

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
 Data File : BF143593.D
 Acq On : 26 Aug 2025 15:40
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082625

Quant Time: Aug 26 16:38:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 26 16:30:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	157712	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	601114	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	327150	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	506960	20.000	ng	0.00
76) Chrysene-d12	14.051	240	276317	20.000	ng	0.00
86) Perylene-d12	15.527	264	321846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	704424	76.019	ng	0.00
7) Phenol-d6	6.510	99	876773	76.394	ng	0.00
23) Nitrobenzene-d5	7.457	82	762282	90.545	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	222418	86.937	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1405536	73.456	ng	0.00
79) Terphenyl-d14	12.998	244	1203079	78.131	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	168044	37.069	ng	98
3) Pyridine	3.440	79	459615	40.375	ng	99
4) n-Nitrosodimethylamine	3.393	42	205702	37.975	ng	98
6) Aniline	6.557	93	609762	38.057	ng	99
8) 2-Chlorophenol	6.675	128	383878	39.156	ng	98
9) Benzaldehyde	6.445	77	367411	42.545	ng	99
10) Phenol	6.528	94	517216	40.181	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	373323	37.848	ng	98
12) 1,3-Dichlorobenzene	6.833	146	426428	37.867	ng	98
13) 1,4-Dichlorobenzene	6.910	146	418786	36.881	ng	99
14) 1,2-Dichlorobenzene	7.063	146	404850	37.588	ng	99
15) Benzyl Alcohol	7.028	79	340258	39.558	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	651543	35.785	ng	98
17) 2-Methylphenol	7.133	107	319640	38.406	ng	99
18) Hexachloroethane	7.410	117	142953	39.621	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	272967	37.543	ng	97
20) 3+4-Methylphenols	7.292	107	401106	39.240	ng	98
22) Acetophenone	7.304	105	497165	36.725	ng	99
24) Nitrobenzene	7.475	77	406914	45.083	ng	98
25) Isophorone	7.716	82	752913	38.216	ng	99
26) 2-Nitrophenol	7.786	139	179721	48.492	ng	98
27) 2,4-Dimethylphenol	7.822	122	333584	38.915	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	445985	37.415	ng	100
29) 2,4-Dichlorophenol	8.028	162	331155	40.096	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	328582	38.104	ng	100
31) Naphthalene	8.198	128	1086358	37.406	ng	100
32) Benzoic acid	7.922	122	206022	47.270	ng	99
33) 4-Chloroaniline	8.239	127	397839	38.775	ng	99
34) Hexachlorobutadiene	8.316	225	207506	38.188	ng	99
35) Caprolactam	8.616	113	96855	41.278	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	338996	39.260	ng	99
37) 2-Methylnaphthalene	8.886	142	714074	37.231	ng	98
38) 1-Methylnaphthalene	8.986	142	698764	37.750	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	324187	38.097	ng	100
41) Hexachlorocyclopentadiene	9.039	237	178267	42.585	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	226115	40.213	ng	99

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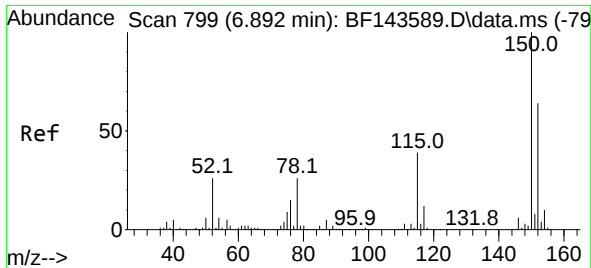
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	240561	42.338	ng	99
46) 1,1'-Biphenyl	9.351	154	853194	37.586	ng	100
47) 2-Chloronaphthalene	9.375	162	680043	37.924	ng	99
48) 2-Nitroaniline	9.469	65	213739	43.371	ng	97
49) Acenaphthylene	9.792	152	981552	37.621	ng	100
50) Dimethylphthalate	9.645	163	769901	38.260	ng	99
51) 2,6-Dinitrotoluene	9.710	165	149488	44.605	ng	95
52) Acenaphthene	9.963	154	658449	38.529	ng	99
53) 3-Nitroaniline	9.880	138	170796	43.240	ng	# 97
54) 2,4-Dinitrophenol	9.980	184	53959	51.246	ng	# 42
55) Dibenzofuran	10.133	168	934002	37.276	ng	100
56) 4-Nitrophenol	10.022	139	142962	43.838	ng	97
57) 2,4-Dinitrotoluene	10.110	165	199246	45.207	ng	97
58) Fluorene	10.480	166	687711	36.556	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	185382	44.131	ng	99
60) Diethylphthalate	10.351	149	715330	37.933	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	339548	36.906	ng	99
62) 4-Nitroaniline	10.492	138	161334	43.463	ng	96
63) Azobenzene	10.633	77	718182	37.562	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	84325	49.211	ng	96
66) n-Nitrosodiphenylamine	10.586	169	613478	38.044	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	211109	38.499	ng	99
68) Hexachlorobenzene	11.021	284	223302	38.071	ng	96
69) Atrazine	11.116	200	182262	39.321	ng	99
70) Pentachlorophenol	11.216	266	144141	43.012	ng	99
71) Phenanthrene	11.439	178	1004644	37.012	ng	100
72) Anthracene	11.492	178	1025365	37.485	ng	100
73) Carbazole	11.645	167	889140	37.604	ng	100
74) Di-n-butylphthalate	11.974	149	949301	39.416	ng	100
75) Fluoranthene	12.627	202	915700	36.948	ng	99
77) Benzidine	12.745	184	281785	44.295	ng	99
78) Pyrene	12.857	202	916578	39.636	ng	100
80) Butylbenzylphthalate	13.474	149	258180	40.181	ng	98
81) Benzo(a)anthracene	14.039	228	638066	36.704	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	196224	42.101	ng	99
83) Chrysene	14.080	228	628897	38.818	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	327160	39.310	ng	99
85) Di-n-octyl phthalate	14.651	149	610648	39.930	ng	98
87) Indeno(1,2,3-cd)pyrene	17.027	276	884839	40.409	ng	99
88) Benzo(b)fluoranthene	15.092	252	677056	36.818	ng	99
89) Benzo(k)fluoranthene	15.127	252	613528	35.683	ng	100
90) Benzo(a)pyrene	15.468	252	627013	38.591	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	719681	40.157	ng	99
92) Benzo(g,h,i)perylene	17.480	276	716895	40.405	ng	100

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

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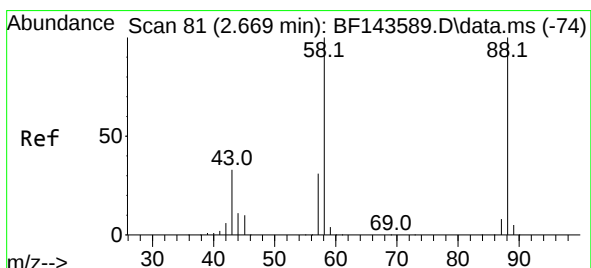
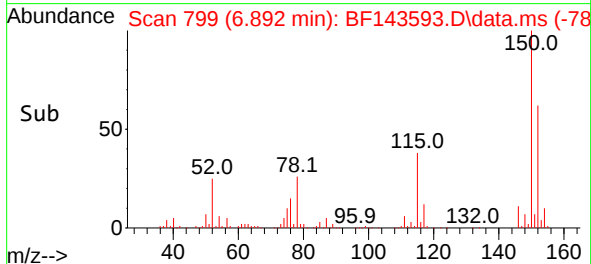
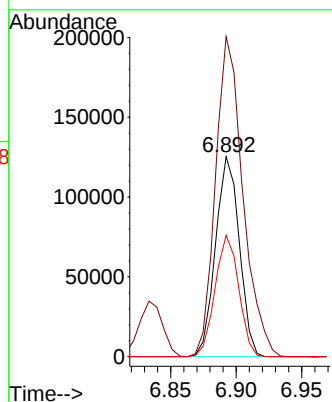
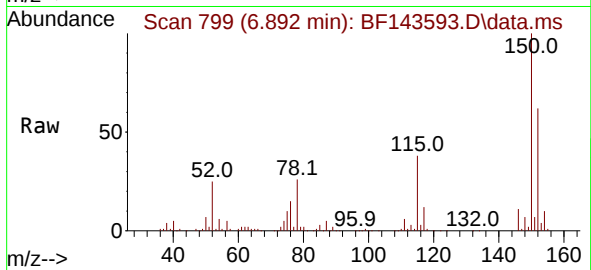




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: BF143593.D
 Acq: 26 Aug 2025 15:40

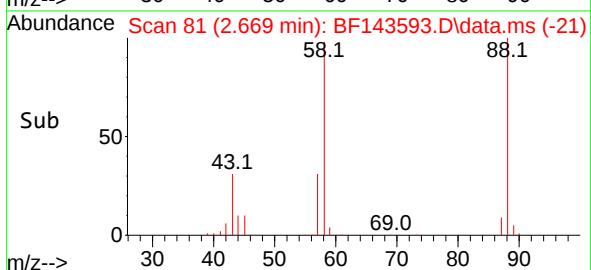
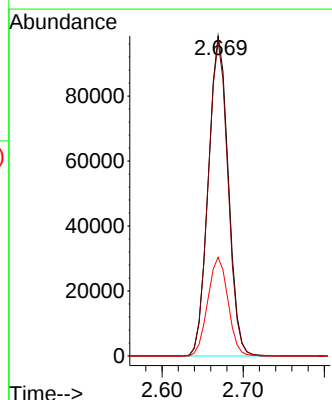
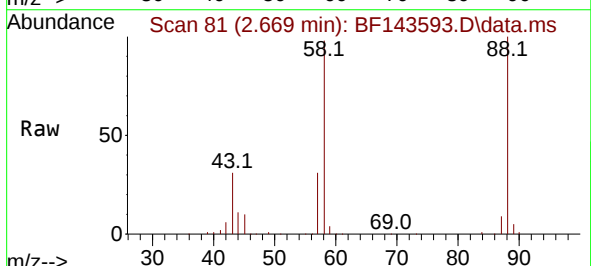
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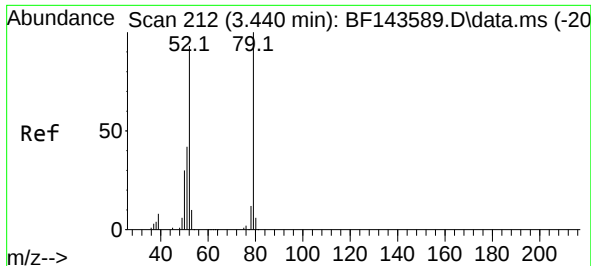
Tgt Ion:152 Resp: 157712
 Ion Ratio Lower Upper
 152 100
 150 160.1 124.9 187.3
 115 60.7 48.0 72.0



#2
 1,4-Dioxane
 Concen: 37.069 ng
 RT: 2.669 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF143593.D
 Acq: 26 Aug 2025 15:40

Tgt Ion: 88 Resp: 168044
 Ion Ratio Lower Upper
 88 100
 58 97.6 79.2 118.8
 43 31.2 26.2 39.2





#3

Pyridine

Concen: 40.375 ng

RT: 3.440 min Scan# 212

Delta R.T. 0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

Instrument :

BNA_F

ClientSampleId :

ICVBF082625

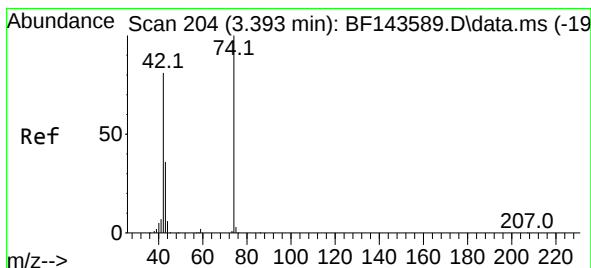
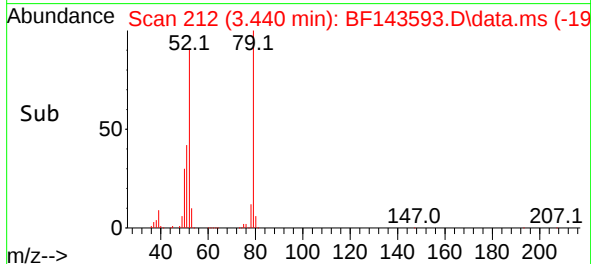
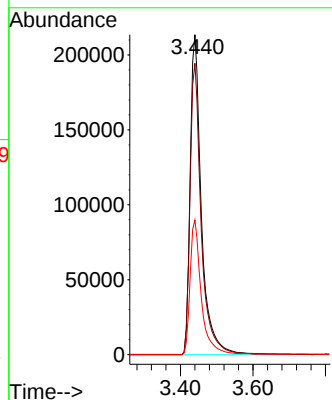
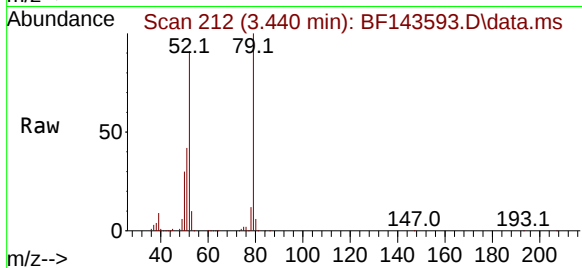
Tgt Ion: 79 Resp: 459615

Ion Ratio Lower Upper

79 100

52 91.0 74.3 111.5

51 42.1 33.5 50.3



#4

n-Nitrosodimethylamine

Concen: 37.975 ng

RT: 3.393 min Scan# 204

Delta R.T. -0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

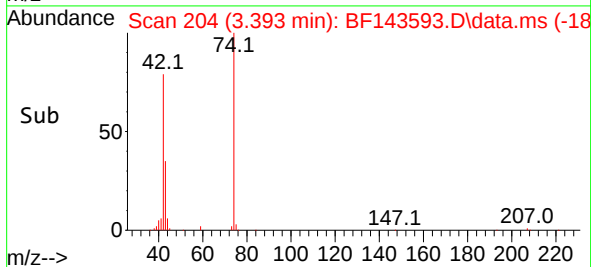
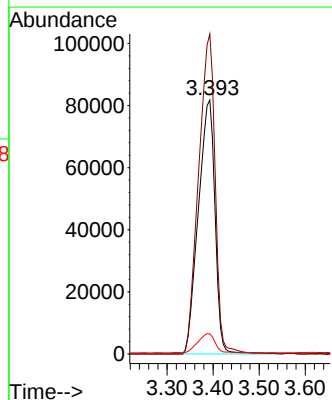
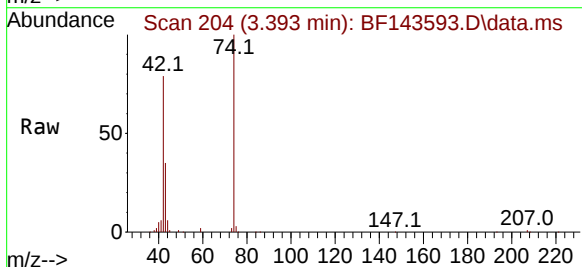
Tgt Ion: 42 Resp: 205702

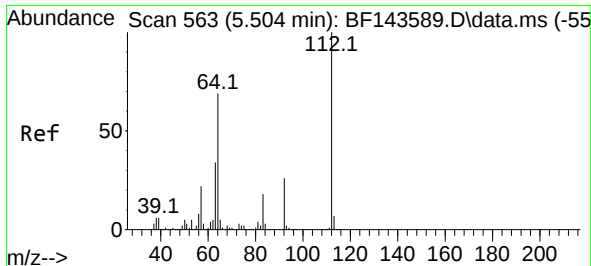
Ion Ratio Lower Upper

42 100

74 126.0 98.9 148.3

44 8.0 7.0 10.4

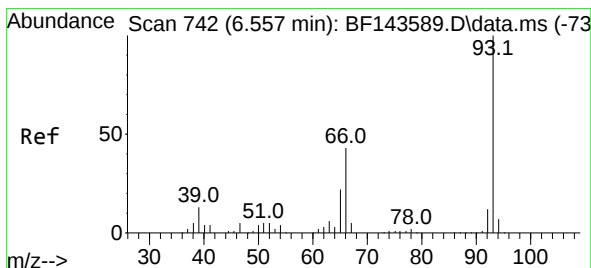
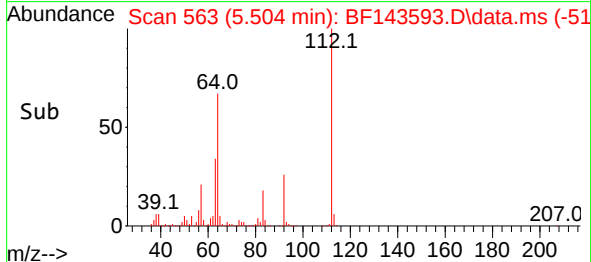
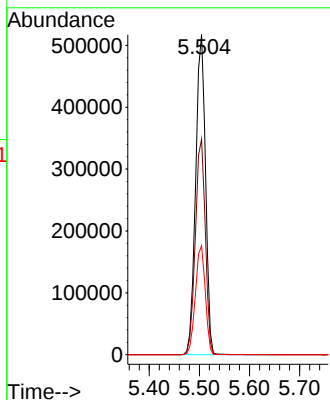
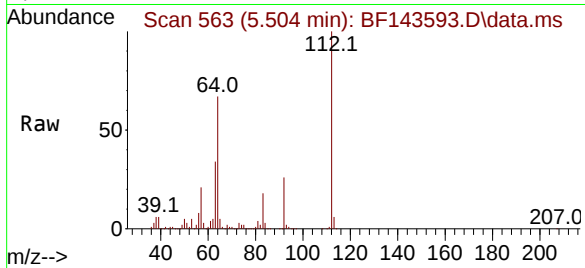




#5
2-Fluorophenol
Concen: 76.019 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

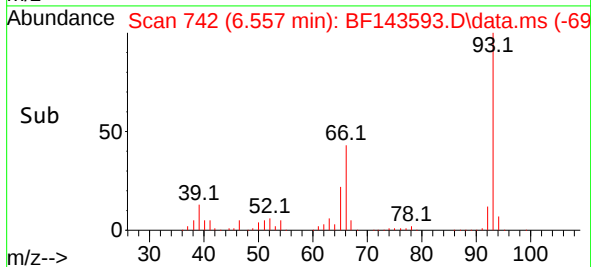
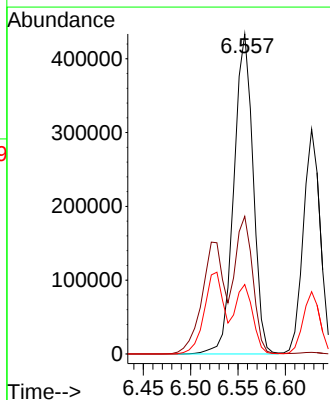
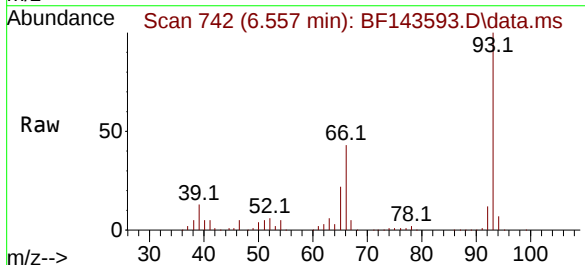
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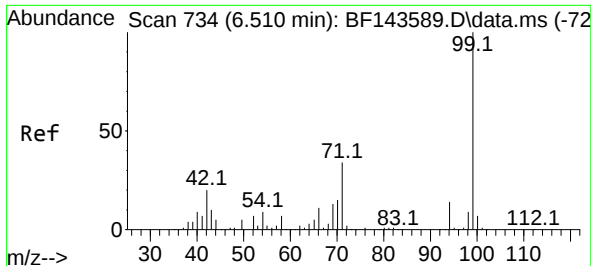
Tgt Ion:112 Resp: 704424
Ion Ratio Lower Upper
112 100
64 67.4 54.8 82.2
63 34.0 27.6 41.4



#6
Aniline
Concen: 38.057 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion: 93 Resp: 609762
Ion Ratio Lower Upper
93 100
66 43.0 35.0 52.4
65 21.7 17.5 26.3

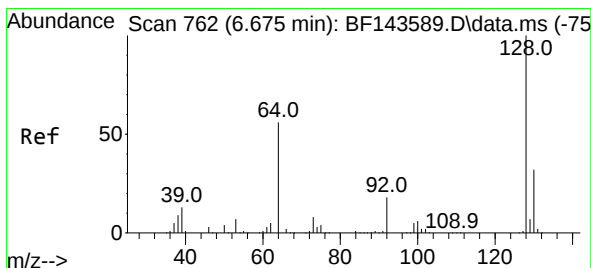
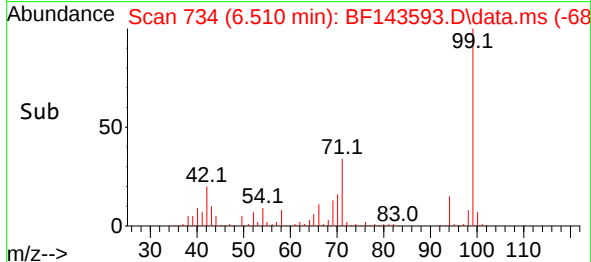
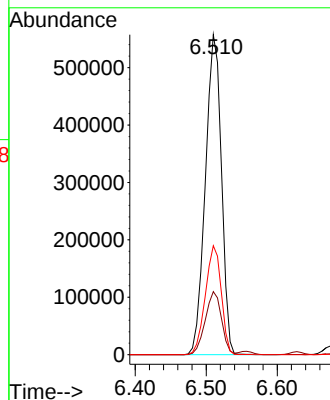
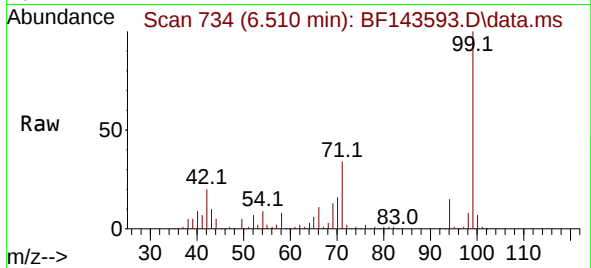




#7
Phenol-d6
Concen: 76.394 ng
RT: 6.510 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

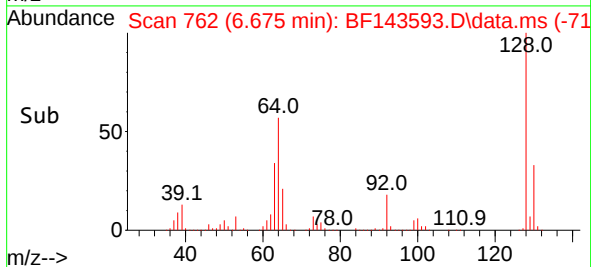
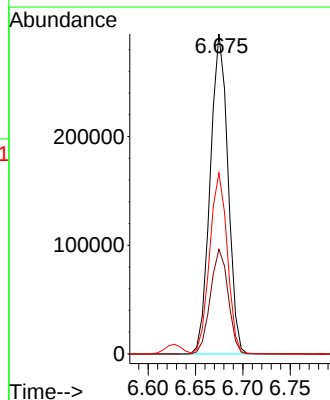
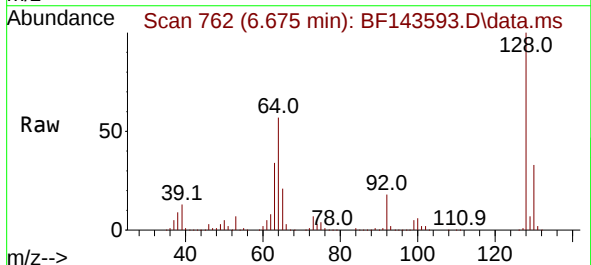
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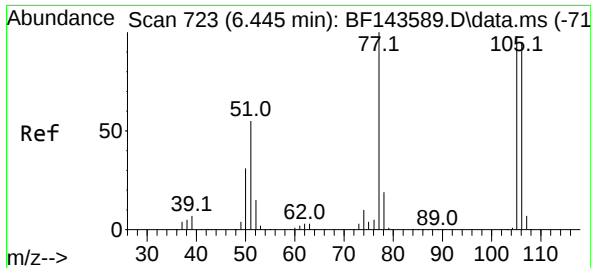
Tgt Ion: 99 Resp: 876773
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 34.1 27.2 40.8



#8
2-Chlorophenol
Concen: 39.156 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:128 Resp: 383878
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 56.5 38.4 78.4

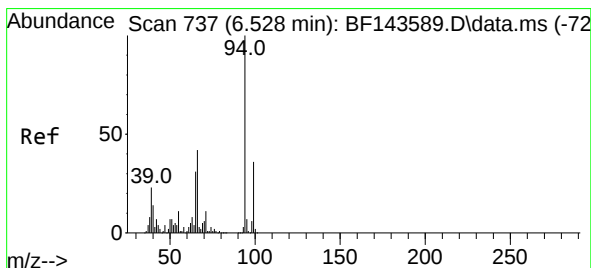
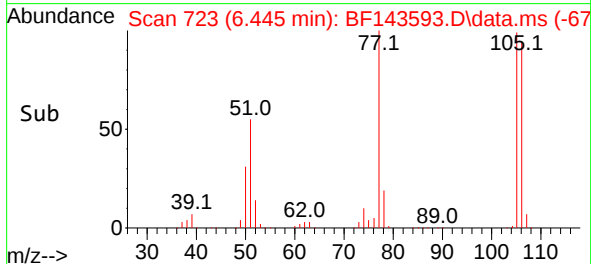
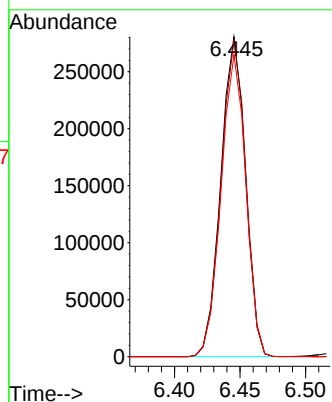
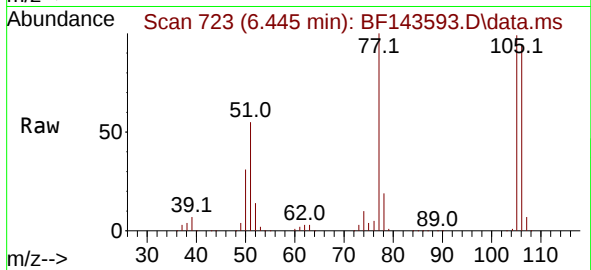




#9
Benzaldehyde
Concen: 42.545 ng
RT: 6.445 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

