

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143402.D
 Acq On : 15 Aug 2025 05:23
 Operator : RC/JU
 Sample : PB169230BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169230BSD

Quant Time: Aug 15 08:00:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	150462	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	575193	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	306529	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	442984	20.000	ng	0.00
76) Chrysene-d12	14.098	240	267936	20.000	ng	0.00
86) Perylene-d12	15.592	264	344135	20.000	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1038587	119.365	ng	0.01
7) Phenol-d6	6.569	99	1313768	117.744	ng	0.00
23) Nitrobenzene-d5	7.492	82	870531	94.248	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	349646	156.079	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1545055	85.474	ng	0.00
79) Terphenyl-d14	13.039	244	1320965	88.020	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.840	88	173960	38.637	ng 99
3) Pyridine	3.599	79	427803	35.656	ng 97
4) n-Nitrosodimethylamine	3.540	42	239474	42.848	ng 98
6) Aniline	6.598	93	560227	35.614	ng 97
8) 2-Chlorophenol	6.722	128	425874	45.806	ng 97
9) Benzaldehyde	6.487	77	240135	32.562	ng 96
10) Phenol	6.587	94	546457	41.341	ng 80
11) bis(2-Chloroethyl)ether	6.663	93	416370	42.740	ng 99
12) 1,3-Dichlorobenzene	6.875	146	466630	43.513	ng 99
13) 1,4-Dichlorobenzene	6.951	146	471920	43.846	ng 100
14) 1,2-Dichlorobenzene	7.104	146	460268	45.050	ng 99
15) Benzyl Alcohol	7.075	79	377176	47.158	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	709436	40.791	ng 97
17) 2-Methylphenol	7.187	107	349564	44.542	ng 99
18) Hexachloroethane	7.445	117	159619	47.303	ng 98
19) n-Nitroso-di-n-propyla...	7.345	70	295402	42.846	ng 98
20) 3+4-Methylphenols	7.340	107	404381	42.606	ng 100
22) Acetophenone	7.340	105	555835	43.858	ng 98
24) Nitrobenzene	7.510	77	459202	45.777	ng 99
25) Isophorone	7.751	82	842700	44.692	ng 99
26) 2-Nitrophenol	7.828	139	230190	56.559	ng 98
27) 2,4-Dimethylphenol	7.869	122	390773	49.675	ng 99
28) bis(2-Chloroethoxy)met...	7.957	93	510531	44.346	ng 100
29) 2,4-Dichlorophenol	8.075	162	359560	46.797	ng 99
30) 1,2,4-Trichlorobenzene	8.157	180	384129	47.395	ng 99
31) Naphthalene	8.239	128	1190317	43.007	ng 100
32) Benzoic acid	7.992	122	197064	54.977	ng 98
33) 4-Chloroaniline	8.281	127	297383	29.790	ng 99
34) Hexachlorobutadiene	8.357	225	234188	46.450	ng 99
35) Caprolactam	8.651	113	73088	33.838	ng 95
36) 4-Chloro-3-methylphenol	8.769	107	371373	46.105	ng 99
37) 2-Methylnaphthalene	8.928	142	723299	39.751	ng 99
38) 1-Methylnaphthalene	9.028	142	747959	42.681	ng 99
40) 1,2,4,5-Tetrachloroben...	9.098	216	376702	44.910	ng 99
41) Hexachlorocyclopentadiene	9.086	237	384088	125.687	ng 99
43) 2,4,6-Trichlorophenol	9.210	196	236484	49.690	ng 98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143402.D
 Acq On : 15 Aug 2025 05:23
 Operator : RC/JU
 Sample : PB169230BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

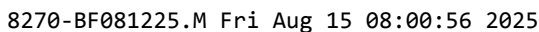
Instrument :
 BNA_F
 ClientSampleId :
 PB169230BSD

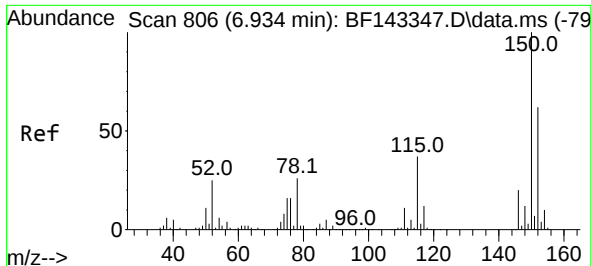
Quant Time: Aug 15 08:00:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	255666	47.571	ng	98
46) 1,1'-Biphenyl	9.392	154	965508	44.548	ng	99
47) 2-Chloronaphthalene	9.416	162	748550	43.853	ng	99
48) 2-Nitroaniline	9.510	65	237887	48.303	ng	97
49) Acenaphthylene	9.833	152	1205365	48.899	ng	100
50) Dimethylphthalate	9.686	163	869180	48.528	ng	100
51) 2,6-Dinitrotoluene	9.751	165	190890	55.808	ng	90
52) Acenaphthene	10.004	154	758483	46.283	ng	100
53) 3-Nitroaniline	9.922	138	138955	37.883	ng	95
54) 2,4-Dinitrophenol	10.028	184	145013	93.171	ng	# 82
55) Dibenzofuran	10.175	168	1041882	44.175	ng	98
56) 4-Nitrophenol	10.086	139	236880	80.750	ng	98
57) 2,4-Dinitrotoluene	10.157	165	252116	55.551	ng	89
58) Fluorene	10.522	166	785173	43.584	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.298	232	214180	59.119	ng	97
60) Diethylphthalate	10.386	149	790403	49.267	ng	99
61) 4-Chlorophenyl-phenyle...	10.510	204	390000	44.803	ng	100
62) 4-Nitroaniline	10.533	138	178839	50.394	ng	98
63) Azobenzene	10.669	77	803297	43.837	ng	98
65) 4,6-Dinitro-2-methylph...	10.569	198	115661	62.034	ng	86
66) n-Nitrosodiphenylamine	10.628	169	684414	46.921	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	247617	48.875	ng	99
68) Hexachlorobenzene	11.075	284	263304	48.215	ng	98
69) Atrazine	11.151	200	206268	54.217	ng	99
70) Pentachlorophenol	11.269	266	238029	88.377	ng	98
71) Phenanthrene	11.480	178	1101447	45.573	ng	100
72) Anthracene	11.533	178	1103636	45.026	ng	100
73) Carbazole	11.686	167	918313	43.991	ng	99
74) Di-n-butylphthalate	12.010	149	1019694	57.726	ng	100
75) Fluoranthene	12.669	202	959076	45.301	ng	99
77) Benzidine	12.786	184	448495	61.227	ng	99
78) Pyrene	12.898	202	958541	42.645	ng	100
80) Butylbenzylphthalate	13.510	149	316736	69.681	ng	96
81) Benzo(a)anthracene	14.086	228	792229	46.520	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	176392	38.359	ng	99
83) Chrysene	14.127	228	758241	47.750	ng	100
84) Bis(2-ethylhexyl)phtha...	14.068	149	431370	64.528	ng	98
85) Di-n-octyl phthalate	14.686	149	817569	60.987	ng	94
87) Indeno(1,2,3-cd)pyrene	17.127	276	1165050	47.254	ng	99
88) Benzo(b)fluoranthene	15.157	252	914618	48.591	ng	99
89) Benzo(k)fluoranthene	15.186	252	838259	45.832	ng	99
90) Benzo(a)pyrene	15.533	252	881315	49.713	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	936697	47.556	ng	98
92) Benzo(g,h,i)perylene	17.586	276	943364	47.544	ng	100

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

Quant Time: Aug 15 08:00:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

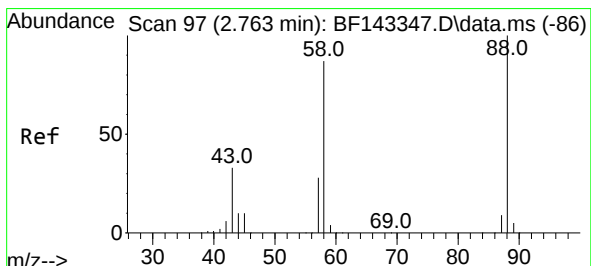
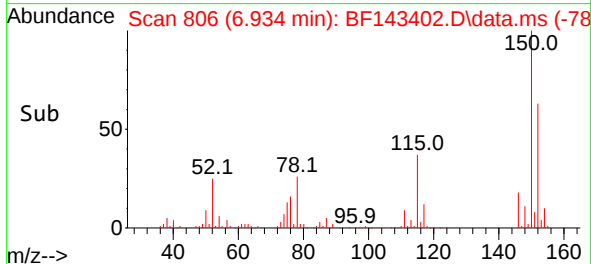
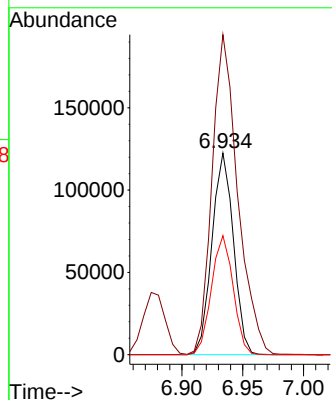
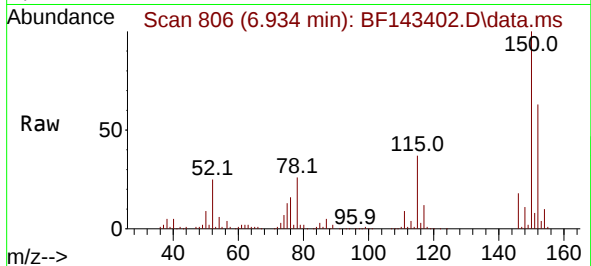




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.934 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF143402.D
 Acq: 15 Aug 2025 05:23

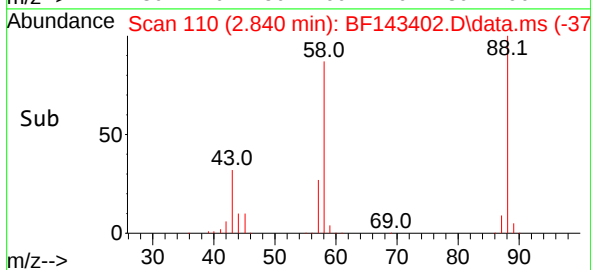
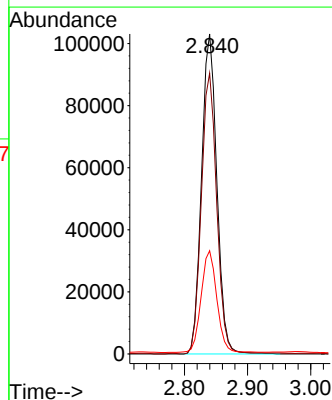
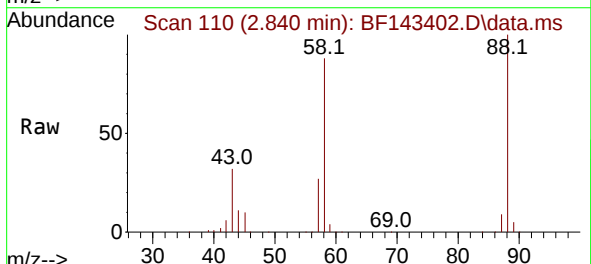
Instrument :
 BNA_F
 ClientSampleId :
 PB169230BSD

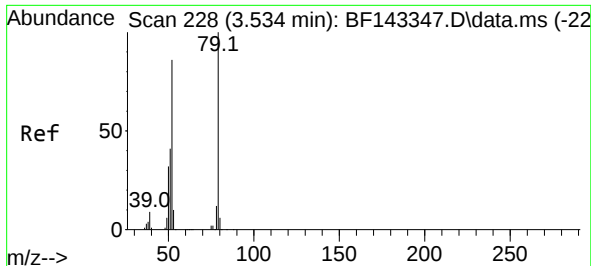
Tgt Ion:152 Resp: 150462
 Ion Ratio Lower Upper
 152 100
 150 158.7 129.8 194.8
 115 59.1 47.8 71.8



#2
 1,4-Dioxane
 Concen: 38.637 ng
 RT: 2.840 min Scan# 110
 Delta R.T. 0.076 min
 Lab File: BF143402.D
 Acq: 15 Aug 2025 05:23

Tgt Ion: 88 Resp: 173960
 Ion Ratio Lower Upper
 88 100
 58 88.0 71.0 106.6
 43 32.7 27.0 40.6





#3

Pyridine

Concen: 35.656 ng

RT: 3.599 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA_F

ClientSampleId :

PB169230BSD

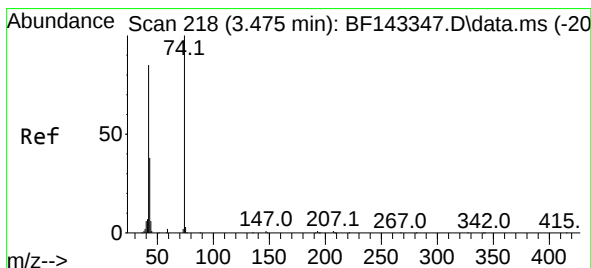
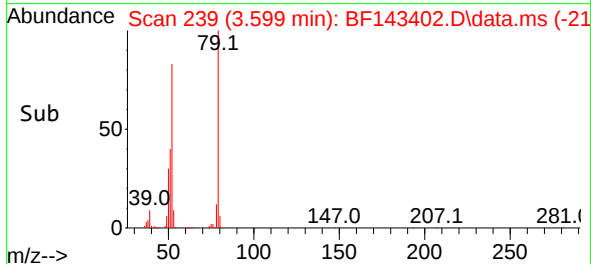
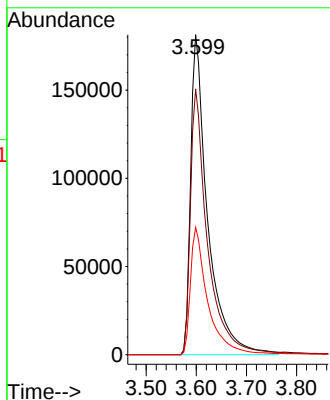
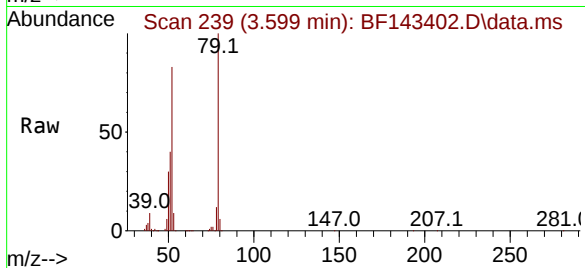
Tgt Ion: 79 Resp: 427803

Ion Ratio Lower Upper

79 100

52 83.1 68.7 103.1

51 39.8 33.4 50.0



#4

n-Nitrosodimethylamine

Concen: 42.848 ng

RT: 3.540 min Scan# 229

Delta R.T. 0.065 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

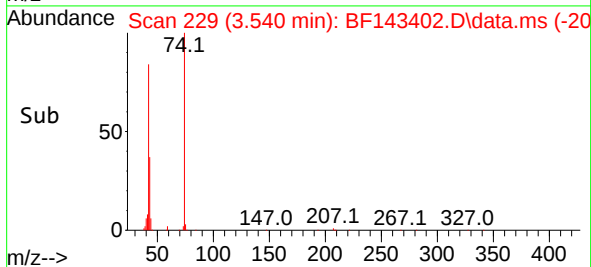
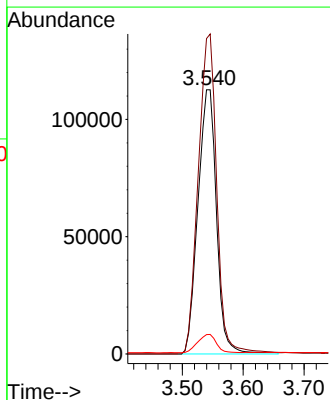
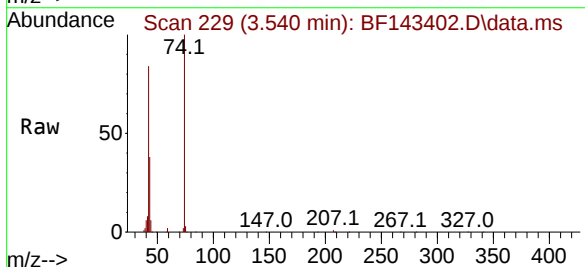
Tgt Ion: 42 Resp: 239474

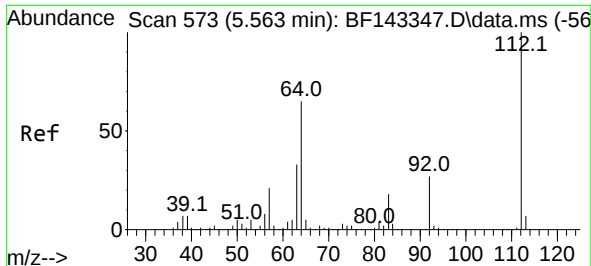
Ion Ratio Lower Upper

42 100

74 119.4 94.1 141.1

44 7.3 6.5 9.7

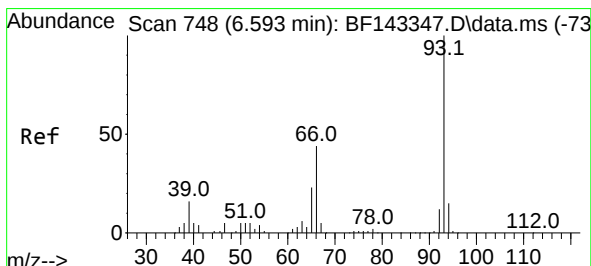
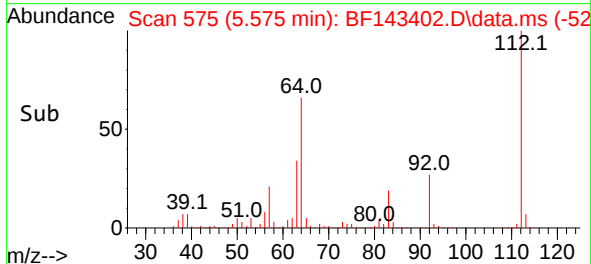
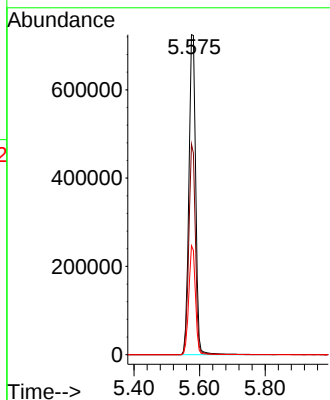
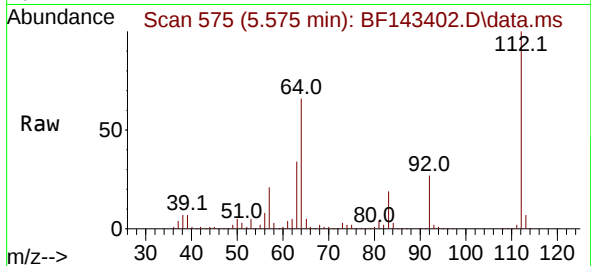




#5
2-Fluorophenol
Concen: 119.365 ng
RT: 5.575 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

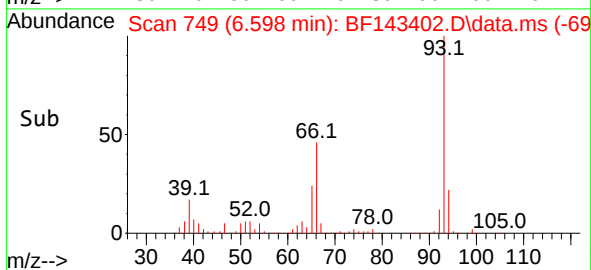
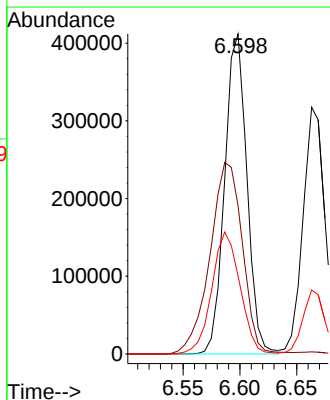
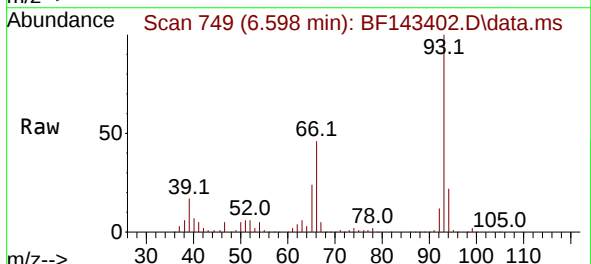
Instrument :
BNA_F
ClientSampleId :
PB169230BSD

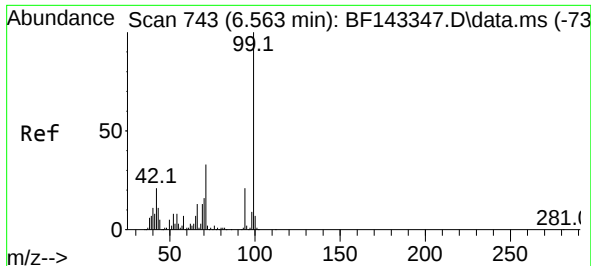
Tgt Ion:112 Resp: 1038587
Ion Ratio Lower Upper
112 100
64 65.8 52.1 78.1
63 34.1 26.6 39.8



#6
Aniline
Concen: 35.614 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

Tgt Ion: 93 Resp: 560227
Ion Ratio Lower Upper
93 100
66 46.4 35.3 52.9
65 24.4 18.2 27.4

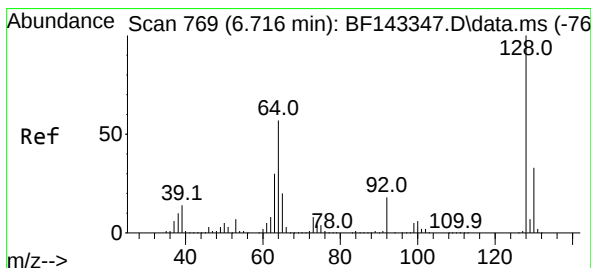
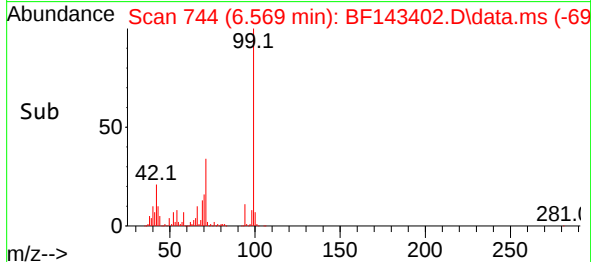
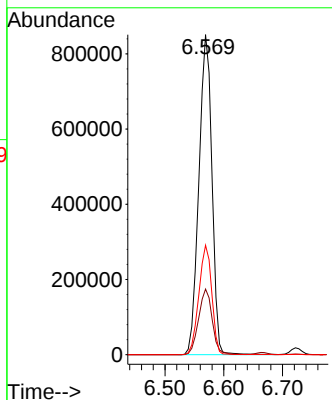
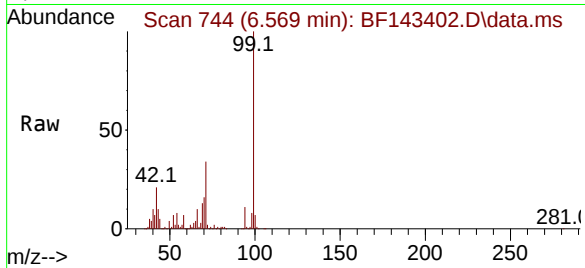




#7
Phenol-d6
Concen: 117.744 ng
RT: 6.569 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

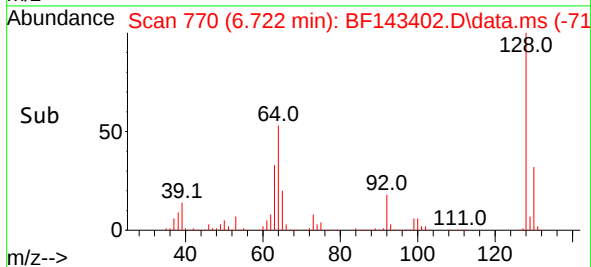
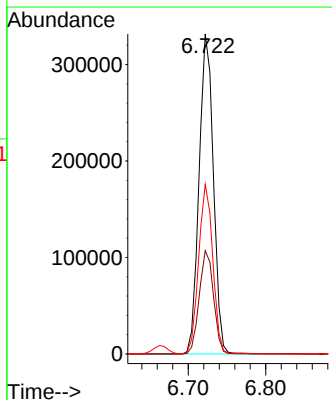
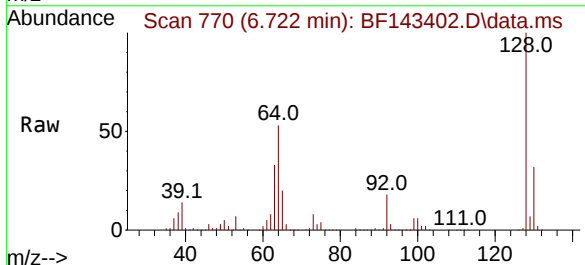
Instrument :
BNA_F
ClientSampleId :
PB169230BSD

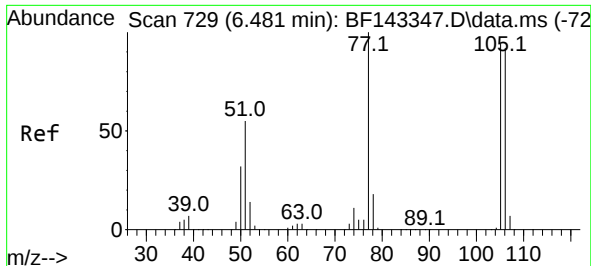
Tgt Ion: 99 Resp: 1313768
Ion Ratio Lower Upper
99 100
42 20.5 16.6 25.0
71 34.2 26.2 39.2



#8
2-Chlorophenol
Concen: 45.806 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

Tgt Ion: 128 Resp: 425874
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 53.0 36.7 76.7





#9

Benzaldehyde

Concen: 32.562 ng

RT: 6.487 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA_F

ClientSampleId :

