

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090425\
 Data File : BF143648.D
 Acq On : 04 Sep 2025 17:11
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Sep 04 17:47:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 03 18:35:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	89277	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	338968	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	194707	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	318751	20.000	ng	0.00
76) Chrysene-d12	14.051	240	191305	20.000	ng	0.00
86) Perylene-d12	15.521	264	194952	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	417383	82.823	ng	0.00
7) Phenol-d6	6.510	99	507988	81.217	ng	0.00
23) Nitrobenzene-d5	7.457	82	454276	94.192	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	162715	99.936	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	972104	79.765	ng	0.00
79) Terphenyl-d14	12.998	244	970954	84.568	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	91554	38.506	ng	97
3) Pyridine	3.434	79	249252	39.568	ng	95
4) n-Nitrosodimethylamine	3.387	42	100251	38.318	ng	95
6) Aniline	6.557	93	345950	39.736	ng	99
8) 2-Chlorophenol	6.675	128	225744	43.255	ng	99
9) Benzaldehyde	6.446	77	176247	37.925	ng	100
10) Phenol	6.528	94	298121	43.474	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	213457	39.746	ng	97
12) 1,3-Dichlorobenzene	6.834	146	259225	40.247	ng	99
13) 1,4-Dichlorobenzene	6.910	146	258144	39.960	ng	99
14) 1,2-Dichlorobenzene	7.063	146	245522	40.158	ng	99
15) Benzyl Alcohol	7.028	79	194876	41.003	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	310821	36.773	ng	99
17) 2-Methylphenol	7.134	107	185059	40.556	ng	100
18) Hexachloroethane	7.404	117	86304	42.823	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	157675	39.587	ng	98
20) 3+4-Methylphenols	7.293	107	238463	41.515	ng	# 88
22) Acetophenone	7.304	105	307883	40.165	ng	# 94
24) Nitrobenzene	7.475	77	231461	44.885	ng	98
25) Isophorone	7.716	82	437170	40.225	ng	98
26) 2-Nitrophenol	7.787	139	110248	49.068	ng	98
27) 2,4-Dimethylphenol	7.822	122	201823	42.653	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	264975	39.882	ng	100
29) 2,4-Dichlorophenol	8.022	162	201953	43.495	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	208629	41.230	ng	99
31) Naphthalene	8.198	128	666324	40.188	ng	99
32) Benzoic acid	7.922	122	123925	43.843	ng	95
33) 4-Chloroaniline	8.240	127	237307	41.336	ng	99
34) Hexachlorobutadiene	8.310	225	137891	41.893	ng	97
35) Caprolactam	8.622	113	64977	52.220	ng	# 87
36) 4-Chloro-3-methylphenol	8.716	107	208671	42.918	ng	99
37) 2-Methylnaphthalene	8.887	142	453673	40.453	ng	100
38) 1-Methylnaphthalene	8.987	142	438704	40.915	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	219434	40.778	ng	98
41) Hexachlorocyclopentadiene	9.039	237	119365	45.680	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	148650	44.837	ng	98

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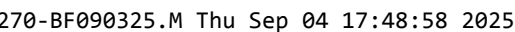
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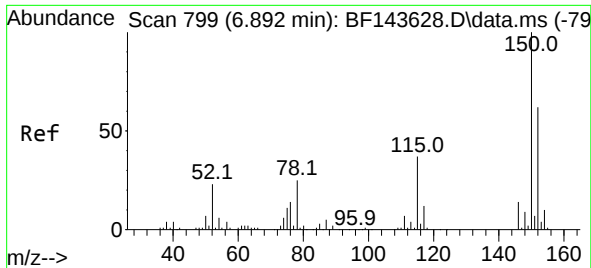
Quant Time: Sep 04 17:47:25 2025
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 QLast Update : Wed Sep 03 18:35:49 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	153335	44.799	ng	97
46) 1,1'-Biphenyl	9.351	154	553468	39.968	ng	99
47) 2-Chloronaphthalene	9.375	162	439546	40.560	ng	99
48) 2-Nitroaniline	9.469	65	127251	43.598	ng	94
49) Acenaphthylene	9.786	152	627328	40.167	ng	100
50) Dimethylphthalate	9.645	163	513867	41.679	ng	99
51) 2,6-Dinitrotoluene	9.710	165	100834	45.213	ng	97
52) Acenaphthene	9.963	154	426876	40.861	ng	99
53) 3-Nitroaniline	9.875	138	108906	44.085	ng	99
54) 2,4-Dinitrophenol	9.975	184	42542	50.912	ng	86
55) Dibenzofuran	10.134	168	615036	40.522	ng	99
56) 4-Nitrophenol	10.022	139	92515	50.610	ng	96
57) 2,4-Dinitrotoluene	10.110	165	138269	45.754	ng	96
58) Fluorene	10.475	166	472025	40.207	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	126695	48.741	ng	99
60) Diethylphthalate	10.351	149	494274	42.229	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	240070	40.981	ng	100
62) 4-Nitroaniline	10.492	138	107310	44.541	ng	99
63) Azobenzene	10.628	77	443900	40.234	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	64192	47.588	ng	97
66) n-Nitrosodiphenylamine	10.586	169	411549	40.002	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	150949	40.832	ng	99
68) Hexachlorobenzene	11.022	284	157915	40.666	ng	100
69) Atrazine	11.110	200	138963	45.180	ng	100
70) Pentachlorophenol	11.210	266	103355	47.381	ng	100
71) Phenanthrene	11.439	178	696288	40.397	ng	100
72) Anthracene	11.492	178	700521	40.524	ng	100
73) Carbazole	11.639	167	602426	41.345	ng	100
74) Di-n-butylphthalate	11.975	149	740120	45.239	ng	100
75) Fluoranthene	12.627	202	656039	41.443	ng	100
77) Benzidine	12.745	184	196260	44.840	ng	99
78) Pyrene	12.857	202	663005	42.000	ng	100
80) Butylbenzylphthalate	13.469	149	217253	43.529	ng	98
81) Benzo(a)anthracene	14.039	228	495088	39.955	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	146614	43.405	ng	100
83) Chrysene	14.074	228	470025	42.198	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	290882	41.602	ng	100
85) Di-n-octyl phthalate	14.645	149	509293	44.871	ng	98
87) Indeno(1,2,3-cd)pyrene	17.021	276	572325	42.111	ng	99
88) Benzo(b)fluoranthene	15.092	252	437489	37.247	ng	100
89) Benzo(k)fluoranthene	15.121	252	456888	44.979	ng	98
90) Benzo(a)pyrene	15.463	252	423011	41.897	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	471709	42.198	ng	99
92) Benzo(g,h,i)perylene	17.474	276	448060	41.609	ng	99

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

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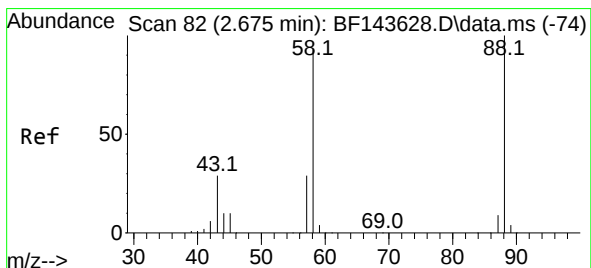
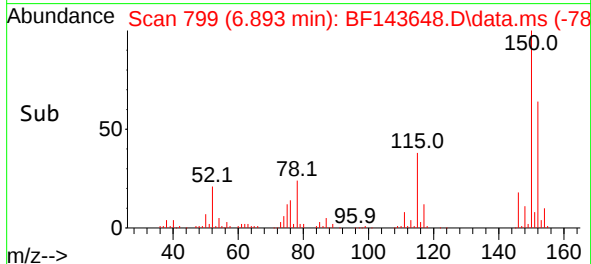
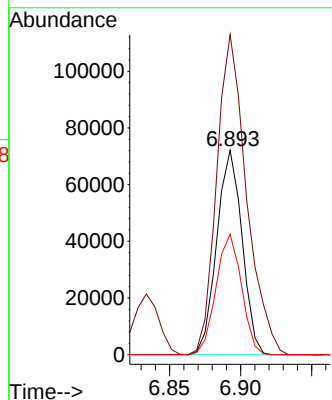
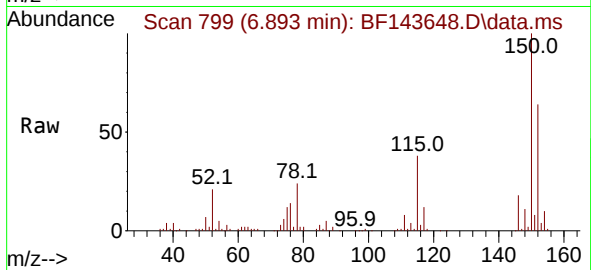




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 79
 Delta R.T. 0.001 min
 Lab File: BF143648.D
 Acq: 04 Sep 2025 17:11

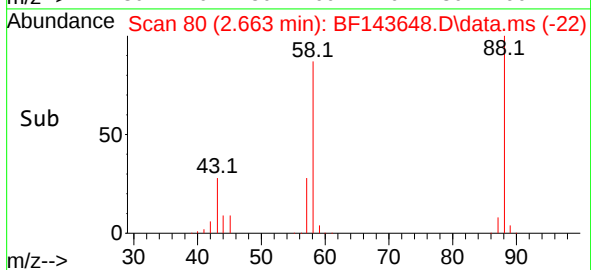
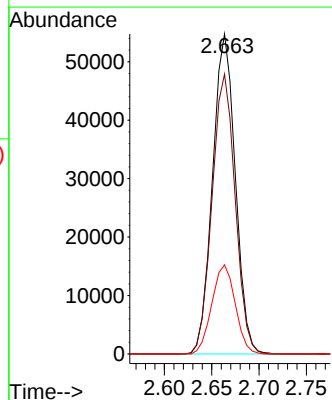
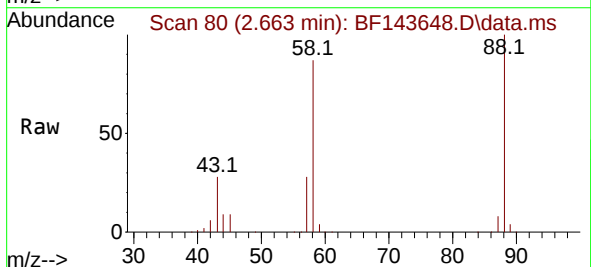
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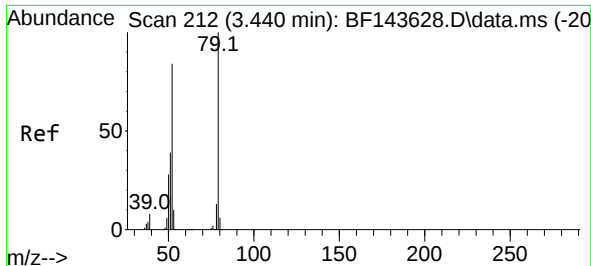
Tgt Ion:152 Resp: 89277
 Ion Ratio Lower Upper
 152 100
 150 156.6 128.4 192.6
 115 58.9 47.9 71.9



#2
 1,4-Dioxane
 Concen: 38.506 ng
 RT: 2.663 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BF143648.D
 Acq: 04 Sep 2025 17:11

Tgt Ion: 88 Resp: 91554
 Ion Ratio Lower Upper
 88 100
 58 88.8 73.9 110.9
 43 28.6 23.4 35.2

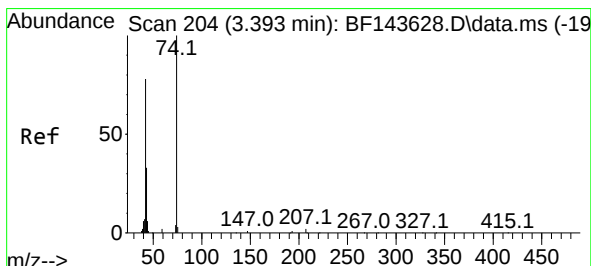
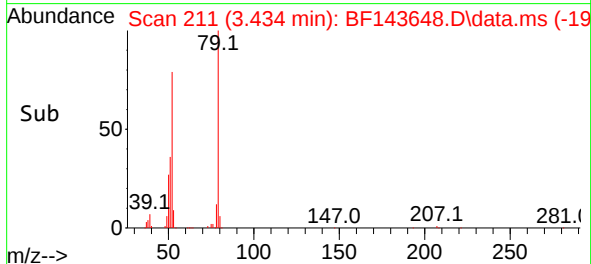
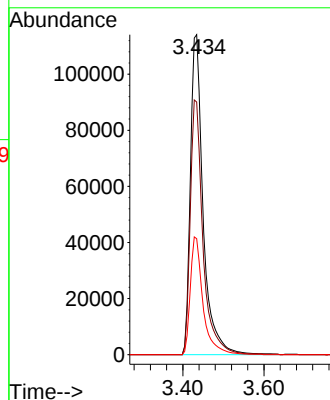
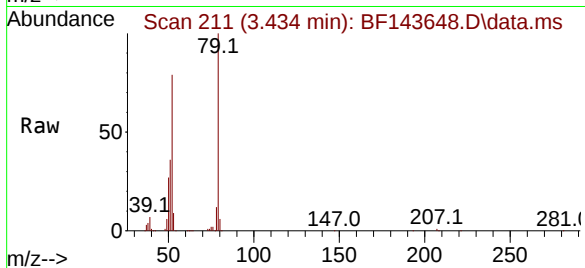




#3
 Pyridine
 Concen: 39.568 ng
 RT: 3.434 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: BF143648.D
 Acq: 04 Sep 2025 17:11

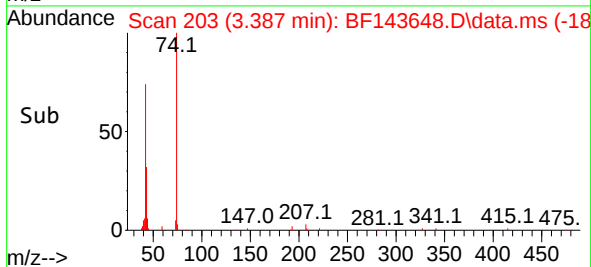
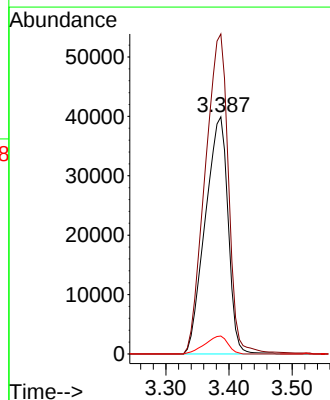
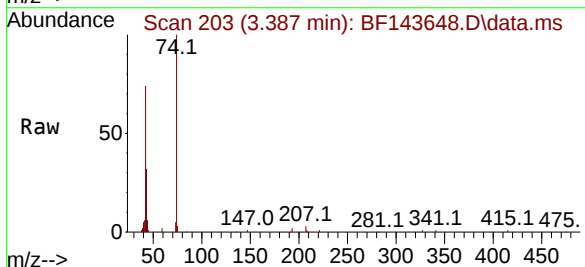
Instrument :
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 ClientSampleId :
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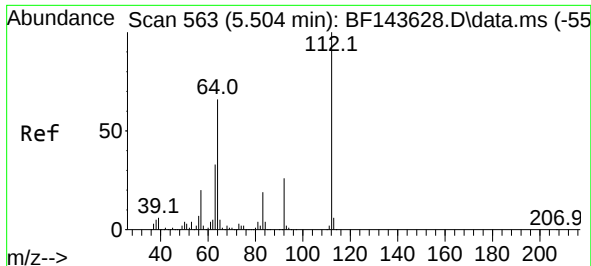
Tgt Ion: 79 Resp: 249252
 Ion Ratio Lower Upper
 79 100
 52 79.0 67.4 101.2
 51 36.2 31.0 46.6



#4
 n-Nitrosodimethylamine
 Concen: 38.318 ng
 RT: 3.387 min Scan# 203
 Delta R.T. -0.006 min
 Lab File: BF143648.D
 Acq: 04 Sep 2025 17:11

Tgt Ion: 42 Resp: 100251
 Ion Ratio Lower Upper
 42 100
 74 135.0 102.9 154.3
 44 7.6 6.5 9.7

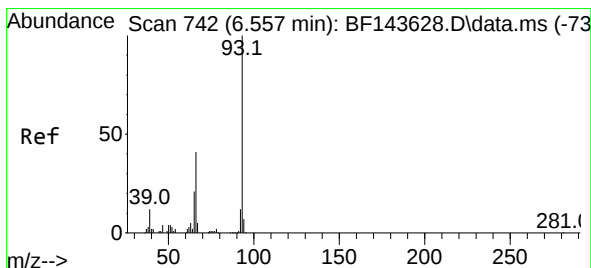
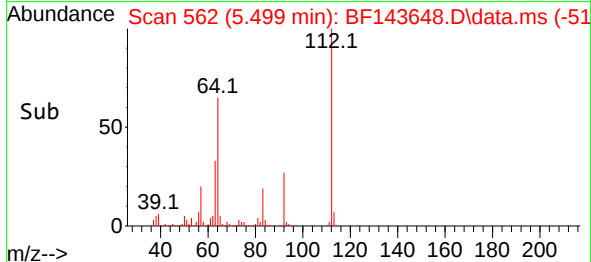
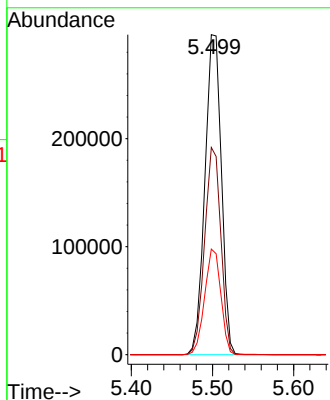
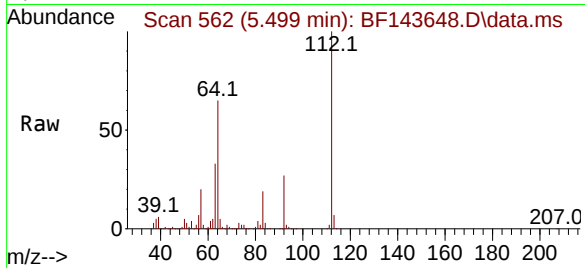




#5
2-Fluorophenol
Concen: 82.823 ng
RT: 5.499 min Scan# 501
Delta R.T. -0.006 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

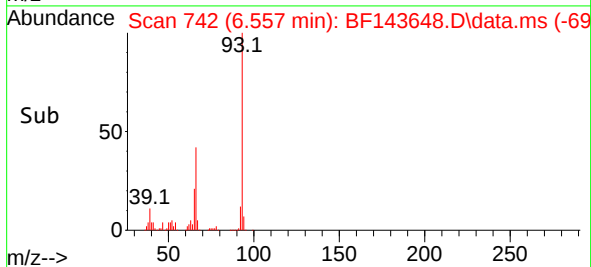
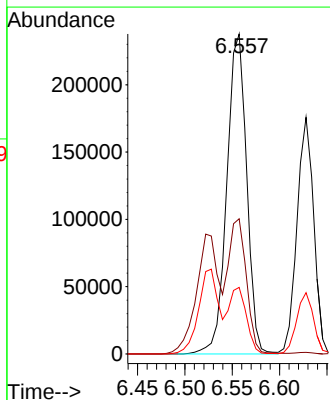
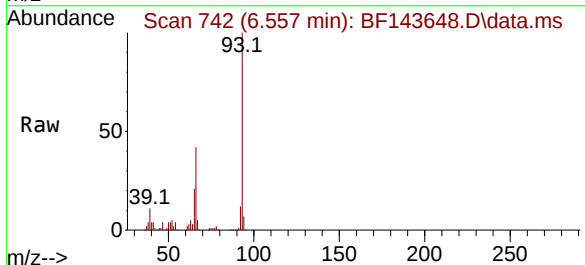
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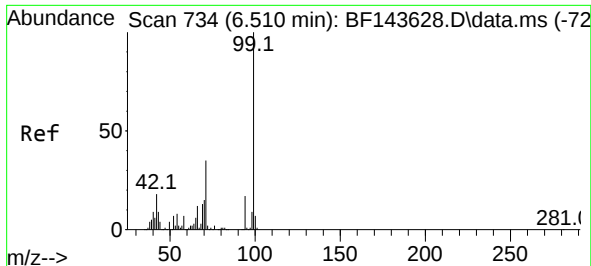
Tgt Ion:112 Resp: 417383
Ion Ratio Lower Upper
112 100
64 64.7 52.7 79.1
63 33.0 26.5 39.7



#6
Aniline
Concen: 39.736 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion: 93 Resp: 345950
Ion Ratio Lower Upper
93 100
66 42.3 34.6 51.8
65 20.8 16.9 25.3

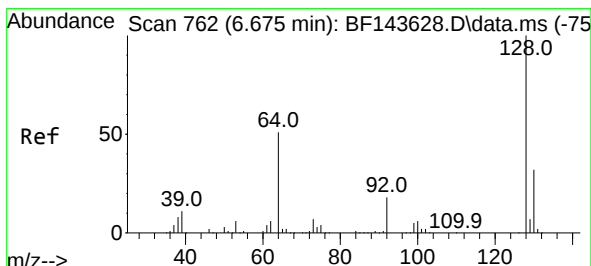
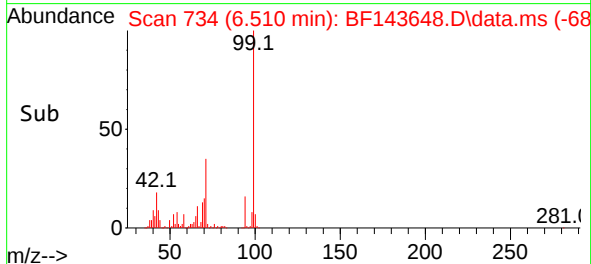
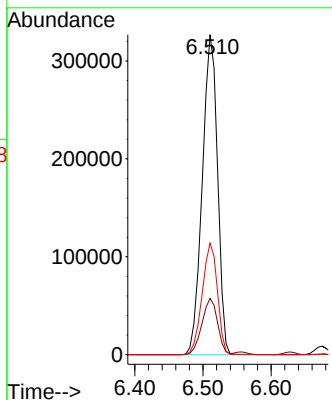
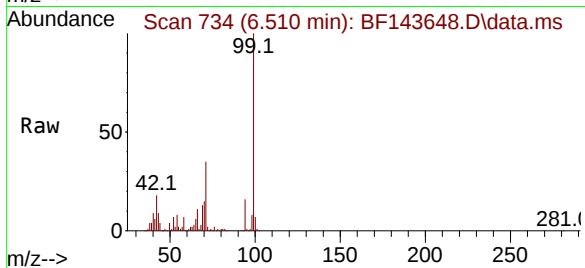




#7
Phenol-d6
Concen: 81.217 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

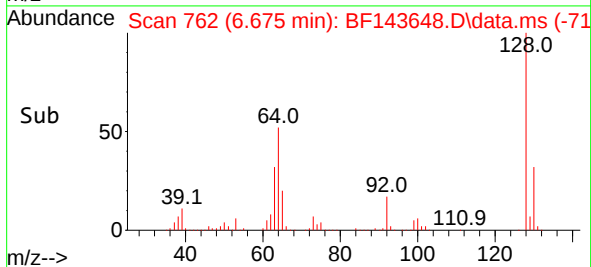
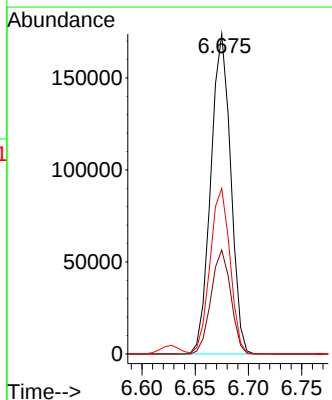
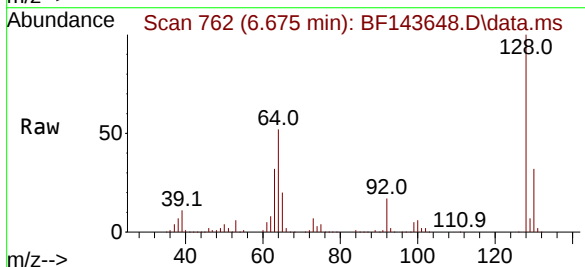
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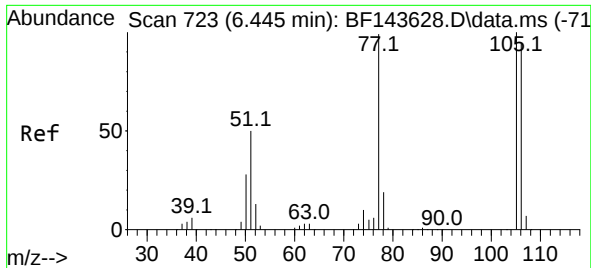
Tgt Ion: 99 Resp: 507988
Ion Ratio Lower Upper
99 100
42 17.6 14.6 22.0
71 34.9 28.0 42.0



#8
2-Chlorophenol
Concen: 43.255 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion: 128 Resp: 225744
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 51.8 32.9 72.9





#9

Benzaldehyde

Concen: 37.925 ng

RT: 6.446 min Scan# 71

Delta R.T. 0.001 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

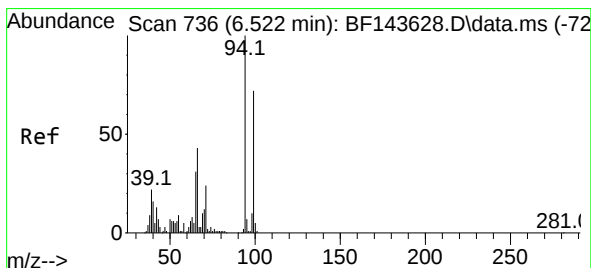
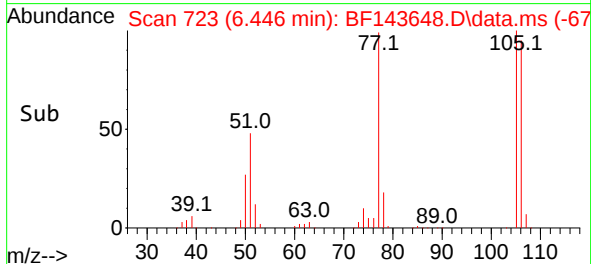
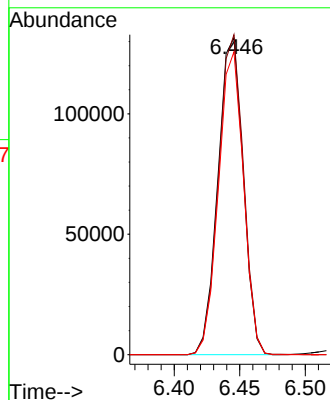
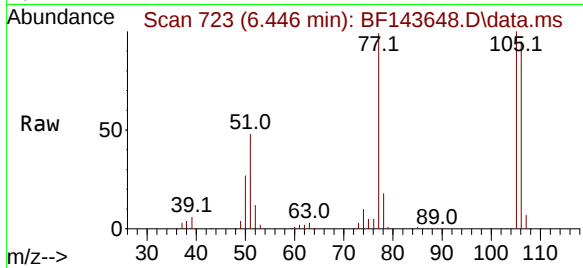
Tgt Ion: 77 Resp: 176247

