

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143399.D
 Acq On : 15 Aug 2025 03:54
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 15 05:14:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	154119	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	585558	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	307669	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	448323	20.000	ng	0.00
76) Chrysene-d12	14.098	240	298922	20.000	ng	0.00
86) Perylene-d12	15.592	264	377299	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	666444	74.777	ng	0.00
7) Phenol-d6	6.563	99	816901	71.476	ng	0.00
23) Nitrobenzene-d5	7.493	82	737761	78.460	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	193949	86.257	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1308576	72.124	ng	0.00
79) Terphenyl-d14	13.039	244	1104297	65.955	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	178884	38.788	ng	97
3) Pyridine	3.516	79	440108	35.812	ng	98
4) n-Nitrosodimethylamine	3.458	42	199433	34.837	ng	98
6) Aniline	6.598	93	562376	34.903	ng	98
8) 2-Chlorophenol	6.722	128	368039	38.646	ng	96
9) Benzaldehyde	6.487	77	247585	32.775	ng	97
10) Phenol	6.581	94	481619	35.572	ng	96
11) bis(2-Chloroethyl)ether	6.663	93	359103	35.987	ng	99
12) 1,3-Dichlorobenzene	6.875	146	399589	36.378	ng	99
13) 1,4-Dichlorobenzene	6.951	146	401173	36.389	ng	100
14) 1,2-Dichlorobenzene	7.104	146	380149	36.325	ng	100
15) Benzyl Alcohol	7.075	79	303375	37.031	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	604495	33.932	ng	100
17) 2-Methylphenol	7.187	107	298798	37.170	ng	99
18) Hexachloroethane	7.451	117	137360	39.741	ng	94
19) n-Nitroso-di-n-propyla...	7.345	70	240660	34.078	ng	99
20) 3+4-Methylphenols	7.340	107	350891	36.093	ng	98
22) Acetophenone	7.340	105	450772	34.939	ng	97
24) Nitrobenzene	7.510	77	391763	38.363	ng	99
25) Isophorone	7.751	82	679055	35.375	ng	100
26) 2-Nitrophenol	7.828	139	189734	46.487	ng	99
27) 2,4-Dimethylphenol	7.863	122	291354	36.381	ng	98
28) bis(2-Chloroethoxy)met...	7.957	93	426215	36.367	ng	99
29) 2,4-Dichlorophenol	8.075	162	308637	39.458	ng	98
30) 1,2,4-Trichlorobenzene	8.157	180	309994	37.571	ng	100
31) Naphthalene	8.240	128	1015616	36.045	ng	99
32) Benzoic acid	7.981	122	148637	44.034	ng	97
33) 4-Chloroaniline	8.281	127	369334	36.342	ng	100
34) Hexachlorobutadiene	8.357	225	197920	38.562	ng	99
35) Caprolactam	8.645	113	86672	39.416	ng	99
36) 4-Chloro-3-methylphenol	8.763	107	303083	36.961	ng	98
37) 2-Methylnaphthalene	8.928	142	668140	36.070	ng	99
38) 1-Methylnaphthalene	9.028	142	640396	35.896	ng	100
40) 1,2,4,5-Tetrachloroben...	9.098	216	313835	37.276	ng	99
41) Hexachlorocyclopentadiene	9.087	237	149463	52.784	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	197297	41.302	ng	100