PB169230BSD

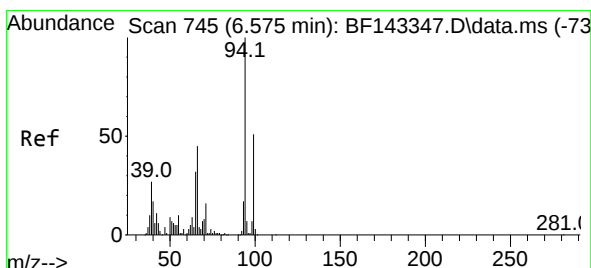
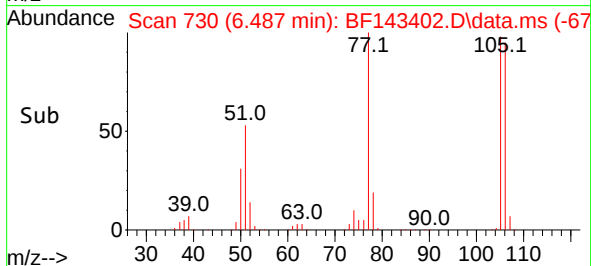
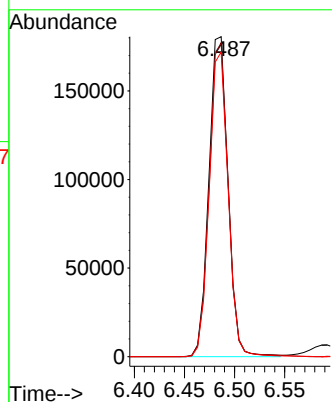
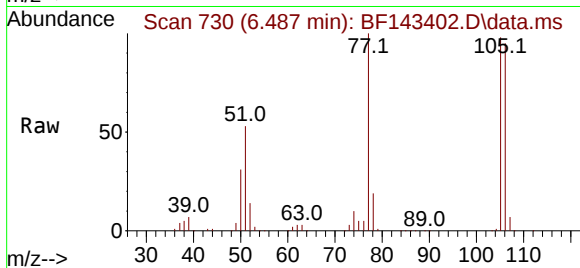
Tgt Ion: 77 Resp: 240135

Ion Ratio Lower Upper

77 100

105 98.1 74.2 114.2

106 95.2 72.2 112.2



#10

Phenol

Concen: 41.341 ng

RT: 6.587 min Scan# 747

Delta R.T. 0.012 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

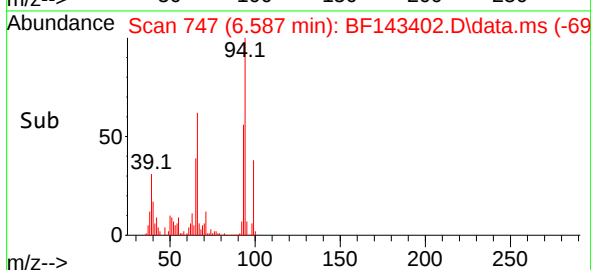
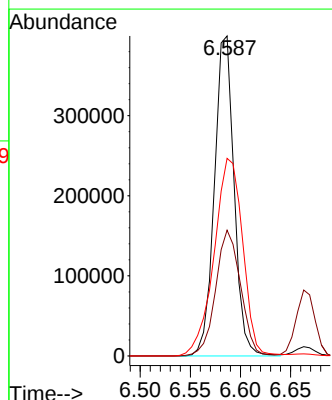
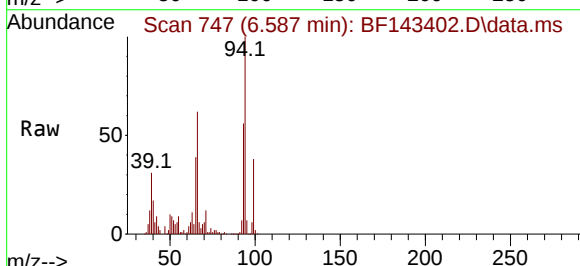
Tgt Ion: 94 Resp: 546457

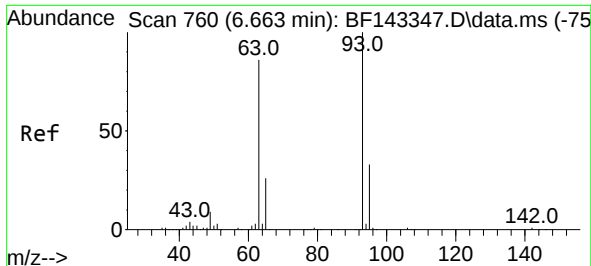
Ion Ratio Lower Upper

94 100

65 39.3 12.0 52.0

66 61.7 25.6 65.6





#11

bis(2-Chloroethyl)ether

Concen: 42.740 ng

RT: 6.663 min Scan# 760

Delta R.T. -0.000 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA_F

ClientSampleId :

PB169230BSD

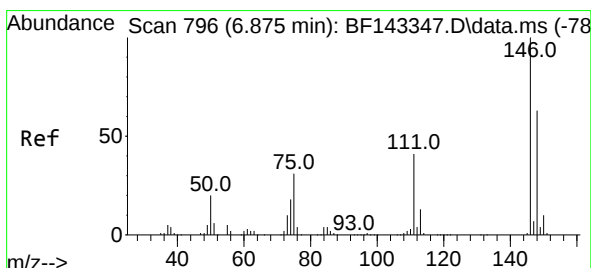
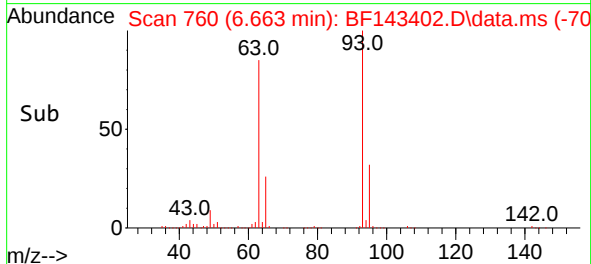
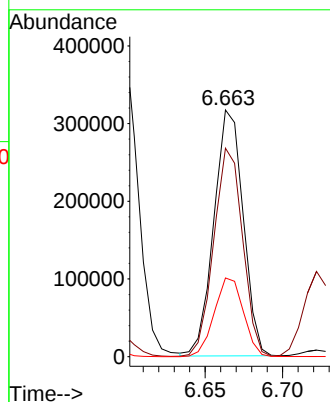
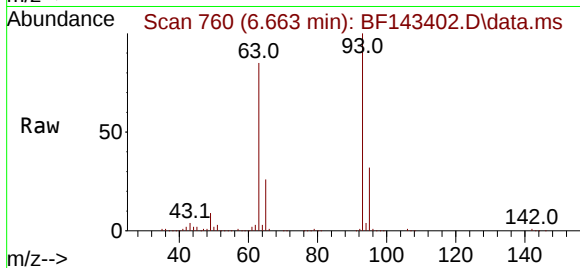
Tgt Ion: 93 Resp: 416370

Ion Ratio Lower Upper

93 100

63 84.5 65.7 105.7

95 31.9 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 43.513 ng

RT: 6.875 min Scan# 796

Delta R.T. -0.000 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

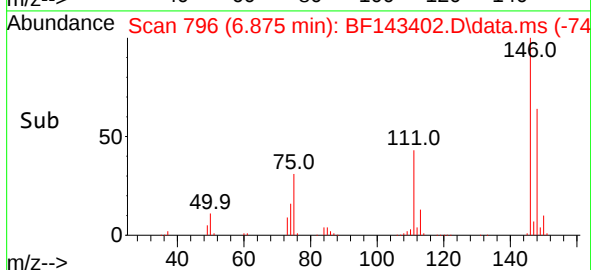
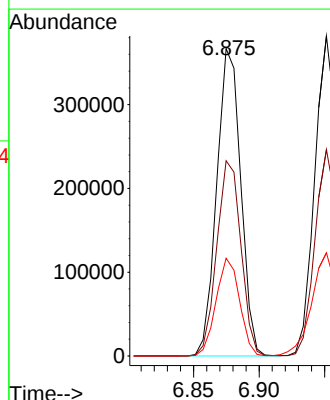
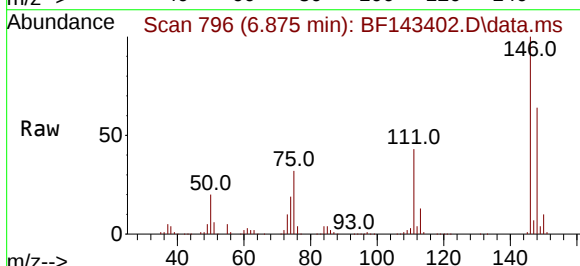
Tgt Ion: 146 Resp: 466630

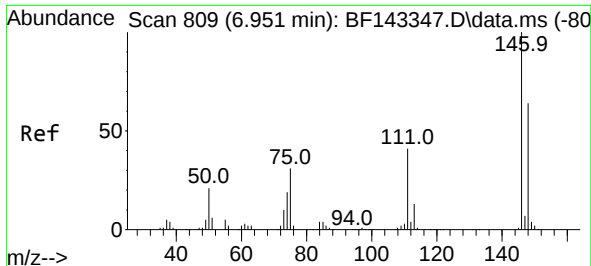
Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

75 31.8 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 43.846 ng

RT: 6.951 min Scan# 809

Delta R.T. -0.000 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA_F

ClientSampleId :

PB169230BSD

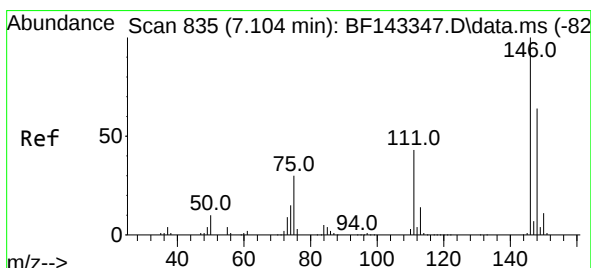
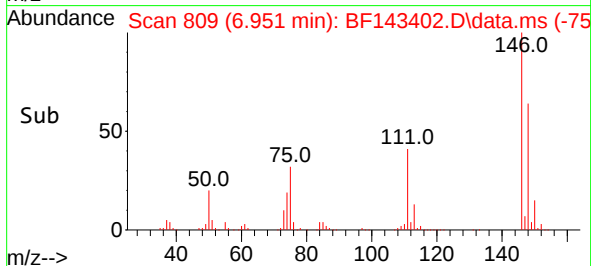
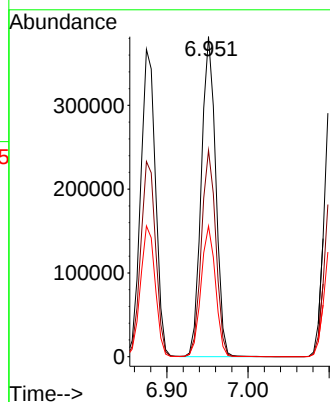
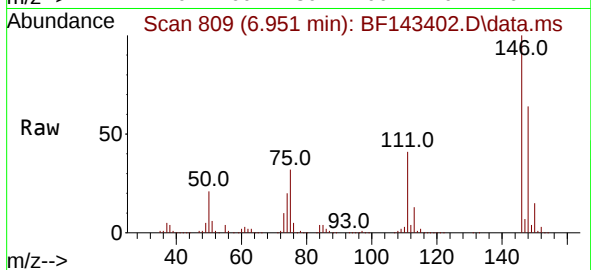
Tgt Ion:146 Resp: 471920

Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.0

111 40.8 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 45.050 ng

RT: 7.104 min Scan# 835

Delta R.T. -0.000 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

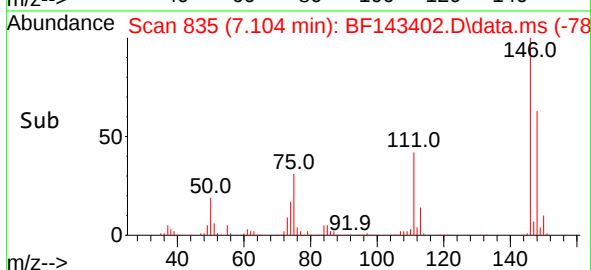
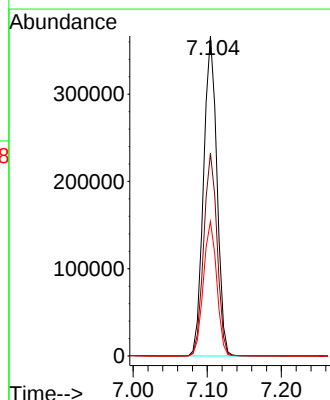
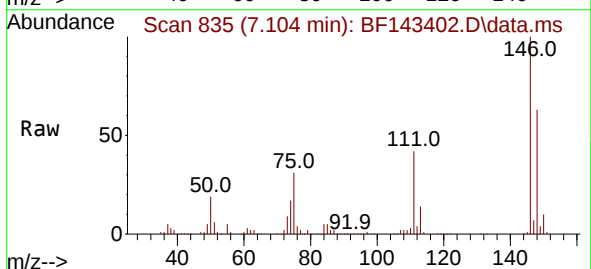
Tgt Ion:146 Resp: 460268

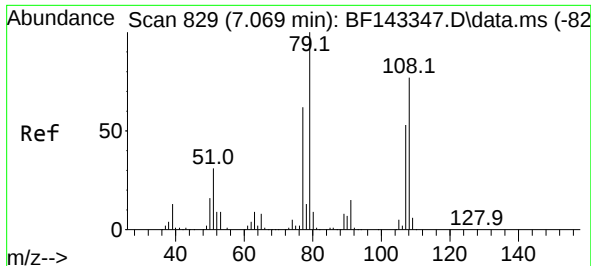
Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.2

111 42.0 34.1 51.1

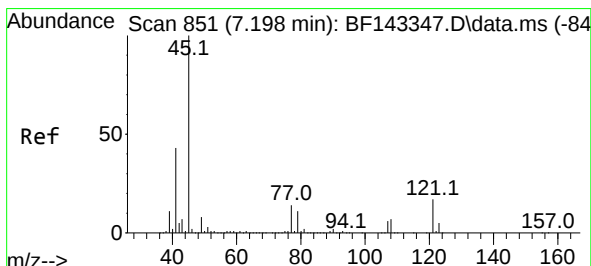
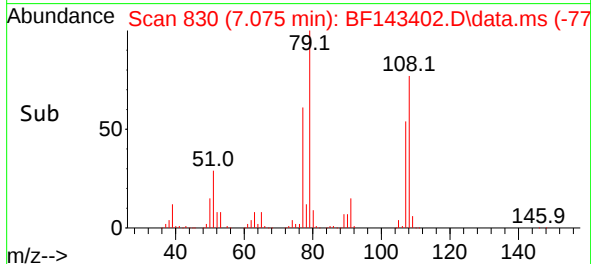
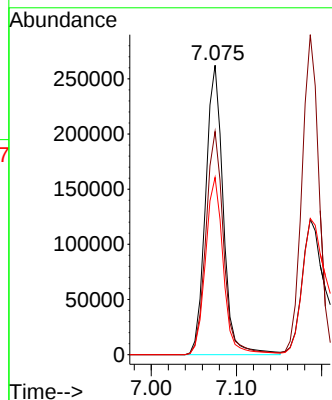
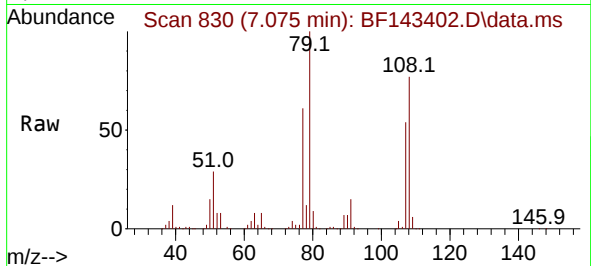




#15
Benzyl Alcohol
Concen: 47.158 ng
RT: 7.075 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

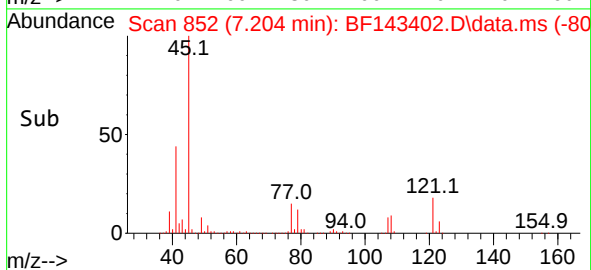
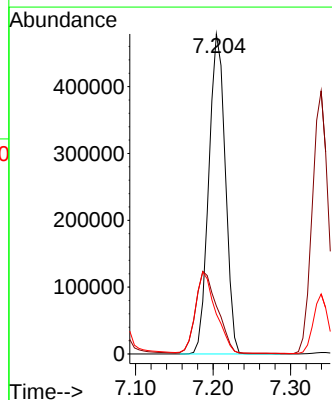
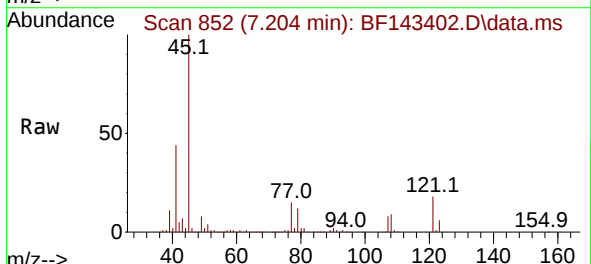
Instrument :
BNA_F
ClientSampleId :
PB169230BSD

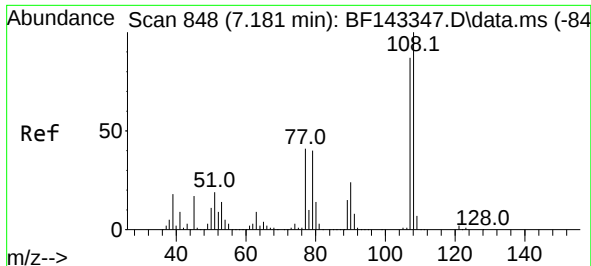
Tgt Ion: 79 Resp: 377176
Ion Ratio Lower Upper
79 100
108 77.1 61.5 92.3
77 61.2 49.8 74.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.791 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

Tgt Ion: 45 Resp: 709436
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.0
79 12.4 0.0 31.1

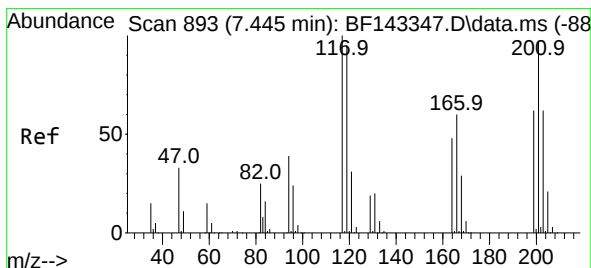
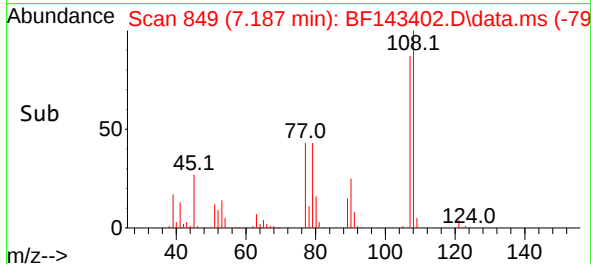
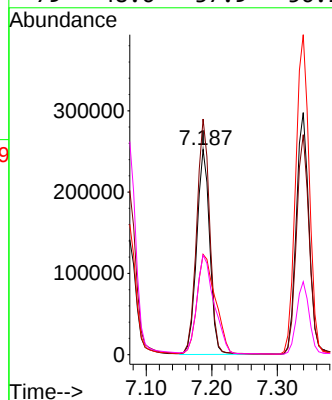
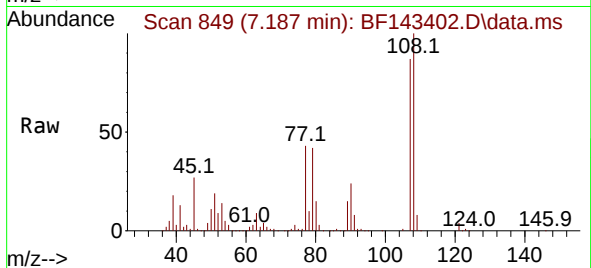




#17
2-Methylphenol
Concen: 44.542 ng
RT: 7.187 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

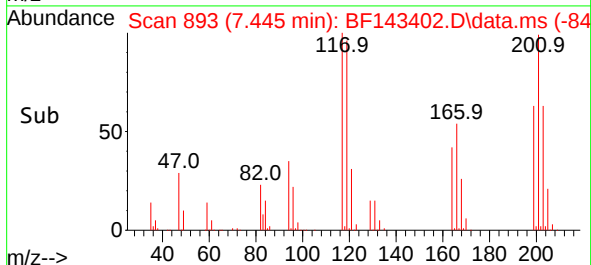
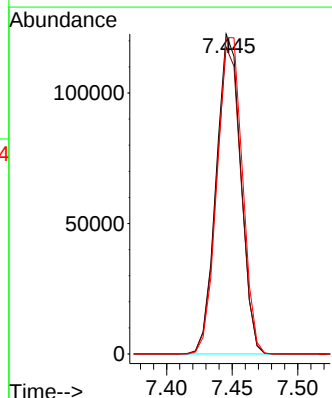
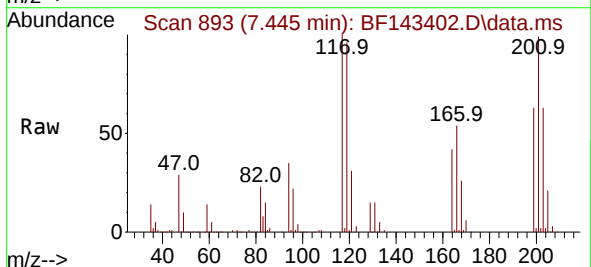
Instrument :
BNA_F
ClientSampleId :
PB169230BSD

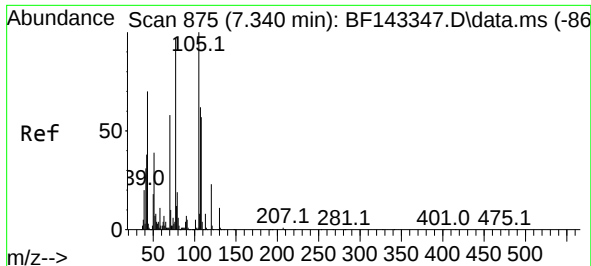
Tgt Ion:	107	Resp:	349564
Ion	Ratio	Lower	Upper
107	100		
108	114.9	92.0	138.0
77	48.9	38.2	57.2
79	48.6	37.9	56.9



#18
Hexachloroethane
Concen: 47.303 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

Tgt Ion:	117	Resp:	159619
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.8	113.8
201	98.9	77.2	115.8

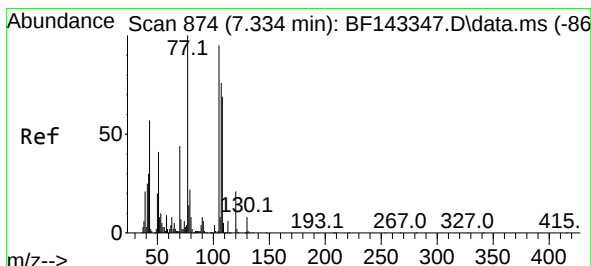
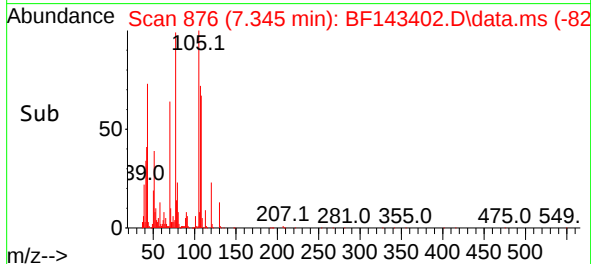
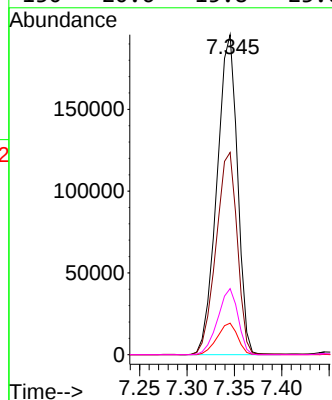
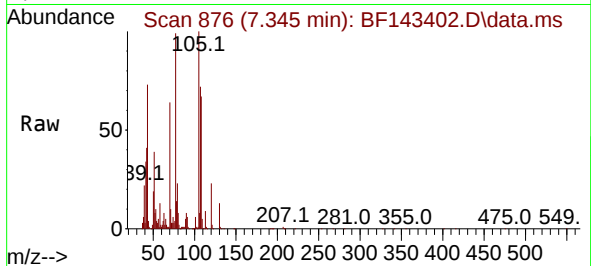




#19
n-Nitroso-di-n-propylamine
Concen: 42.846 ng
RT: 7.345 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

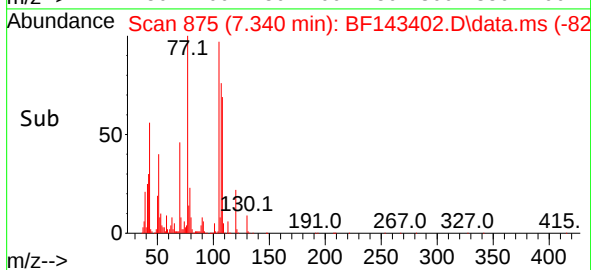
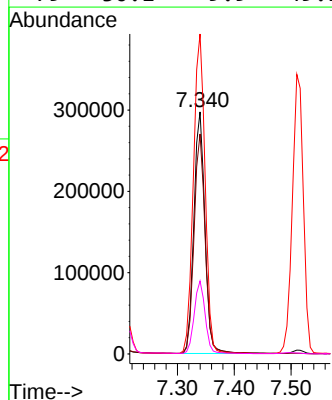
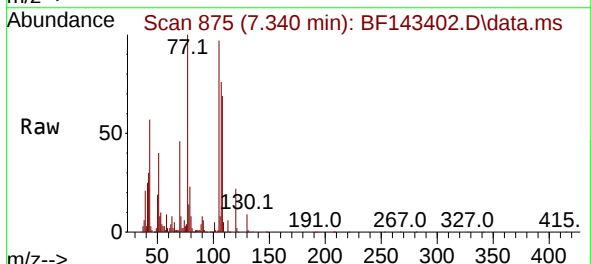
Instrument :
BNA_F
ClientSampleId :
PB169230BSD

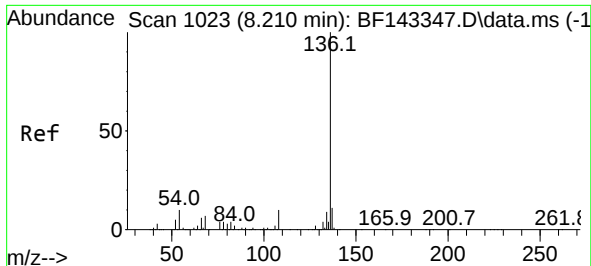
Tgt Ion: 70 Resp: 295402
Ion Ratio Lower Upper
70 100
42 63.2 51.6 77.4
101 9.9 7.5 11.3
130 20.6 15.8 23.6



#20
3+4-Methylphenols
Concen: 42.606 ng
RT: 7.340 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

Tgt Ion: 107 Resp: 404381
Ion Ratio Lower Upper
107 100
108 90.9 70.6 110.6
77 132.2 112.0 152.0
79 30.1 9.9 49.9

