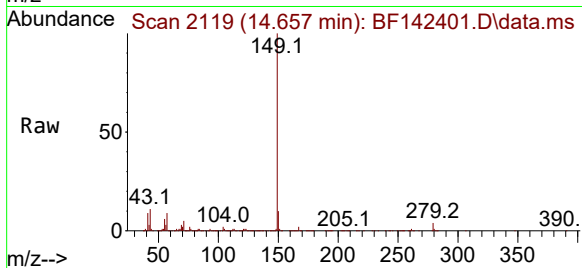
Tgt Ion:149 Resp: 1190867

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7#

43 10.6 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: BF142401.D

Acq: 15 May 2025 19:38

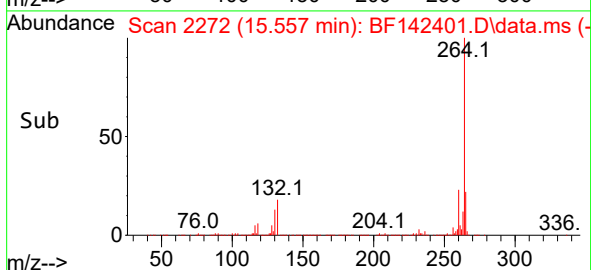
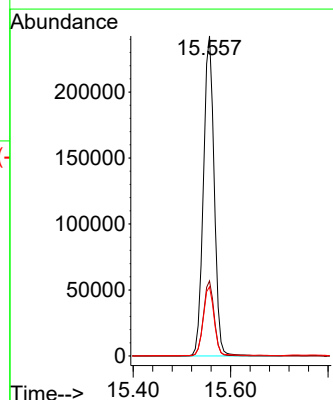
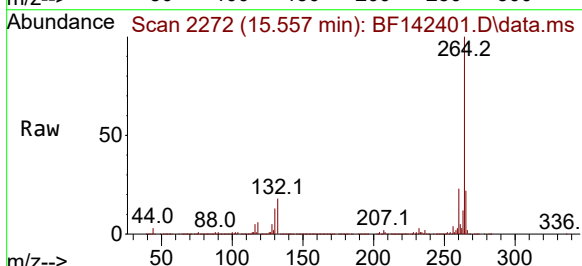
Tgt Ion:264 Resp: 373579

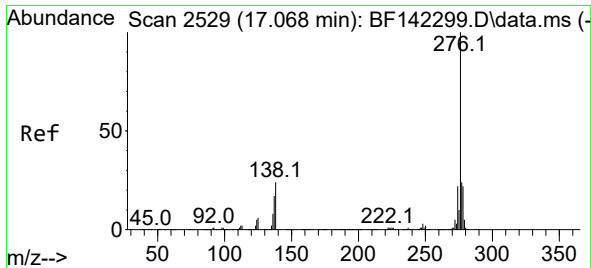
Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.6 17.5 26.3

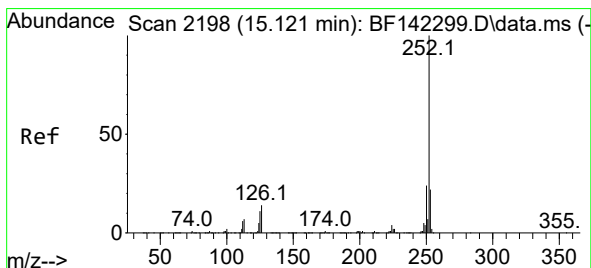
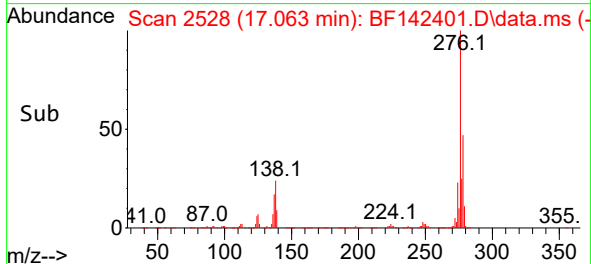
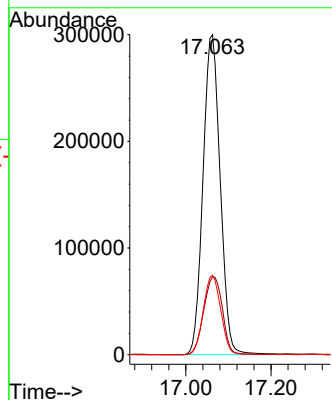
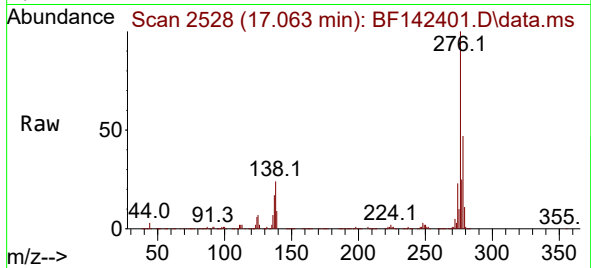