Ion Ratio Lower Upper

77 100

105 101.0 80.9 120.9

106 95.6 75.1 115.1



#10

Phenol

Concen: 43.474 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.006 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

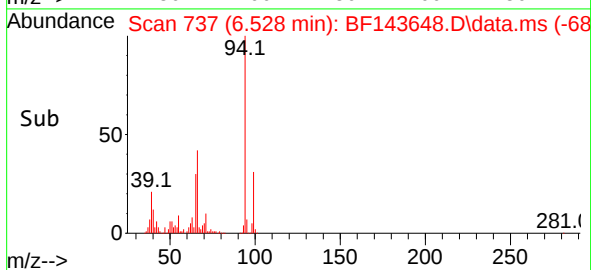
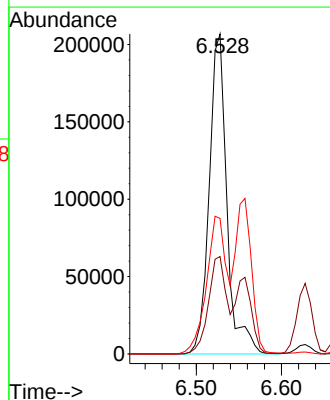
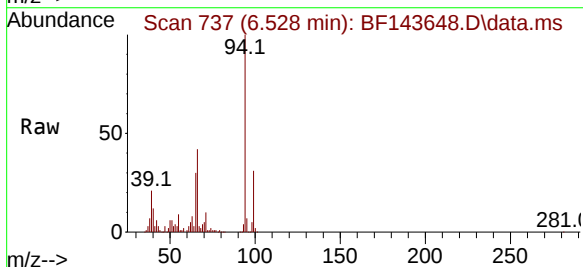
Tgt Ion: 94 Resp: 298121

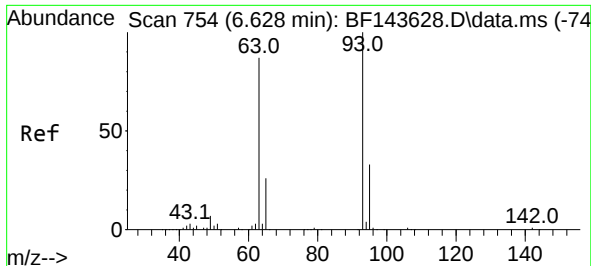
Ion Ratio Lower Upper

94 100

65 30.5 11.4 51.4

66 42.4 23.7 63.7

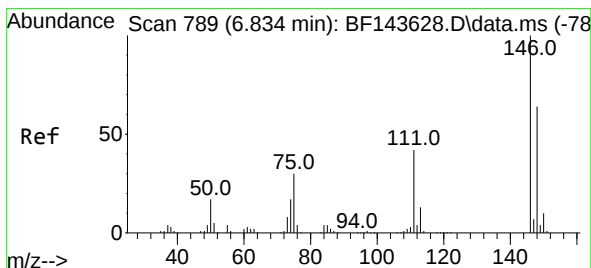
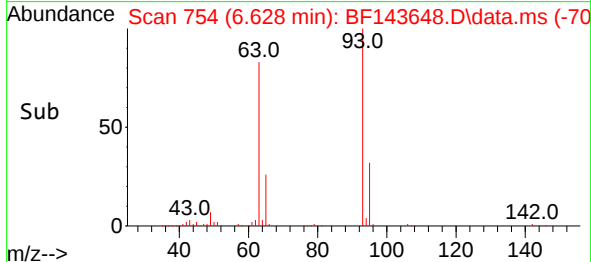
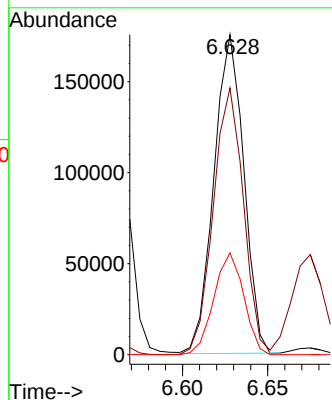
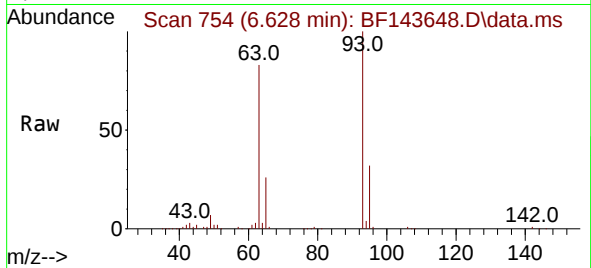




#11
bis(2-Chloroethyl)ether
Concen: 39.746 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

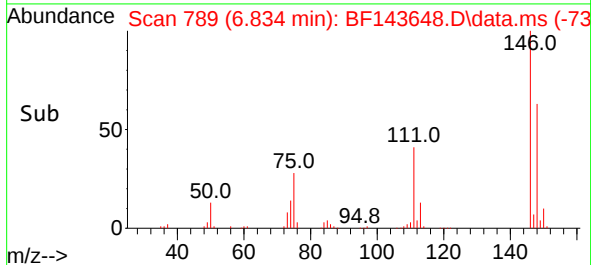
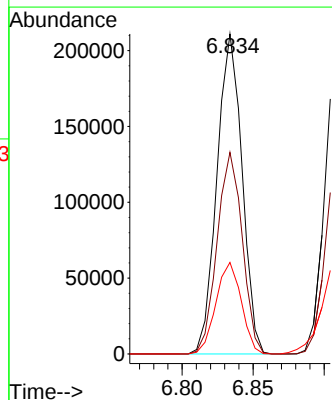
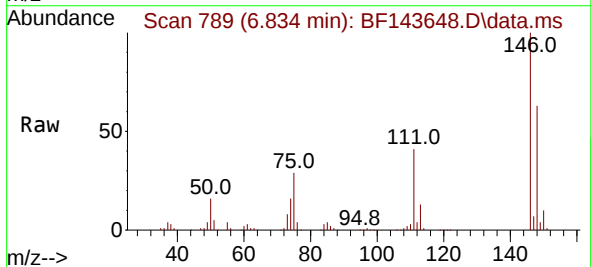
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

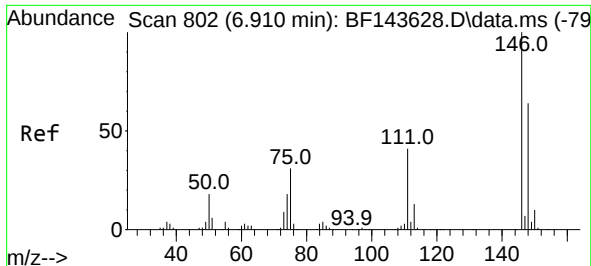
Tgt Ion: 93 Resp: 213457
Ion Ratio Lower Upper
93 100
63 83.4 66.5 106.5
95 31.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.247 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion:146 Resp: 259225
Ion Ratio Lower Upper
146 100
148 63.0 50.9 76.3
75 28.6 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 39.960 ng

RT: 6.910 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

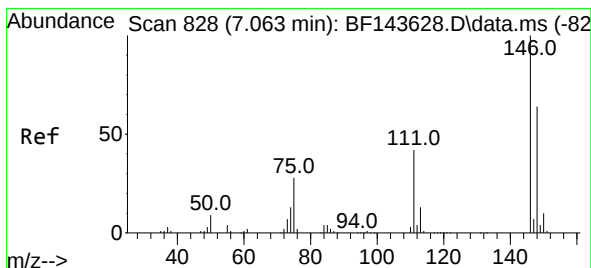
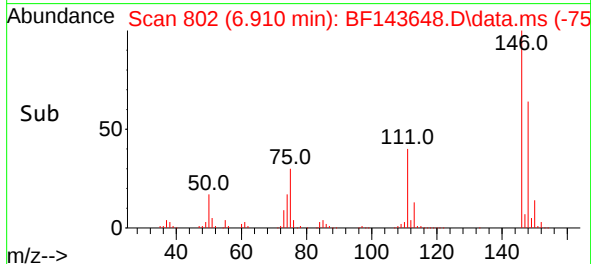
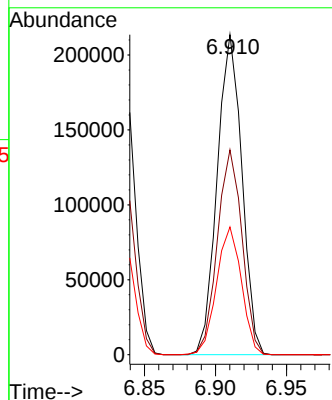
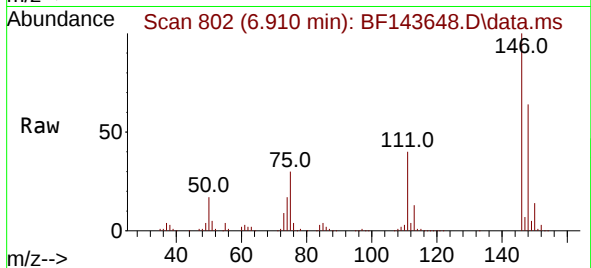
Tgt Ion:146 Resp: 258144

Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.2

111 39.9 33.1 49.7



#14

1,2-Dichlorobenzene

Concen: 40.158 ng

RT: 7.063 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

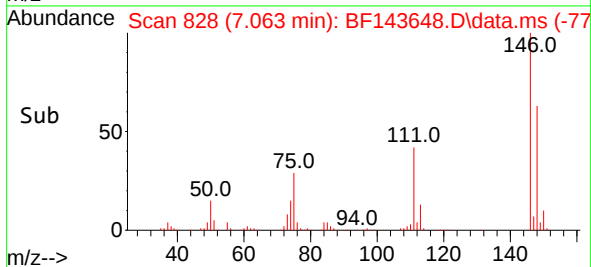
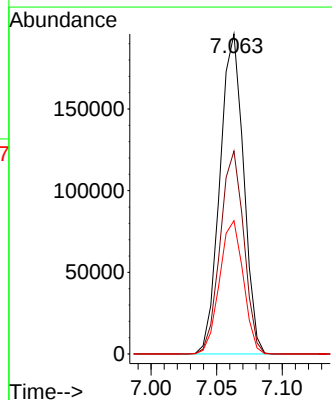
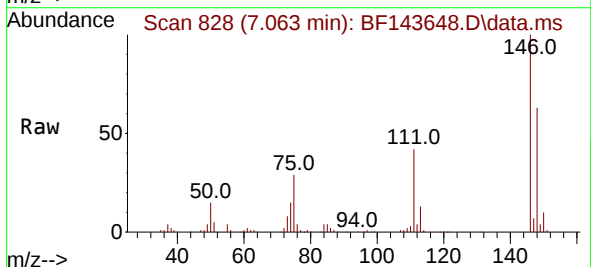
Tgt Ion:146 Resp: 245522

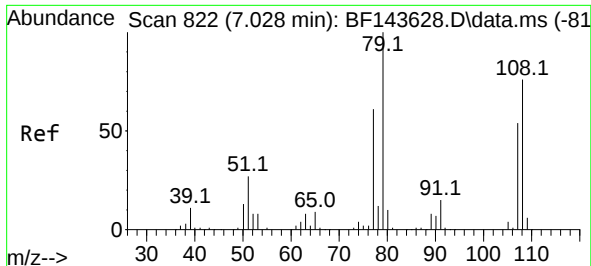
Ion Ratio Lower Upper

146 100

148 63.4 51.2 76.8

111 41.6 33.9 50.9



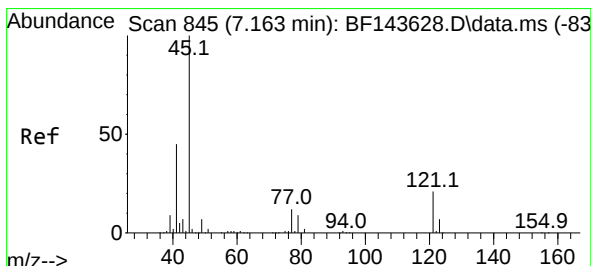
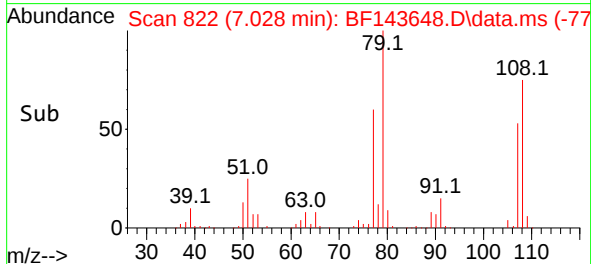
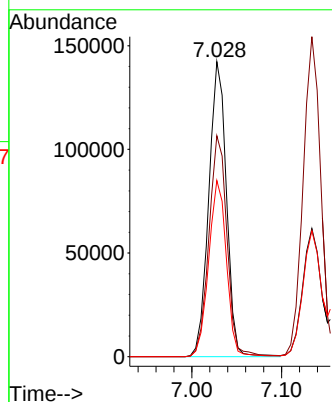
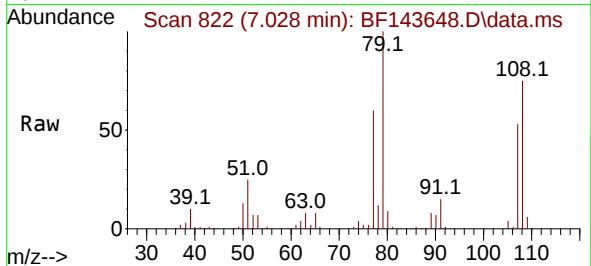


#15
Benzyl Alcohol
Concen: 41.003 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 194876

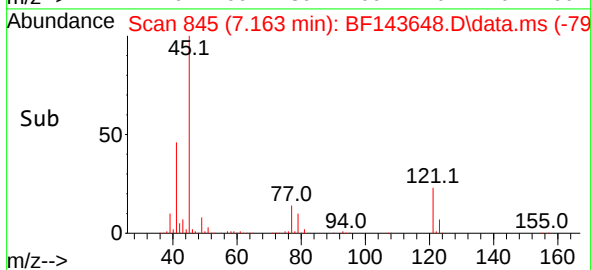
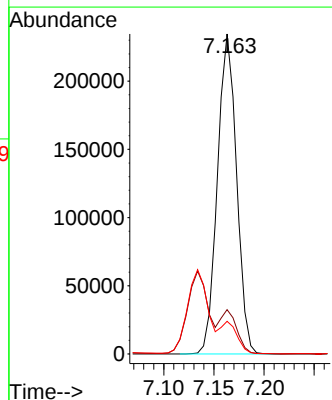
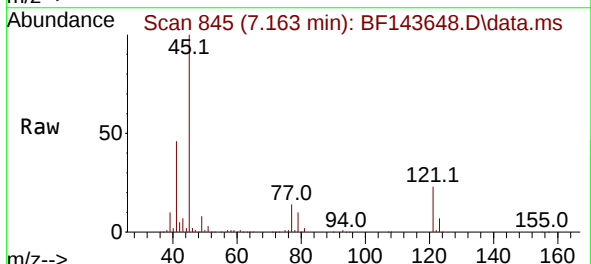
Ion	Ratio	Lower	Upper
79	100		
108	74.9	60.9	91.3
77	59.7	48.4	72.6

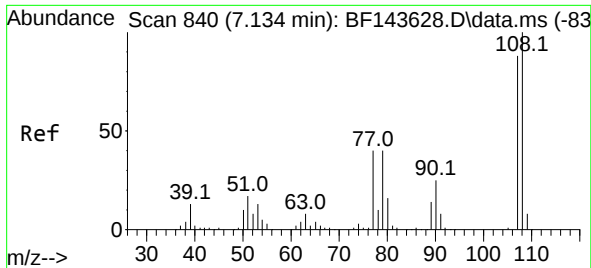


#16
2,2'-oxybis(1-chloropropane)
Concen: 36.773 ng
RT: 7.163 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion: 45 Resp: 310821

Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	33.5
79	10.2	0.0	29.8

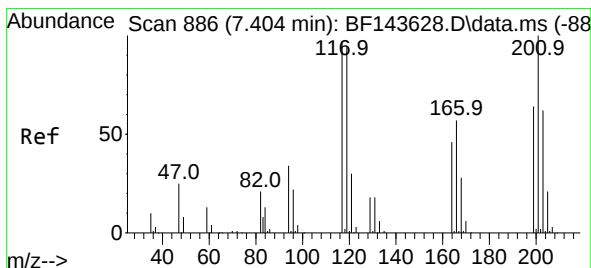
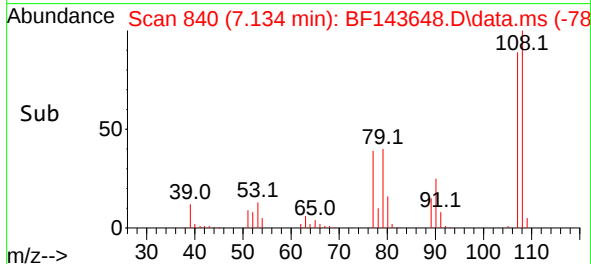
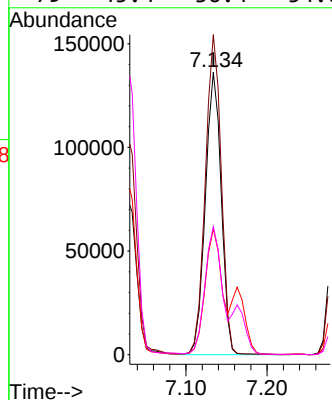
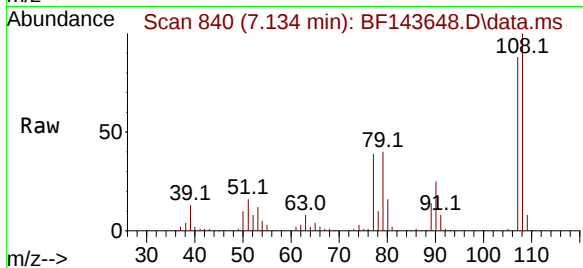




#17
2-Methylphenol
Concen: 40.556 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

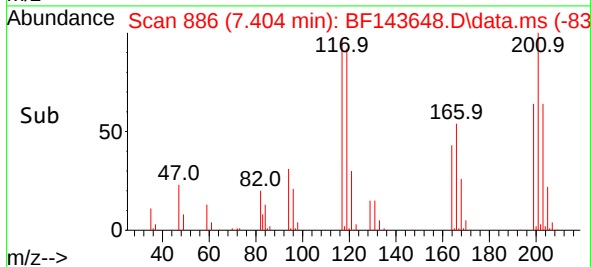
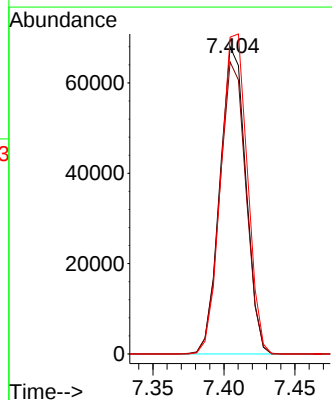
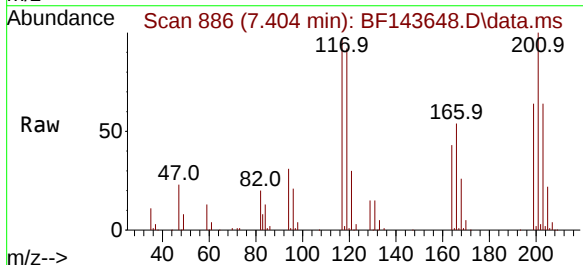
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

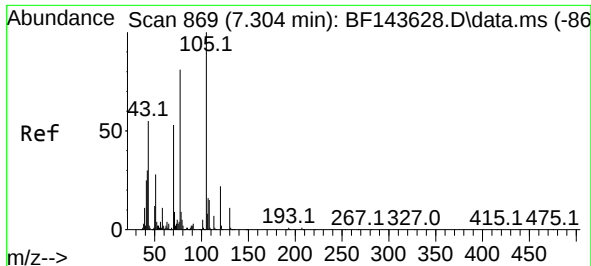
Tgt Ion:	107	Resp:	185059
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.5	135.7
77	44.6	35.9	53.9
79	45.4	36.4	54.6



#18
Hexachloroethane
Concen: 42.823 ng
RT: 7.404 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion:	117	Resp:	86304
Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.7	116.5
201	103.1	82.7	124.1





#19

n-Nitroso-di-n-propylamine

Concen: 39.587 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.000 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 157675

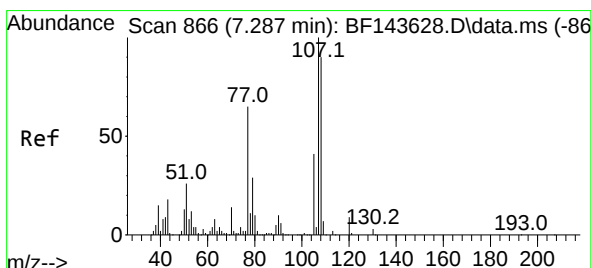
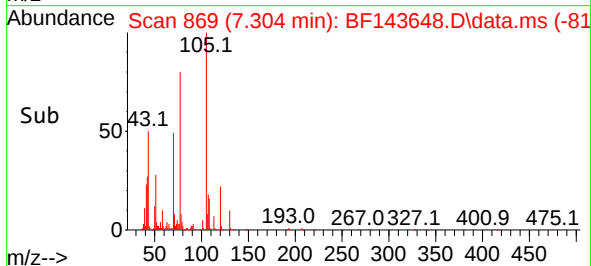
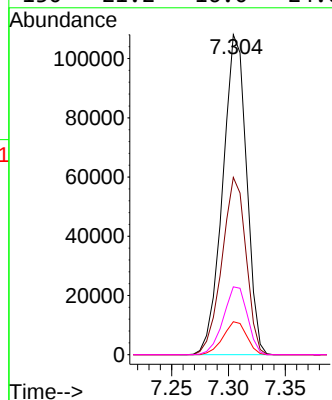
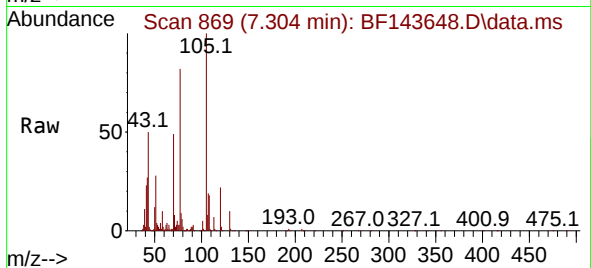
Ion Ratio Lower Upper

70 100

42 55.4 45.2 67.8

101 10.3 7.6 11.4

130 21.2 16.0 24.0



#20

3+4-Methylphenols

Concen: 41.515 ng

RT: 7.293 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

Tgt Ion: 107 Resp: 238463

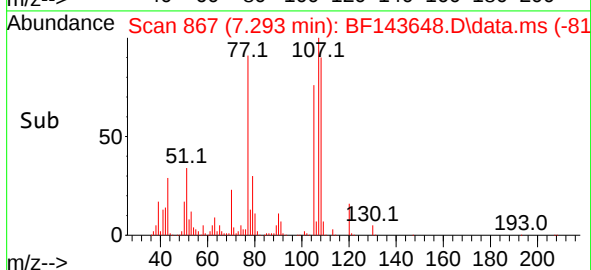
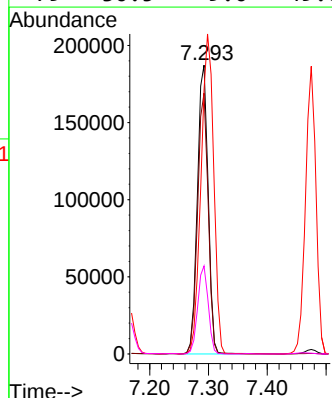
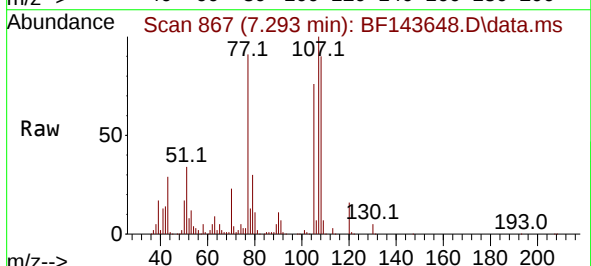
Ion Ratio Lower Upper

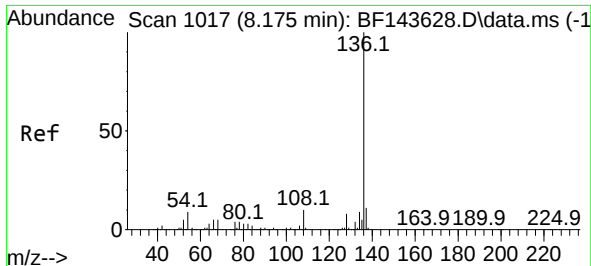
107 100

108 90.3 69.6 109.6

77 91.5 45.5 85.5

79 30.5 9.0 49.0



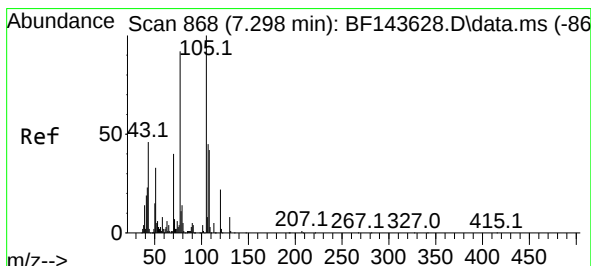
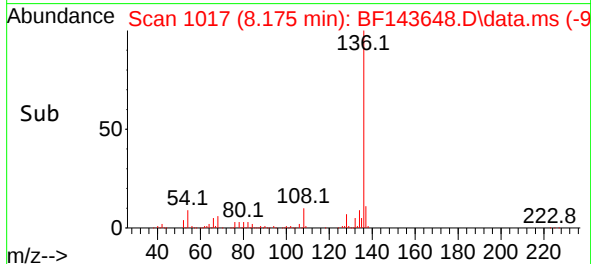
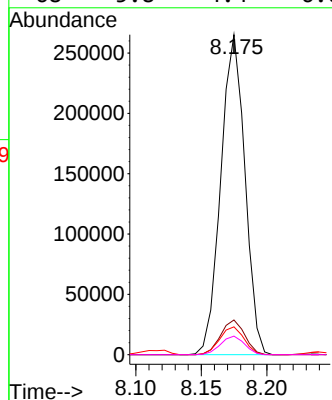
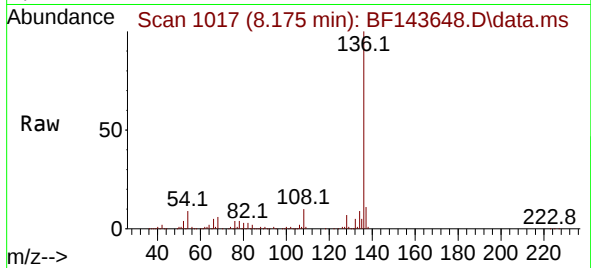