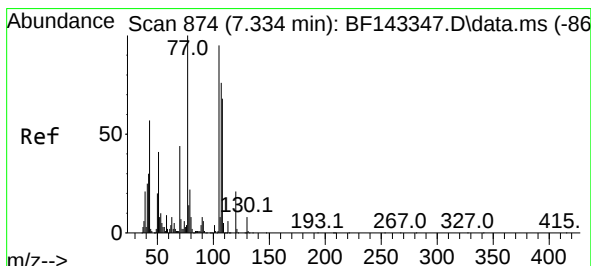
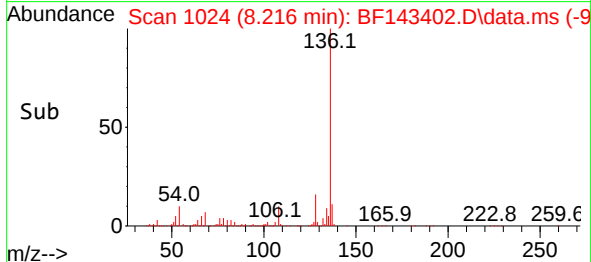
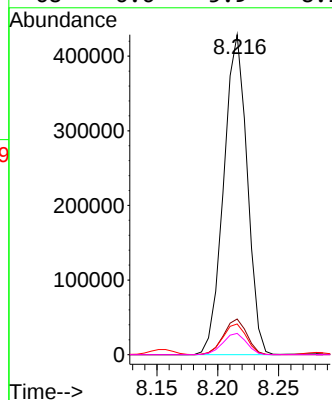
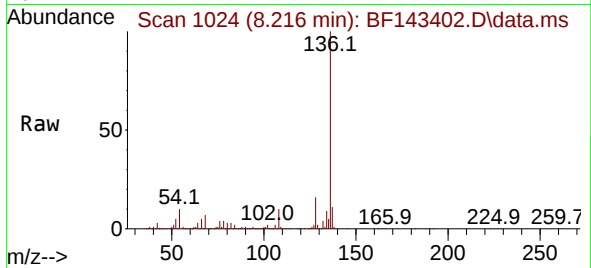




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

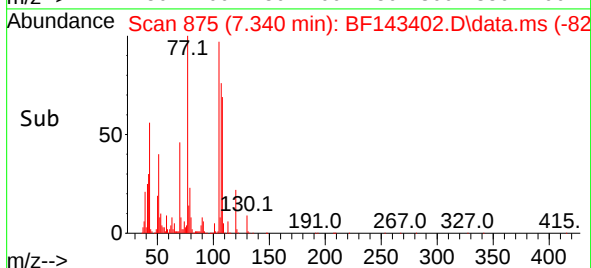
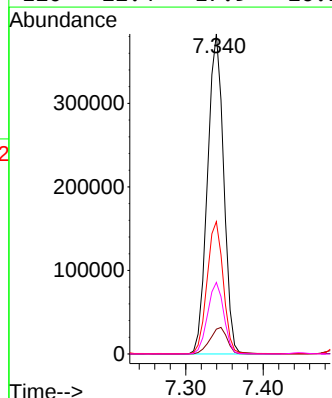
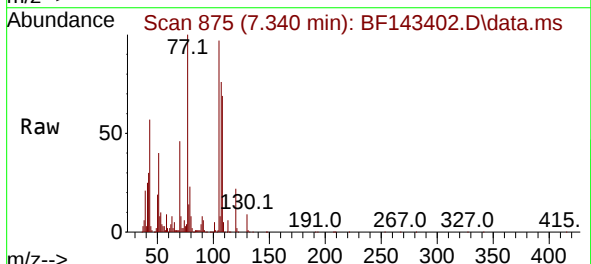
Instrument :
BNA_F
ClientSampleId :
PB169230BSD

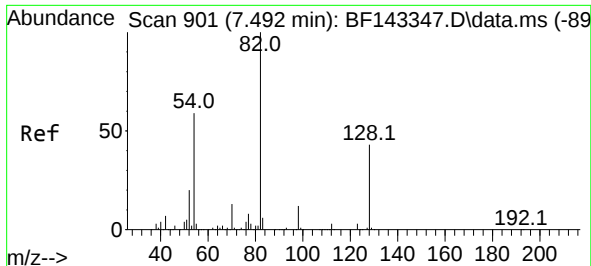
Tgt Ion:136	Resp: 575193
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 9.6	8.4 12.6
68 6.6	5.9 8.9



#22
Acetophenone
Concen: 43.858 ng
RT: 7.340 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

Tgt	Ion:105	Resp:	555835
Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.2	9.4
51	41.3	34.8	52.2
120	22.4	17.9	26.9





#23

Nitrobenzene-d5

Concen: 94.248 ng

RT: 7.492 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA_F

ClientSampleId :

PB169230BSD

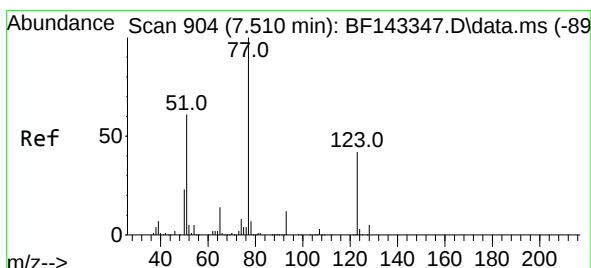
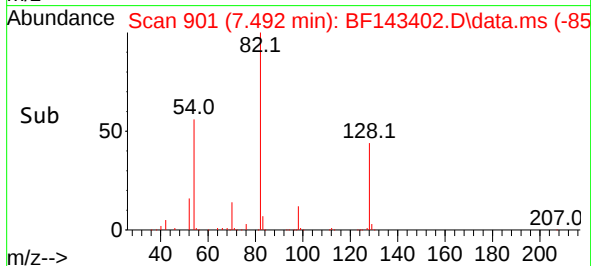
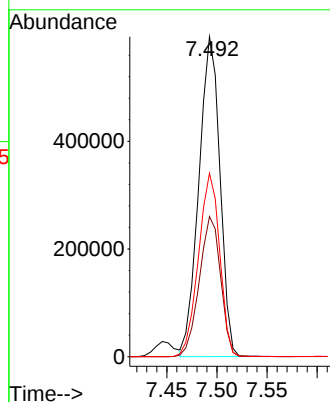
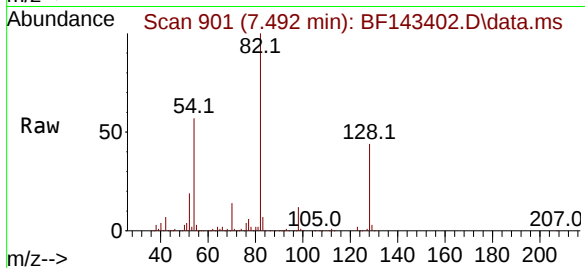
Tgt Ion: 82 Resp: 870531

Ion Ratio Lower Upper

82 100

128 43.8 33.5 50.3

54 57.3 46.7 70.1



#24

Nitrobenzene

Concen: 45.777 ng

RT: 7.510 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

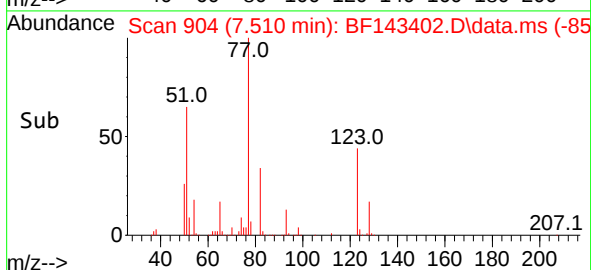
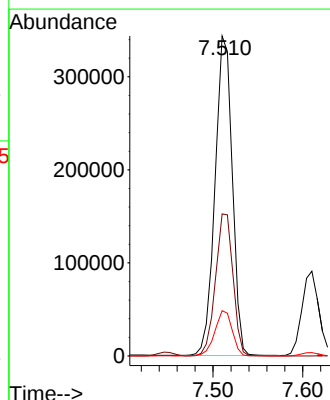
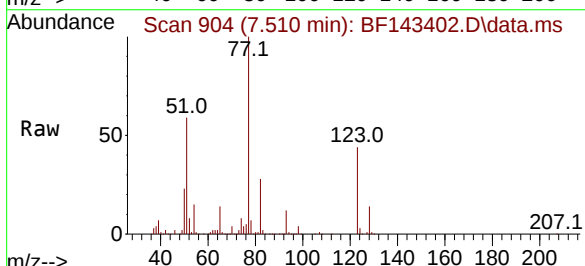
Tgt Ion: 77 Resp: 459202

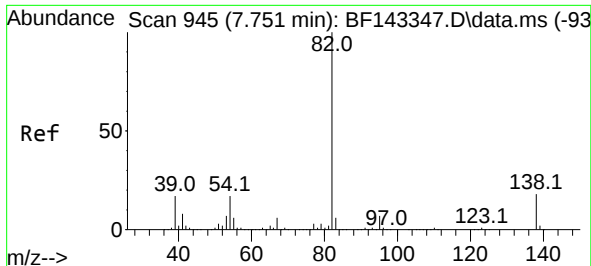
Ion Ratio Lower Upper

77 100

123 44.4 34.8 52.2

65 14.2 11.0 16.6

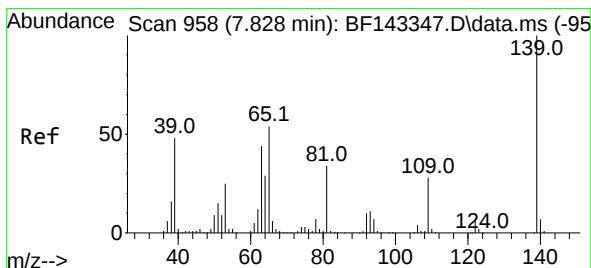
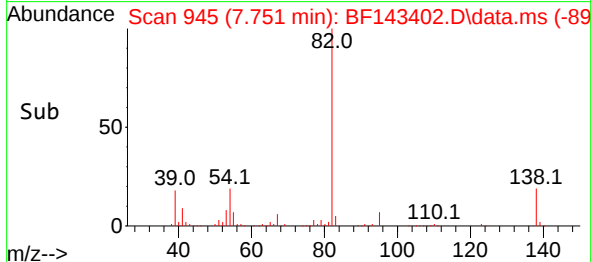
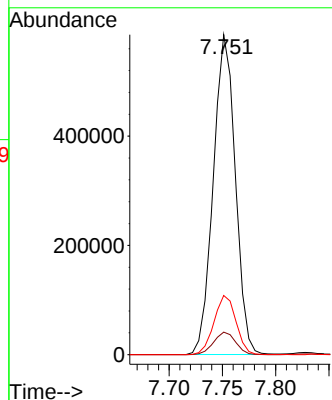
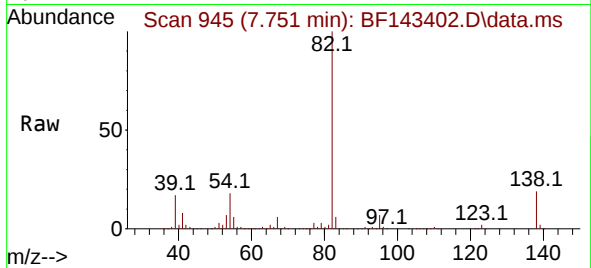




#25
Isophorone
Concen: 44.692 ng
RT: 7.751 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

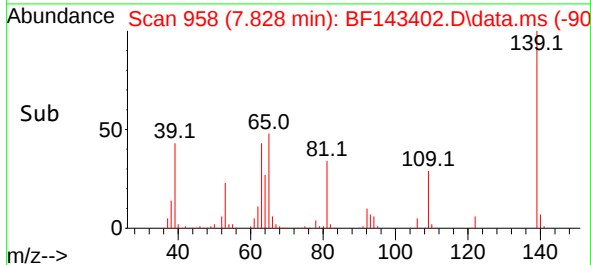
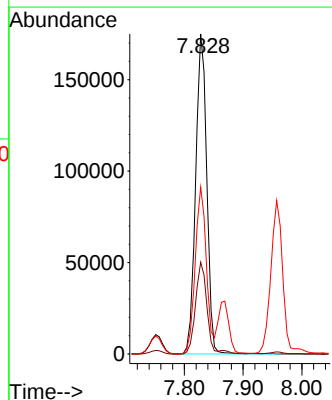
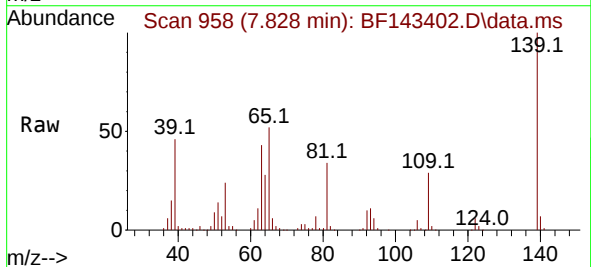
Instrument :
BNA_F
ClientSampleId :
PB169230BSD

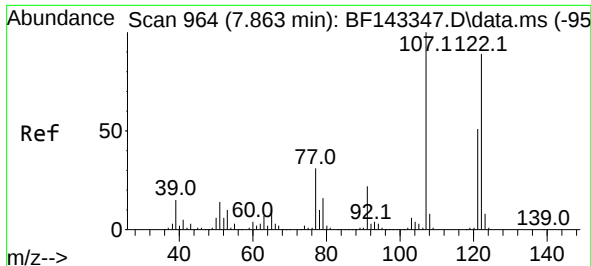
Tgt Ion: 82 Resp: 842700
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 18.5 14.6 21.8



#26
2-Nitrophenol
Concen: 56.559 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

Tgt Ion:139 Resp: 230190
Ion Ratio Lower Upper
139 100
109 28.6 22.4 33.6
65 52.2 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 49.675 ng

RT: 7.869 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA_F

ClientSampleId :

PB169230BSD

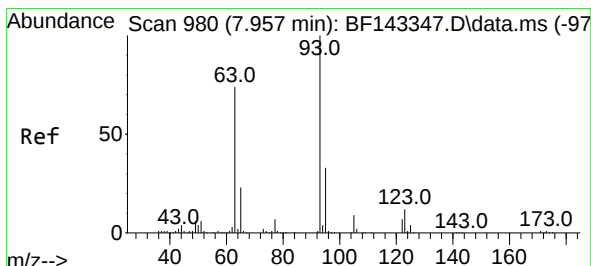
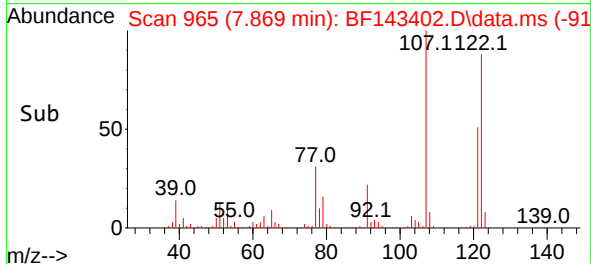
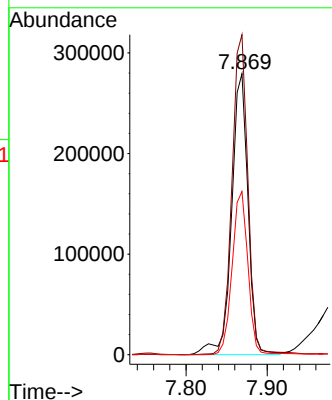
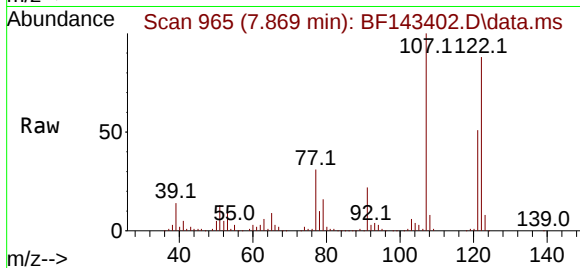
Tgt Ion:122 Resp: 390773

Ion Ratio Lower Upper

122 100

107 113.9 89.9 134.9

121 58.1 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 44.346 ng

RT: 7.957 min Scan# 980

Delta R.T. -0.000 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

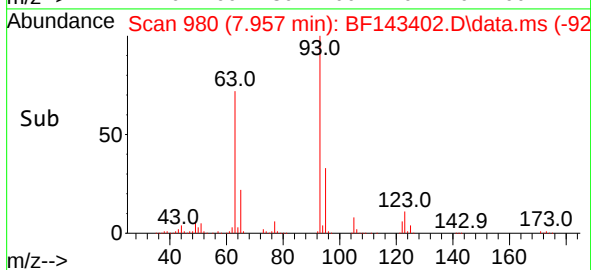
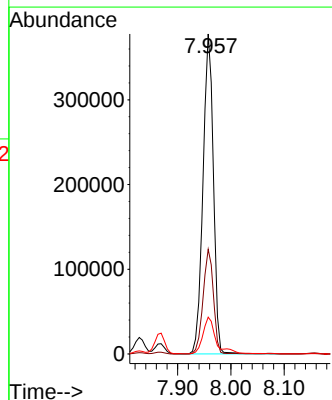
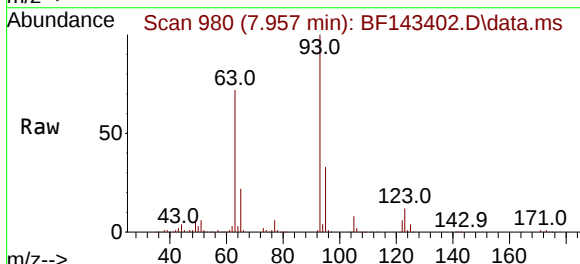
Tgt Ion: 93 Resp: 510531

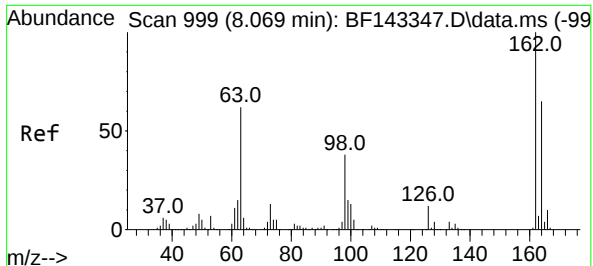
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

123 11.5 9.4 14.2

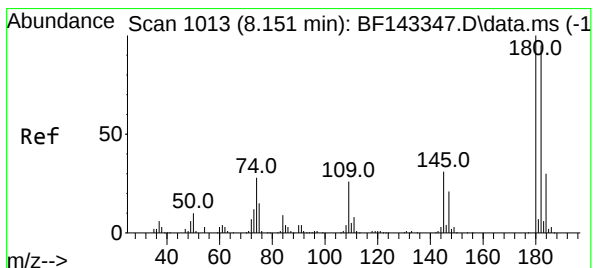
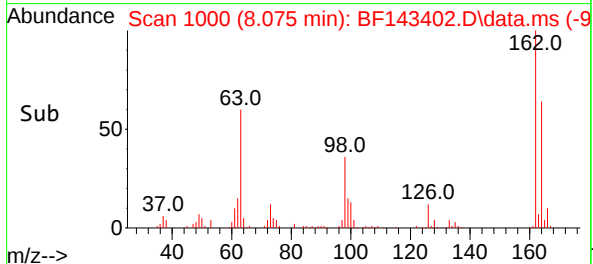
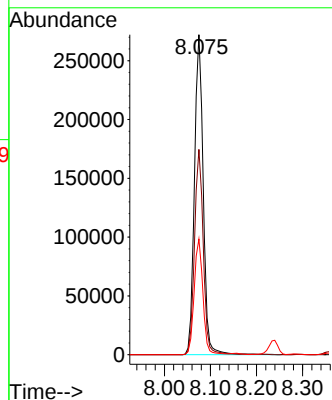
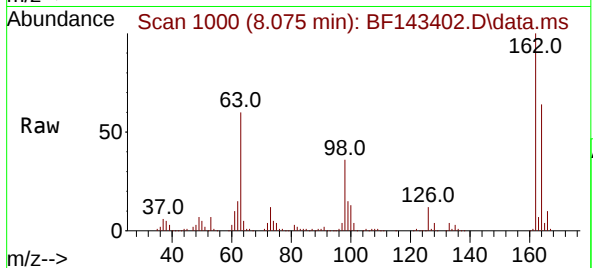




#29
2,4-Dichlorophenol
Concen: 46.797 ng
RT: 8.075 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

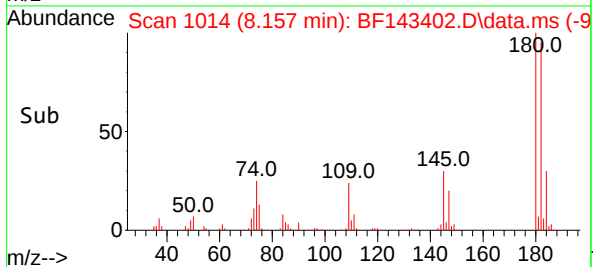
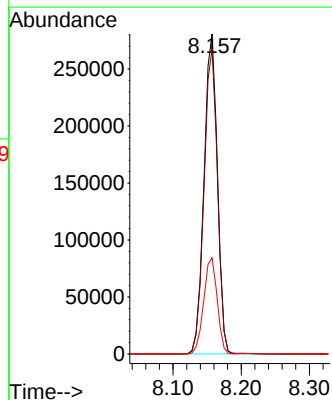
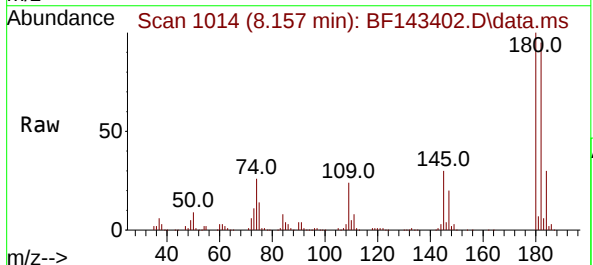
Instrument :
BNA_F
ClientSampleId :
PB169230BSD

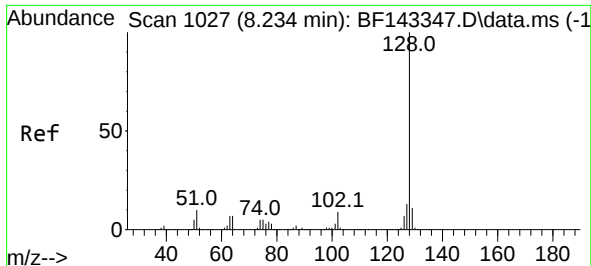
Tgt Ion:162 Resp: 359560
Ion Ratio Lower Upper
162 100
164 64.2 44.5 84.5
98 36.2 17.7 57.7



#30
1,2,4-Trichlorobenzene
Concen: 47.395 ng
RT: 8.157 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

Tgt Ion:180 Resp: 384129
Ion Ratio Lower Upper
180 100
182 95.3 76.1 114.1
145 30.0 24.9 37.3

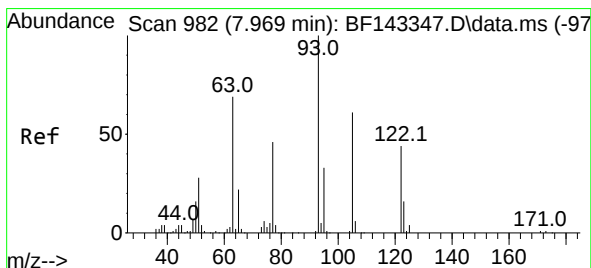
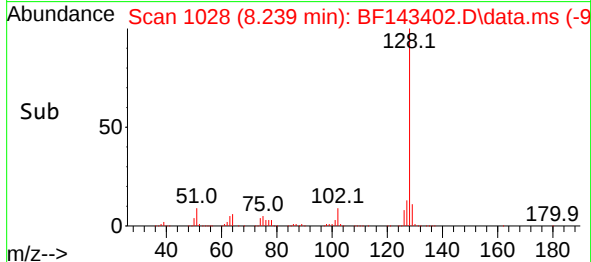
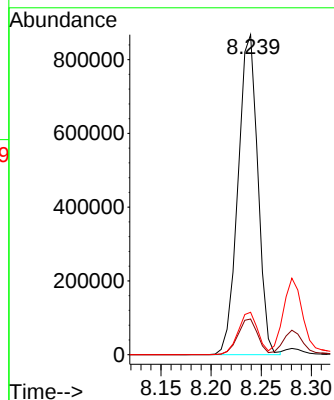
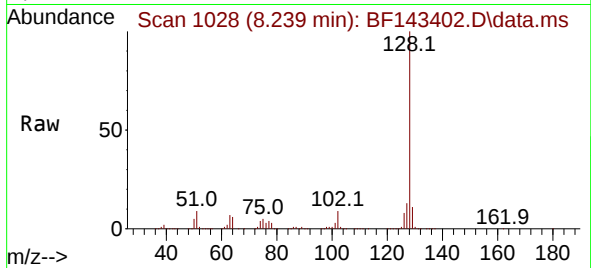




#31
Naphthalene
Concen: 43.007 ng
RT: 8.239 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

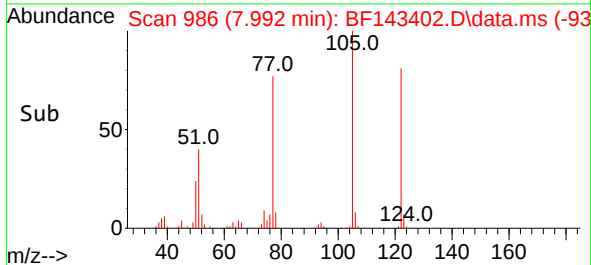
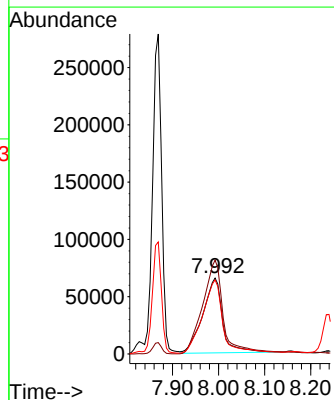
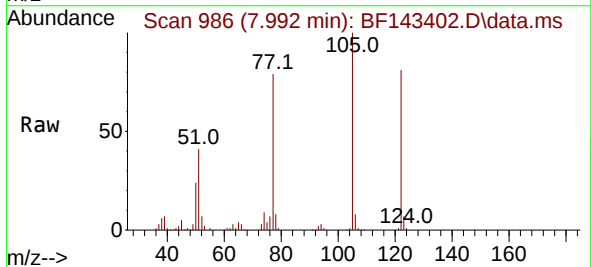
Instrument :
BNA_F
ClientSampleId :
PB169230BSD

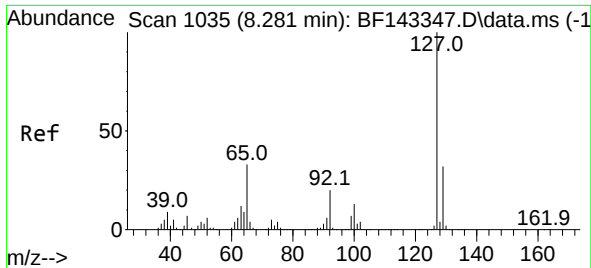
Tgt Ion:128 Resp: 1190317
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 54.977 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.023 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

Tgt Ion:122 Resp: 197064
Ion Ratio Lower Upper
122 100
105 123.5 106.4 146.4
77 97.6 79.2 119.2

