

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142666.D
 Acq On : 07 Jun 2025 02:38
 Operator : RC/JU
 Sample : PB168300BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168300BS

Quant Time: Jun 07 04:27:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	129746	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	499499	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	262463	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	403433	20.000	ng	0.00
76) Chrysene-d12	14.069	240	233944	20.000	ng	0.00
86) Perylene-d12	15.563	264	279650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	881649	114.482	ng	0.00
7) Phenol-d6	6.528	99	1062922	114.658	ng	0.00
23) Nitrobenzene-d5	7.457	82	654198	71.417	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	325003	111.570	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1388061	70.966	ng	-0.01
79) Terphenyl-d14	13.010	244	1094203	63.916	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	107007	34.723	ng	99
3) Pyridine	3.505	79	301721	38.447	ng	96
4) n-Nitrosodimethylamine	3.458	42	158935	39.006	ng	90
6) Aniline	6.557	93	436981	35.057	ng	98
8) 2-Chlorophenol	6.681	128	355566	42.389	ng	99
9) Benzaldehyde	6.446	77	182254	32.687	ng	99
10) Phenol	6.540	94	417929	40.066	ng	94
11) bis(2-Chloroethyl)ether	6.628	93	315811	42.059	ng	99
12) 1,3-Dichlorobenzene	6.834	146	376931	40.270	ng	99
13) 1,4-Dichlorobenzene	6.910	146	383021	40.624	ng	98
14) 1,2-Dichlorobenzene	7.063	146	372397	41.277	ng	99
15) Benzyl Alcohol	7.034	79	281480	41.087	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	511225	40.542	ng	97
17) 2-Methylphenol	7.146	107	274517	41.917	ng	98
18) Hexachloroethane	7.404	117	134293	40.790	ng	96
19) n-Nitroso-di-n-propyla...	7.310	70	227590	39.613	ng	96
20) 3+4-Methylphenols	7.298	107	333742	39.794	ng	98
22) Acetophenone	7.304	105	444849	40.231	ng	98
24) Nitrobenzene	7.481	77	335594	40.620	ng	98
25) Isophorone	7.716	82	627388	40.965	ng	98
26) 2-Nitrophenol	7.793	139	195562	44.300	ng	96
27) 2,4-Dimethylphenol	7.828	122	328360	42.178	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	399860	41.795	ng	99
29) 2,4-Dichlorophenol	8.034	162	299402	42.289	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	319279	41.553	ng	98
31) Naphthalene	8.198	128	1005481	40.881	ng	100
32) Benzoic acid	7.951	122	206323	43.537	ng	96
33) 4-Chloroaniline	8.245	127	255966	25.684	ng	99
34) Hexachlorobutadiene	8.316	225	193395	40.310	ng	99
35) Caprolactam	8.616	113	61956	31.158	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	293804	40.492	ng	96
37) 2-Methylnaphthalene	8.892	142	627018	40.523	ng	99
38) 1-Methylnaphthalene	8.992	142	646049	40.365	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	320694	42.565	ng	99
41) Hexachlorocyclopentadiene	9.045	237	402119	79.119	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	220896	43.480	ng	97

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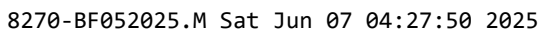
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	220515	41.156	ng	99
46) 1,1'-Biphenyl	9.357	154	842212	41.361	ng	99
47) 2-Chloronaphthalene	9.381	162	627233	41.692	ng	99
48) 2-Nitroaniline	9.475	65	184636	42.460	ng	100
49) Acenaphthylene	9.798	152	1043369	41.072	ng	100
50) Dimethylphthalate	9.657	163	733616	42.361	ng	99
51) 2,6-Dinitrotoluene	9.722	165	160344	42.898	ng	97
52) Acenaphthene	9.969	154	697388	44.958	ng	99
53) 3-Nitroaniline	9.886	138	127748	31.291	ng	97
54) 2,4-Dinitrophenol	9.998	184	181814	94.151	ng	92
55) Dibenzofuran	10.145	168	909898	40.762	ng	98
56) 4-Nitrophenol	10.051	139	241423	80.145	ng	97
57) 2,4-Dinitrotoluene	10.122	165	214308	43.903	ng	99
58) Fluorene	10.486	166	683464	39.632	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	184952	41.349	ng	97
60) Diethylphthalate	10.357	149	699405	41.351	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	339739	40.104	ng	98
62) 4-Nitroaniline	10.504	138	151273	40.855	ng	96
63) Azobenzene	10.639	77	611635	40.261	ng	98
65) 4,6-Dinitro-2-methylph...	10.534	198	113352	50.346	ng	97
66) n-Nitrosodiphenylamine	10.598	169	602700	43.667	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	208232	43.652	ng	98
68) Hexachlorobenzene	11.033	284	228522	43.313	ng	99
69) Atrazine	11.122	200	174225	47.531	ng	99
70) Pentachlorophenol	11.228	266	241415	81.045	ng	99
71) Phenanthrene	11.451	178	892053	41.375	ng	100
72) Anthracene	11.504	178	922552	41.927	ng	99
73) Carbazole	11.657	167	772090	41.045	ng	100
74) Di-n-butylphthalate	11.980	149	906917	44.046	ng	99
75) Fluoranthene	12.639	202	790820	39.255	ng	98
77) Benzidine	12.757	184	414338	47.594	ng	100
78) Pyrene	12.869	202	785626	35.999	ng	99
80) Butylbenzylphthalate	13.480	149	292418	48.492	ng	99
81) Benzo(a)anthracene	14.057	228	680299	43.548	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	152060	32.092	ng	99
83) Chrysene	14.092	228	628994	44.810	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	428082	55.454	ng	99
85) Di-n-octyl phthalate	14.657	149	782489	51.840	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	752852	35.860	ng	99
88) Benzo(b)fluoranthene	15.121	252	703727	42.519	ng	98
89) Benzo(k)fluoranthene	15.151	252	714412	46.086	ng	99
90) Benzo(a)pyrene	15.498	252	692675	44.400	ng	98
91) Dibenzo(a,h)anthracene	17.092	278	615458	36.145	ng	99
92) Benzo(g,h,i)perylene	17.533	276	575762	33.807	ng	98

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

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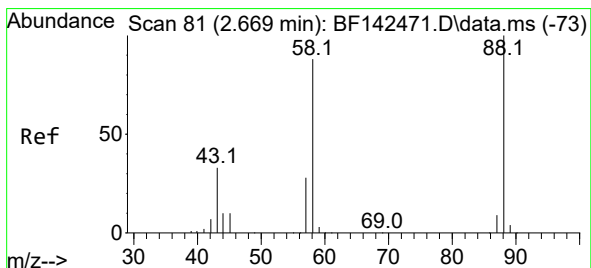
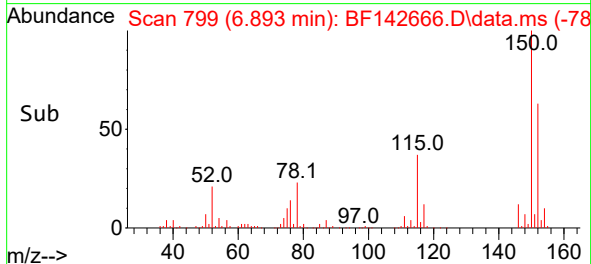
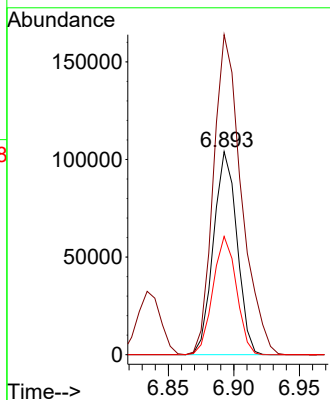
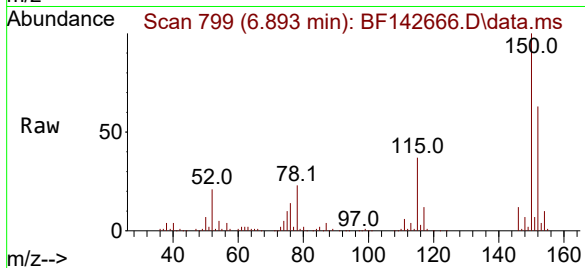




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF142666.D
 Acq: 07 Jun 2025 02:38

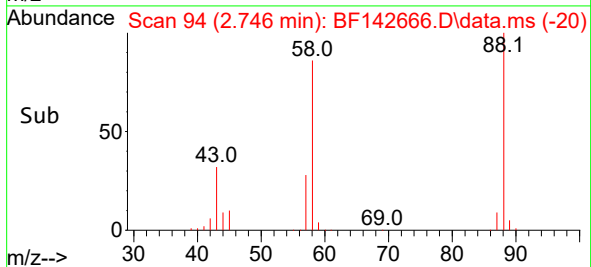
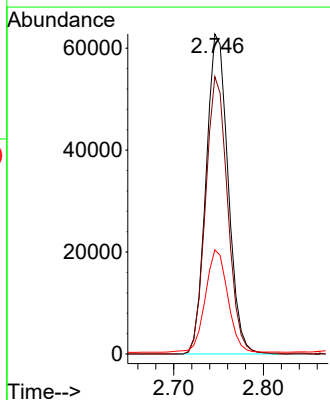
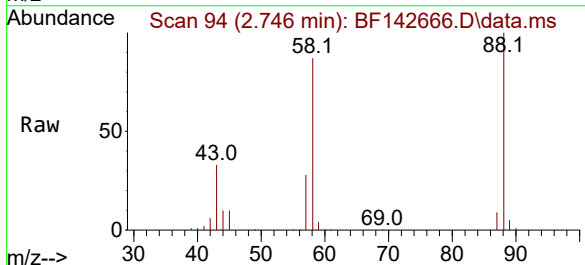
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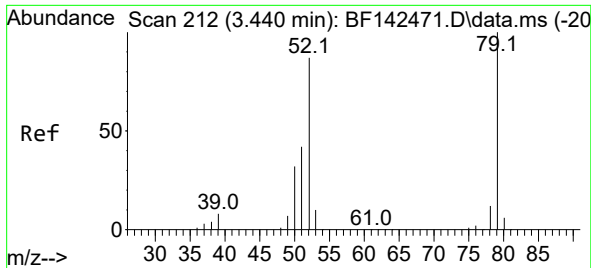
Tgt Ion:152 Resp: 129746
 Ion Ratio Lower Upper
 152 100
 150 157.6 128.2 192.4
 115 58.3 48.3 72.5



#2
 1,4-Dioxane
 Concen: 34.723 ng
 RT: 2.746 min Scan# 94
 Delta R.T. 0.083 min
 Lab File: BF142666.D
 Acq: 07 Jun 2025 02:38

Tgt Ion: 88 Resp: 107007
 Ion Ratio Lower Upper
 88 100
 58 86.8 70.8 106.2
 43 33.1 26.6 40.0

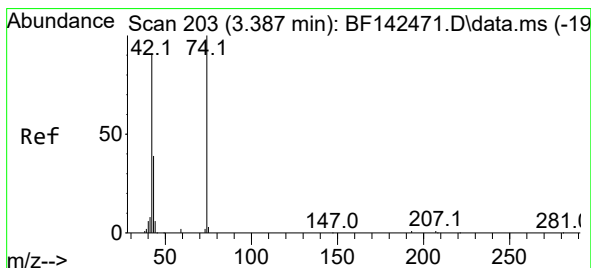
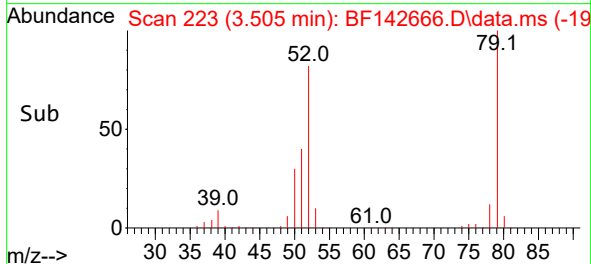
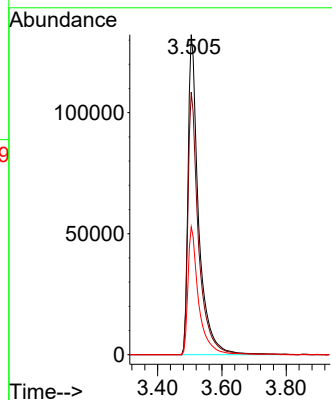
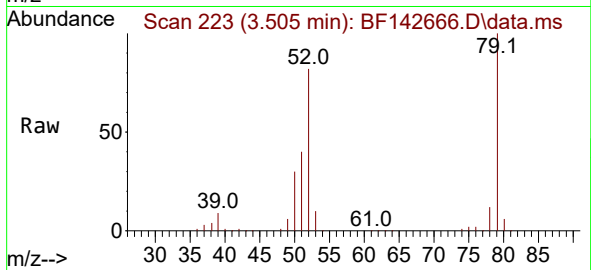




#3
Pyridine
Concen: 38.447 ng
RT: 3.505 min Scan# 212
Delta R.T. 0.065 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

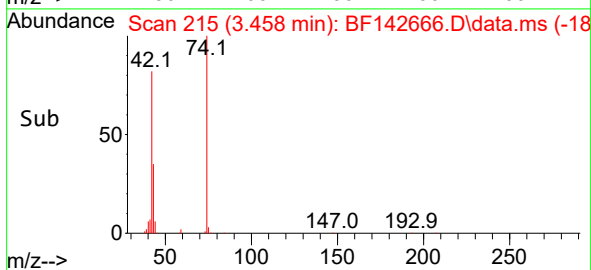
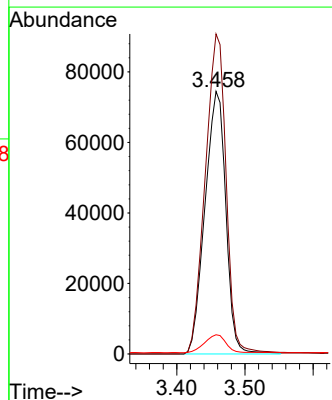
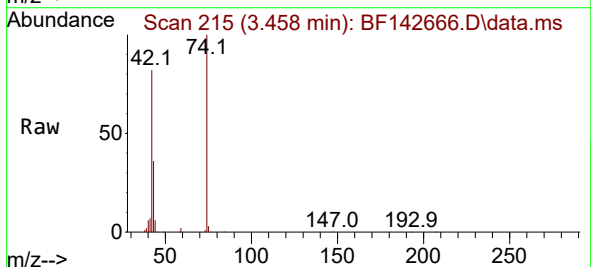
Instrument :
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ClientSampleId :
PB168300BS

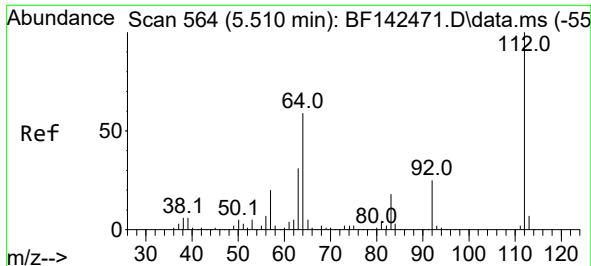
Tgt Ion: 79 Resp: 301721
Ion Ratio Lower Upper
79 100
52 82.1 69.2 103.8
51 40.0 33.3 49.9



#4
n-Nitrosodimethylamine
Concen: 39.006 ng
RT: 3.458 min Scan# 215
Delta R.T. 0.053 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion: 42 Resp: 158935
Ion Ratio Lower Upper
42 100
74 121.9 88.2 132.4
44 7.3 5.4 8.2

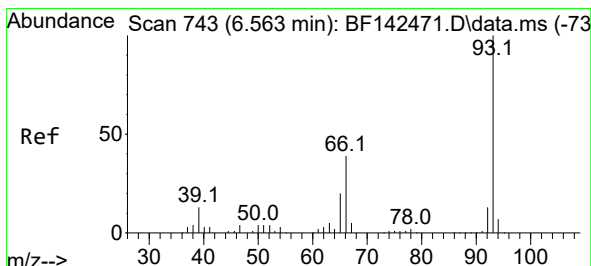
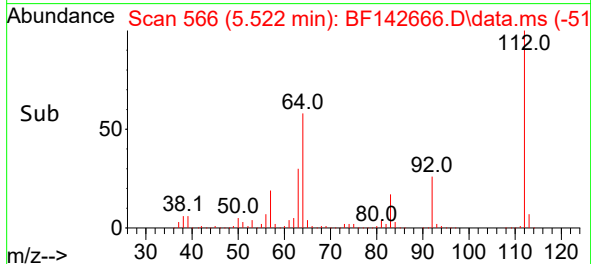
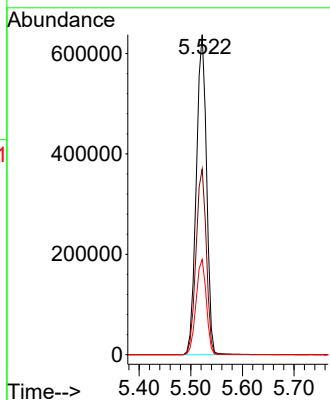
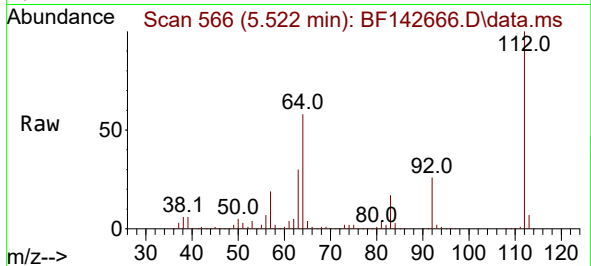




#5
2-Fluorophenol
Concen: 114.482 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

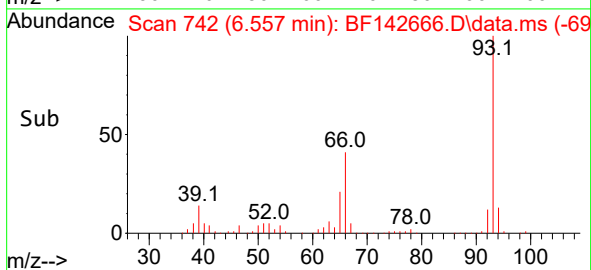
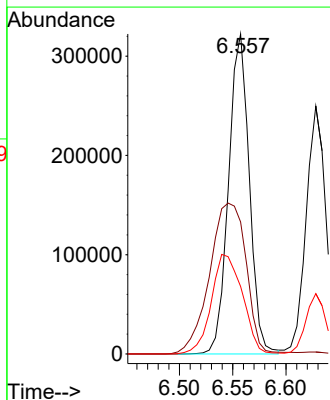
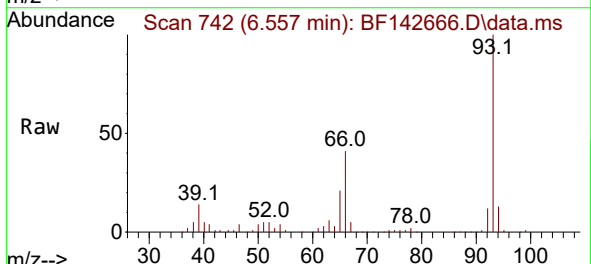
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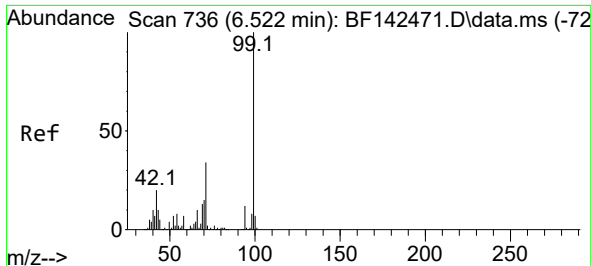
Tgt Ion:112 Resp: 881649
Ion Ratio Lower Upper
112 100
64 58.0 47.5 71.3
63 29.8 24.9 37.3



#6
Aniline
Concen: 35.057 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion: 93 Resp: 436981
Ion Ratio Lower Upper
93 100
66 41.3 32.0 48.0
65 21.1 16.1 24.1



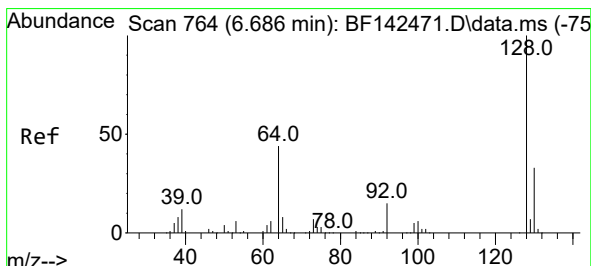
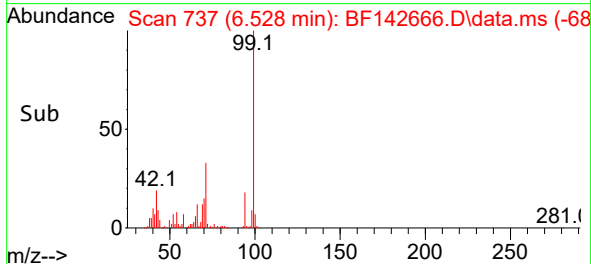
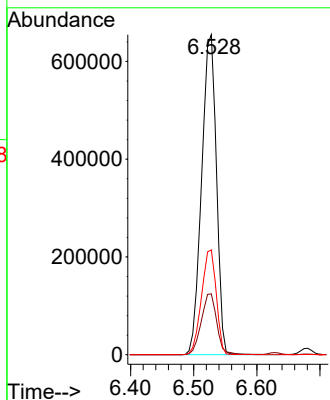
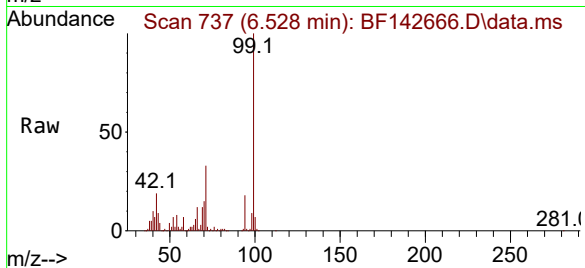


#7
Phenol-d6
Concen: 114.658 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Instrument :
BNA_F
ClientSampleId :
PB168300BS

Tgt Ion: 99 Resp: 1062922

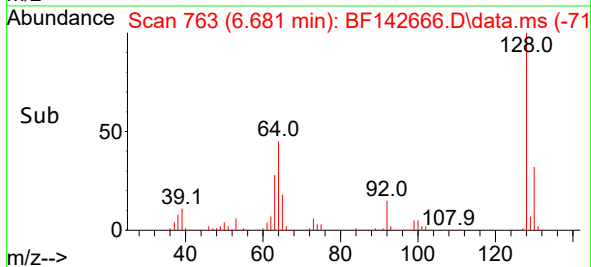
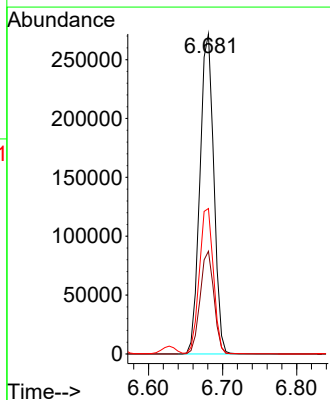
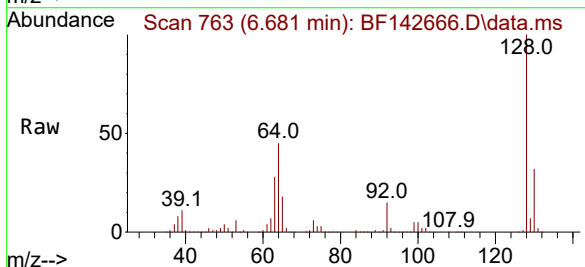
Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.2	24.2
71	32.8	27.3	40.9

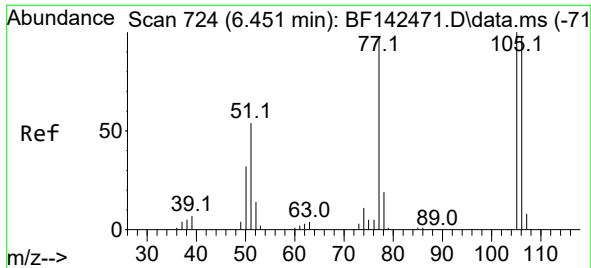


#8
2-Chlorophenol
Concen: 42.389 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion: 128 Resp: 355566

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.6	52.6
64	45.4	25.1	65.1

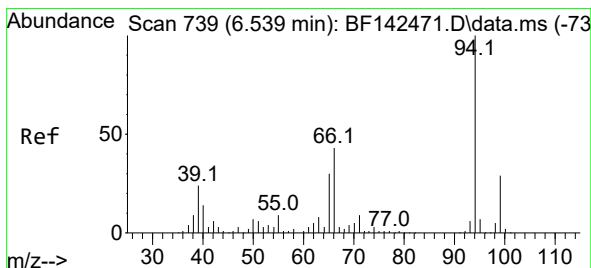
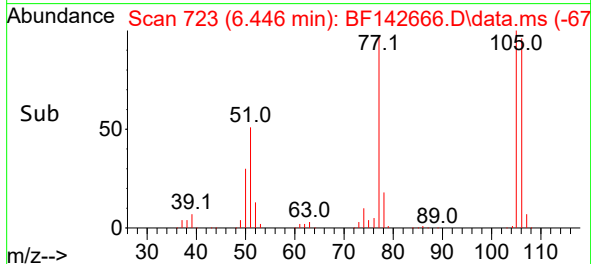
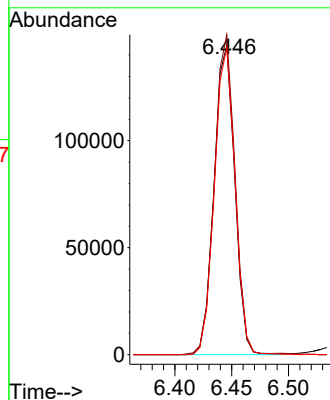
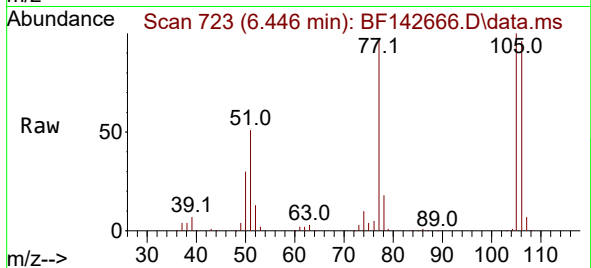