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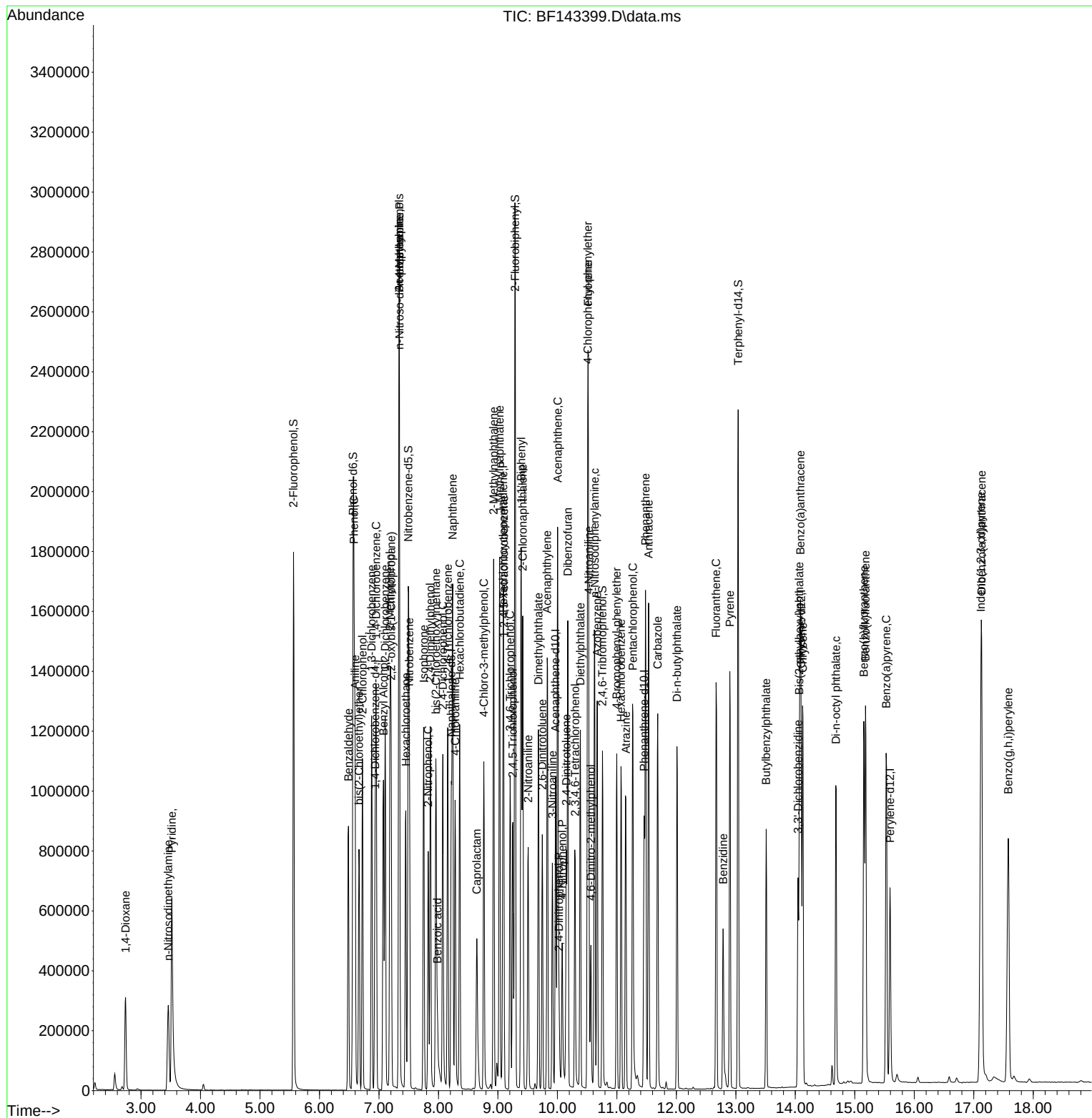
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	214438	39.752	ng	97
46) 1,1'-Biphenyl	9.392	154	786326	36.146	ng	99
47) 2-Chloronaphthalene	9.416	162	628536	36.686	ng	99
48) 2-Nitroaniline	9.510	65	190071	39.015	ng	94
49) Acenaphthylene	9.828	152	898622	36.320	ng	99
50) Dimethylphthalate	9.681	163	682495	37.964	ng	100
51) 2,6-Dinitrotoluene	9.745	165	145324	43.044	ng	95
52) Acenaphthene	10.004	154	598801	36.404	ng	99
53) 3-Nitroaniline	9.916	138	157424	42.759	ng	97
54) 2,4-Dinitrophenol	10.028	184	59555	51.347	ng	# 82
55) Dibenzofuran	10.175	168	846919	35.775	ng	99
56) 4-Nitrophenol	10.081	139	114908	41.856	ng	96
57) 2,4-Dinitrotoluene	10.151	165	189688	42.395	ng	89
58) Fluorene	10.516	166	630662	34.878	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.298	232	158397	43.560	ng	97
60) Diethylphthalate	10.386	149	622164	38.637	ng	99
61) 4-Chlorophenyl-phenyle...	10.510	204	320765	36.713	ng	98
62) 4-Nitroaniline	10.528	138	142815	40.094	ng	98
63) Azobenzene	10.669	77	633989	34.469	ng	97
65) 4,6-Dinitro-2-methylph...	10.563	198	88176	48.521	ng	91
66) n-Nitrosodiphenylamine	10.628	169	544301	36.871	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	197816	38.580	ng	98
68) Hexachlorobenzene	11.069	284	206818	37.421	ng	98
69) Atrazine	11.151	200	163775	42.535	ng	99
70) Pentachlorophenol	11.269	266	258266	94.322	ng	96
71) Phenanthrene	11.480	178	874214	35.740	ng	100
72) Anthracene	11.533	178	876126	35.318	ng	100
73) Carbazole	11.686	167	740341	35.043	ng	99
74) Di-n-butylphthalate	12.010	149	810616	45.343	ng	100
75) Fluoranthene	12.669	202	775610	36.199	ng	99
77) Benzidine	12.786	184	322181	39.424	ng	98
78) Pyrene	12.898	202	798173	31.829	ng	99
80) Butylbenzylphthalate	13.510	149	267587	53.579	ng	97
81) Benzo(a)anthracene	14.086	228	672240	35.382	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	226457	44.142	ng	99
83) Chrysene	14.127	228	662658	37.405	ng	99
84) Bis(2-ethylhexyl)phtha...	14.069	149	376483	51.348	ng	98
85) Di-n-octyl phthalate	14.686	149	690916	47.658	ng	95
87) Indeno(1,2,3-cd)pyrene	17.121	276	977103	36.148	ng	99
88) Benzo(b)fluoranthene	15.151	252	799255	38.730	ng	99
89) Benzo(k)fluoranthene	15.180	252	687057	34.263	ng	99
90) Benzo(a)pyrene	15.527	252	716381	36.858	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	769353	35.627	ng	99
92) Benzo(g,h,i)perylene	17.580	276	765398	35.184	ng	99