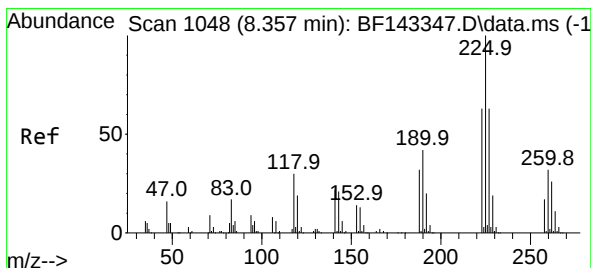
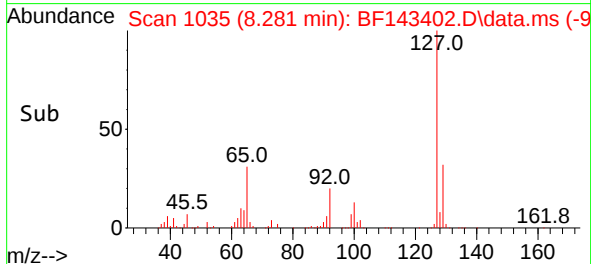
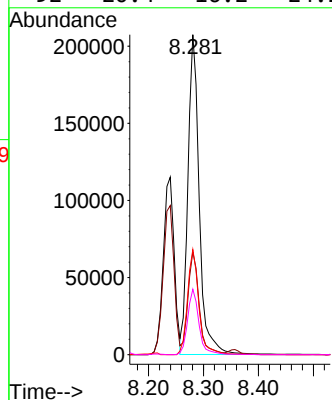
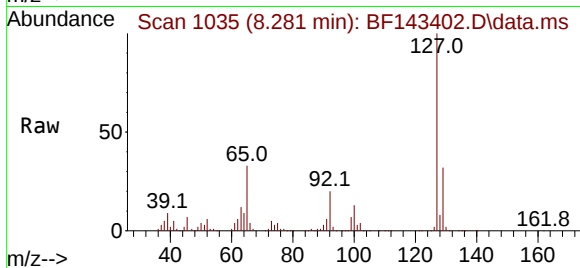




#33
4-Chloroaniline
Concen: 29.790 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

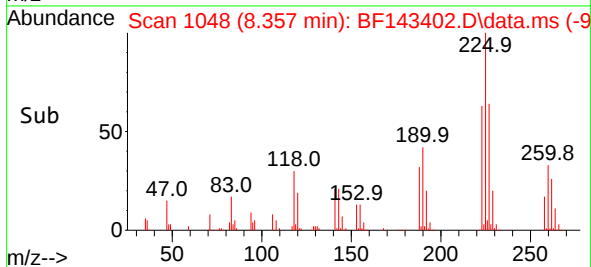
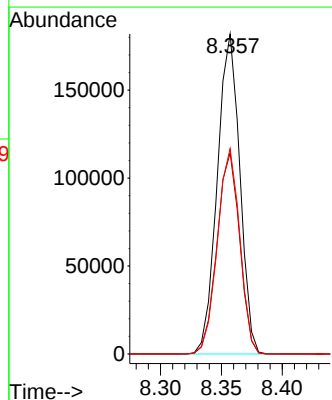
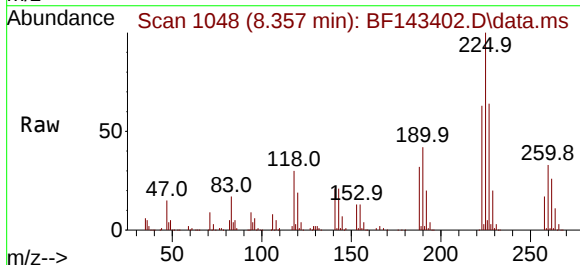
Instrument :
BNA_F
ClientSampleId :
PB169230BSD

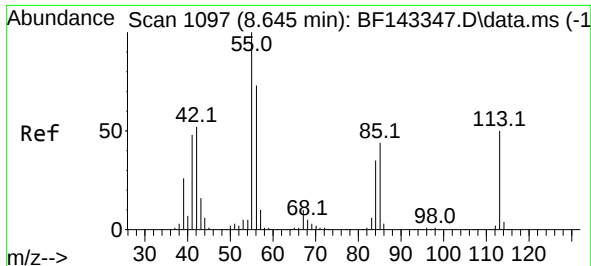
Tgt Ion:	127	Resp:	297383
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	32.8	27.0	40.4
92	20.4	16.2	24.2



#34
Hexachlorobutadiene
Concen: 46.450 ng
RT: 8.357 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

Tgt Ion:	225	Resp:	234188
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.1	75.1
227	64.2	50.6	75.8

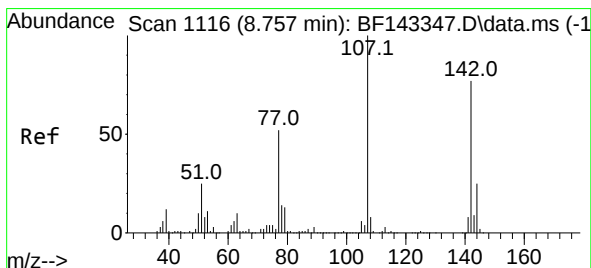
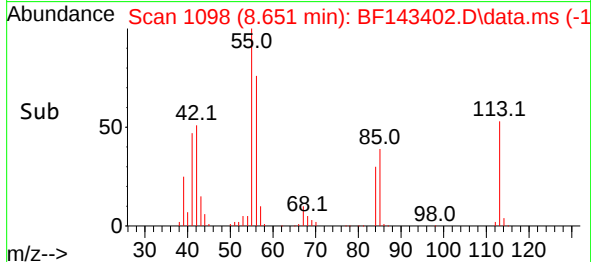
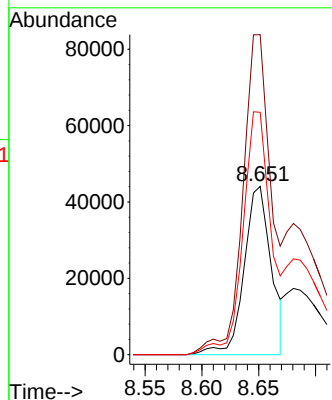
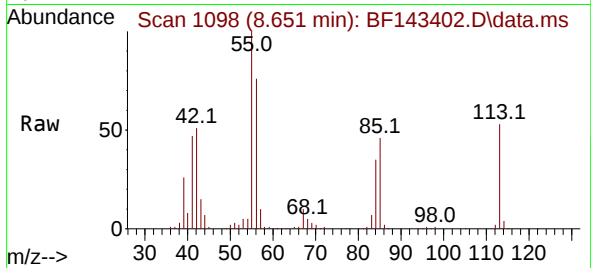




#35
Caprolactam
Concen: 33.838 ng
RT: 8.651 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

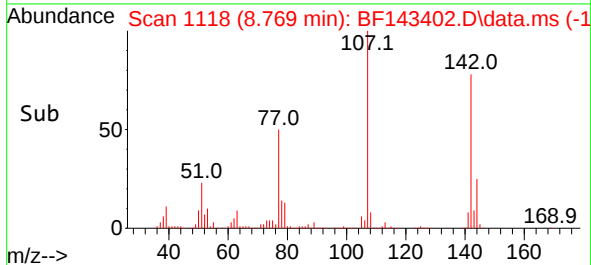
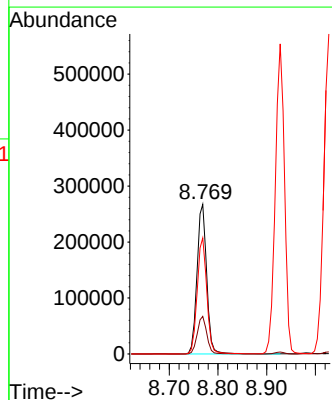
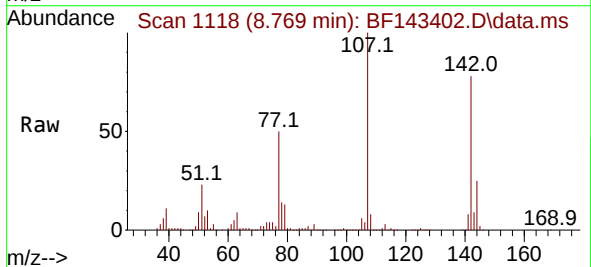
Instrument :
BNA_F
ClientSampleId :
PB169230BSD

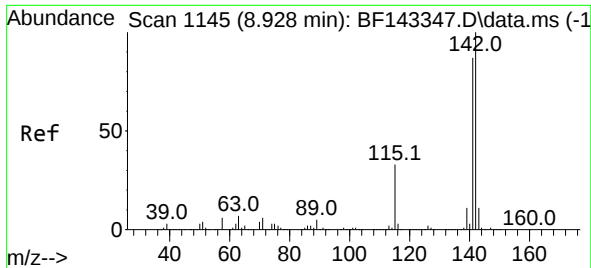
Tgt Ion:113 Resp: 73088
Ion Ratio Lower Upper
113 100
55 190.1 181.4 221.4
56 144.0 127.3 167.3



#36
4-Chloro-3-methylphenol
Concen: 46.105 ng
RT: 8.769 min Scan# 1118
Delta R.T. 0.012 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

Tgt Ion:107 Resp: 371373
Ion Ratio Lower Upper
107 100
144 25.1 20.0 30.0
142 77.6 61.3 91.9

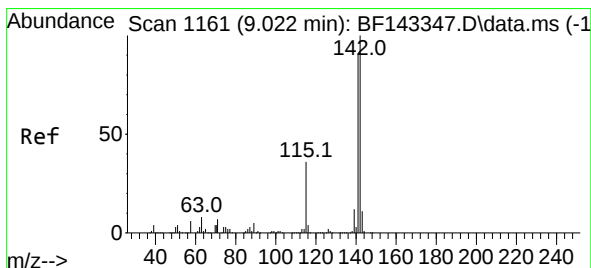
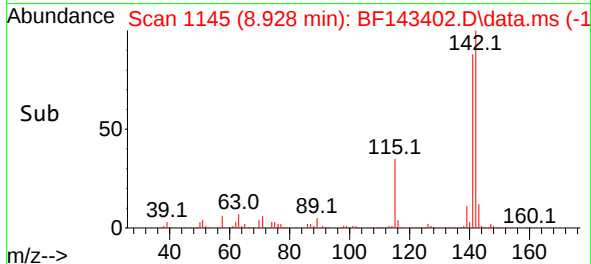
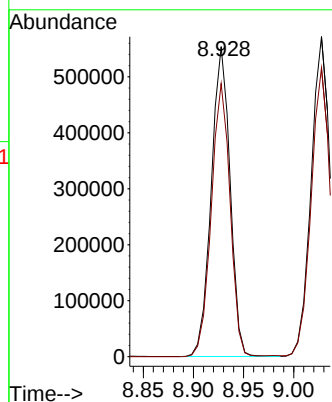
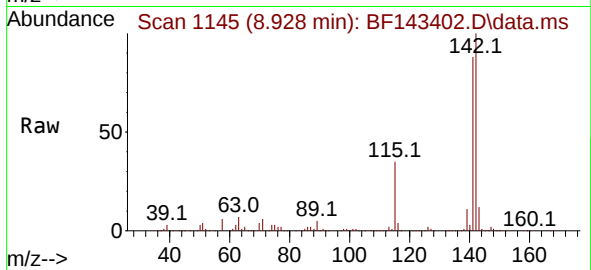




#37
2-Methylnaphthalene
Concen: 39.751 ng
RT: 8.928 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

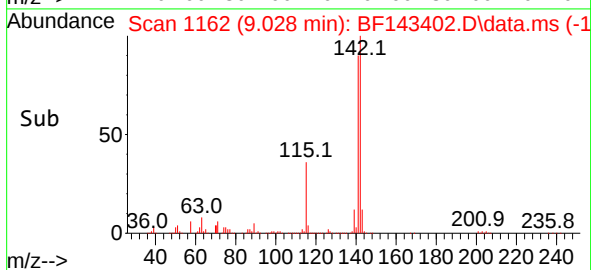
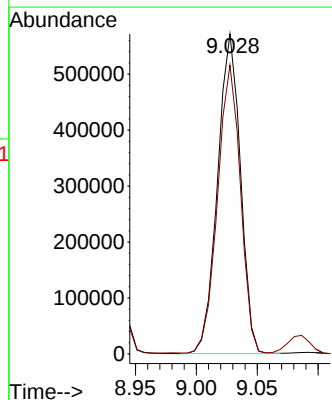
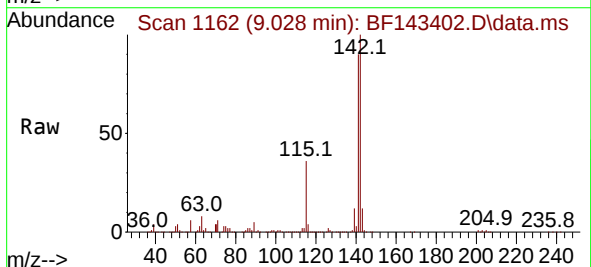
Instrument :
BNA_F
ClientSampleId :
PB169230BSD

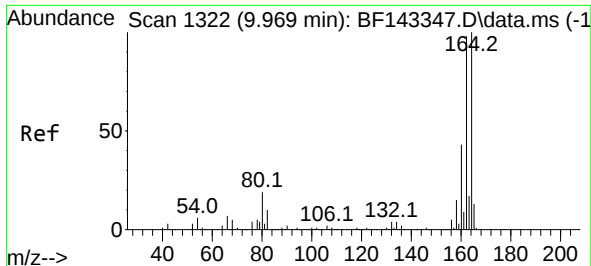
Tgt Ion:142 Resp: 723299
Ion Ratio Lower Upper
142 100
141 88.1 69.8 104.8



#38
1-Methylnaphthalene
Concen: 42.681 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

Tgt Ion:142 Resp: 747959
Ion Ratio Lower Upper
142 100
141 90.2 73.0 109.4

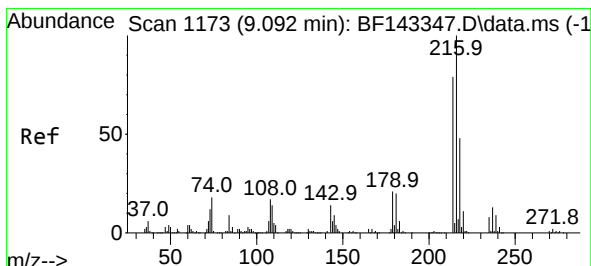
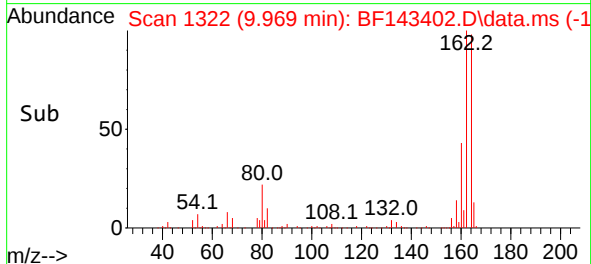
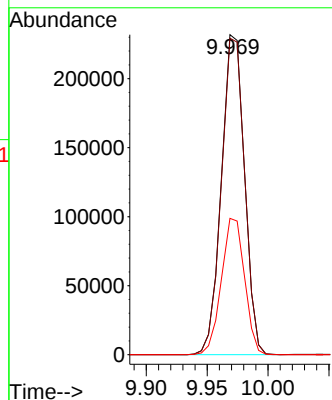
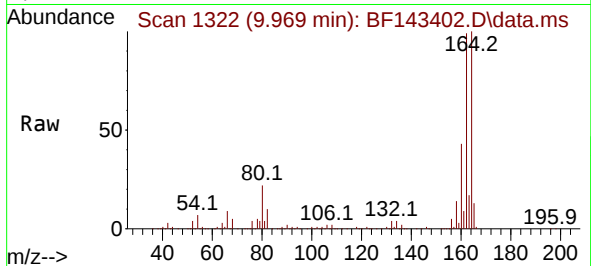




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

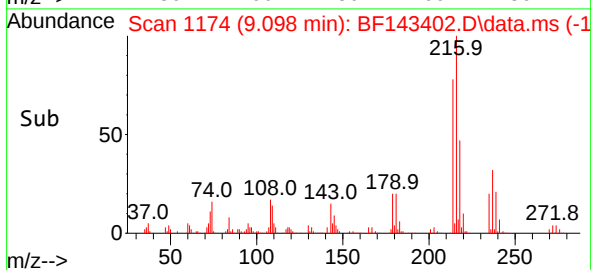
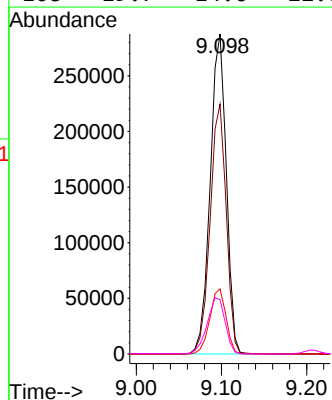
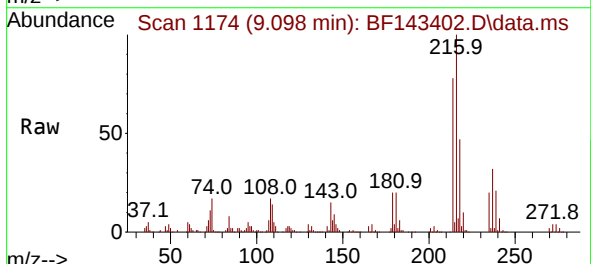
Instrument :
BNA_F
ClientSampleId :
PB169230BSD

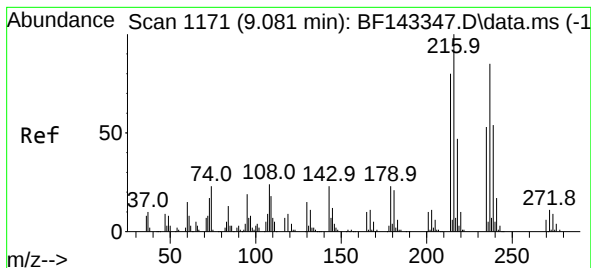
Tgt Ion:164 Resp: 306529
Ion Ratio Lower Upper
164 100
162 98.9 78.6 118.0
160 42.6 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.910 ng
RT: 9.098 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

Tgt Ion:216 Resp: 376702
Ion Ratio Lower Upper
216 100
214 78.3 63.0 94.4
179 20.5 17.0 25.4
108 19.7 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 125.687 ng

RT: 9.086 min Scan# 1171

Delta R.T. 0.005 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA_F

ClientSampleId :

PB169230BSD

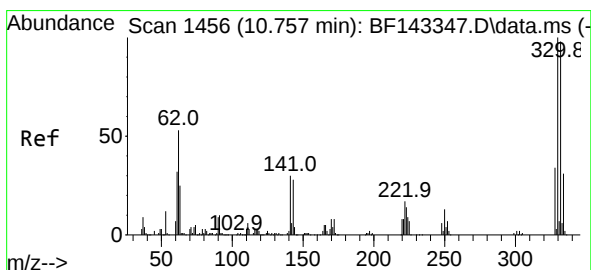
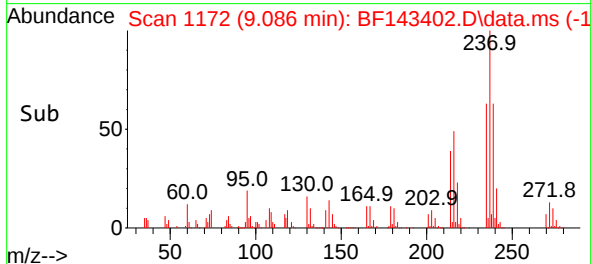
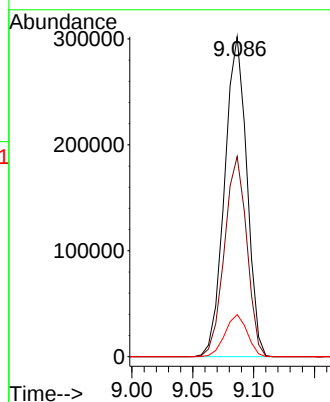
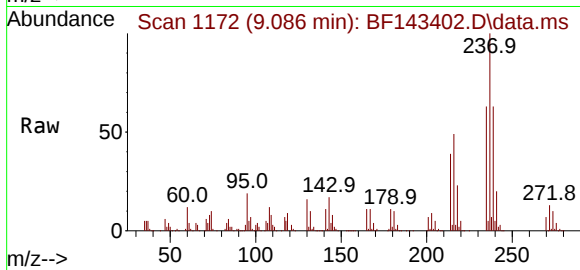
Tgt Ion:237 Resp: 384088

Ion Ratio Lower Upper

237 100

235 62.6 42.0 82.0

272 13.1 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 156.079 ng

RT: 10.763 min Scan# 1457

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

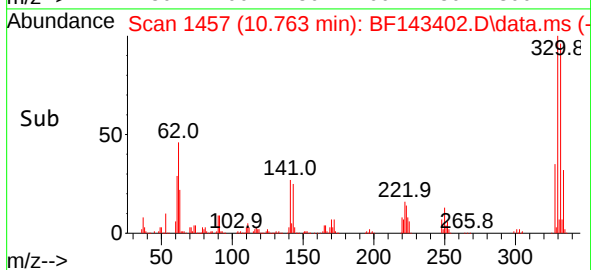
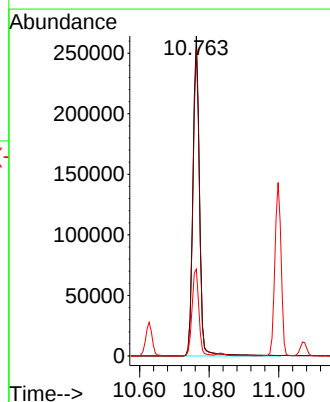
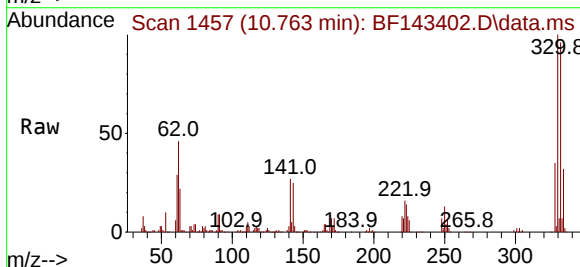
Tgt Ion:330 Resp: 349646

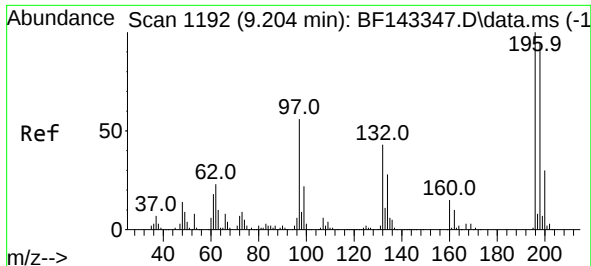
Ion Ratio Lower Upper

330 100

332 95.6 78.1 117.1

141 28.1 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 49.690 ng

RT: 9.210 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA_F

ClientSampleId :

PB169230BSD

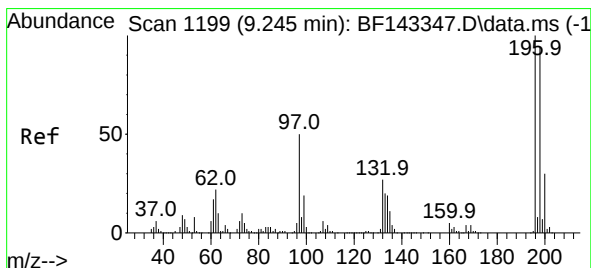
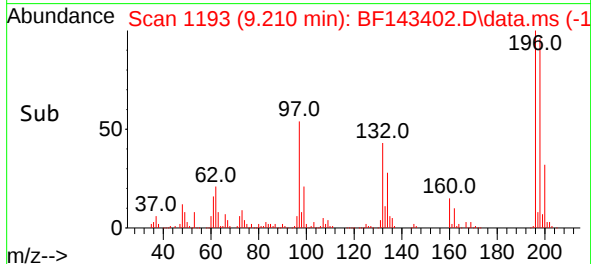
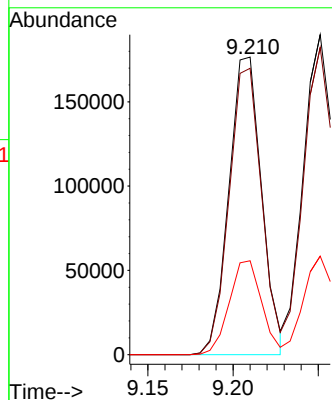
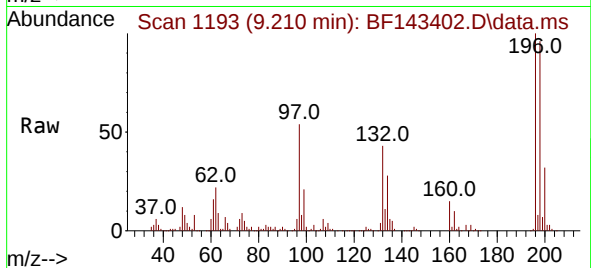
Tgt Ion:196 Resp: 236484

Ion Ratio Lower Upper

196 100

198 96.3 75.4 113.0

200 31.5 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 47.571 ng

RT: 9.251 min Scan# 1200

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Tgt Ion:196 Resp: 255666

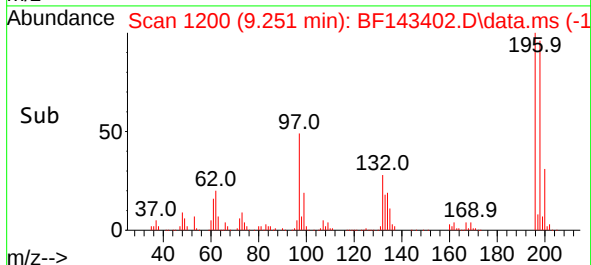
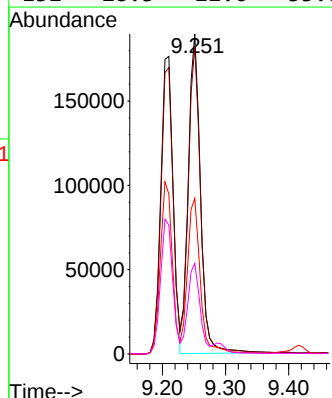
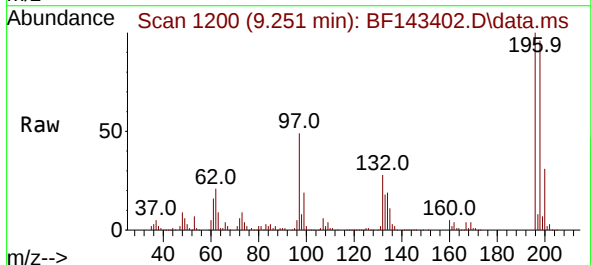
Ion Ratio Lower Upper