#9
Benzaldehyde
Concen: 32.687 ng
RT: 6.446 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142666.D
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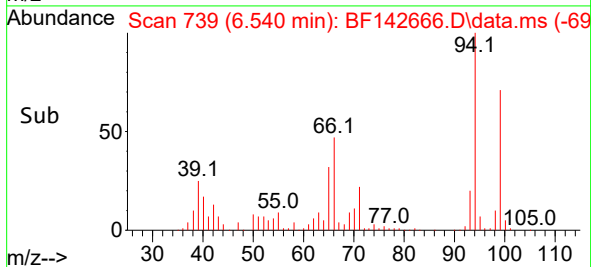
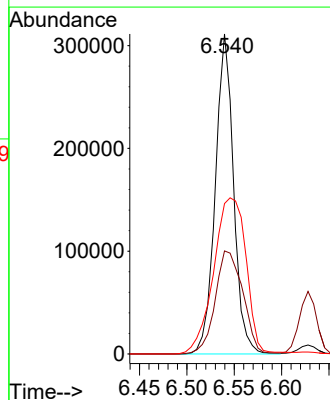
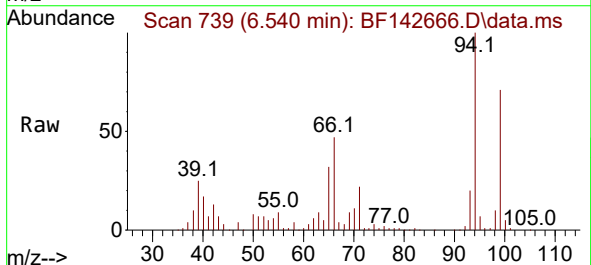
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ClientSampleId :
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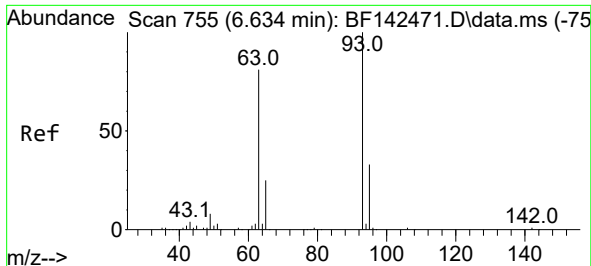
Tgt Ion: 77 Resp: 182254
Ion Ratio Lower Upper
77 100
105 103.4 82.5 122.5
106 99.2 80.0 120.0



#10
Phenol
Concen: 40.066 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion: 94 Resp: 417929
Ion Ratio Lower Upper
94 100
65 32.2 10.3 50.3
66 47.0 22.6 62.6

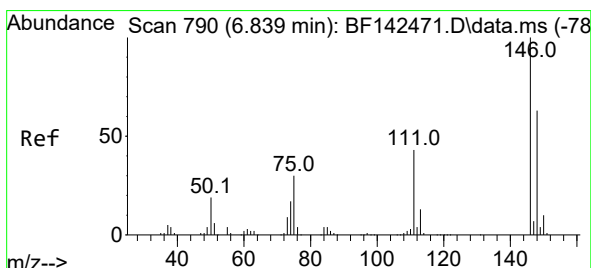
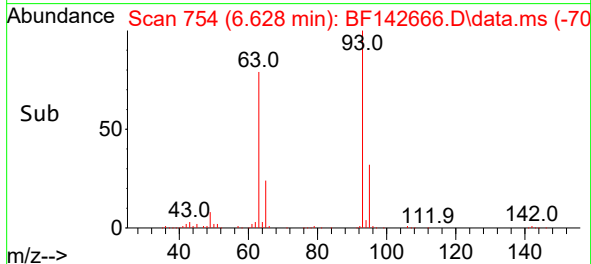
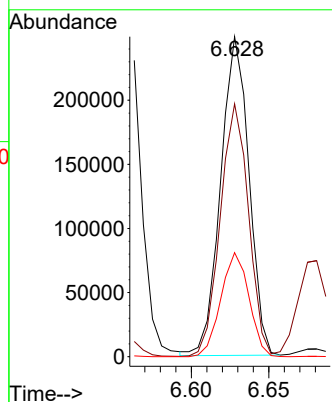
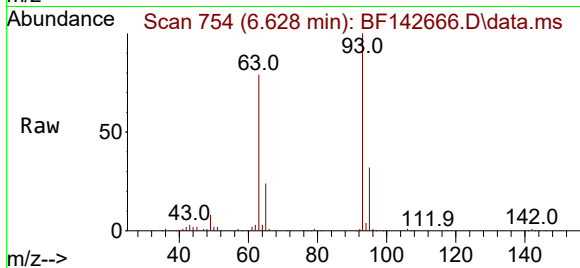




#11
bis(2-Chloroethyl)ether
Concen: 42.059 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

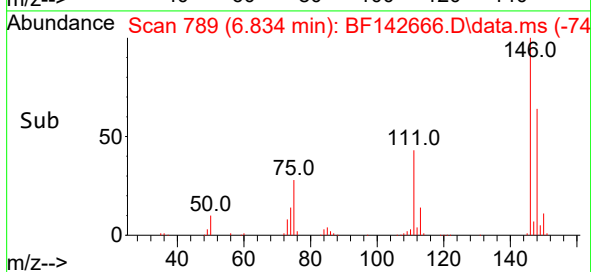
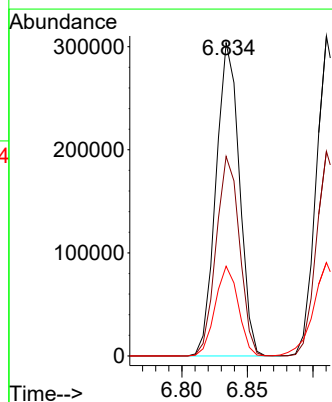
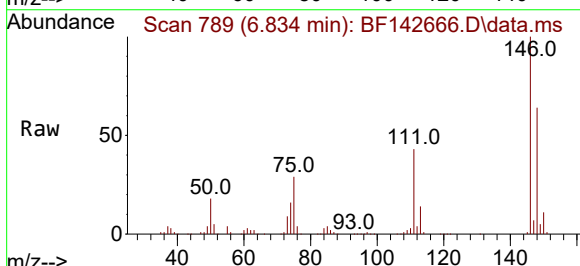
Instrument :
BNA_F
ClientSampleId :
PB168300BS

Tgt Ion: 93 Resp: 315811
Ion Ratio Lower Upper
93 100
63 79.0 60.2 100.2
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 40.270 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion:146 Resp: 376931
Ion Ratio Lower Upper
146 100
148 63.7 50.6 75.8
75 28.7 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 40.624 ng

RT: 6.910 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF142666.D

Acq: 07 Jun 2025 02:38

Instrument :

BNA_F

ClientSampleId :

PB168300BS

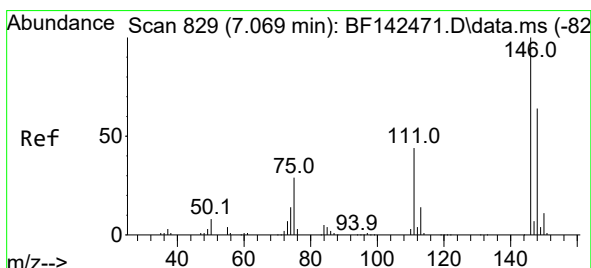
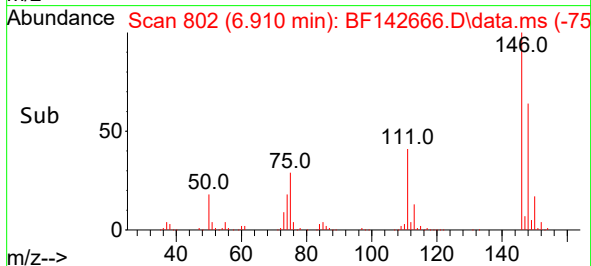
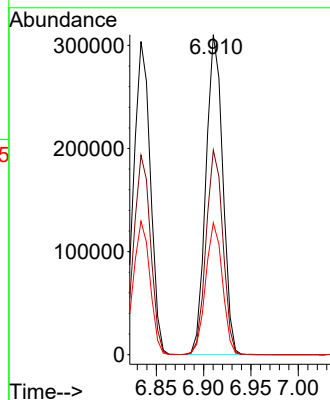
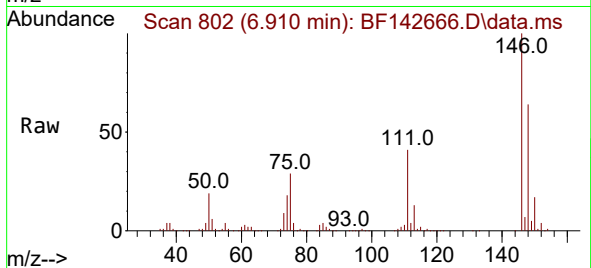
Tgt Ion:146 Resp: 383021

Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

111 41.2 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 41.277 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.012 min

Lab File: BF142666.D

Acq: 07 Jun 2025 02:38

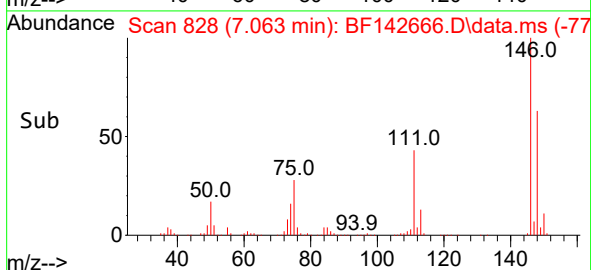
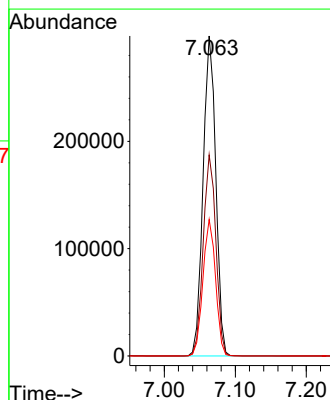
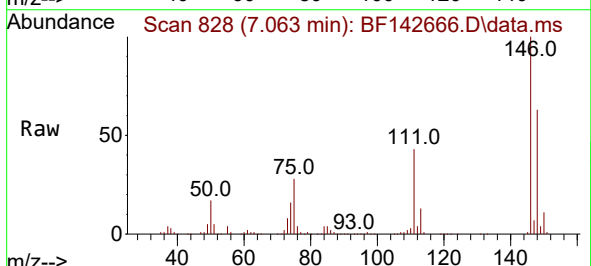
Tgt Ion:146 Resp: 372397

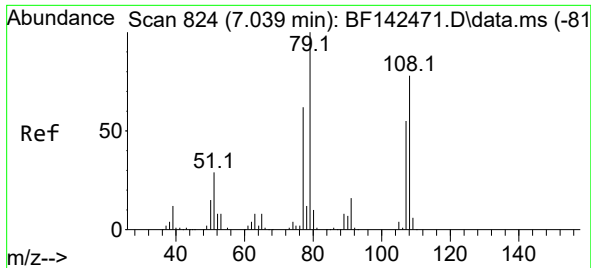
Ion Ratio Lower Upper

146 100

148 62.9 51.0 76.4

111 42.6 35.0 52.6

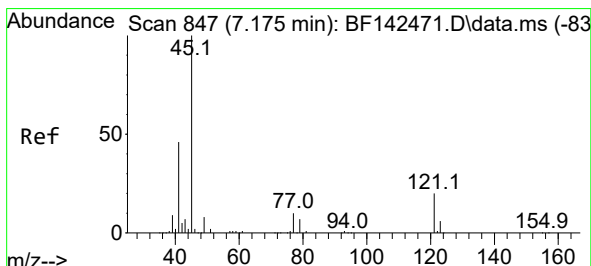
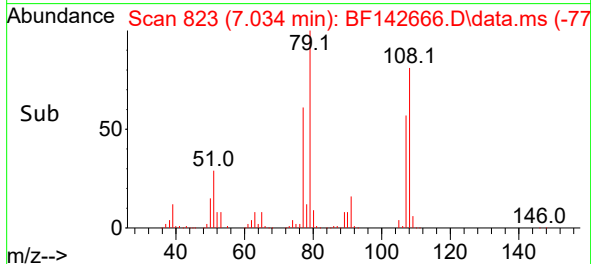
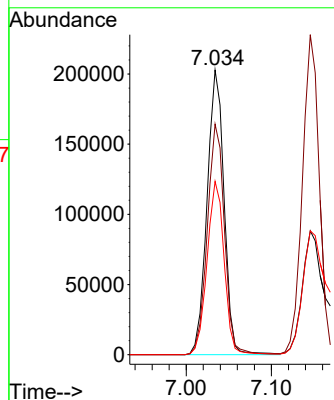
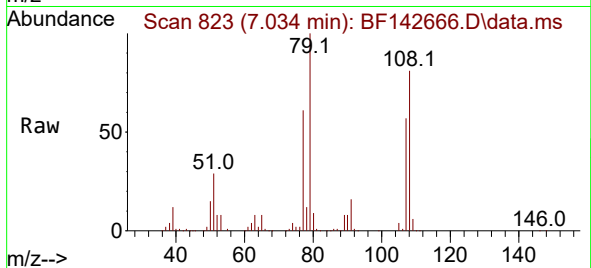




#15
Benzyl Alcohol
Concen: 41.087 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

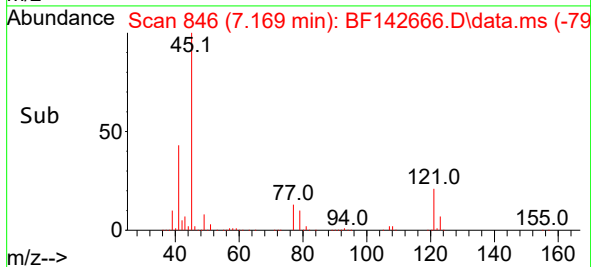
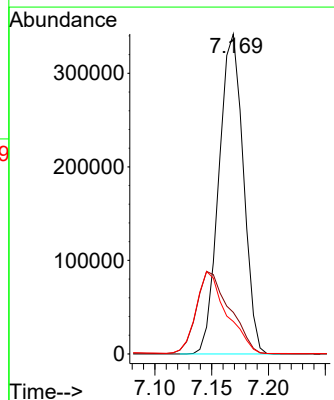
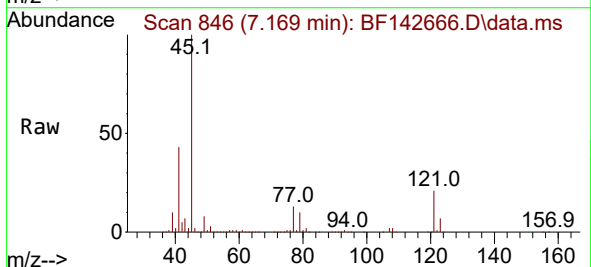
Instrument :
BNA_F
ClientSampleId :
PB168300BS

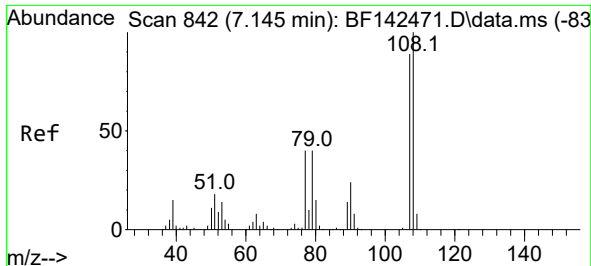
Tgt Ion: 79 Resp: 281480
Ion Ratio Lower Upper
79 100
108 81.0 62.1 93.1
77 60.9 49.5 74.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.542 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

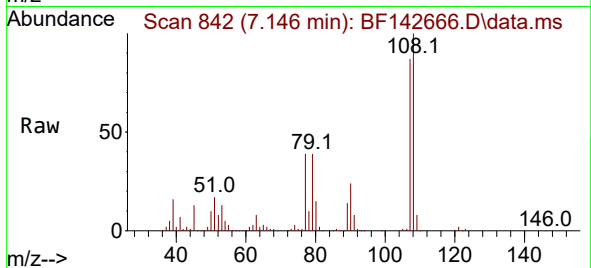
Tgt Ion: 45 Resp: 511225
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.0
79 10.1 0.0 29.2



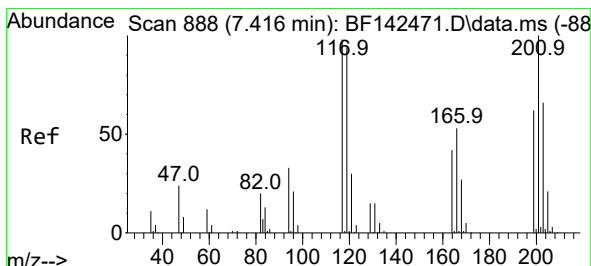
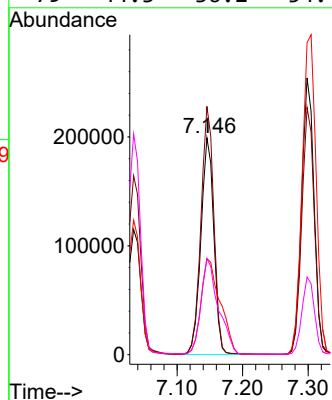
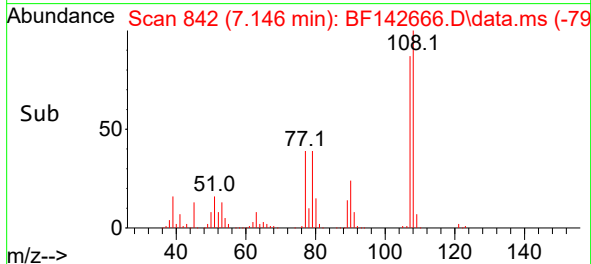


#17
2-Methylphenol
Concen: 41.917 ng
RT: 7.146 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

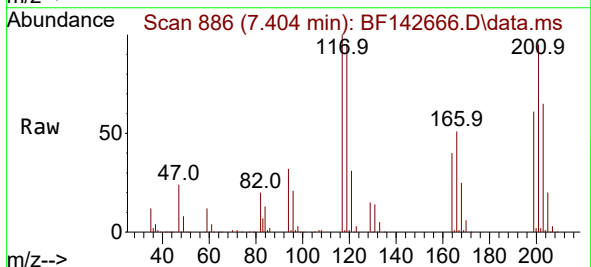
Instrument :
BNA_F
ClientSampleId :
PB168300BS



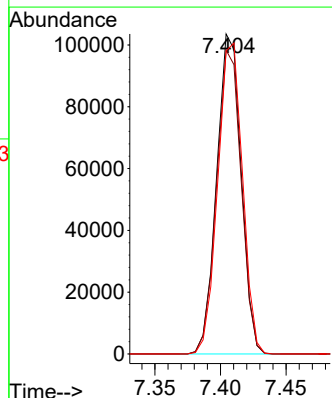
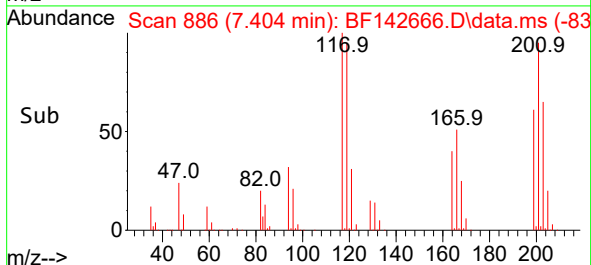
Tgt Ion:	107	Resp:	274517
Ion	Ratio	Lower	Upper
107	100		
108	114.5	90.2	135.2
77	44.3	36.1	54.1
79	44.3	36.2	54.4



#18
Hexachloroethane
Concen: 40.790 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38



Tgt Ion:	117	Resp:	134293
Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.6	114.8
201	94.7	81.3	121.9



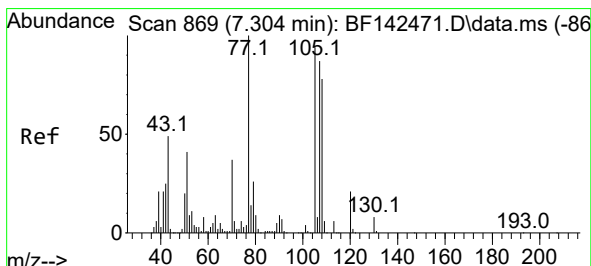
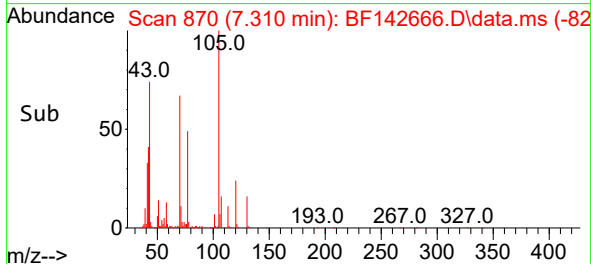
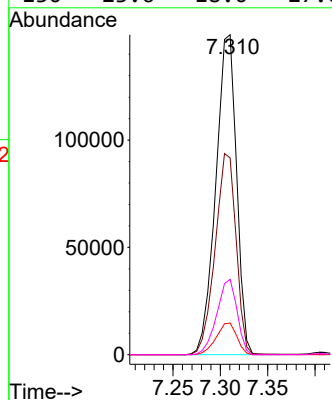
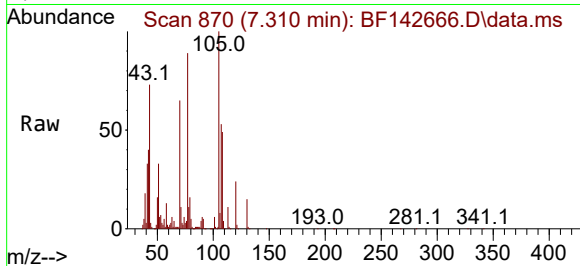


#19
n-Nitroso-di-n-propylamine
Concen: 39.613 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.017 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Instrument :
BNA_F
ClientSampleId :
PB168300BS

Tgt Ion: 70 Resp: 227590

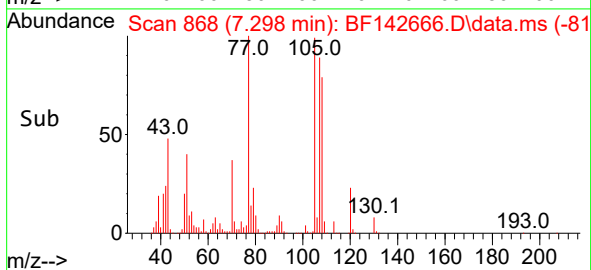
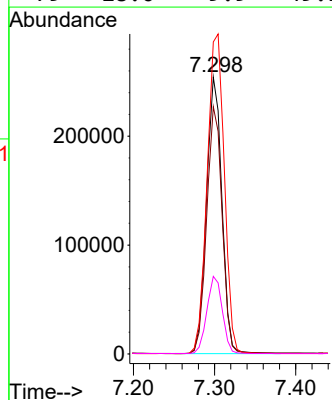
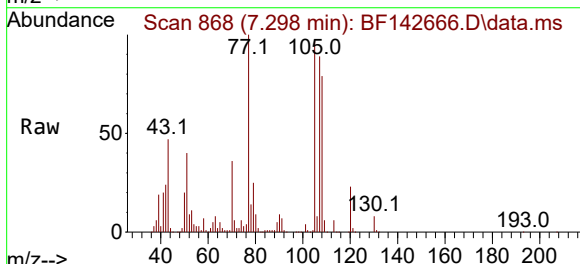
Ion	Ratio	Lower	Upper
70	100		
42	61.5	52.4	78.6
101	9.9	7.8	11.8
130	23.6	18.0	27.0

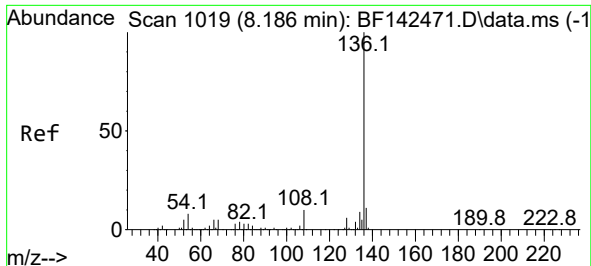


#20
3+4-Methylphenols
Concen: 39.794 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion: 107 Resp: 333742

Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.4	110.4
77	112.7	95.4	135.4
79	28.0	9.9	49.9

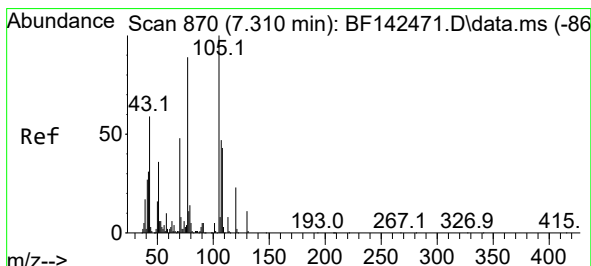
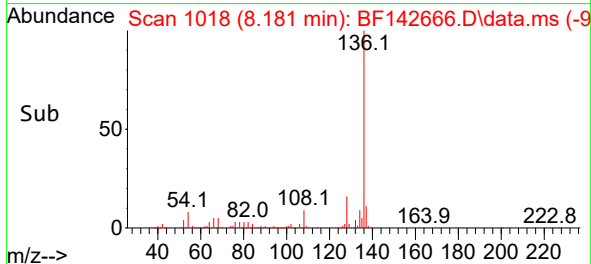
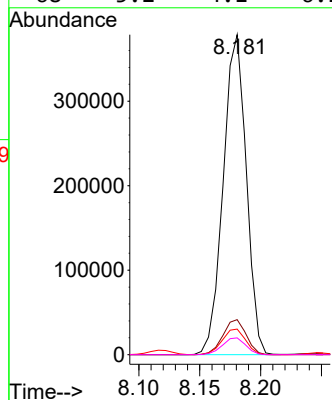
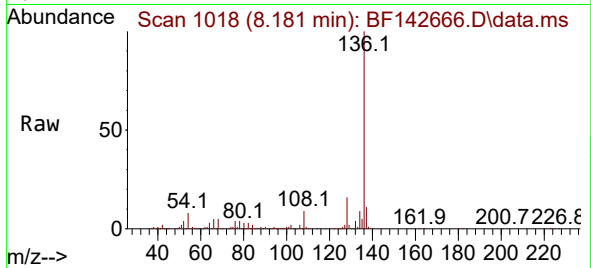