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:136 Resp: 338968

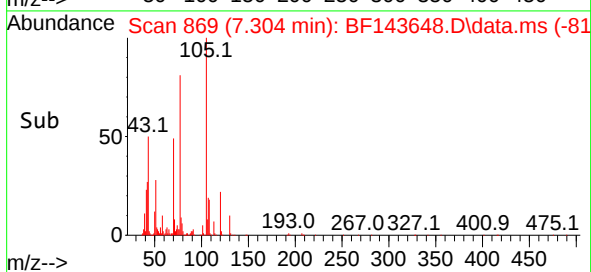
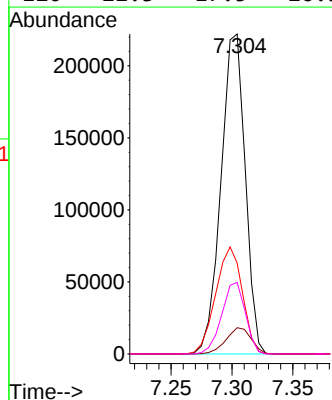
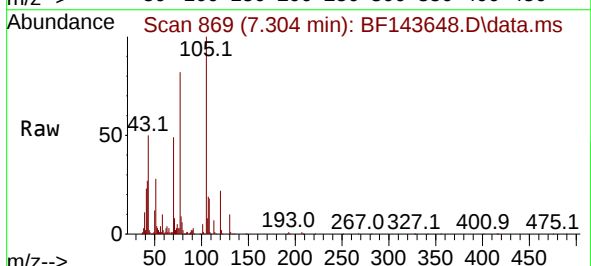
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	8.7	7.3	10.9
68	5.8	4.4	6.6

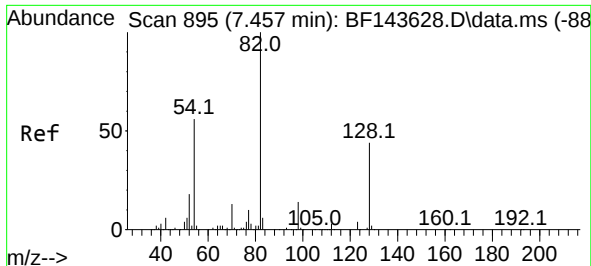


#22
Acetophenone
Concen: 40.165 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion:105 Resp: 307883

Ion	Ratio	Lower	Upper
105	100		
71	8.2	5.3	7.9#
51	28.4	26.7	40.1
120	22.3	17.5	26.3





#23

Nitrobenzene-d5

Concen: 94.192 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

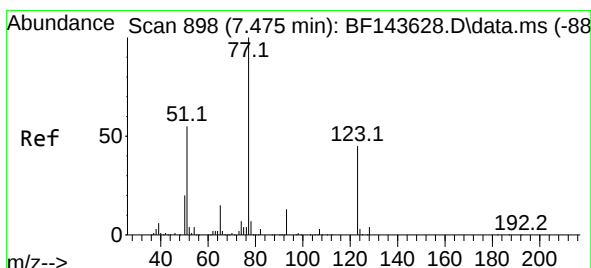
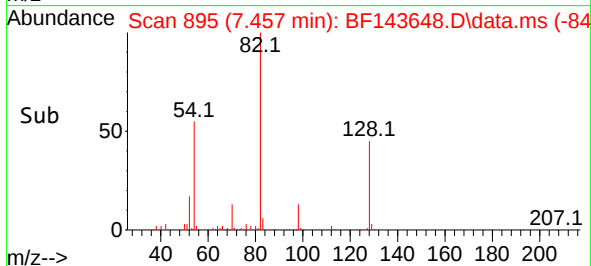
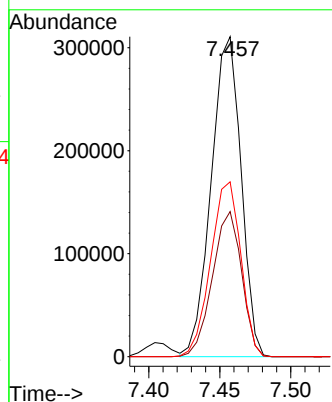
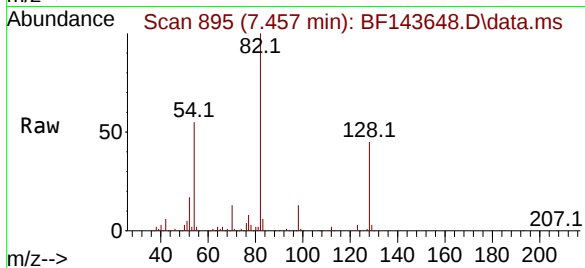
Tgt Ion: 82 Resp: 454276

Ion Ratio Lower Upper

82 100

128 45.3 34.7 52.1

54 54.6 44.8 67.2



#24

Nitrobenzene

Concen: 44.885 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

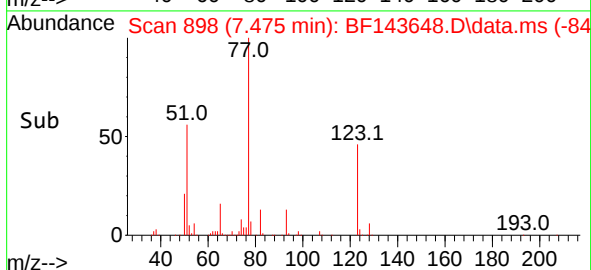
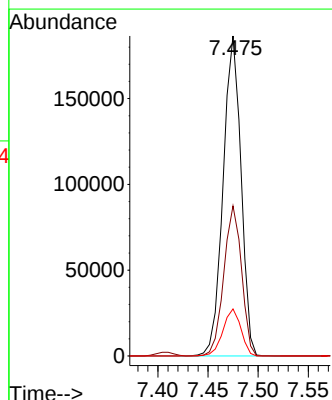
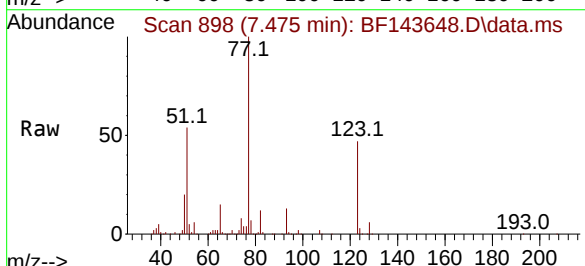
Tgt Ion: 77 Resp: 231461

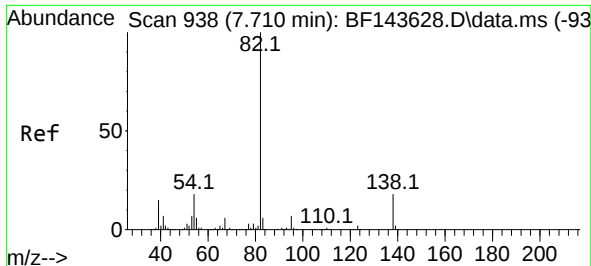
Ion Ratio Lower Upper

77 100

123 46.9 36.2 54.4

65 14.7 11.8 17.8

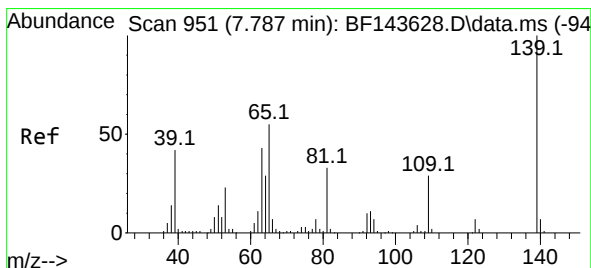
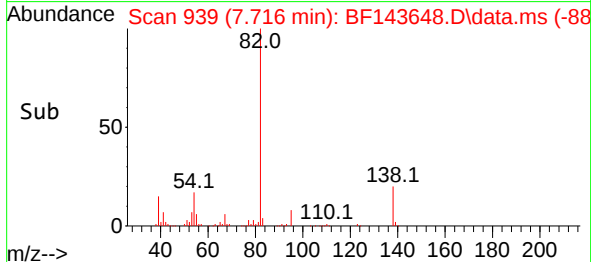
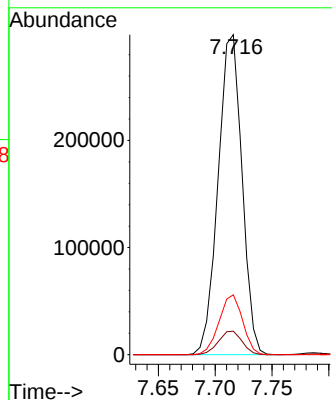
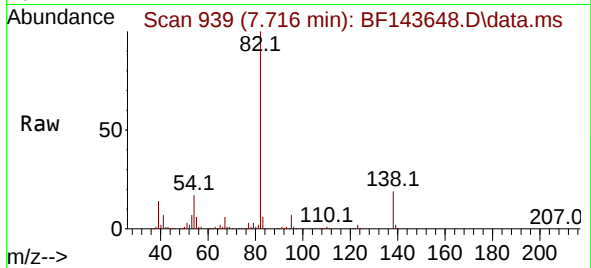




#25
Isophorone
Concen: 40.225 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

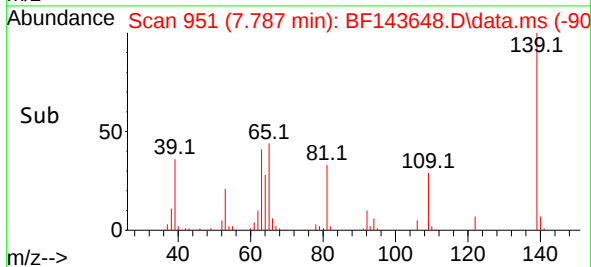
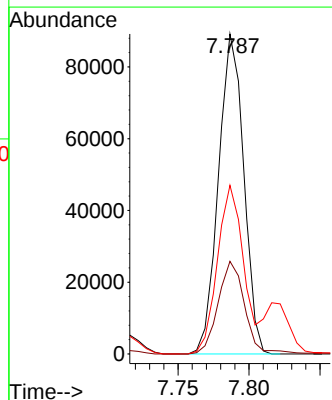
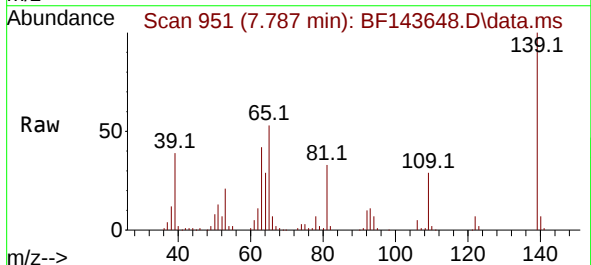
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

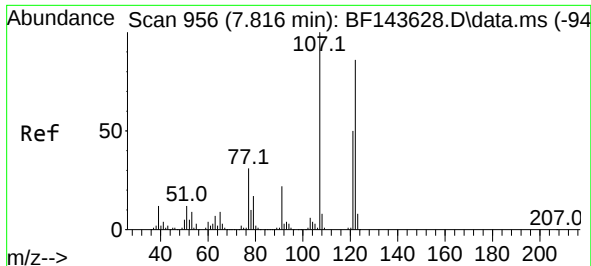
Tgt Ion: 82 Resp: 437170
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 18.7 14.2 21.2



#26
2-Nitrophenol
Concen: 49.068 ng
RT: 7.787 min Scan# 951
Delta R.T. -0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion:139 Resp: 110248
Ion Ratio Lower Upper
139 100
109 28.9 23.5 35.3
65 52.7 44.1 66.1





#27

2,4-Dimethylphenol

Concen: 42.653 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF143648.D

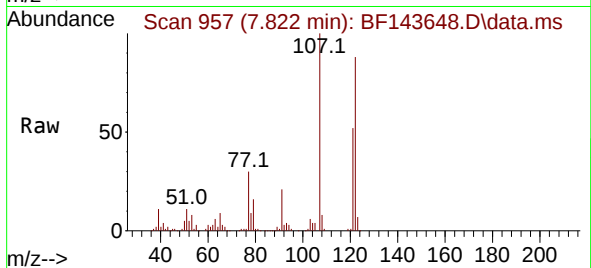
Acq: 04 Sep 2025 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



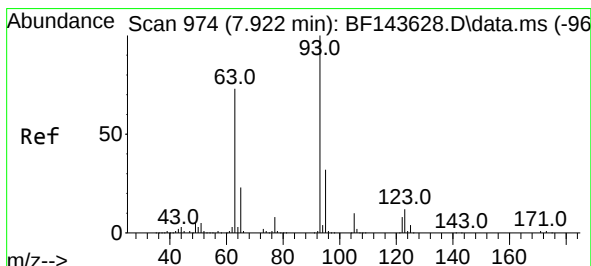
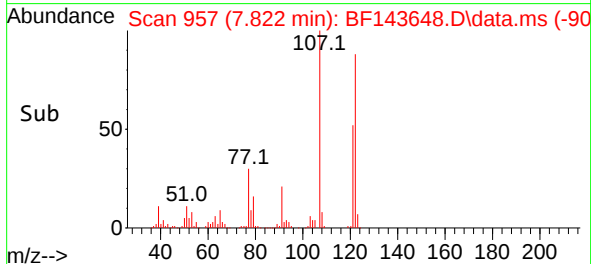
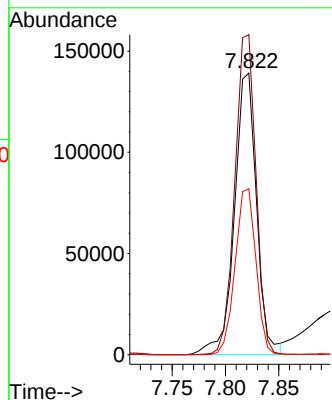
Tgt Ion:122 Resp: 201823

Ion Ratio Lower Upper

122 100

107 113.7 93.4 140.0

121 58.9 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.882 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.000 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

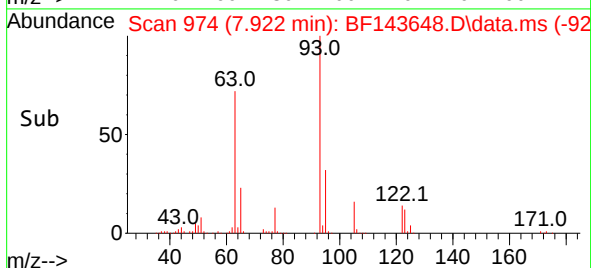
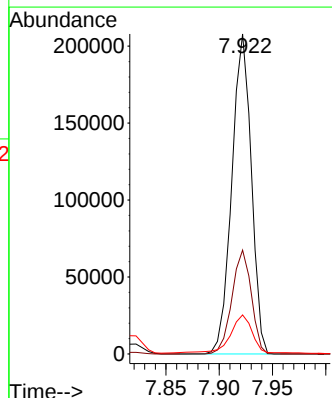
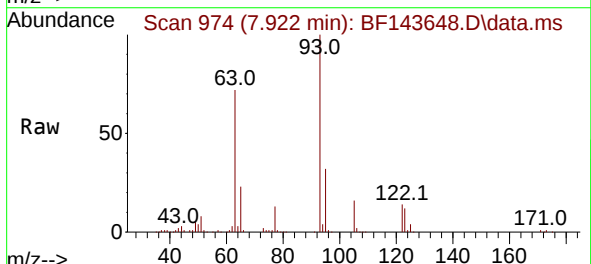
Tgt Ion: 93 Resp: 264975

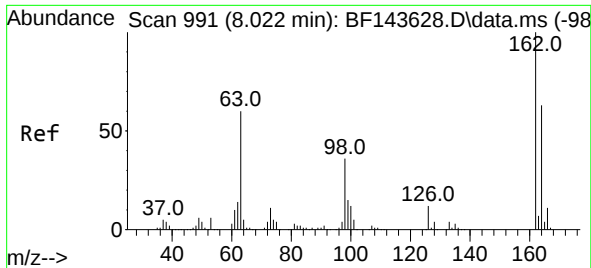
Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.8

123 12.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 43.495 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143648.D

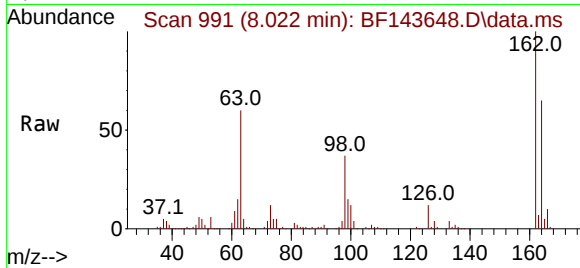
Acq: 04 Sep 2025 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



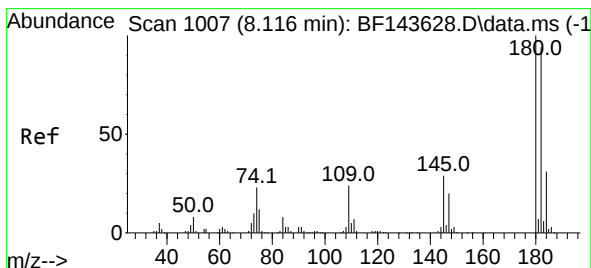
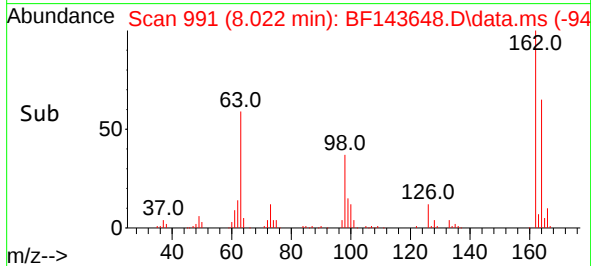
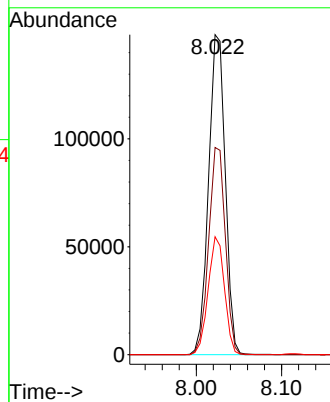
Tgt Ion:162 Resp: 201953

Ion Ratio Lower Upper

162 100

164 64.7 42.9 82.9

98 36.8 15.9 55.9



#30

1,2,4-Trichlorobenzene

Concen: 41.230 ng

RT: 8.116 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

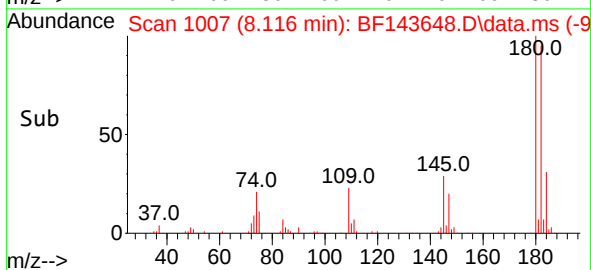
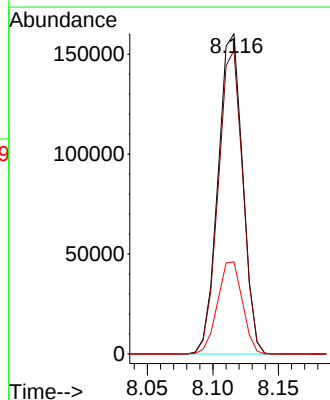
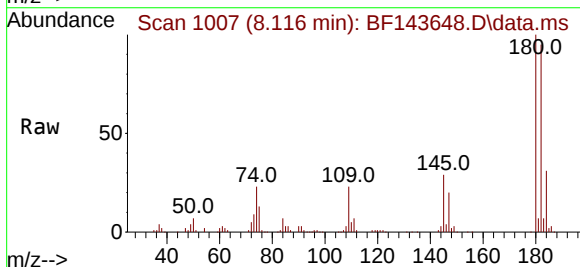
Tgt Ion:180 Resp: 208629

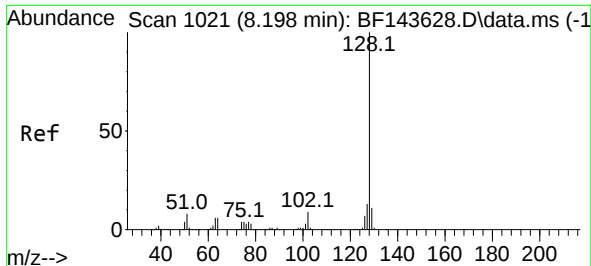
Ion Ratio Lower Upper

180 100

182 94.9 75.2 112.8

145 28.8 23.6 35.4

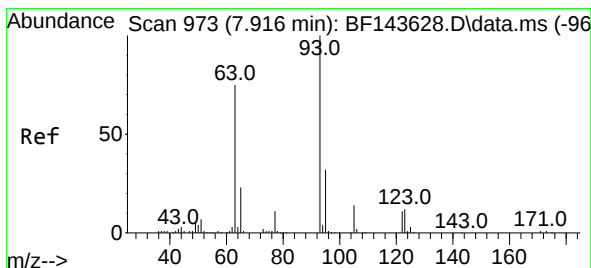
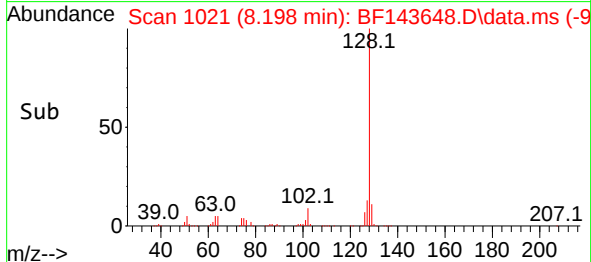
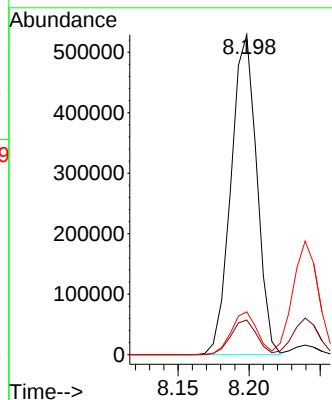
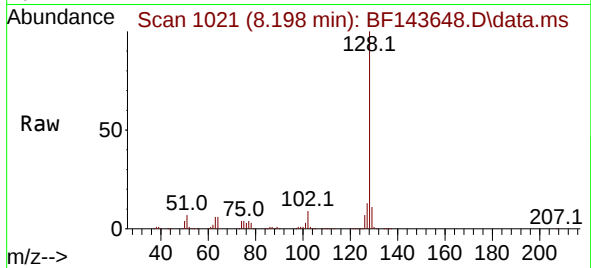




#31
Naphthalene
Concen: 40.188 ng
RT: 8.198 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

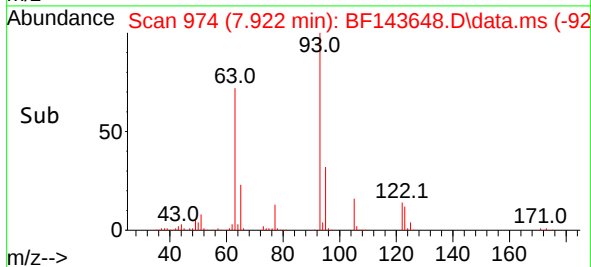
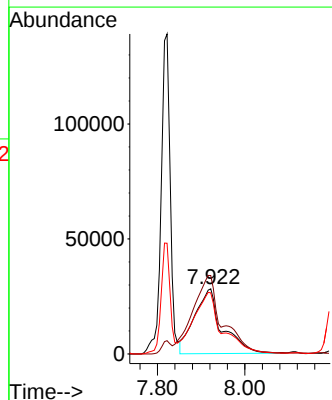
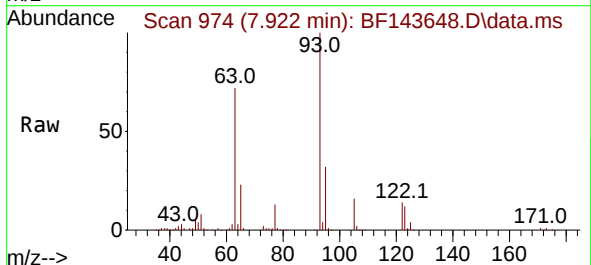
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

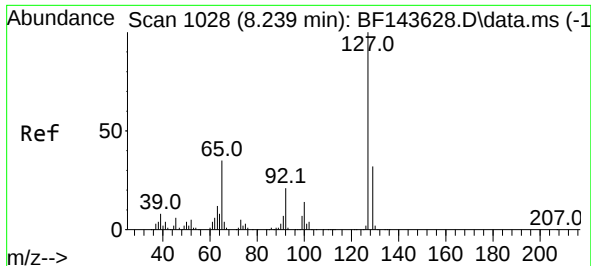
Tgt Ion:128 Resp: 666324
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 43.843 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion:122 Resp: 123925
Ion Ratio Lower Upper
122 100
105 120.2 105.9 145.9
77 93.8 78.6 118.6