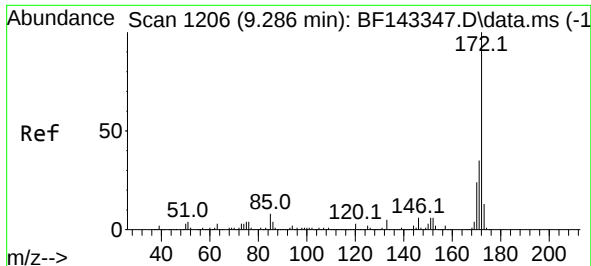
196 100

198 96.0 75.4 113.2

97 48.6 39.9 59.9

132 28.3 22.6 33.8

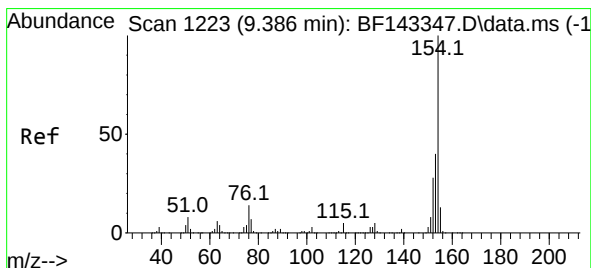
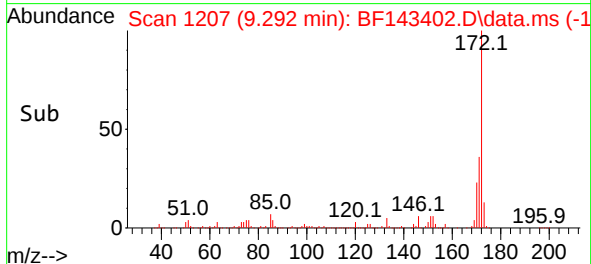
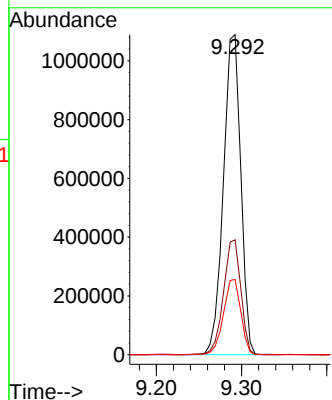
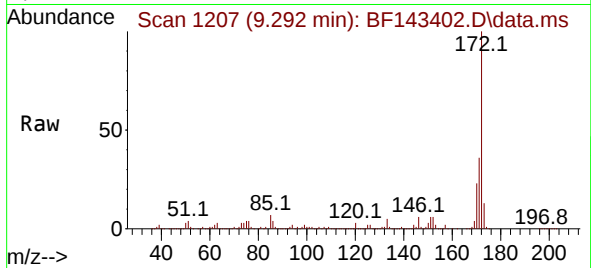




#45
2-Fluorobiphenyl
Concen: 85.474 ng
RT: 9.292 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

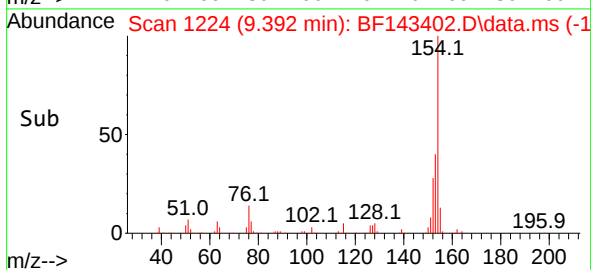
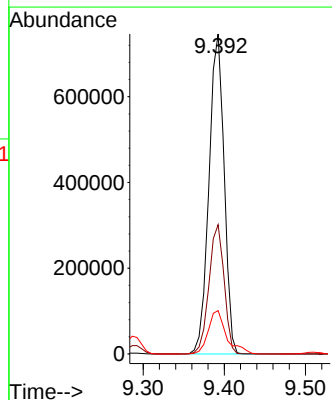
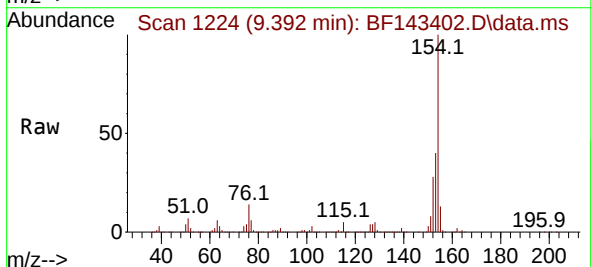
Instrument :
BNA_F
ClientSampleId :
PB169230BSD

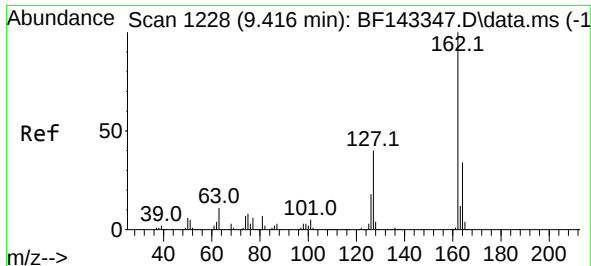
Tgt Ion:172 Resp: 1545055
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.5 19.1 28.7



#46
1,1'-Biphenyl
Concen: 44.548 ng
RT: 9.392 min Scan# 1224
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

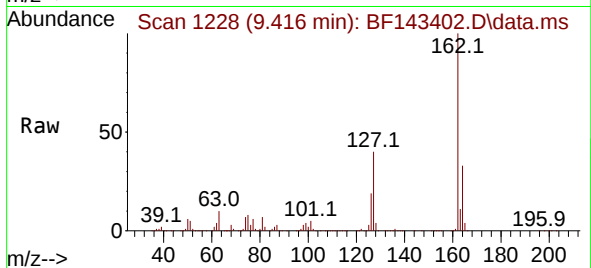
Tgt Ion:154 Resp: 965508
Ion Ratio Lower Upper
154 100
153 40.4 20.2 60.2
76 13.6 0.0 34.4



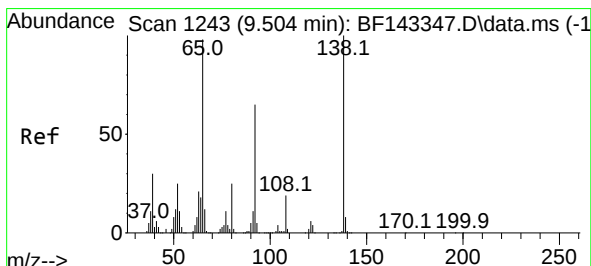
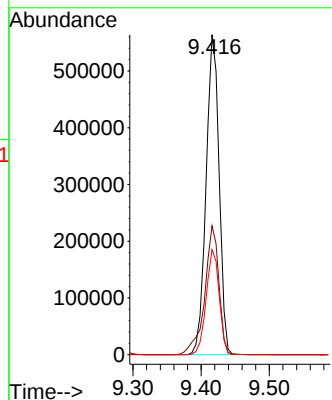
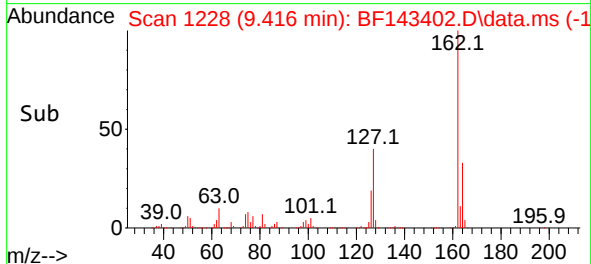


#47
2-Chloronaphthalene
Concen: 43.853 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

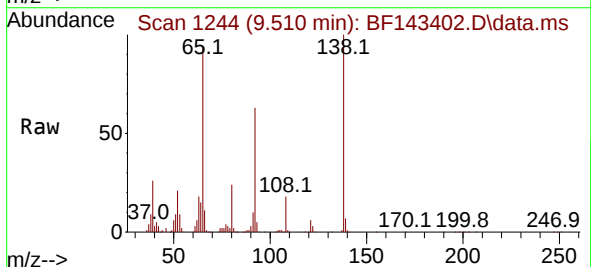
Instrument :
BNA_F
ClientSampleId :
PB169230BSD



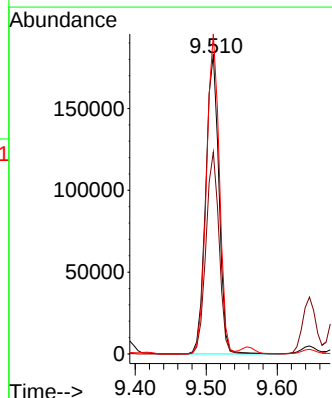
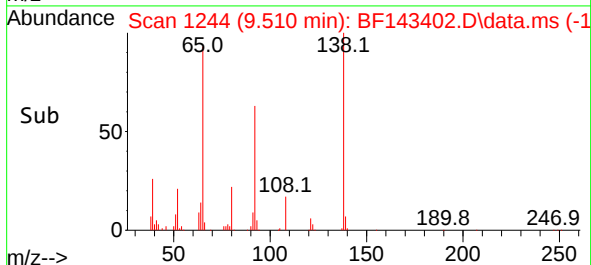
Tgt Ion:162 Resp: 748550
Ion Ratio Lower Upper
162 100
127 40.3 32.1 48.1
164 32.8 27.0 40.4

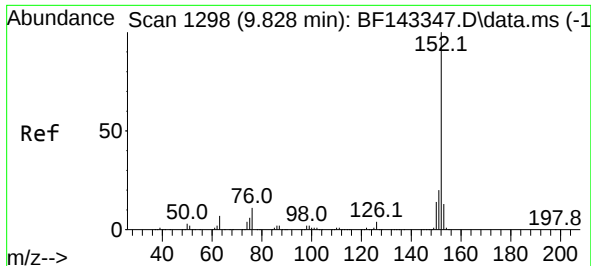


#48
2-Nitroaniline
Concen: 48.303 ng
RT: 9.510 min Scan# 1244
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23



Tgt Ion: 65 Resp: 237887
Ion Ratio Lower Upper
65 100
92 67.4 53.1 79.7
138 106.7 81.4 122.0





#49

Acenaphthylene

Concen: 48.899 ng

RT: 9.833 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA_F

ClientSampleId :

PB169230BSD

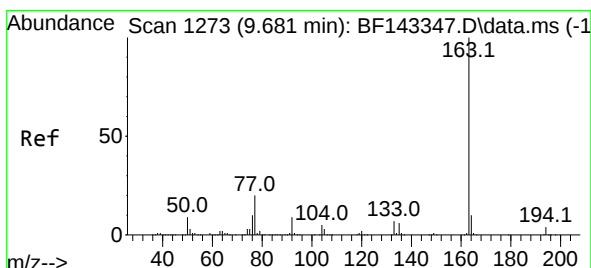
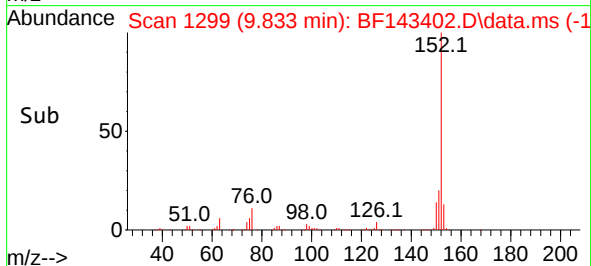
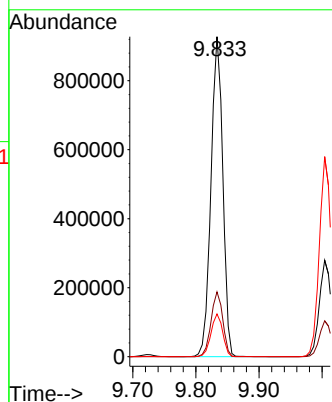
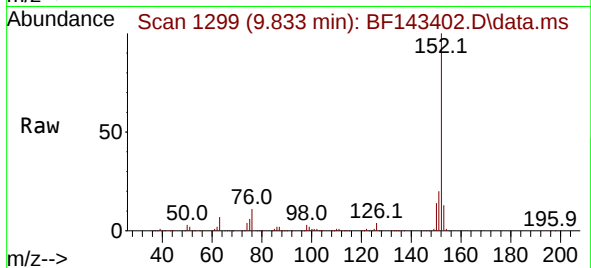
Tgt Ion:152 Resp: 1205365

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.4 10.6 16.0



#50

Dimethylphthalate

Concen: 48.528 ng

RT: 9.686 min Scan# 1274

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

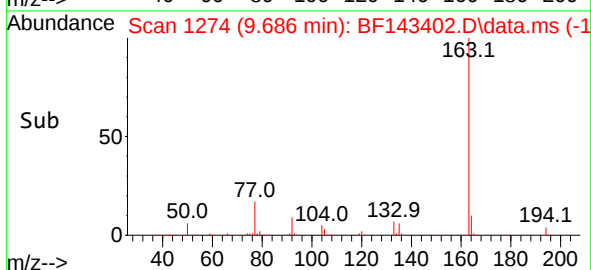
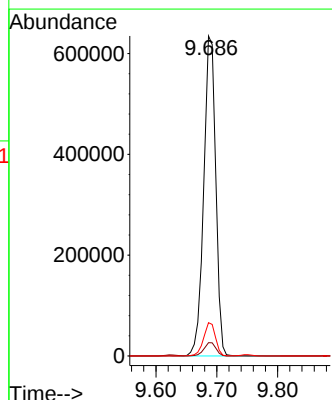
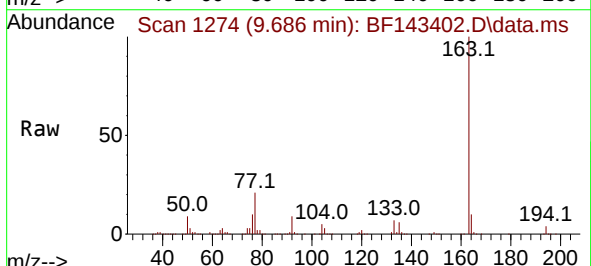
Tgt Ion:163 Resp: 869180

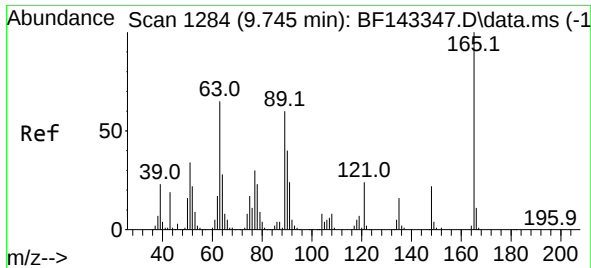
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.4 8.2 12.2

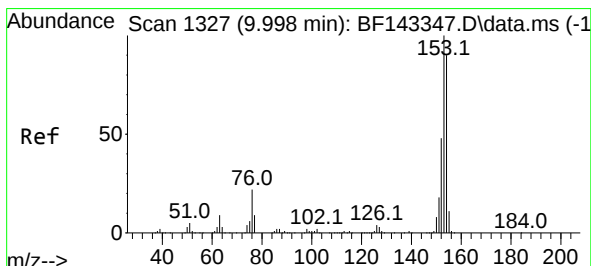
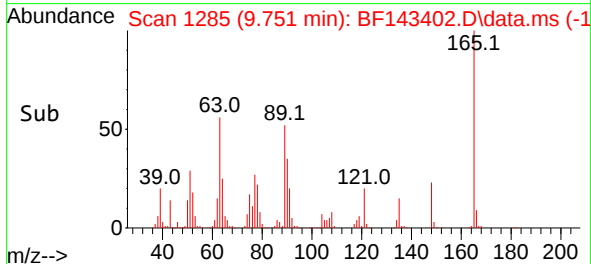
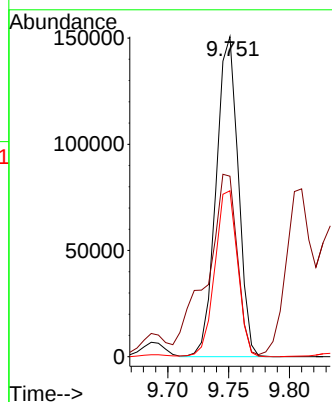
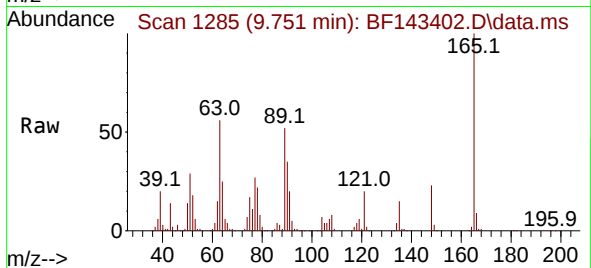




#51
2,6-Dinitrotoluene
Concen: 55.808 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

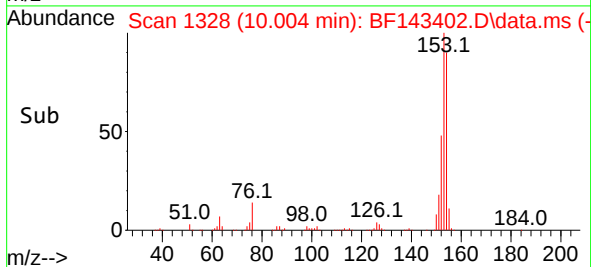
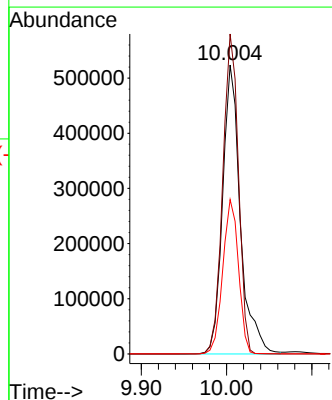
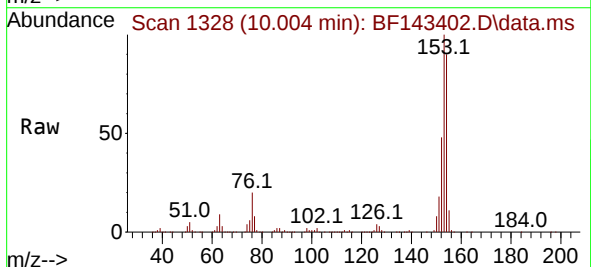
Instrument :
BNA_F
ClientSampleId :
PB169230BSD

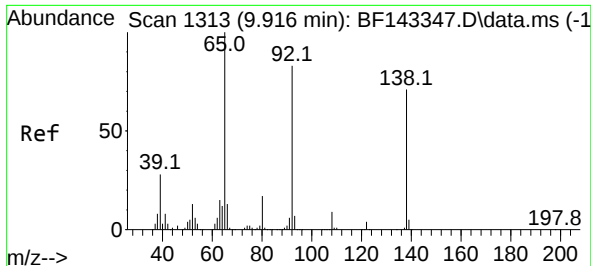
Tgt Ion:165 Resp: 190890
Ion Ratio Lower Upper
165 100
63 56.4 51.6 77.4
89 51.9 47.7 71.5



#52
Acenaphthene
Concen: 46.283 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

Tgt Ion:154 Resp: 758483
Ion Ratio Lower Upper
154 100
153 110.7 88.5 132.7
152 53.4 42.4 63.6

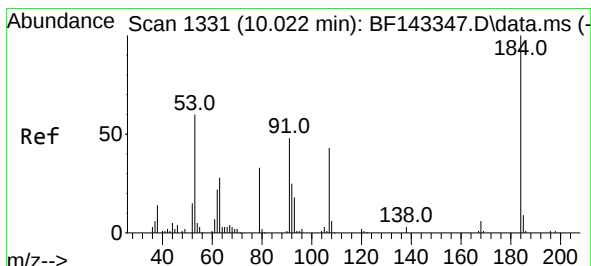
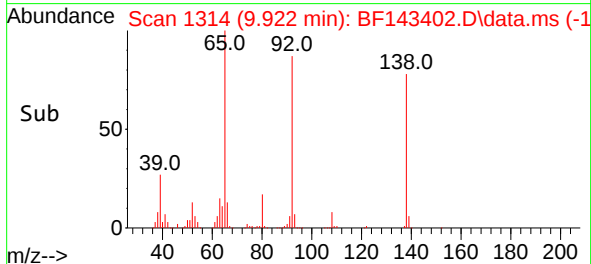
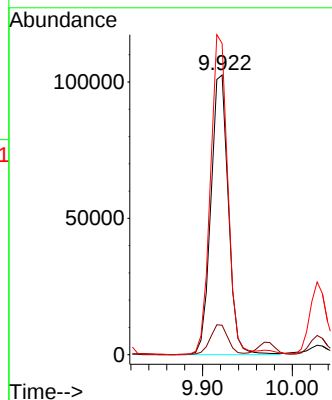
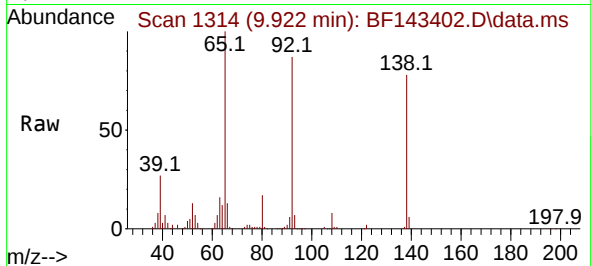




#53
3-Nitroaniline
Concen: 37.883 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

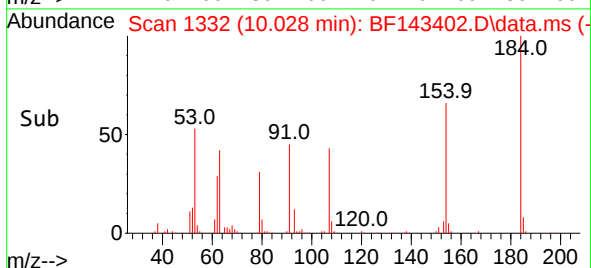
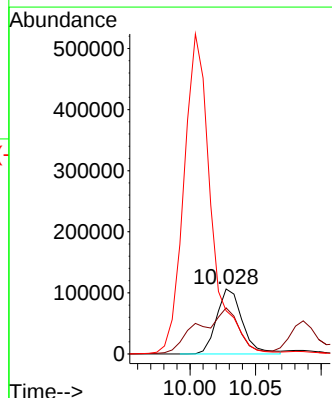
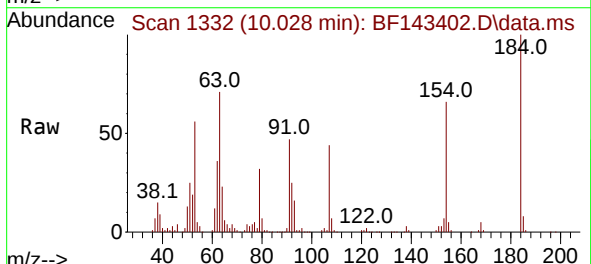
Instrument :
BNA_F
ClientSampleId :
PB169230BSD

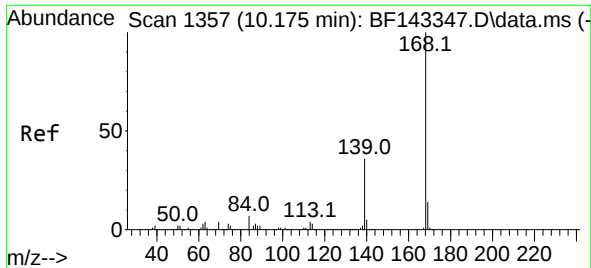
Tgt Ion:138 Resp: 138955
Ion Ratio Lower Upper
138 100
108 10.5 9.6 14.4
92 111.2 93.4 140.2



#54
2,4-Dinitrophenol
Concen: 93.171 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

Tgt Ion:184 Resp: 145013
Ion Ratio Lower Upper
184 100
63 70.8 62.5 93.7
154 66.4 73.0 109.4#

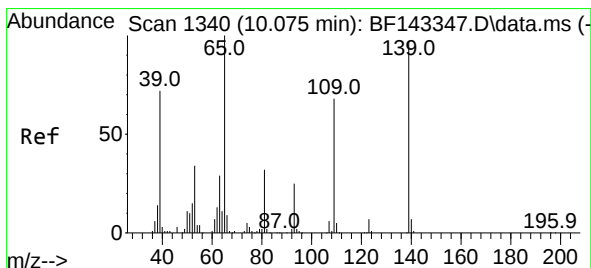
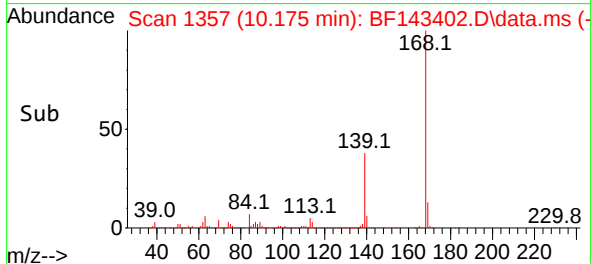
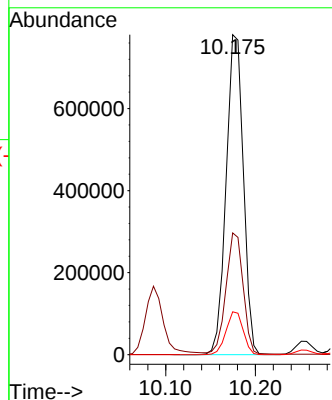
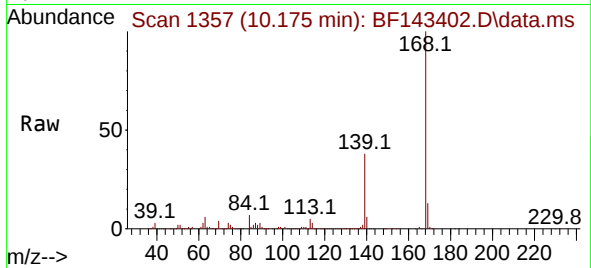




#55
Dibenzofuran
Concen: 44.175 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

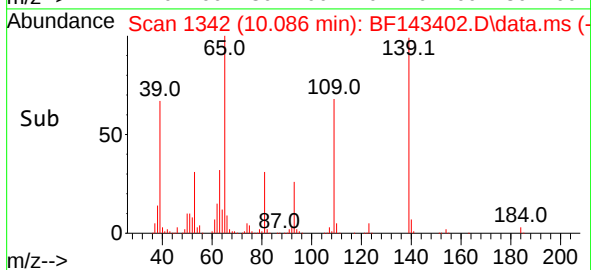
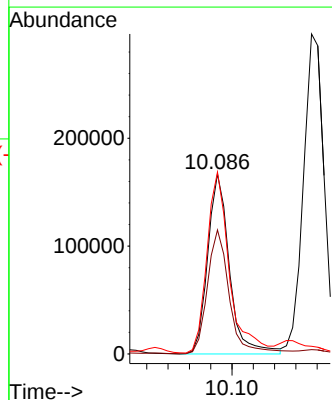
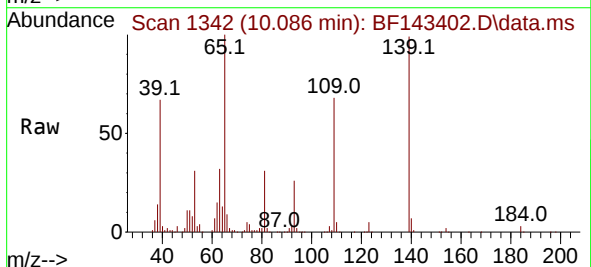
Instrument :
BNA_F
ClientSampleId :
PB169230BSD