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 32.328 ng
 RT: 17.063 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF142401.D
 Acq: 15 May 2025 19:38

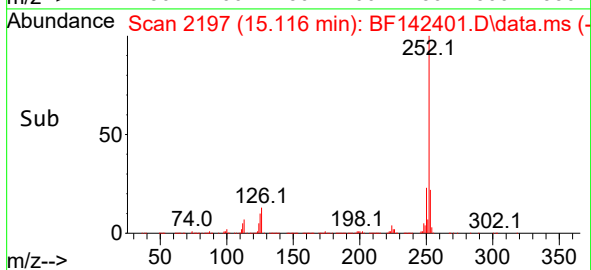
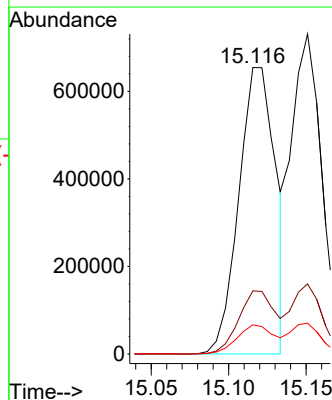
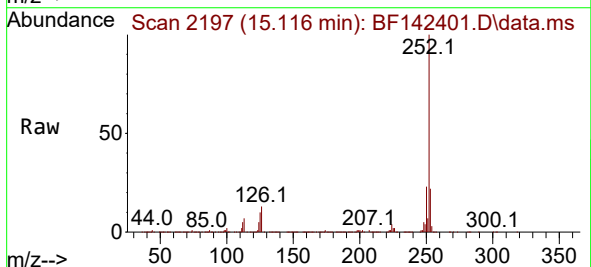
Instrument :
 BNA_F
 ClientSampleId :
 COMP-2MS

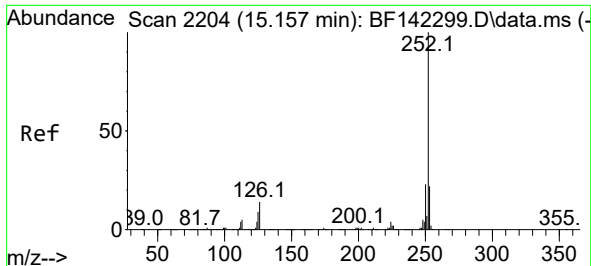
Tgt Ion:276 Resp: 840130
 Ion Ratio Lower Upper
 276 100
 138 26.6 22.0 33.0
 277 25.1 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 47.664 ng
 RT: 15.116 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF142401.D
 Acq: 15 May 2025 19:38

Tgt Ion:252 Resp: 1078461
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 10.1 8.7 13.1

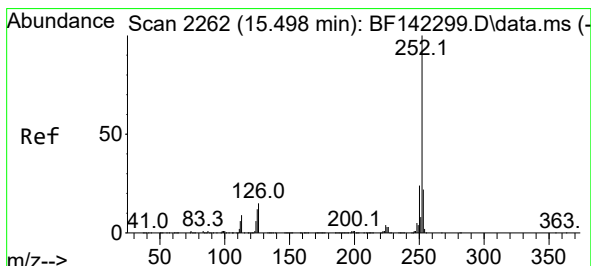
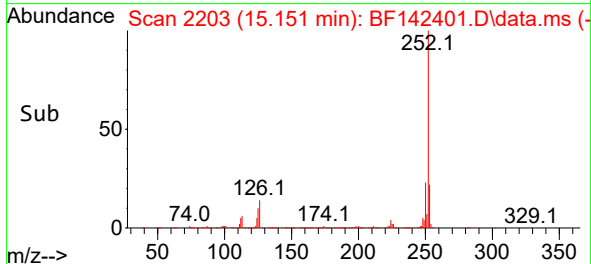
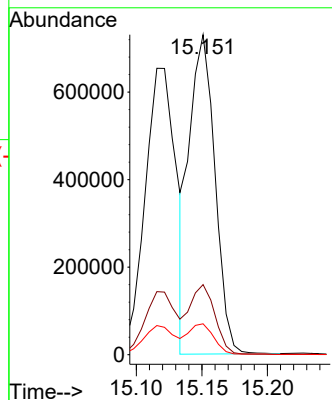
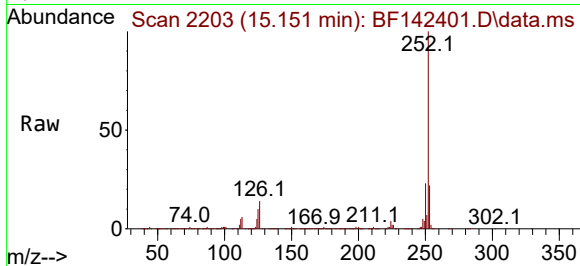




#89
Benzo(k)fluoranthene
Concen: 47.653 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