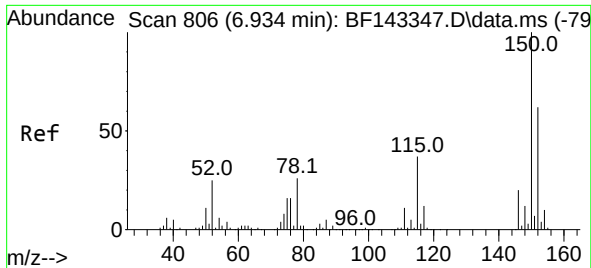
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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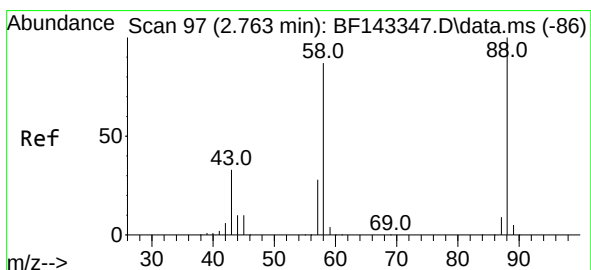
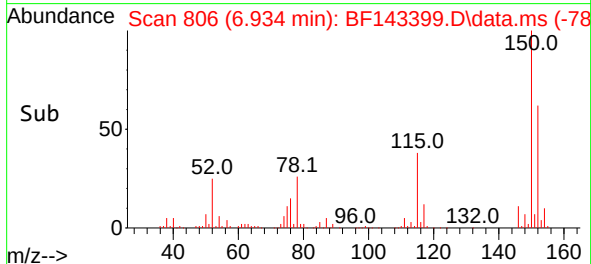
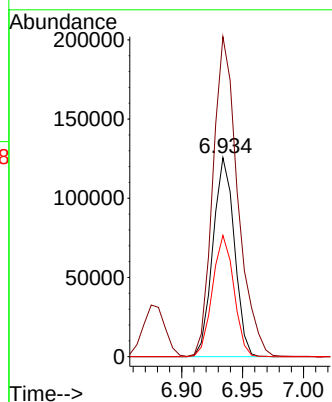
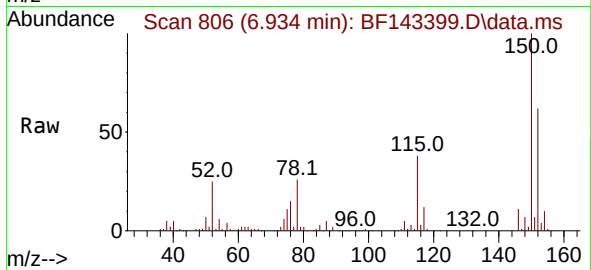