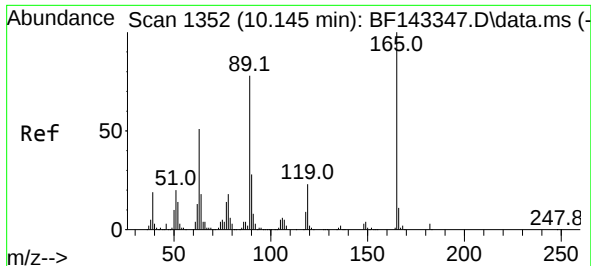
Tgt Ion:168 Resp: 1041882
Ion Ratio Lower Upper
168 100
139 38.0 29.4 44.0
169 13.4 11.0 16.6



#56
4-Nitrophenol
Concen: 80.750 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.011 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

Tgt Ion:139 Resp: 236880
Ion Ratio Lower Upper
139 100
109 68.9 49.4 89.4
65 101.1 83.7 123.7

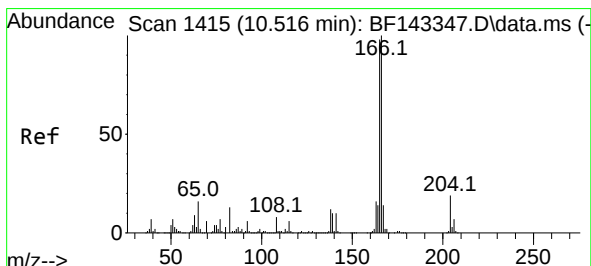
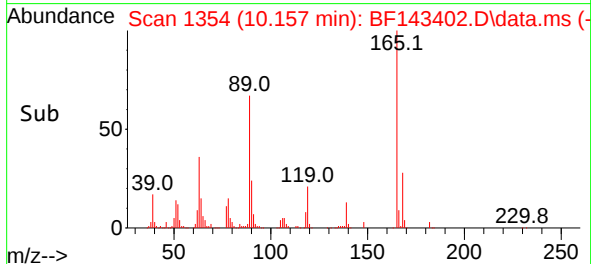
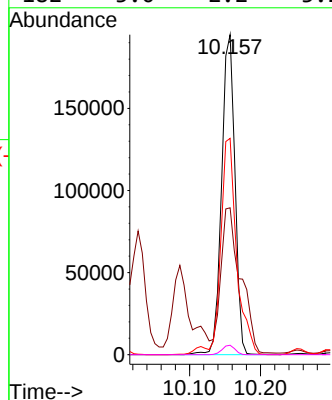
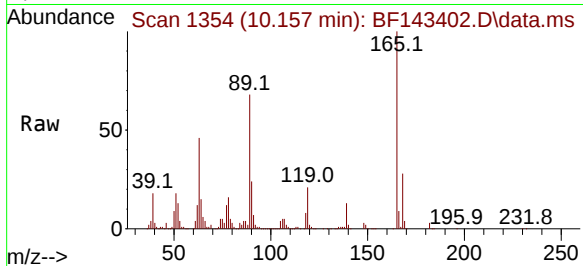




#57
2,4-Dinitrotoluene
Concen: 55.551 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

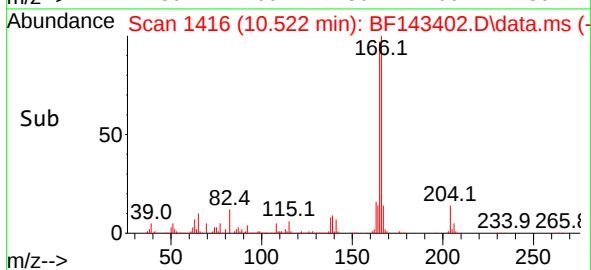
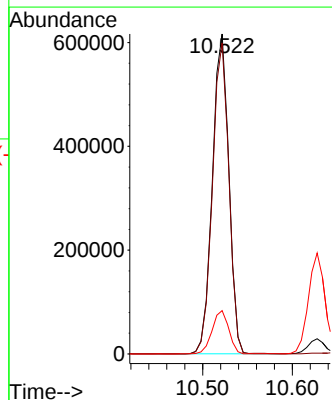
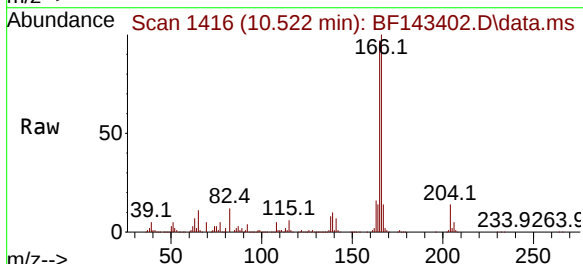
Instrument :
BNA_F
ClientSampleId :
PB169230BSD

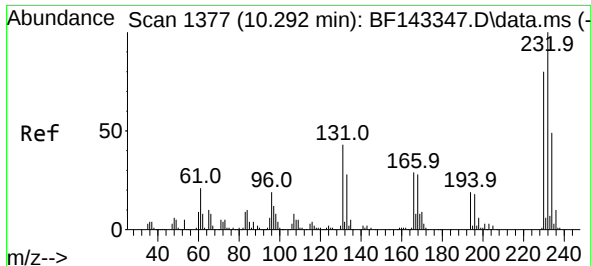
Tgt Ion:	165	Resp:	252116
Ion	Ratio	Lower	Upper
165	100		
63	45.9	41.8	62.8
89	67.6	62.4	93.6
182	3.0	2.2	3.2



#58
Fluorene
Concen: 43.584 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

Tgt Ion:	166	Resp:	785173
Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.2	117.4
167	13.6	10.9	16.3

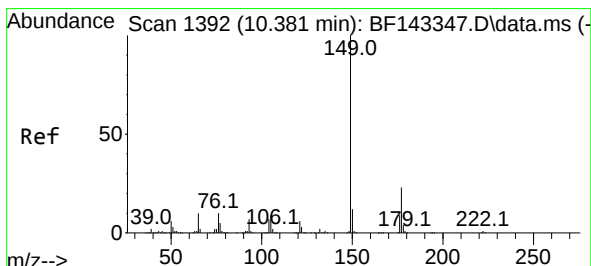
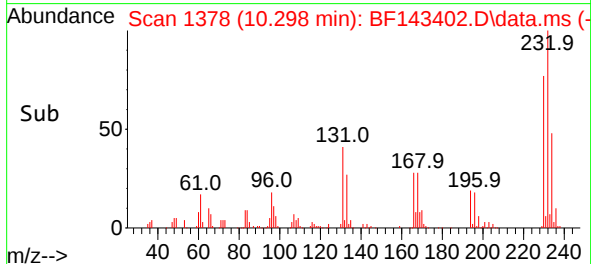
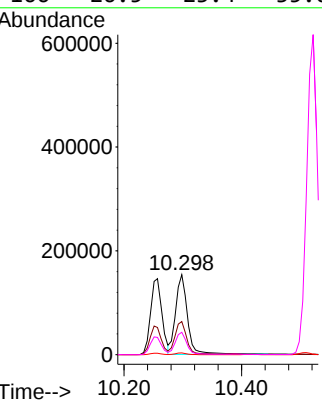
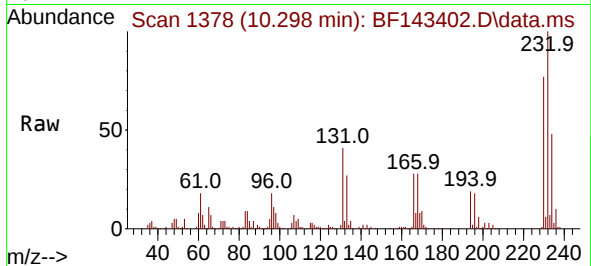




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.119 ng
RT: 10.298 min Scan# 1377
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

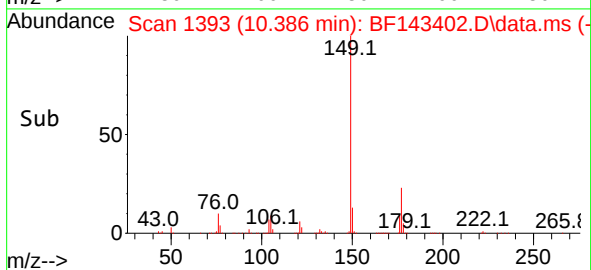
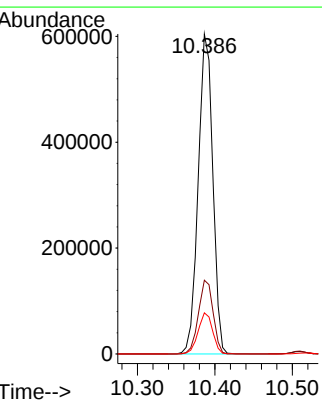
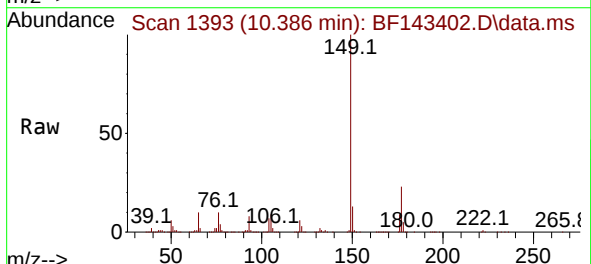
Instrument :
BNA_F
ClientSampleId :
PB169230BSD

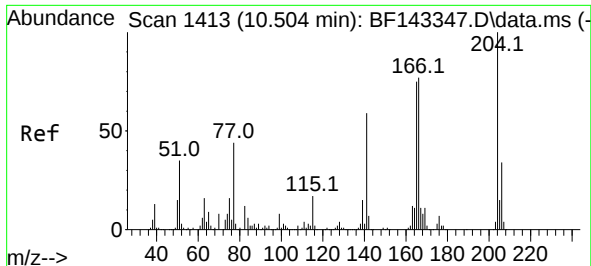
Tgt Ion:232 Resp: 214180
Ion Ratio Lower Upper
232 100
131 41.8 34.6 51.8
130 2.1 1.7 2.5
166 26.5 23.4 35.0



#60
Diethylphthalate
Concen: 49.267 ng
RT: 10.386 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

Tgt Ion:149 Resp: 790403
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.2
150 12.8 9.9 14.9

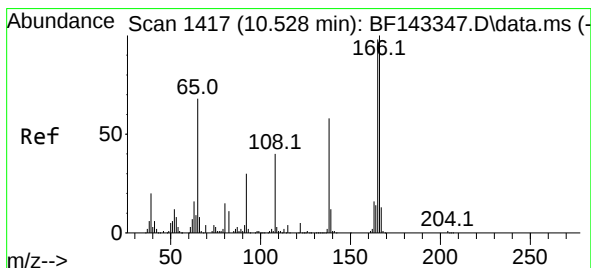
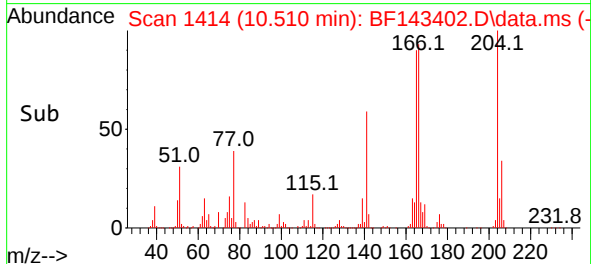
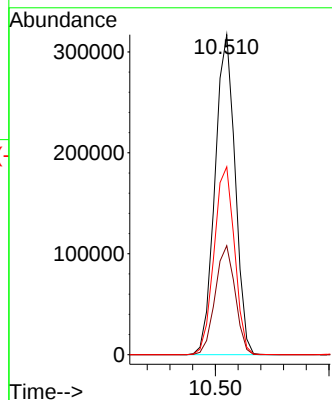
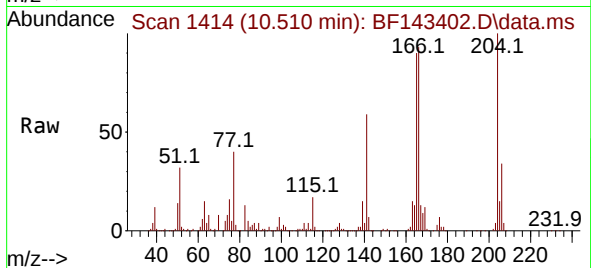




#61
4-Chlorophenyl-phenylether
Concen: 44.803 ng
RT: 10.510 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

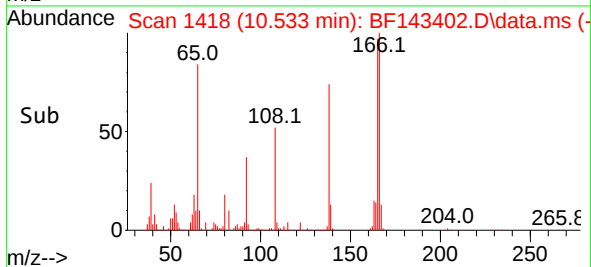
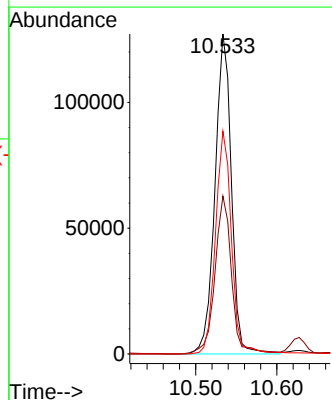
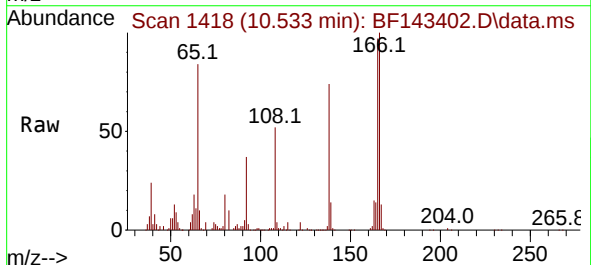
Instrument :
BNA_F
ClientSampleId :
PB169230BSD

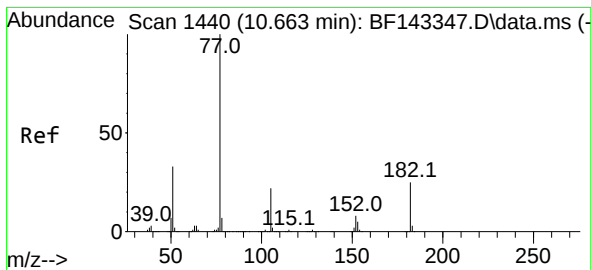
Tgt Ion:204 Resp: 390000
Ion Ratio Lower Upper
204 100
206 34.0 27.4 41.2
141 58.7 46.9 70.3



#62
4-Nitroaniline
Concen: 50.394 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

Tgt Ion:138 Resp: 178839
Ion Ratio Lower Upper
138 100
92 49.3 31.2 71.2
108 69.6 48.1 88.1





#63

Azobenzene

Concen: 43.837 ng

RT: 10.669 min Scan# 1440

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA_F

ClientSampleId :

PB169230BSD

Tgt Ion: 77 Resp: 803297

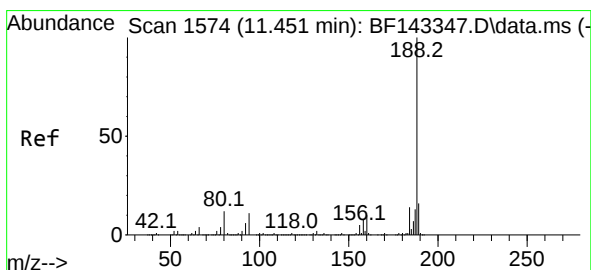
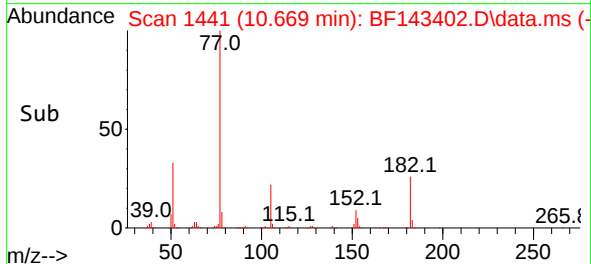
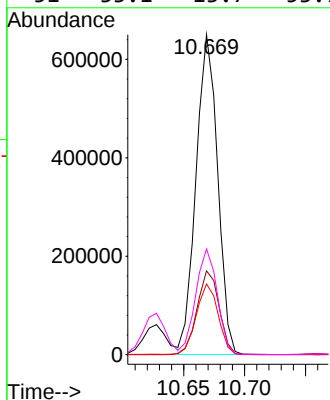
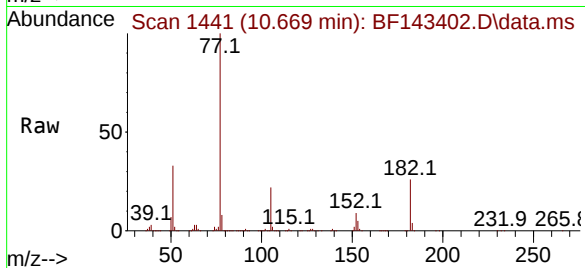
Ion Ratio Lower Upper

77 100

182 26.2 4.4 44.4

105 22.1 1.8 41.8

51 33.1 13.7 53.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.457 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

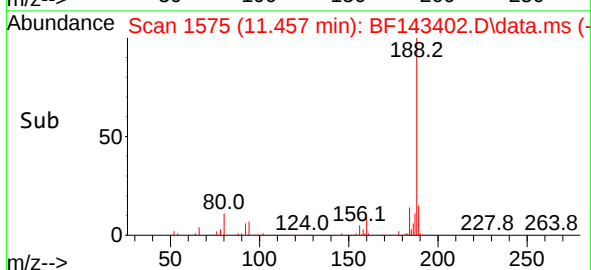
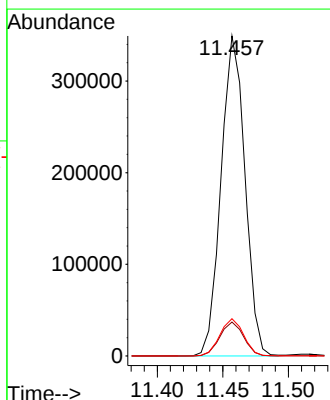
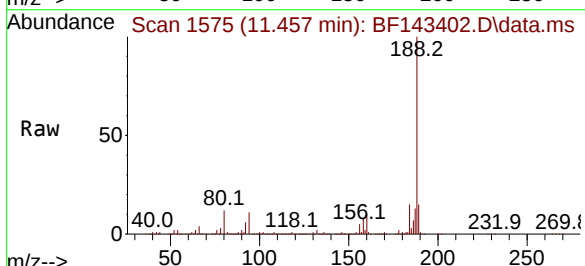
Tgt Ion: 188 Resp: 442984

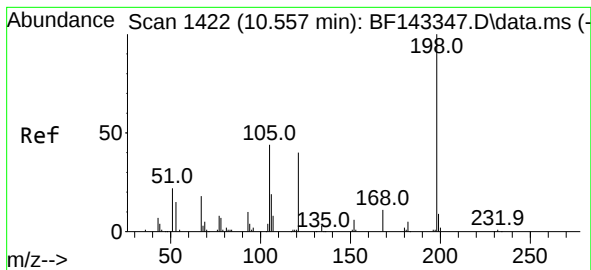
Ion Ratio Lower Upper

188 100

94 10.6 8.8 13.2

80 11.6 9.7 14.5

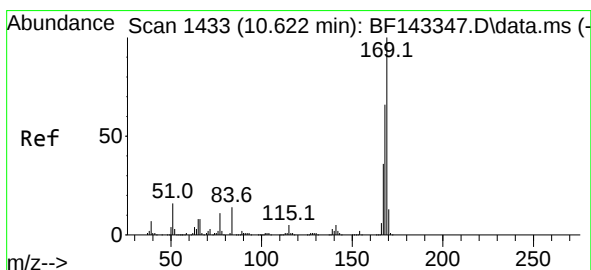
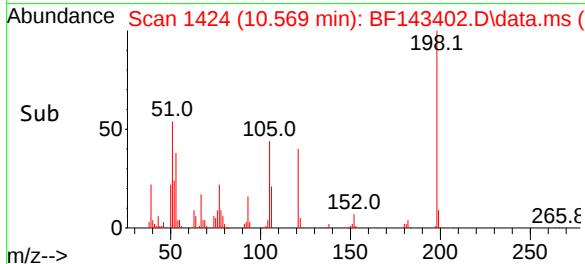
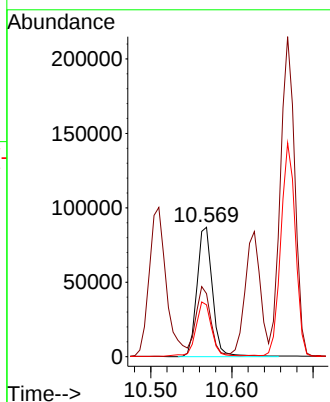
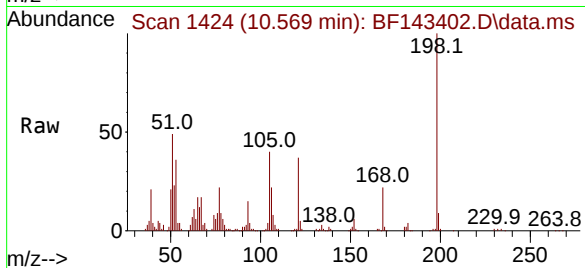




#65
4,6-Dinitro-2-methylphenol
Concen: 62.034 ng
RT: 10.569 min Scan# 1422
Delta R.T. 0.012 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

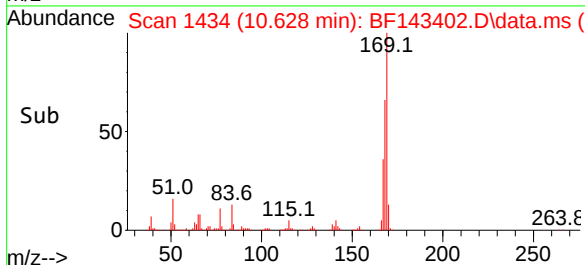
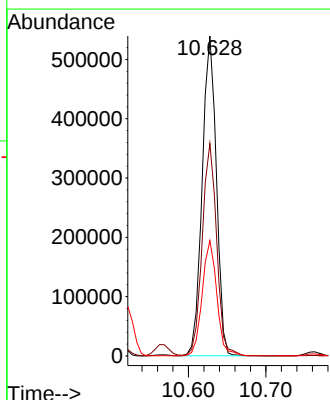
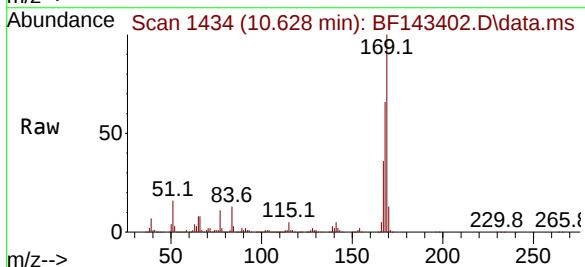
Instrument :
BNA_F
ClientSampleId :
PB169230BSD

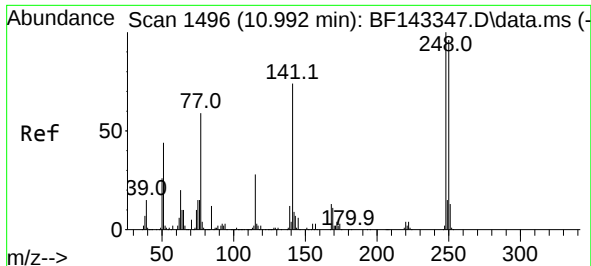
Tgt Ion:198 Resp: 115661
Ion Ratio Lower Upper
198 100
51 48.7 41.7 81.7
105 40.1 26.8 66.8



#66
n-Nitrosodiphenylamine
Concen: 46.921 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

Tgt Ion:169 Resp: 684414
Ion Ratio Lower Upper
169 100
168 66.4 52.7 79.1
167 36.0 28.6 42.8

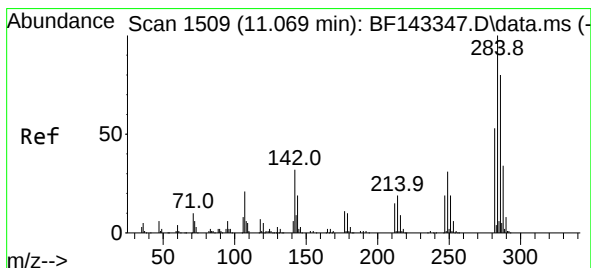
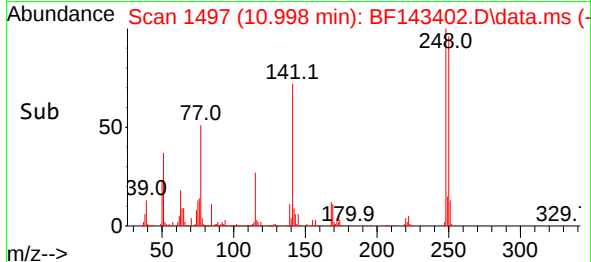
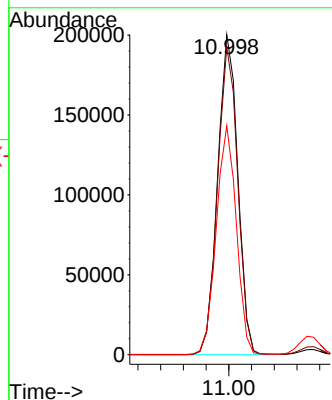
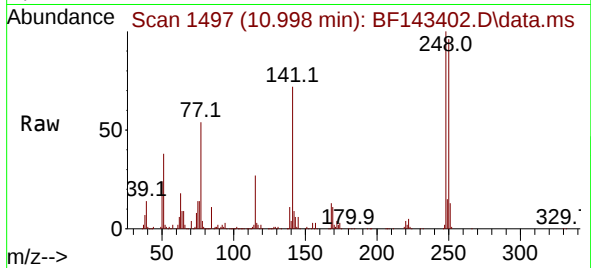




#67
4-Bromophenyl-phenylether
Concen: 48.875 ng
RT: 10.998 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