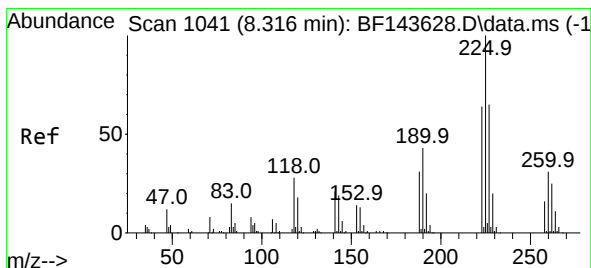
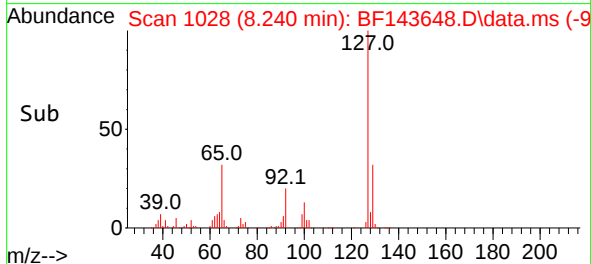
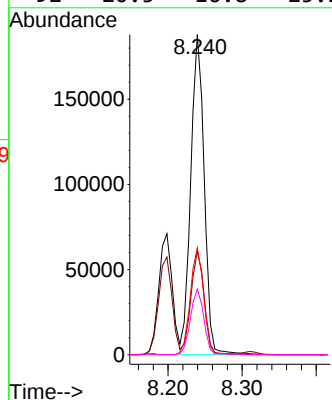
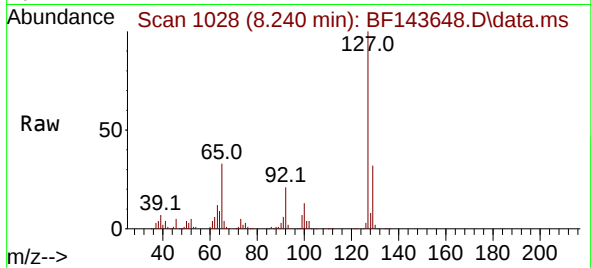




#33
4-Chloroaniline
Concen: 41.336 ng
RT: 8.240 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

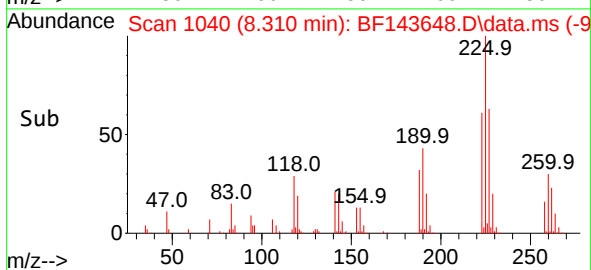
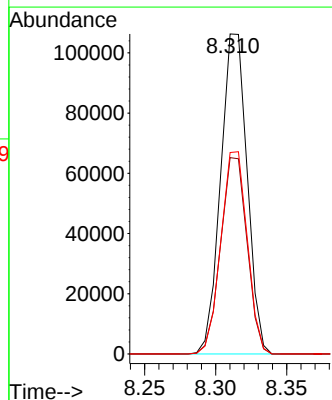
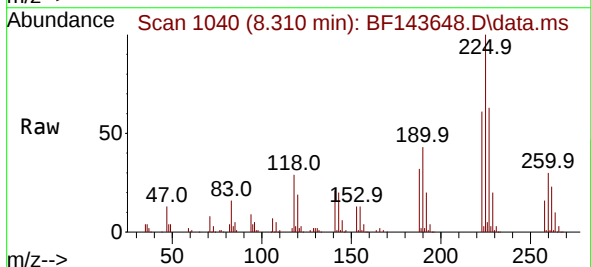
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

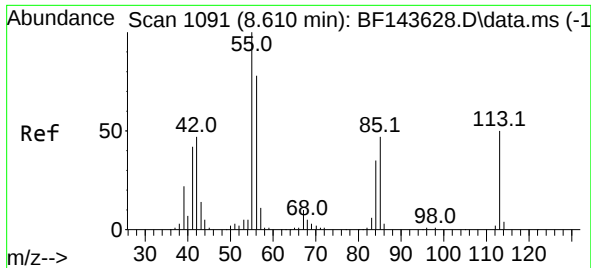
Tgt Ion:	127	Resp:	237307
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	33.4	27.6	41.4
92	20.5	16.8	25.2



#34
Hexachlorobutadiene
Concen: 41.893 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion:	225	Resp:	137891
Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.3	76.9
227	62.9	51.7	77.5

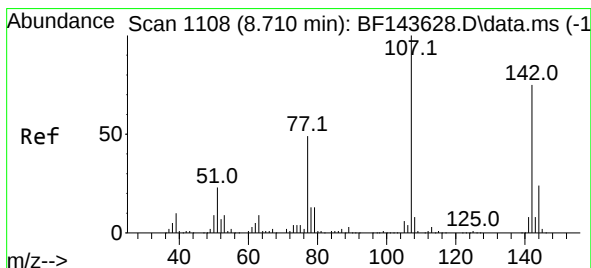
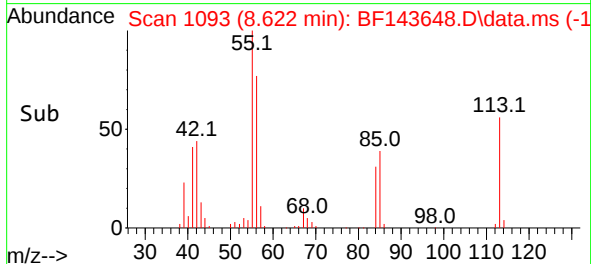
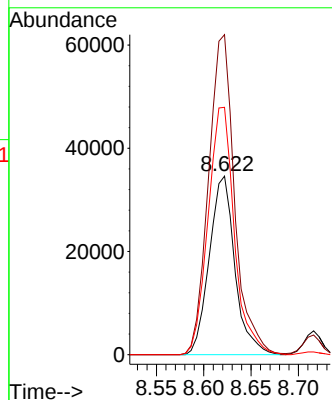
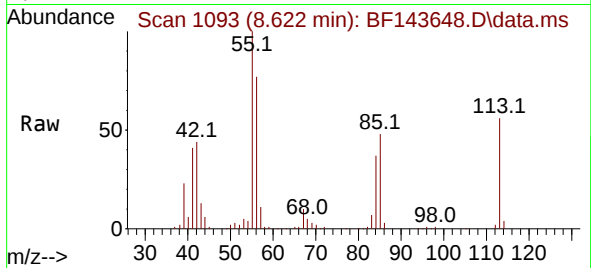




#35
 Caprolactam
 Concen: 52.220 ng
 RT: 8.622 min Scan# 1109
 Delta R.T. 0.012 min
 Lab File: BF143648.D
 Acq: 04 Sep 2025 17:11

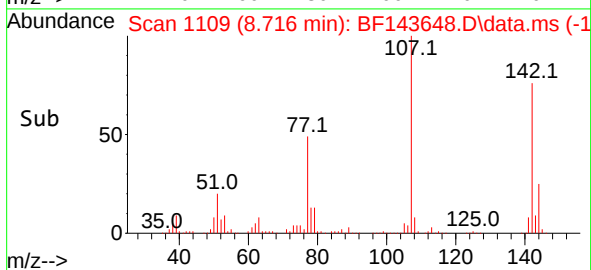
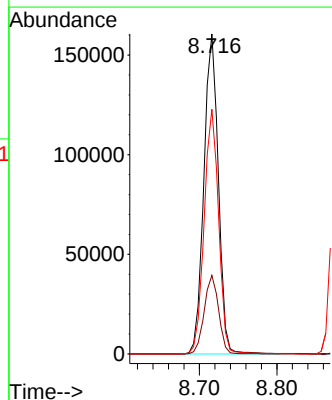
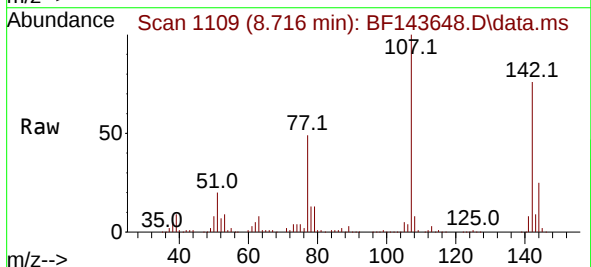
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

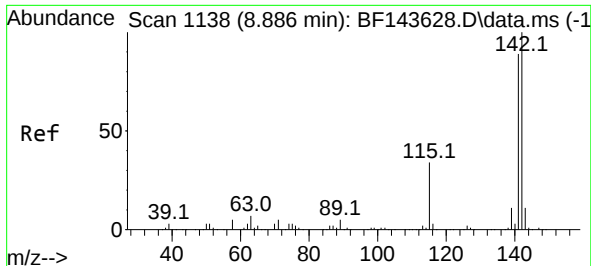
Tgt Ion:113 Resp: 64977
 Ion Ratio Lower Upper
 113 100
 55 179.2 180.5 220.5#
 56 138.6 134.8 174.8



#36
 4-Chloro-3-methylphenol
 Concen: 42.918 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF143648.D
 Acq: 04 Sep 2025 17:11

Tgt Ion:107 Resp: 208671
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.0 28.6
 142 76.4 60.3 90.5





#37

2-Methylnaphthalene

Concen: 40.453 ng

RT: 8.887 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

Instrument :

BNA_F

ClientSampleId :

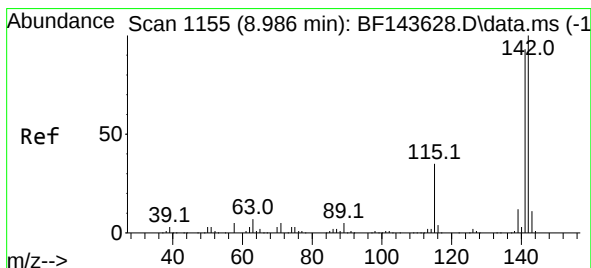
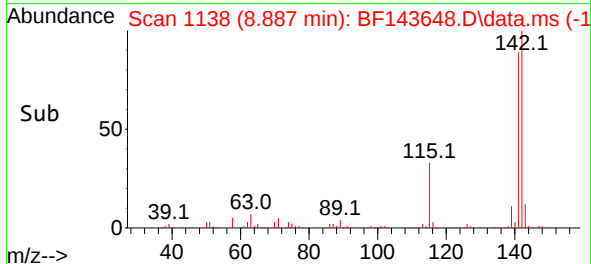
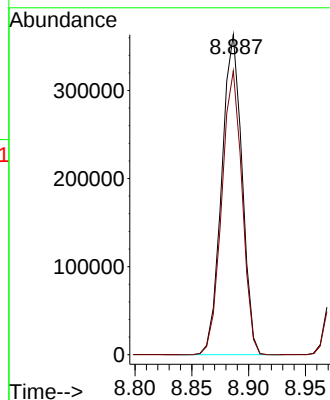
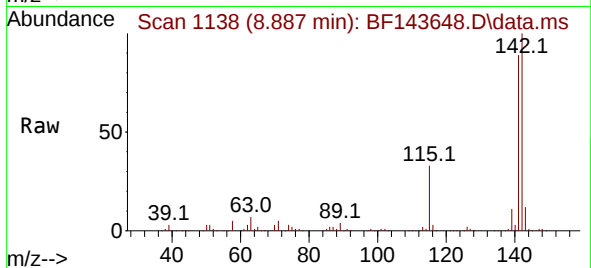
SSTDCCC040EC

Tgt Ion:142 Resp: 453673

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2



#38

1-Methylnaphthalene

Concen: 40.915 ng

RT: 8.987 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF143648.D

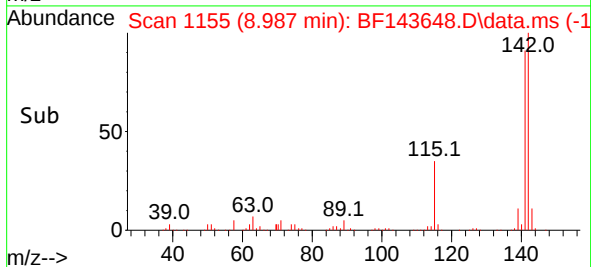
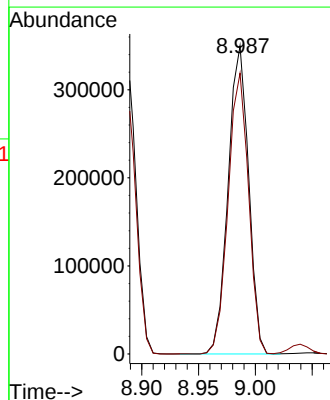
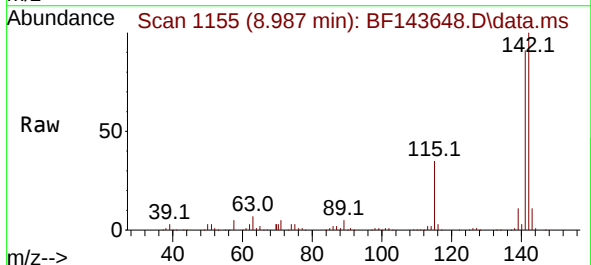
Acq: 04 Sep 2025 17:11

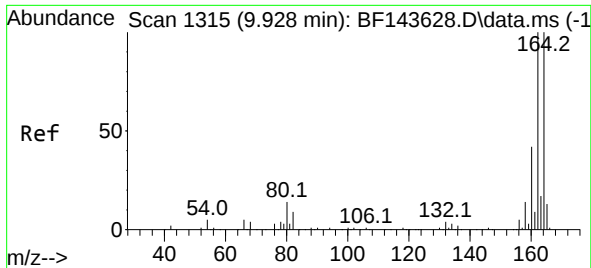
Tgt Ion:142 Resp: 438704

Ion Ratio Lower Upper

142 100

141 91.1 74.5 111.7

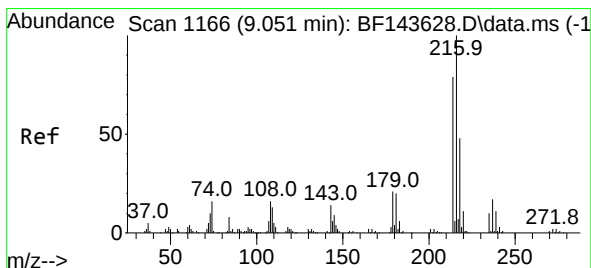
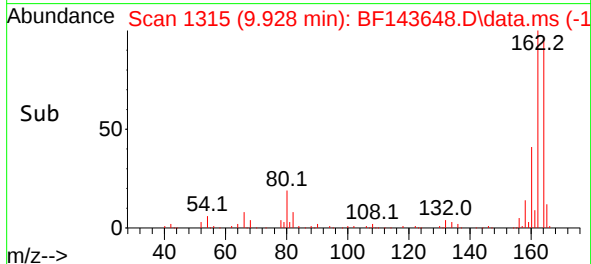
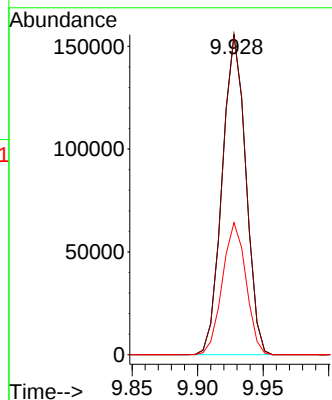
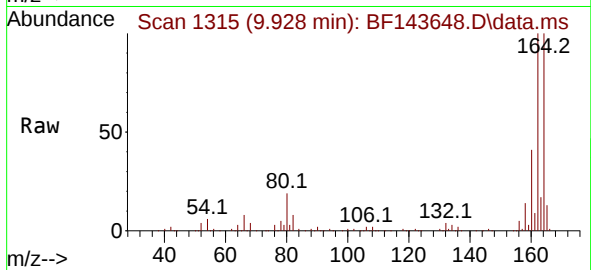




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

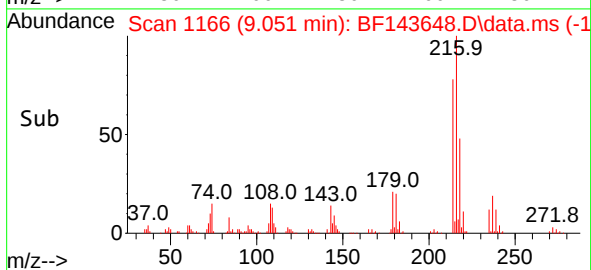
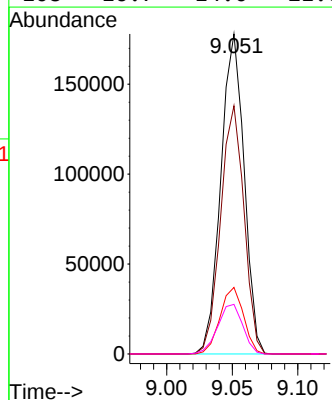
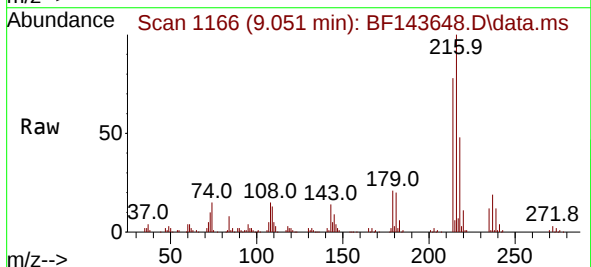
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

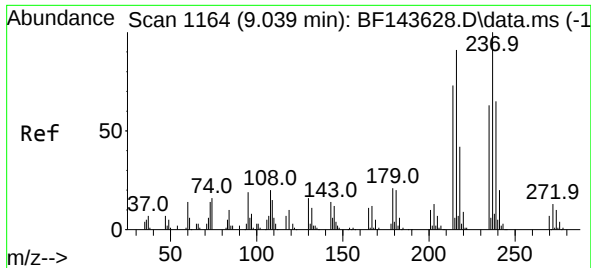
Tgt Ion:164 Resp: 194707
Ion Ratio Lower Upper
164 100
162 99.8 80.3 120.5
160 41.3 34.0 51.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.778 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion:216 Resp: 219434
Ion Ratio Lower Upper
216 100
214 77.7 63.3 94.9
179 21.0 17.2 25.8
108 16.7 14.0 21.0

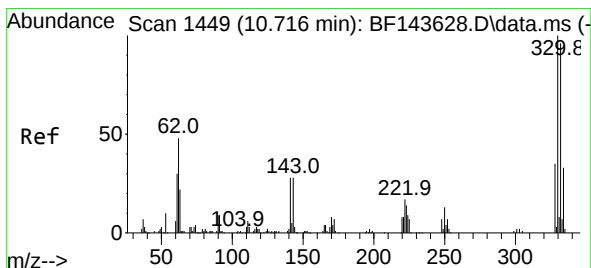
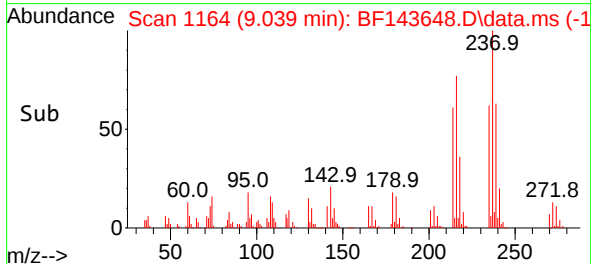
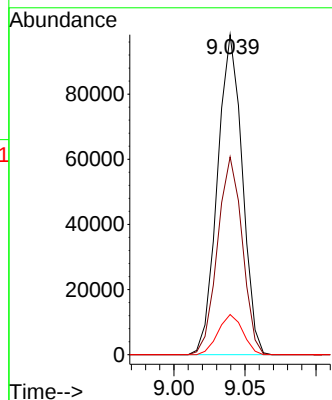
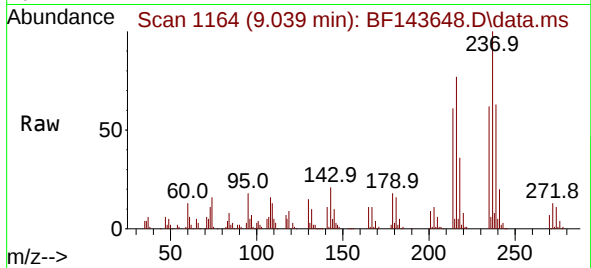




#41
Hexachlorocyclopentadiene
Concen: 45.680 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

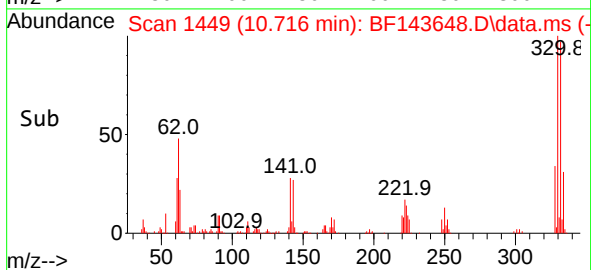
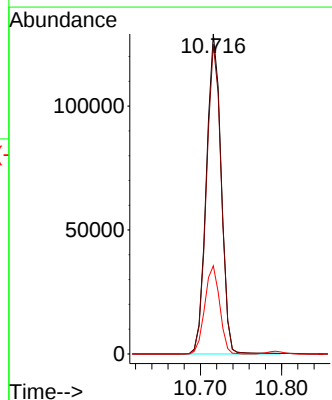
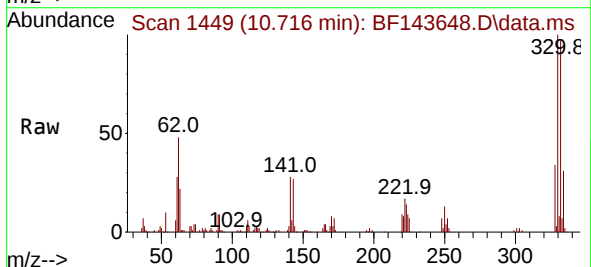
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

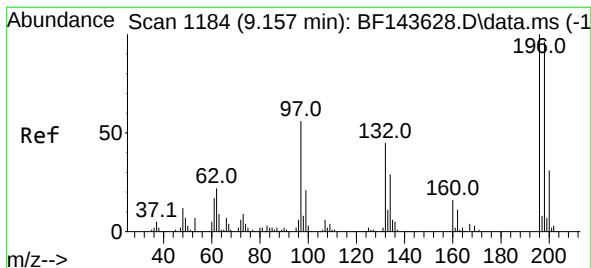
Tgt Ion:237 Resp: 119365
Ion Ratio Lower Upper
237 100
235 61.8 43.0 83.0
272 12.5 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 99.936 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion:330 Resp: 162715
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 27.7 23.5 35.3





#43

2,4,6-Trichlorophenol

Concen: 44.837 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

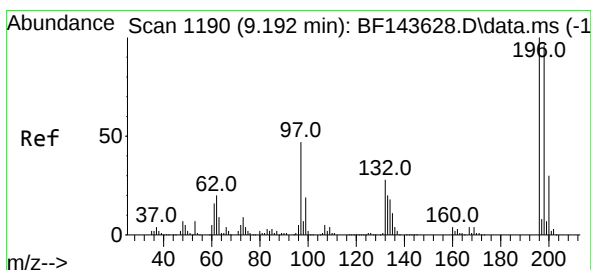
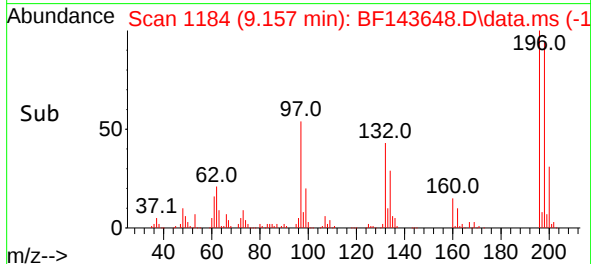
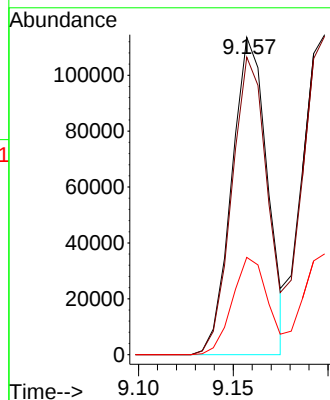
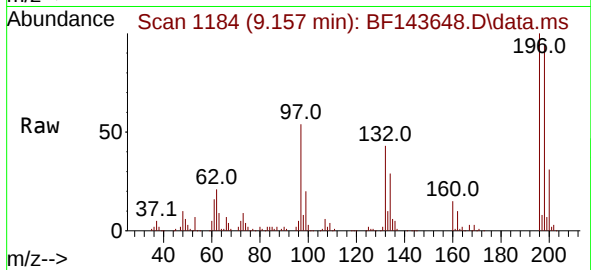
Tgt Ion:196 Resp: 148650

Ion Ratio Lower Upper

196 100

198 93.7 77.1 115.7

200 30.6 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 44.799 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

Tgt Ion:196 Resp: 153335

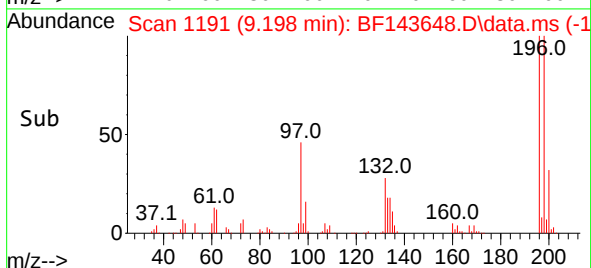
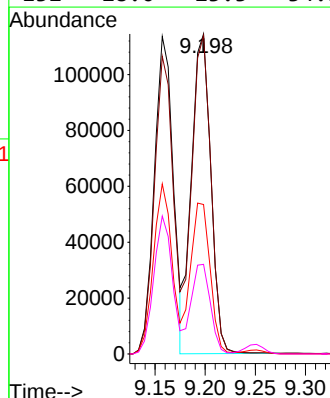
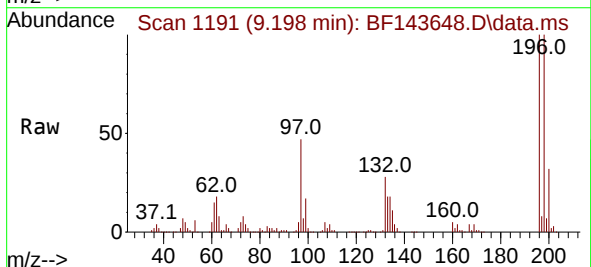
Ion Ratio Lower Upper