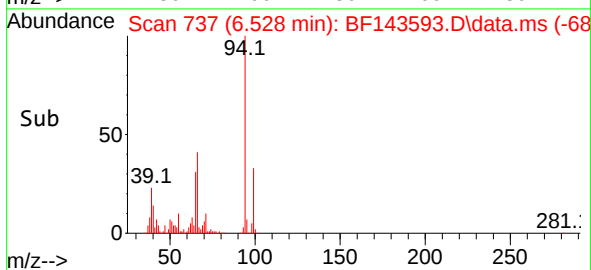
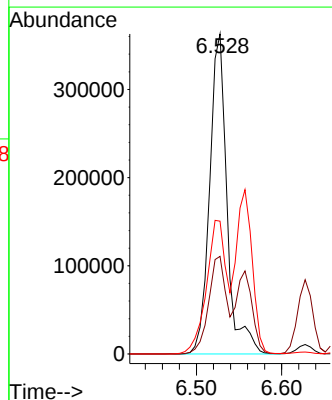
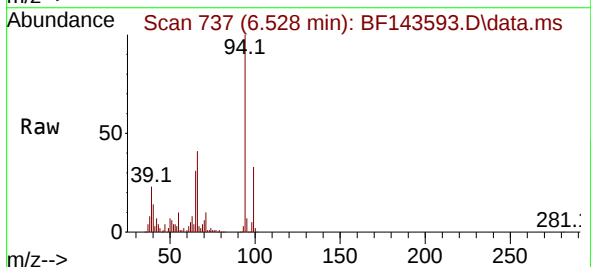
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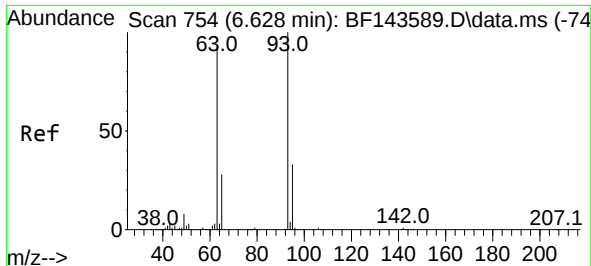
Tgt Ion: 77 Resp: 367411
Ion Ratio Lower Upper
77 100
105 98.8 77.9 117.9
106 94.3 74.9 114.9



#10
Phenol
Concen: 40.181 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion: 94 Resp: 517216
Ion Ratio Lower Upper
94 100
65 30.5 11.0 51.0
66 41.5 22.1 62.1





#11

bis(2-Chloroethyl)ether

Concen: 37.848 ng

RT: 6.628 min Scan# 754

Delta R.T. -0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

Instrument :

BNA_F

ClientSampleId :

ICVBF082625

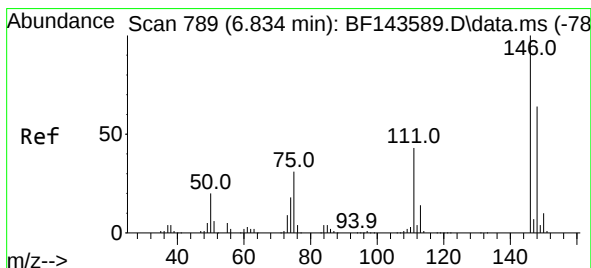
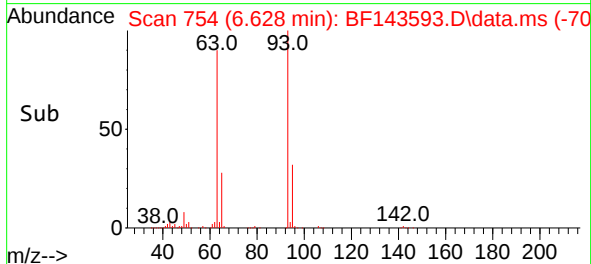
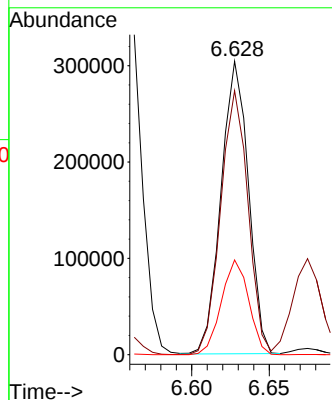
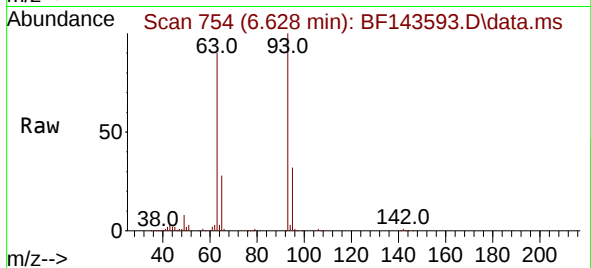
Tgt Ion: 93 Resp: 373323

Ion Ratio Lower Upper

93 100

63 90.0 72.1 112.1

95 32.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 37.867 ng

RT: 6.833 min Scan# 789

Delta R.T. -0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

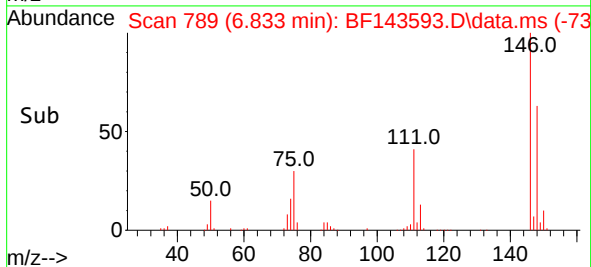
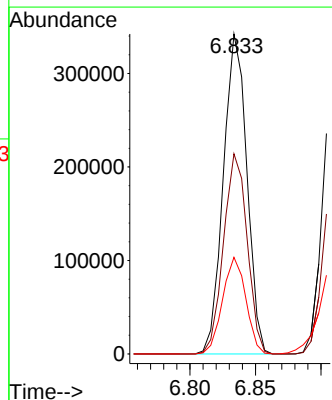
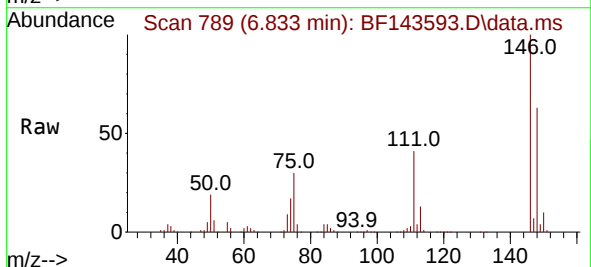
Tgt Ion:146 Resp: 426428

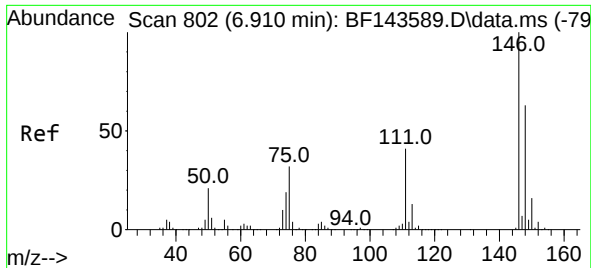
Ion Ratio Lower Upper

146 100

148 62.5 51.1 76.7

75 30.2 25.2 37.8

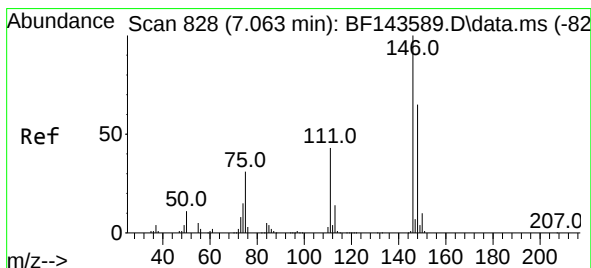
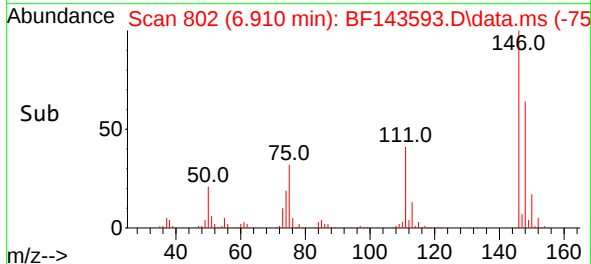
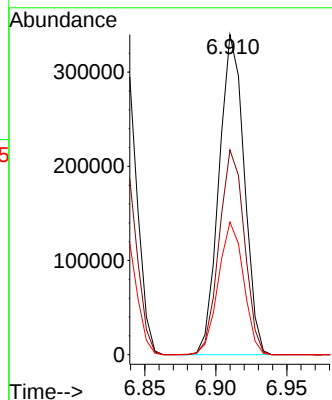
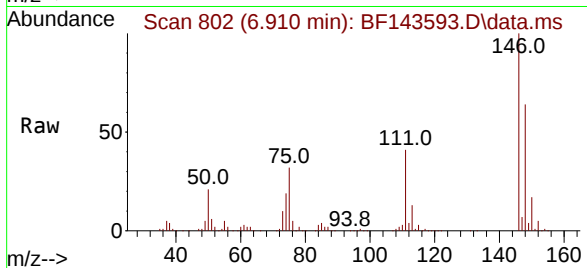




#13
1,4-Dichlorobenzene
Concen: 36.881 ng
RT: 6.910 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

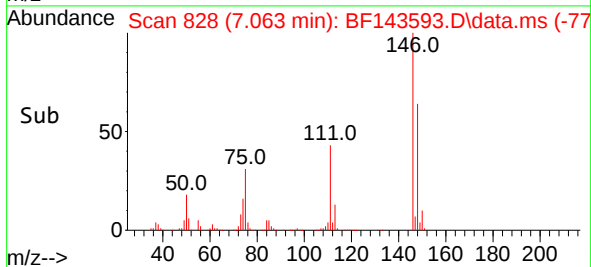
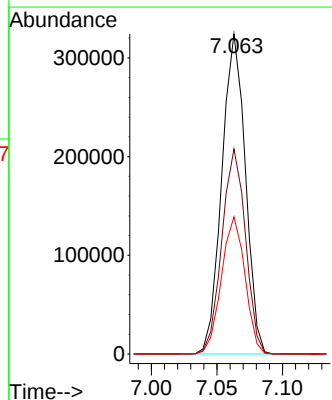
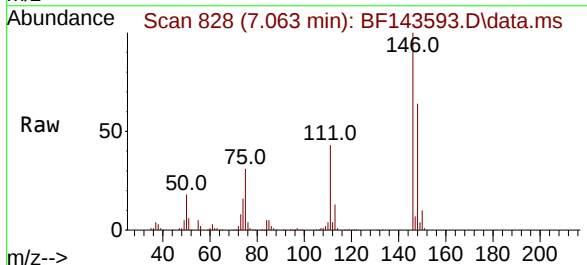
Instrument :
BNA_F
ClientSampleId :
ICVBF082625

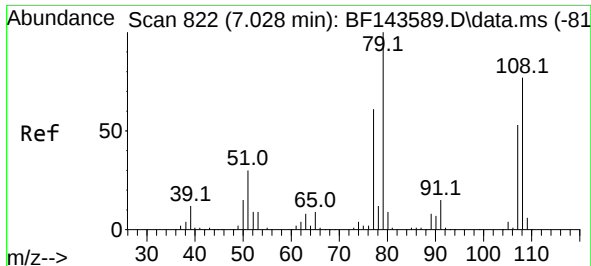
Tgt Ion:146 Resp: 418786
Ion Ratio Lower Upper
146 100
148 64.0 50.6 75.8
111 41.5 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 37.588 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:146 Resp: 404850
Ion Ratio Lower Upper
146 100
148 64.1 51.7 77.5
111 42.8 34.7 52.1



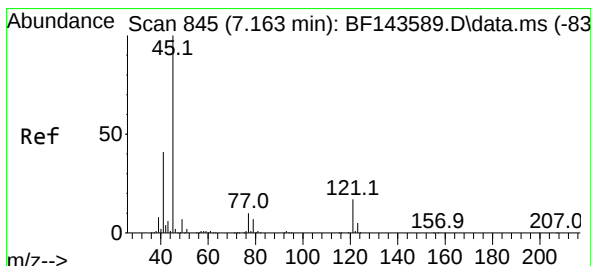
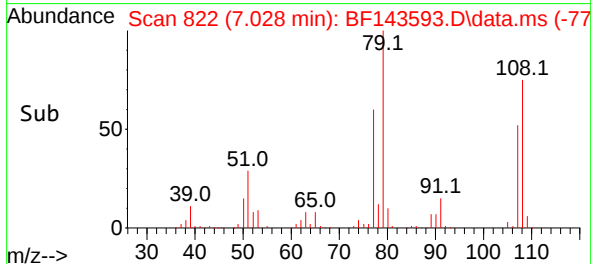
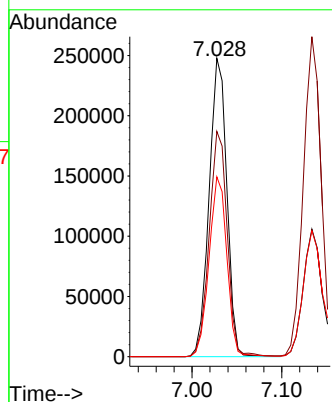
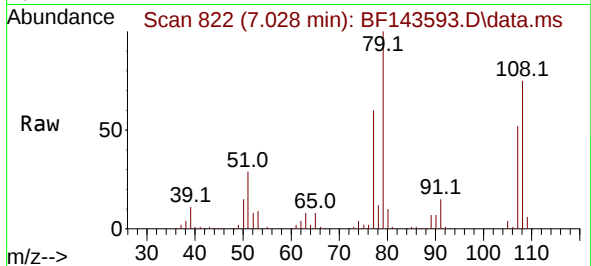


#15
Benzyl Alcohol
Concen: 39.558 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Tgt Ion: 79 Resp: 340258

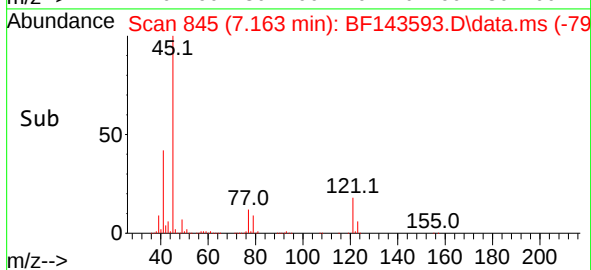
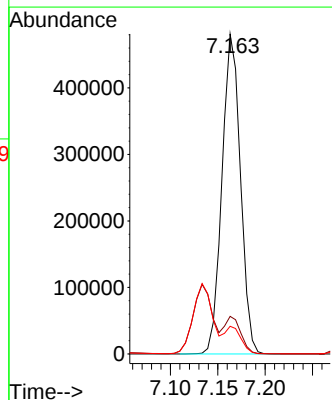
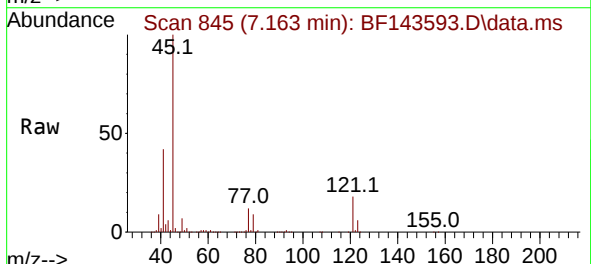
Ion	Ratio	Lower	Upper
79	100		
108	75.5	61.3	91.9
77	60.3	48.7	73.1

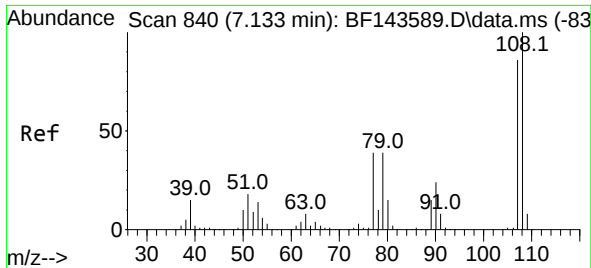


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.785 ng
RT: 7.163 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion: 45 Resp: 651543

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	31.1
79	8.6	0.0	28.1



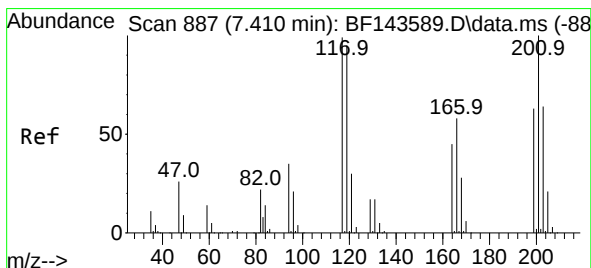
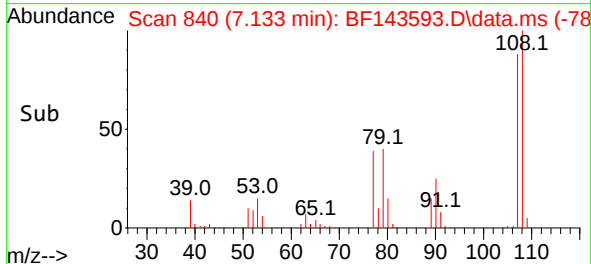
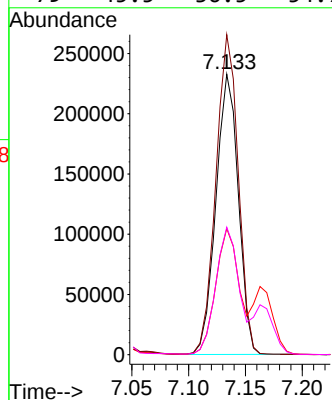
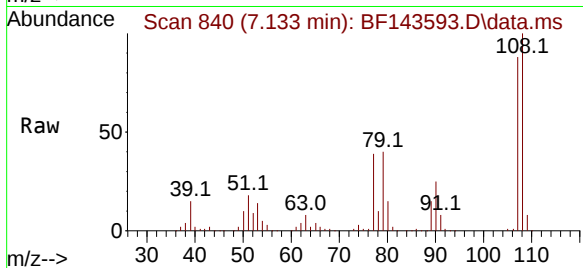


#17
2-Methylphenol
Concen: 38.406 ng
RT: 7.133 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Tgt Ion:107 Resp: 319640

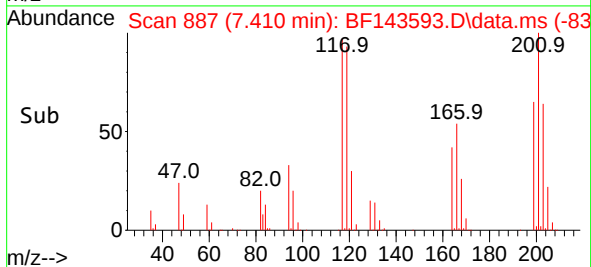
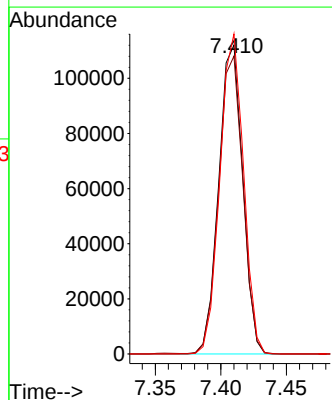
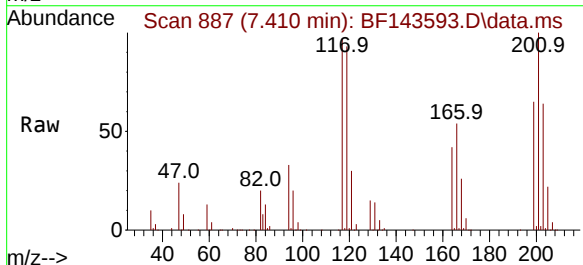
Ion	Ratio	Lower	Upper
107	100		
108	114.1	92.6	138.8
77	45.0	36.3	54.5
79	45.5	36.5	54.7

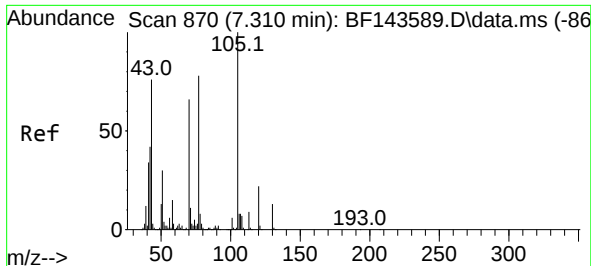


#18
Hexachloroethane
Concen: 39.621 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:117 Resp: 142953

Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.6	115.0
201	103.6	81.0	121.4



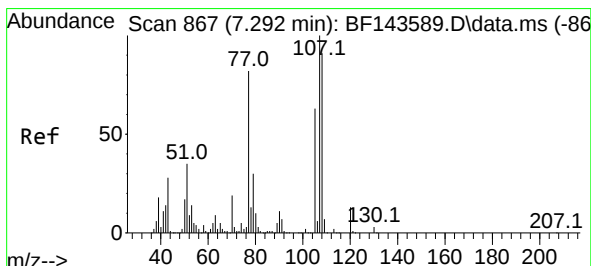
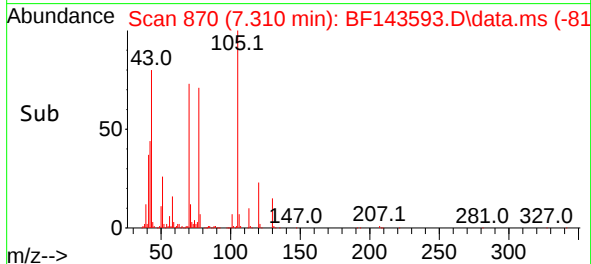
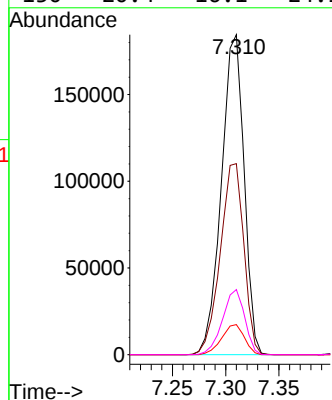
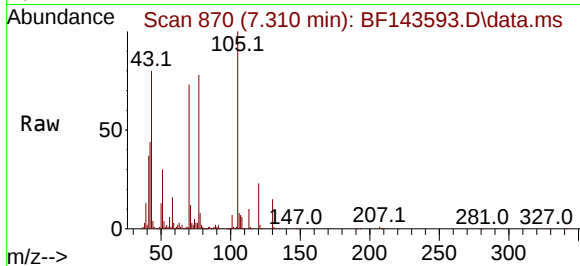


#19
n-Nitroso-di-n-propylamine
Concen: 37.543 ng
RT: 7.310 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Tgt Ion: 70 Resp: 272967

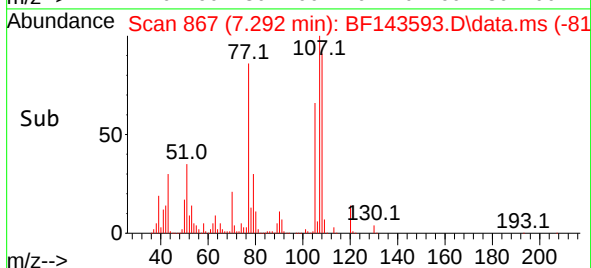
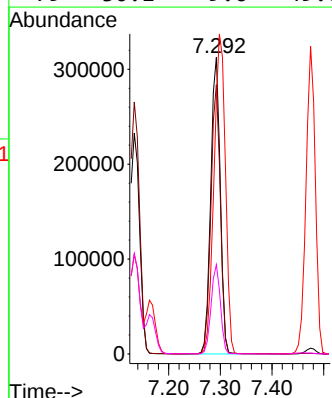
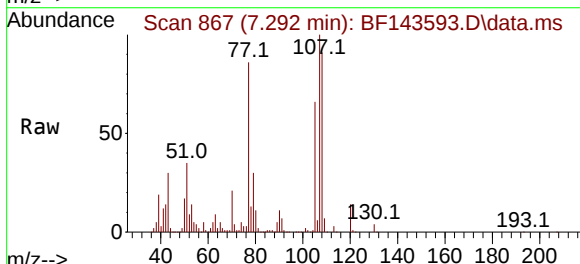
Ion	Ratio	Lower	Upper
70	100		
42	59.7	50.6	75.8
101	9.4	7.5	11.3
130	20.4	16.1	24.1

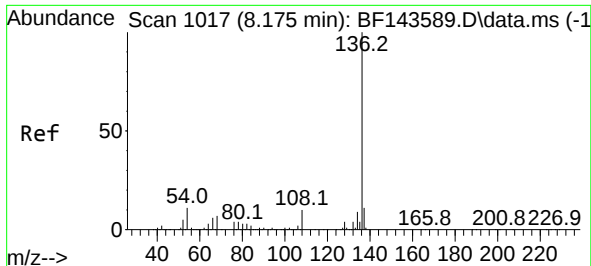


#20
3+4-Methylphenols
Concen: 39.240 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion: 107 Resp: 401106

Ion	Ratio	Lower	Upper
107	100		
108	90.8	71.1	111.1
77	85.6	62.5	102.5
79	30.1	9.6	49.6



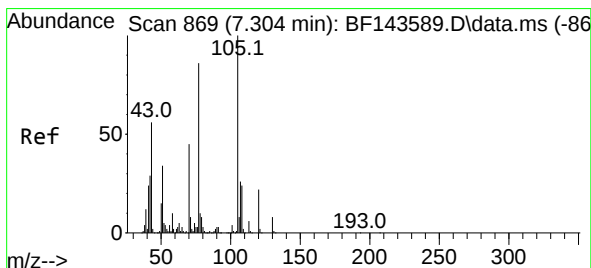
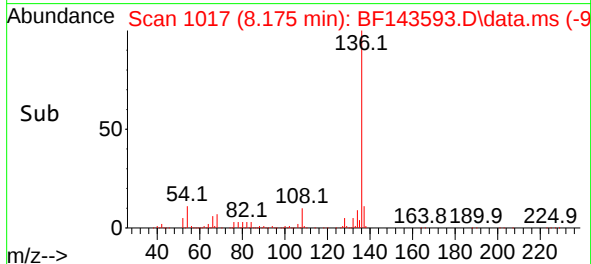
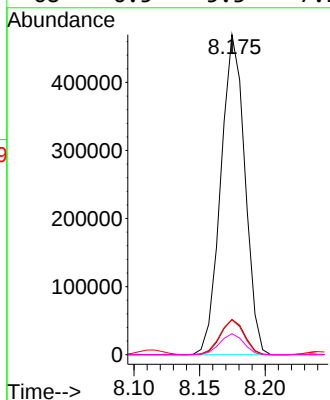
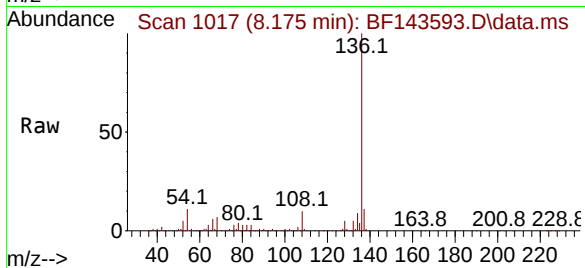