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.934 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF143399.D
 Acq: 15 Aug 2025 03:54

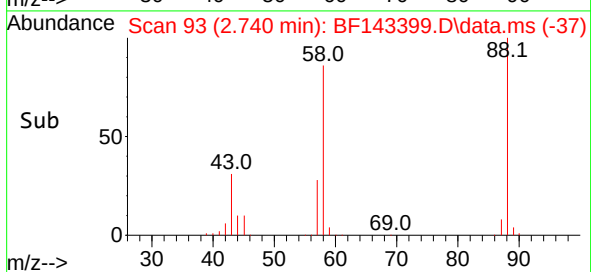
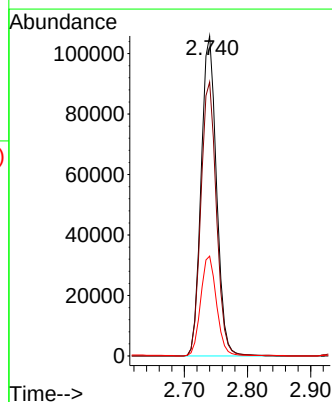
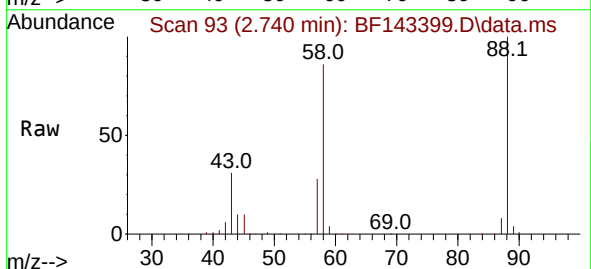
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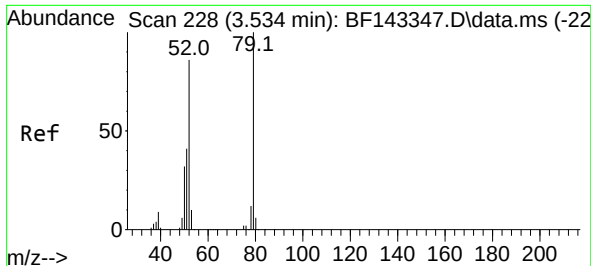
Tgt Ion:152 Resp: 154119
 Ion Ratio Lower Upper
 152 100
 150 160.8 129.8 194.8
 115 60.9 47.8 71.8



#2
 1,4-Dioxane
 Concen: 38.788 ng
 RT: 2.740 min Scan# 93
 Delta R.T. -0.023 min
 Lab File: BF143399.D
 Acq: 15 Aug 2025 03:54

Tgt Ion: 88 Resp: 178884
 Ion Ratio Lower Upper
 88 100
 58 86.5 71.0 106.6
 43 32.2 27.0 40.6