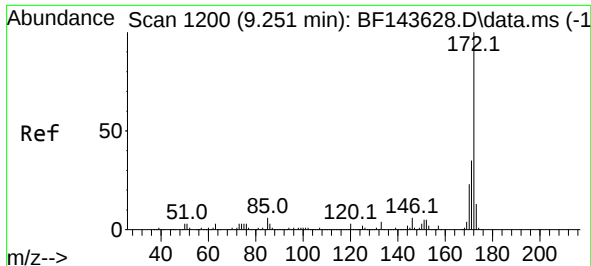
196 100

198 99.6 76.6 115.0

97 46.7 38.2 57.2

132 28.0 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 79.765 ng

RT: 9.251 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

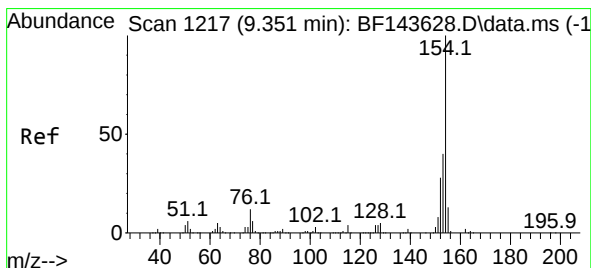
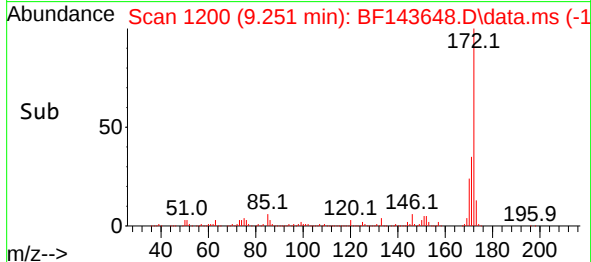
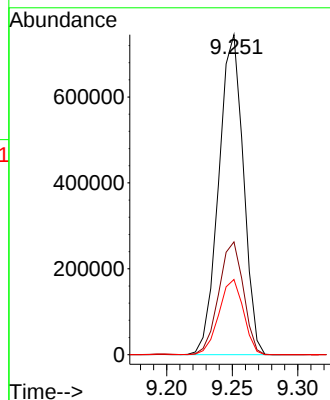
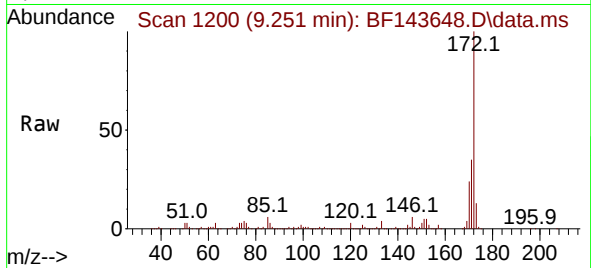
Tgt Ion:172 Resp: 972104

Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 23.5 18.6 28.0



#46

1,1'-Biphenyl

Concen: 39.968 ng

RT: 9.351 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

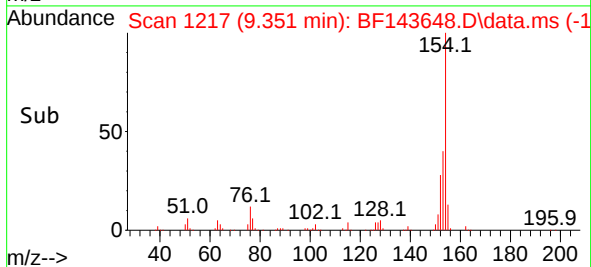
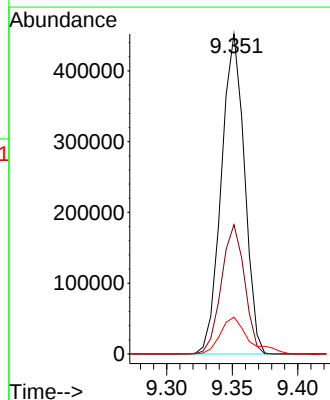
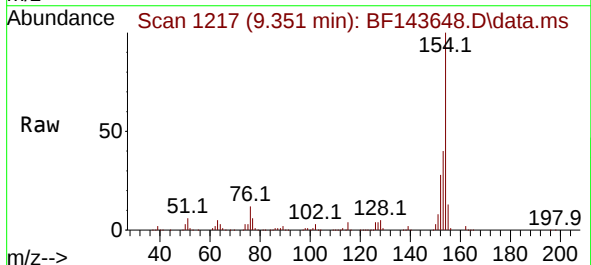
Tgt Ion:154 Resp: 553468

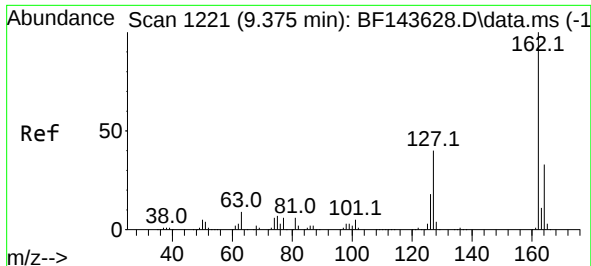
Ion Ratio Lower Upper

154 100

153 40.4 20.1 60.1

76 11.5 0.0 31.9





#47

2-Chloronaphthalene

Concen: 40.560 ng

RT: 9.375 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

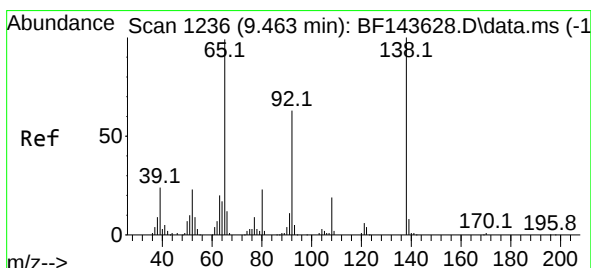
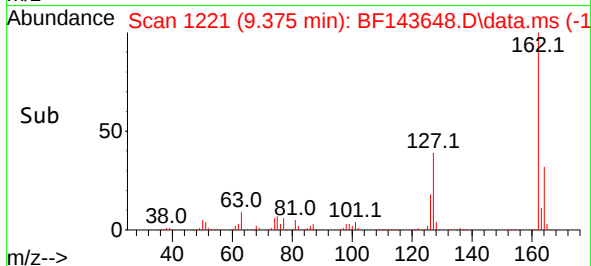
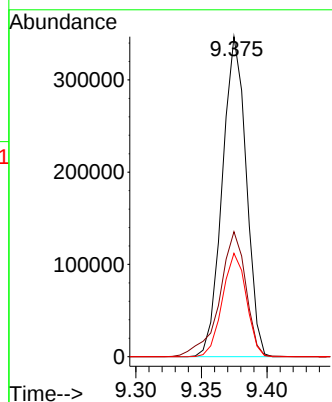
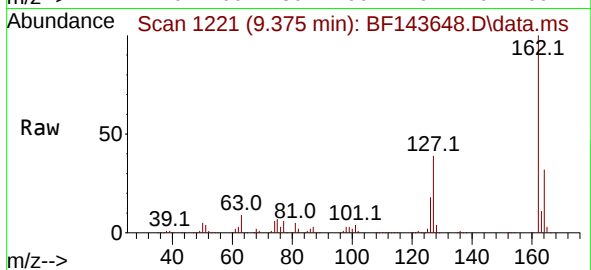
Tgt Ion:162 Resp: 439546

Ion Ratio Lower Upper

162 100

127 39.1 31.9 47.9

164 32.3 26.0 39.0



#48

2-Nitroaniline

Concen: 43.598 ng

RT: 9.469 min Scan# 1237

Delta R.T. 0.006 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

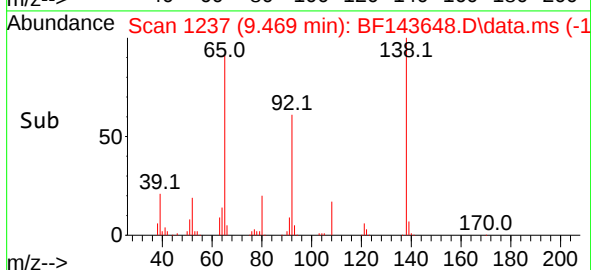
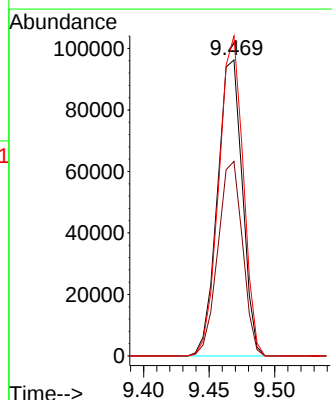
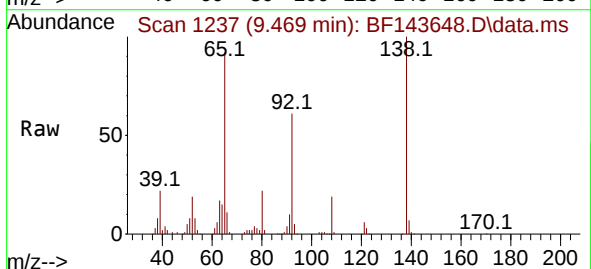
Tgt Ion: 65 Resp: 127251

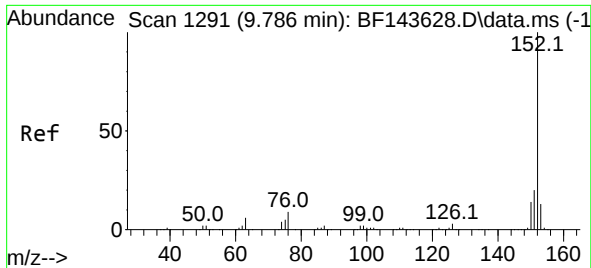
Ion Ratio Lower Upper

65 100

92 65.7 50.9 76.3

138 108.1 80.6 120.8

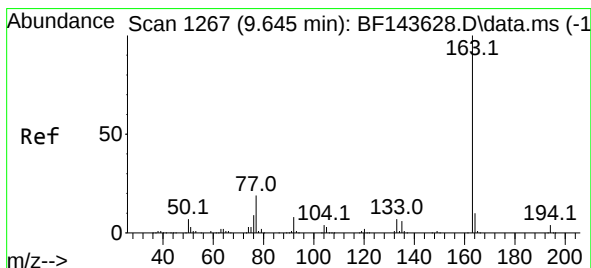
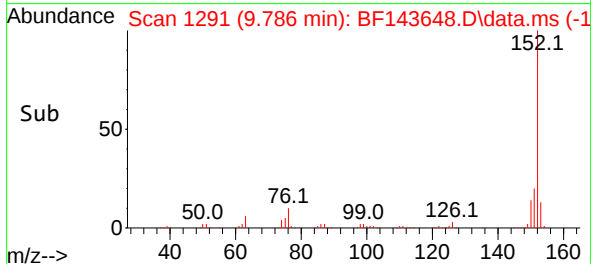
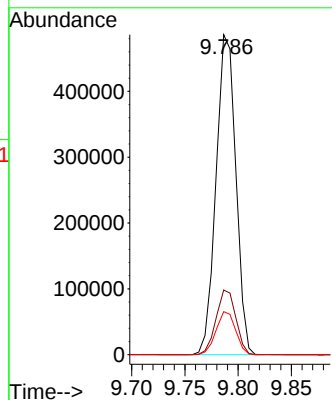
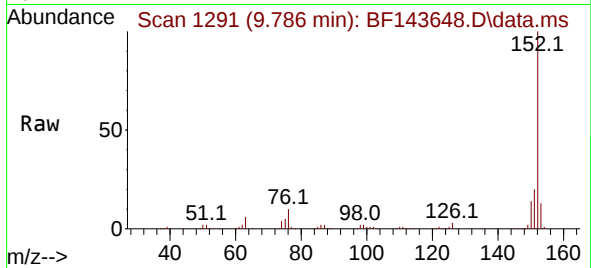




#49
Acenaphthylene
Concen: 40.167 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

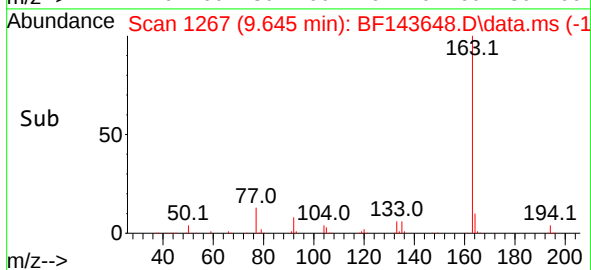
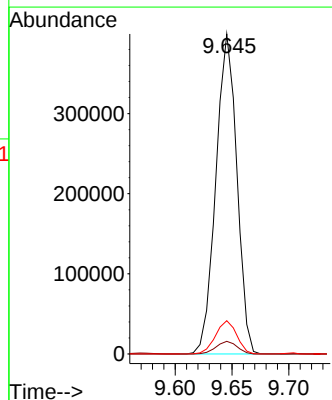
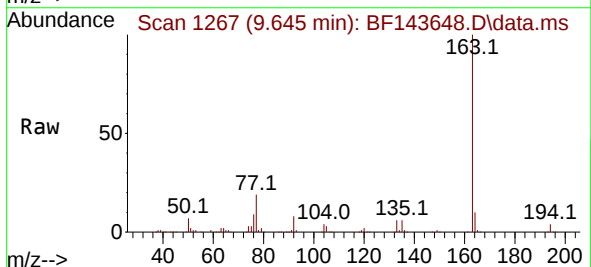
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

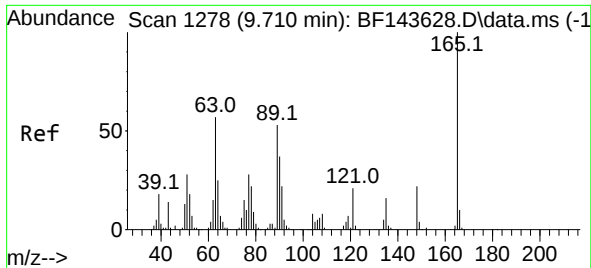
Tgt Ion:152 Resp: 627328
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 41.679 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion:163 Resp: 513867
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 8.1 12.1

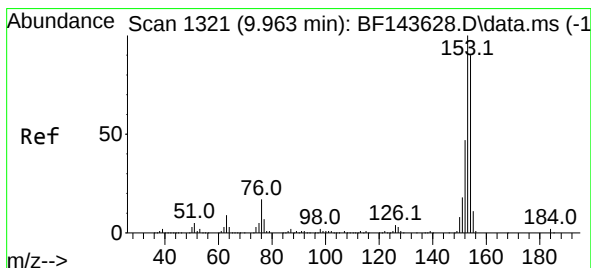
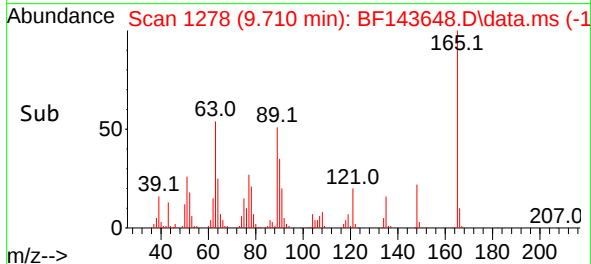
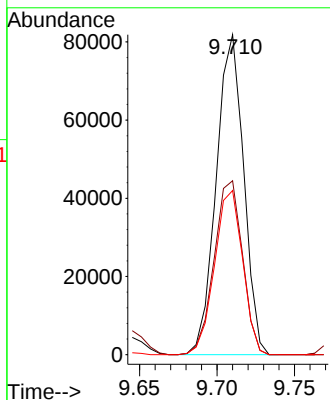
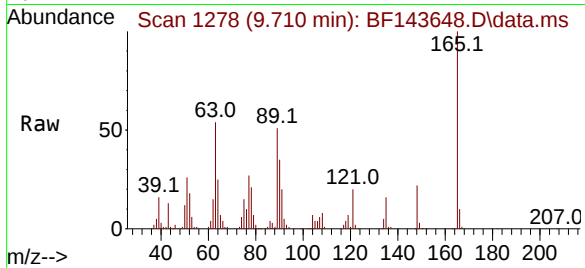




#51
2,6-Dinitrotoluene
Concen: 45.213 ng
RT: 9.710 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

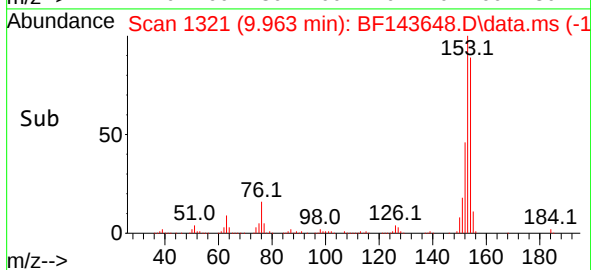
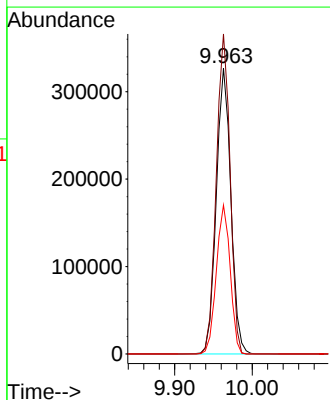
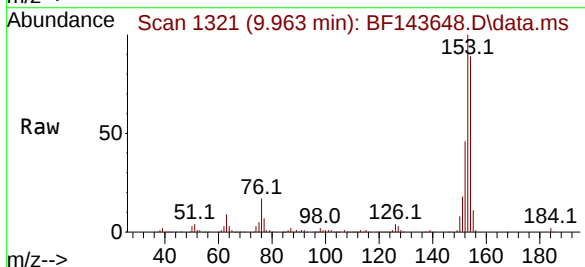
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

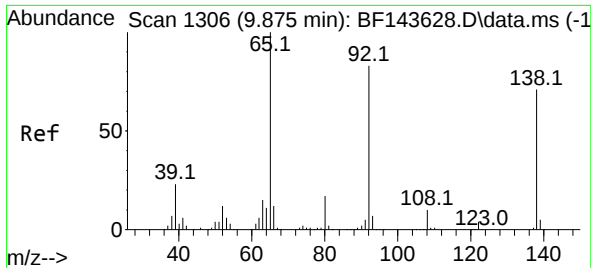
Tgt Ion:165 Resp: 100834
Ion Ratio Lower Upper
165 100
63 54.4 45.4 68.0
89 51.3 42.1 63.1



#52
Acenaphthene
Concen: 40.861 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion:154 Resp: 426876
Ion Ratio Lower Upper
154 100
153 111.9 88.6 132.8
152 52.0 41.8 62.8

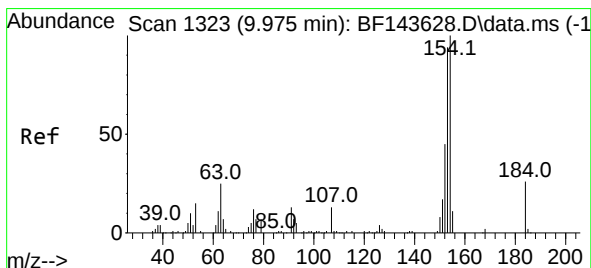
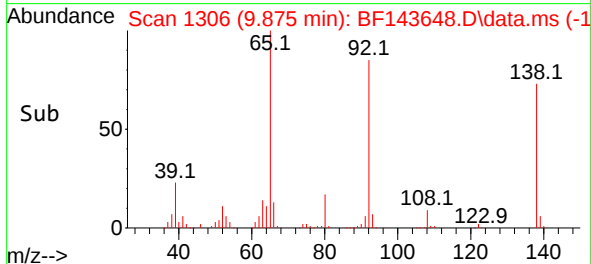
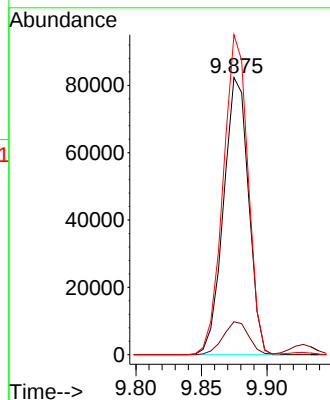
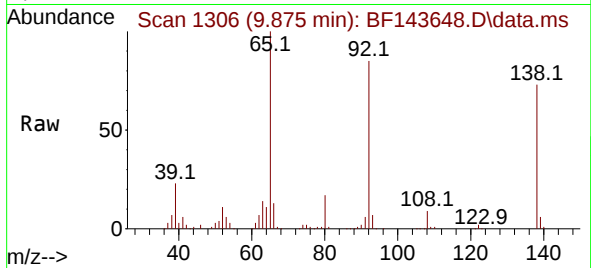




#53
3-Nitroaniline
Concen: 44.085 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

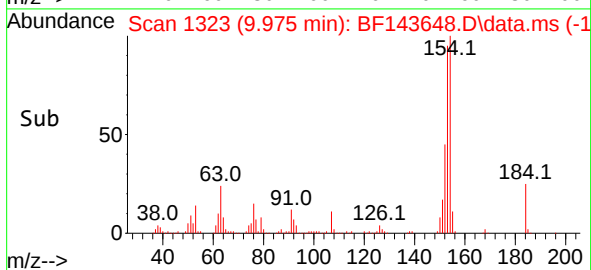
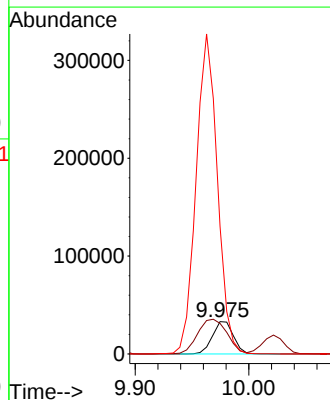
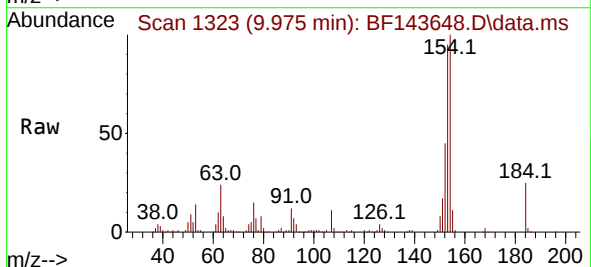
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

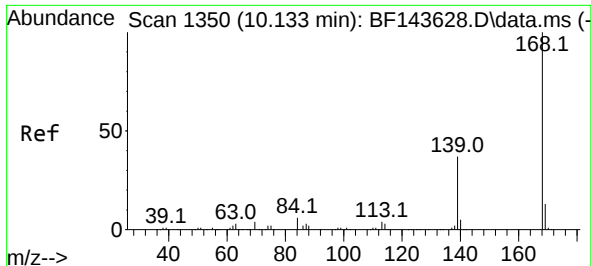
Tgt Ion:138 Resp: 108906
Ion Ratio Lower Upper
138 100
108 11.9 10.7 16.1
92 115.5 93.4 140.2



#54
2,4-Dinitrophenol
Concen: 50.912 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion:184 Resp: 42542
Ion Ratio Lower Upper
184 100
63 94.5 81.8 122.8
154 395.3 348.3 522.5

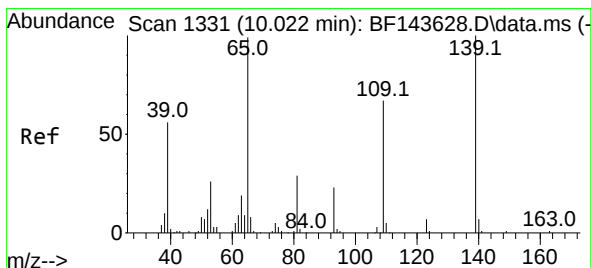
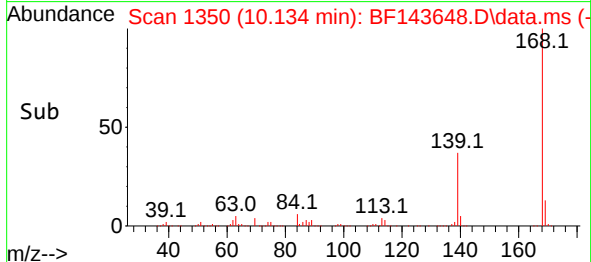
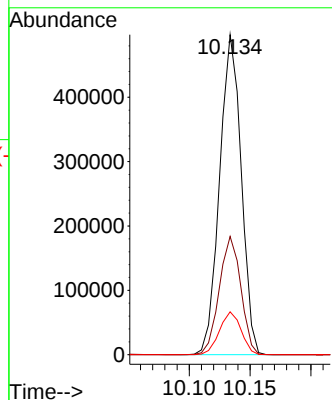
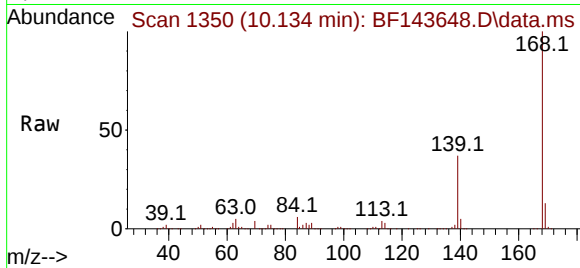




#55
Dibenzofuran
Concen: 40.522 ng
RT: 10.134 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

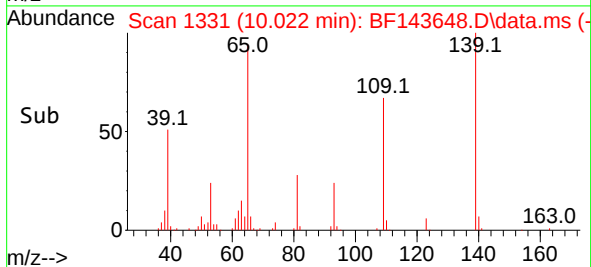
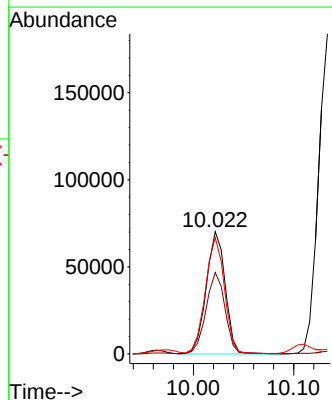
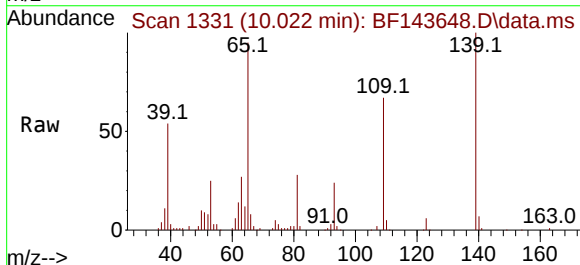
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