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Tgt Ion:136 Resp: 601114

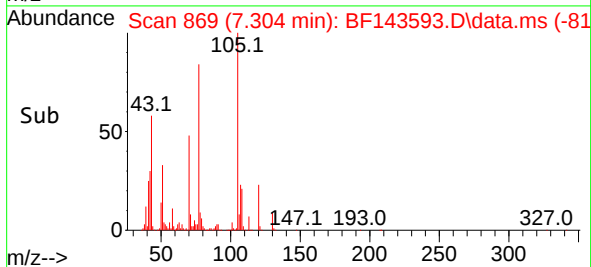
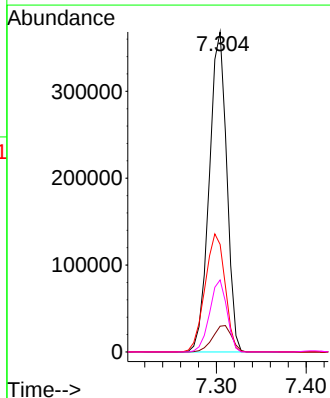
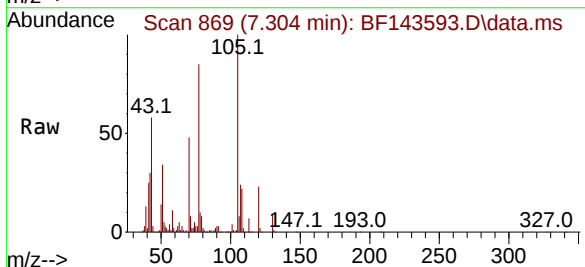
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	11.0	9.0	13.6
68	6.5	5.3	7.9

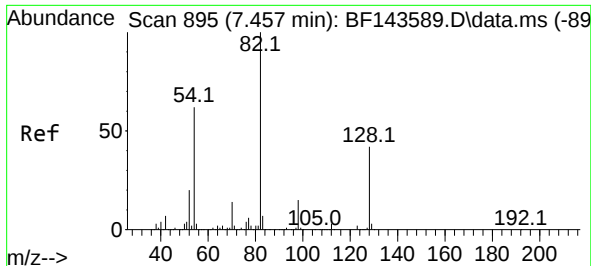


#22
Acetophenone
Concen: 36.725 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:105 Resp: 497165

Ion	Ratio	Lower	Upper
105	100		
71	8.1	6.0	9.0
51	33.6	27.0	40.6
120	22.5	17.8	26.6





#23

Nitrobenzene-d5

Concen: 90.545 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

Instrument :

BNA_F

ClientSampleId :

ICVBF082625

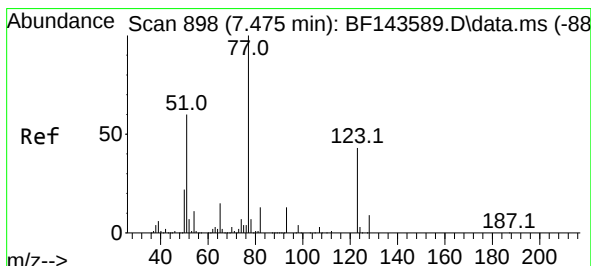
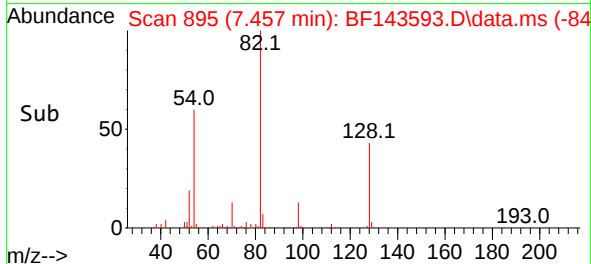
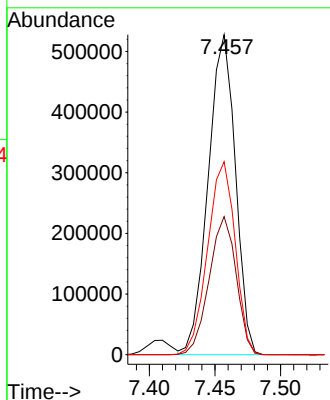
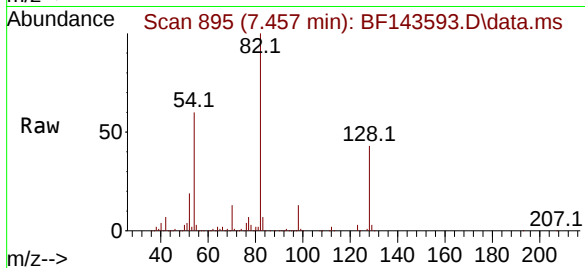
Tgt Ion: 82 Resp: 762282

Ion Ratio Lower Upper

82 100

128 43.2 33.4 50.2

54 60.3 49.3 73.9



#24

Nitrobenzene

Concen: 45.083 ng

RT: 7.475 min Scan# 898

Delta R.T. -0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

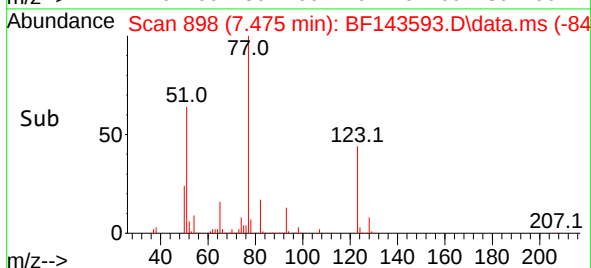
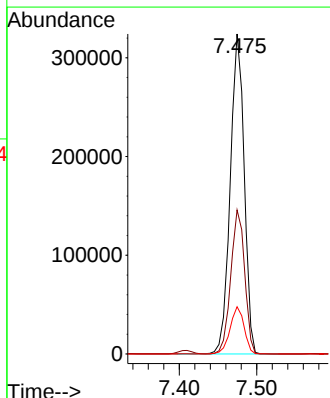
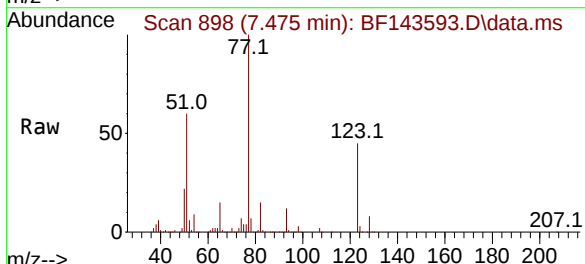
Tgt Ion: 77 Resp: 406914

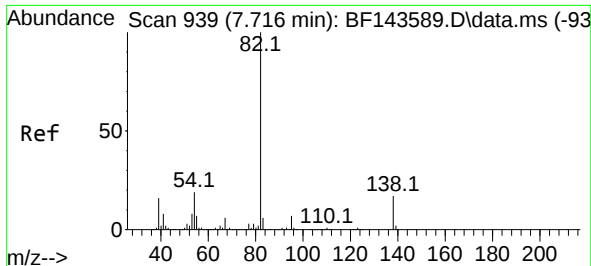
Ion Ratio Lower Upper

77 100

123 45.0 34.9 52.3

65 14.8 12.0 18.0

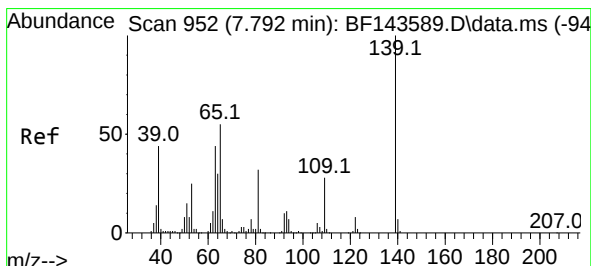
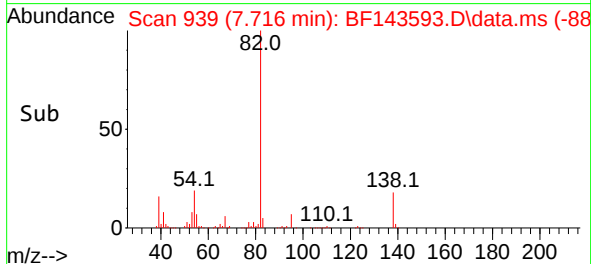
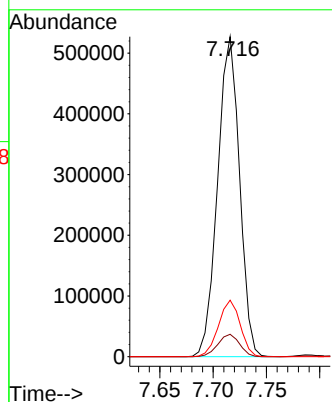
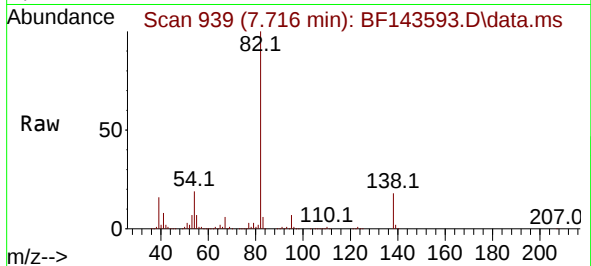




#25
Isophorone
Concen: 38.216 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

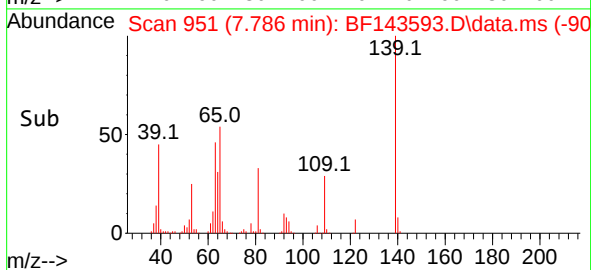
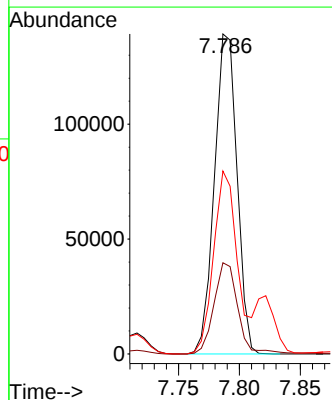
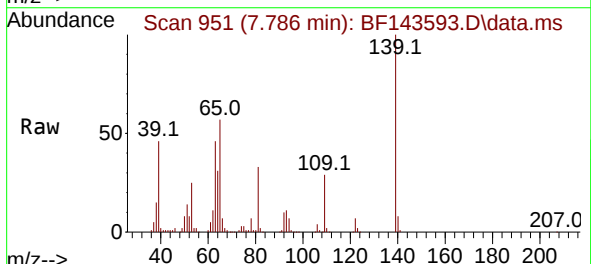
Instrument :
BNA_F
ClientSampleId :
ICVBF082625

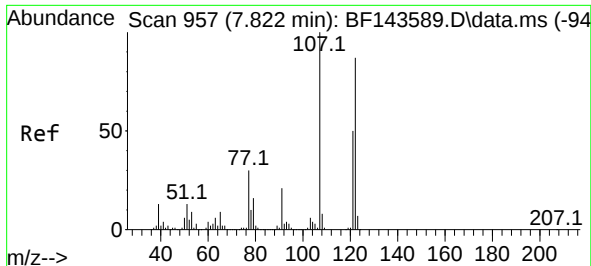
Tgt Ion: 82 Resp: 752913
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.6 13.8 20.8



#26
2-Nitrophenol
Concen: 48.492 ng
RT: 7.786 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:139 Resp: 179721
Ion Ratio Lower Upper
139 100
109 28.5 22.3 33.5
65 57.2 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 38.915 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

Instrument :

BNA_F

ClientSampleId :

ICVBF082625

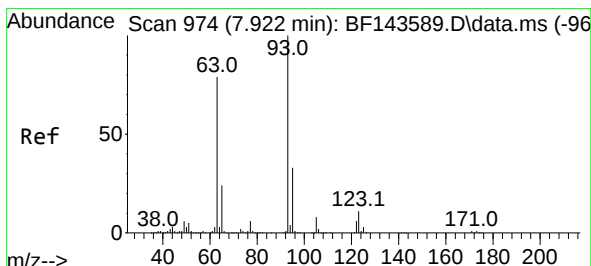
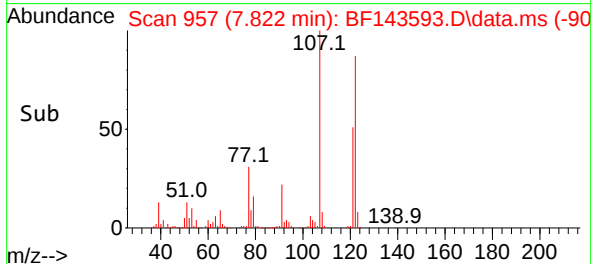
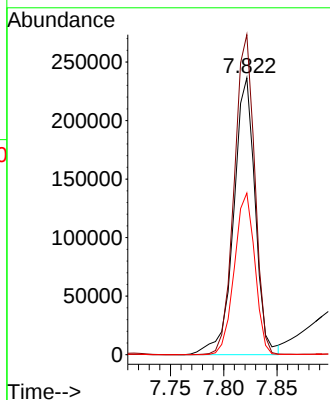
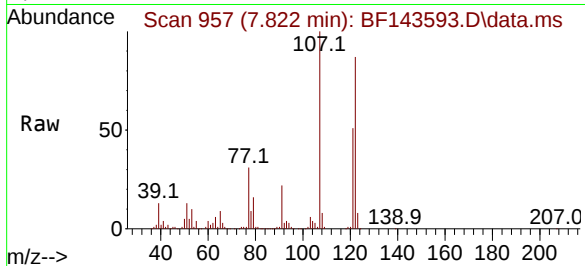
Tgt Ion:122 Resp: 333584

Ion Ratio Lower Upper

122 100

107 115.6 92.1 138.1

121 58.4 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 37.415 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

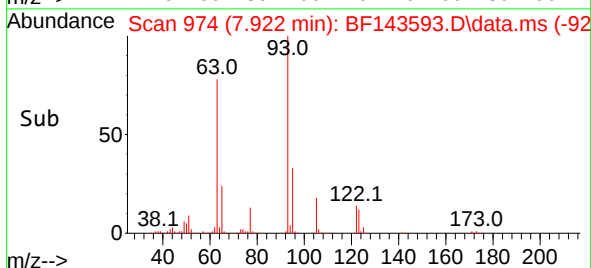
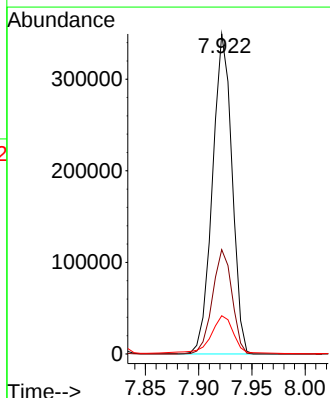
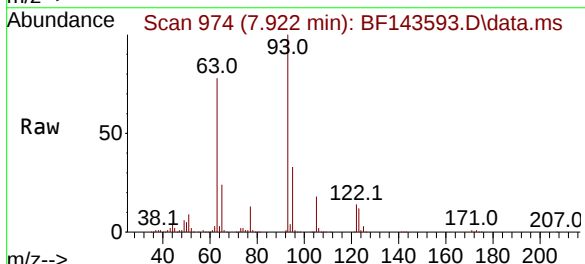
Tgt Ion: 93 Resp: 445985

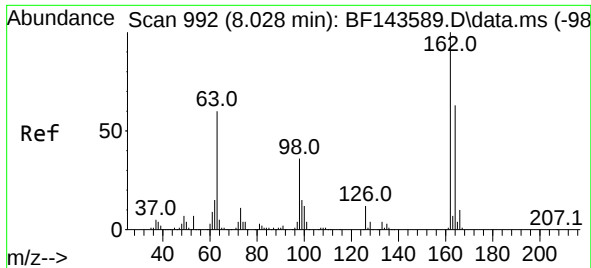
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 12.0 9.3 13.9

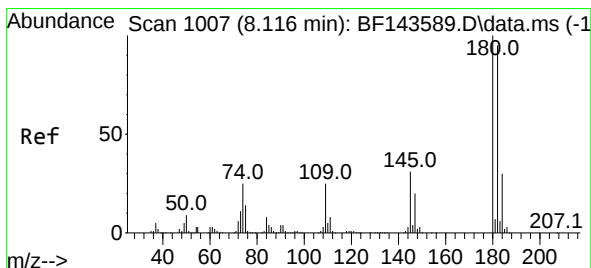
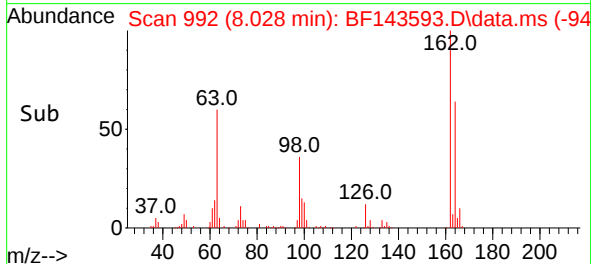
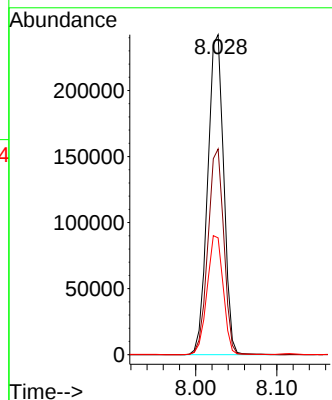
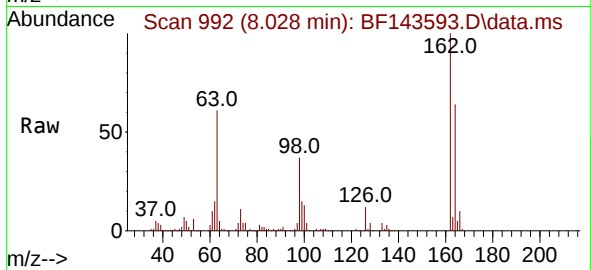




#29
2,4-Dichlorophenol
Concen: 40.096 ng
RT: 8.028 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

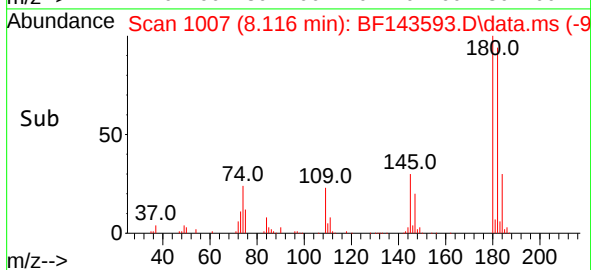
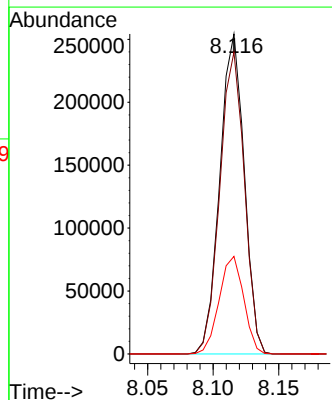
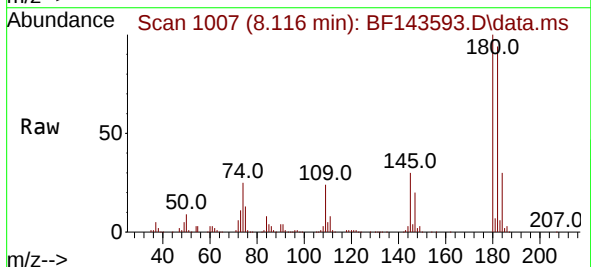
Instrument :
BNA_F
ClientSampleId :
ICVBF082625

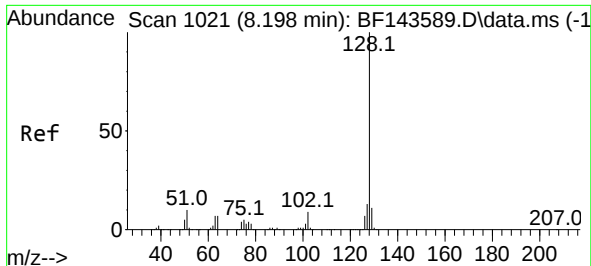
Tgt Ion:162 Resp: 331155
Ion Ratio Lower Upper
162 100
164 64.3 43.3 83.3
98 36.5 16.1 56.1



#30
1,2,4-Trichlorobenzene
Concen: 38.104 ng
RT: 8.116 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:180 Resp: 328582
Ion Ratio Lower Upper
180 100
182 94.3 75.8 113.6
145 30.5 24.5 36.7

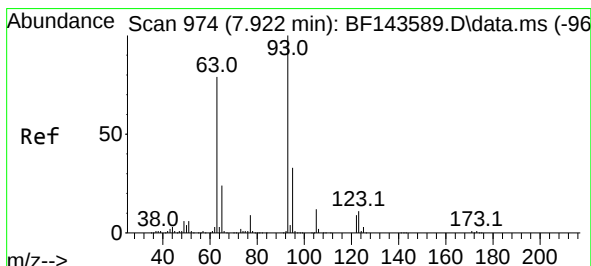
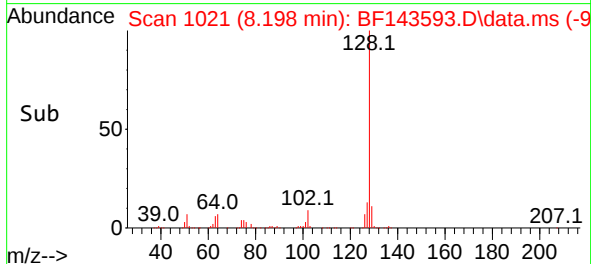
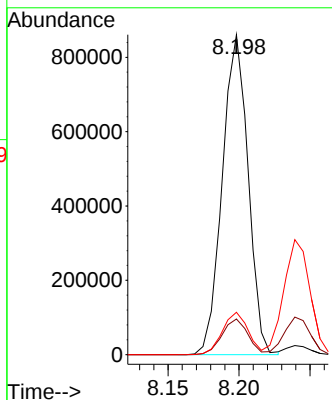
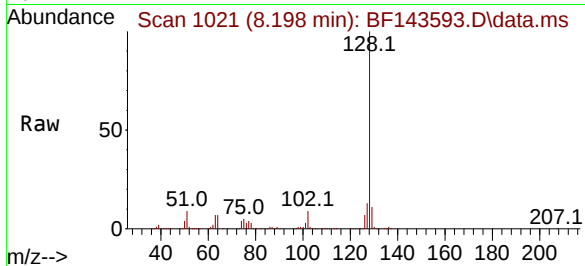




#31
Naphthalene
Concen: 37.406 ng
RT: 8.198 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

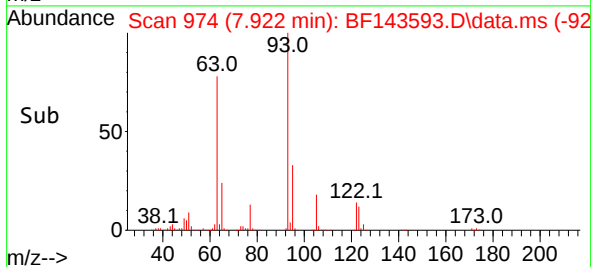
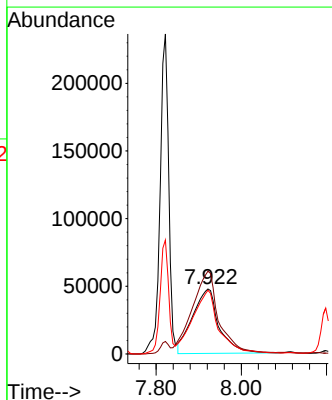
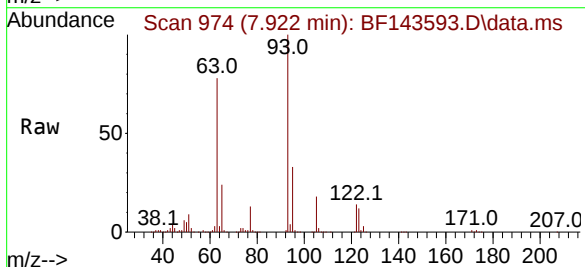
Instrument :
BNA_F
ClientSampleId :
ICVBF082625

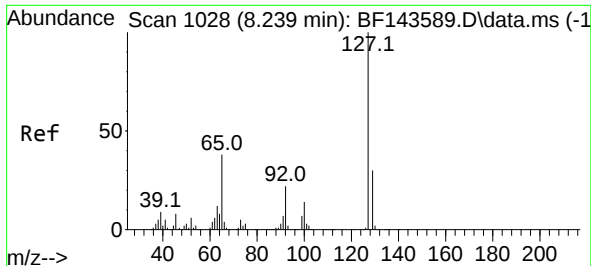
Tgt Ion:128 Resp: 1086358
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 47.270 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:122 Resp: 206022
Ion Ratio Lower Upper
122 100
105 127.2 106.4 146.4
77 97.9 79.3 119.3

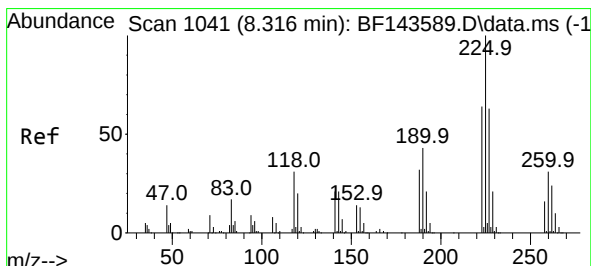
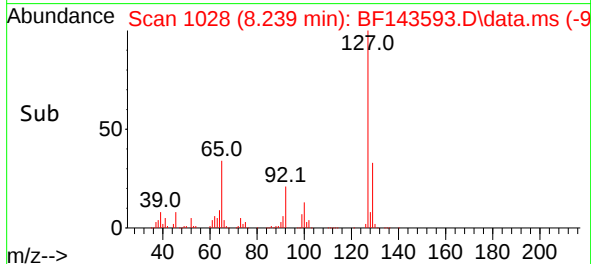
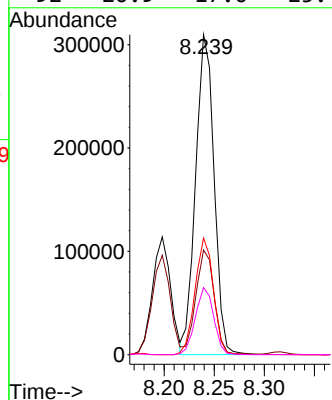
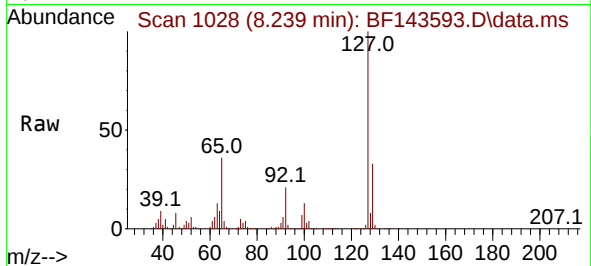