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

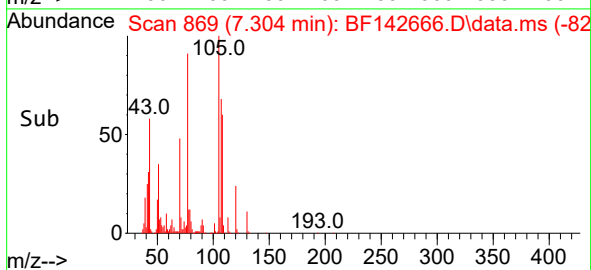
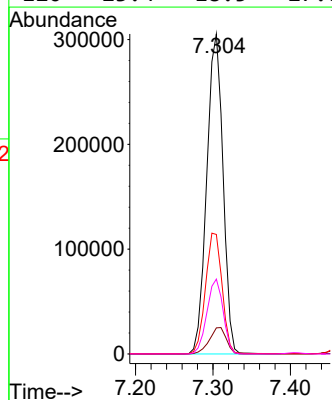
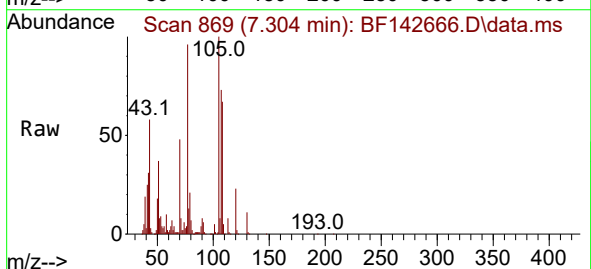
Instrument :
BNA_F
ClientSampleId :
PB168300BS

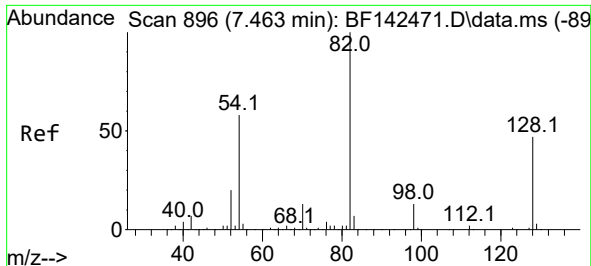
Tgt Ion:136 Resp: 499499
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.0 6.6 10.0
68 5.2 4.1 6.1



#22
Acetophenone
Concen: 40.231 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion:105 Resp: 444849
Ion Ratio Lower Upper
105 100
71 8.1 6.4 9.6
51 37.4 28.6 42.8
120 23.4 18.5 27.7

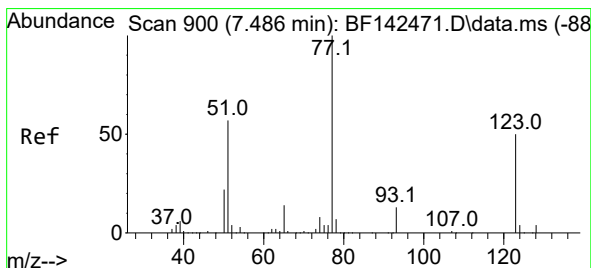
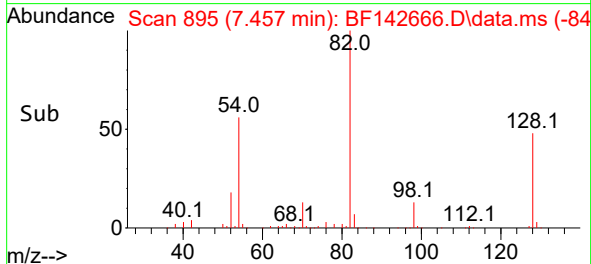
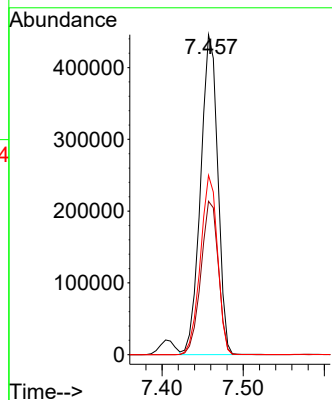
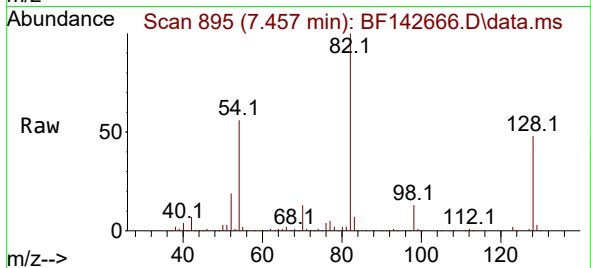




#23
Nitrobenzene-d5
Concen: 71.417 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

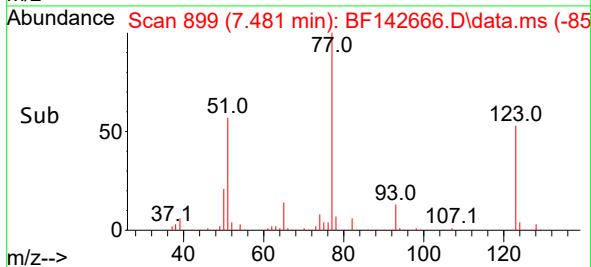
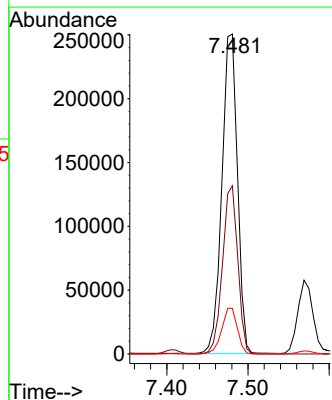
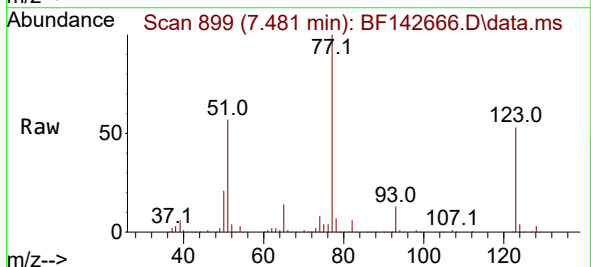
Instrument :
BNA_F
ClientSampleId :
PB168300BS

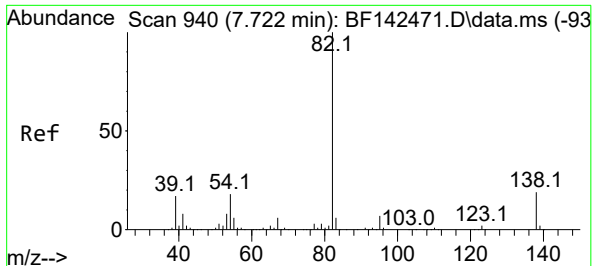
Tgt Ion: 82 Resp: 654198
Ion Ratio Lower Upper
82 100
128 47.9 37.4 56.2
54 56.0 46.6 70.0



#24
Nitrobenzene
Concen: 40.620 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion: 77 Resp: 335594
Ion Ratio Lower Upper
77 100
123 52.6 40.6 61.0
65 14.2 11.4 17.2

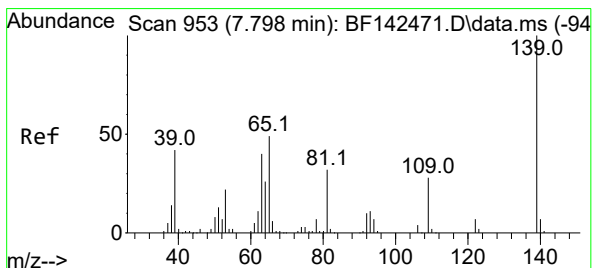
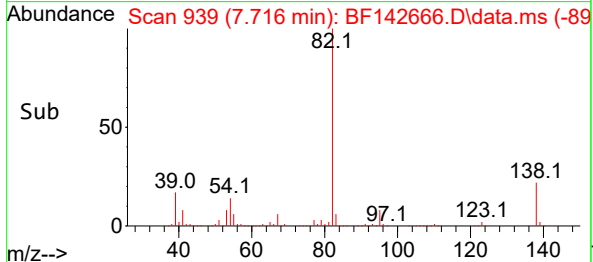
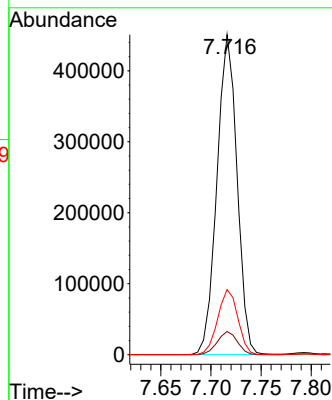
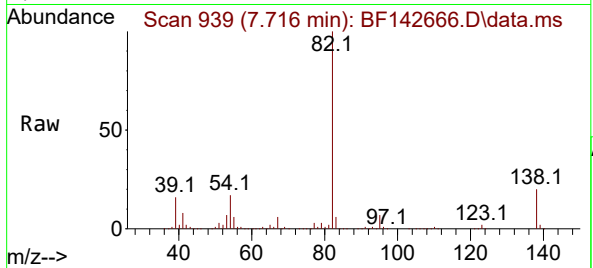




#25
Isophorone
Concen: 40.965 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

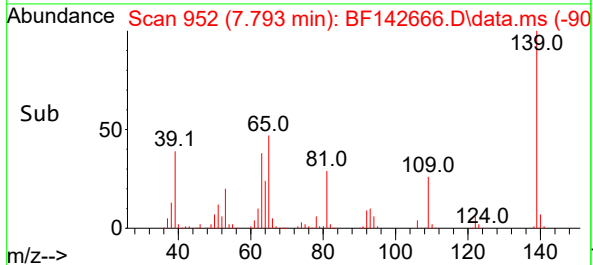
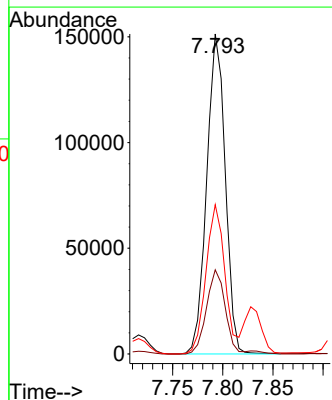
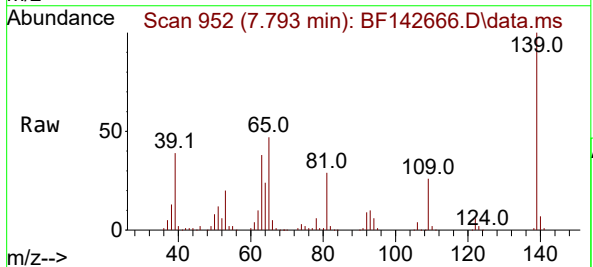
Instrument :
BNA_F
ClientSampleId :
PB168300BS

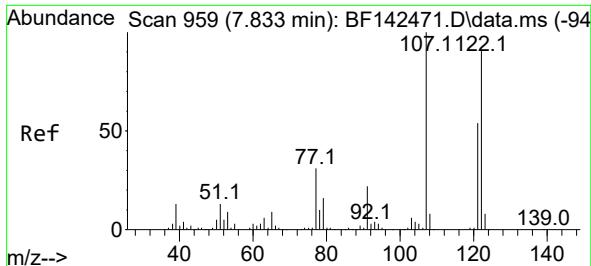
Tgt Ion: 82 Resp: 627388
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 20.4 15.5 23.3



#26
2-Nitrophenol
Concen: 44.300 ng
RT: 7.793 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion:139 Resp: 195562
Ion Ratio Lower Upper
139 100
109 26.3 22.6 33.8
65 46.6 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 42.178 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF142666.D

Acq: 07 Jun 2025 02:38

Instrument :

BNA_F

ClientSampleId :

PB168300BS

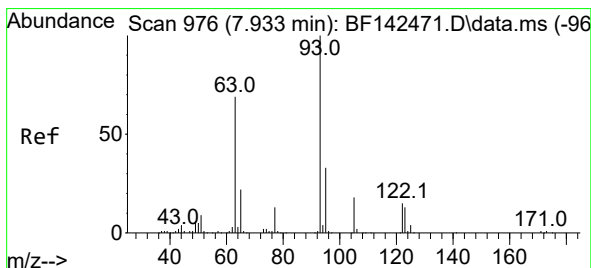
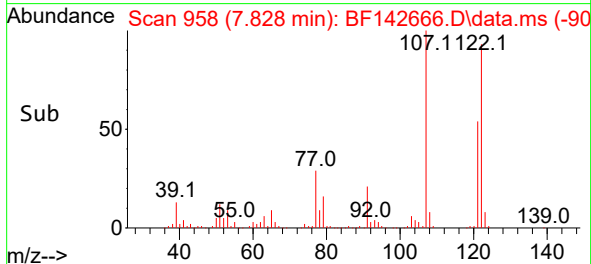
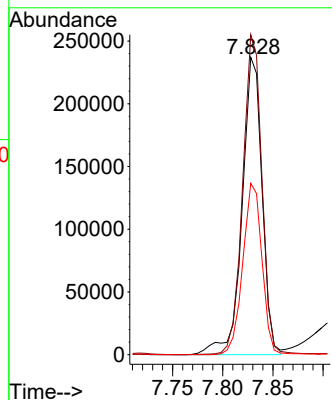
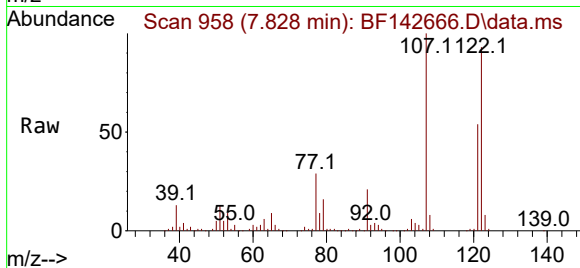
Tgt Ion:122 Resp: 328360

Ion Ratio Lower Upper

122 100

107 107.6 88.1 132.1

121 57.6 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 41.795 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142666.D

Acq: 07 Jun 2025 02:38

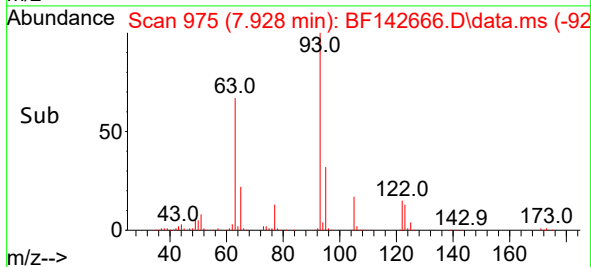
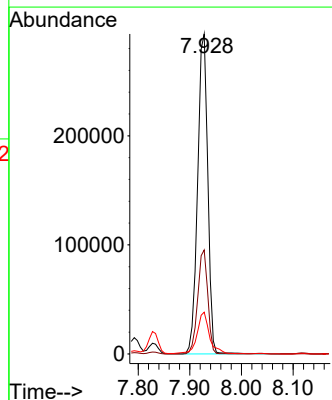
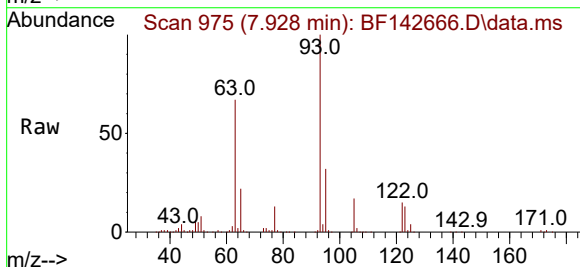
Tgt Ion: 93 Resp: 399860

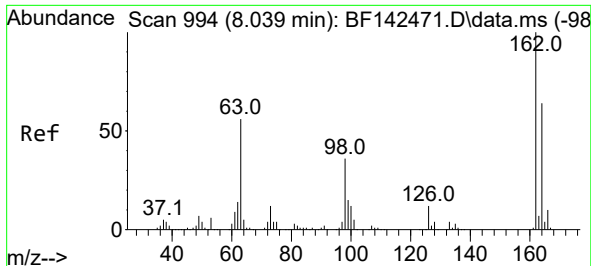
Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

123 13.0 10.6 15.8

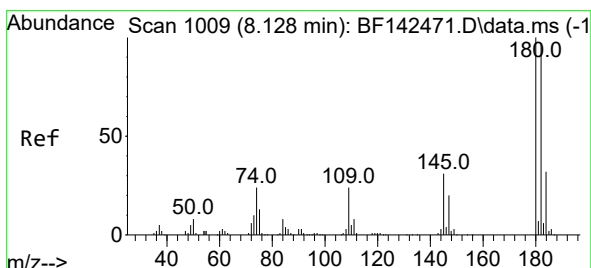
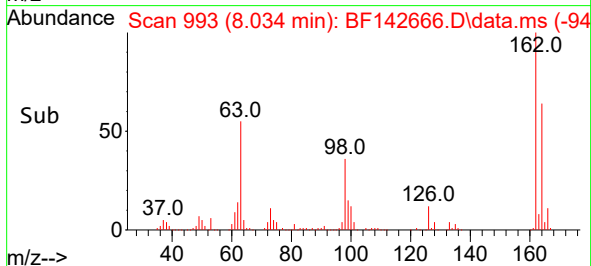
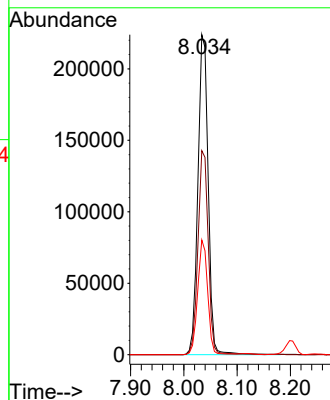
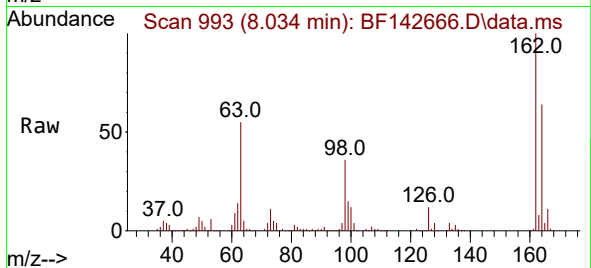




#29
2,4-Dichlorophenol
Concen: 42.289 ng
RT: 8.034 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

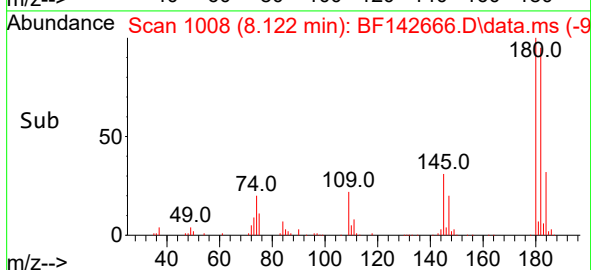
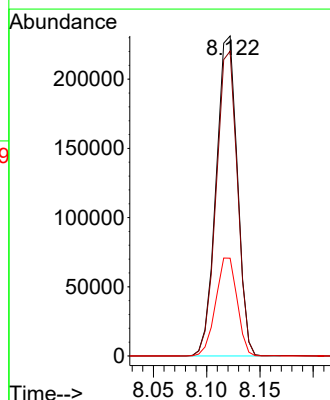
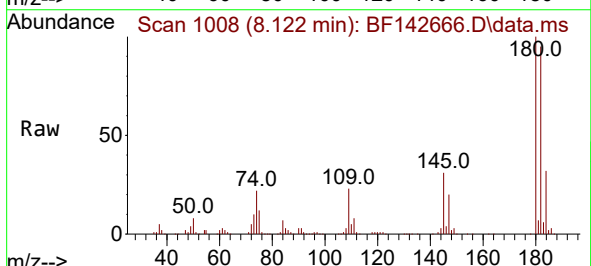
Instrument :
BNA_F
ClientSampleId :
PB168300BS

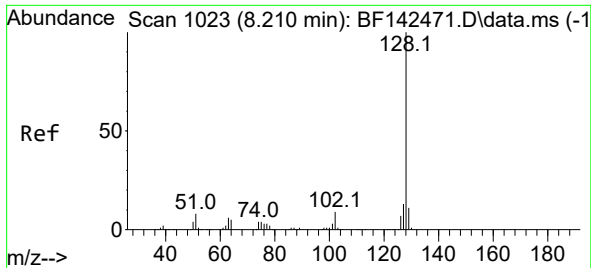
Tgt Ion:162 Resp: 299402
Ion Ratio Lower Upper
162 100
164 63.8 43.7 83.7
98 35.9 15.5 55.5



#30
1,2,4-Trichlorobenzene
Concen: 41.553 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion:180 Resp: 319279
Ion Ratio Lower Upper
180 100
182 95.2 78.0 117.0
145 30.6 25.0 37.6

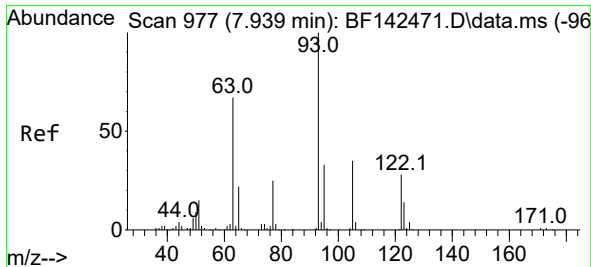
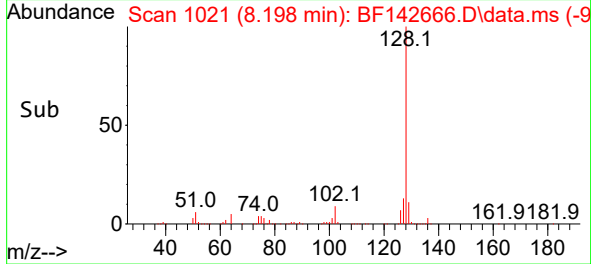
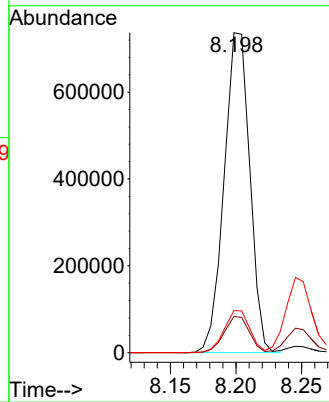
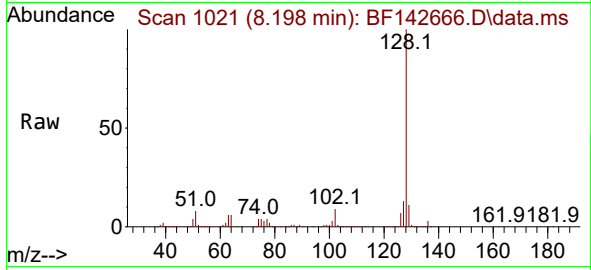




#31
Naphthalene
Concen: 40.881 ng
RT: 8.198 min Scan# 1023
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

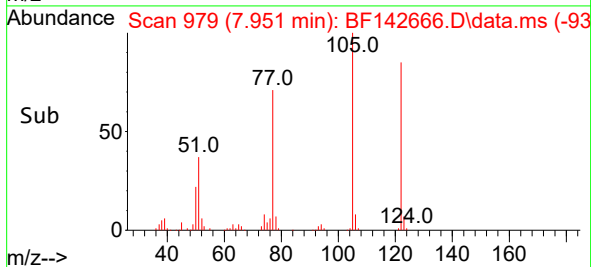
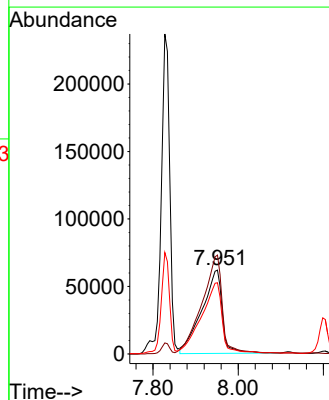
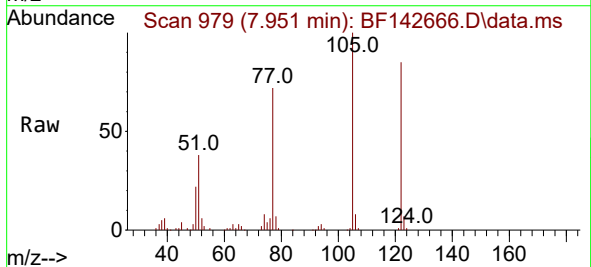
Instrument :
BNA_F
ClientSampleId :
PB168300BS

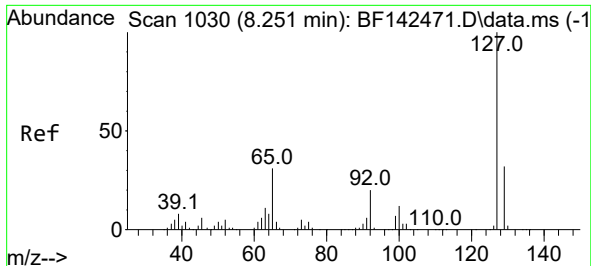
Tgt Ion:128 Resp: 1005481
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 43.537 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.024 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion:122 Resp: 206323
Ion Ratio Lower Upper
122 100
105 117.9 101.7 141.7
77 84.8 69.5 109.5

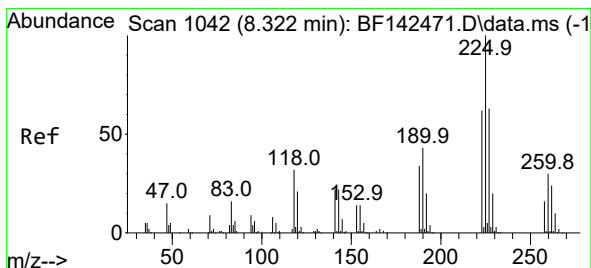
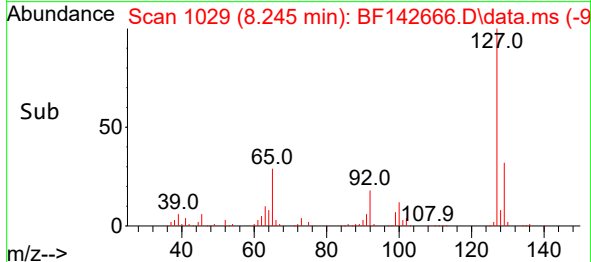
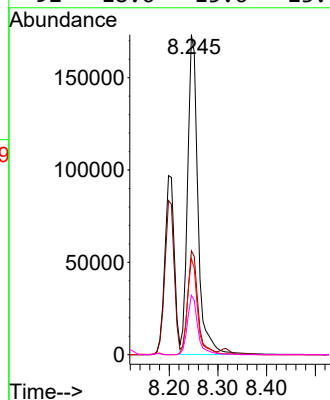
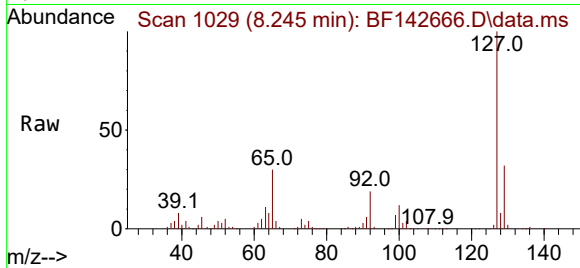