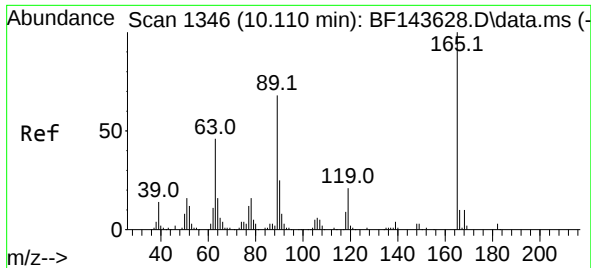
Tgt Ion:168 Resp: 615036
Ion Ratio Lower Upper
168 100
139 36.9 29.8 44.8
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 50.610 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion:139 Resp: 92515
Ion Ratio Lower Upper
139 100
109 66.6 47.6 87.6
65 95.1 80.5 120.5

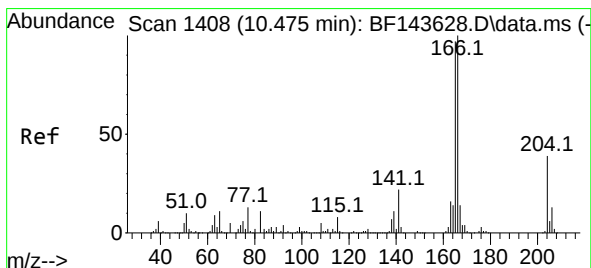
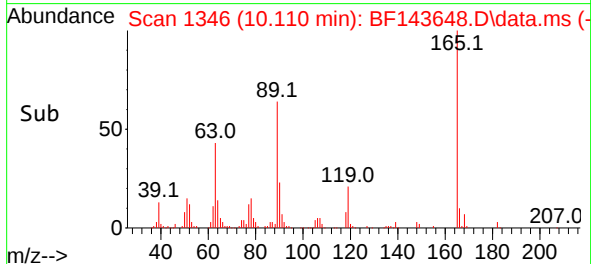
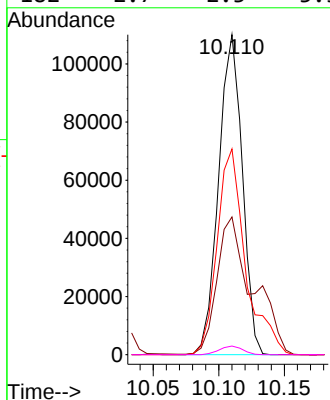
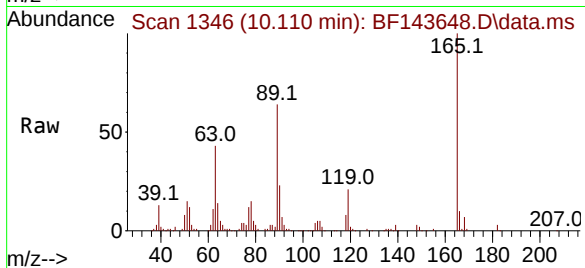




#57
2,4-Dinitrotoluene
Concen: 45.754 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

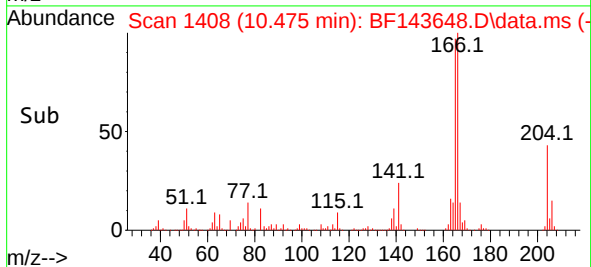
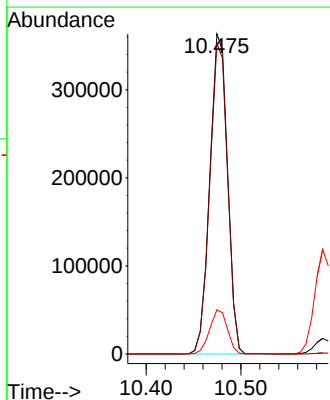
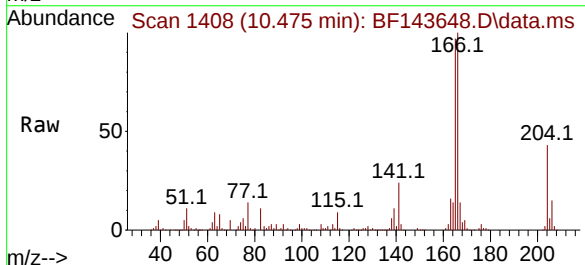
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

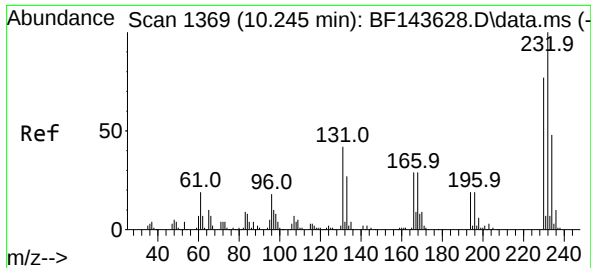
Tgt Ion:165 Resp: 138269
Ion Ratio Lower Upper
165 100
63 43.1 37.0 55.6
89 64.3 54.1 81.1
182 2.7 2.3 3.5



#58
Fluorene
Concen: 40.207 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion:166 Resp: 472025
Ion Ratio Lower Upper
166 100
165 97.2 77.6 116.4
167 13.8 10.9 16.3

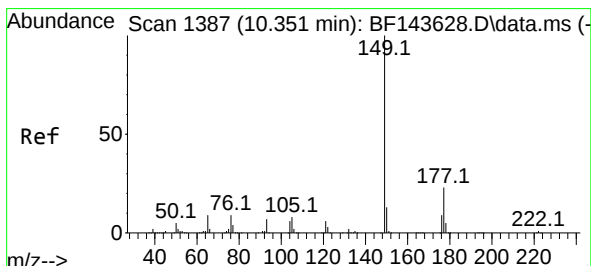
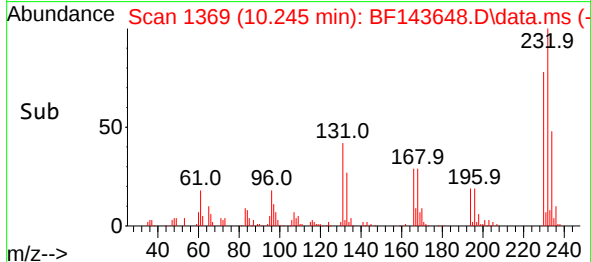
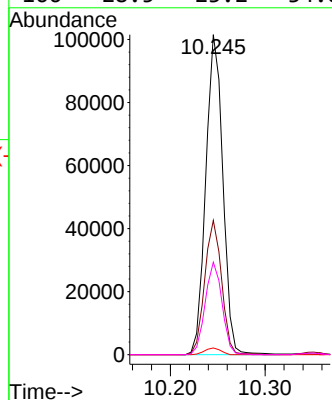
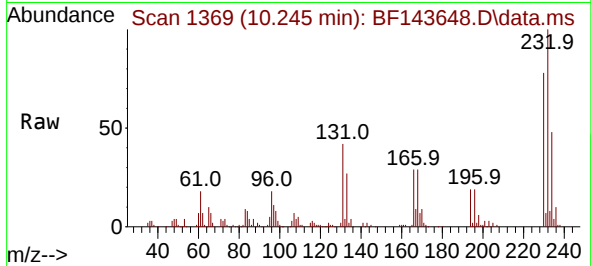




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.741 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

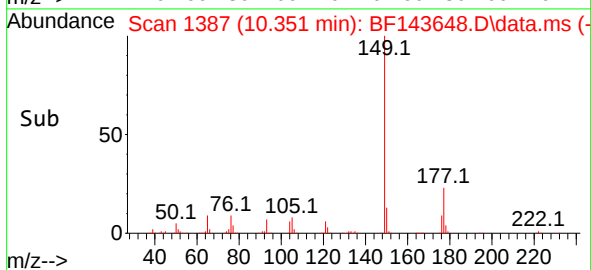
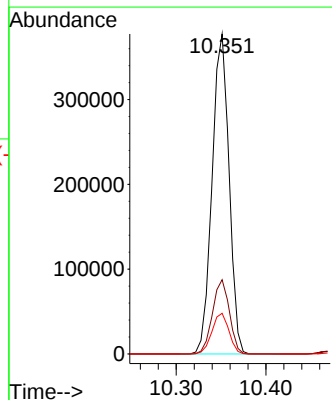
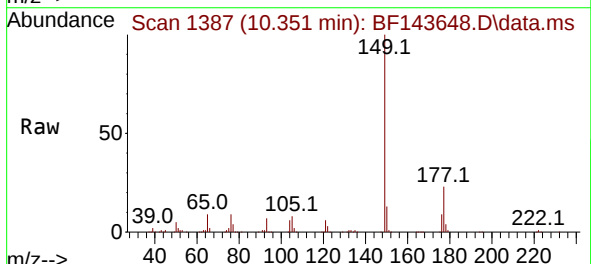
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

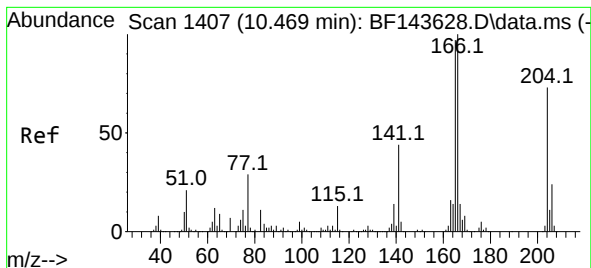
Tgt Ion:232 Resp: 126695
Ion Ratio Lower Upper
232 100
131 41.6 33.7 50.5
130 2.0 1.5 2.3
166 28.5 23.2 34.8



#60
Diethylphthalate
Concen: 42.229 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion:149 Resp: 494274
Ion Ratio Lower Upper
149 100
177 23.2 18.6 28.0
150 12.7 10.3 15.5

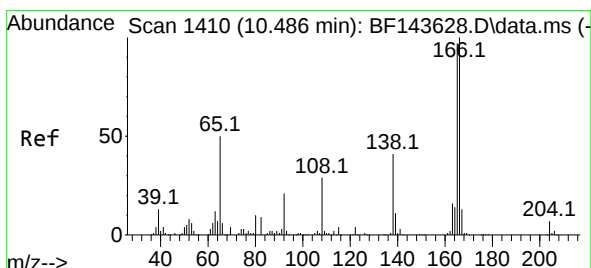
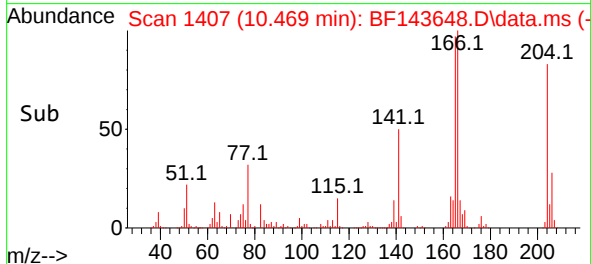
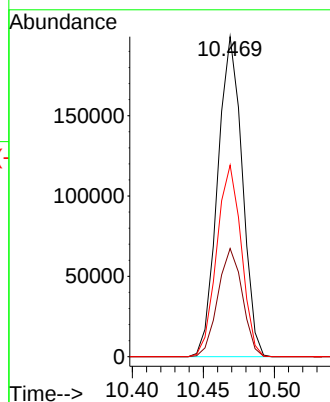
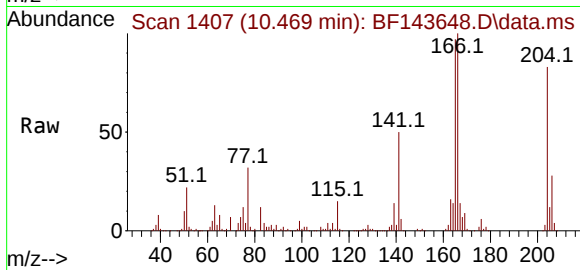




#61
4-Chlorophenyl-phenylether
Concen: 40.981 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

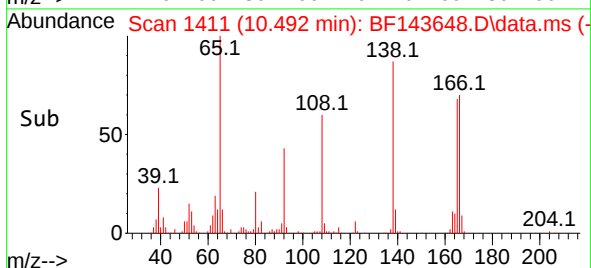
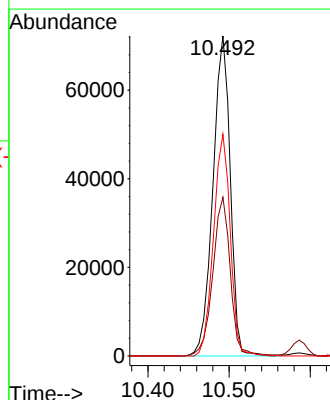
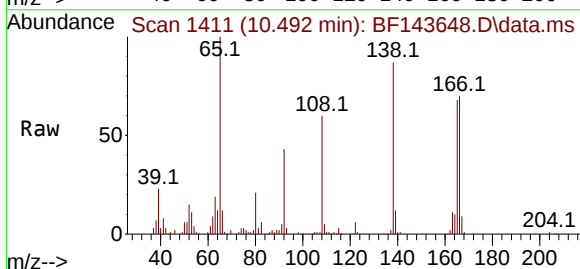
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

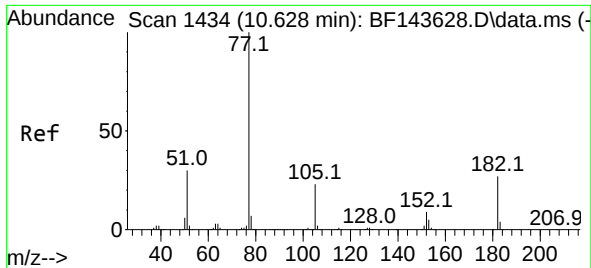
Tgt Ion:204 Resp: 240070
Ion Ratio Lower Upper
204 100
206 33.8 26.6 40.0
141 59.9 47.8 71.6



#62
4-Nitroaniline
Concen: 44.541 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion:138 Resp: 107310
Ion Ratio Lower Upper
138 100
92 49.6 30.5 70.5
108 69.3 49.1 89.1

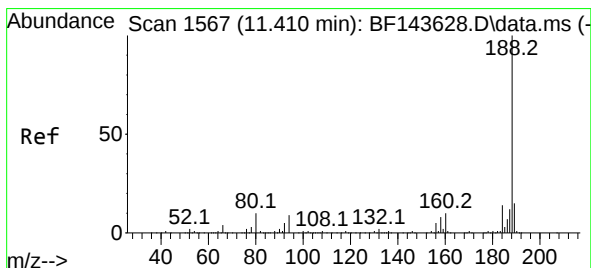
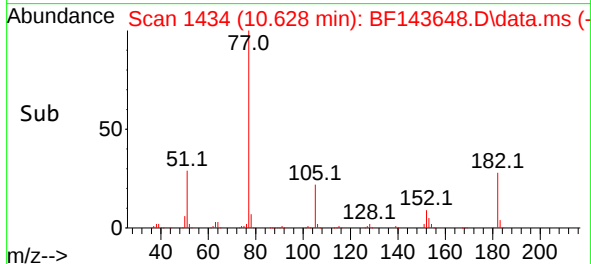
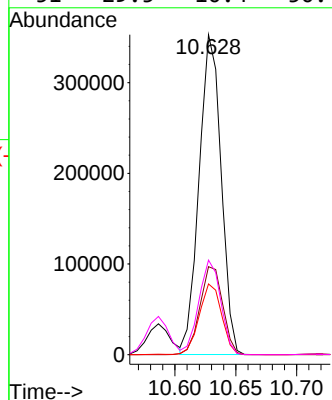
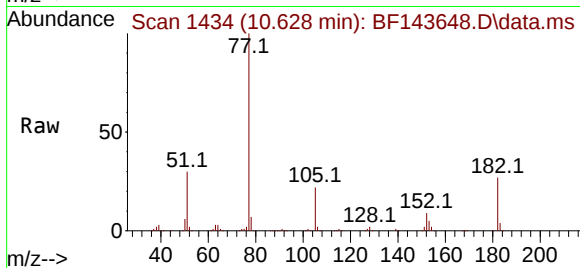




#63
Azobenzene
Concen: 40.234 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

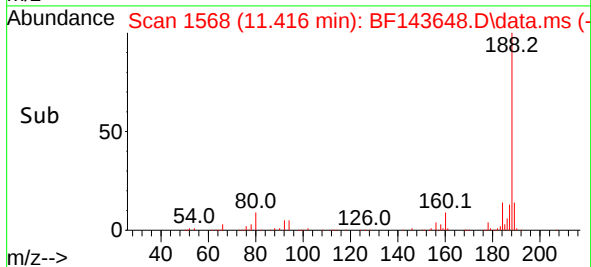
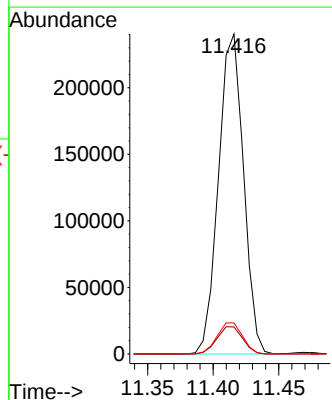
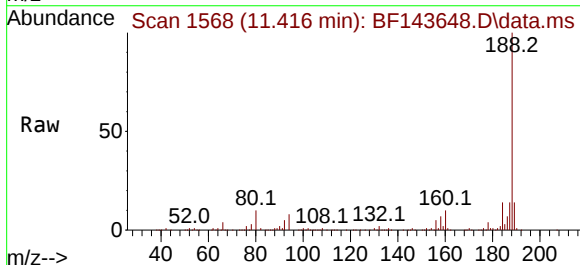
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

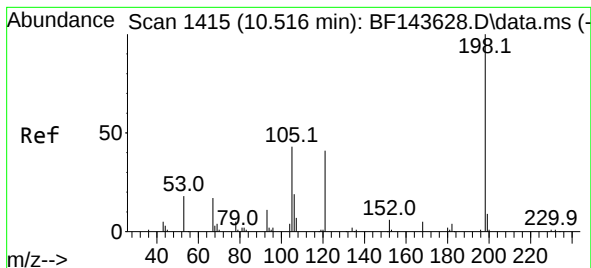
Tgt Ion:	77	Resp:	443900
Ion	Ratio	Lower	Upper
77	100		
182	27.5	6.8	46.8
105	22.1	2.8	42.8
51	29.5	10.4	50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.006 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion:	188	Resp:	318751
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.5	11.3
80	9.7	8.4	12.6

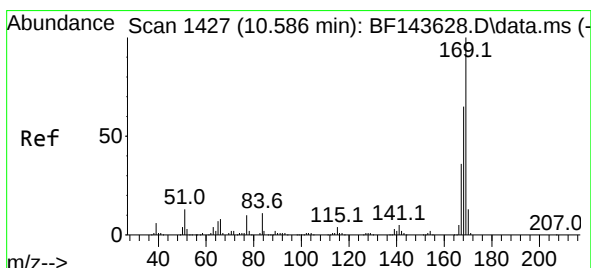
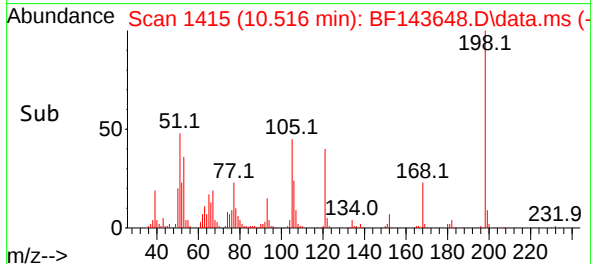
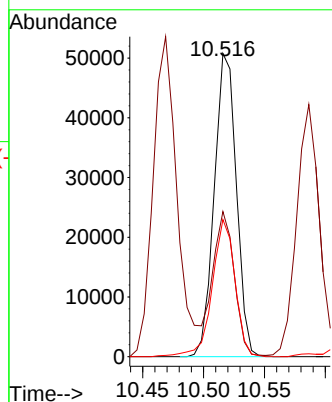
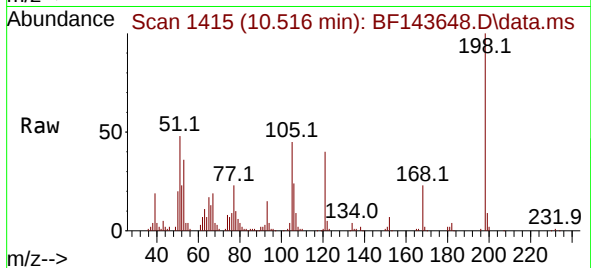




#65
4,6-Dinitro-2-methylphenol
Concen: 47.588 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

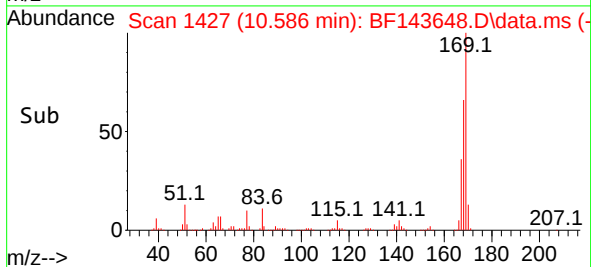
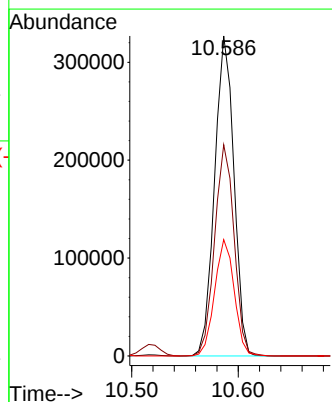
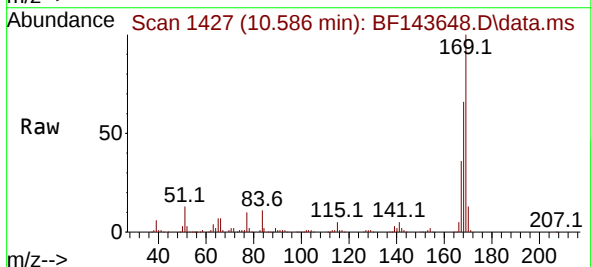
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

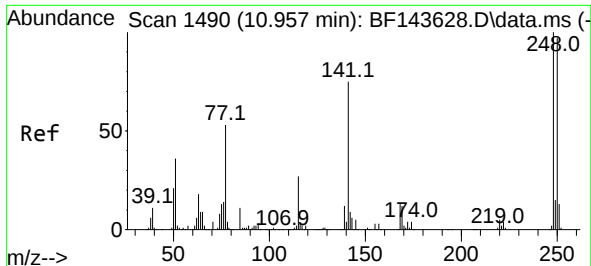
Tgt Ion:198 Resp: 64192
Ion Ratio Lower Upper
198 100
51 47.8 30.7 70.7
105 45.2 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 40.002 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion:169 Resp: 411549
Ion Ratio Lower Upper
169 100
168 66.0 52.2 78.4
167 36.3 28.5 42.7

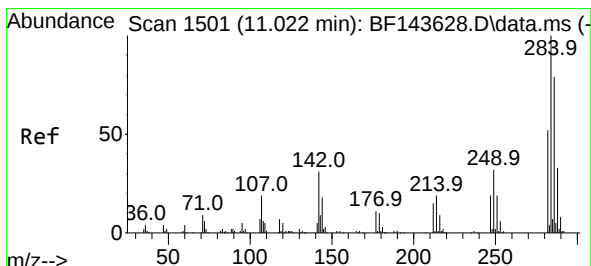
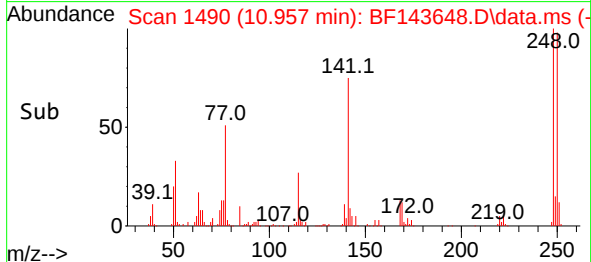
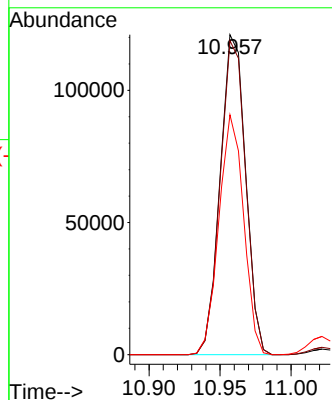
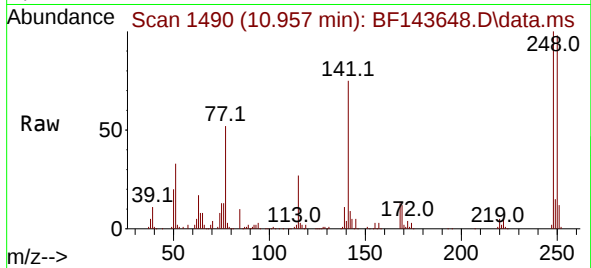




#67
4-Bromophenyl-phenylether
Concen: 40.832 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

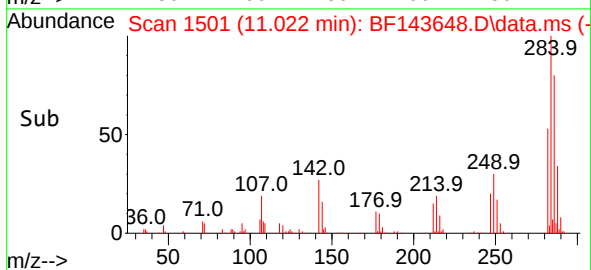
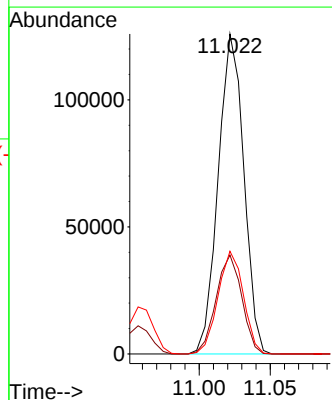
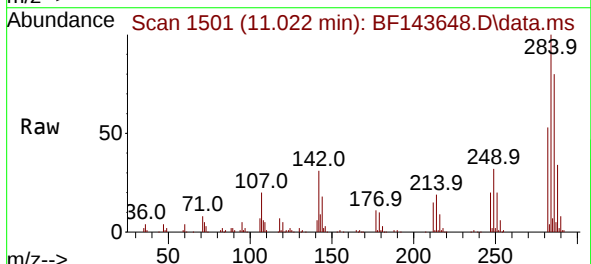
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