#33
4-Chloroaniline
Concen: 38.775 ng
RT: 8.239 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

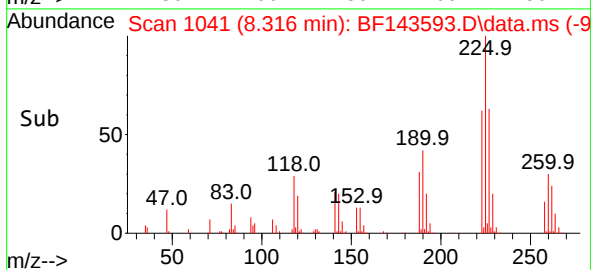
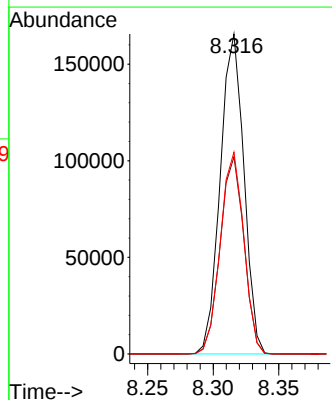
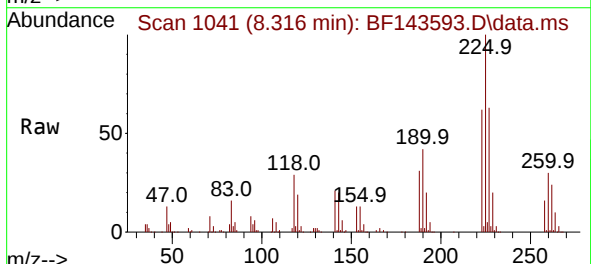
Instrument :
BNA_F
ClientSampleId :
ICVBF082625

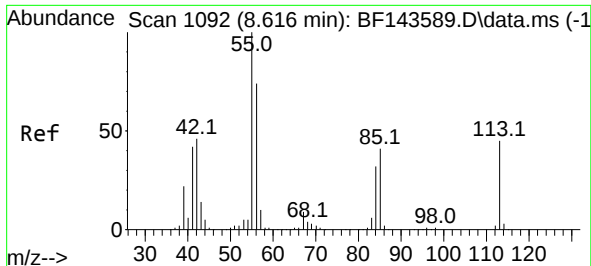
Tgt Ion:	127	Resp:	397839
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.6
65	36.4	29.7	44.5
92	20.9	17.0	25.4



#34
Hexachlorobutadiene
Concen: 38.188 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:	225	Resp:	207506
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.8	76.2
227	63.1	50.6	76.0

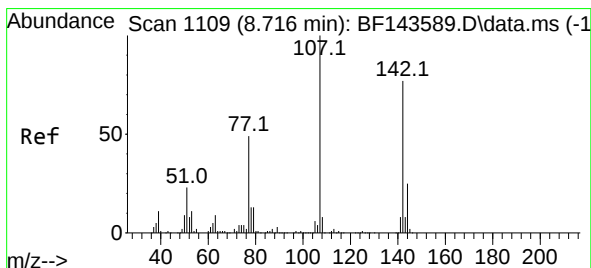
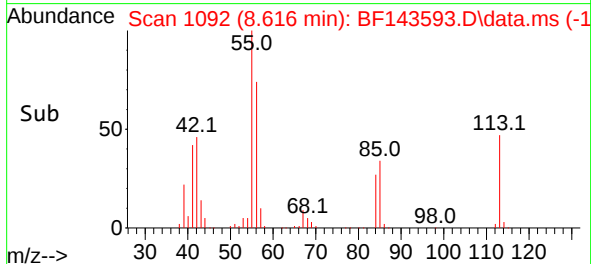
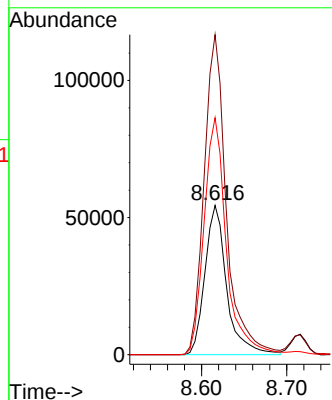
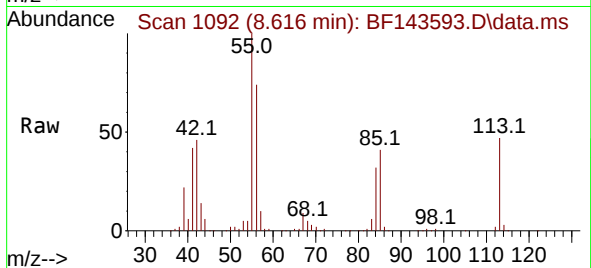




#35
 Caprolactam
 Concen: 41.278 ng
 RT: 8.616 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF143593.D
 Acq: 26 Aug 2025 15:40

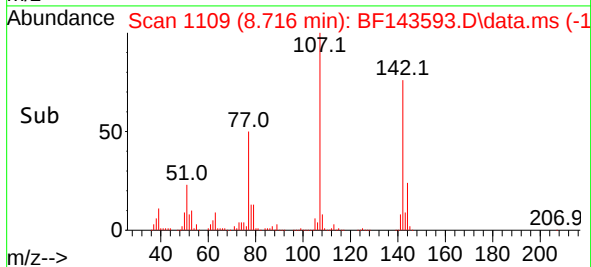
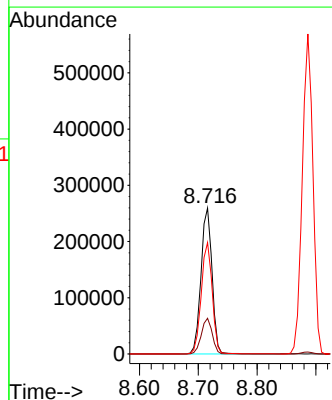
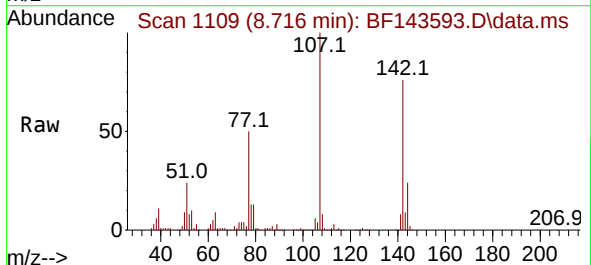
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082625

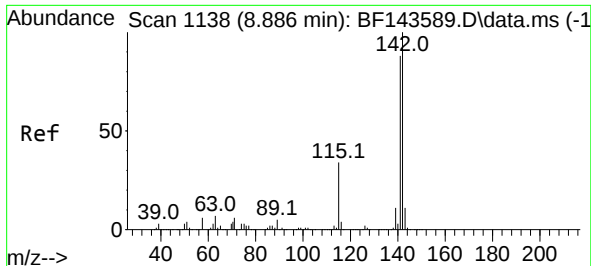
Tgt Ion:113 Resp: 96855
 Ion Ratio Lower Upper
 113 100
 55 214.3 202.1 242.1
 56 158.7 145.4 185.4



#36
 4-Chloro-3-methylphenol
 Concen: 39.260 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF143593.D
 Acq: 26 Aug 2025 15:40

Tgt Ion:107 Resp: 338996
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.8 29.6
 142 76.4 61.7 92.5

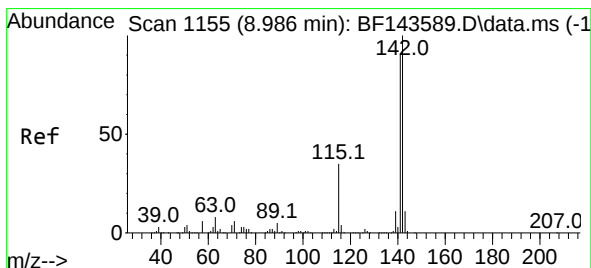
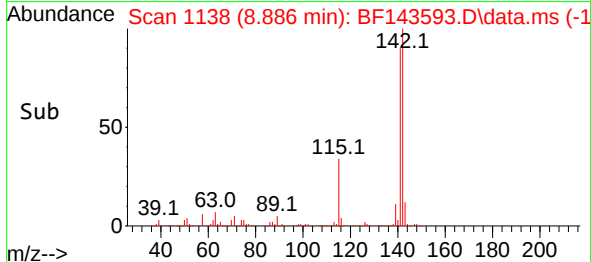
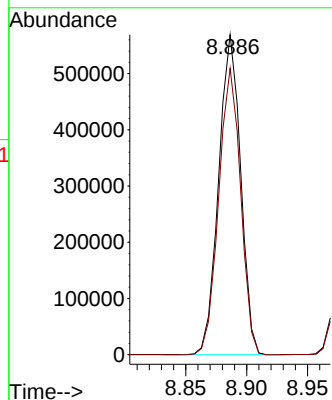
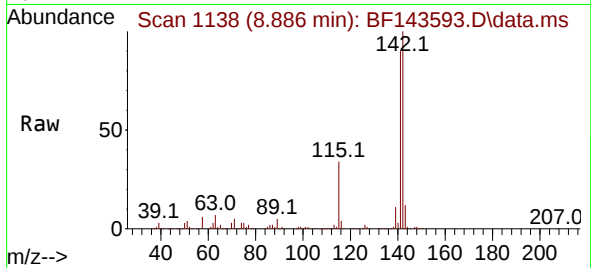




#37
2-Methylnaphthalene
Concen: 37.231 ng
RT: 8.886 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

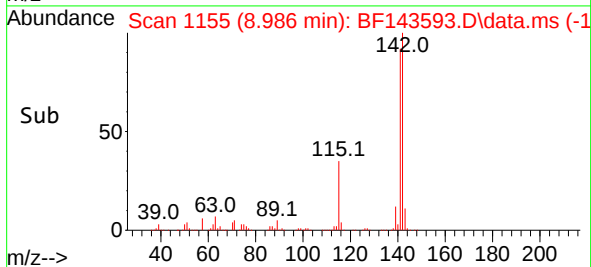
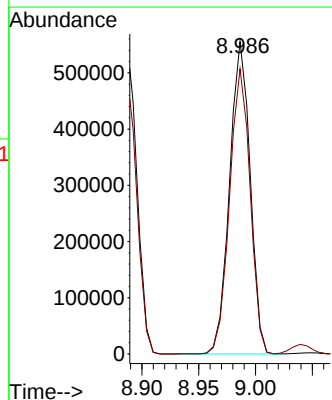
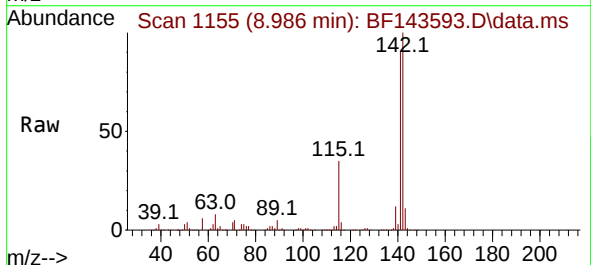
Instrument :
BNA_F
ClientSampleId :
ICVBF082625

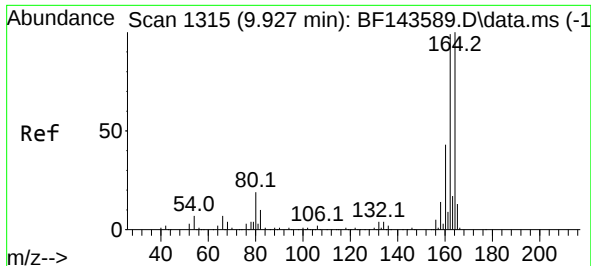
Tgt Ion:142 Resp: 714074
Ion Ratio Lower Upper
142 100
141 89.5 70.2 105.4



#38
1-Methylnaphthalene
Concen: 37.750 ng
RT: 8.986 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:142 Resp: 698764
Ion Ratio Lower Upper
142 100
141 91.3 72.6 109.0

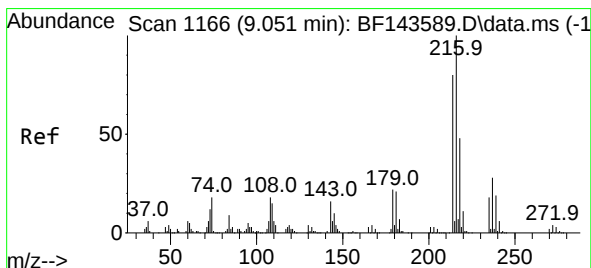
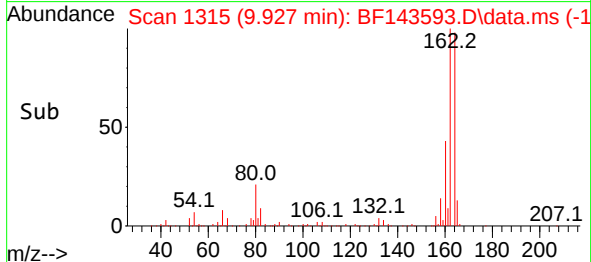
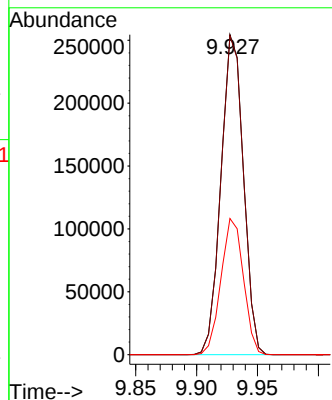
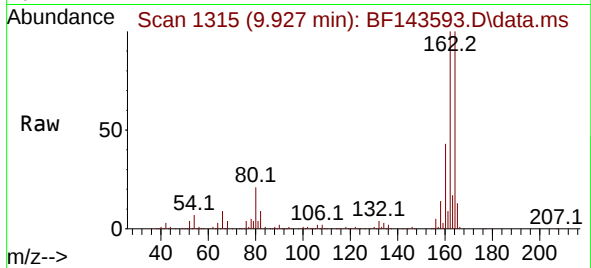




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

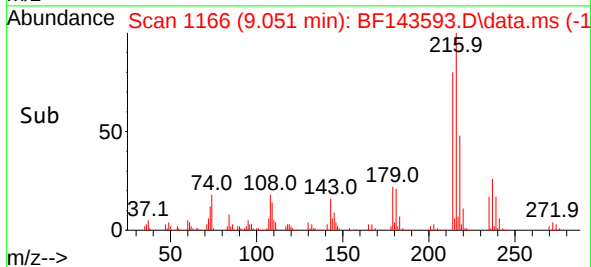
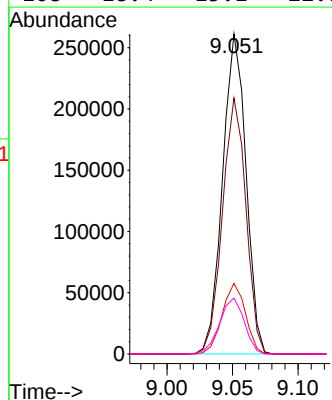
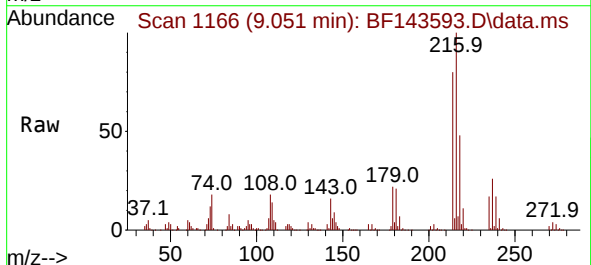
Instrument :
BNA_F
ClientSampleId :
ICVBF082625

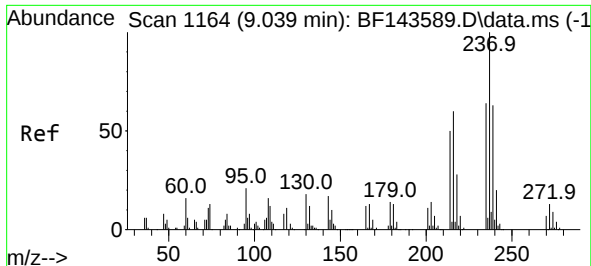
Tgt Ion:164 Resp: 327150
Ion Ratio Lower Upper
164 100
162 99.7 79.5 119.3
160 42.5 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.097 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:216 Resp: 324187
Ion Ratio Lower Upper
216 100
214 80.1 64.1 96.1
179 21.9 17.4 26.0
108 18.4 15.1 22.7

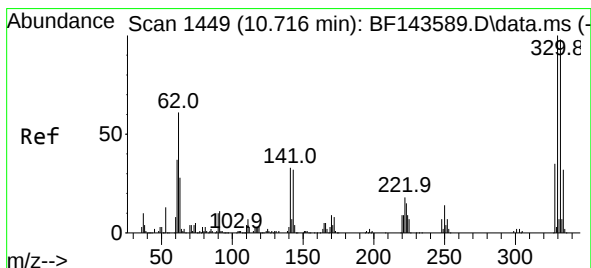
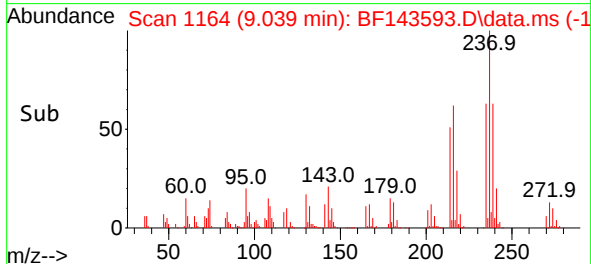
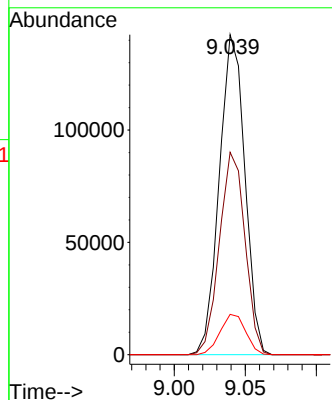
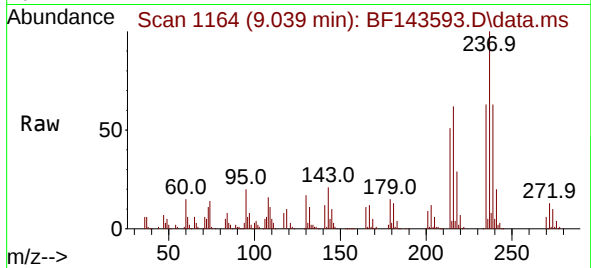




#41
Hexachlorocyclopentadiene
Concen: 42.585 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

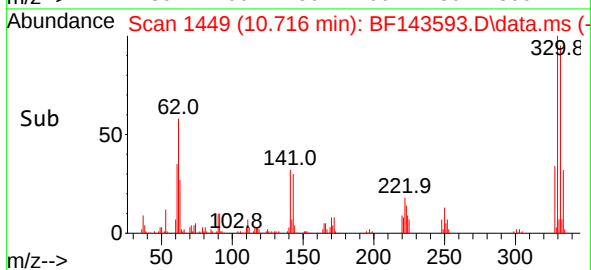
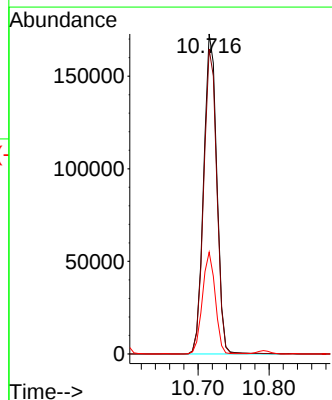
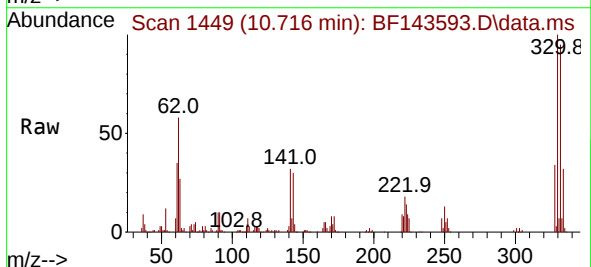
Instrument :
BNA_F
ClientSampleId :
ICVBF082625

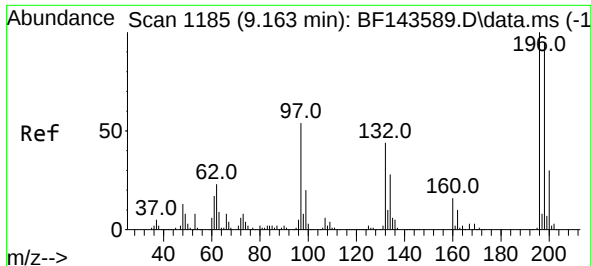
Tgt Ion:237 Resp: 178267
Ion Ratio Lower Upper
237 100
235 63.3 43.8 83.8
272 12.6 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 86.937 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:330 Resp: 222418
Ion Ratio Lower Upper
330 100
332 95.3 78.2 117.4
141 31.2 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 40.213 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

Instrument :

BNA_F

ClientSampleId :

ICVBF082625

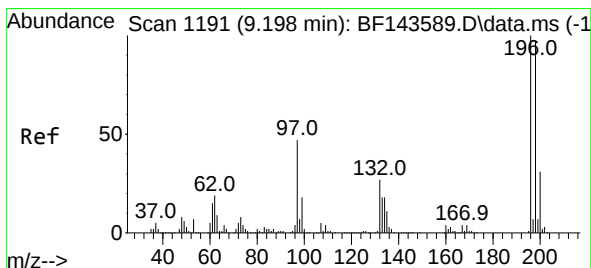
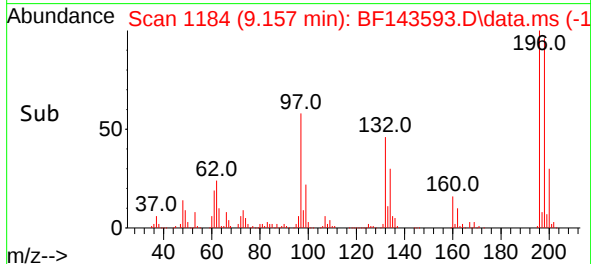
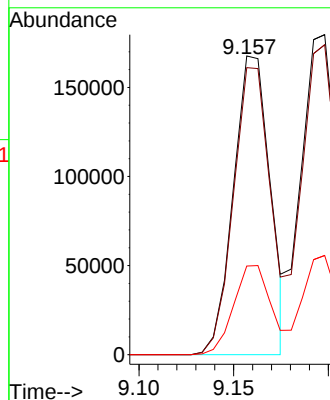
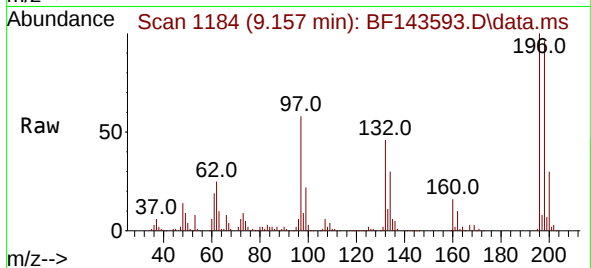
Tgt Ion:196 Resp: 226115

Ion Ratio Lower Upper

196 100

198 96.1 75.8 113.6

200 29.7 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 42.338 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

Tgt Ion:196 Resp: 240561

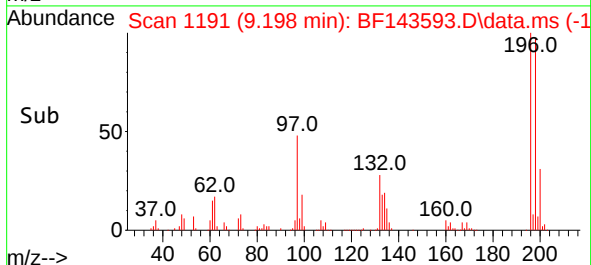
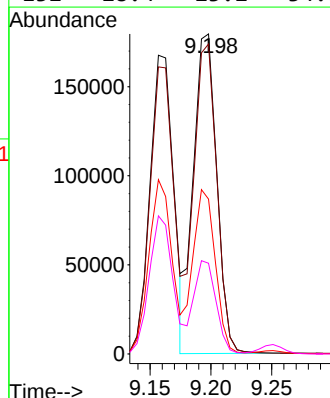
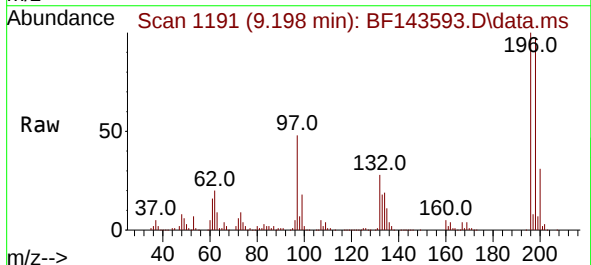
Ion Ratio Lower Upper