#33
4-Chloroaniline
Concen: 25.684 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

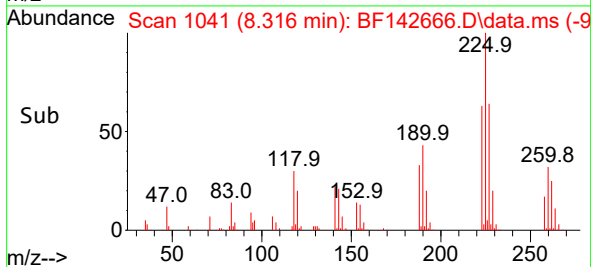
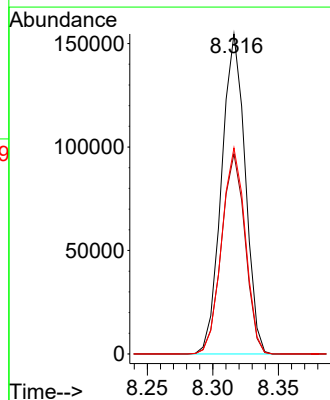
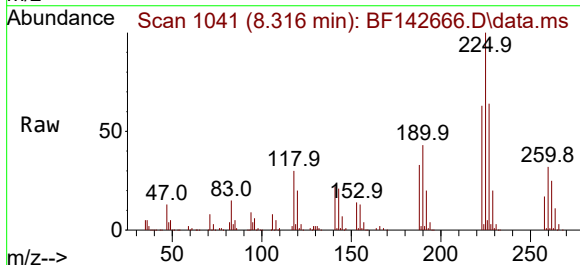
Instrument :
BNA_F
ClientSampleId :
PB168300BS

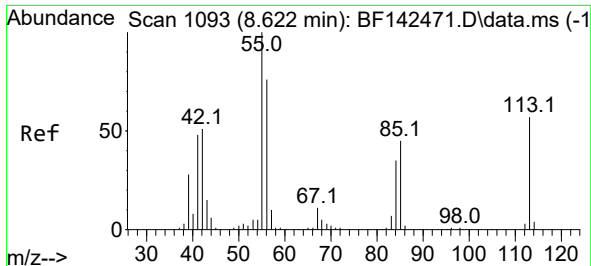
Tgt Ion:	127	Resp:	255966
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	30.1	24.9	37.3
92	18.6	15.6	23.4



#34
Hexachlorobutadiene
Concen: 40.310 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion:	225	Resp:	193395
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.7	74.5
227	64.4	50.3	75.5

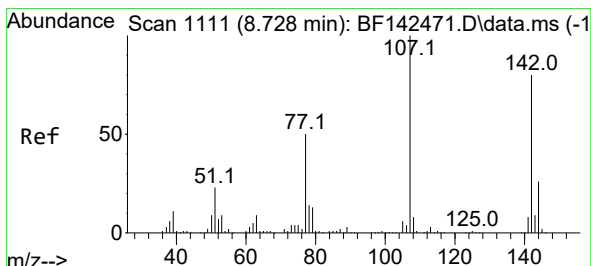
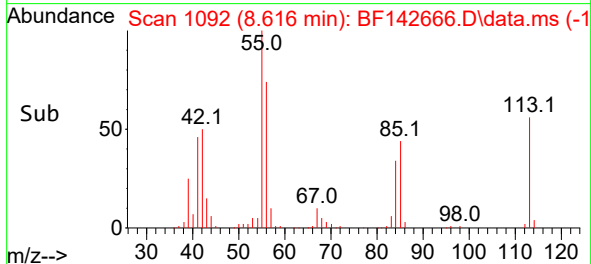
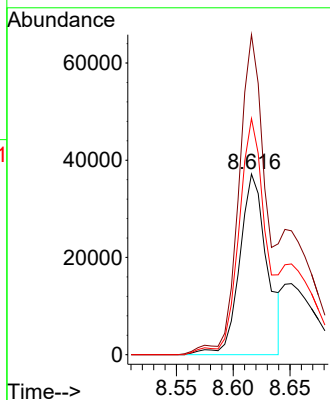
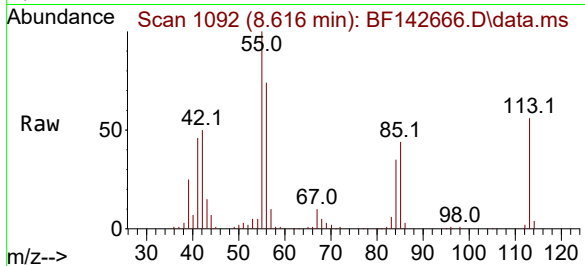




#35
 Caprolactam
 Concen: 31.158 ng
 RT: 8.616 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF142666.D
 Acq: 07 Jun 2025 02:38

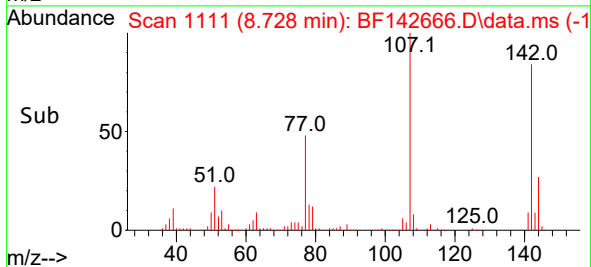
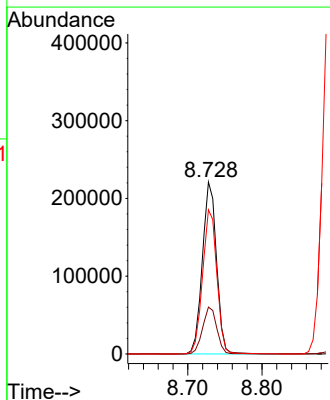
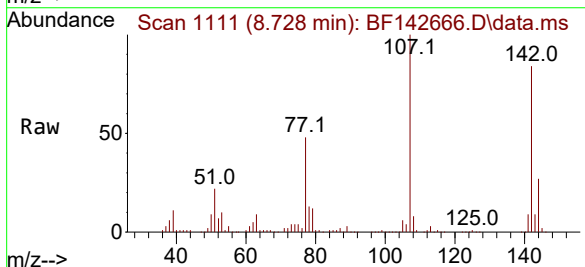
Instrument :
 BNA_F
 ClientSampleId :
 PB168300BS

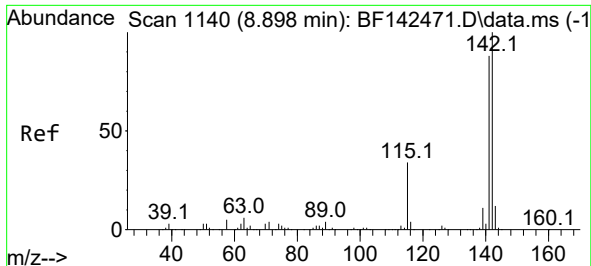
Tgt Ion:113 Resp: 61956
 Ion Ratio Lower Upper
 113 100
 55 177.1 154.7 194.7
 56 130.7 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 40.492 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF142666.D
 Acq: 07 Jun 2025 02:38

Tgt Ion:107 Resp: 293804
 Ion Ratio Lower Upper
 107 100
 144 27.3 20.9 31.3
 142 83.7 64.2 96.2

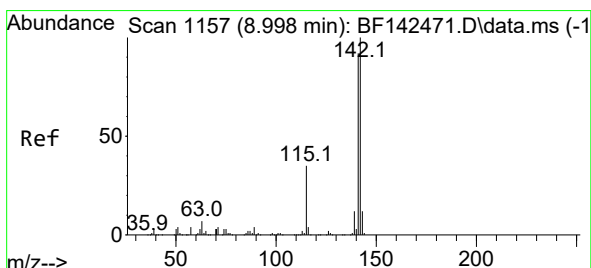
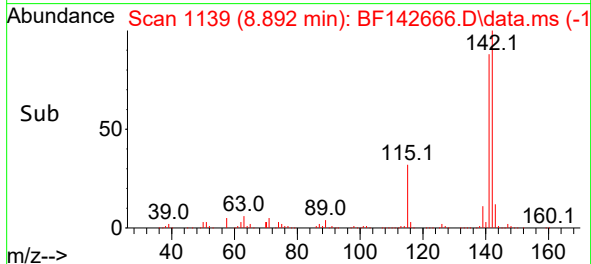
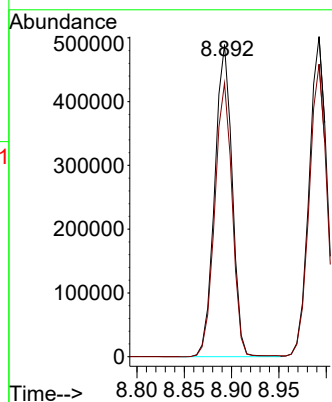
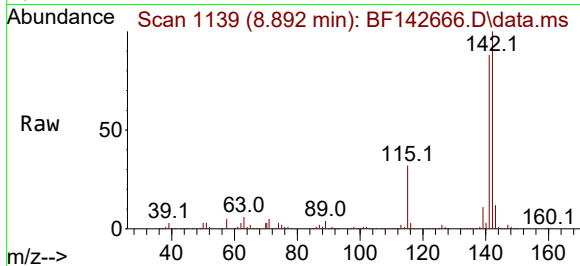




#37
2-Methylnaphthalene
Concen: 40.523 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

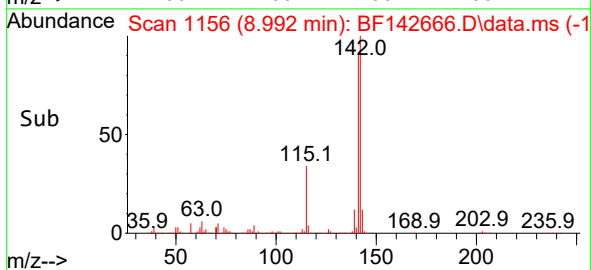
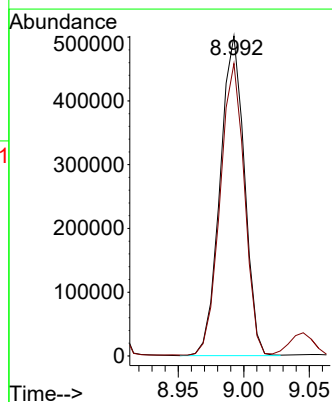
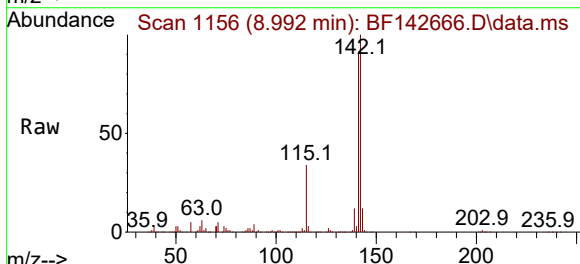
Instrument :
BNA_F
ClientSampleId :
PB168300BS

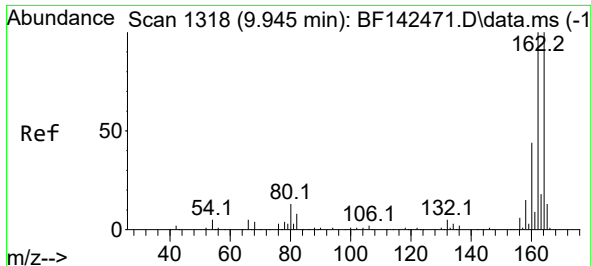
Tgt Ion:142 Resp: 627018
Ion Ratio Lower Upper
142 100
141 87.7 70.7 106.1



#38
1-Methylnaphthalene
Concen: 40.365 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion:142 Resp: 646049
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142666.D

Acq: 07 Jun 2025 02:38

Instrument :

BNA_F

ClientSampleId :

PB168300BS

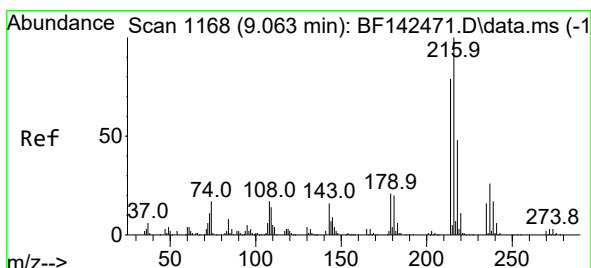
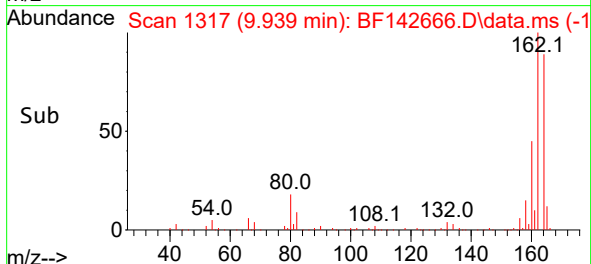
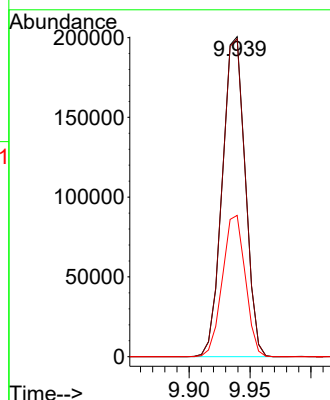
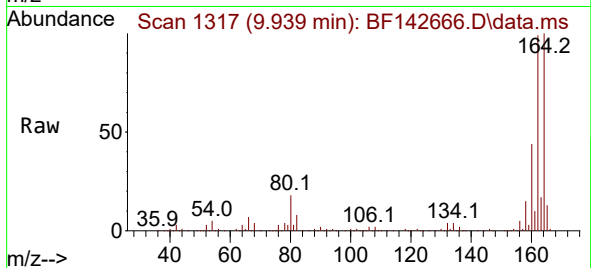
Tgt Ion:164 Resp: 262463

Ion Ratio Lower Upper

164 100

162 99.4 80.2 120.4

160 44.2 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.565 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BF142666.D

Acq: 07 Jun 2025 02:38

Tgt Ion:216 Resp: 320694

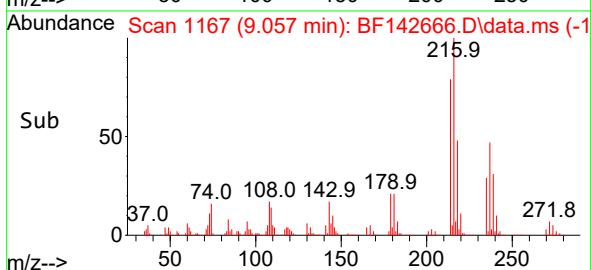
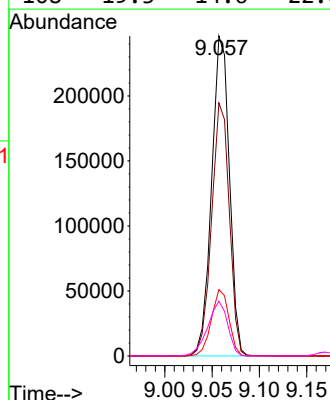
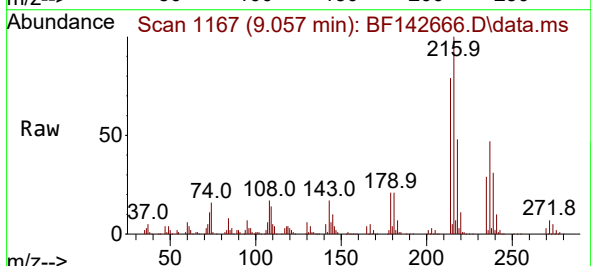
Ion Ratio Lower Upper

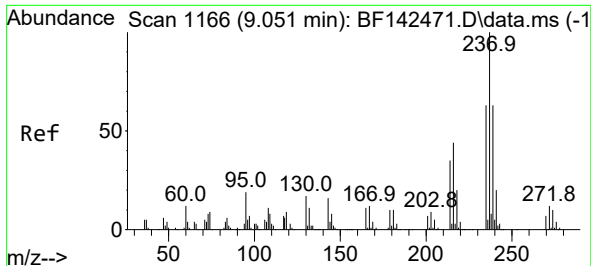
216 100

214 78.8 62.9 94.3

179 20.5 16.9 25.3

108 19.3 14.6 22.0

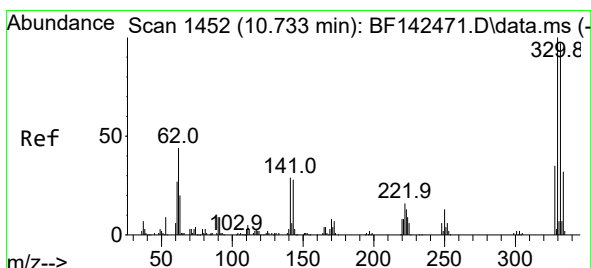
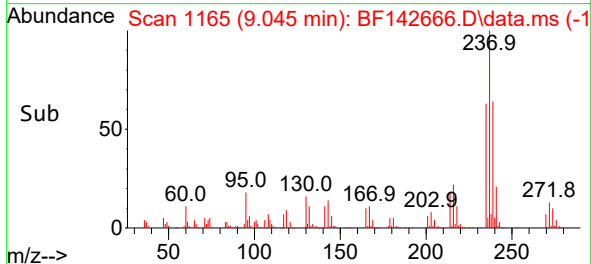
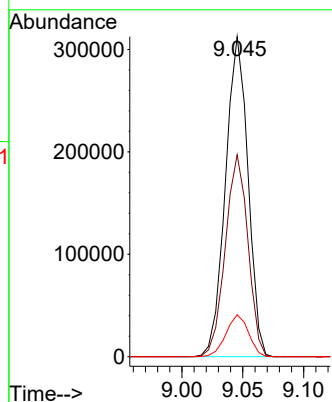
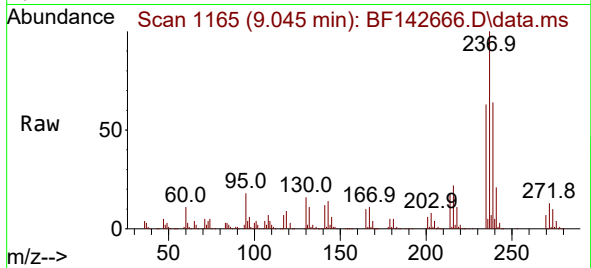




#41
Hexachlorocyclopentadiene
Concen: 79.119 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

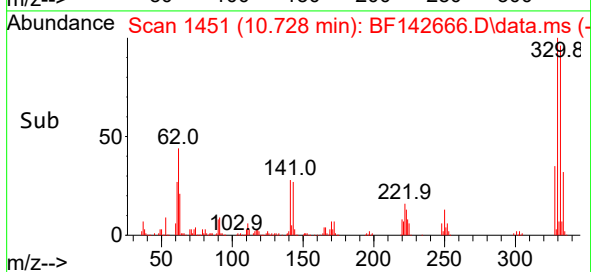
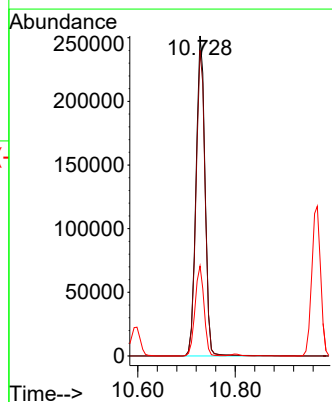
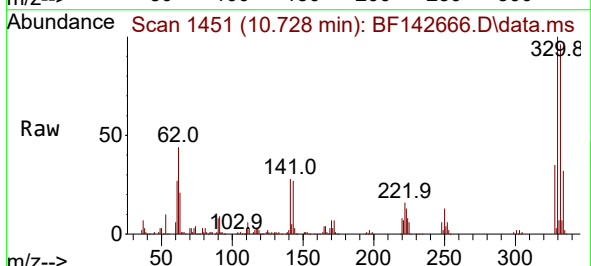
Instrument :
BNA_F
ClientSampleId :
PB168300BS

Tgt Ion:237 Resp: 402119
Ion Ratio Lower Upper
237 100
235 63.1 43.3 83.3
272 13.1 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 111.570 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion:330 Resp: 325003
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 28.0 24.6 36.8

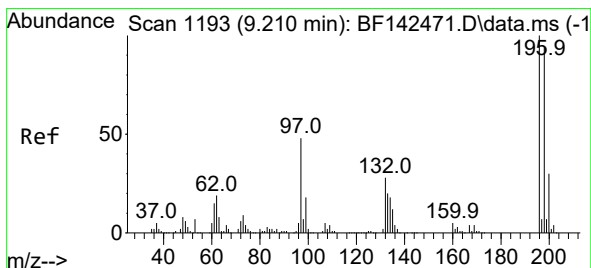
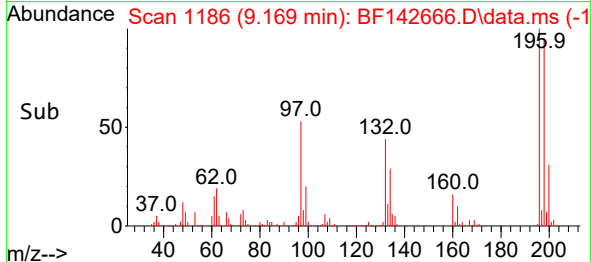
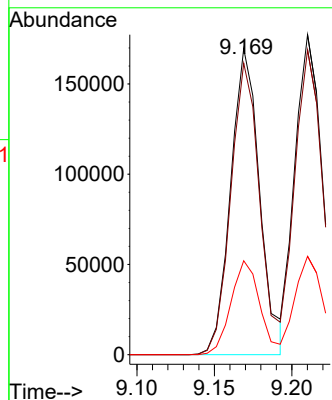
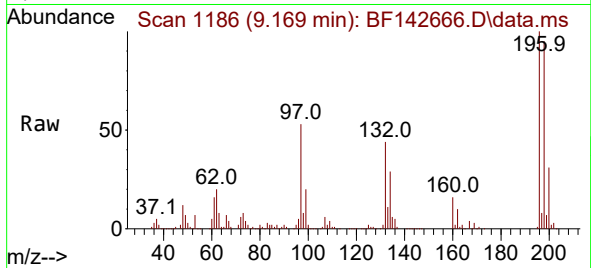




#43
 2,4,6-Trichlorophenol
 Concen: 43.480 ng
 RT: 9.169 min Scan# 1186
 Delta R.T. -0.006 min
 Lab File: BF142666.D
 Acq: 07 Jun 2025 02:38

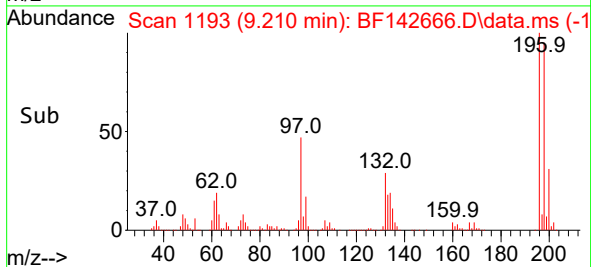
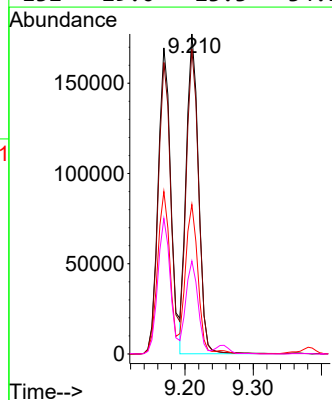
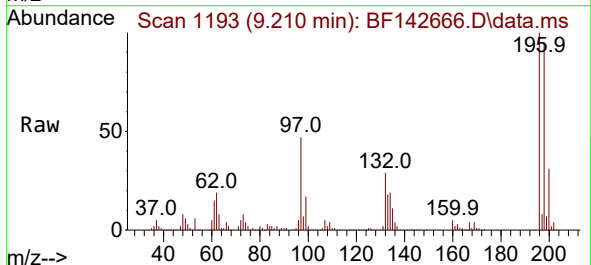
Instrument :
 BNA_F
 ClientSampleId :
 PB168300BS

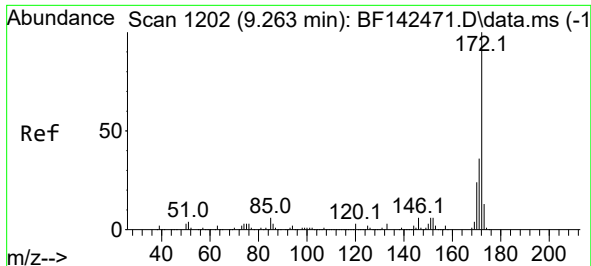
Tgt Ion:196 Resp: 220896
 Ion Ratio Lower Upper
 196 100
 198 95.2 78.8 118.2
 200 30.7 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.156 ng
 RT: 9.210 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: BF142666.D
 Acq: 07 Jun 2025 02:38

Tgt Ion:196 Resp: 220515
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.5 113.3
 97 46.7 39.3 58.9
 132 29.0 23.3 34.9

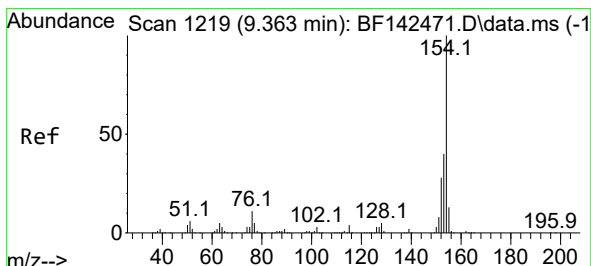
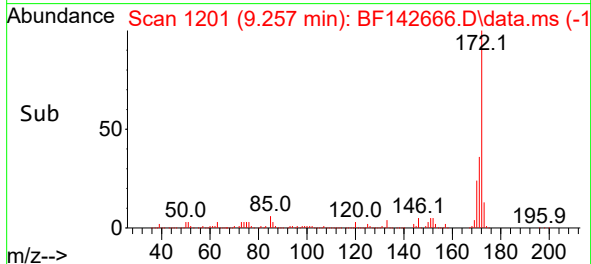
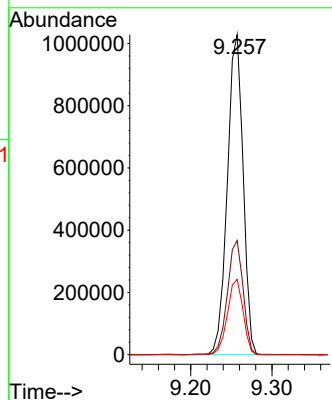
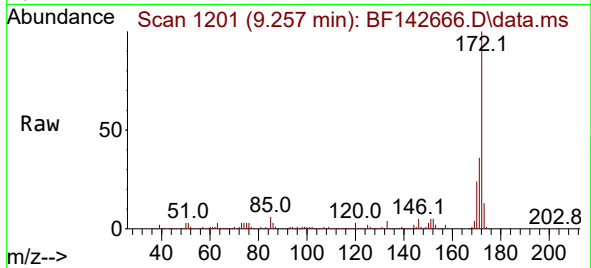