#3

Pyridine

Concen: 35.812 ng

RT: 3.516 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

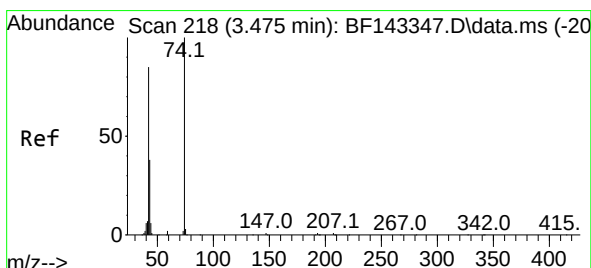
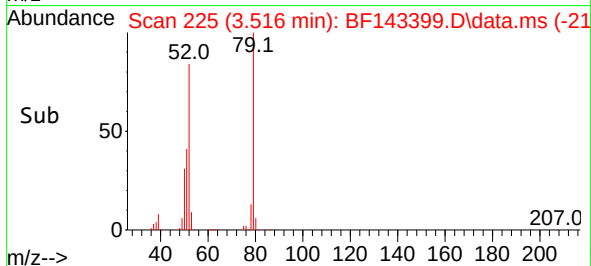
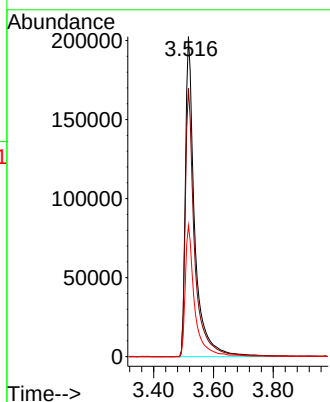
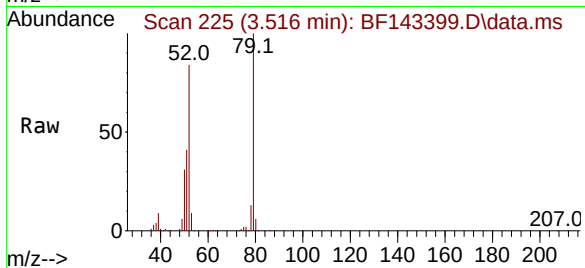
Tgt Ion: 79 Resp: 440108

Ion Ratio Lower Upper

79 100

52 83.8 68.7 103.1

51 41.0 33.4 50.0



#4

n-Nitrosodimethylamine

Concen: 34.837 ng

RT: 3.458 min Scan# 215

Delta R.T. -0.018 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

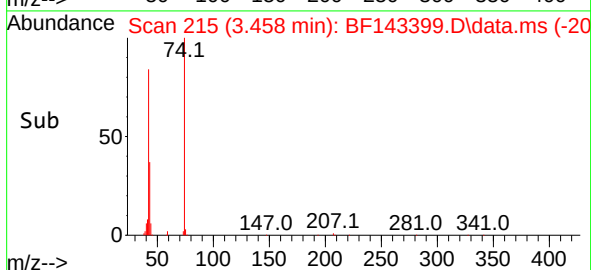
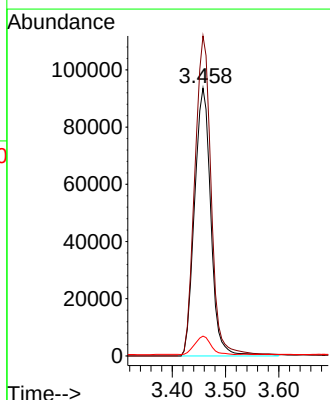
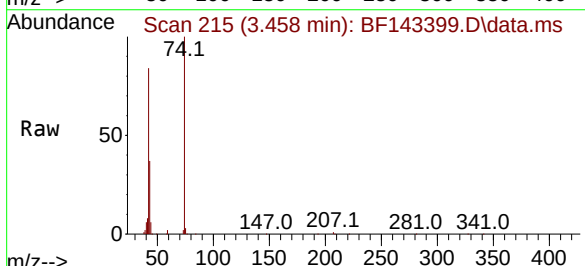
Tgt Ion: 42 Resp: 199433