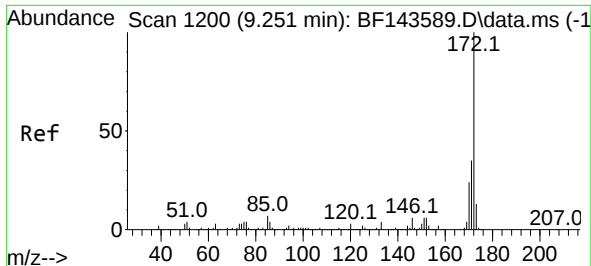
196 100

198 96.9 77.0 115.6

97 48.4 39.3 58.9

132 28.4 23.2 34.8

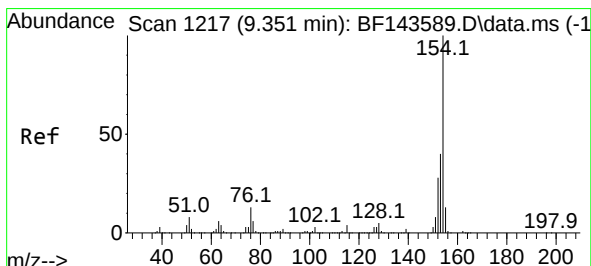
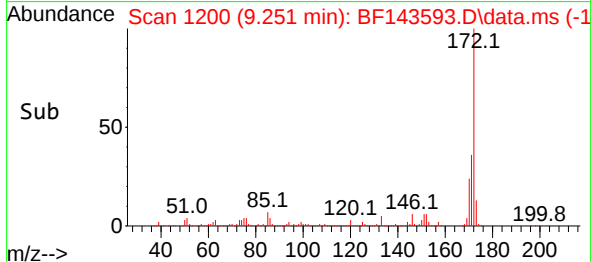
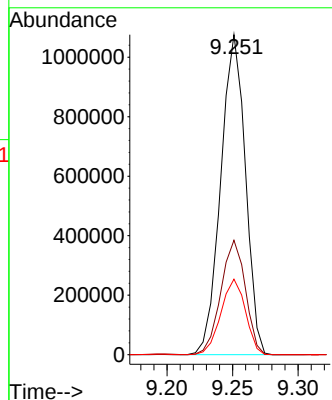
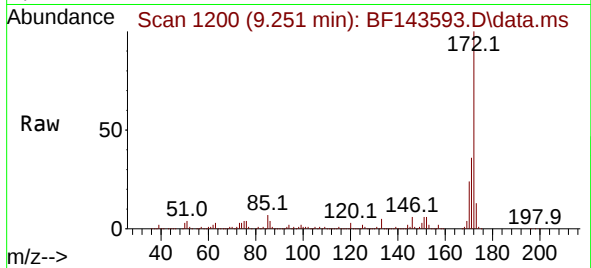




#45
2-Fluorobiphenyl
Concen: 73.456 ng
RT: 9.251 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

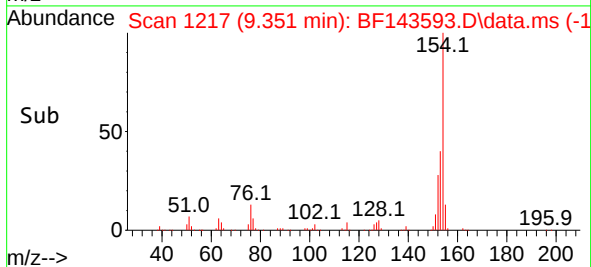
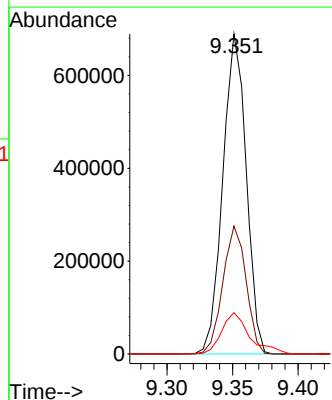
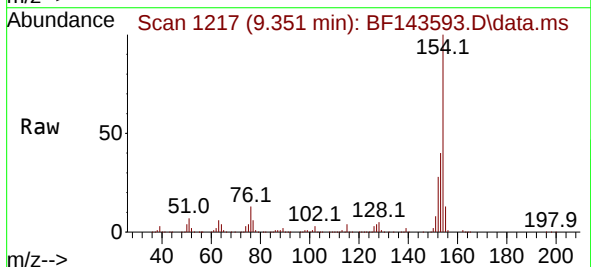
Instrument :
BNA_F
ClientSampleId :
ICVBF082625

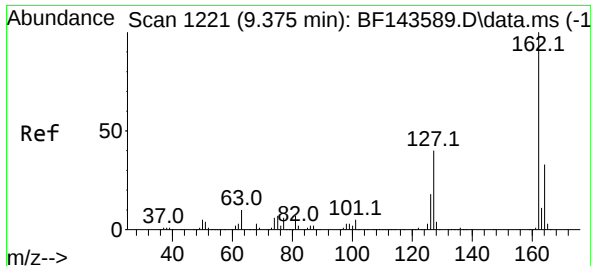
Tgt Ion:172 Resp: 1405536
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 37.586 ng
RT: 9.351 min Scan# 1217
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:154 Resp: 853194
Ion Ratio Lower Upper
154 100
153 39.9 20.1 60.1
76 12.9 0.0 33.0





#47

2-Chloronaphthalene

Concen: 37.924 ng

RT: 9.375 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

Instrument :

BNA_F

ClientSampleId :

ICVBF082625

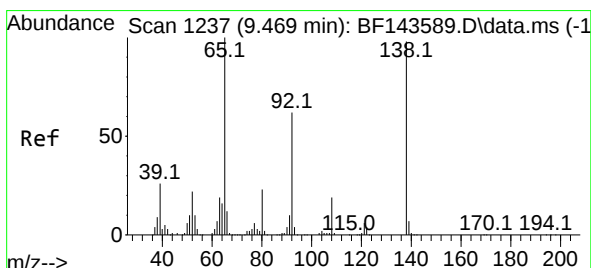
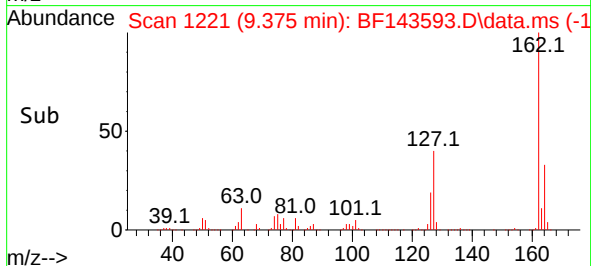
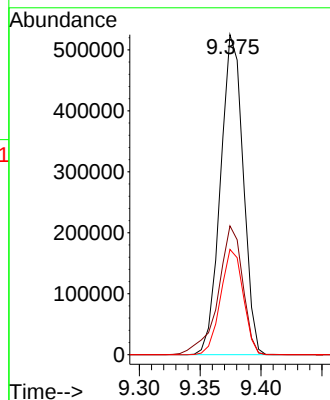
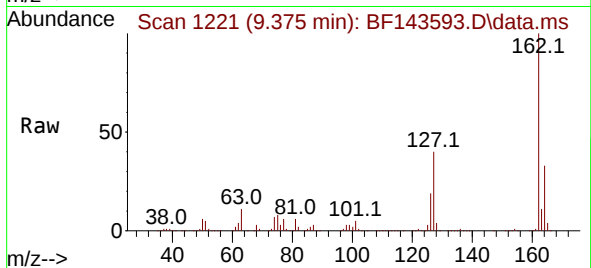
Tgt Ion:162 Resp: 680043

Ion Ratio Lower Upper

162 100

127 40.2 32.6 48.8

164 32.9 26.1 39.1



#48

2-Nitroaniline

Concen: 43.371 ng

RT: 9.469 min Scan# 1237

Delta R.T. -0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

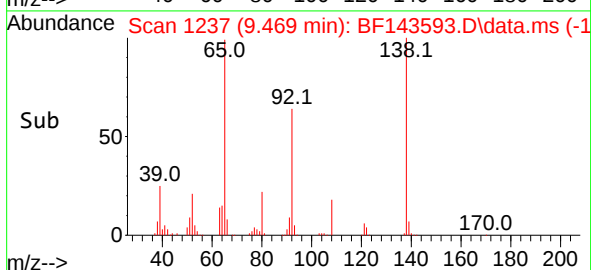
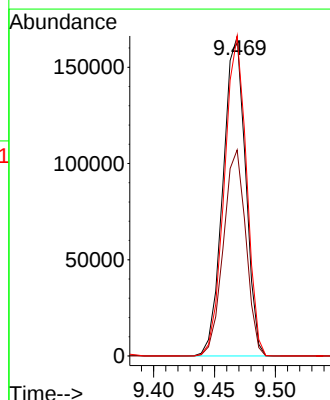
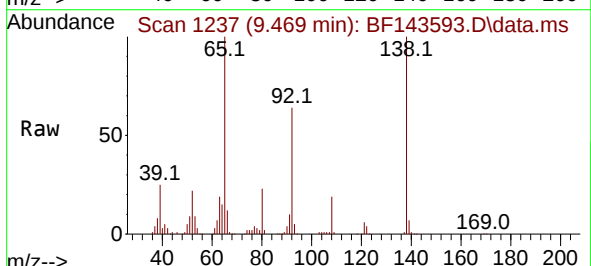
Tgt Ion: 65 Resp: 213739

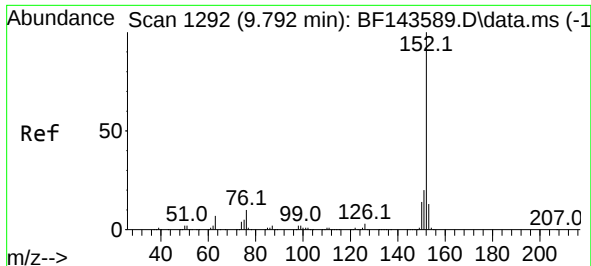
Ion Ratio Lower Upper

65 100

92 64.6 49.6 74.4

138 100.3 78.6 118.0





#49

Acenaphthylene

Concen: 37.621 ng

RT: 9.792 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

Instrument :

BNA_F

ClientSampleId :

ICVBF082625

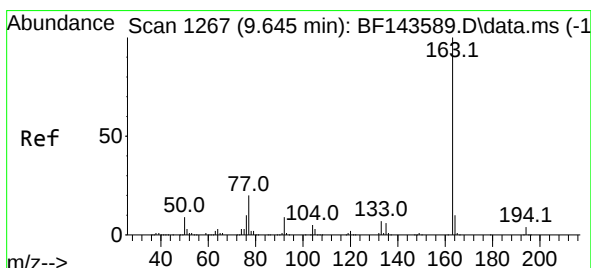
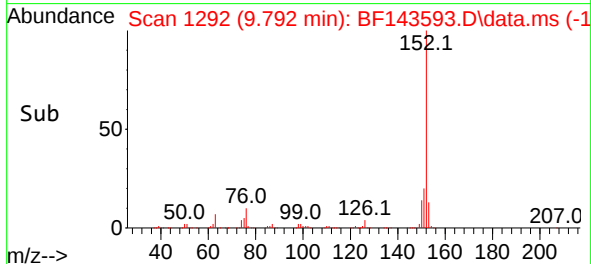
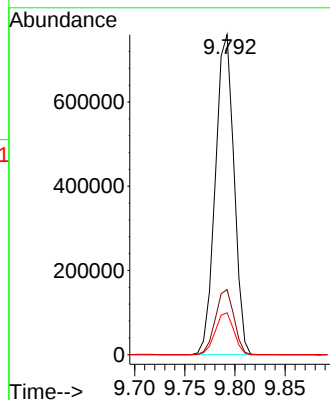
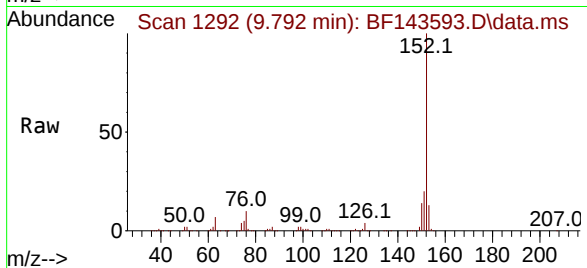
Tgt Ion:152 Resp: 981552

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 38.260 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

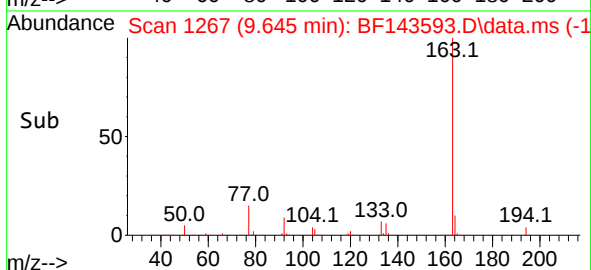
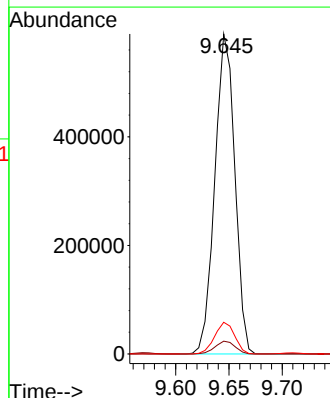
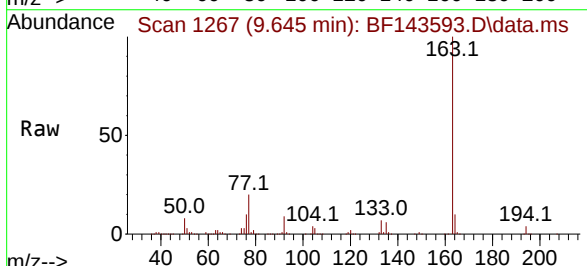
Tgt Ion:163 Resp: 769901

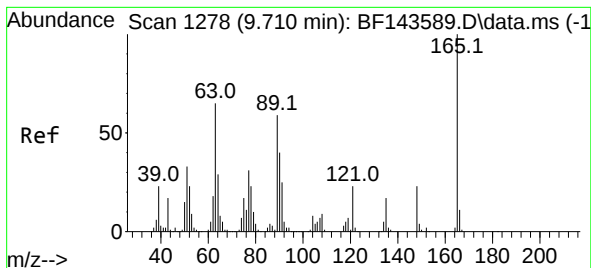
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 9.9 8.4 12.6

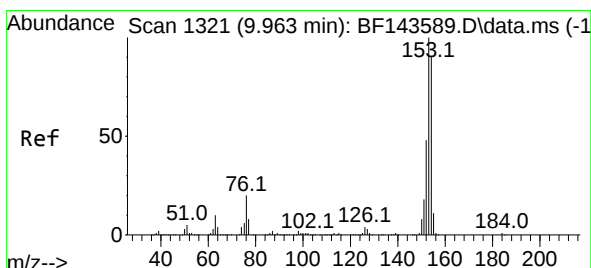
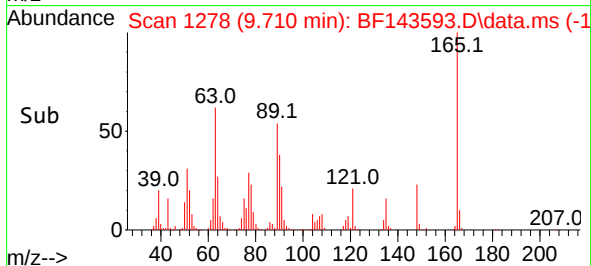
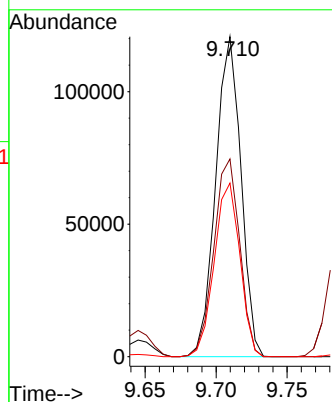
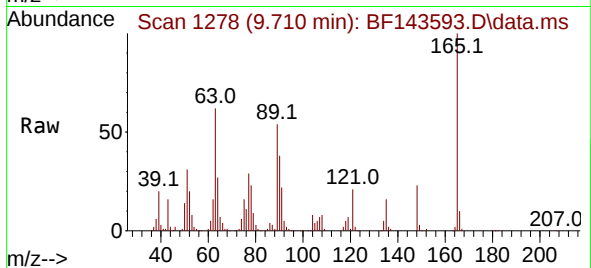




#51
2,6-Dinitrotoluene
Concen: 44.605 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

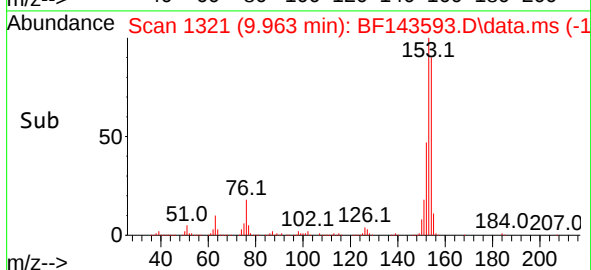
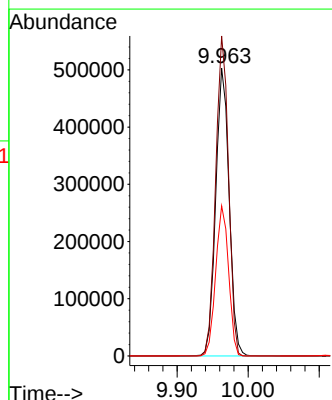
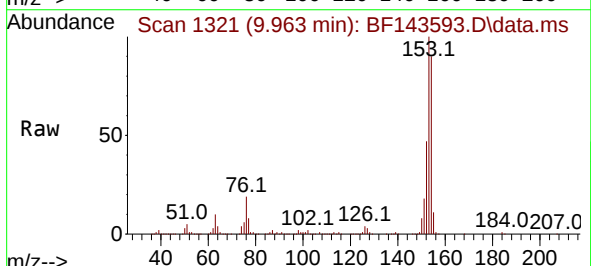
Instrument :
BNA_F
ClientSampleId :
ICVBF082625

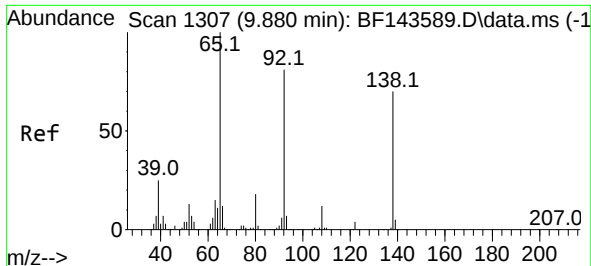
Tgt Ion:165 Resp: 149488
Ion Ratio Lower Upper
165 100
63 61.8 51.8 77.6
89 54.2 47.4 71.2



#52
Acenaphthene
Concen: 38.529 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:154 Resp: 658449
Ion Ratio Lower Upper
154 100
153 111.2 89.0 133.4
152 52.1 42.9 64.3

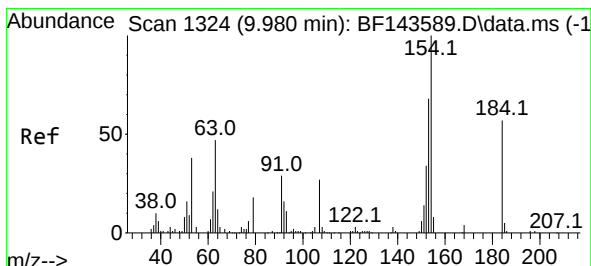
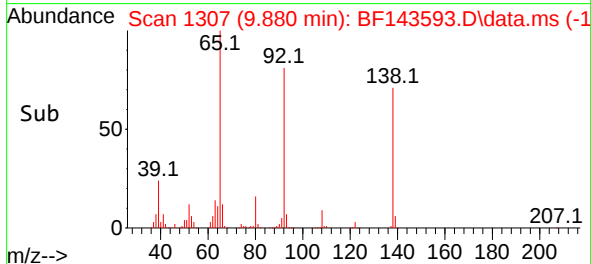
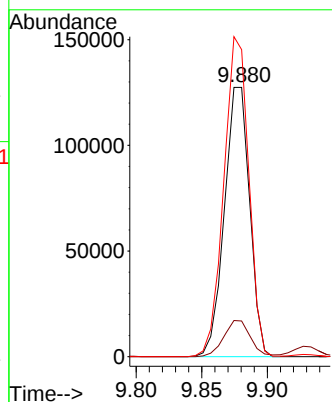
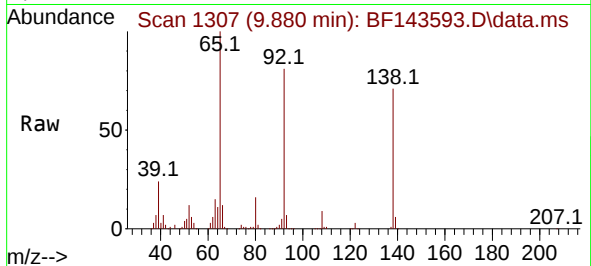




#53
3-Nitroaniline
Concen: 43.240 ng
RT: 9.880 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

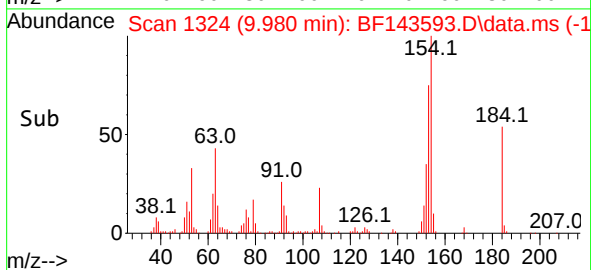
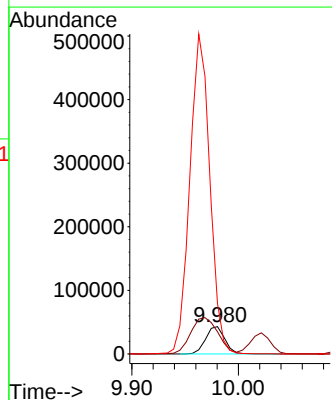
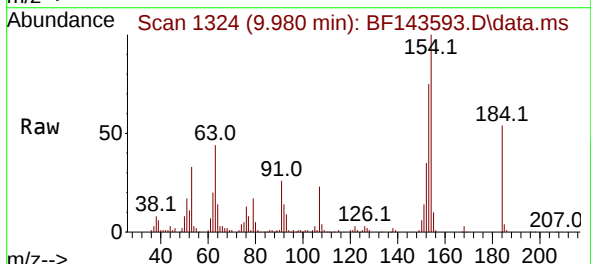
Instrument :
BNA_F
ClientSampleId :
ICVBF082625

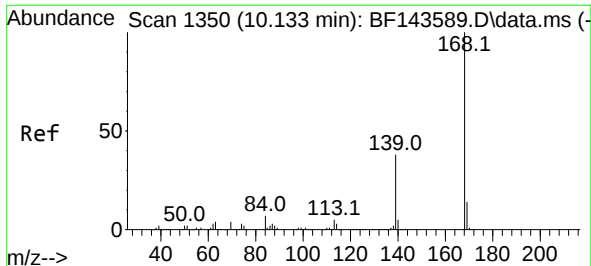
Tgt Ion:138 Resp: 170796
Ion Ratio Lower Upper
138 100
108 13.2 13.8 20.8#
92 114.0 92.6 139.0



#54
2,4-Dinitrophenol
Concen: 51.246 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:184 Resp: 53959
Ion Ratio Lower Upper
184 100
63 80.8 80.9 121.3#
154 183.8 262.0 393.0#

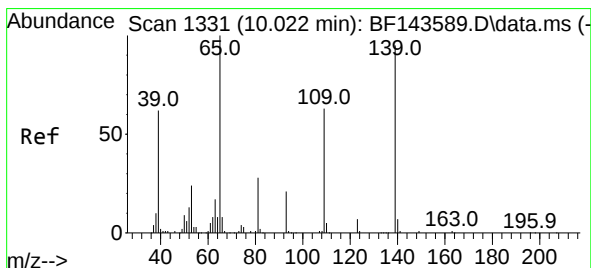
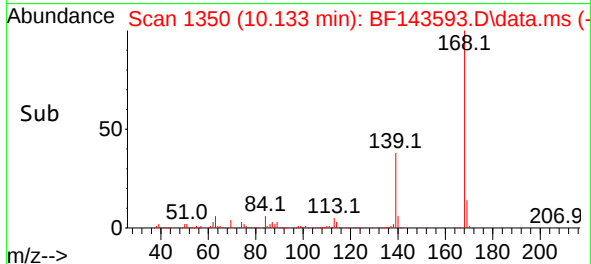
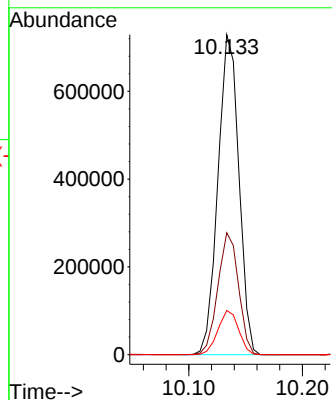
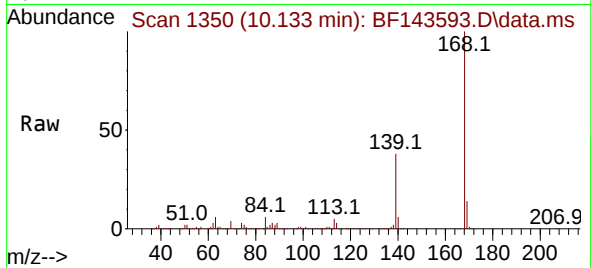




#55
Dibenzofuran
Concen: 37.276 ng
RT: 10.133 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

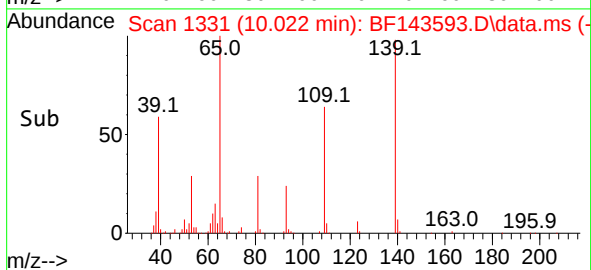
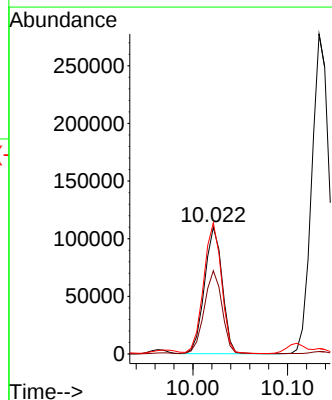
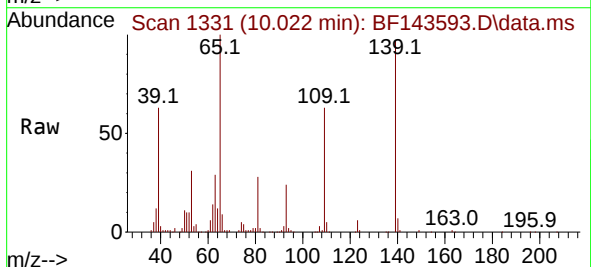
Instrument :
BNA_F
ClientSampleId :
ICVBF082625

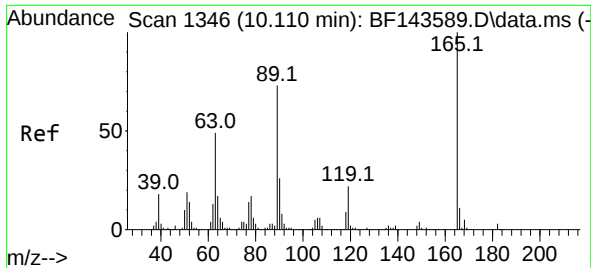
Tgt Ion:168 Resp: 934002
Ion Ratio Lower Upper
168 100
139 38.1 30.6 46.0
169 13.8 10.9 16.3