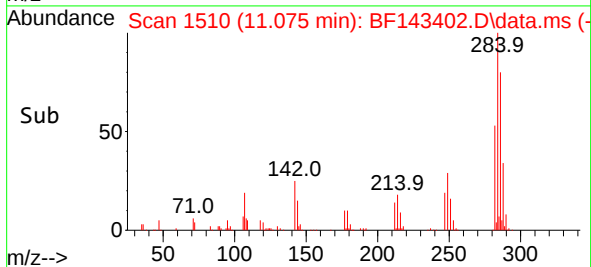
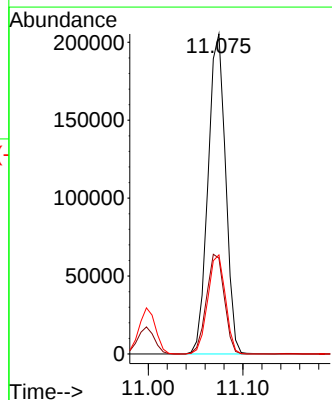
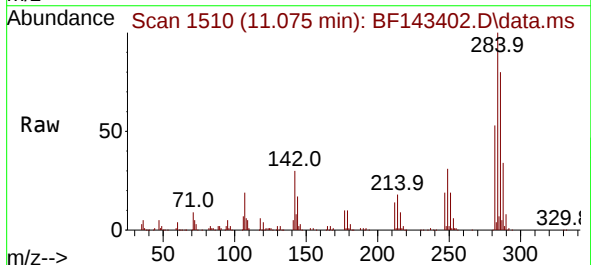
Instrument :
BNA_F
ClientSampleId :
PB169230BSD

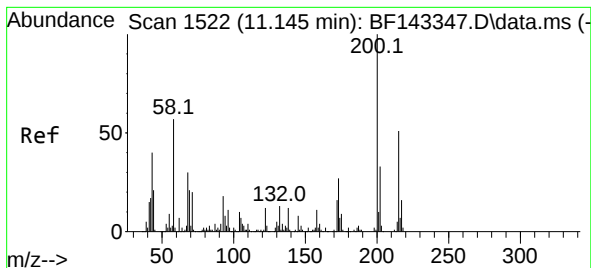
Tgt Ion:248 Resp: 247617
Ion Ratio Lower Upper
248 100
250 96.1 77.1 115.7
141 71.5 59.1 88.7



#68
Hexachlorobenzene
Concen: 48.215 ng
RT: 11.075 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

Tgt Ion:284 Resp: 263304
Ion Ratio Lower Upper
284 100
142 29.9 25.7 38.5
249 31.0 24.6 37.0





#69

Atrazine

Concen: 54.217 ng

RT: 11.151 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA_F

ClientSampleId :

PB169230BSD

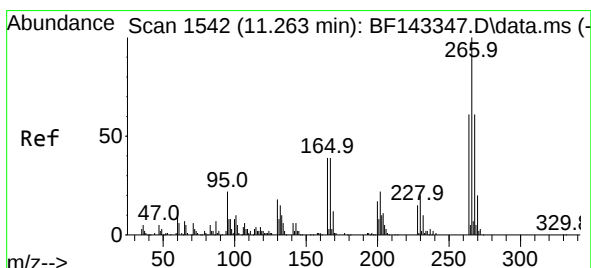
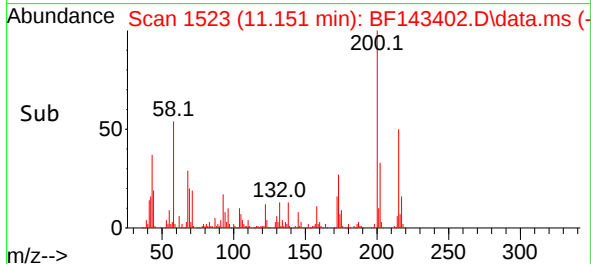
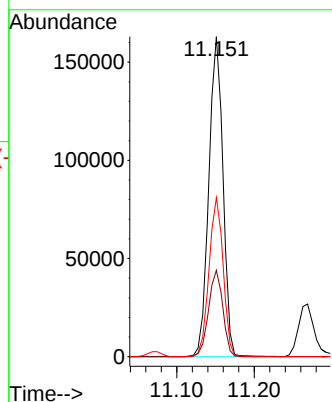
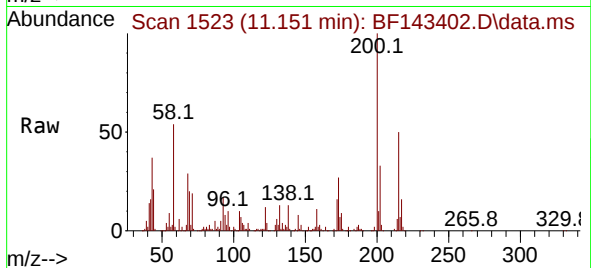
Tgt Ion:200 Resp: 206268

Ion Ratio Lower Upper

200 100

173 27.0 6.6 46.6

215 49.7 30.6 70.6



#70

Pentachlorophenol

Concen: 88.377 ng

RT: 11.269 min Scan# 1543

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

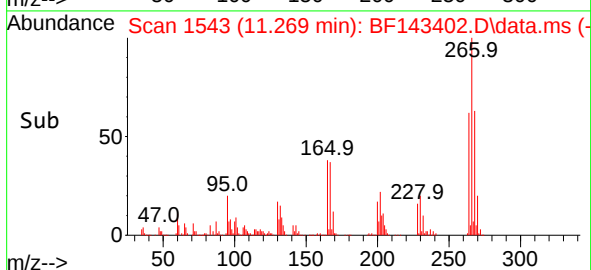
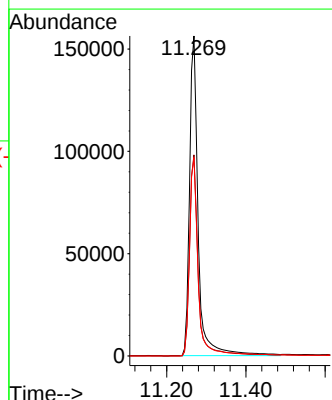
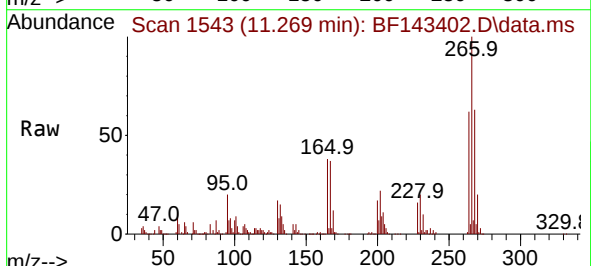
Tgt Ion:266 Resp: 238029

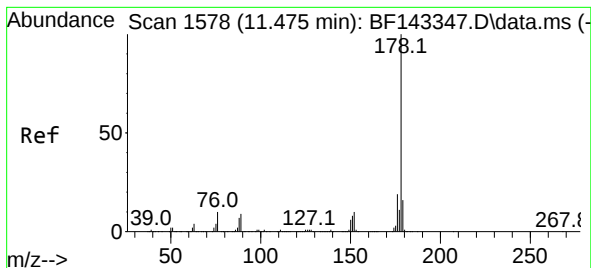
Ion Ratio Lower Upper

266 100

268 62.9 48.8 73.2

264 62.1 48.8 73.2





#71

Phenanthrene

Concen: 45.573 ng

RT: 11.480 min Scan# 1578

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA_F

ClientSampleId :

PB169230BSD

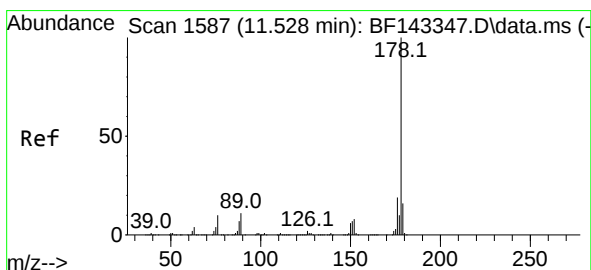
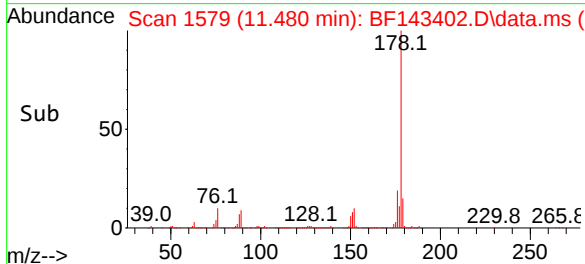
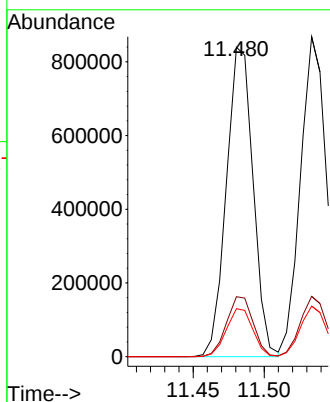
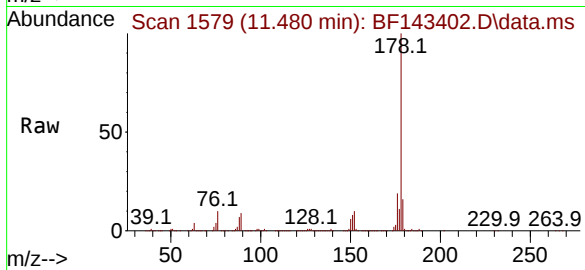
Tgt Ion:178 Resp: 1101447

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.5 12.5 18.7



#72

Anthracene

Concen: 45.026 ng

RT: 11.533 min Scan# 1588

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

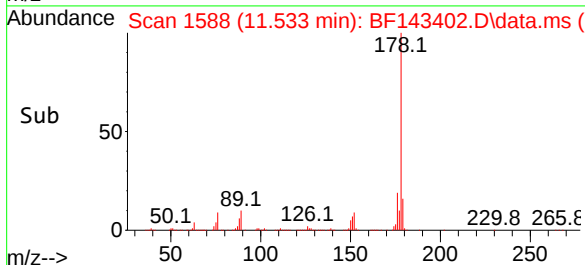
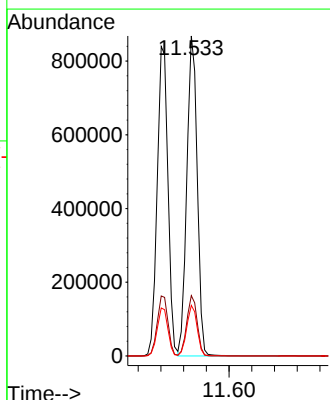
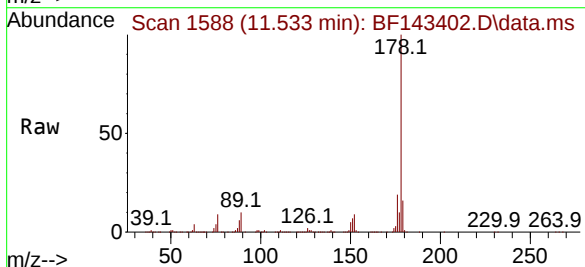
Tgt Ion:178 Resp: 1103636

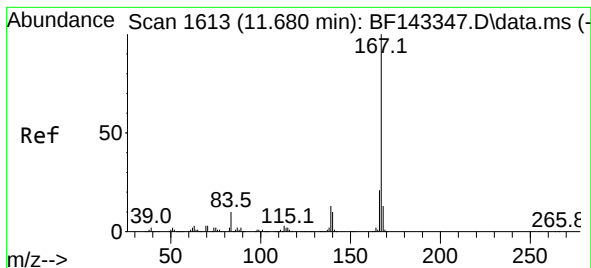
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.8 12.7 19.1





#73

Carbazole

Concen: 43.991 ng

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA_F

ClientSampleId :

PB169230BSD

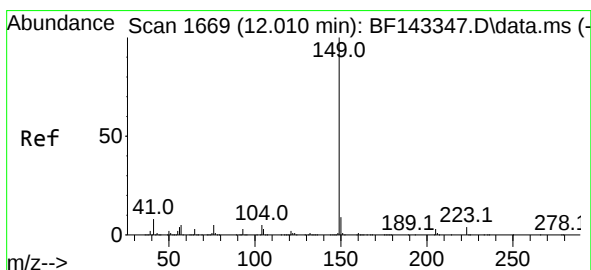
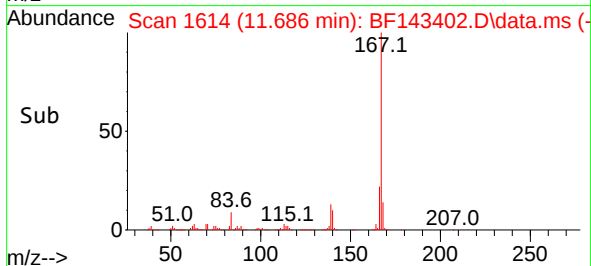
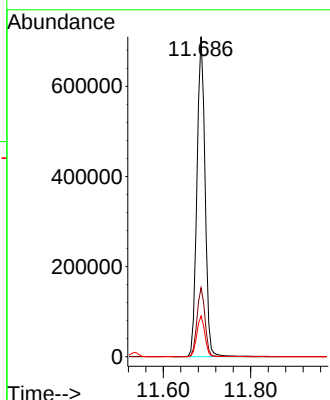
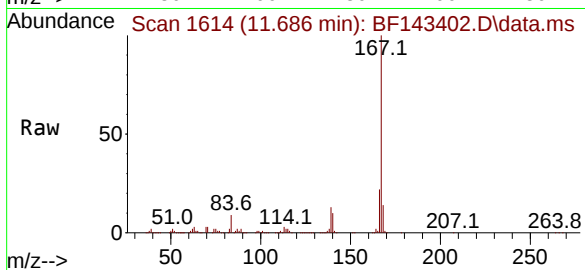
Tgt Ion:167 Resp: 918313

Ion Ratio Lower Upper

167 100

166 21.6 16.8 25.2

139 12.7 10.2 15.2



#74

Di-n-butylphthalate

Concen: 57.726 ng

RT: 12.010 min Scan# 1669

Delta R.T. -0.000 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

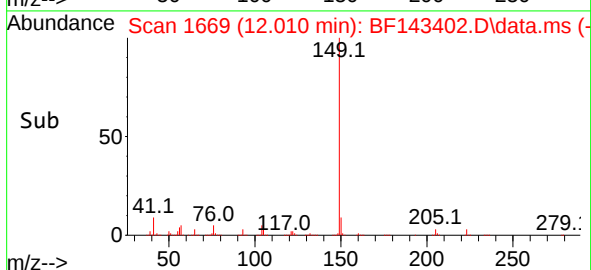
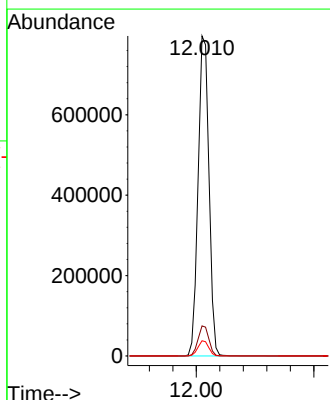
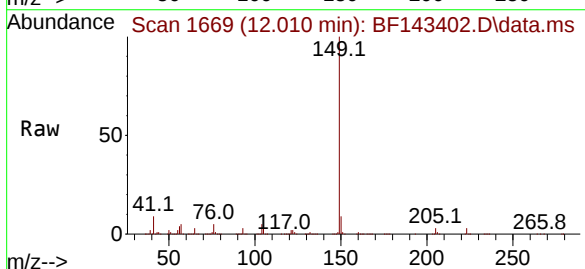
Tgt Ion:149 Resp: 1019694

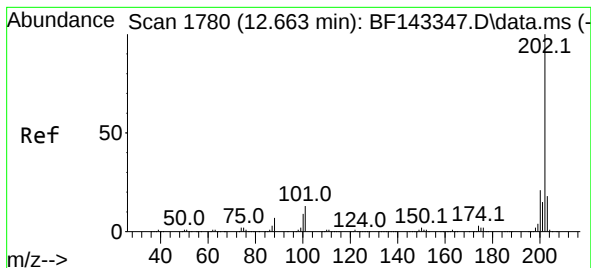
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 4.7 3.8 5.8





#75

Fluoranthene

Concen: 45.301 ng

RT: 12.669 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA_F

ClientSampleId :

PB169230BSD

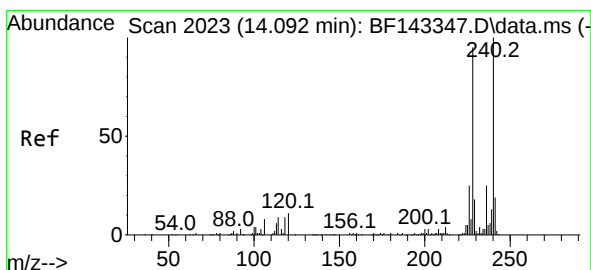
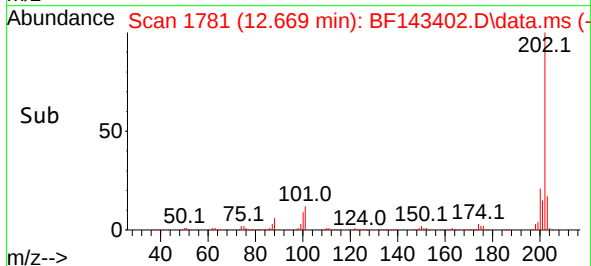
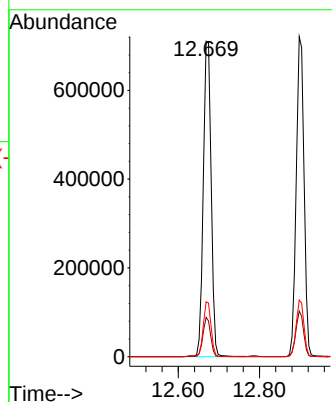
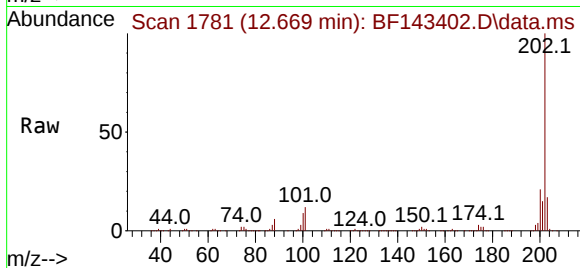
Tgt Ion:202 Resp: 959076

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.2

203 17.4 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

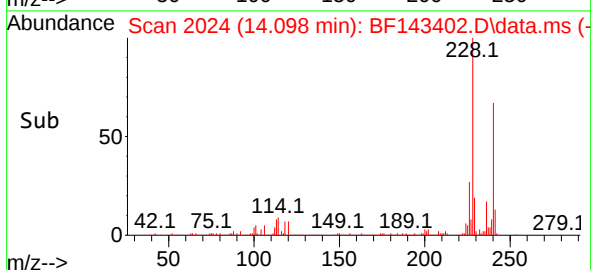
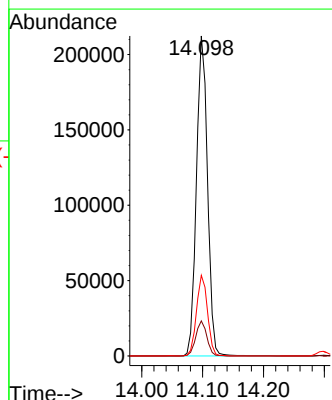
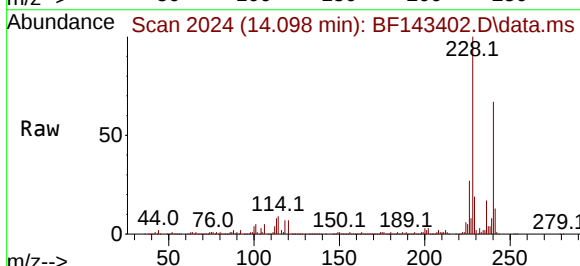
Tgt Ion:240 Resp: 267936

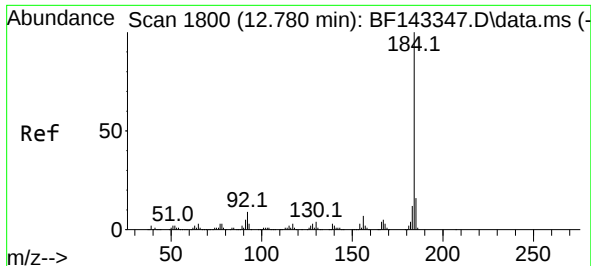
Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.6

236 25.2 19.9 29.9

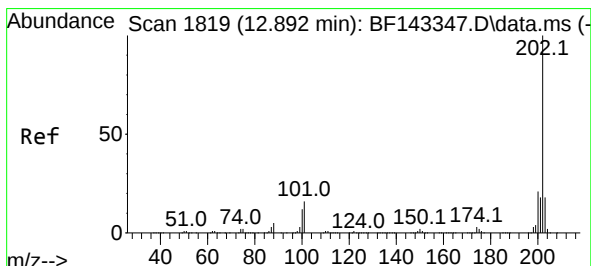
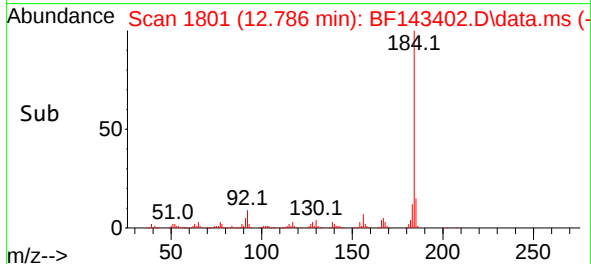
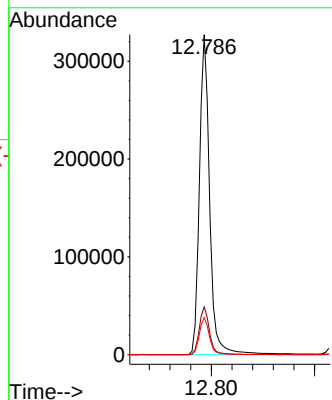
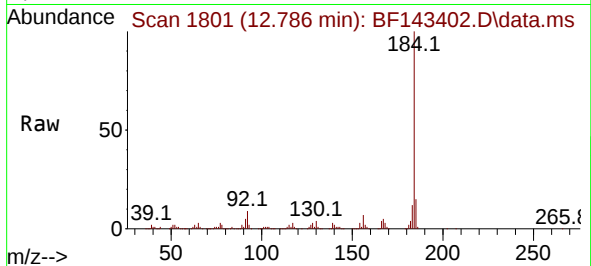




#77
Benzidine
Concen: 61.227 ng
RT: 12.786 min Scan# 1801
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

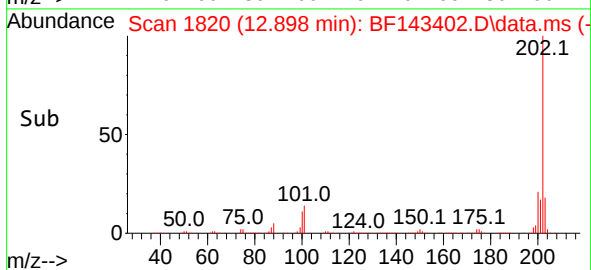
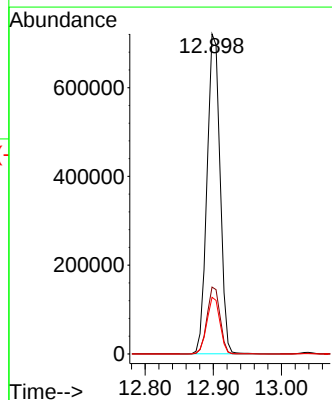
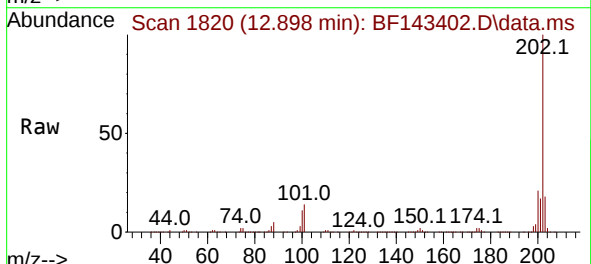
Instrument :
BNA_F
ClientSampleId :
PB169230BSD

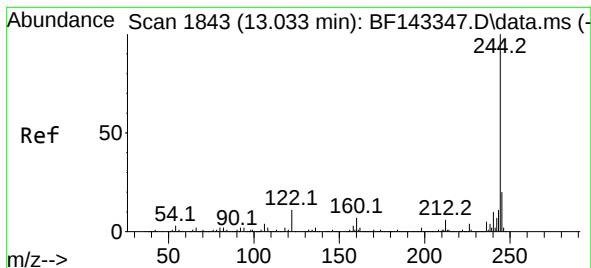
Tgt Ion:184 Resp: 448495
Ion Ratio Lower Upper
184 100
185 14.9 12.8 19.2
183 11.6 9.3 13.9



#78
Pyrene
Concen: 42.645 ng
RT: 12.898 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

Tgt Ion:202 Resp: 958541
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 88.020 ng

RT: 13.039 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA_F

ClientSampleId :

PB169230BSD

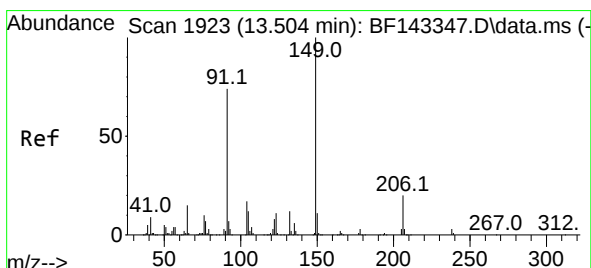
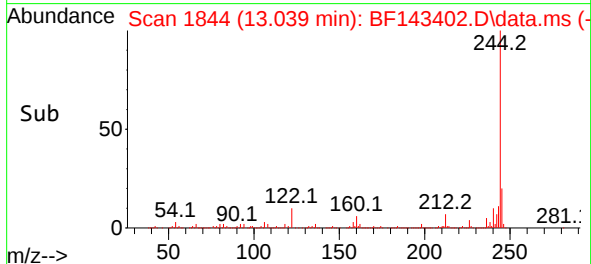
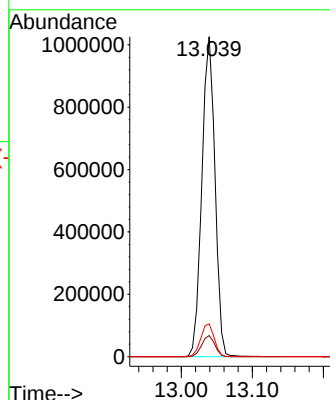
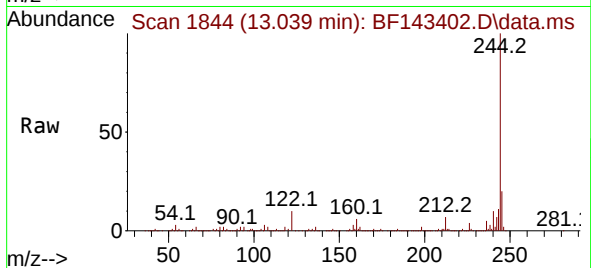
Tgt Ion:244 Resp: 1320965