#45
2-Fluorobiphenyl
Concen: 70.966 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

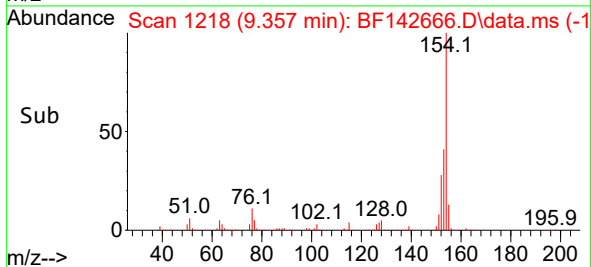
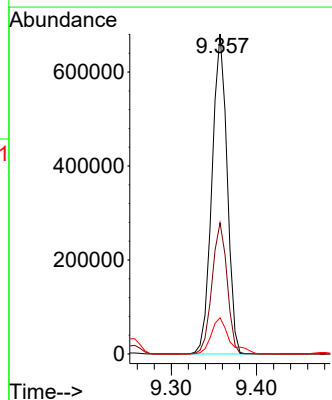
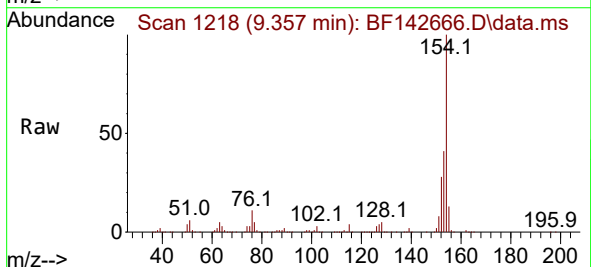
Instrument :
BNA_F
ClientSampleId :
PB168300BS

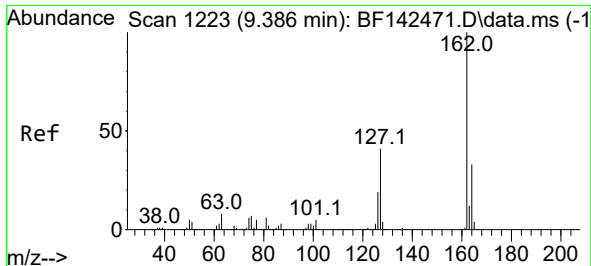
Tgt Ion:172 Resp: 1388061
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 41.361 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion:154 Resp: 842212
Ion Ratio Lower Upper
154 100
153 41.0 20.4 60.4
76 11.3 0.0 30.8

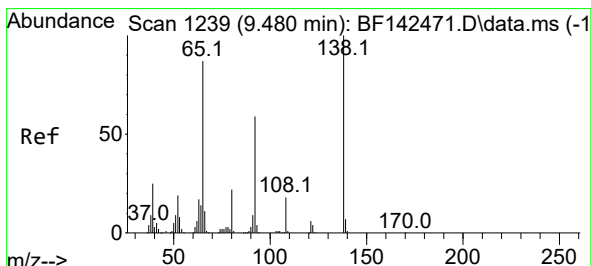
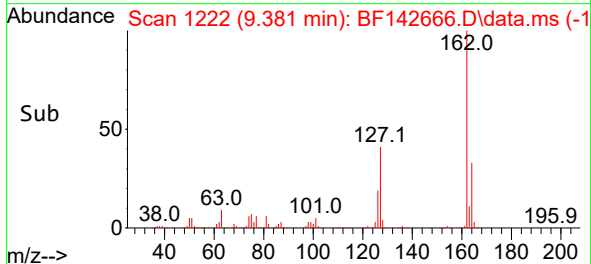
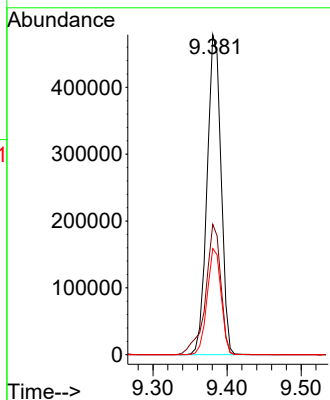
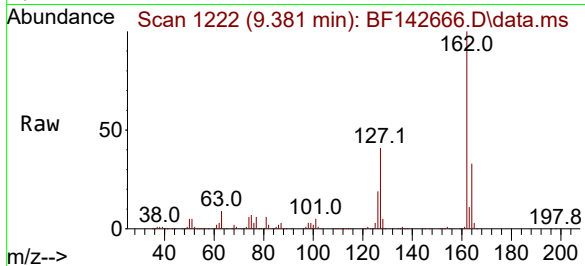




#47
2-Chloronaphthalene
Concen: 41.692 ng
RT: 9.381 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

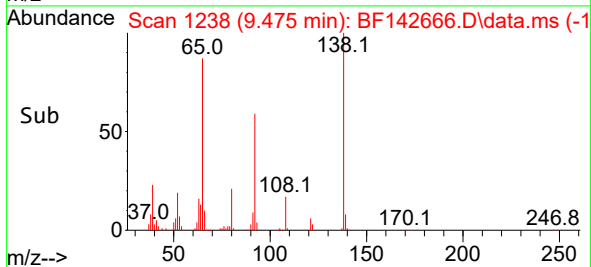
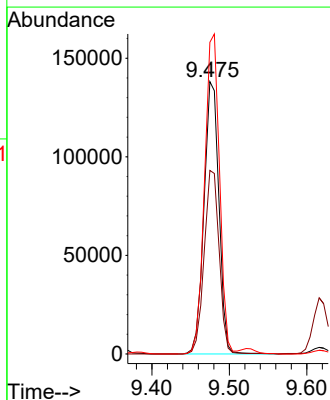
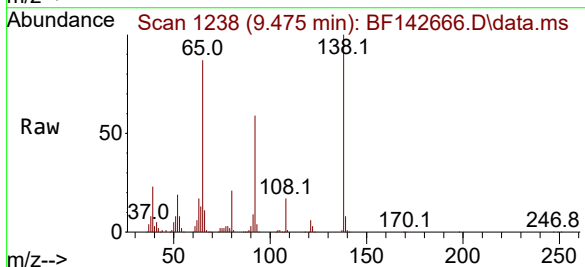
Instrument :
BNA_F
ClientSampleId :
PB168300BS

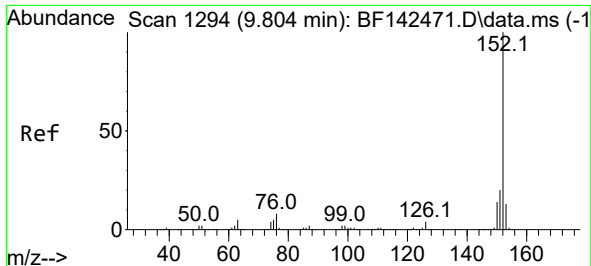
Tgt Ion:162 Resp: 627233
Ion Ratio Lower Upper
162 100
127 40.7 33.5 50.3
164 33.1 26.1 39.1



#48
2-Nitroaniline
Concen: 42.460 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.011 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion: 65 Resp: 184636
Ion Ratio Lower Upper
65 100
92 67.4 54.4 81.6
138 114.5 91.4 137.2





#49

Acenaphthylene

Concen: 41.072 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142666.D

Acq: 07 Jun 2025 02:38

Instrument :

BNA_F

ClientSampleId :

PB168300BS

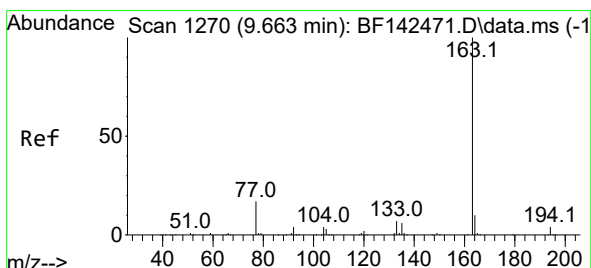
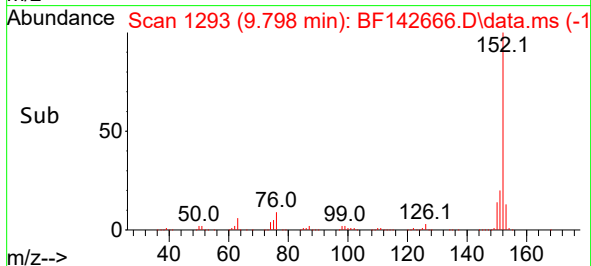
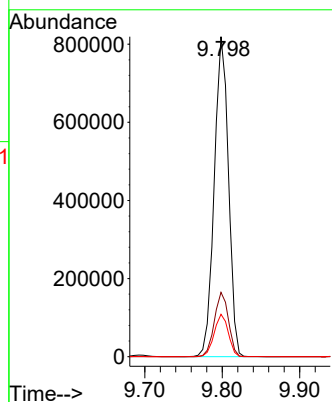
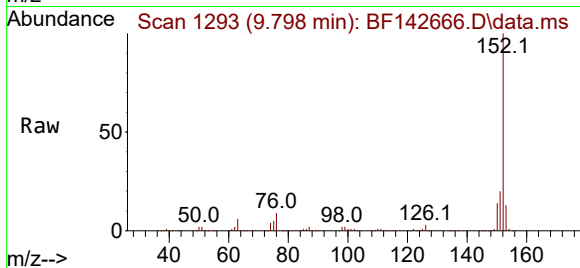
Tgt Ion:152 Resp: 1043369

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 42.361 ng

RT: 9.657 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF142666.D

Acq: 07 Jun 2025 02:38

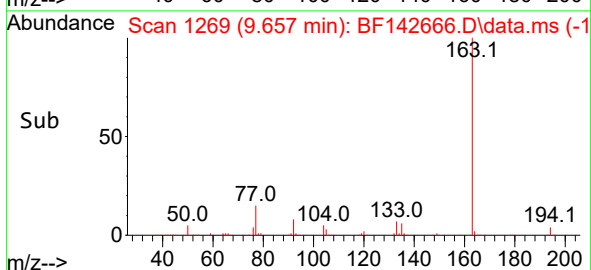
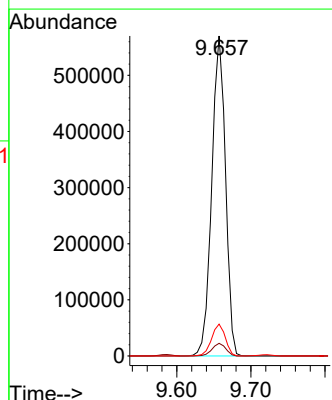
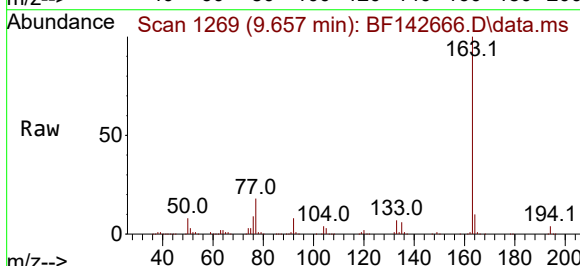
Tgt Ion:163 Resp: 733616

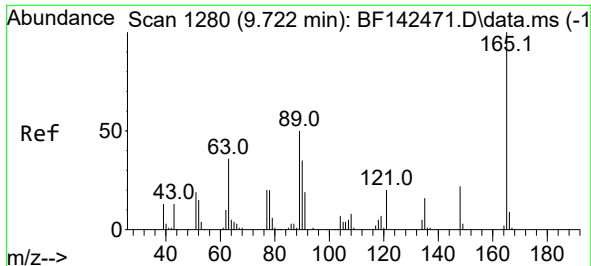
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.9 8.2 12.4

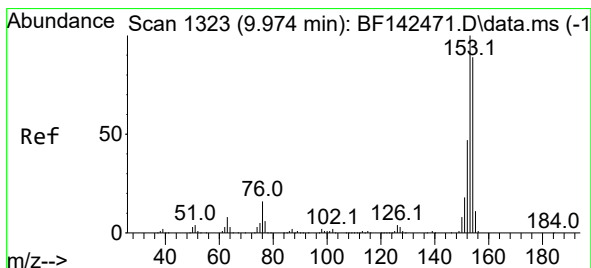
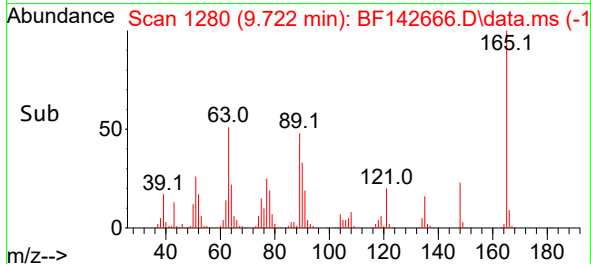
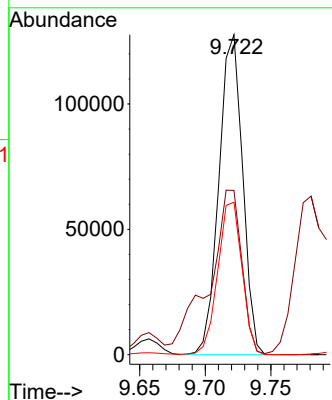
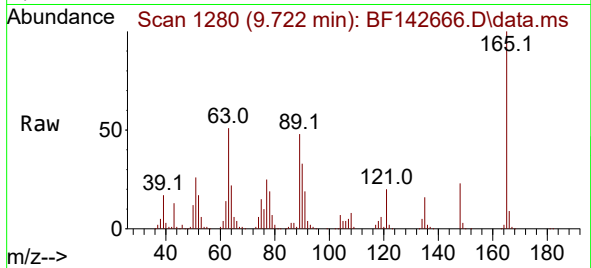




#51
2,6-Dinitrotoluene
Concen: 42.898 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

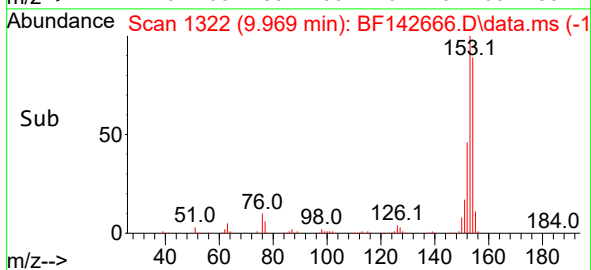
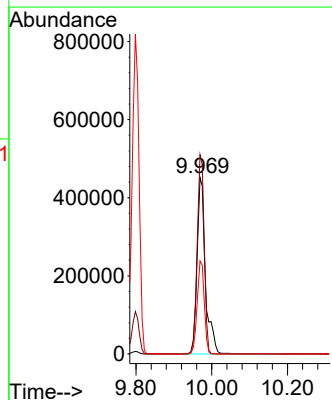
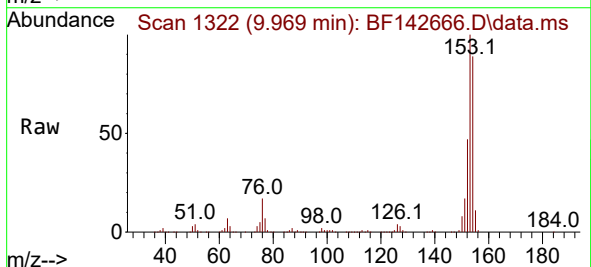
Instrument :
BNA_F
ClientSampleId :
PB168300BS

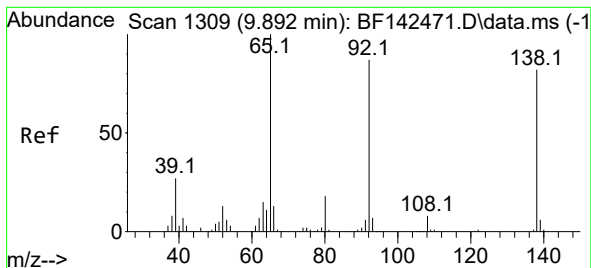
Tgt Ion:165 Resp: 160344
Ion Ratio Lower Upper
165 100
63 51.4 42.9 64.3
89 47.6 40.2 60.4



#52
Acenaphthene
Concen: 44.958 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion:154 Resp: 697388
Ion Ratio Lower Upper
154 100
153 112.9 90.0 135.0
152 52.7 42.6 64.0





#53

3-Nitroaniline

Concen: 31.291 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142666.D

Acq: 07 Jun 2025 02:38

Instrument :

BNA_F

ClientSampleId :

PB168300BS

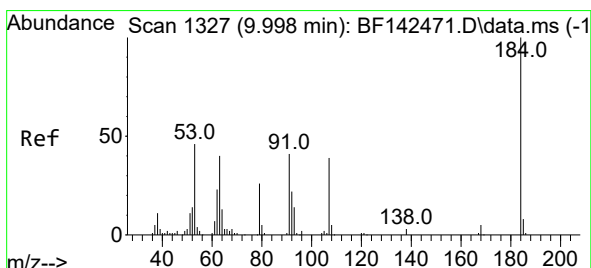
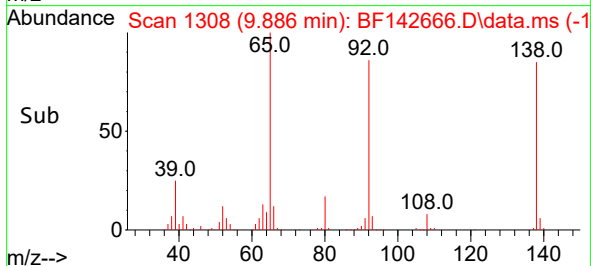
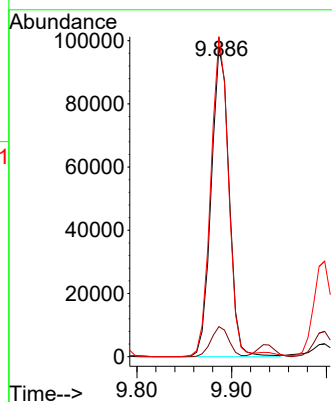
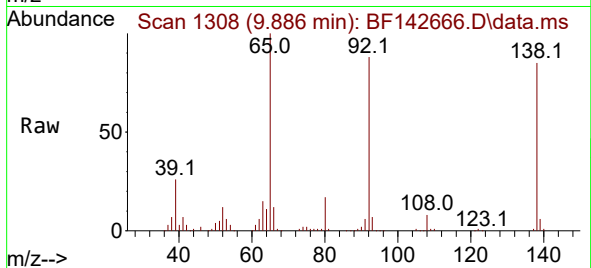
Tgt Ion:138 Resp: 127748

Ion Ratio Lower Upper

138 100

108 9.7 8.1 12.1

92 103.4 85.2 127.8



#54

2,4-Dinitrophenol

Concen: 94.151 ng

RT: 9.998 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF142666.D

Acq: 07 Jun 2025 02:38

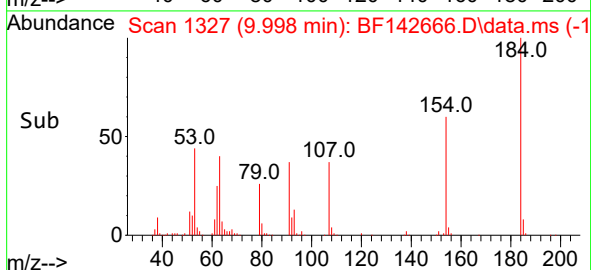
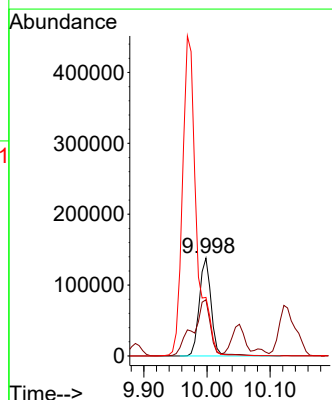
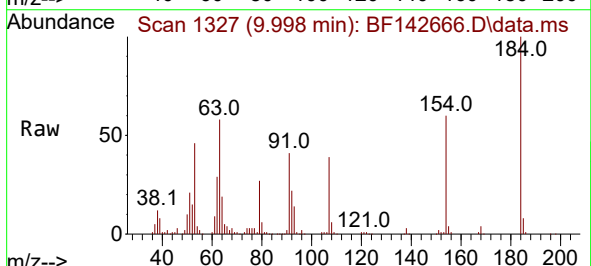
Tgt Ion:184 Resp: 181814

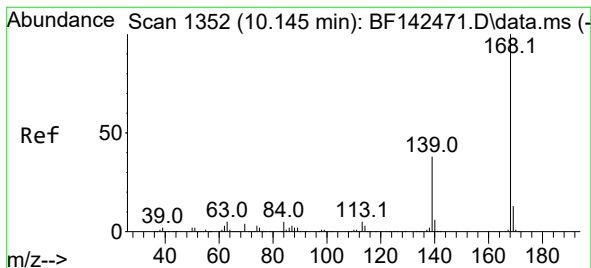
Ion Ratio Lower Upper

184 100

63 57.6 46.3 69.5

154 59.9 56.8 85.2





#55

Dibenzenofuran

Concen: 40.762 ng

RT: 10.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142666.D

Acq: 07 Jun 2025 02:38

Instrument :

BNA_F

ClientSampleId :

PB168300BS

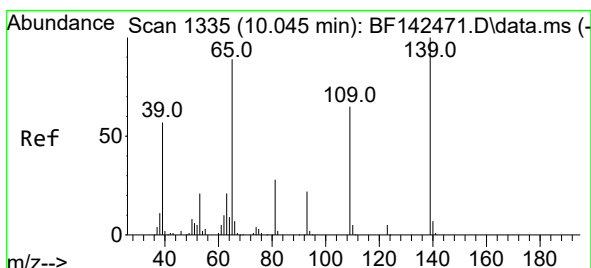
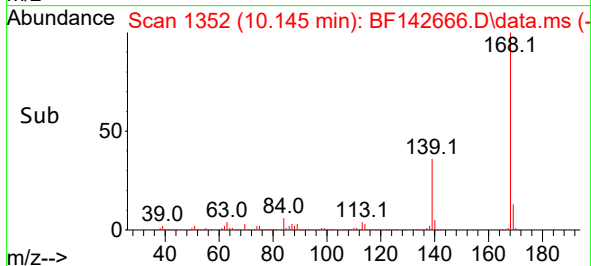
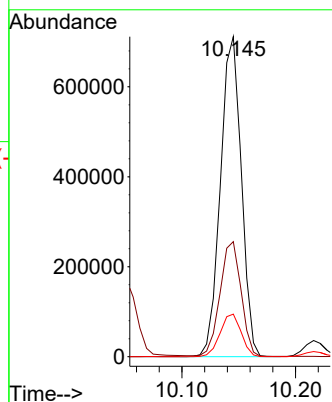
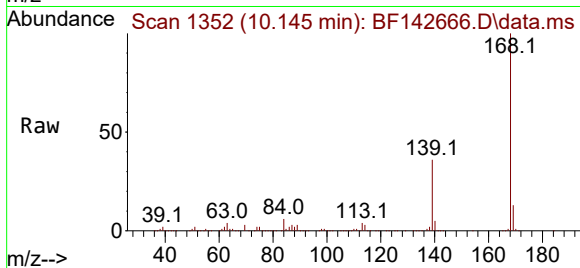
Tgt Ion:168 Resp: 909898

Ion Ratio Lower Upper

168 100

139 35.9 30.2 45.2

169 13.3 10.7 16.1



#56

4-Nitrophenol

Concen: 80.145 ng

RT: 10.051 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BF142666.D

Acq: 07 Jun 2025 02:38

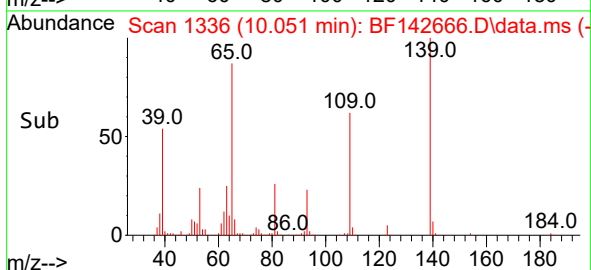
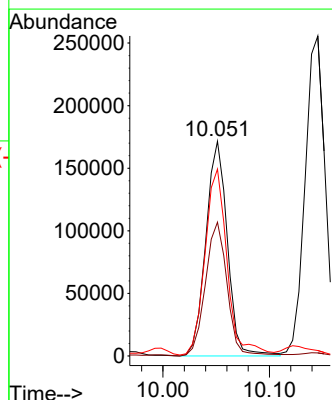
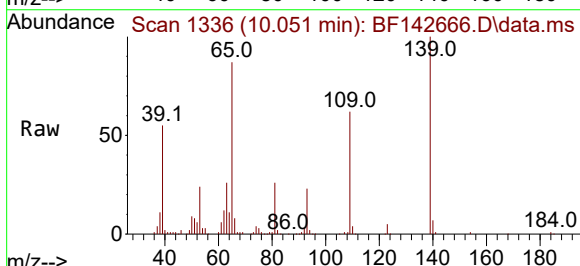
Tgt Ion:139 Resp: 241423