#56
4-Nitrophenol
Concen: 43.838 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:139 Resp: 142962
Ion Ratio Lower Upper
139 100
109 65.7 47.3 87.3
65 103.5 86.8 126.8

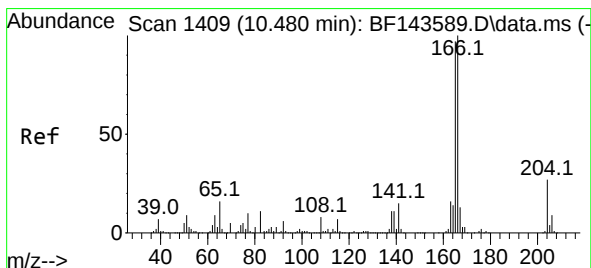
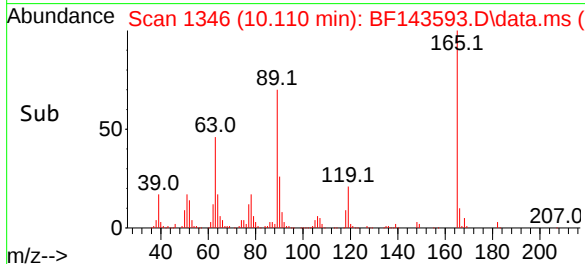
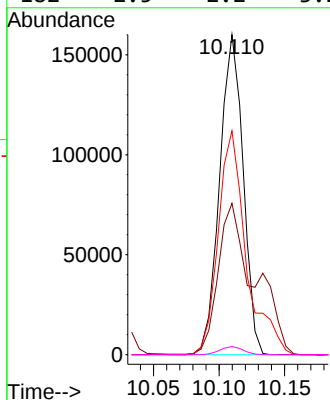
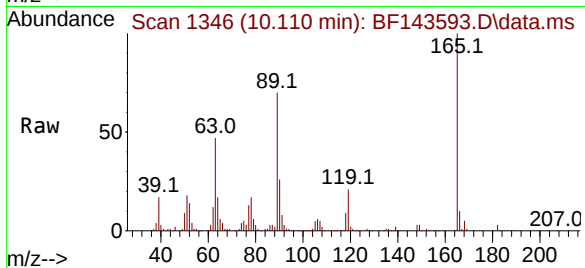




#57
2,4-Dinitrotoluene
Concen: 45.207 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

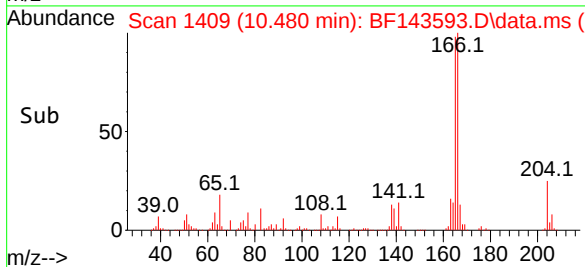
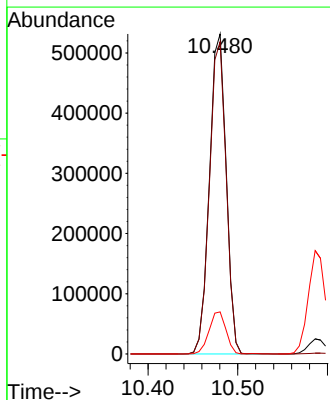
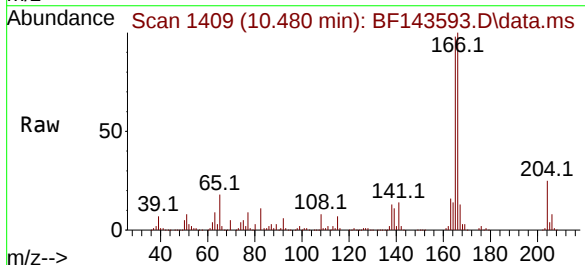
Instrument :
BNA_F
ClientSampleId :
ICVBF082625

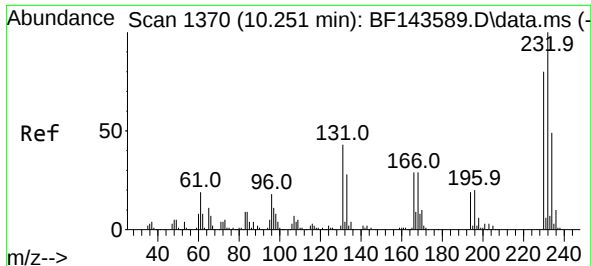
Tgt Ion:165 Resp: 199246
Ion Ratio Lower Upper
165 100
63 47.3 39.5 59.3
89 69.9 58.1 87.1
182 2.5 2.2 3.2



#58
Fluorene
Concen: 36.556 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:166 Resp: 687711
Ion Ratio Lower Upper
166 100
165 97.6 77.7 116.5
167 13.1 10.6 15.8

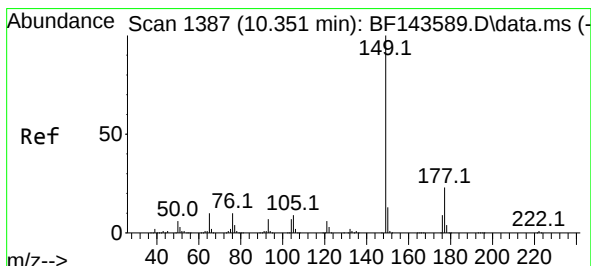
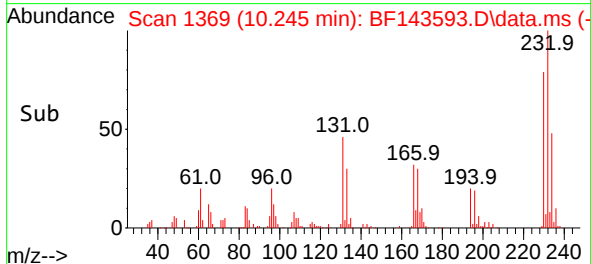
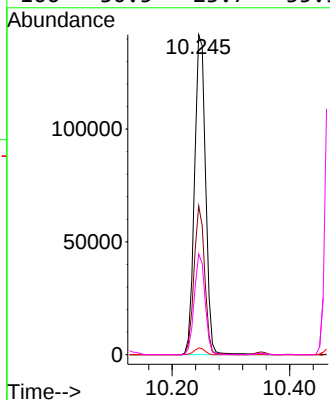
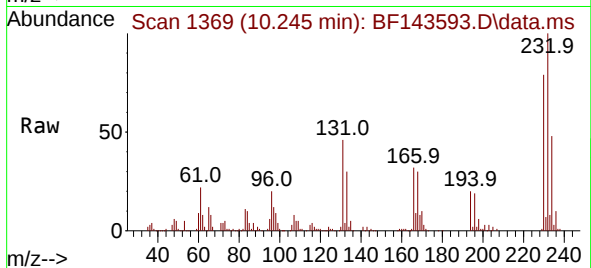




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.131 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

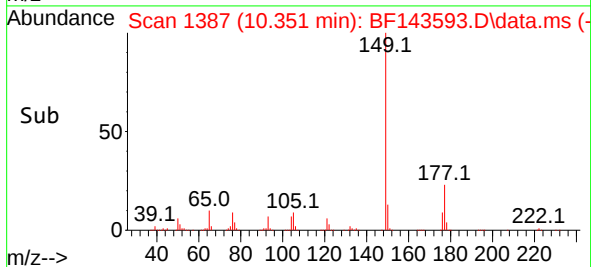
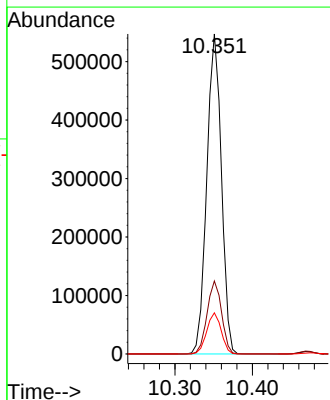
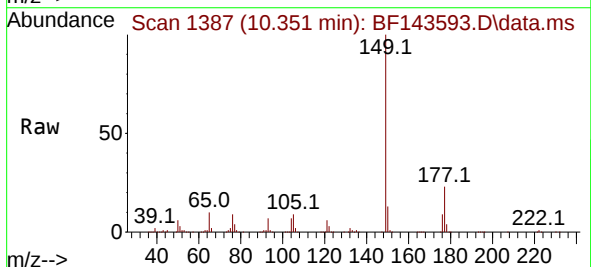
Instrument :
BNA_F
ClientSampleId :
ICVBF082625

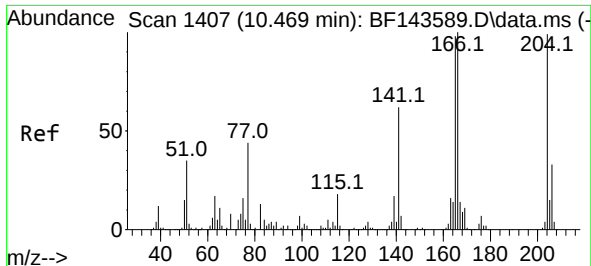
Tgt Ion:232 Resp: 185382
Ion Ratio Lower Upper
232 100
131 44.9 35.9 53.9
130 2.0 1.8 2.8
166 30.5 23.7 35.5



#60
Diethylphthalate
Concen: 37.933 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:149 Resp: 715330
Ion Ratio Lower Upper
149 100
177 22.8 18.1 27.1
150 12.8 10.1 15.1

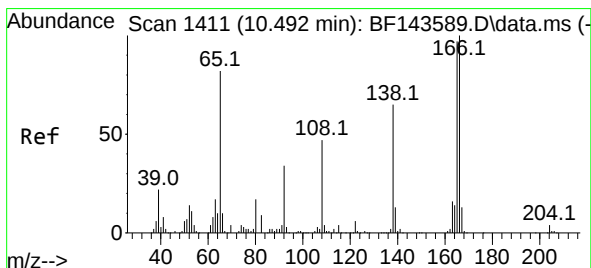
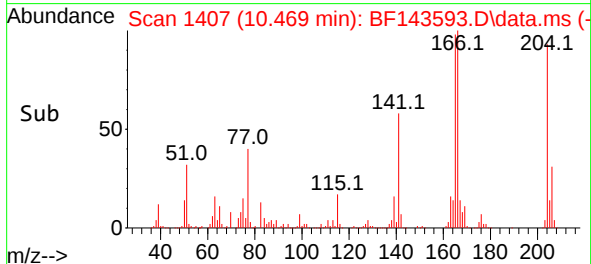
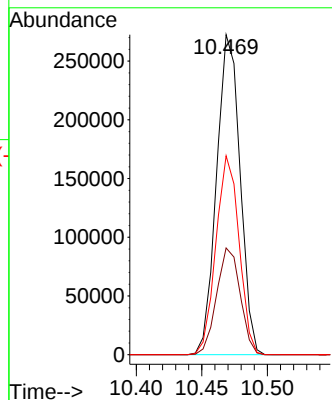
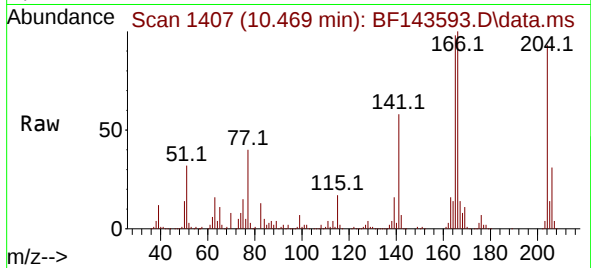




#61
4-Chlorophenyl-phenylether
Concen: 36.906 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

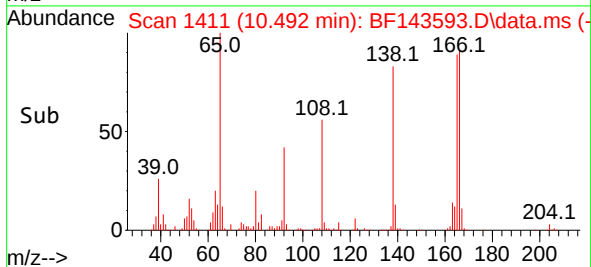
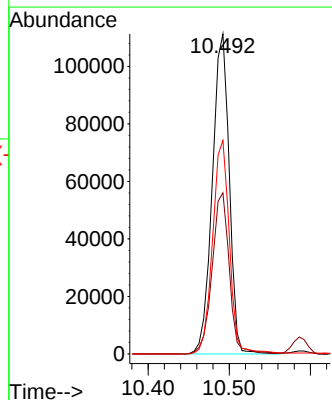
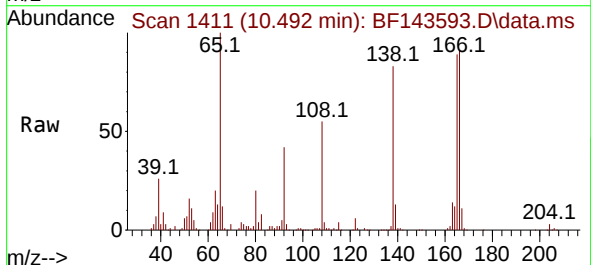
Instrument :
BNA_F
ClientSampleId :
ICVBF082625

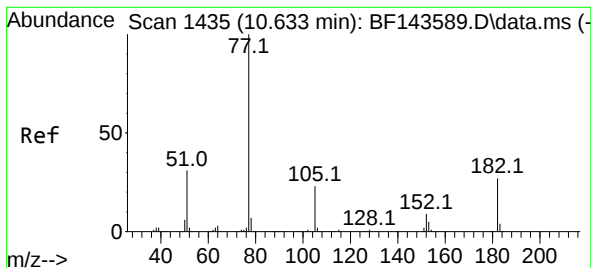
Tgt Ion:204 Resp: 339548
Ion Ratio Lower Upper
204 100
206 33.4 27.0 40.6
141 62.1 50.2 75.2



#62
4-Nitroaniline
Concen: 43.463 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:138 Resp: 161334
Ion Ratio Lower Upper
138 100
92 50.4 31.3 71.3
108 66.7 51.6 91.6





#63

Azobenzene

Concen: 37.562 ng

RT: 10.633 min Scan# 1435

Delta R.T. 0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

Instrument :

BNA_F

ClientSampleId :

ICVBF082625

Tgt Ion: 77 Resp: 718182

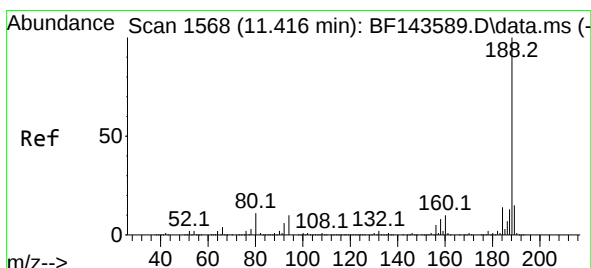
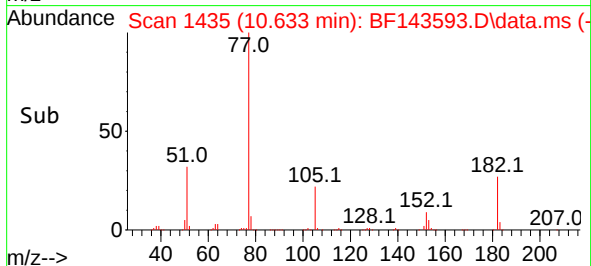
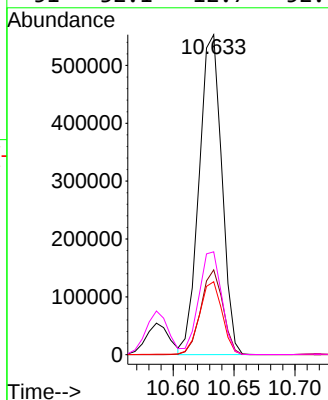
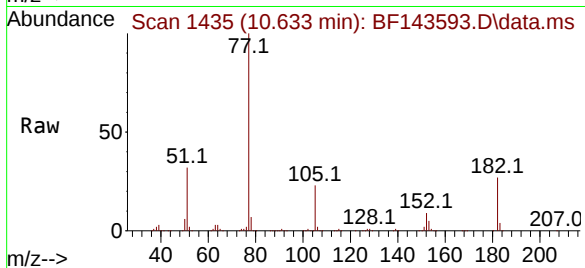
Ion Ratio Lower Upper

77 100

182 26.5 6.3 46.3

105 22.8 2.4 42.4

51 32.1 12.7 52.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1568

Delta R.T. -0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

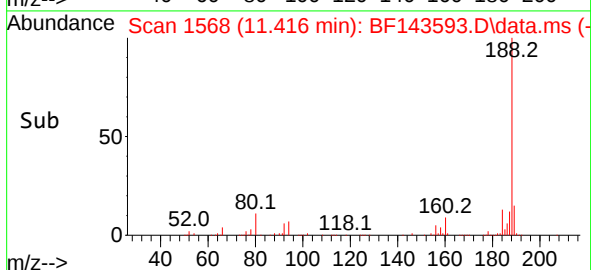
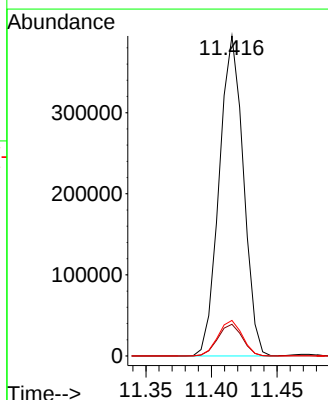
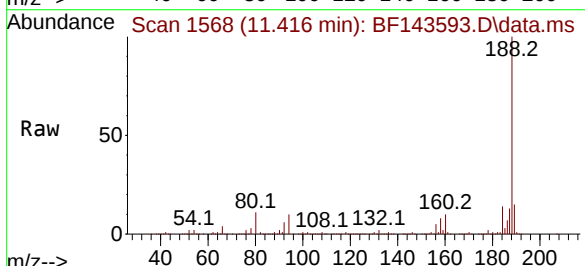
Tgt Ion: 188 Resp: 506960

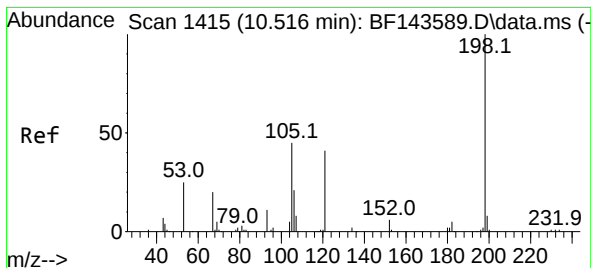
Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.4

80 11.1 8.9 13.3

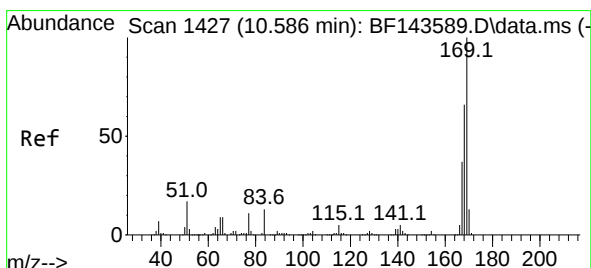
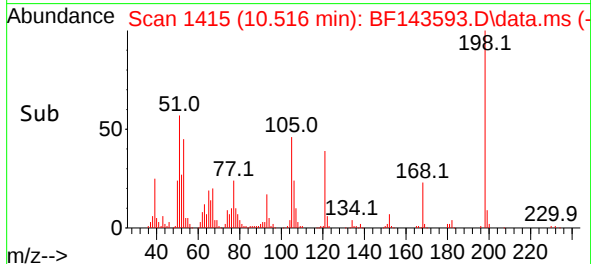
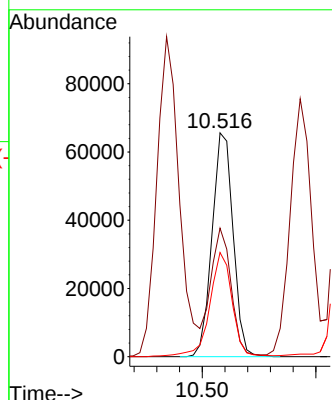
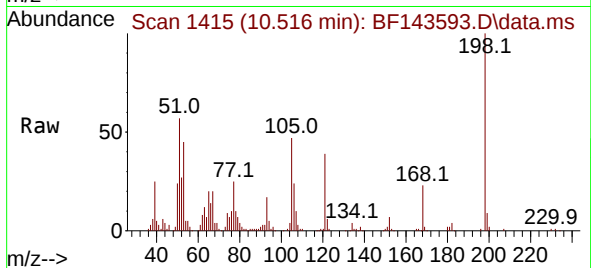




#65
4,6-Dinitro-2-methylphenol
Concen: 49.211 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

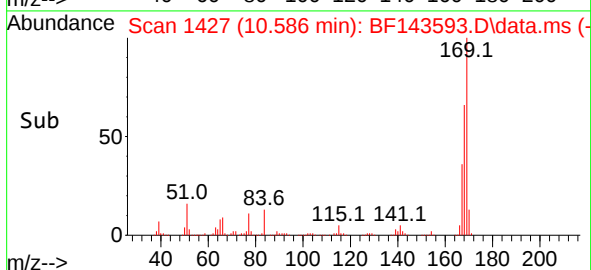
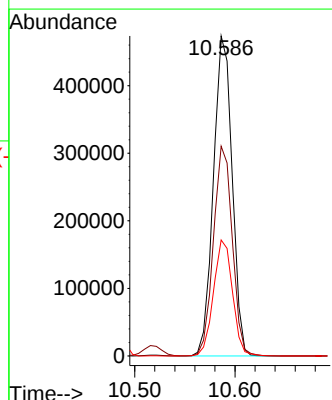
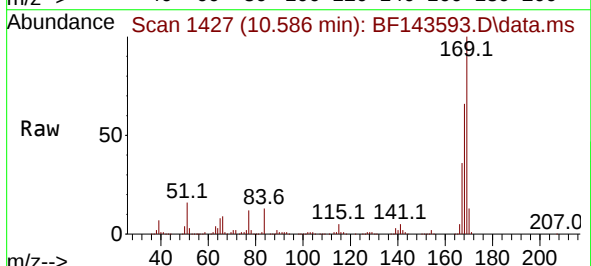
Instrument :
BNA_F
ClientSampleId :
ICVBF082625

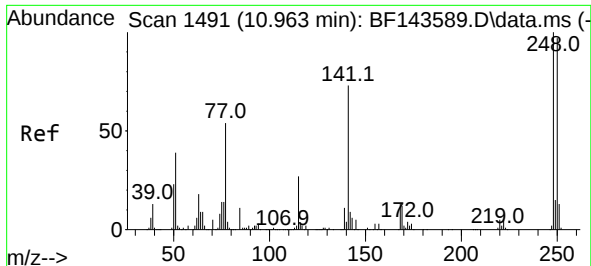
Tgt Ion:198 Resp: 84325
Ion Ratio Lower Upper
198 100
51 57.4 41.5 81.5
105 46.5 28.2 68.2



#66
n-Nitrosodiphenylamine
Concen: 38.044 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:169 Resp: 613478
Ion Ratio Lower Upper
169 100
168 65.6 53.1 79.7
167 36.2 29.3 43.9

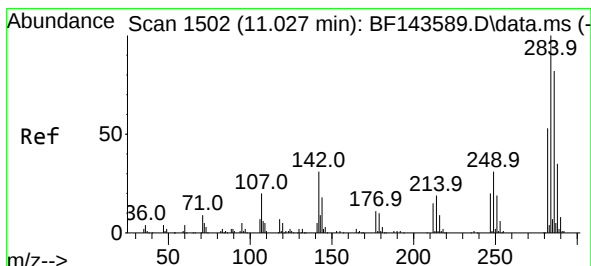
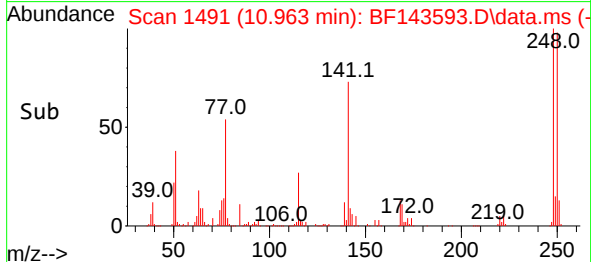
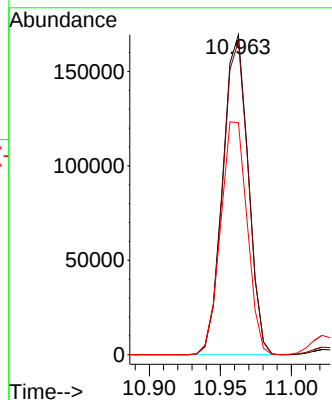
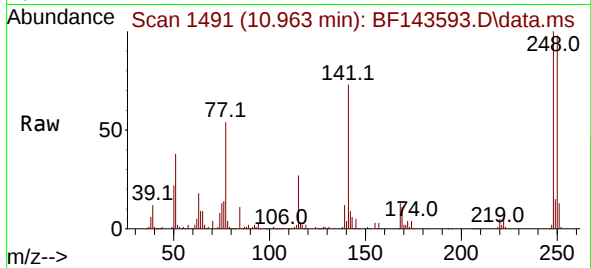




#67
4-Bromophenyl-phenylether
Concen: 38.499 ng
RT: 10.963 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

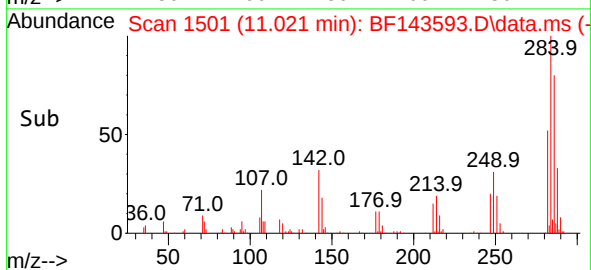
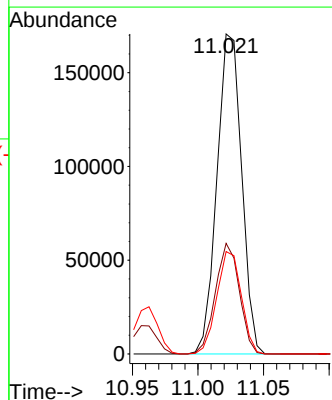
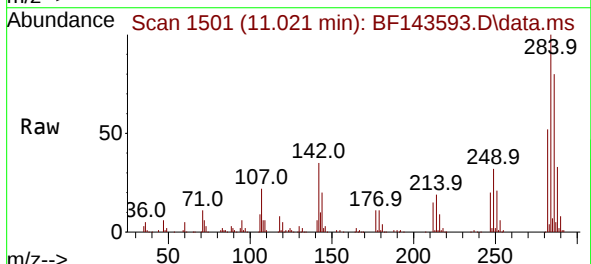
Instrument :
BNA_F
ClientSampleId :
ICVBF082625