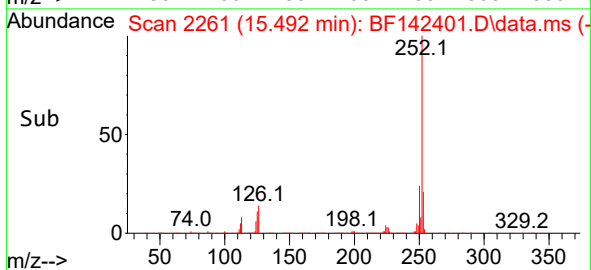
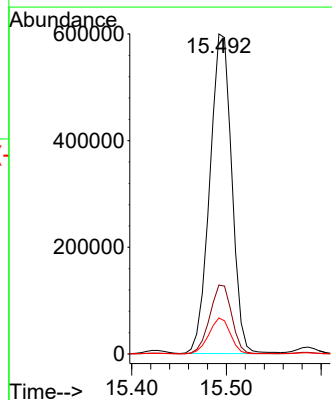
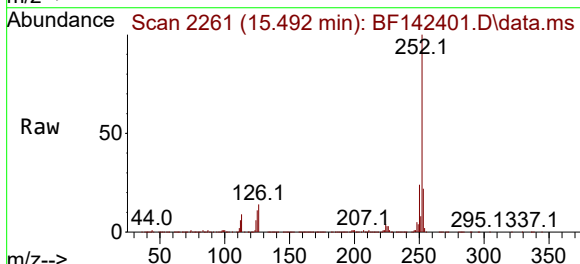
Instrument :
BNA_F
ClientSampleId :
COMP-2MS

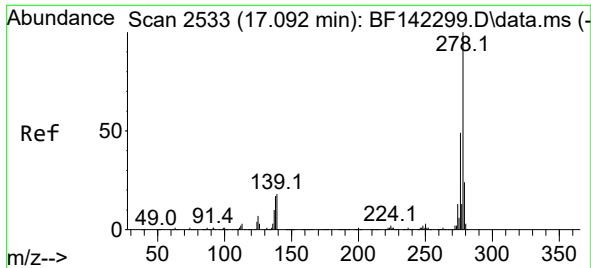
Tgt Ion:252 Resp: 986697
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.7 8.1 12.1



#90
Benzo(a)pyrene
Concen: 47.791 ng
RT: 15.492 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion:252 Resp: 968975
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 11.3 9.4 14.0

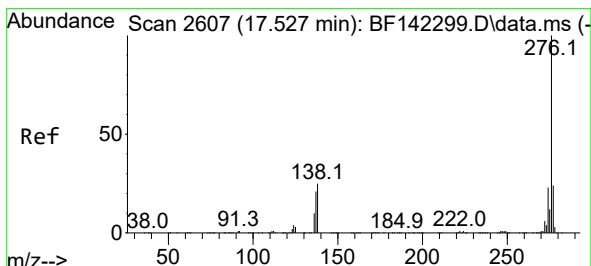
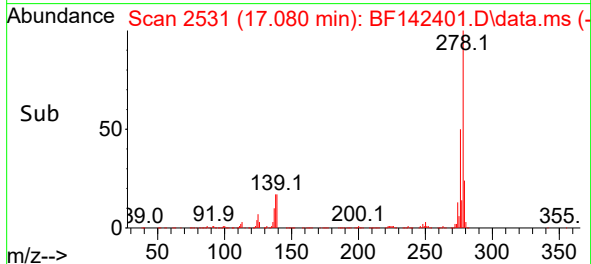
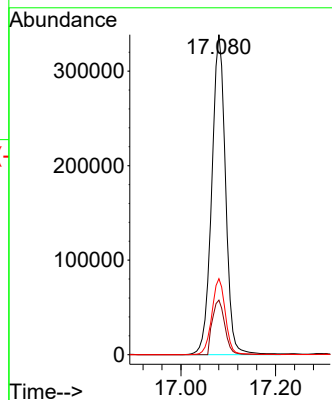
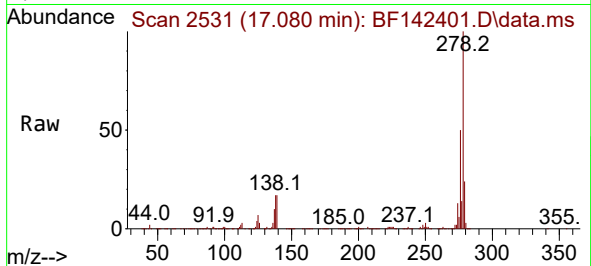




#91
Dibenzo(a,h)anthracene
Concen: 31.899 ng
RT: 17.080 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Instrument :
BNA_F
ClientSampleId :
COMP-2MS

Tgt Ion:278 Resp: 684859
Ion Ratio Lower Upper
278 100
139 17.0 14.5 21.7
279 23.8 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 29.665 ng
RT: 17.515 min Scan# 2605
Delta R.T. -0.012 min
Lab File: BF142401.D
Acq: 15 May 2025 19:38

Tgt Ion:276 Resp: 632118
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 23.0 19.8 29.6