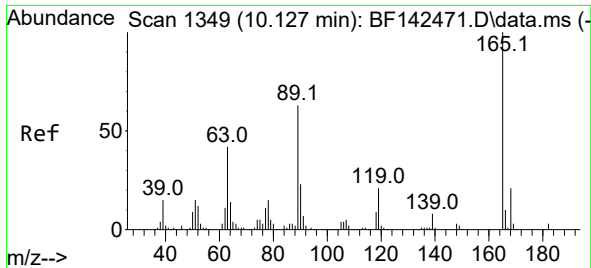
Ion Ratio Lower Upper

139 100

109 62.3 45.1 85.1

65 87.0 69.7 109.7

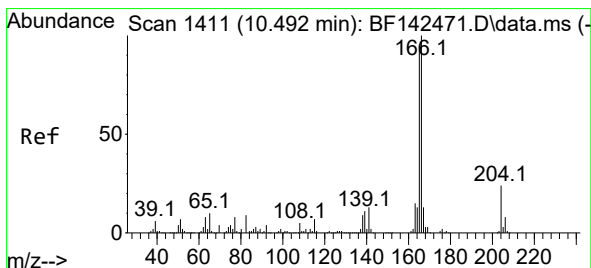
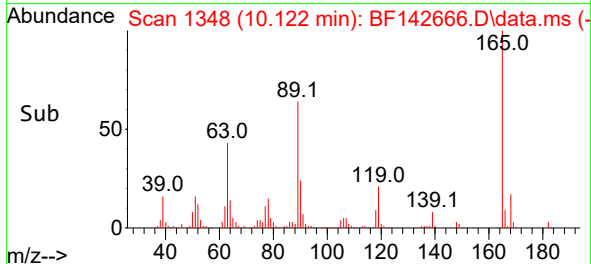
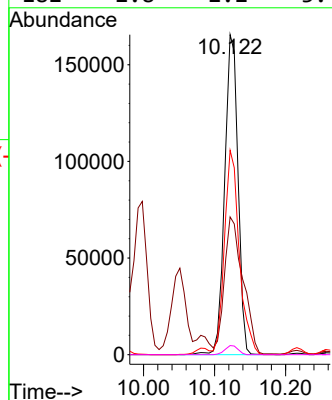
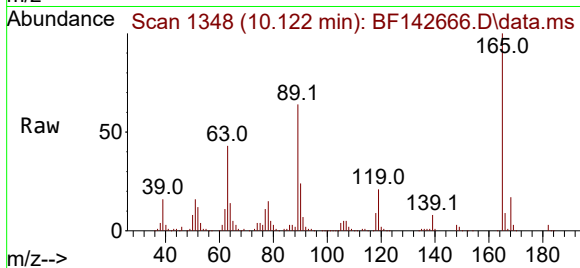




#57
2,4-Dinitrotoluene
Concen: 43.903 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

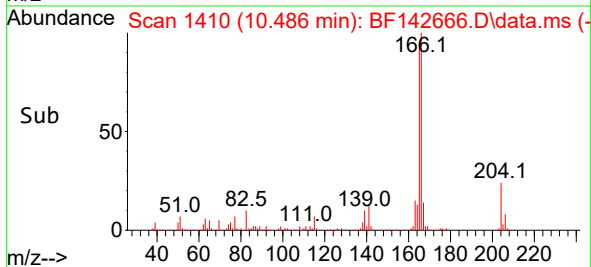
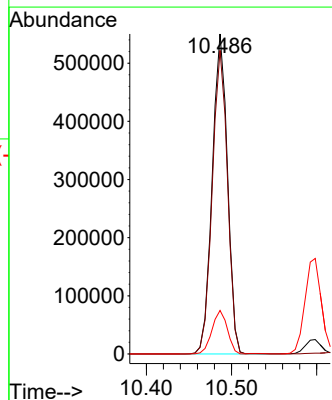
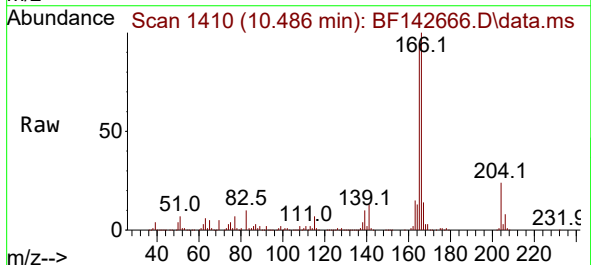
Instrument :
BNA_F
ClientSampleId :
PB168300BS

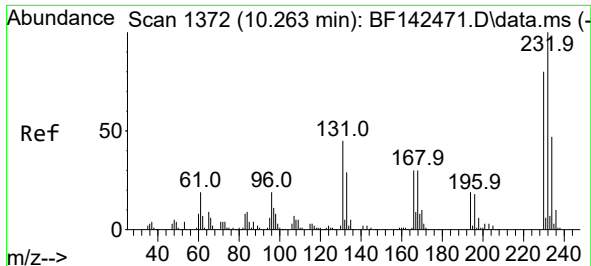
Tgt Ion:165 Resp: 214308
Ion Ratio Lower Upper
165 100
63 43.1 33.6 50.4
89 63.8 50.2 75.4
182 2.8 2.2 3.4



#58
Fluorene
Concen: 39.632 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion:166 Resp: 683464
Ion Ratio Lower Upper
166 100
165 94.9 75.8 113.8
167 13.6 10.6 16.0

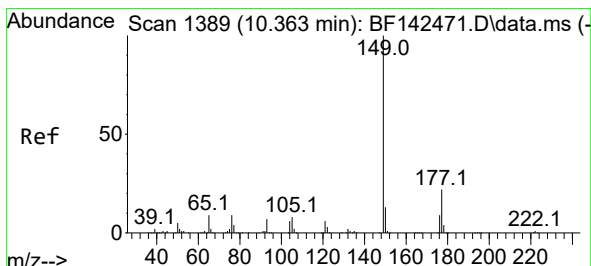
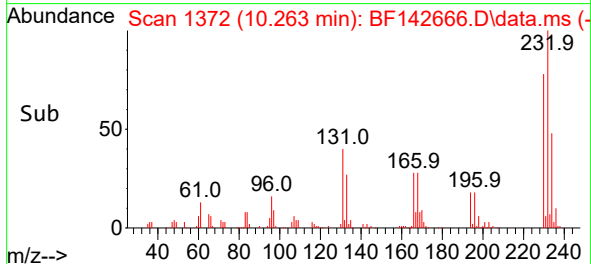
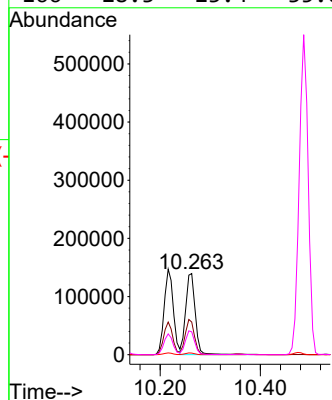
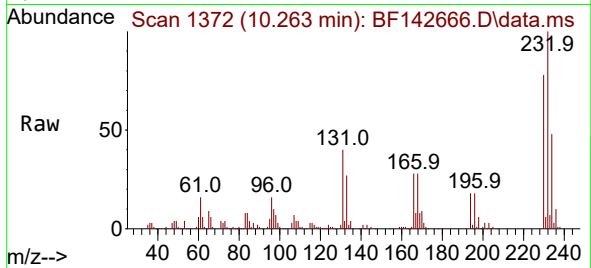




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.349 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

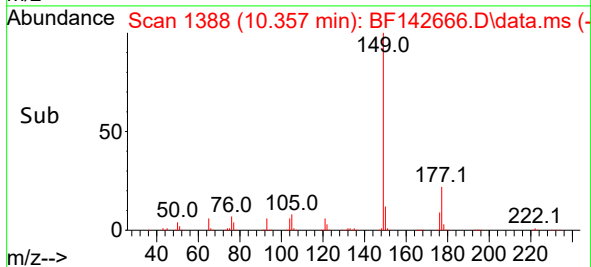
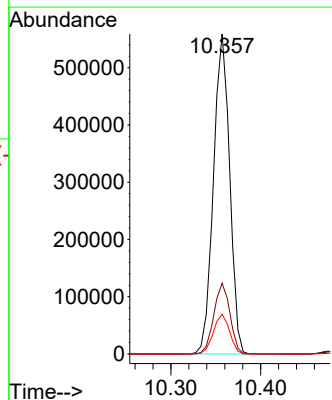
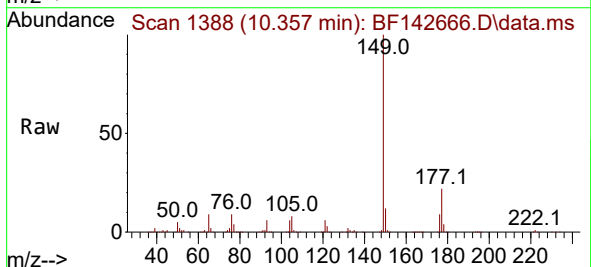
Instrument :
BNA_F
ClientSampleId :
PB168300BS

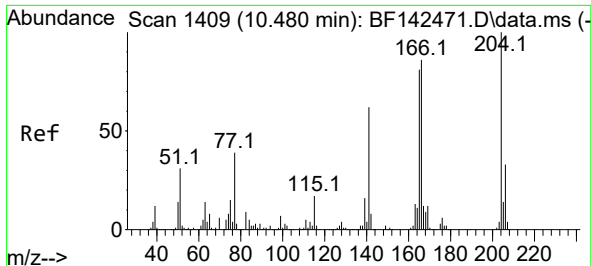
Tgt Ion:232 Resp: 184952
Ion Ratio Lower Upper
232 100
131 41.9 35.2 52.8
130 2.0 1.7 2.5
166 28.3 23.4 35.0



#60
Diethylphthalate
Concen: 41.351 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion:149 Resp: 699405
Ion Ratio Lower Upper
149 100
177 22.1 17.6 26.4
150 12.4 10.1 15.1

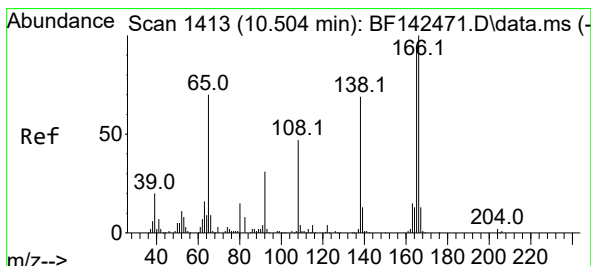
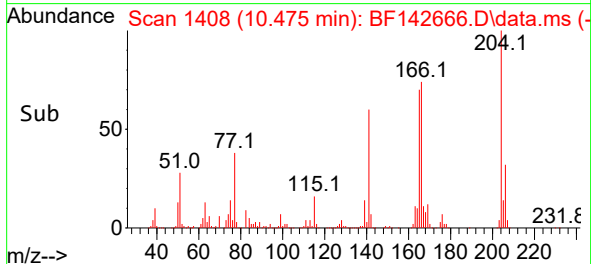
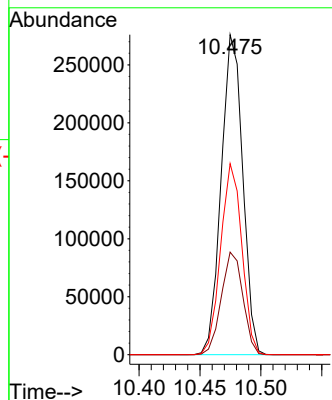
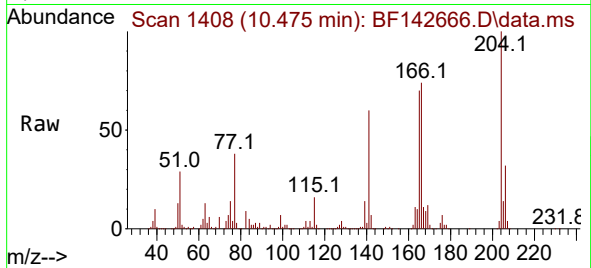




#61
4-Chlorophenyl-phenylether
Concen: 40.104 ng
RT: 10.475 min Scan# 1409
Delta R.T. -0.011 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

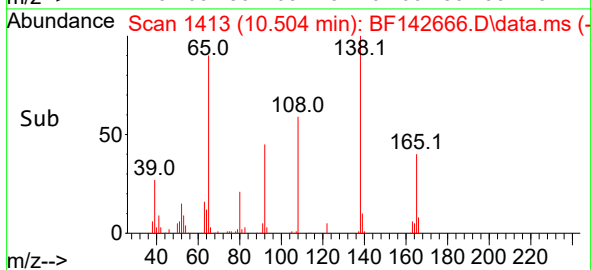
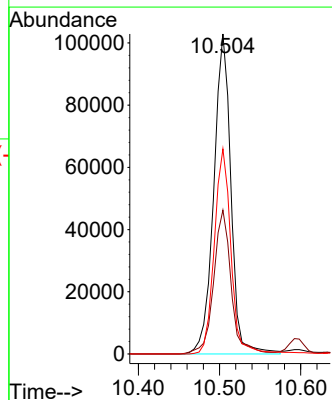
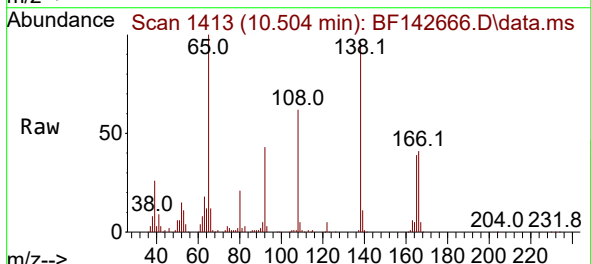
Instrument :
BNA_F
ClientSampleId :
PB168300BS

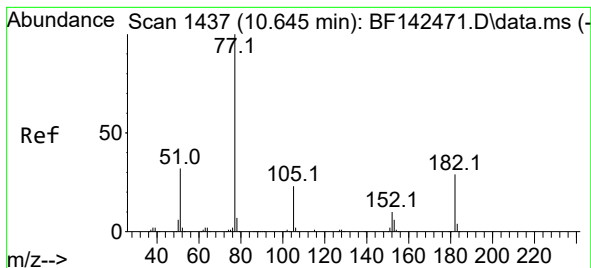
Tgt Ion:204 Resp: 339739
Ion Ratio Lower Upper
204 100
206 32.1 26.3 39.5
141 59.7 49.5 74.3



#62
4-Nitroaniline
Concen: 40.855 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion:138 Resp: 151273
Ion Ratio Lower Upper
138 100
92 45.0 26.0 66.0
108 64.1 48.4 88.4





#63

Azobenzene

Concen: 40.261 ng

RT: 10.639 min Scan# 1437

Delta R.T. -0.006 min

Lab File: BF142666.D

Acq: 07 Jun 2025 02:38

Instrument :

BNA_F

ClientSampleId :

PB168300BS

Tgt Ion: 77 Resp: 611635

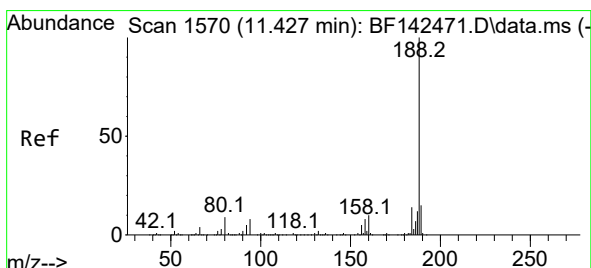
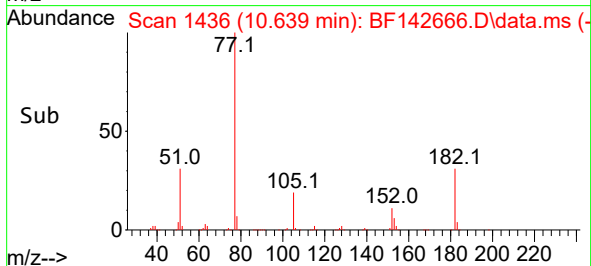
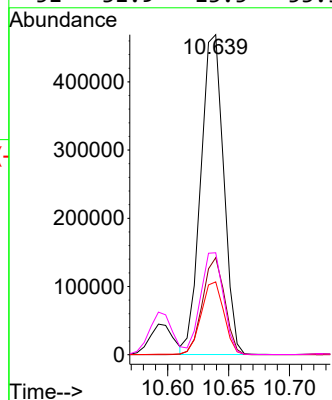
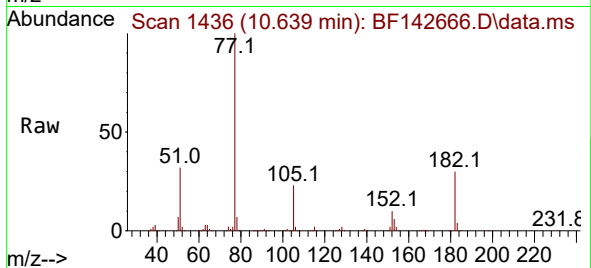
Ion Ratio Lower Upper

77 100

182 30.3 9.0 49.0

105 22.8 2.4 42.4

51 31.9 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142666.D

Acq: 07 Jun 2025 02:38

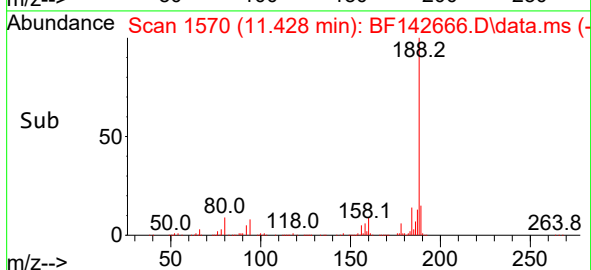
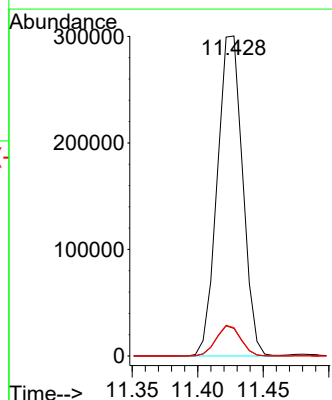
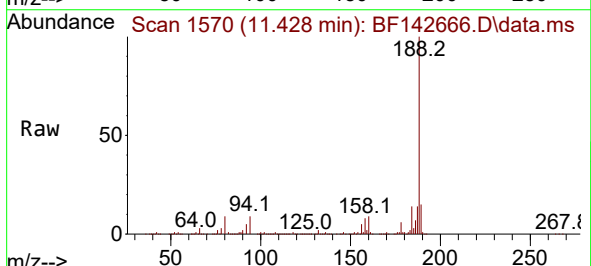
Tgt Ion: 188 Resp: 403433

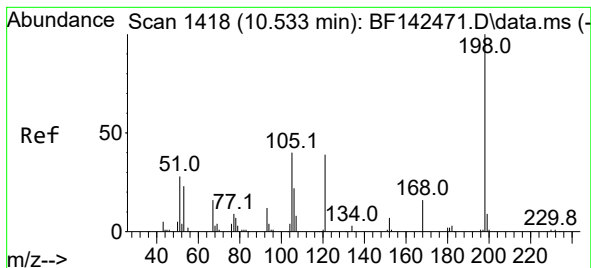
Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

80 8.8 7.4 11.0

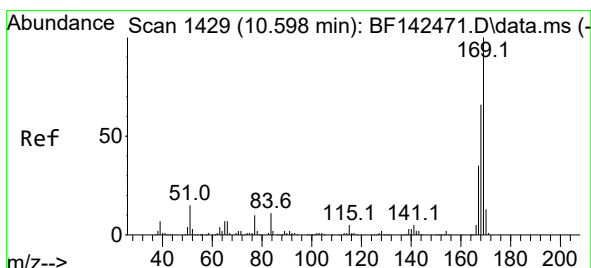
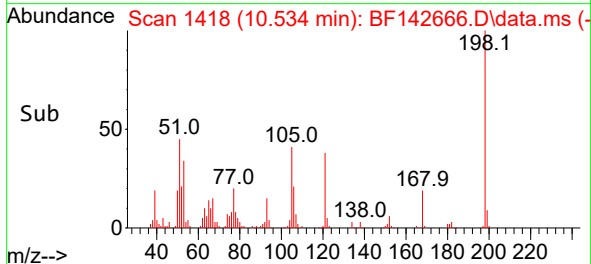
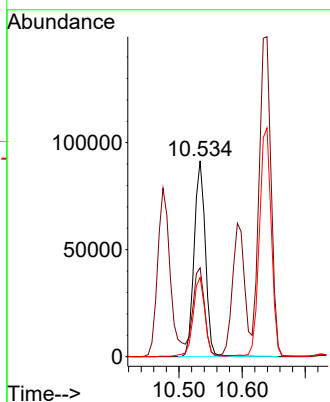
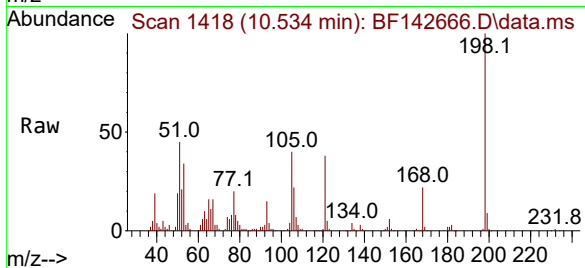




#65
4,6-Dinitro-2-methylphenol
Concen: 50.346 ng
RT: 10.534 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

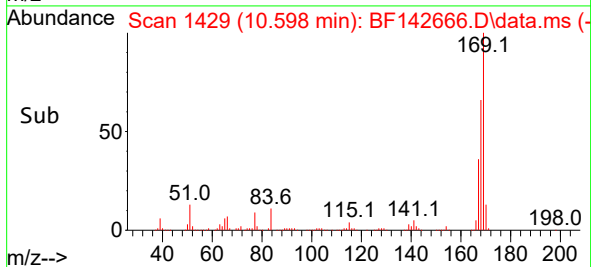
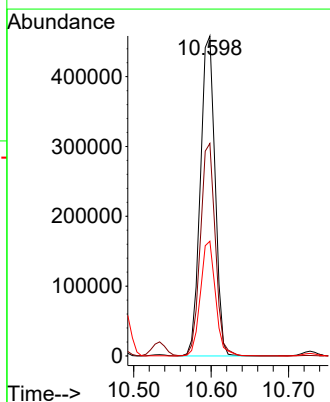
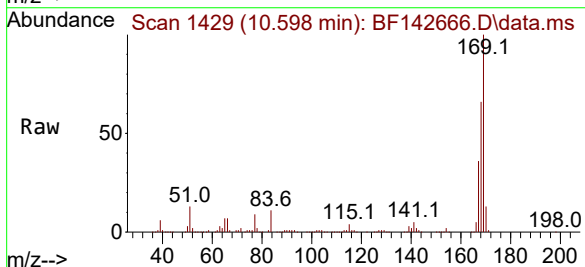
Instrument :
BNA_F
ClientSampleId :
PB168300BS

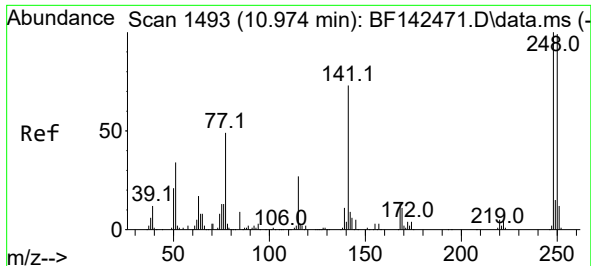
Tgt Ion:198 Resp: 113352
Ion Ratio Lower Upper
198 100
51 45.4 28.3 68.3
105 40.5 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 43.667 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion:169 Resp: 602700
Ion Ratio Lower Upper
169 100
168 66.4 52.7 79.1
167 35.8 28.3 42.5

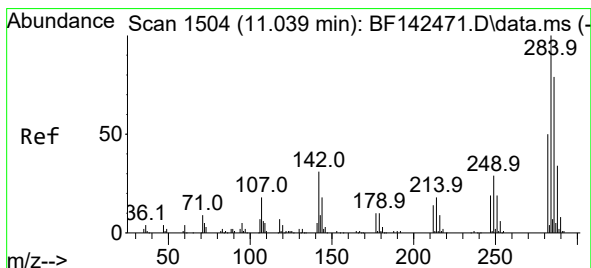
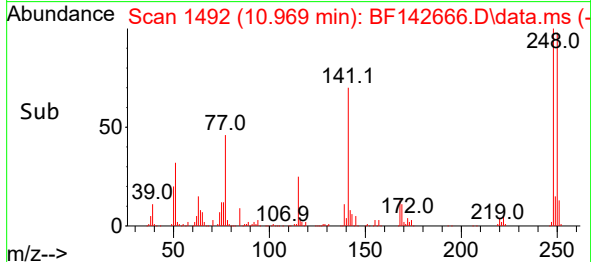
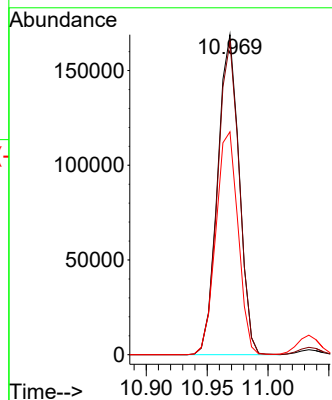
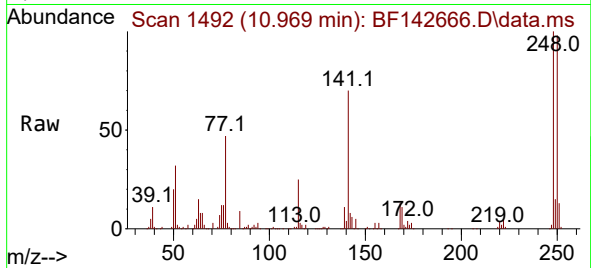




#67
4-Bromophenyl-phenylether
Concen: 43.652 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

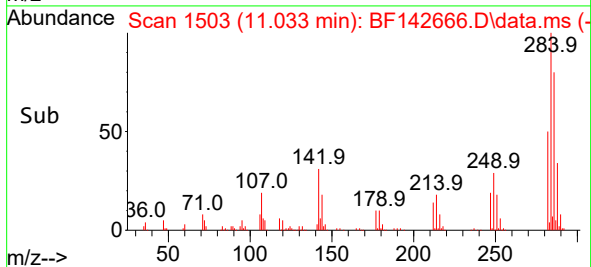
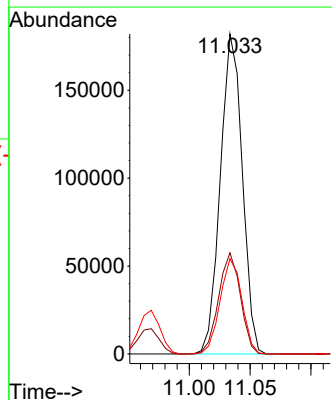
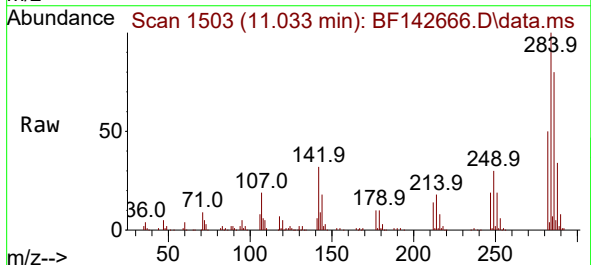
Instrument :
BNA_F
ClientSampleId :
PB168300BS

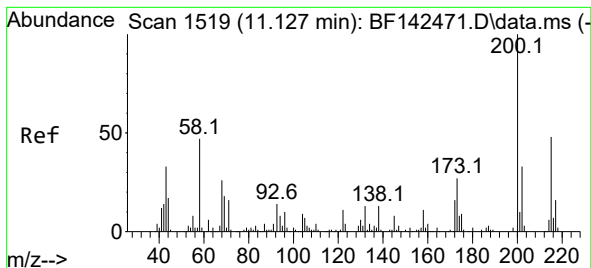
Tgt Ion:248 Resp: 208232
Ion Ratio Lower Upper
248 100
250 97.8 79.0 118.4
141 69.6 58.4 87.6