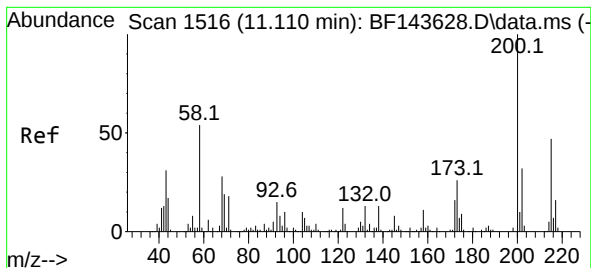
Tgt Ion:248 Resp: 150949
Ion Ratio Lower Upper
248 100
250 98.1 77.6 116.4
141 75.0 60.1 90.1



#68
Hexachlorobenzene
Concen: 40.666 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion:284 Resp: 157915
Ion Ratio Lower Upper
284 100
142 30.9 24.7 37.1
249 32.1 25.4 38.2





#69

Atrazine

Concen: 45.180 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.000 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

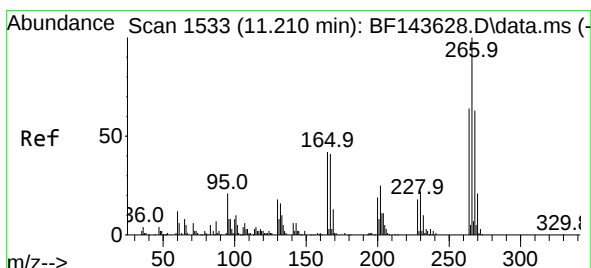
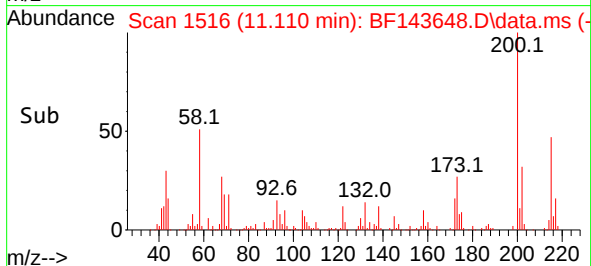
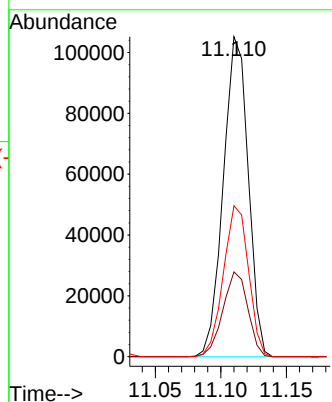
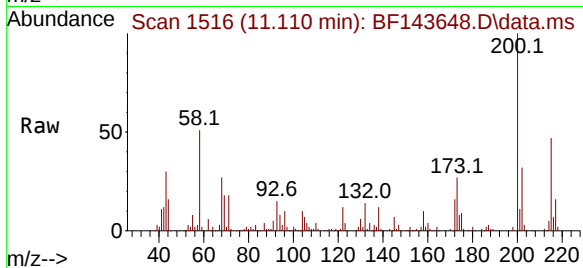
Tgt Ion:200 Resp: 138963

Ion Ratio Lower Upper

200 100

173 26.5 6.4 46.4

215 47.2 26.9 66.9



#70

Pentachlorophenol

Concen: 47.381 ng

RT: 11.210 min Scan# 1533

Delta R.T. 0.000 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

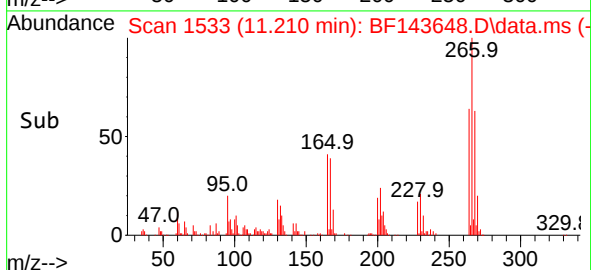
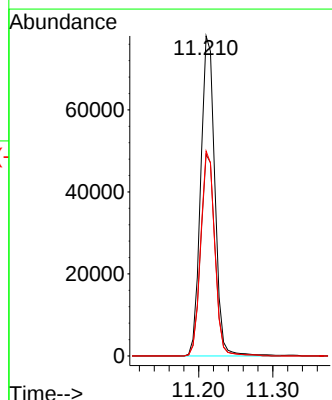
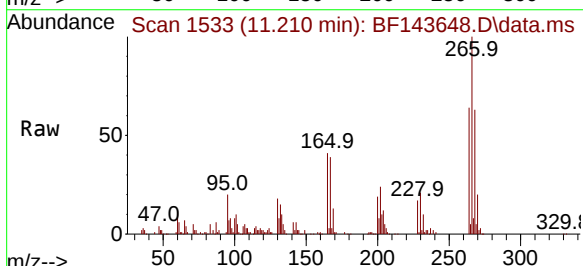
Tgt Ion:266 Resp: 103355

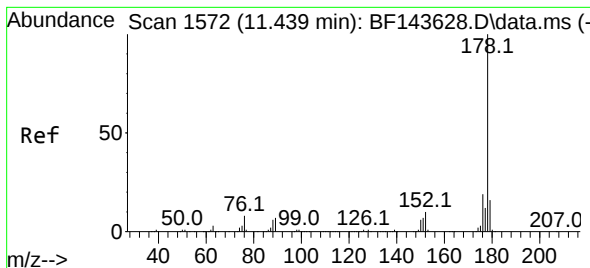
Ion Ratio Lower Upper

266 100

268 63.0 50.6 76.0

264 64.0 51.2 76.8





#71

Phenanthrene

Concen: 40.397 ng

RT: 11.439 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

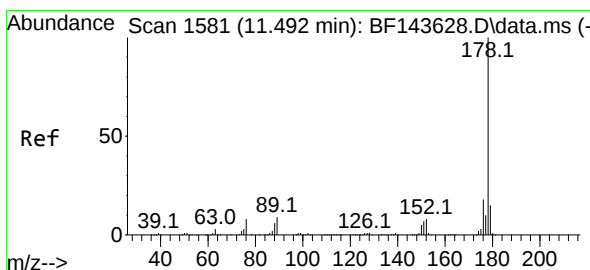
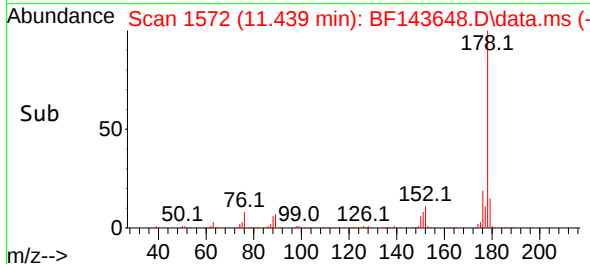
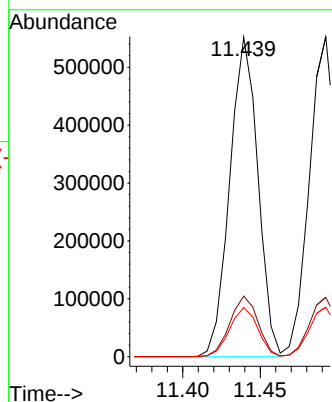
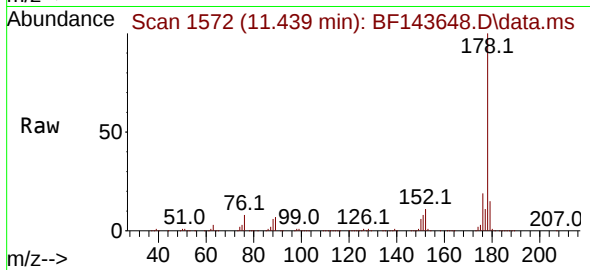
Tgt Ion:178 Resp: 696288

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 15.4 12.4 18.6



#72

Anthracene

Concen: 40.524 ng

RT: 11.492 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

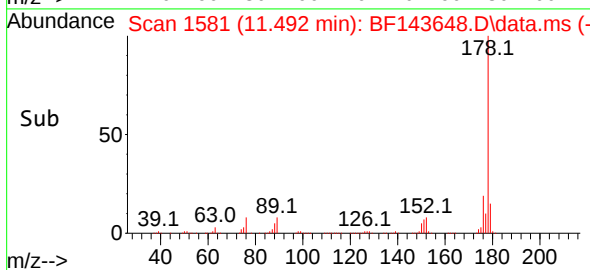
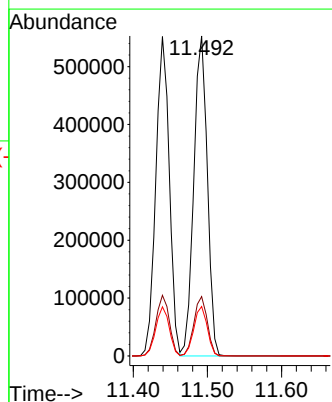
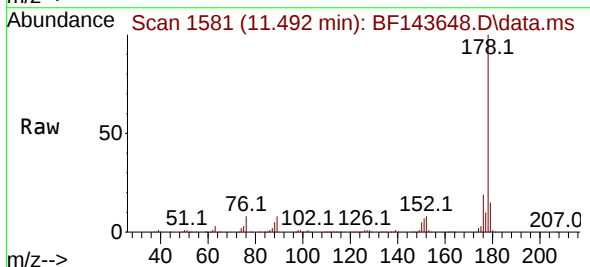
Tgt Ion:178 Resp: 700521

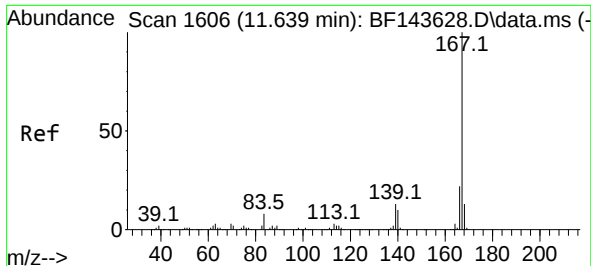
Ion Ratio Lower Upper

178 100

176 18.5 14.6 22.0

179 15.4 12.3 18.5

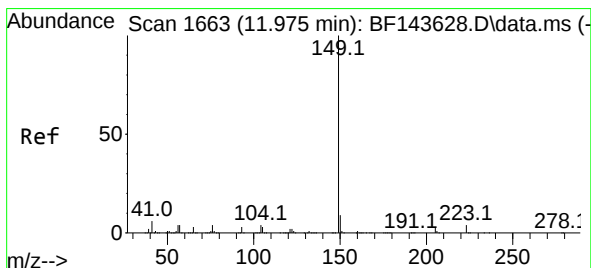
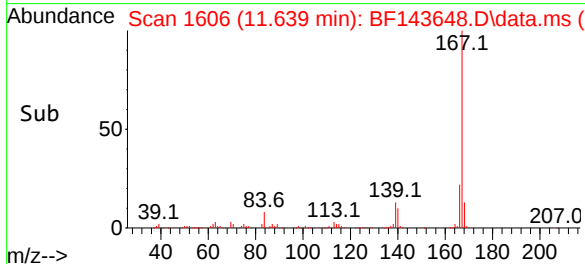
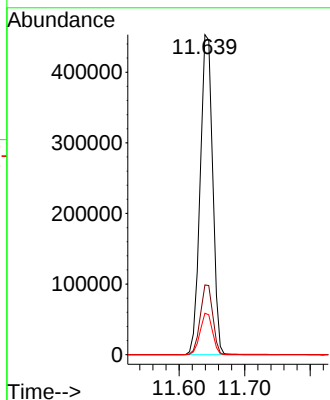
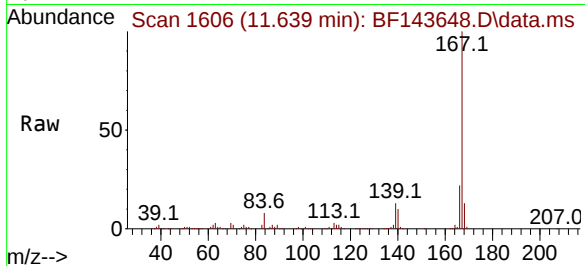




#73
 Carbazole
 Concen: 41.345 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. 0.000 min
 Lab File: BF143648.D
 Acq: 04 Sep 2025 17:11

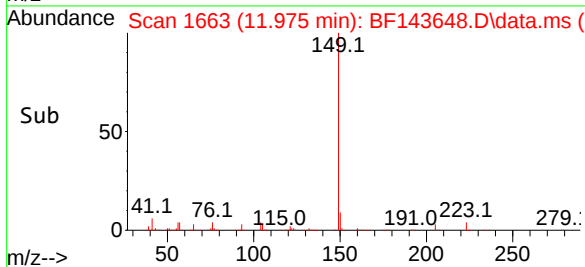
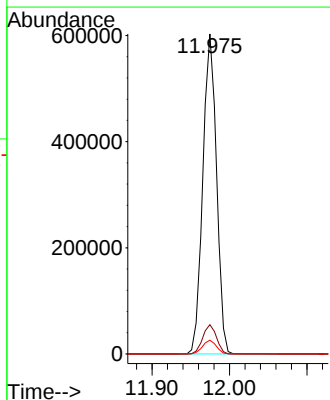
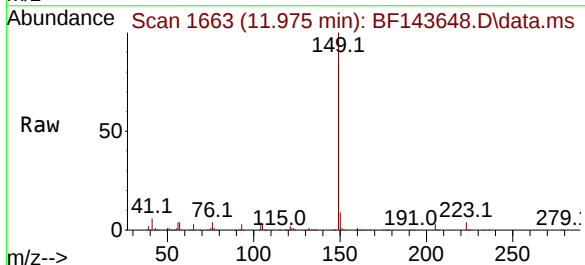
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

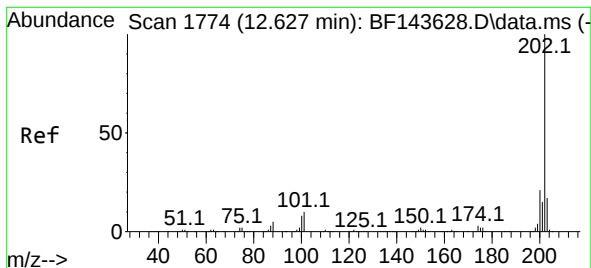
Tgt Ion:167 Resp: 602426
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 12.9 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 45.239 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. 0.000 min
 Lab File: BF143648.D
 Acq: 04 Sep 2025 17:11

Tgt Ion:149 Resp: 740120
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.3 3.5 5.3





#75

Fluoranthene

Concen: 41.443 ng

RT: 12.627 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

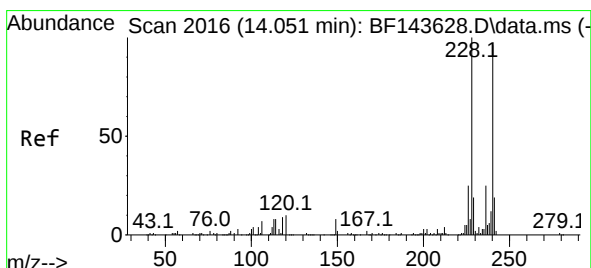
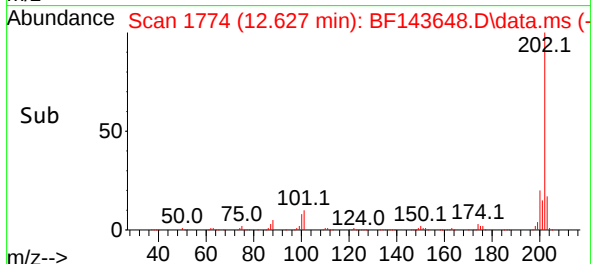
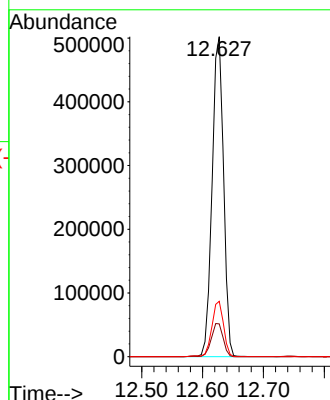
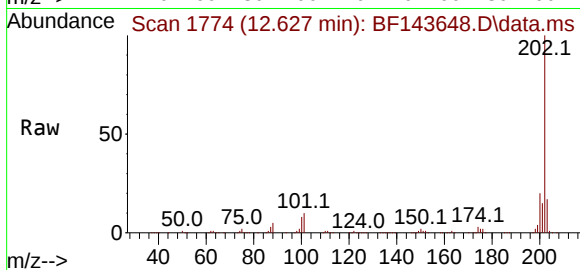
Tgt Ion:202 Resp: 656039

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.3

203 17.3 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

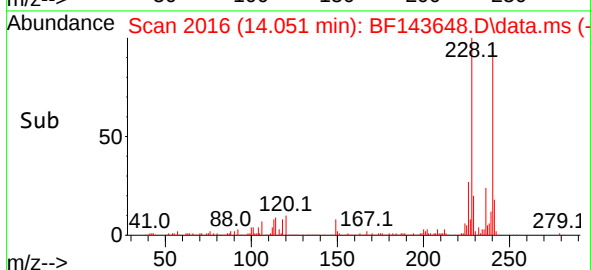
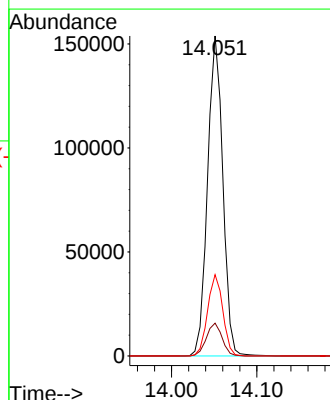
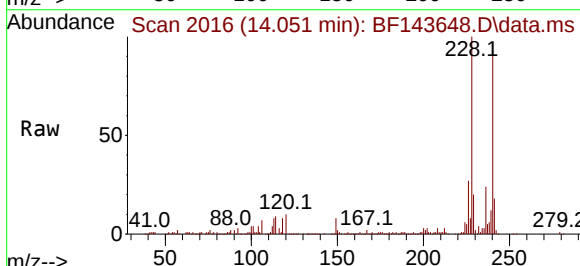
Tgt Ion:240 Resp: 191305

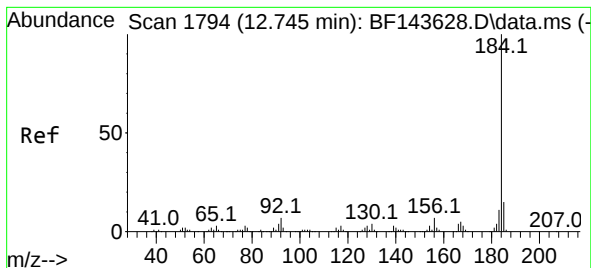
Ion Ratio Lower Upper

240 100

120 10.3 8.0 12.0

236 25.4 20.5 30.7





#77

Benzidine

Concen: 44.840 ng

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

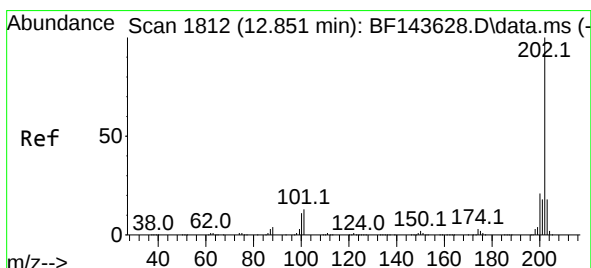
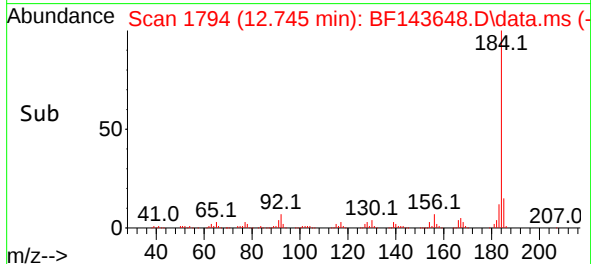
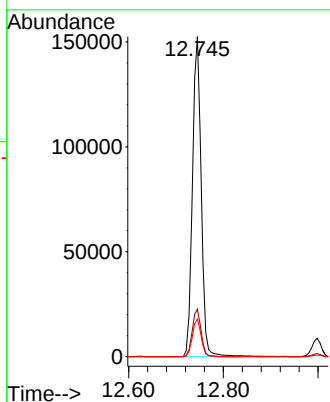
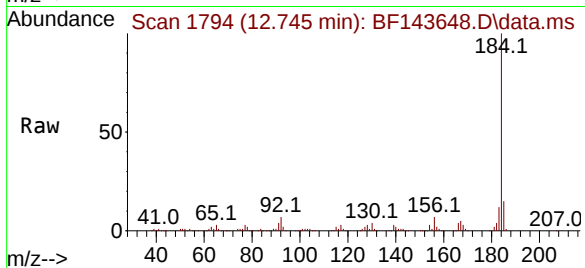
Tgt Ion:184 Resp: 196260

Ion Ratio Lower Upper

184 100

185 14.8 11.8 17.6

183 11.8 9.0 13.6



#78

Pyrene

Concen: 42.000 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.006 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

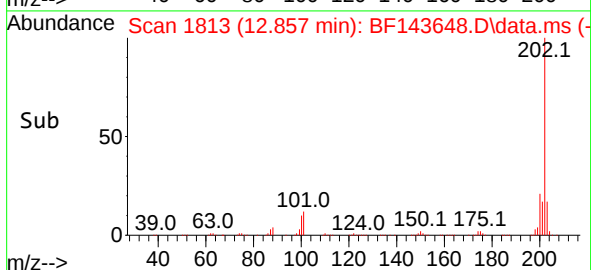
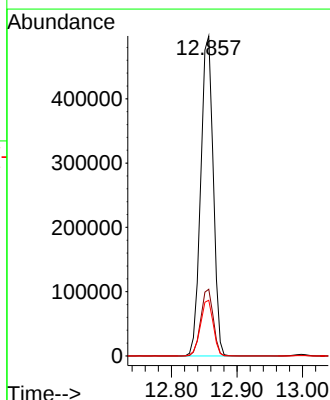
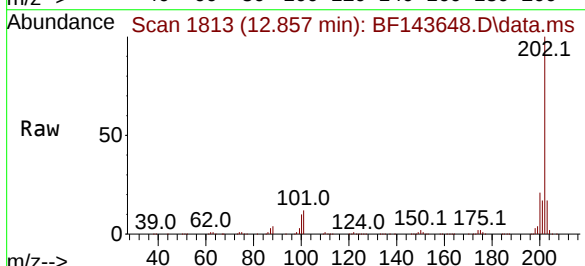
Tgt Ion:202 Resp: 663005

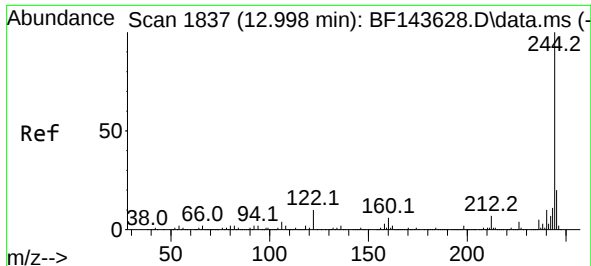
Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 17.4 14.0 21.0

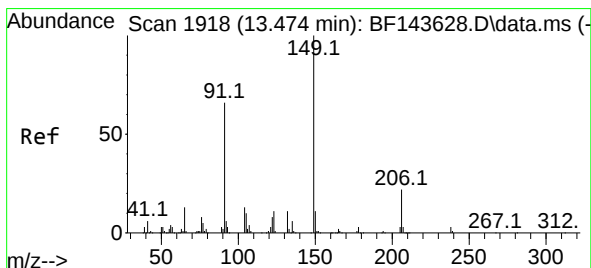
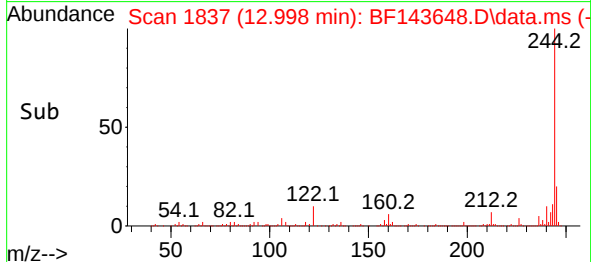
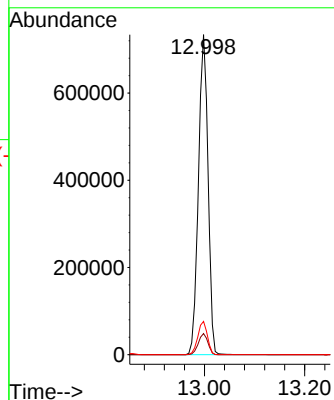
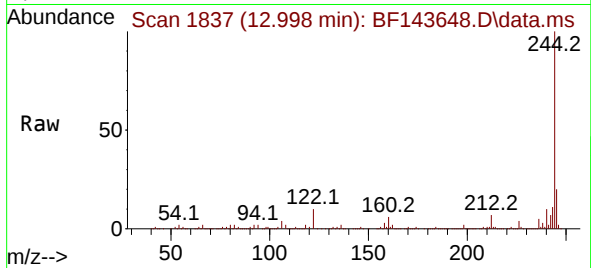




#79
 Terphenyl-d14
 Concen: 84.568 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143648.D
 Acq: 04 Sep 2025 17:11