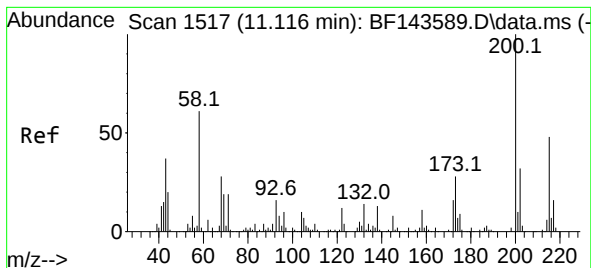
Tgt Ion:248 Resp: 211109
Ion Ratio Lower Upper
248 100
250 98.1 77.8 116.6
141 72.5 58.5 87.7



#68
Hexachlorobenzene
Concen: 38.071 ng
RT: 11.021 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:284 Resp: 223302
Ion Ratio Lower Upper
284 100
142 34.5 24.7 37.1
249 32.0 25.0 37.6





#69

Atrazine

Concen: 39.321 ng

RT: 11.116 min Scan# 1517

Delta R.T. -0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

Instrument :

BNA_F

ClientSampleId :

ICVBF082625

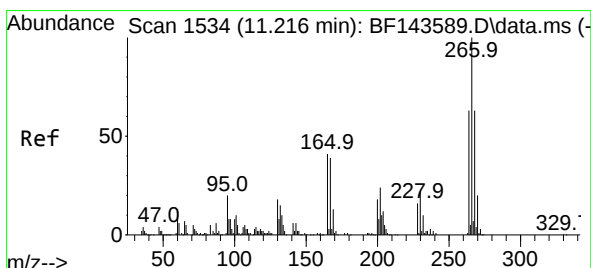
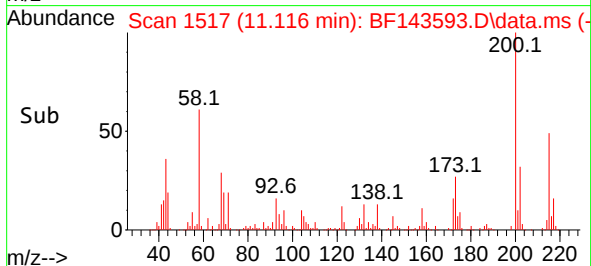
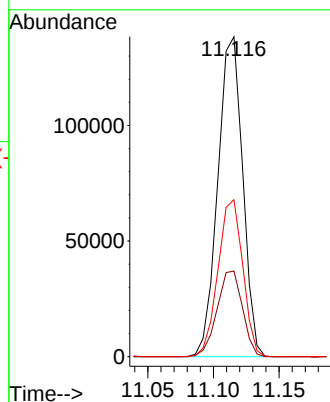
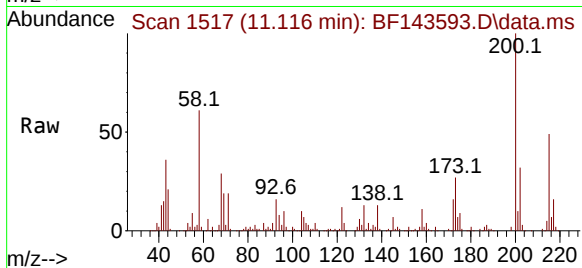
Tgt Ion:200 Resp: 182262

Ion Ratio Lower Upper

200 100

173 26.8 7.6 47.6

215 49.0 28.3 68.3



#70

Pentachlorophenol

Concen: 43.012 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

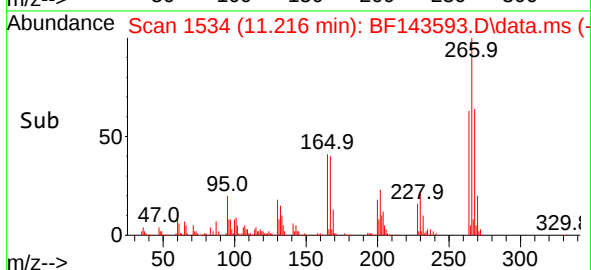
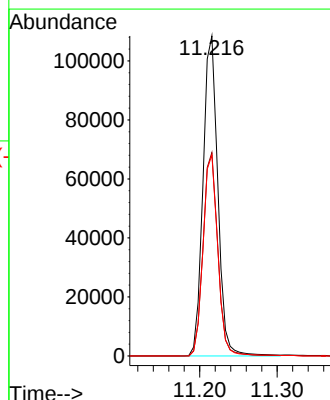
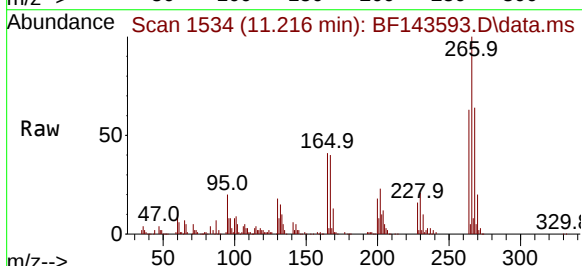
Tgt Ion:266 Resp: 144141

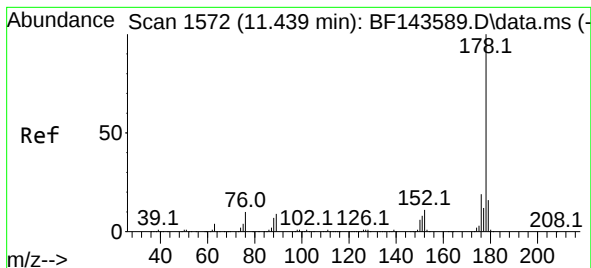
Ion Ratio Lower Upper

266 100

268 63.6 50.4 75.6

264 62.9 50.1 75.1





#71

Phenanthrene

Concen: 37.012 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

Instrument :

BNA_F

ClientSampleId :

ICVBF082625

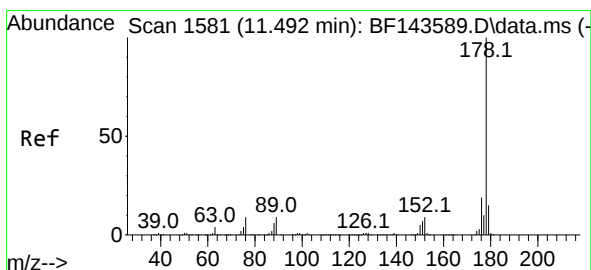
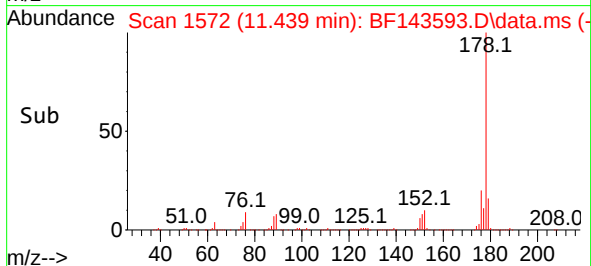
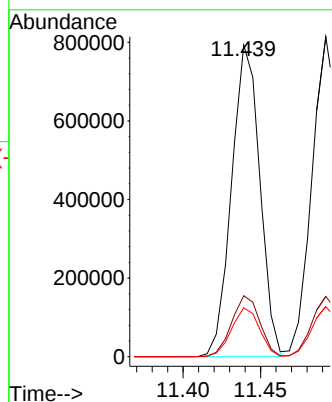
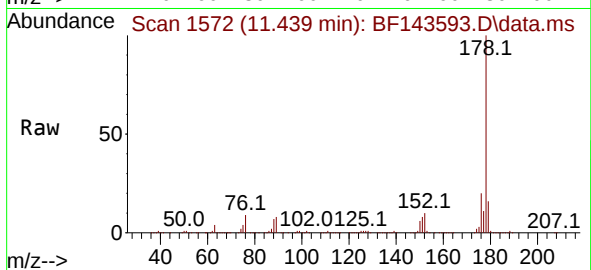
Tgt Ion:178 Resp: 1004644

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

179 15.6 12.5 18.7



#72

Anthracene

Concen: 37.485 ng

RT: 11.492 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

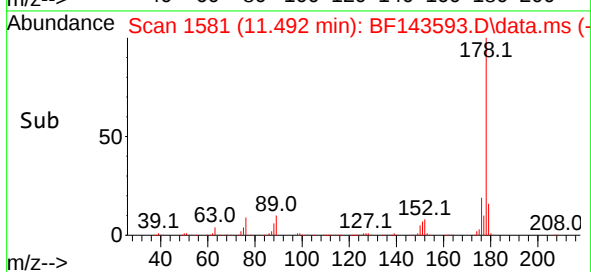
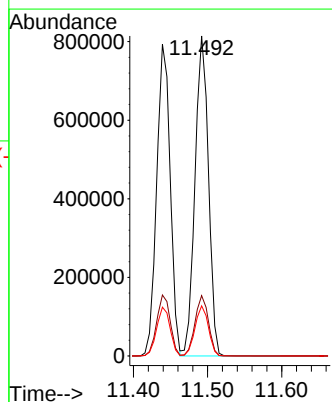
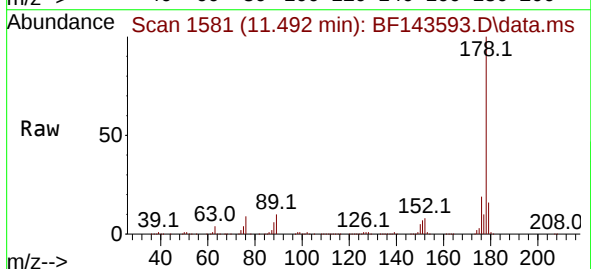
Tgt Ion:178 Resp: 1025365

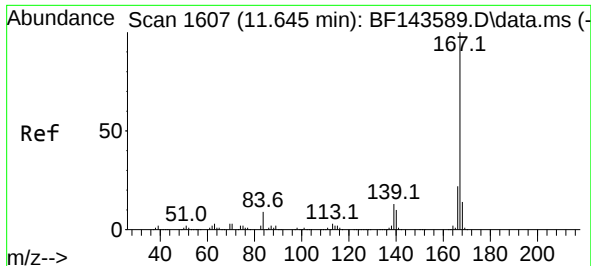
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

179 15.6 12.4 18.6

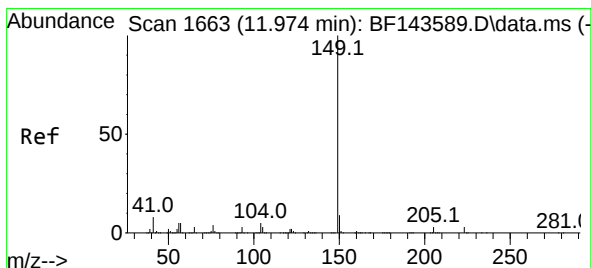
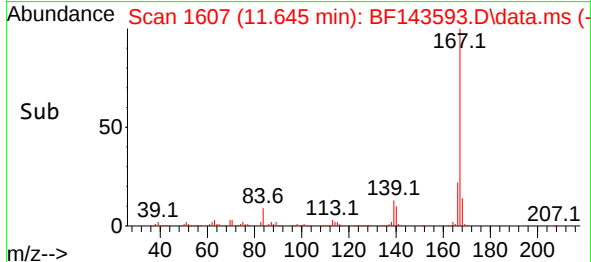
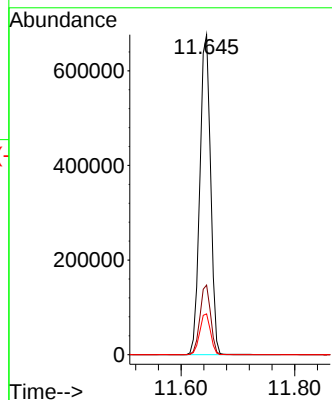
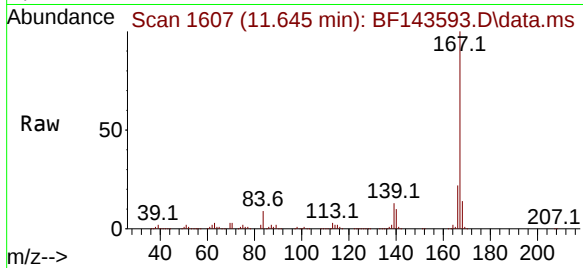




#73
 Carbazole
 Concen: 37.604 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. 0.000 min
 Lab File: BF143593.D
 Acq: 26 Aug 2025 15:40

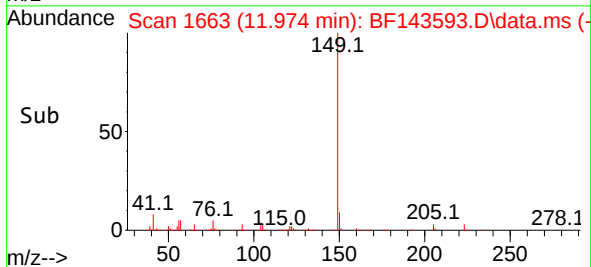
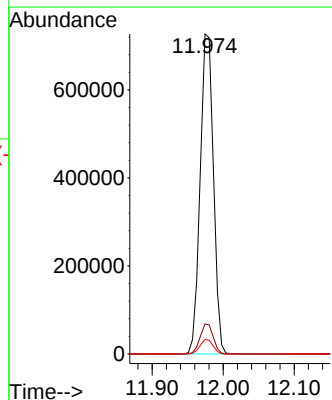
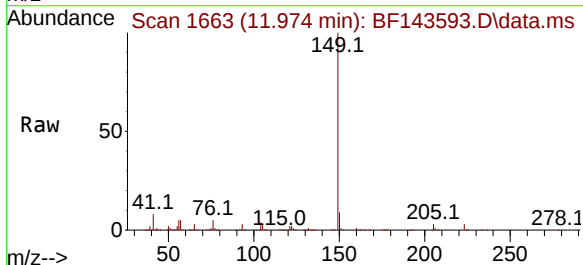
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082625

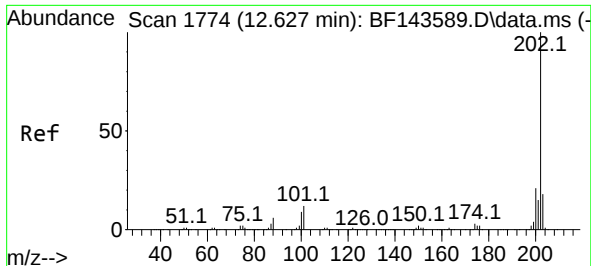
Tgt Ion:167 Resp: 889140
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 12.8 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 39.416 ng
 RT: 11.974 min Scan# 1663
 Delta R.T. 0.000 min
 Lab File: BF143593.D
 Acq: 26 Aug 2025 15:40

Tgt Ion:149 Resp: 949301
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.5 3.6 5.4

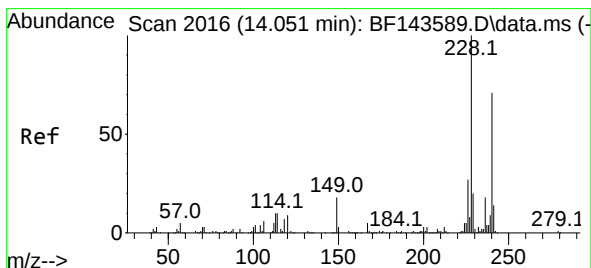
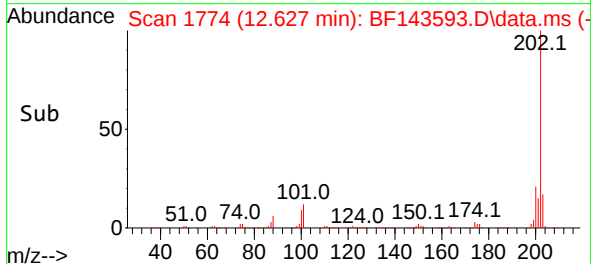
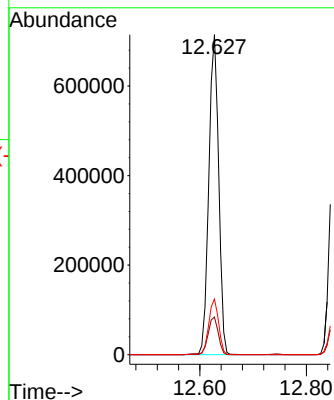
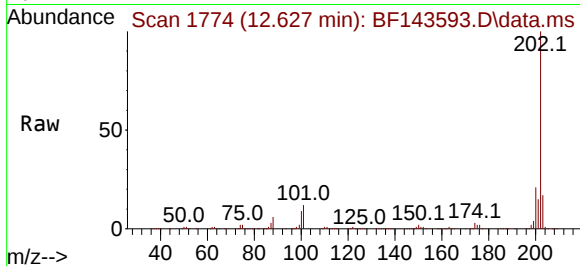




#75
Fluoranthene
Concen: 36.948 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

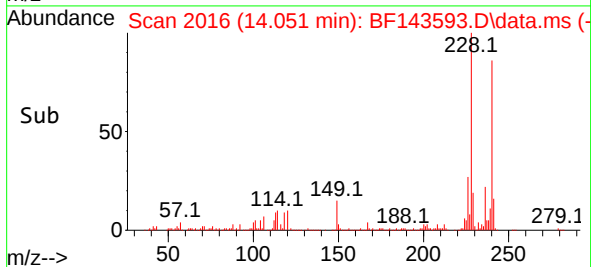
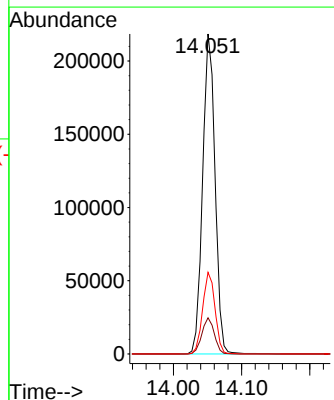
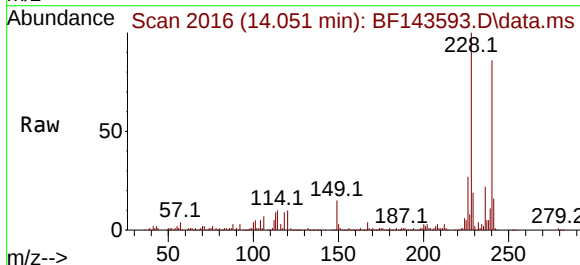
Instrument :
BNA_F
ClientSampleId :
ICVBF082625

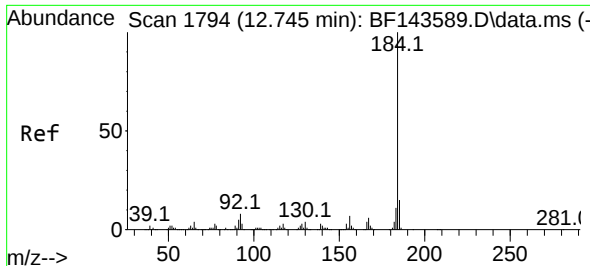
Tgt Ion:202 Resp: 915700
Ion Ratio Lower Upper
202 100
101 11.8 0.0 32.3
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:240 Resp: 276317
Ion Ratio Lower Upper
240 100
120 11.3 9.6 14.4
236 25.5 20.2 30.2

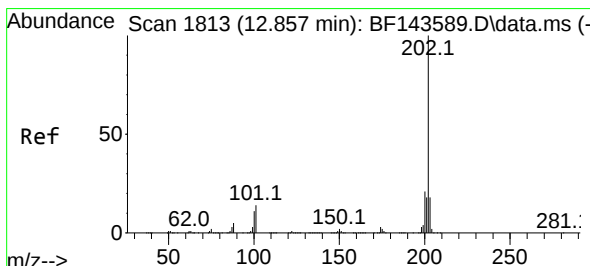
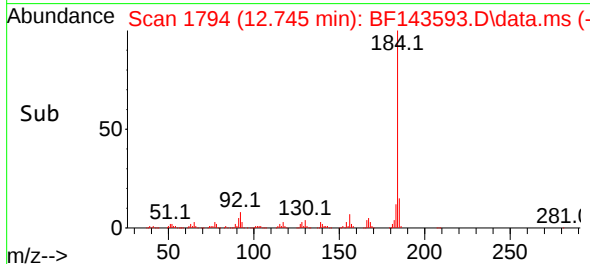
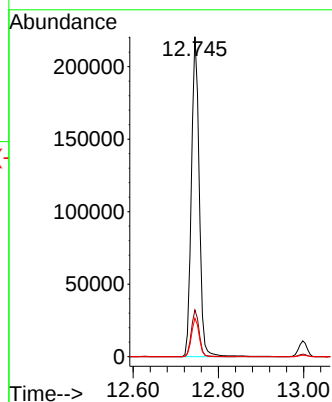
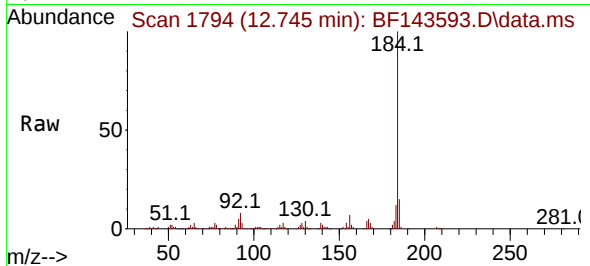




#77
Benzidine
Concen: 44.295 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

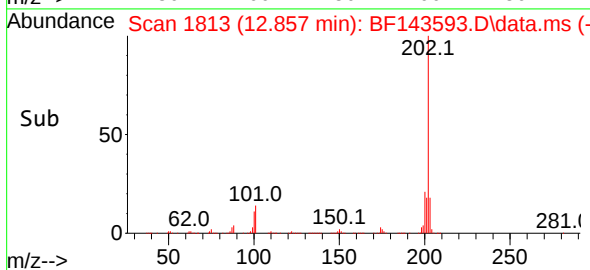
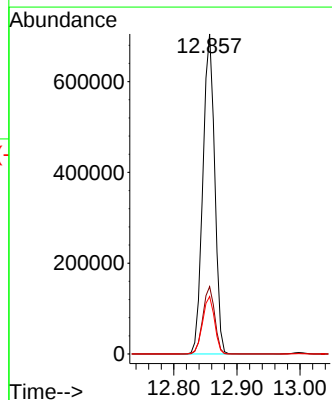
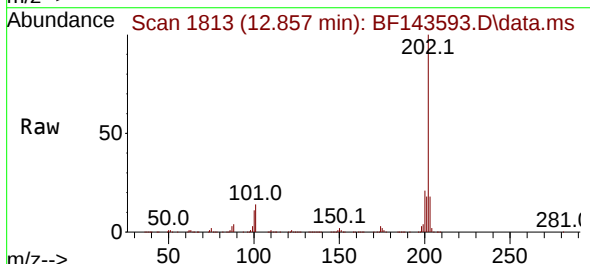
Instrument :
BNA_F
ClientSampleId :
ICVBF082625

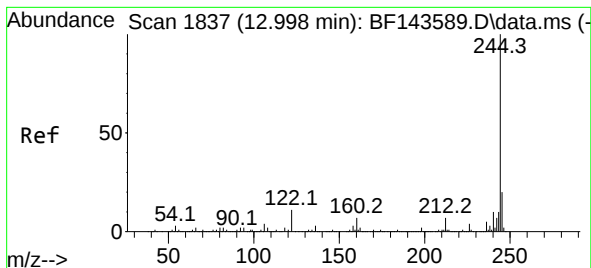
Tgt Ion:184 Resp: 281785
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.6
183 12.0 9.1 13.7



#78
Pyrene
Concen: 39.636 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:202 Resp: 916578
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 78.131 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

Instrument :

BNA_F

ClientSampleId :

ICVBF082625

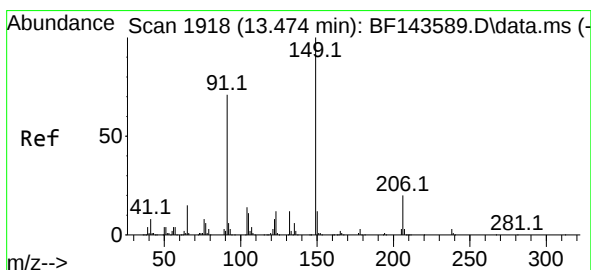
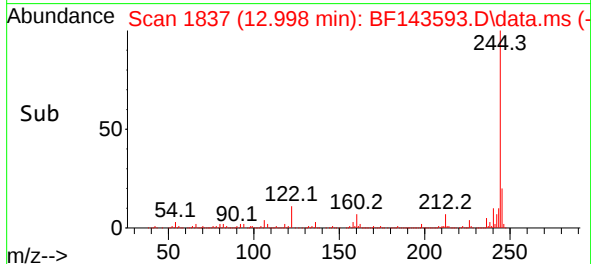
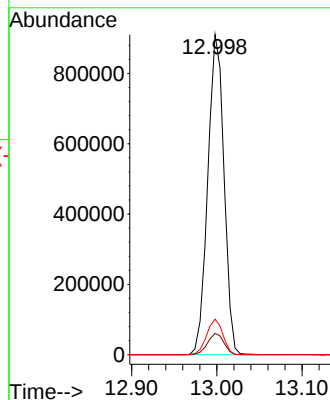
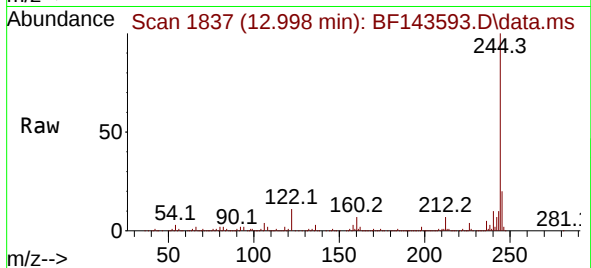
Tgt Ion:244 Resp: 1203079