#68
Hexachlorobenzene
Concen: 43.313 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion:284 Resp: 228522
Ion Ratio Lower Upper
284 100
142 31.6 24.8 37.2
249 29.8 23.6 35.4





#69

Atrazine

Concen: 47.531 ng

RT: 11.122 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF142666.D

Acq: 07 Jun 2025 02:38

Instrument :

BNA_F

ClientSampleId :

PB168300BS

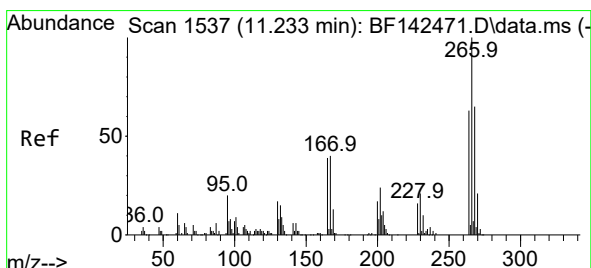
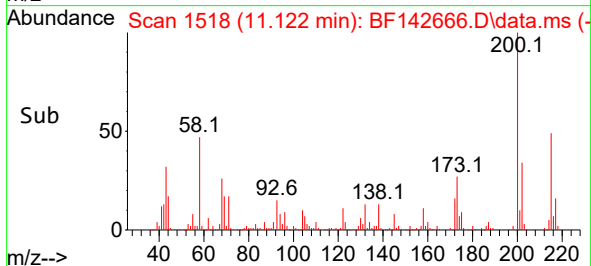
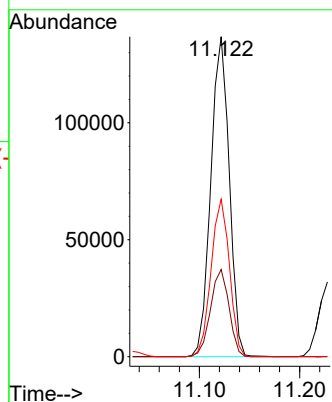
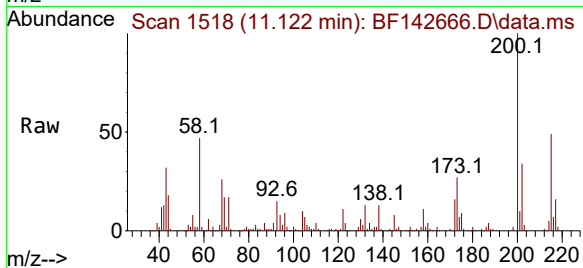
Tgt Ion:200 Resp: 174225

Ion Ratio Lower Upper

200 100

173 27.2 7.4 47.4

215 49.2 28.5 68.5



#70

Pentachlorophenol

Concen: 81.045 ng

RT: 11.228 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142666.D

Acq: 07 Jun 2025 02:38

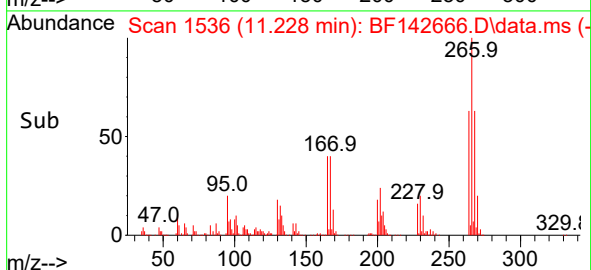
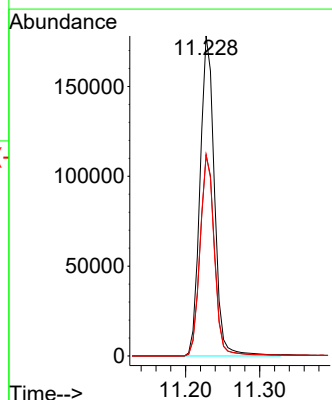
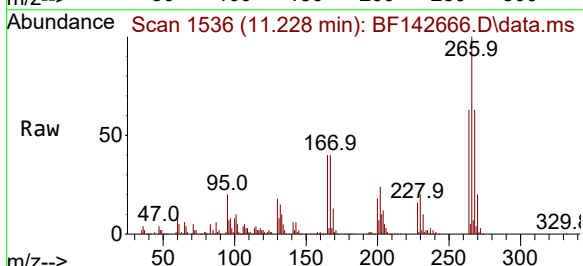
Tgt Ion:266 Resp: 241415

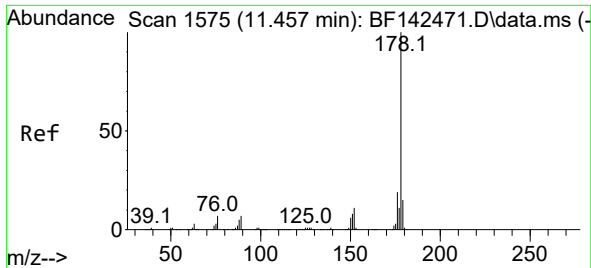
Ion Ratio Lower Upper

266 100

268 62.7 51.7 77.5

264 62.9 50.4 75.6

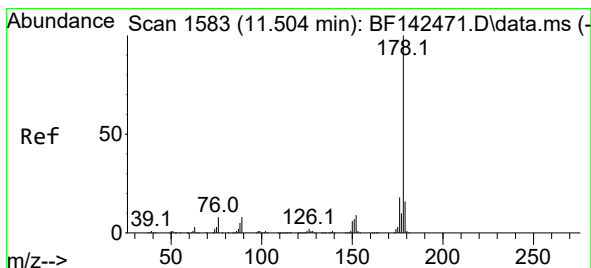
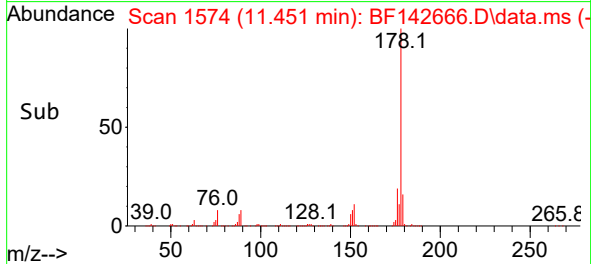
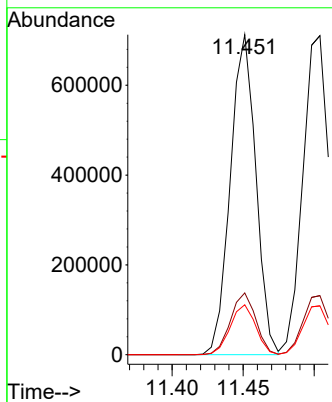
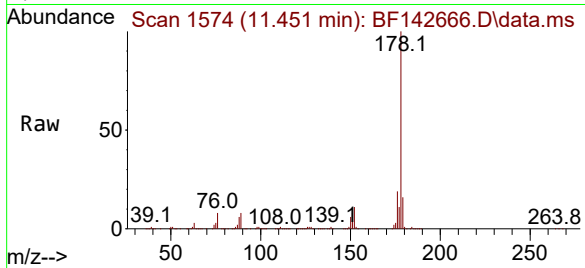




#71
Phenanthrene
Concen: 41.375 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

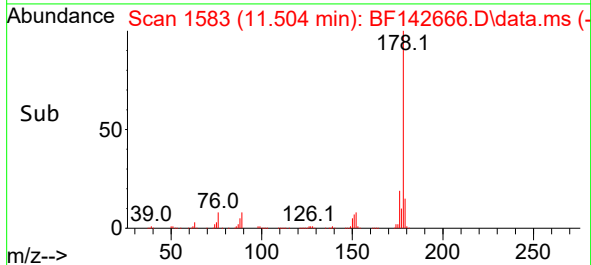
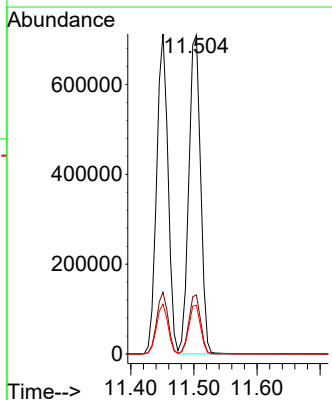
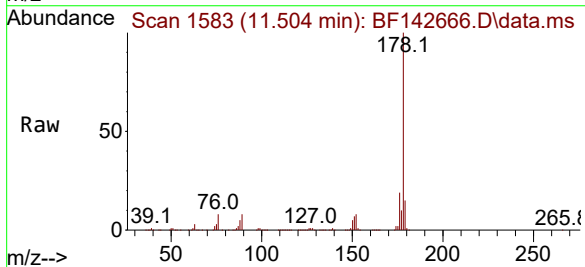
Instrument :
BNA_F
ClientSampleId :
PB168300BS

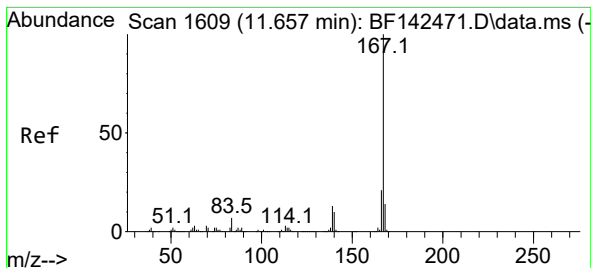
Tgt Ion:178 Resp: 892053
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.6 12.3 18.5



#72
Anthracene
Concen: 41.927 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion:178 Resp: 922552
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.3 12.4 18.6





#73

Carbazole

Concen: 41.045 ng

RT: 11.657 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF142666.D

Acq: 07 Jun 2025 02:38

Instrument :

BNA_F

ClientSampleId :

PB168300BS

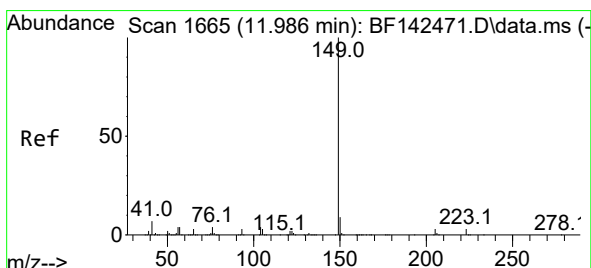
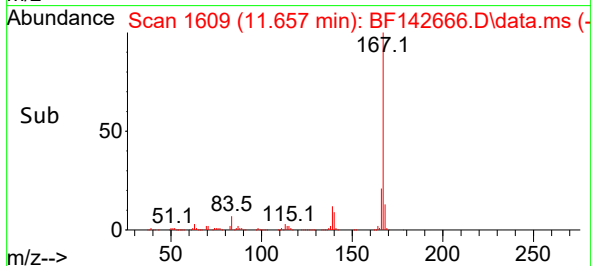
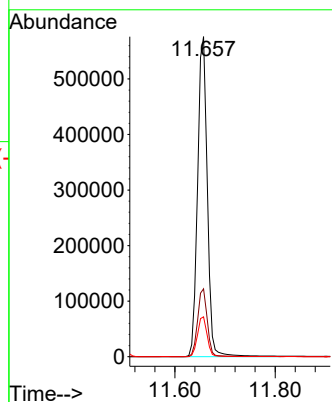
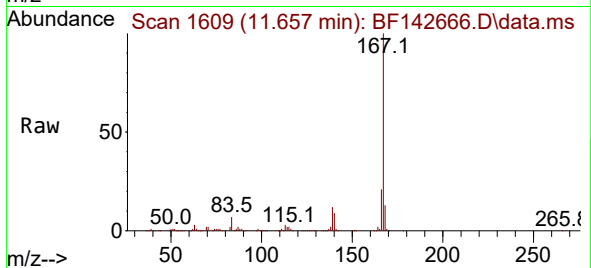
Tgt Ion:167 Resp: 772090

Ion Ratio Lower Upper

167 100

166 21.2 16.9 25.3

139 12.5 10.2 15.4



#74

Di-n-butylphthalate

Concen: 44.046 ng

RT: 11.980 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF142666.D

Acq: 07 Jun 2025 02:38

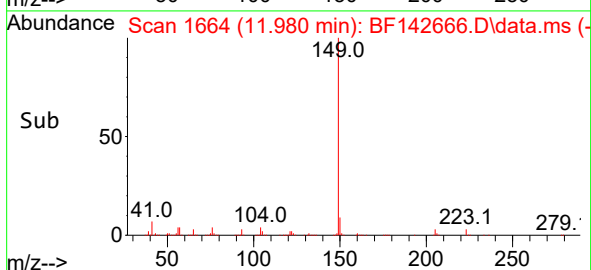
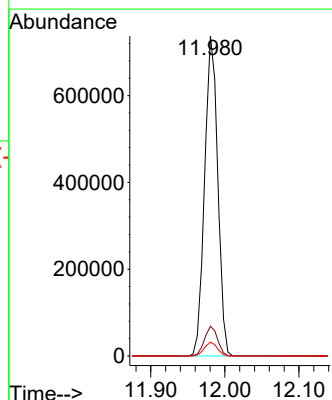
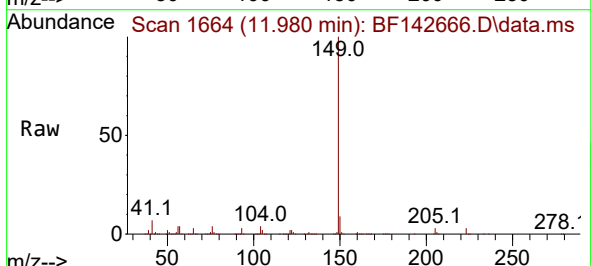
Tgt Ion:149 Resp: 906917

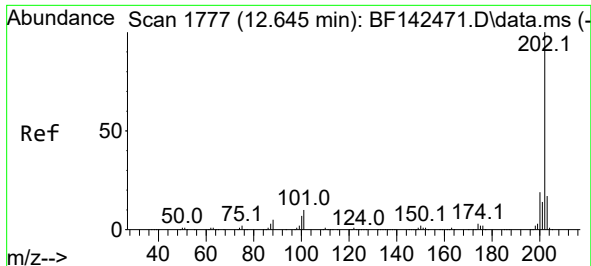
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

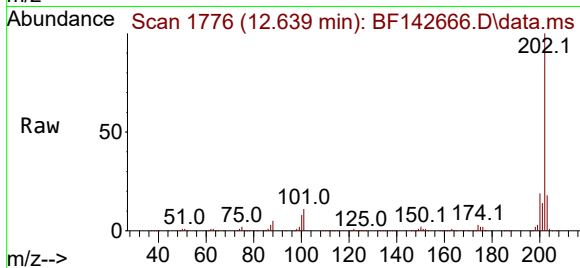
104 4.3 3.6 5.4



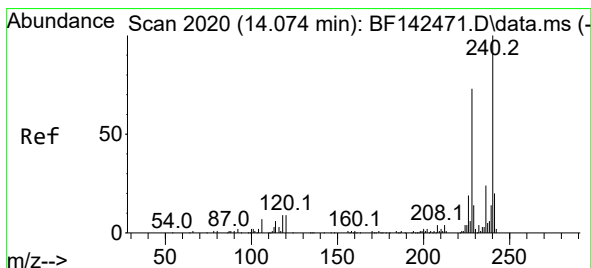
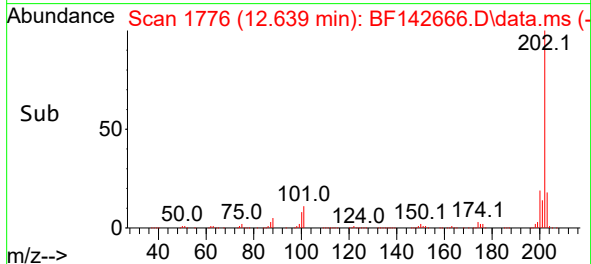
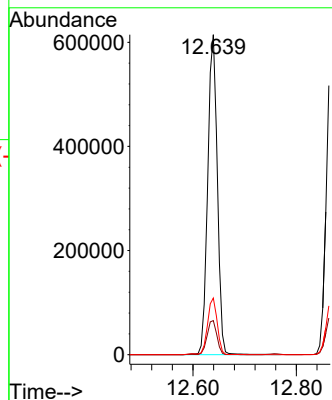


#75
Fluoranthene
Concen: 39.255 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Instrument :
BNA_F
ClientSampleId :
PB168300BS

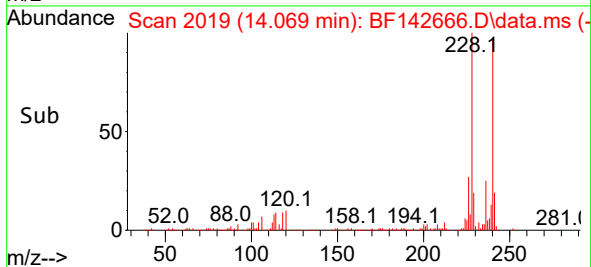
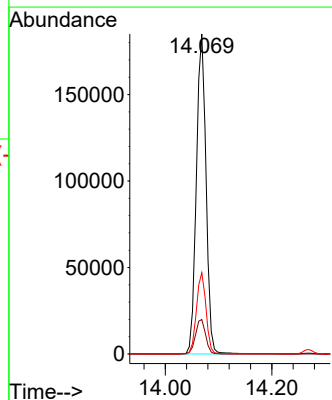
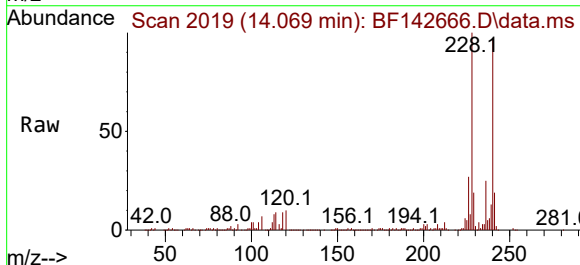


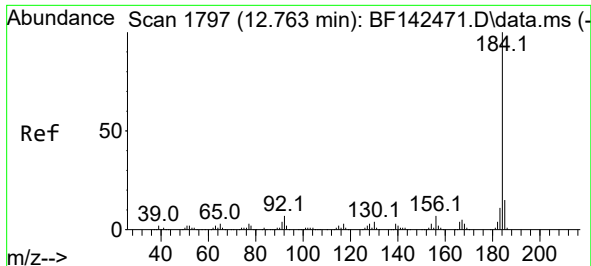
Tgt Ion:202 Resp: 790820
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.6
203 17.7 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

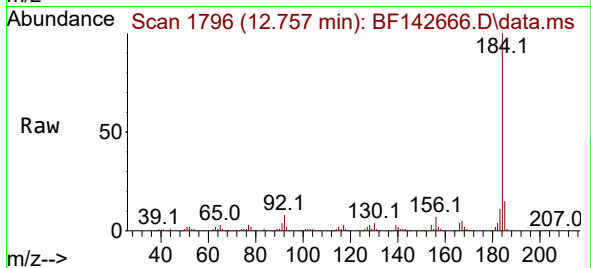
Tgt Ion:240 Resp: 233944
Ion Ratio Lower Upper
240 100
120 10.7 7.5 11.3
236 25.4 19.6 29.4



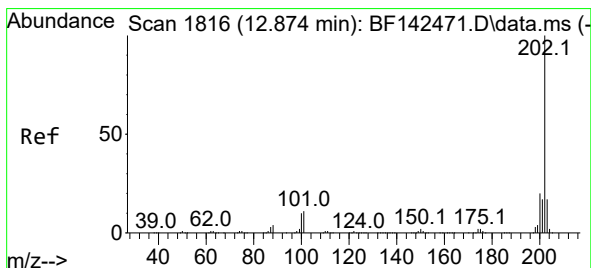
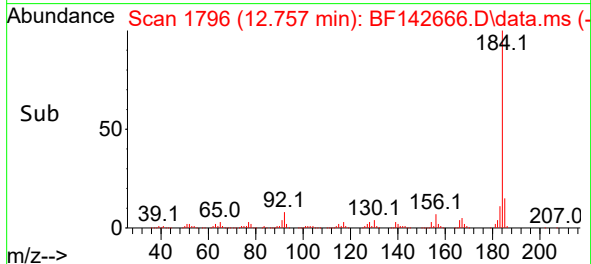
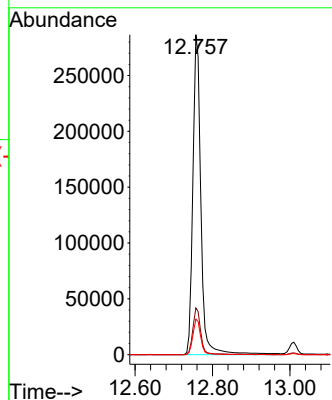


#77
Benzidine
Concen: 47.594 ng
RT: 12.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Instrument :
BNA_F
ClientSampleId :
PB168300BS

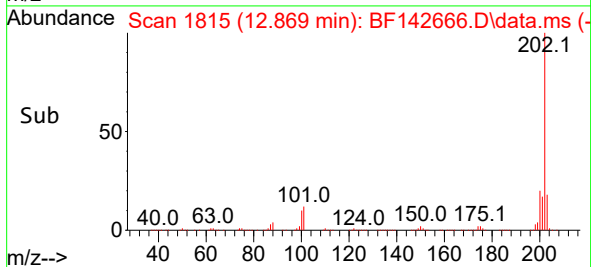
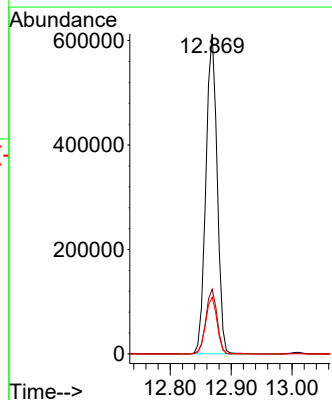
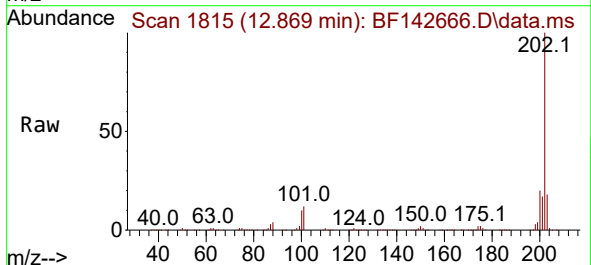


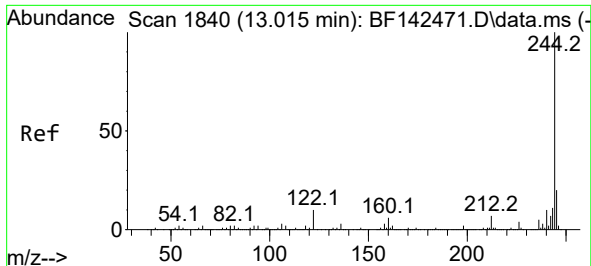
Tgt Ion:184 Resp: 414338
Ion Ratio Lower Upper
184 100
185 14.6 11.6 17.4
183 11.1 9.0 13.4



#78
Pyrene
Concen: 35.999 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion:202 Resp: 785626
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 17.8 13.9 20.9





#79

Terphenyl-d14

Concen: 63.916 ng

RT: 13.010 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142666.D

Acq: 07 Jun 2025 02:38

Instrument :

BNA_F

ClientSampleId :

PB168300BS

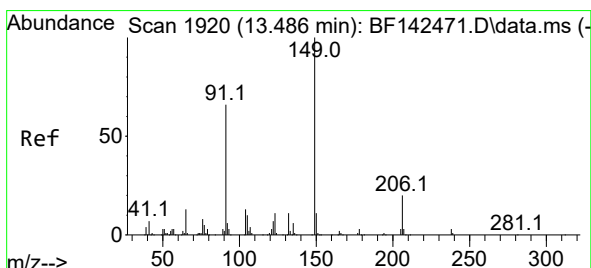
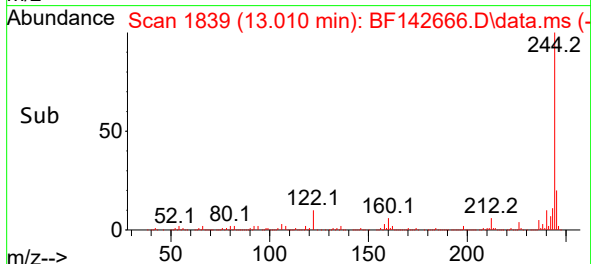
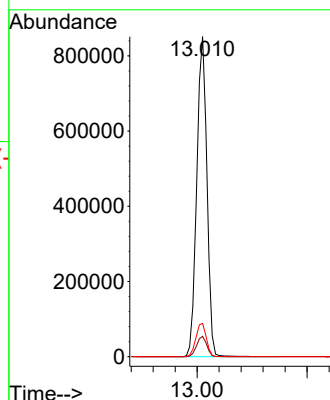
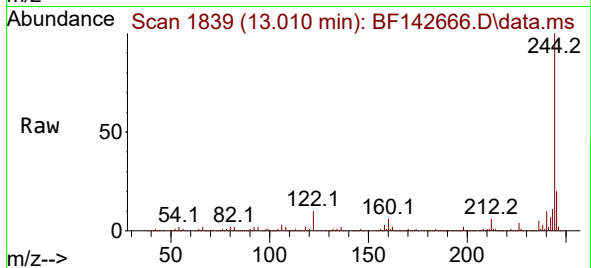
Tgt Ion:244 Resp: 1094203

Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

122 10.4 8.2 12.2



#80

Butylbenzylphthalate

Concen: 48.492 ng

RT: 13.480 min Scan# 1919

Delta R.T. -0.012 min

Lab File: BF142666.D

Acq: 07 Jun 2025 02:38

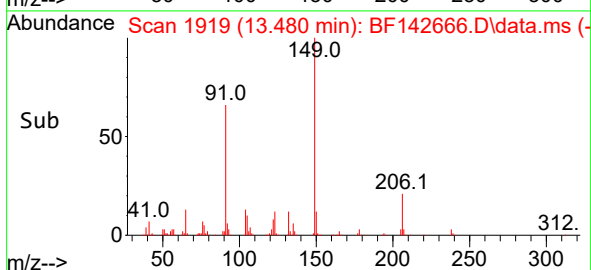
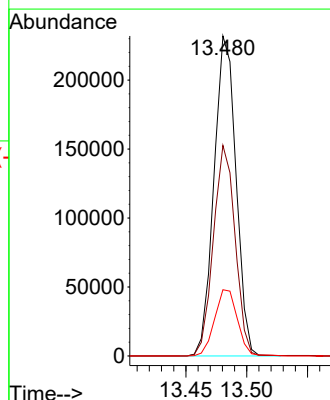
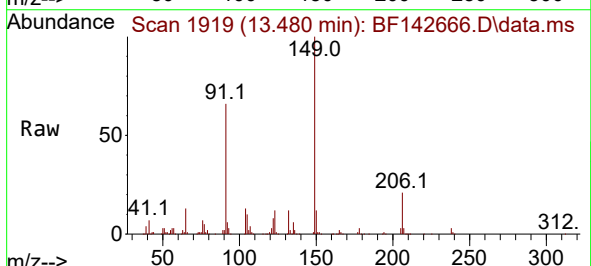
Tgt Ion:149 Resp: 292418