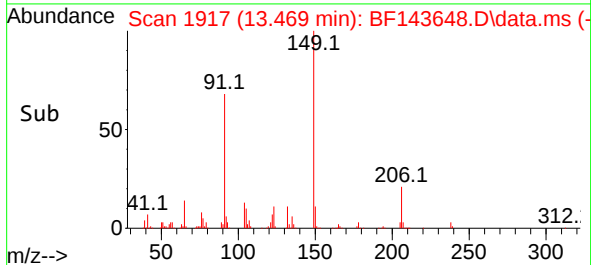
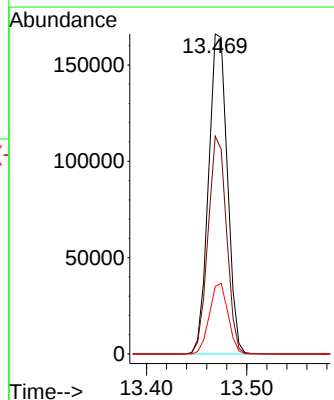
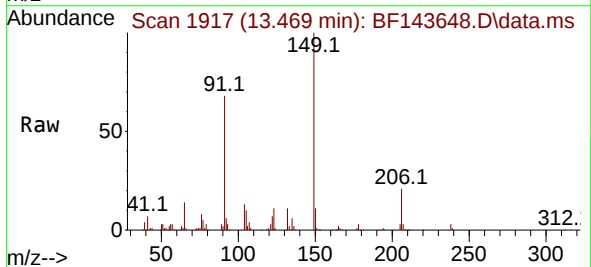
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

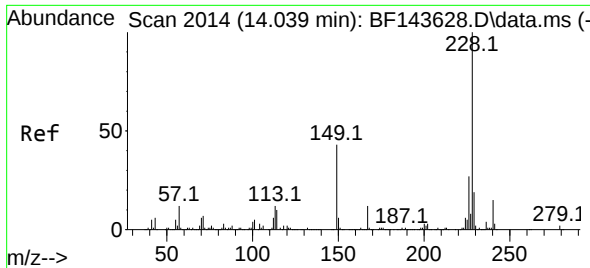
Tgt Ion:244 Resp: 970954
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 10.4 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 43.529 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. -0.005 min
 Lab File: BF143648.D
 Acq: 04 Sep 2025 17:11

Tgt Ion:149 Resp: 217253
 Ion Ratio Lower Upper
 149 100
 91 68.1 53.0 79.4
 206 21.1 17.4 26.2

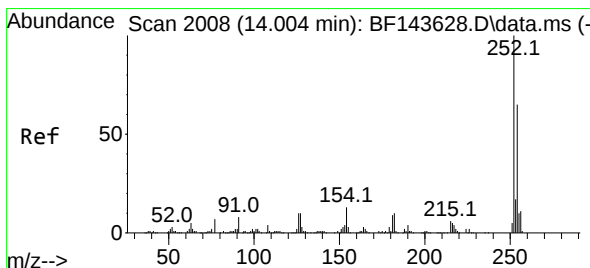
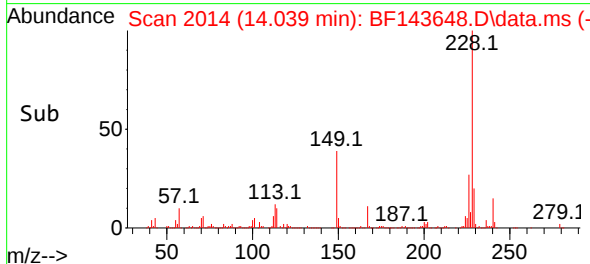
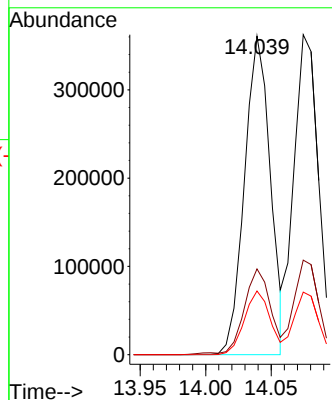
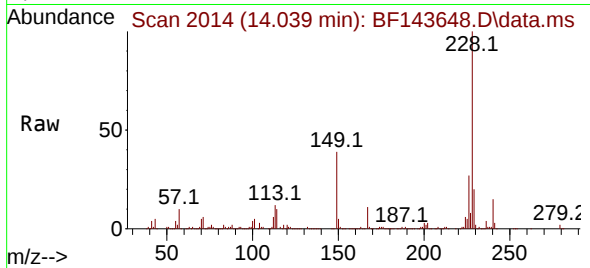




#81
Benzo(a)anthracene
Concen: 39.955 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

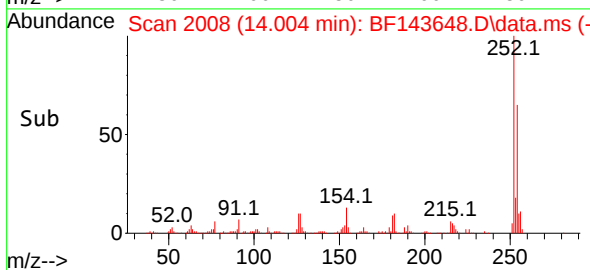
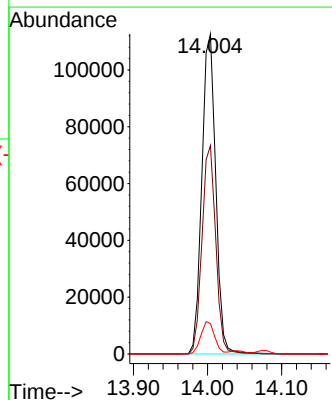
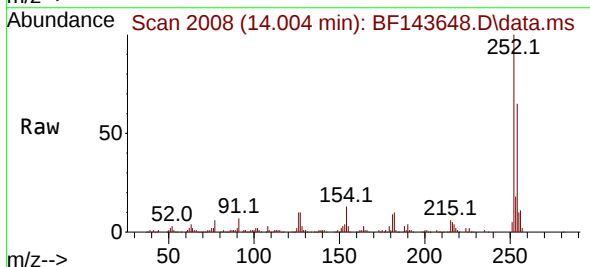
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

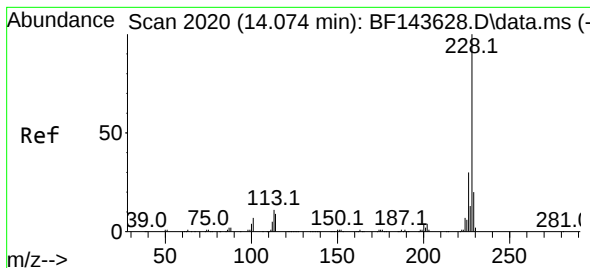
Tgt Ion:228 Resp: 495088
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.2
229 20.0 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 43.405 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion:252 Resp: 146614
Ion Ratio Lower Upper
252 100
254 65.1 52.2 78.2
126 9.5 8.1 12.1





#83

Chrysene

Concen: 42.198 ng

RT: 14.074 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

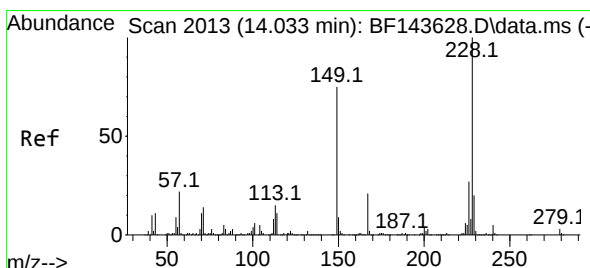
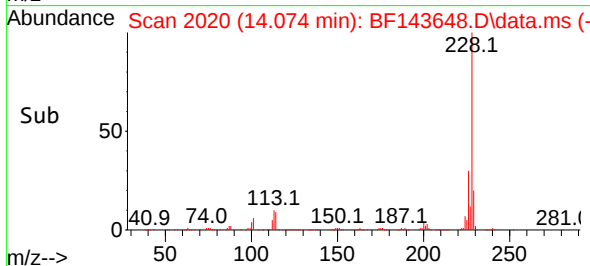
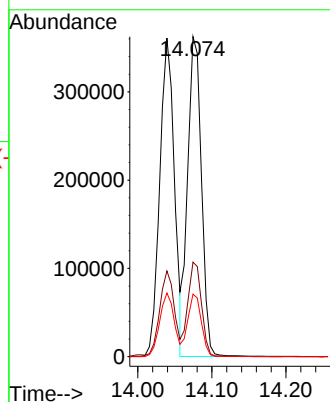
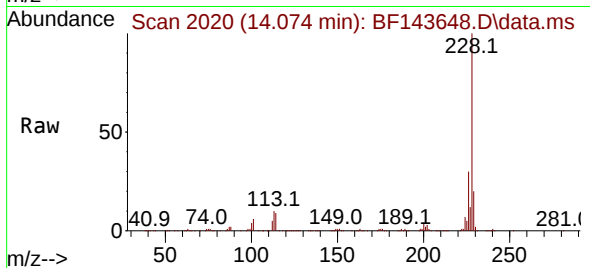
Tgt Ion:228 Resp: 470025

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.6

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.602 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

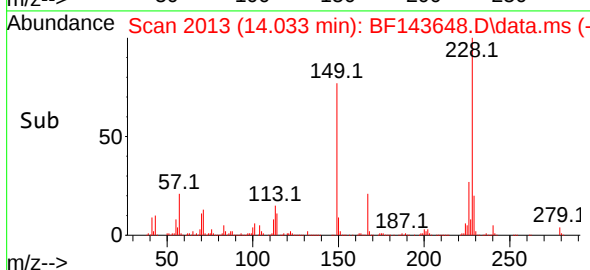
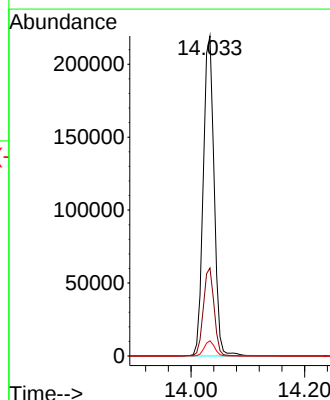
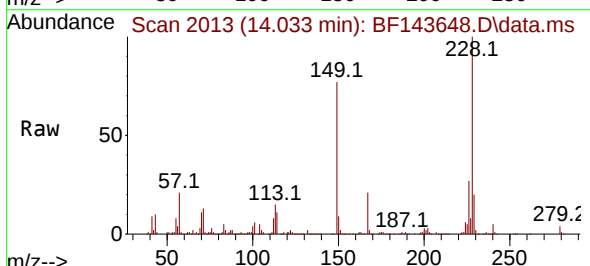
Tgt Ion:149 Resp: 290882

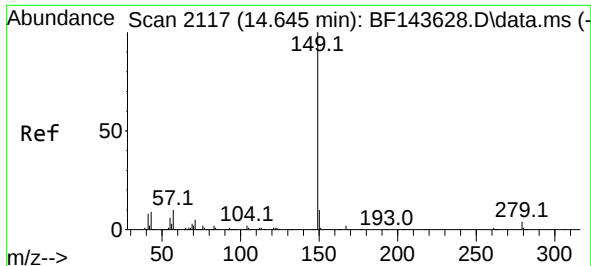
Ion Ratio Lower Upper

149 100

167 27.5 22.1 33.1

279 4.7 3.4 5.2

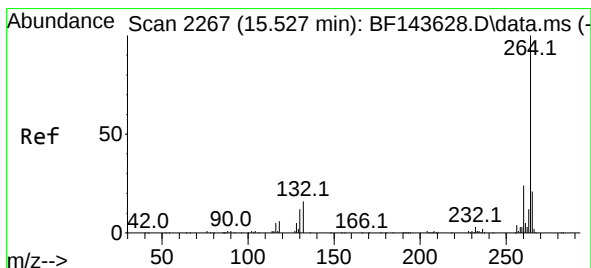
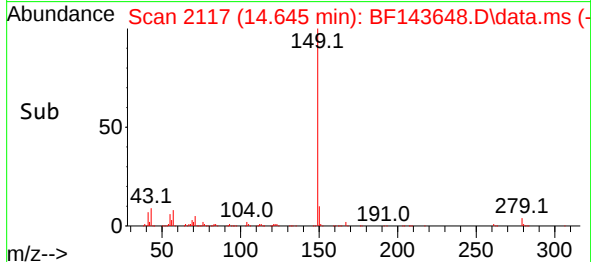
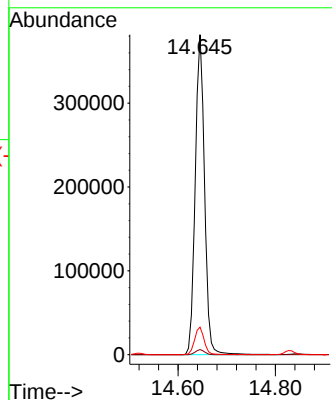
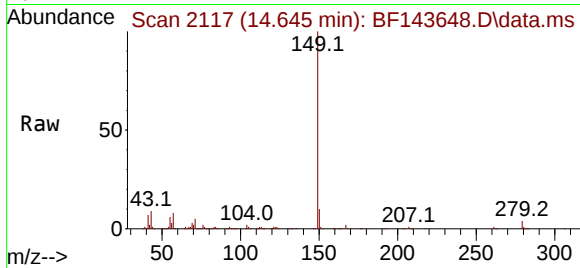




#85
Di-n-octyl phthalate
Concen: 44.871 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

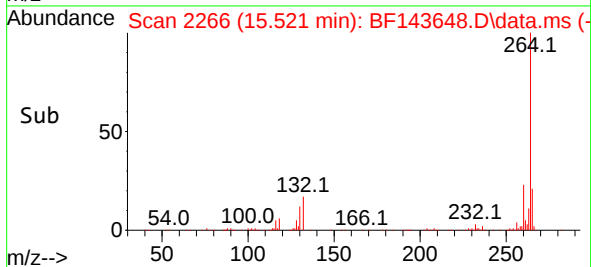
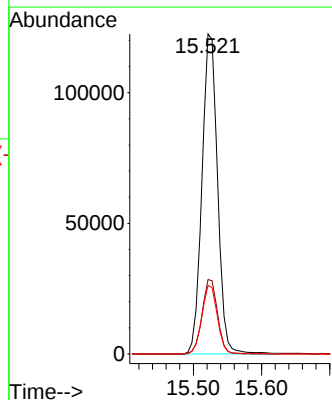
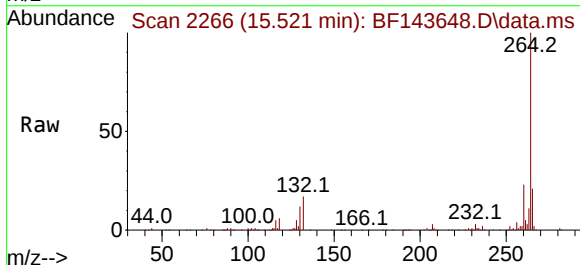
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

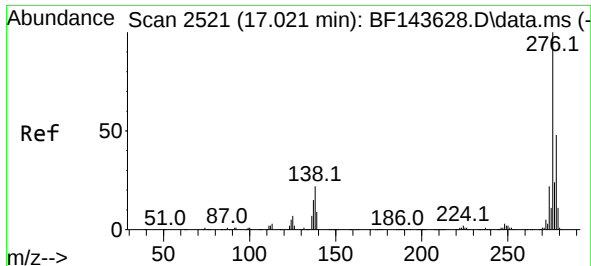
Tgt Ion:149 Resp: 509293
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.9 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion:264 Resp: 194952
Ion Ratio Lower Upper
264 100
260 23.2 18.9 28.3
265 21.5 17.1 25.7

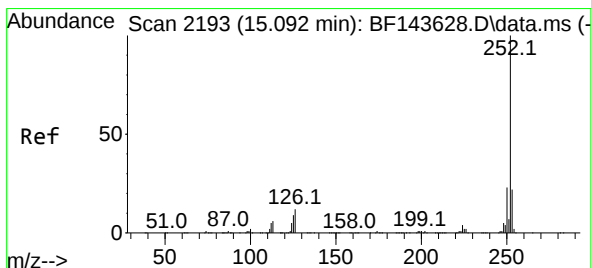
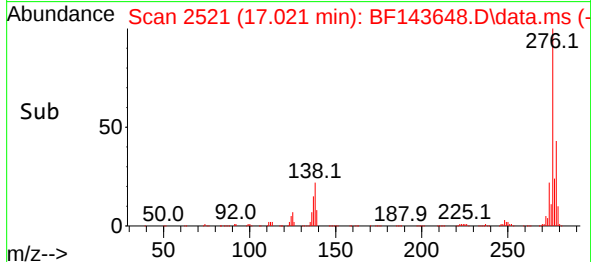
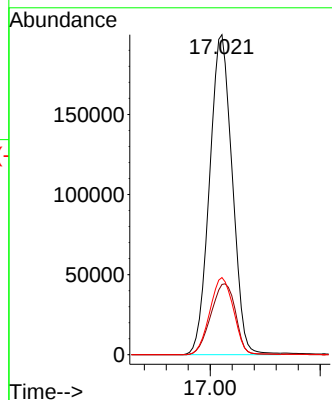
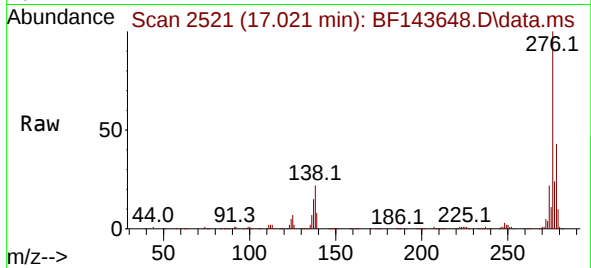




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.111 ng
RT: 17.021 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

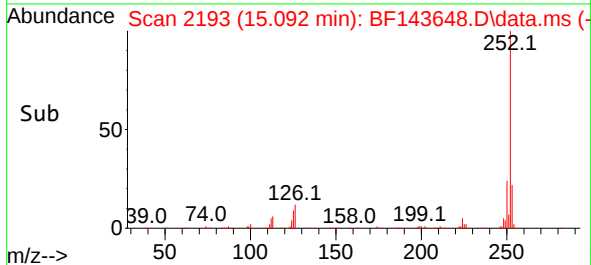
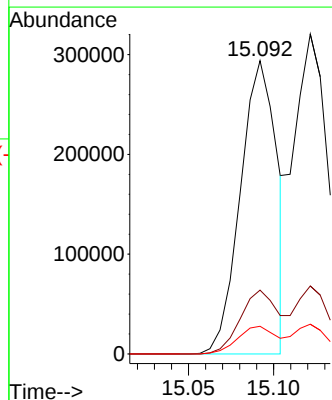
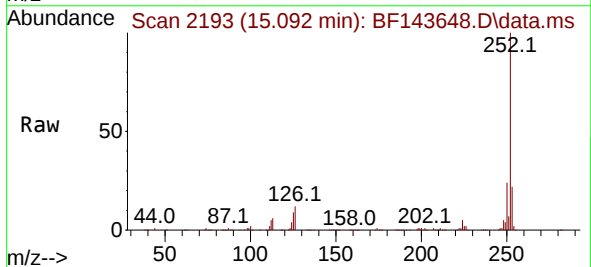
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

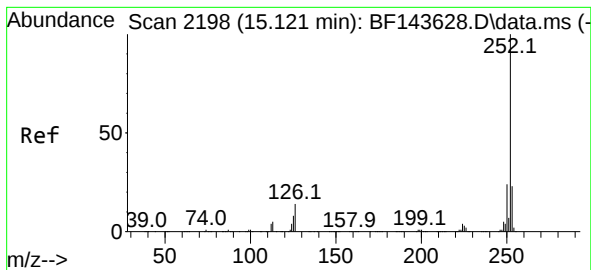
Tgt Ion:276 Resp: 572325
Ion Ratio Lower Upper
276 100
138 24.2 19.8 29.6
277 25.3 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 37.247 ng
RT: 15.092 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion:252 Resp: 437489
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 9.4 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 44.979 ng

RT: 15.121 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

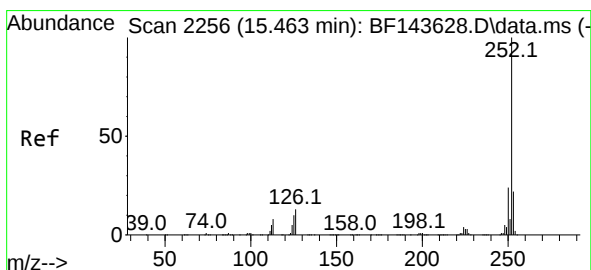
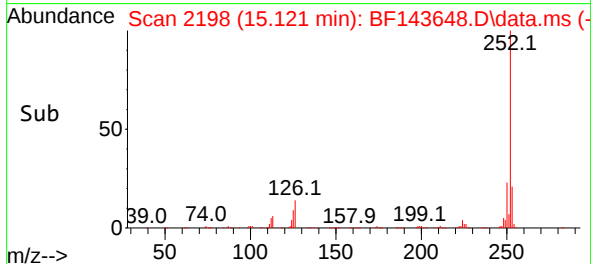
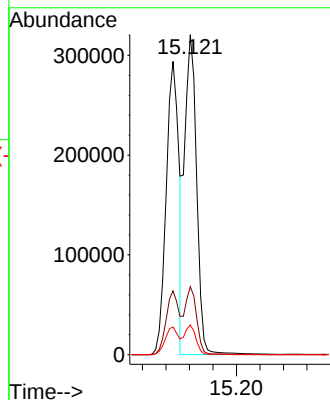
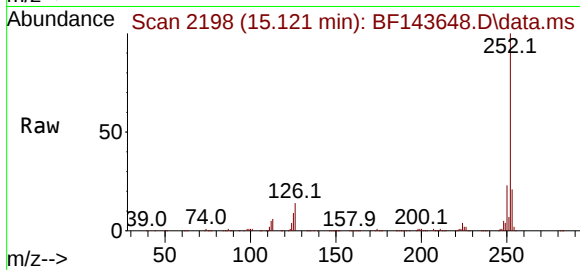
Tgt Ion:252 Resp: 456888

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.6

125 9.3 7.3 10.9



#90

Benzo(a)pyrene

Concen: 41.897 ng

RT: 15.463 min Scan# 2256

Delta R.T. 0.000 min

Lab File: BF143648.D

Acq: 04 Sep 2025 17:11

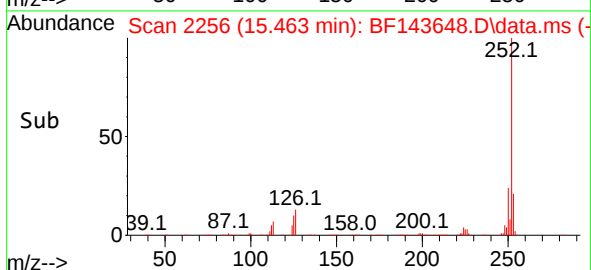
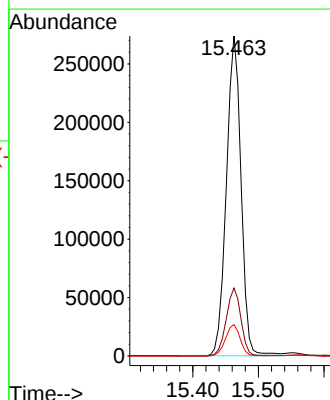
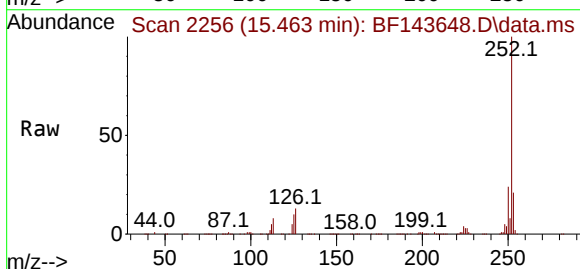
Tgt Ion:252 Resp: 423011

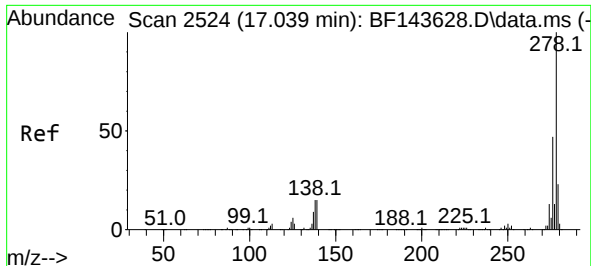
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.2

125 9.8 8.3 12.5

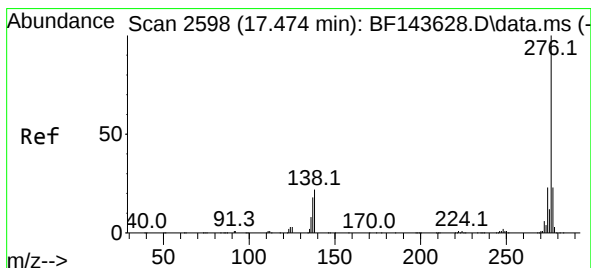
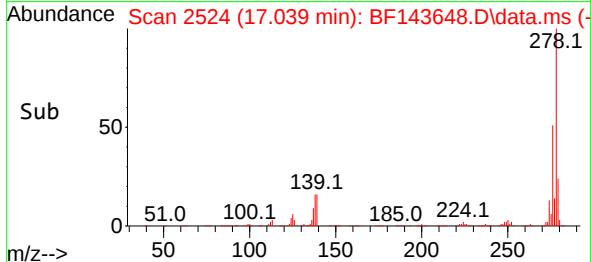
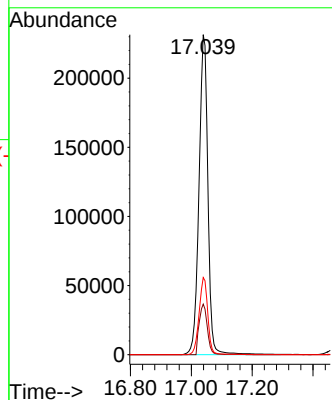
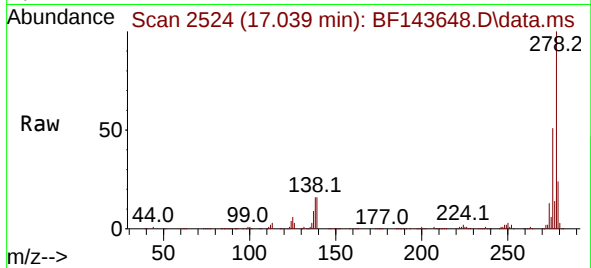




#91
Dibenzo(a,h)anthracene
Concen: 42.198 ng
RT: 17.039 min Scan# 2524
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 471709
Ion Ratio Lower Upper
278 100
139 15.8 12.4 18.6
279 24.1 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 41.609 ng
RT: 17.474 min Scan# 2598
Delta R.T. 0.000 min
Lab File: BF143648.D
Acq: 04 Sep 2025 17:11

Tgt Ion:276 Resp: 448060
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 20.5 17.2 25.8