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 10.2 8.9 13.3



#80

Butylbenzylphthalate

Concen: 69.681 ng

RT: 13.510 min Scan# 1924

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

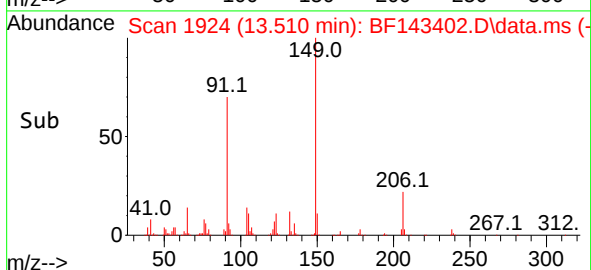
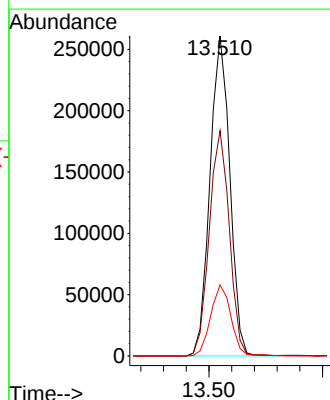
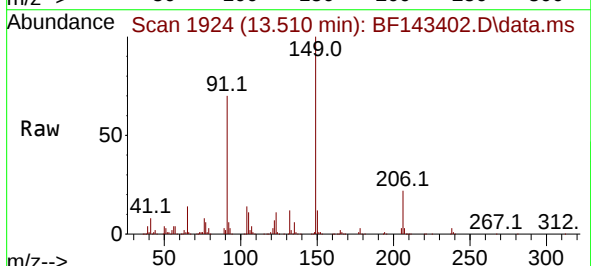
Tgt Ion:149 Resp: 316736

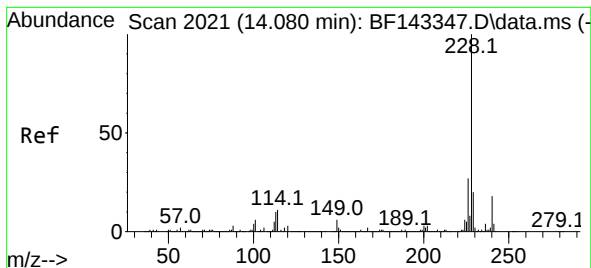
Ion Ratio Lower Upper

149 100

91 70.4 58.8 88.2

206 22.2 16.4 24.6





#81

Benzo(a)anthracene

Concen: 46.520 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA_F

ClientSampleId :

PB169230BSD

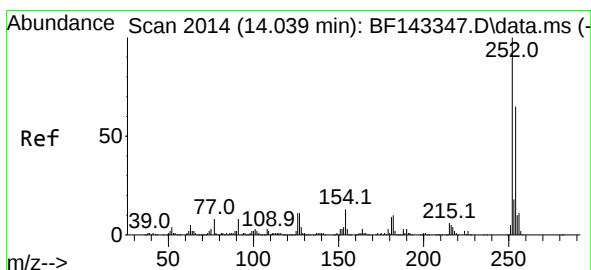
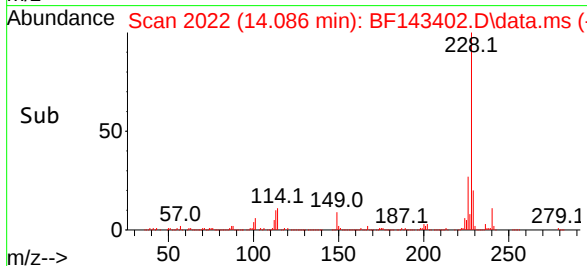
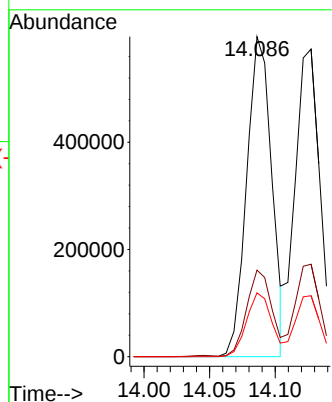
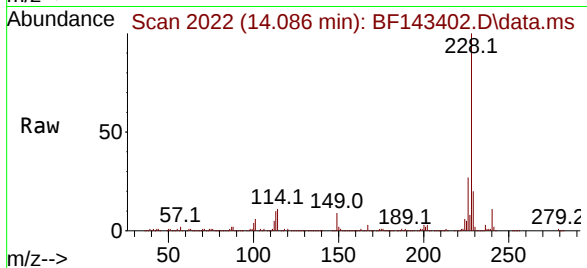
Tgt Ion:228 Resp: 792229

Ion Ratio Lower Upper

228 100

226 27.1 22.0 33.0

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 38.359 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

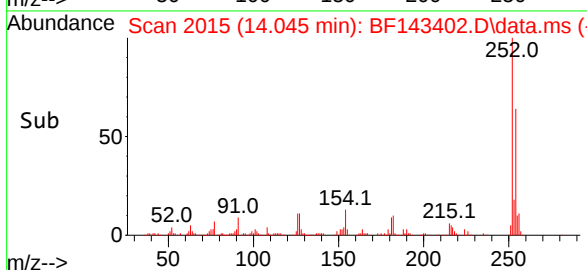
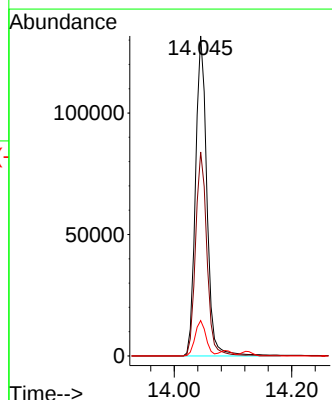
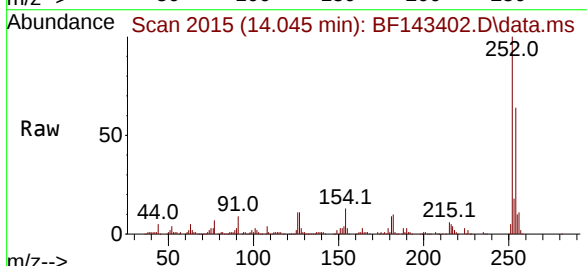
Tgt Ion:252 Resp: 176392

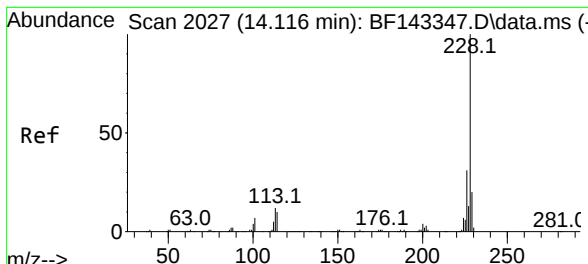
Ion Ratio Lower Upper

252 100

254 63.8 51.7 77.5

126 11.1 9.2 13.8





#83

Chrysene

Concen: 47.750 ng

RT: 14.127 min Scan# 2019

Delta R.T. 0.012 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA_F

ClientSampleId :

PB169230BSD

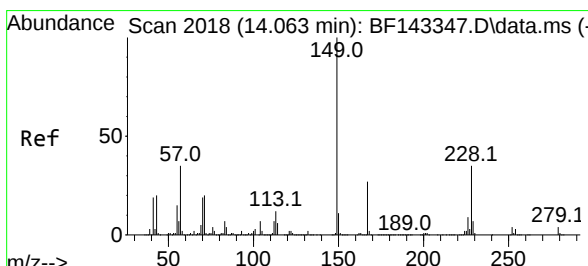
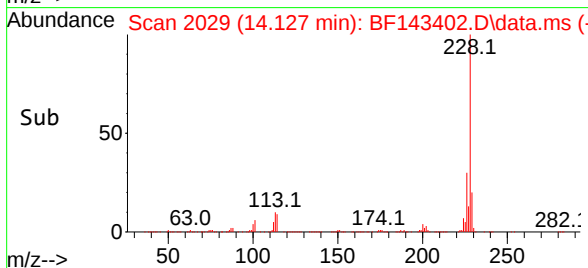
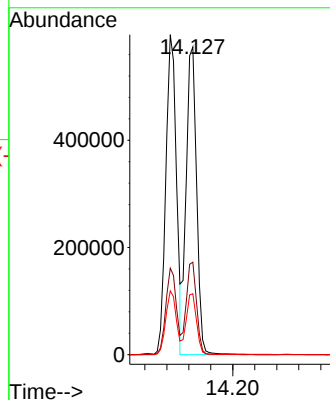
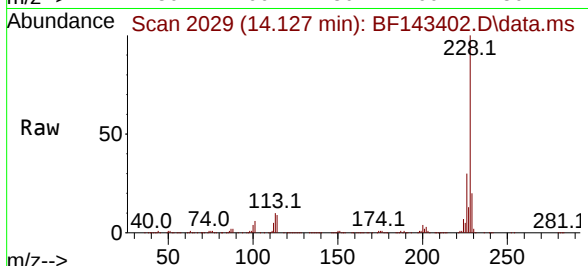
Tgt Ion:228 Resp: 758241

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.528 ng

RT: 14.068 min Scan# 2019

Delta R.T. 0.005 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

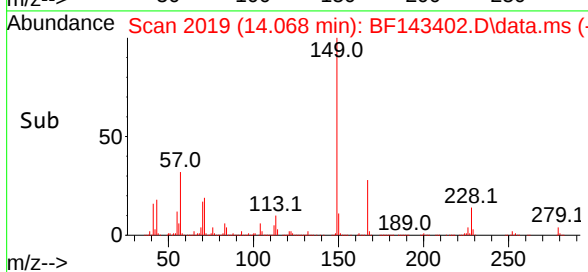
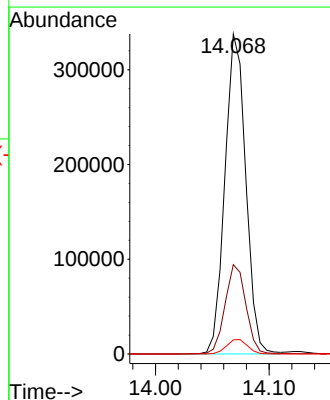
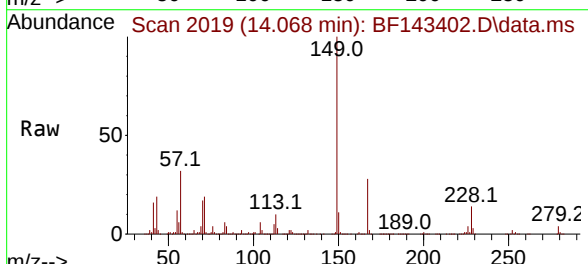
Tgt Ion:149 Resp: 431370

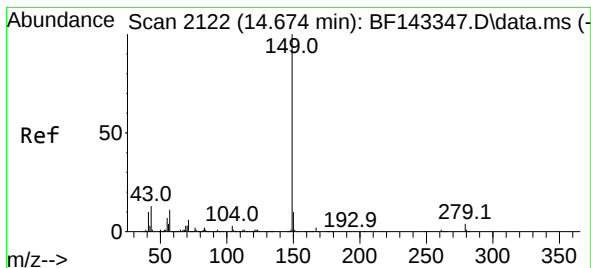
Ion Ratio Lower Upper

149 100

167 27.9 21.4 32.0

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 60.987 ng

RT: 14.686 min Scan# 2124

Delta R.T. 0.012 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA_F

ClientSampleId :

PB169230BSD

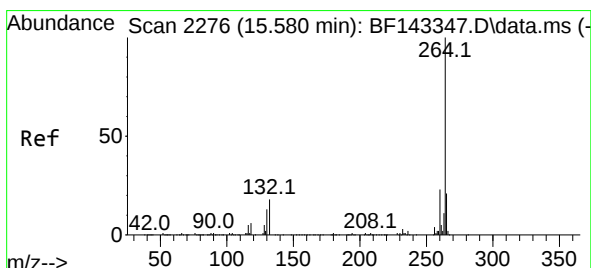
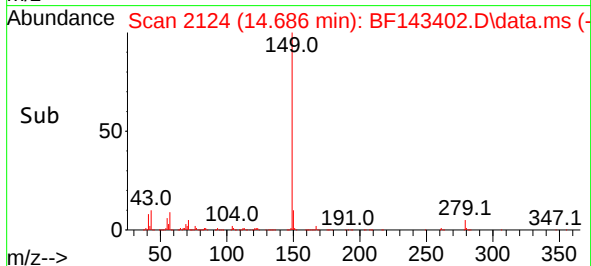
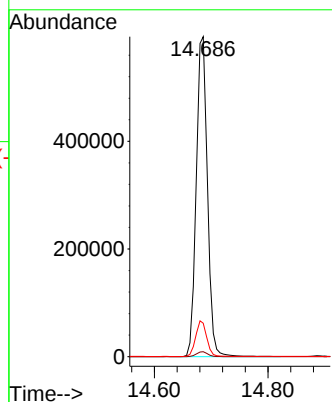
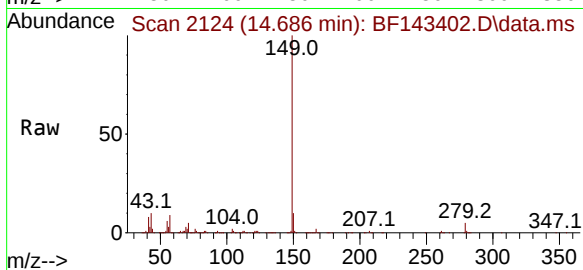
Tgt Ion:149 Resp: 817569

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.0 10.8 16.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2278

Delta R.T. 0.012 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

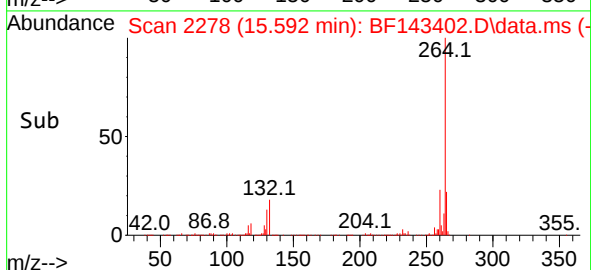
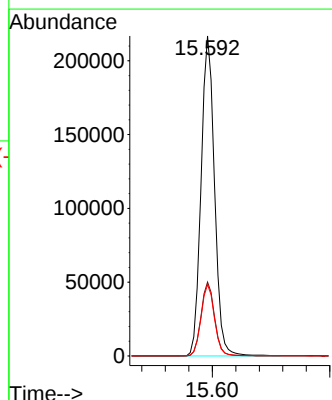
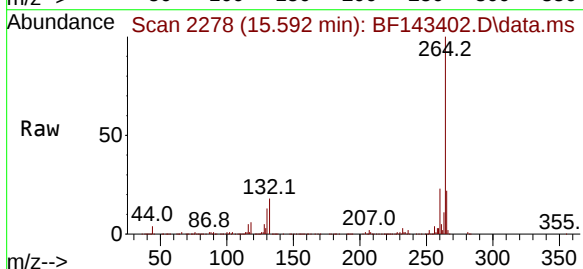
Tgt Ion:264 Resp: 344135

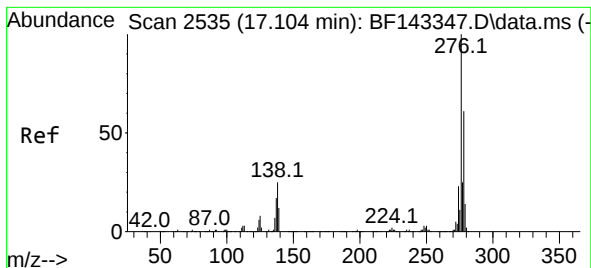
Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 22.3 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.254 ng

RT: 17.127 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA_F

ClientSampleId :

PB169230BSD

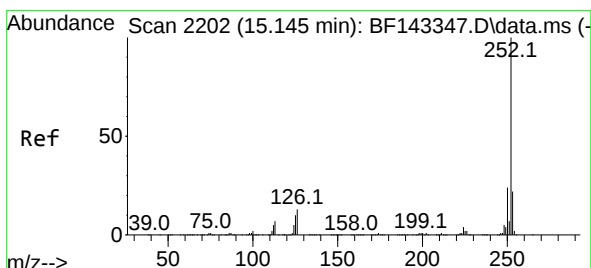
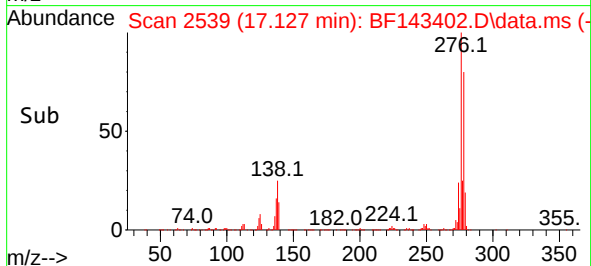
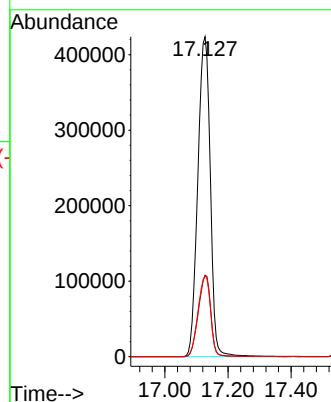
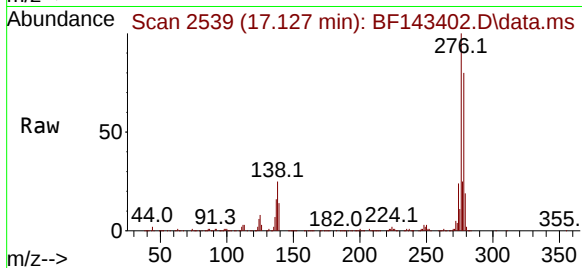
Tgt Ion:276 Resp: 1165050

Ion Ratio Lower Upper

276 100

138 25.3 21.1 31.7

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.591 ng

RT: 15.157 min Scan# 2204

Delta R.T. 0.012 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

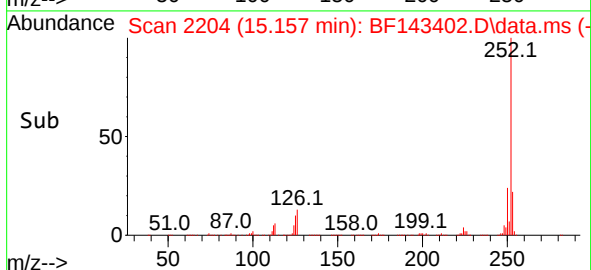
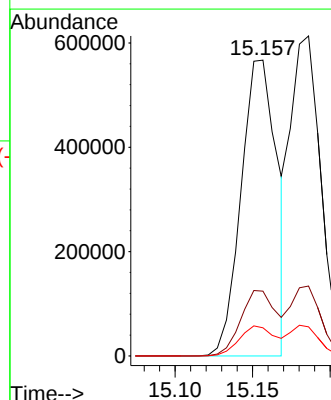
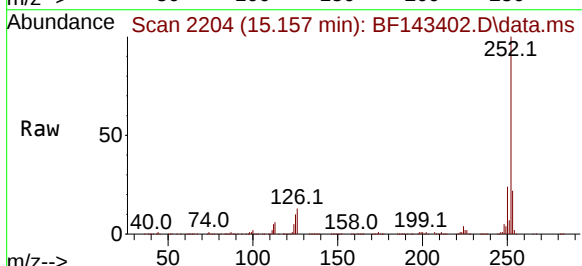
Tgt Ion:252 Resp: 914618

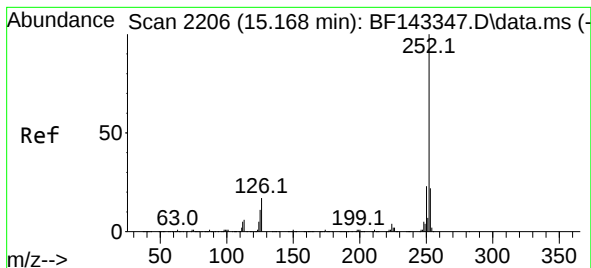
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 9.5 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 45.832 ng

RT: 15.186 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

Instrument :

BNA_F

ClientSampleId :

PB169230BSD

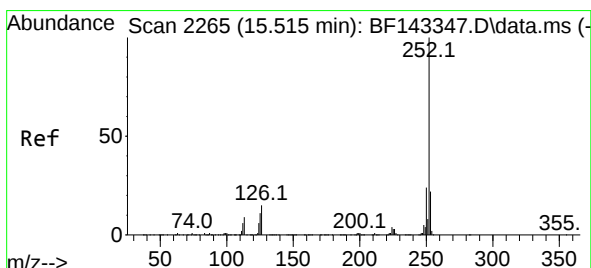
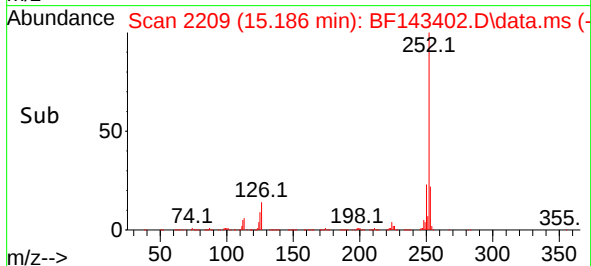
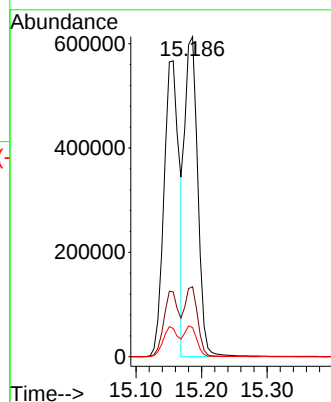
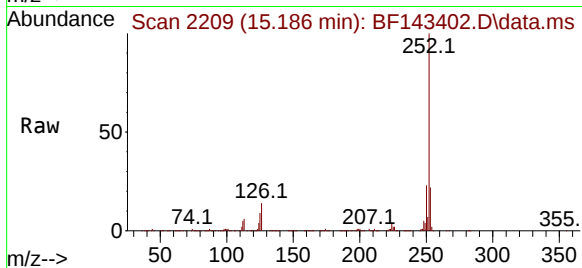
Tgt Ion:252 Resp: 838259

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.1 8.4 12.6



#90

Benzo(a)pyrene

Concen: 49.713 ng

RT: 15.533 min Scan# 2268

Delta R.T. 0.018 min

Lab File: BF143402.D

Acq: 15 Aug 2025 05:23

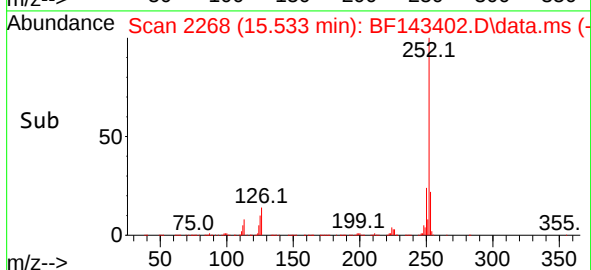
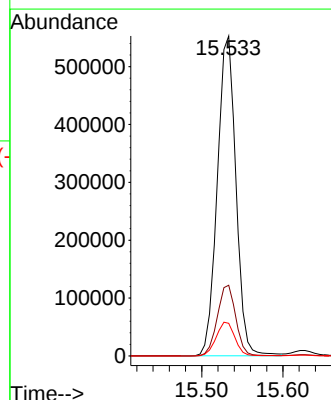
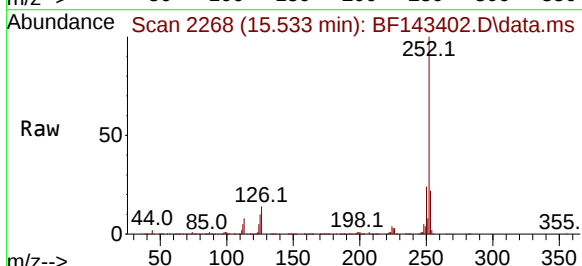
Tgt Ion:252 Resp: 881315

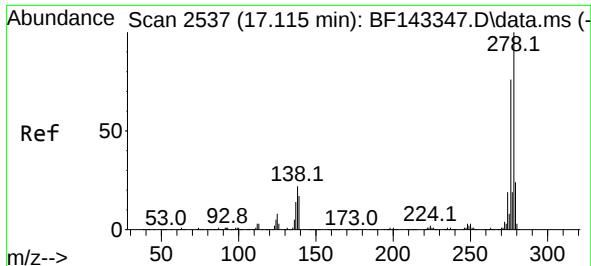
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 10.2 9.1 13.7

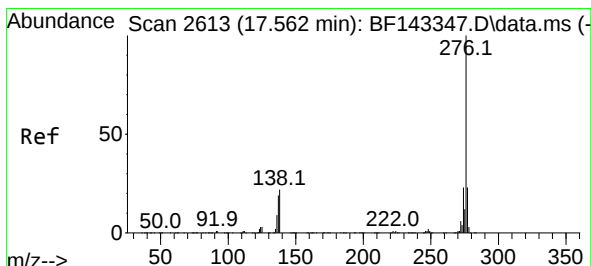
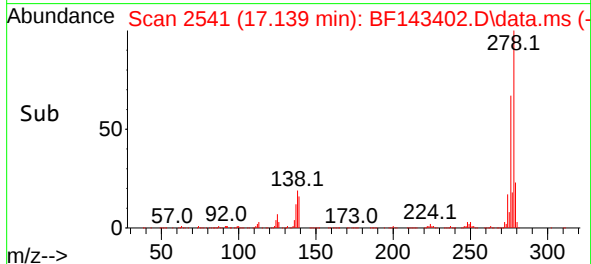
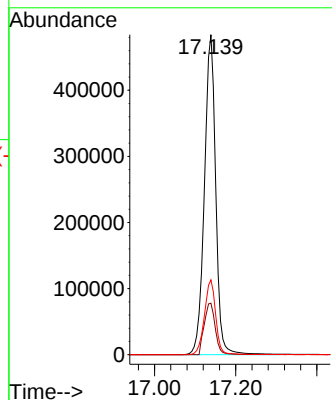
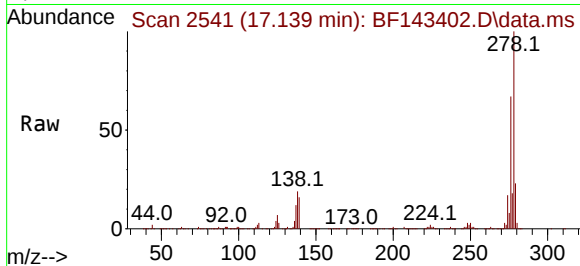




#91
Dibenzo(a,h)anthracene
Concen: 47.556 ng
RT: 17.139 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

Instrument :
BNA_F
ClientSampleId :
PB169230BSD

Tgt Ion:278 Resp: 936697
Ion Ratio Lower Upper
278 100
139 16.1 14.0 21.0
279 23.4 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 47.544 ng
RT: 17.586 min Scan# 2617
Delta R.T. 0.024 min
Lab File: BF143402.D
Acq: 15 Aug 2025 05:23

Tgt Ion:276 Resp: 943364
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 22.4 17.8 26.8