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 11.1 8.8 13.2



#80

Butylbenzylphthalate

Concen: 40.181 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

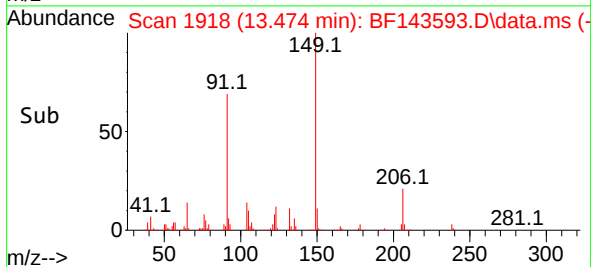
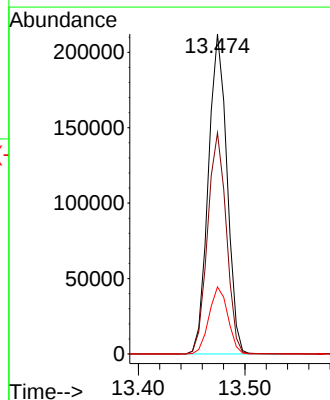
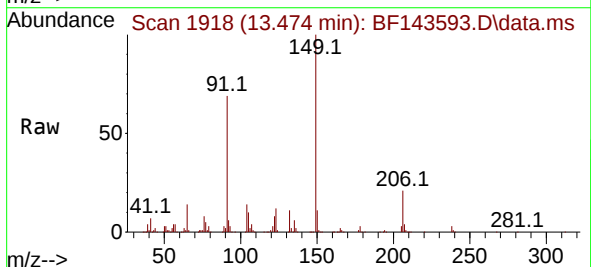
Tgt Ion:149 Resp: 258180

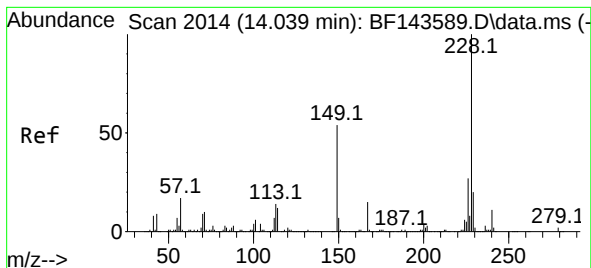
Ion Ratio Lower Upper

149 100

91 69.1 56.8 85.2

206 21.0 16.2 24.2





#81

Benzo(a)anthracene

Concen: 36.704 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

Instrument :

BNA_F

ClientSampleId :

ICVBF082625

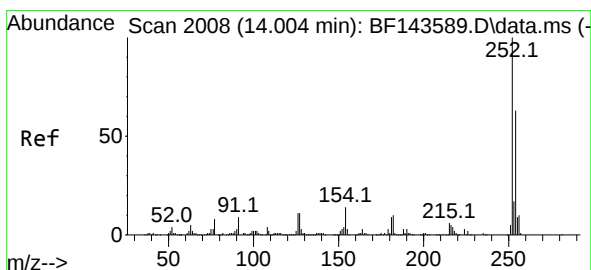
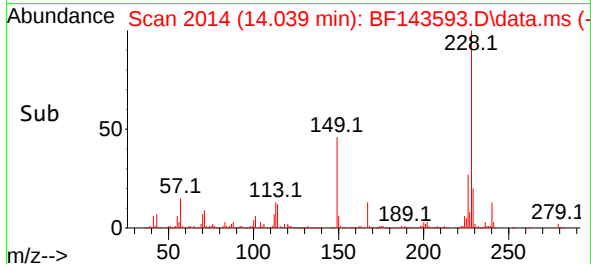
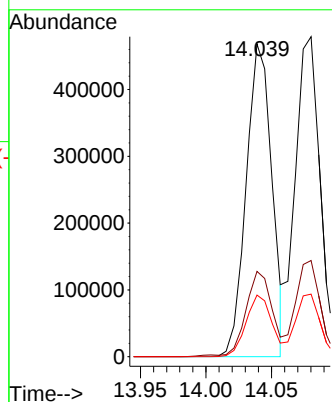
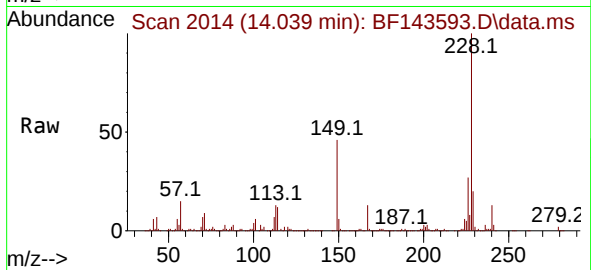
Tgt Ion:228 Resp: 638066

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.7 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 42.101 ng

RT: 14.004 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

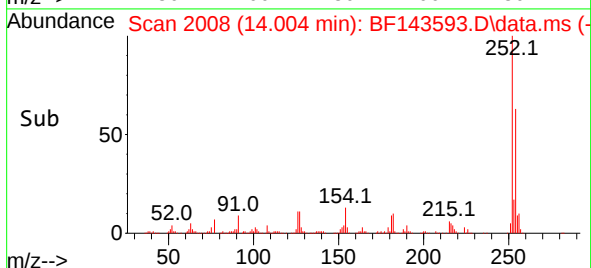
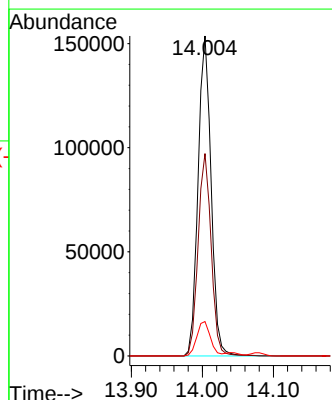
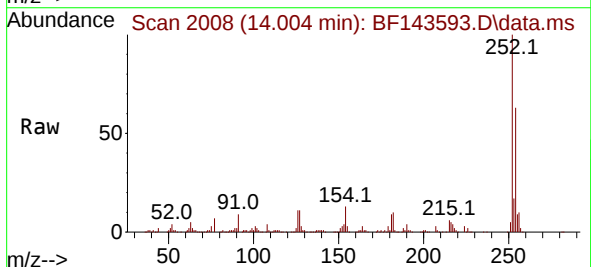
Tgt Ion:252 Resp: 196224

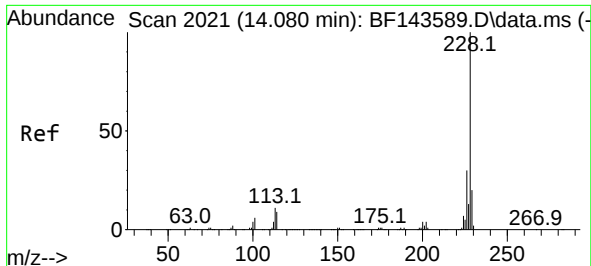
Ion Ratio Lower Upper

252 100

254 63.3 50.2 75.2

126 10.7 9.1 13.7

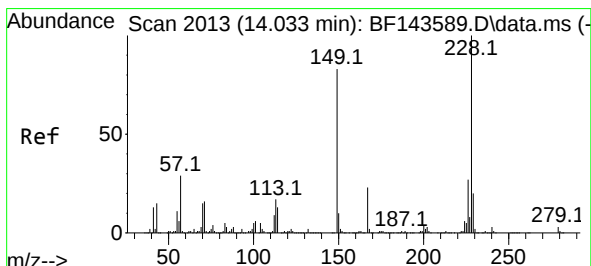
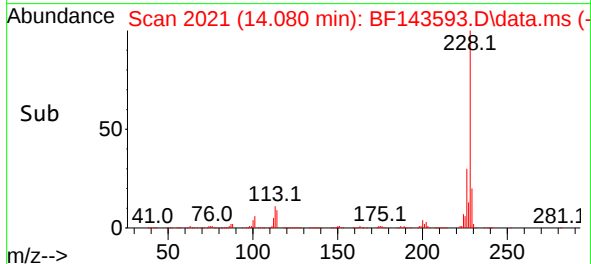
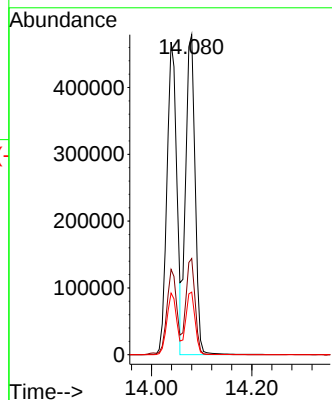
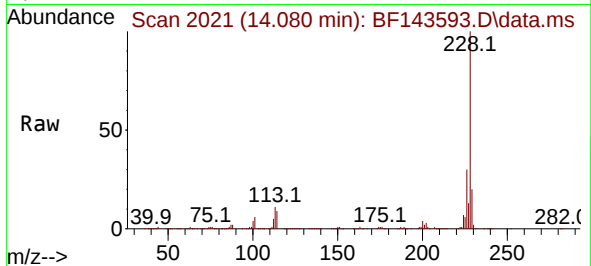




#83
Chrysene
Concen: 38.818 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

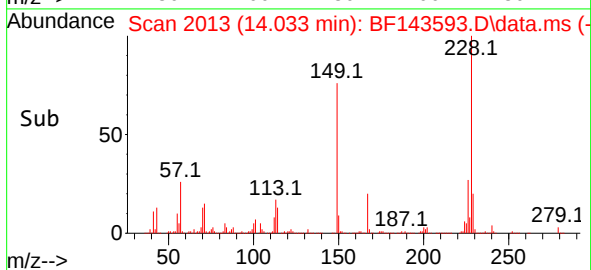
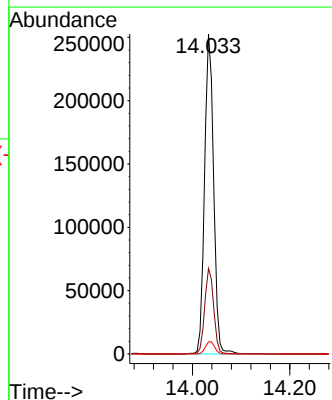
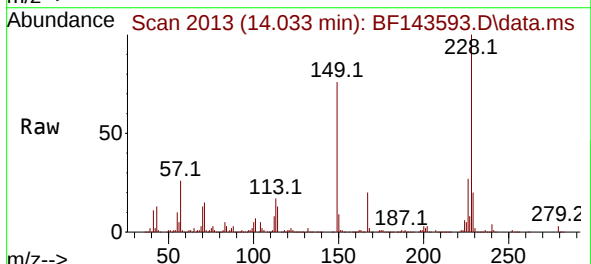
Instrument :
BNA_F
ClientSampleId :
ICVBF082625

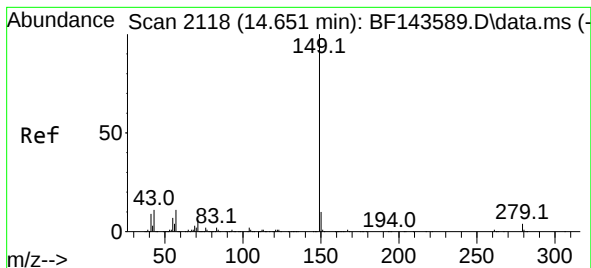
Tgt Ion:228 Resp: 628897
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 19.6 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.310 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:149 Resp: 327160
Ion Ratio Lower Upper
149 100
167 26.7 21.8 32.8
279 3.8 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 39.930 ng

RT: 14.651 min Scan# 2118

Delta R.T. -0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

Instrument :

BNA_F

ClientSampleId :

ICVBF082625

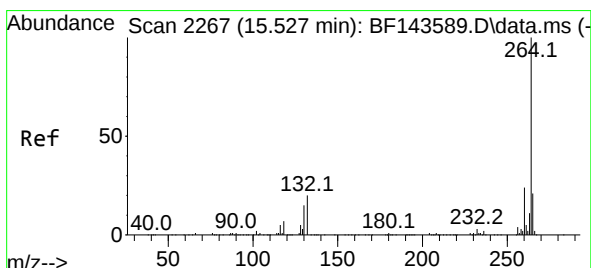
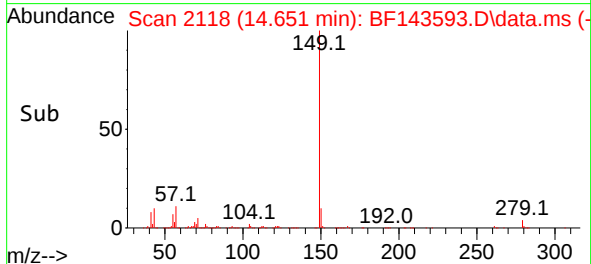
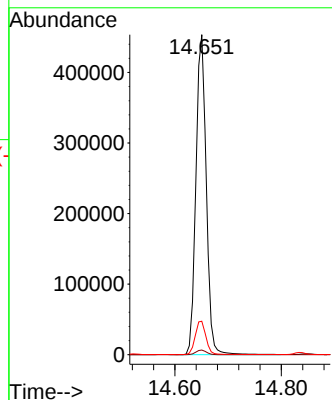
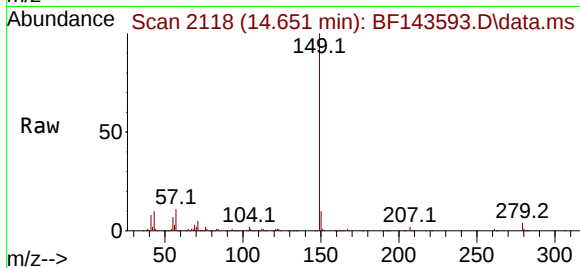
Tgt Ion:149 Resp: 610648

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.1 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2267

Delta R.T. 0.000 min

Lab File: BF143593.D

Acq: 26 Aug 2025 15:40

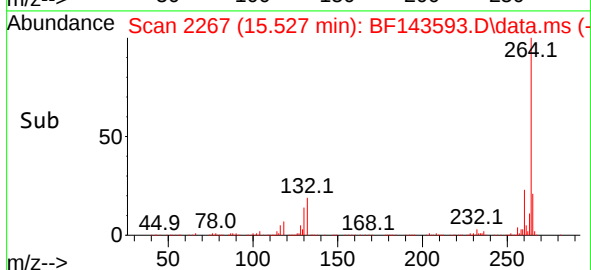
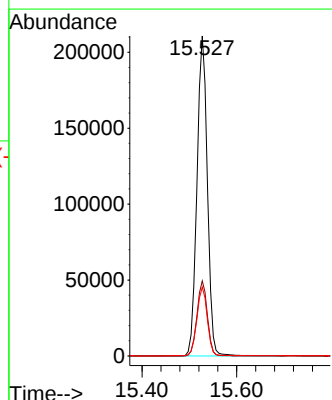
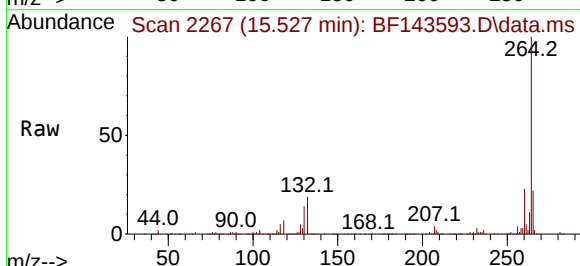
Tgt Ion:264 Resp: 321846

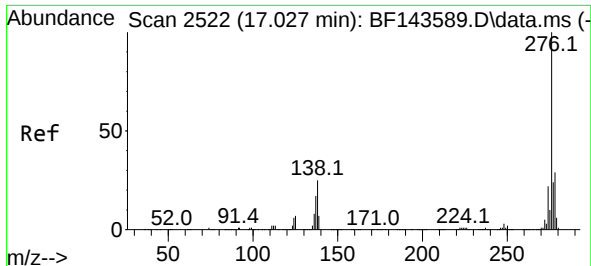
Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.5 17.0 25.4

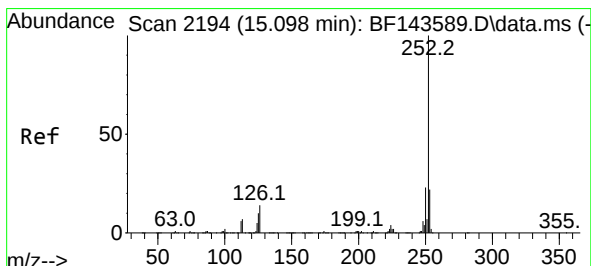
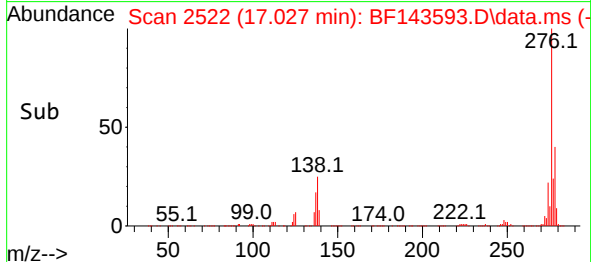
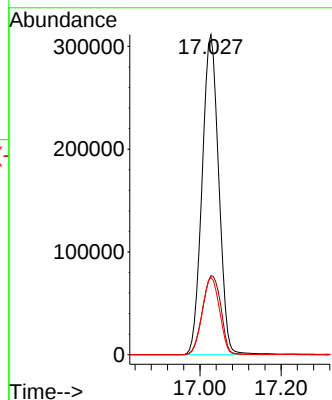
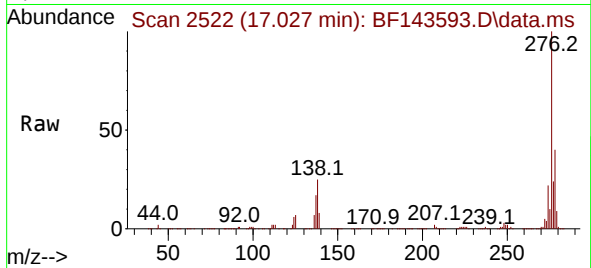




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.409 ng
 RT: 17.027 min Scan# 2193
 Delta R.T. 0.000 min
 Lab File: BF143593.D
 Acq: 26 Aug 2025 15:40

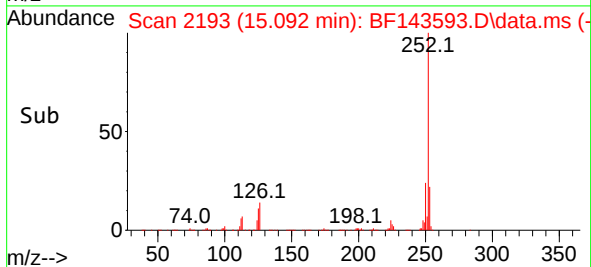
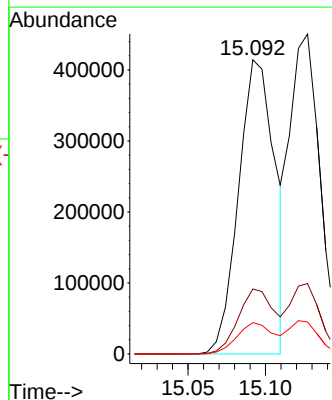
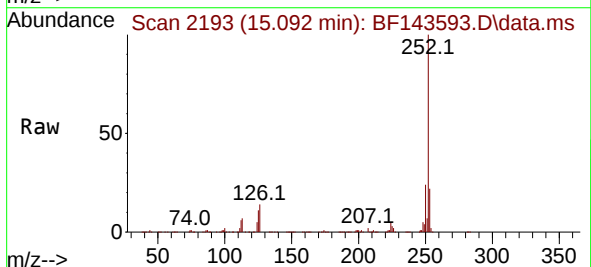
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082625

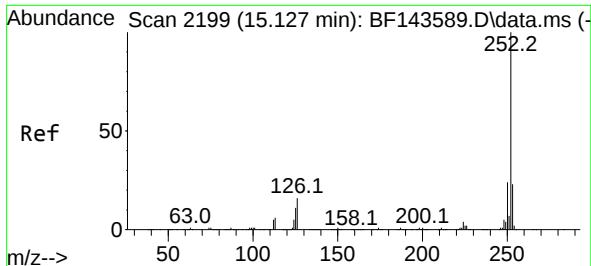
Tgt Ion:276 Resp: 884839
 Ion Ratio Lower Upper
 276 100
 138 27.3 22.3 33.5
 277 25.1 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 36.818 ng
 RT: 15.092 min Scan# 2193
 Delta R.T. -0.006 min
 Lab File: BF143593.D
 Acq: 26 Aug 2025 15:40

Tgt Ion:252 Resp: 677056
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.5 26.3
 125 10.6 8.2 12.2

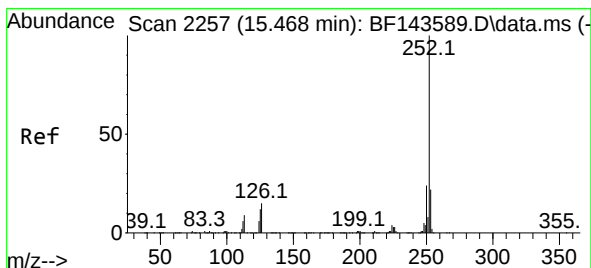
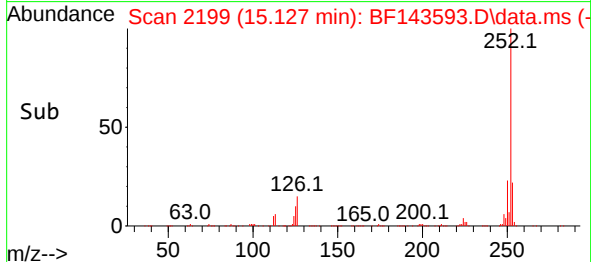
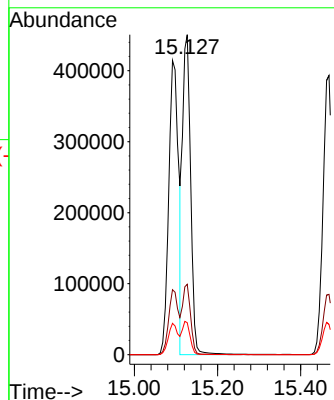
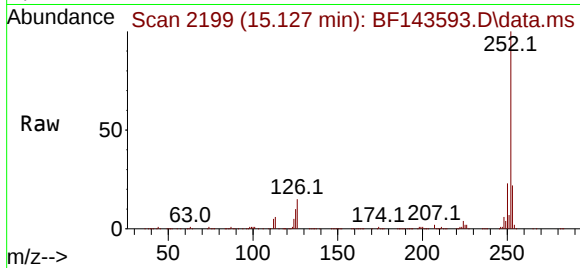




#89
Benzo(k)fluoranthene
Concen: 35.683 ng
RT: 15.127 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

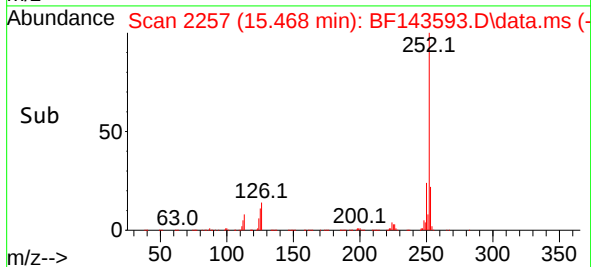
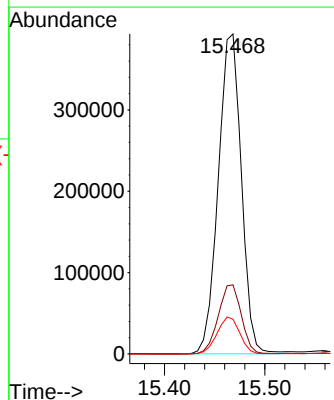
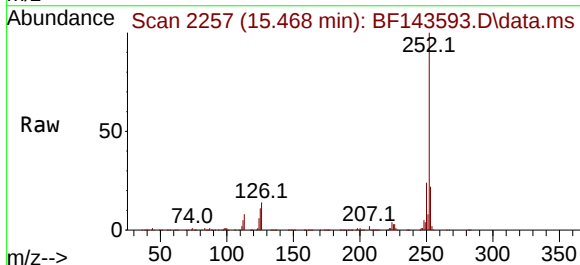
Instrument :
BNA_F
ClientSampleId :
ICVBF082625

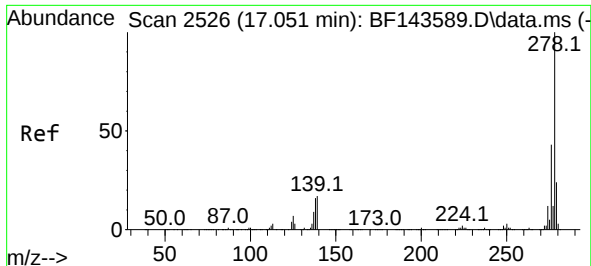
Tgt Ion:252 Resp: 613528
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.0 8.2 12.4



#90
Benzo(a)pyrene
Concen: 38.591 ng
RT: 15.468 min Scan# 2257
Delta R.T. -0.000 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:252 Resp: 627013
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 10.8 9.2 13.8

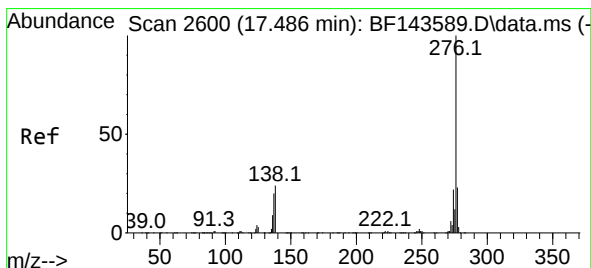
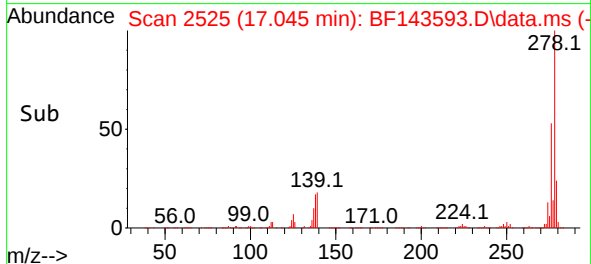
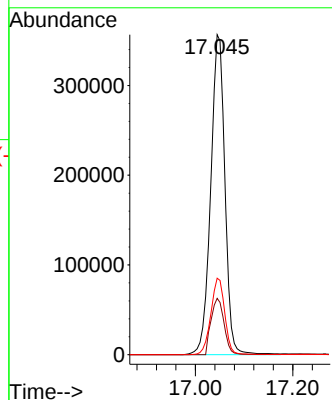
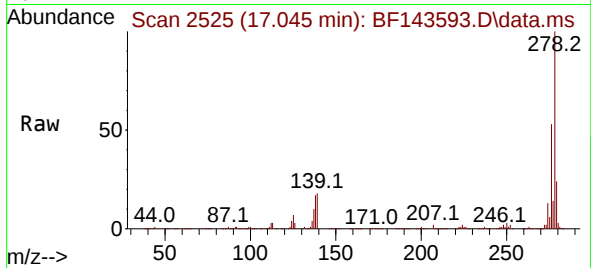




#91
Dibenzo(a,h)anthracene
Concen: 40.157 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Tgt Ion:278 Resp: 719681
Ion Ratio Lower Upper
278 100
139 17.6 13.8 20.8
279 23.9 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 40.405 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.006 min
Lab File: BF143593.D
Acq: 26 Aug 2025 15:40

Tgt Ion:276 Resp: 716895
Ion Ratio Lower Upper
276 100
277 23.4 18.6 27.8
138 23.6 19.1 28.7