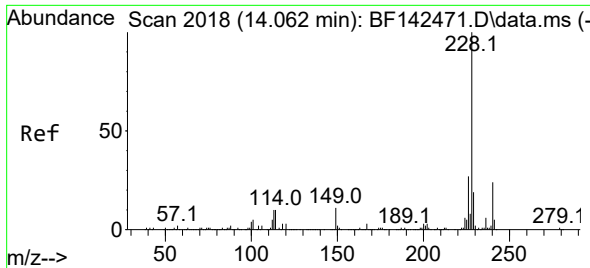
Ion Ratio Lower Upper

149 100

91 65.8 52.9 79.3

206 20.7 16.2 24.2





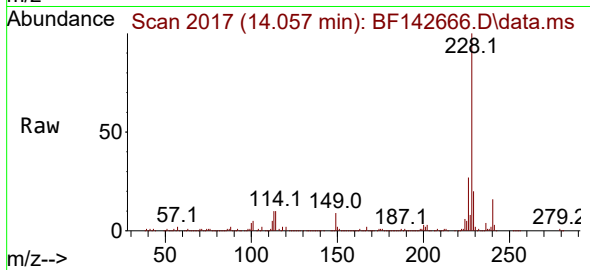
#81
Benzo(a)anthracene
Concen: 43.548 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Instrument :

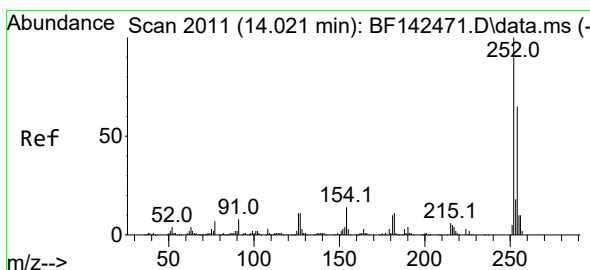
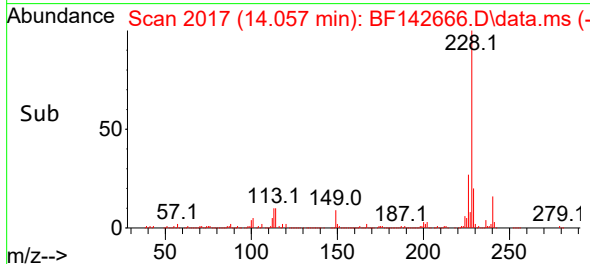
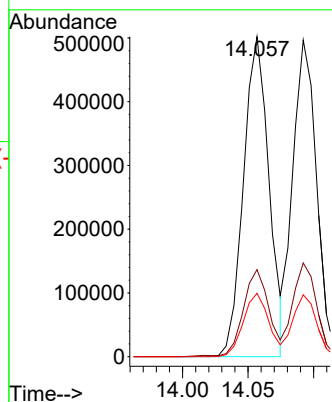
BNA_F

ClientSampleId :

PB168300BS

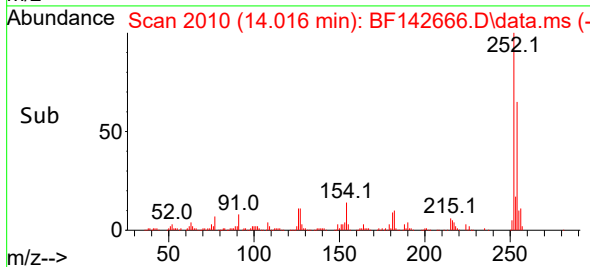
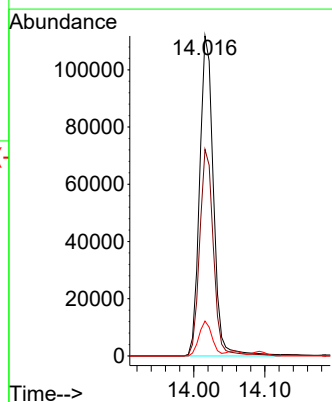
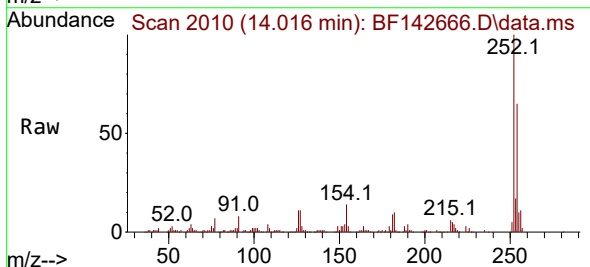


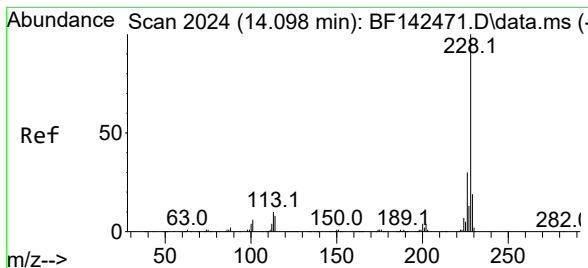
Tgt Ion:228 Resp: 680299
Ion Ratio Lower Upper
228 100
226 27.2 21.2 31.8
229 19.8 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 32.092 ng
RT: 14.016 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion:252 Resp: 152060
Ion Ratio Lower Upper
252 100
254 64.6 52.0 78.0
126 10.9 8.9 13.3





#83

Chrysene

Concen: 44.810 ng

RT: 14.092 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF142666.D

Acq: 07 Jun 2025 02:38

Instrument :

BNA_F

ClientSampleId :

PB168300BS

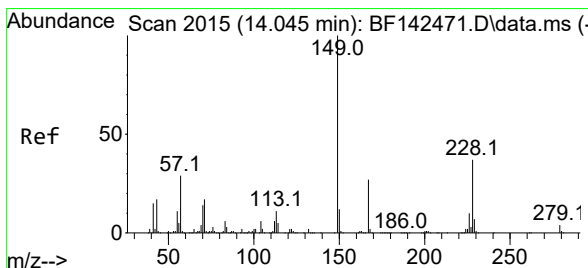
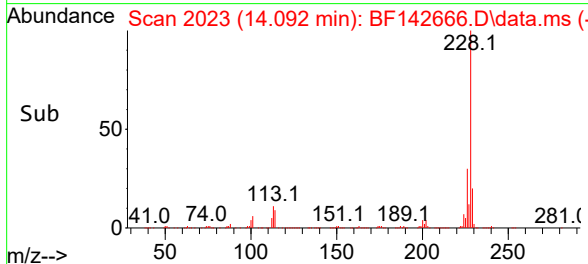
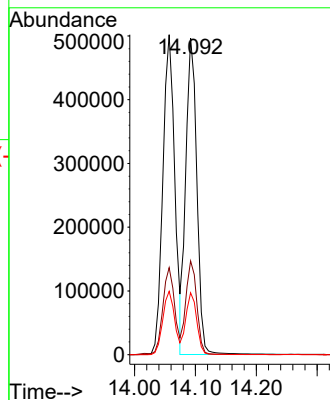
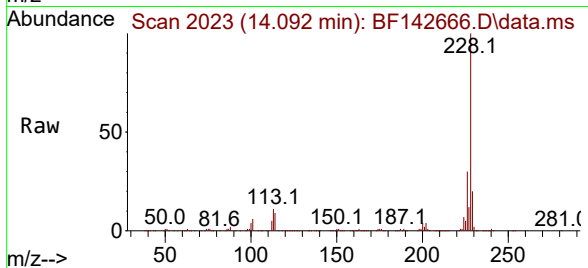
Tgt Ion:228 Resp: 628994

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

229 19.6 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.454 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF142666.D

Acq: 07 Jun 2025 02:38

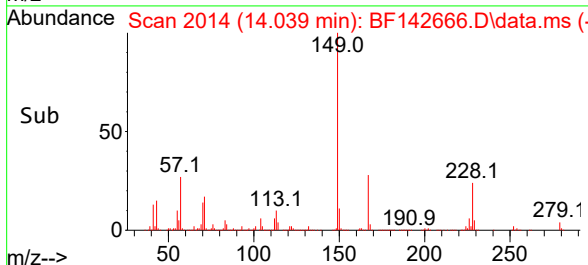
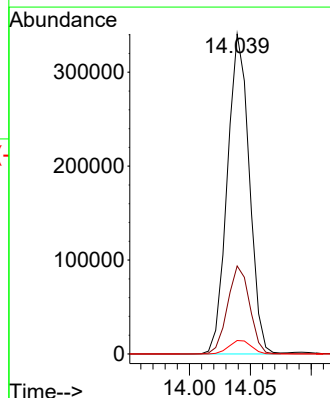
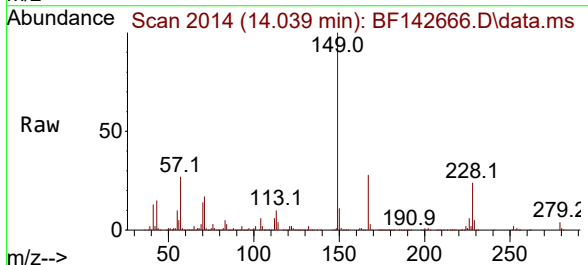
Tgt Ion:149 Resp: 428082

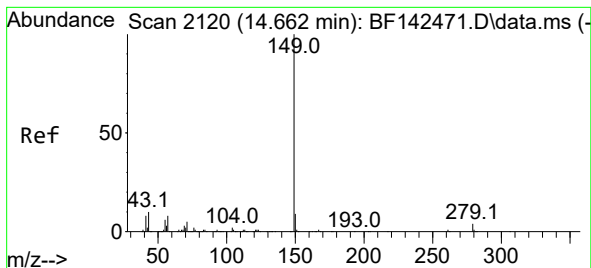
Ion Ratio Lower Upper

149 100

167 27.5 21.5 32.3

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 51.840 ng

RT: 14.657 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF142666.D

Acq: 07 Jun 2025 02:38

Instrument :

BNA_F

ClientSampleId :

PB168300BS

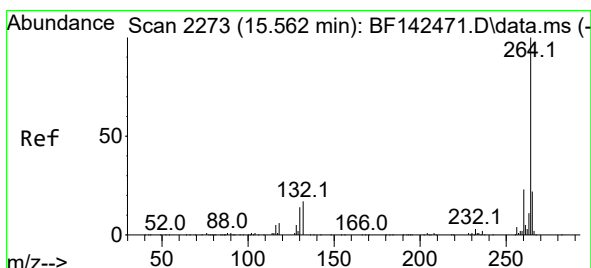
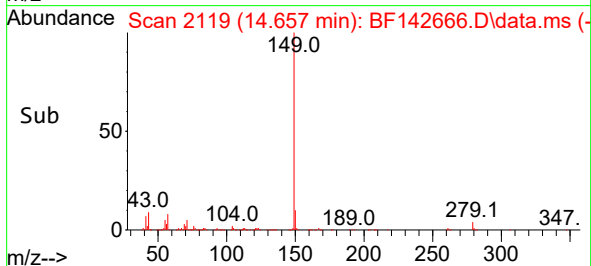
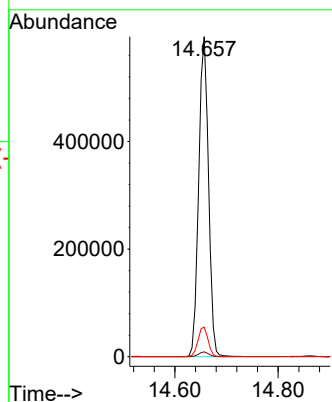
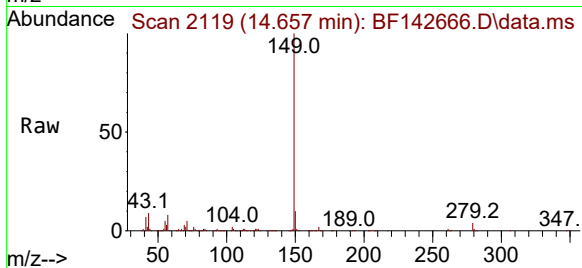
Tgt Ion:149 Resp: 782489

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.5 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142666.D

Acq: 07 Jun 2025 02:38

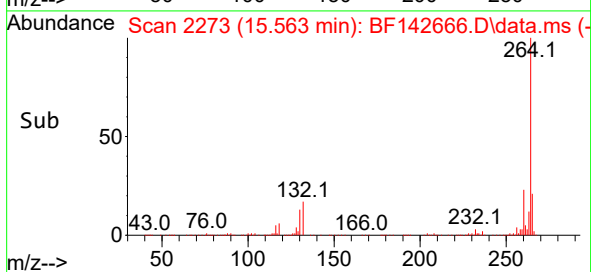
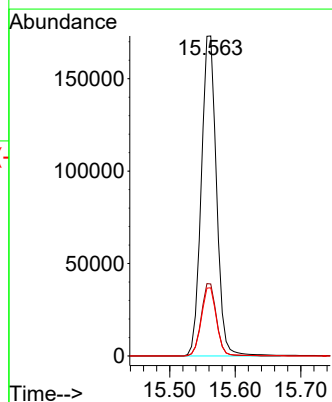
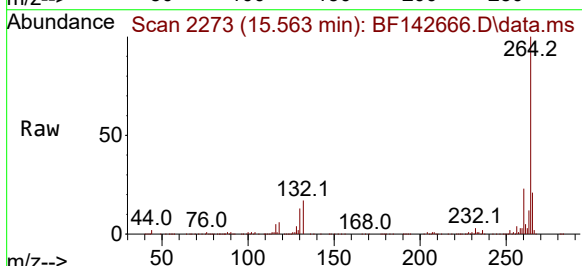
Tgt Ion:264 Resp: 279650

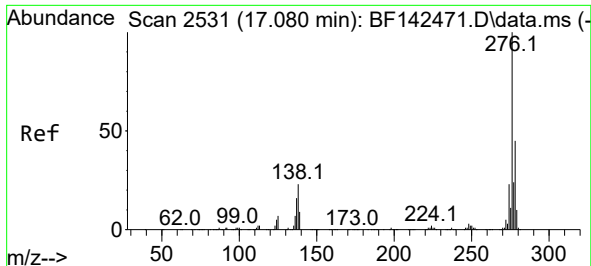
Ion Ratio Lower Upper

264 100

260 22.5 18.6 28.0

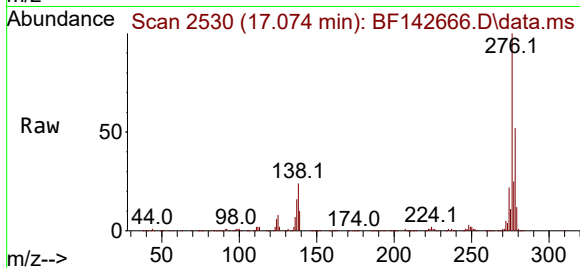
265 21.3 17.7 26.5



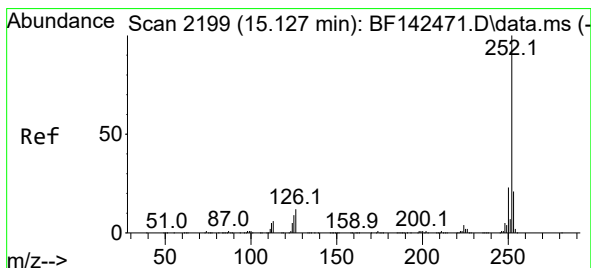
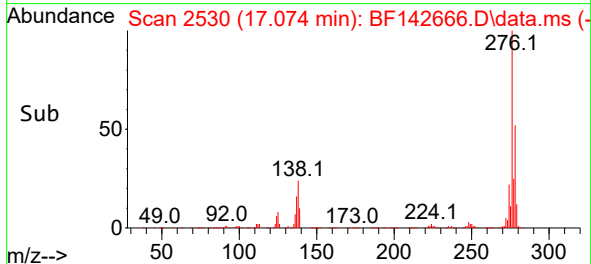
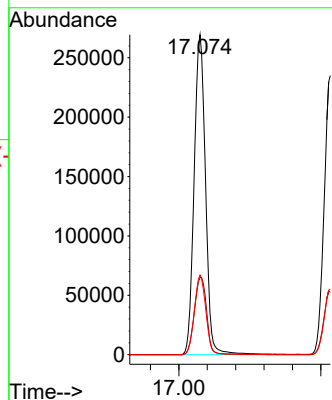


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.860 ng
 RT: 17.074 min Scan# 2198
 Delta R.T. -0.017 min
 Lab File: BF142666.D
 Acq: 07 Jun 2025 02:38

Instrument :
 BNA_F
 ClientSampleId :
 PB168300BS

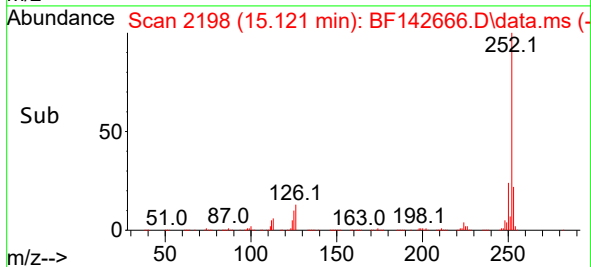
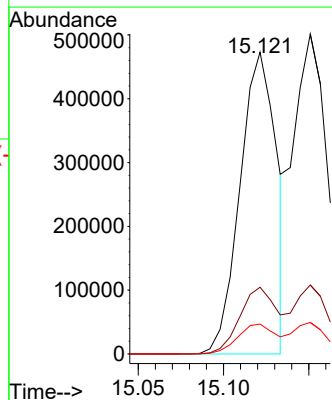
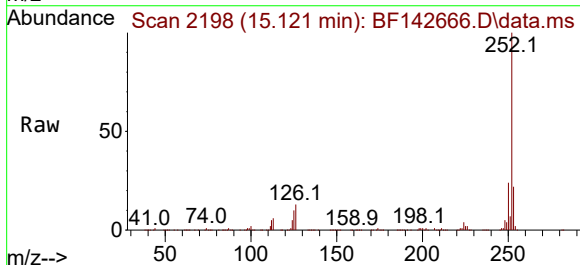


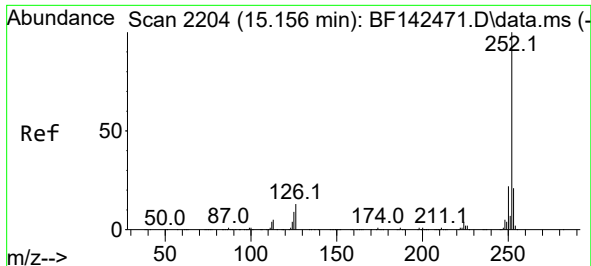
Tgt Ion:276 Resp: 752852
 Ion Ratio Lower Upper
 276 100
 138 25.9 19.9 29.9
 277 25.2 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 42.519 ng
 RT: 15.121 min Scan# 2198
 Delta R.T. -0.006 min
 Lab File: BF142666.D
 Acq: 07 Jun 2025 02:38

Tgt Ion:252 Resp: 703727
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.0 25.4
 125 9.9 7.4 11.0

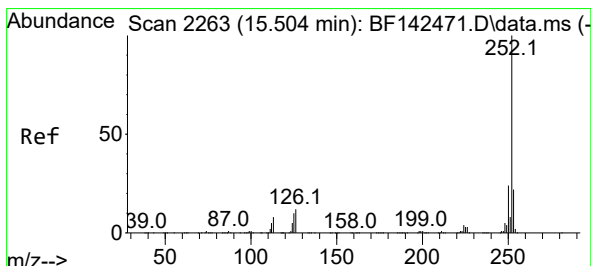
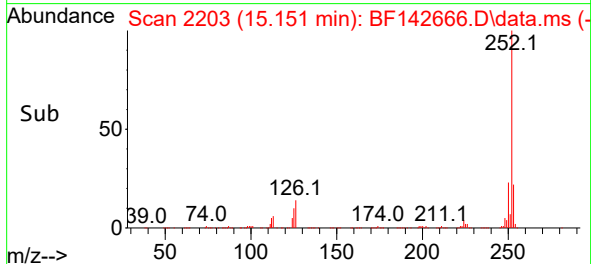
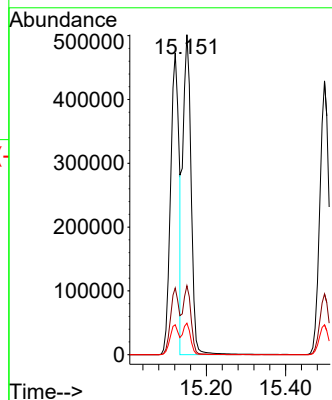
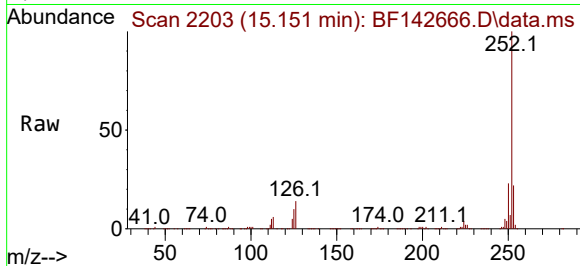




#89
Benzo(k)fluoranthene
Concen: 46.086 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

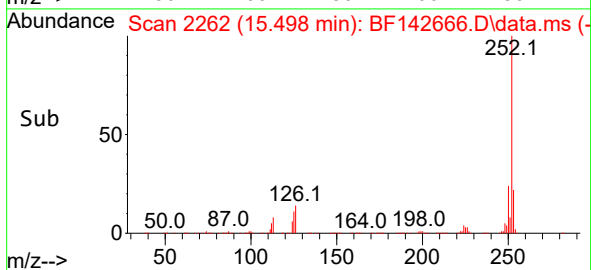
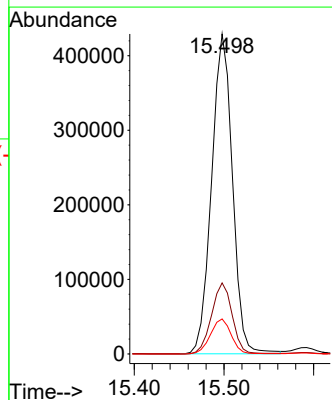
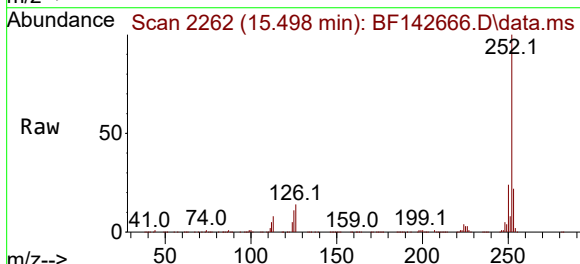
Instrument :
BNA_F
ClientSampleId :
PB168300BS

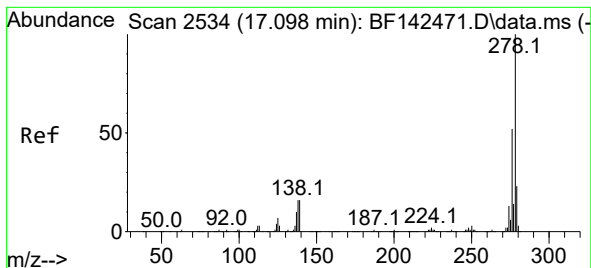
Tgt Ion:252 Resp: 714412
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.4
125 9.9 7.3 10.9



#90
Benzo(a)pyrene
Concen: 44.400 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

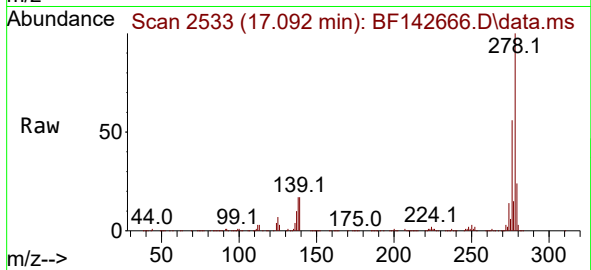
Tgt Ion:252 Resp: 692675
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.9 7.9 11.9



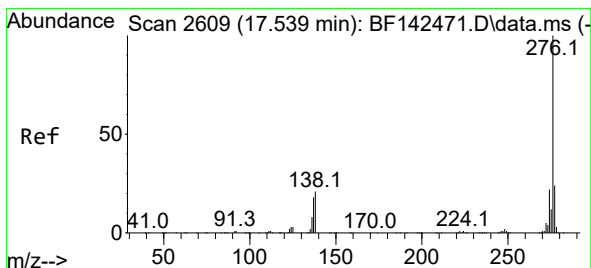
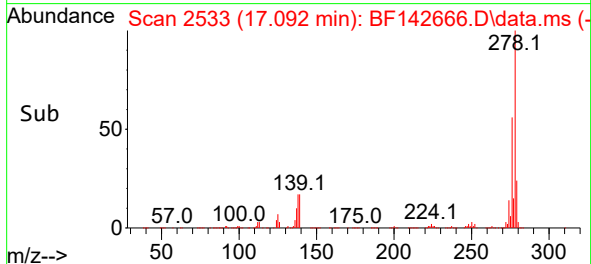
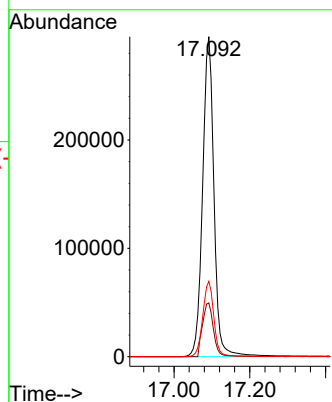


#91
Dibenzo(a,h)anthracene
Concen: 36.145 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Instrument :
BNA_F
ClientSampleId :
PB168300BS



Tgt Ion:278 Resp: 615458
Ion Ratio Lower Upper
278 100
139 16.8 12.8 19.2
279 23.5 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 33.807 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.023 min
Lab File: BF142666.D
Acq: 07 Jun 2025 02:38

Tgt Ion:276 Resp: 575762
Ion Ratio Lower Upper
276 100
277 23.6 19.2 28.8
138 22.4 16.8 25.2