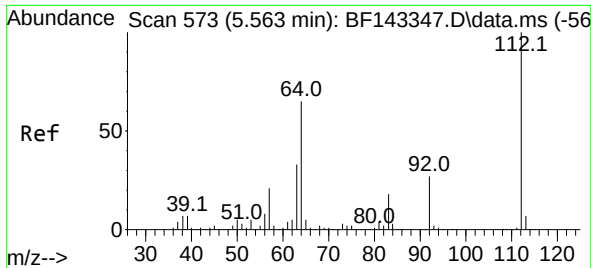
Ion Ratio Lower Upper

42 100

74 119.4 94.1 141.1

44 7.4 6.5 9.7

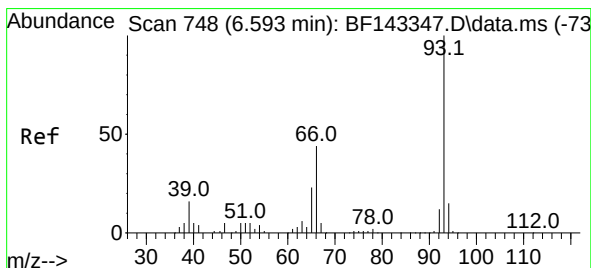
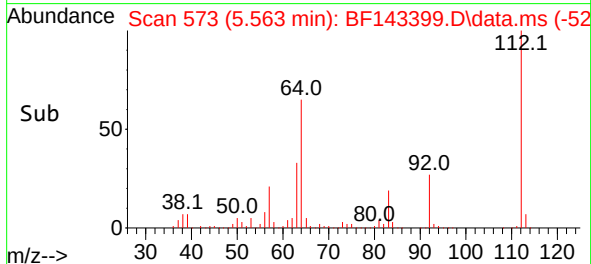
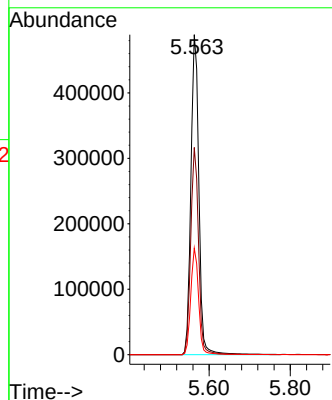
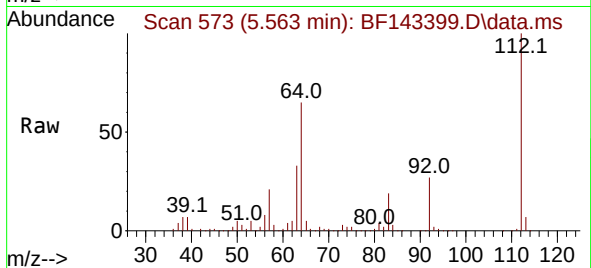




#5
2-Fluorophenol
Concen: 74.777 ng
RT: 5.563 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

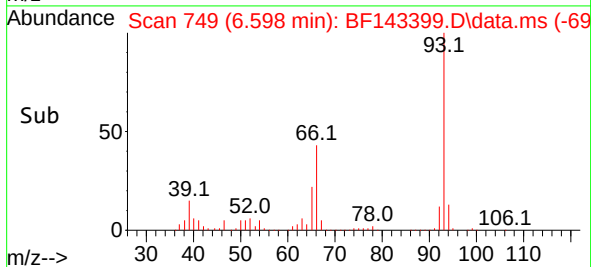
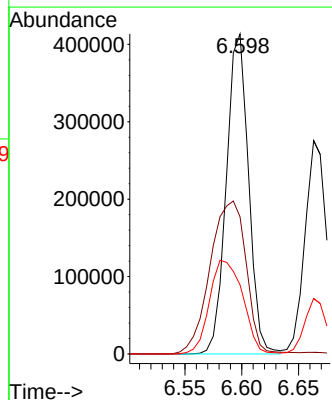
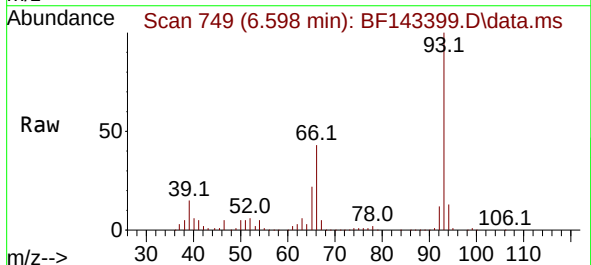
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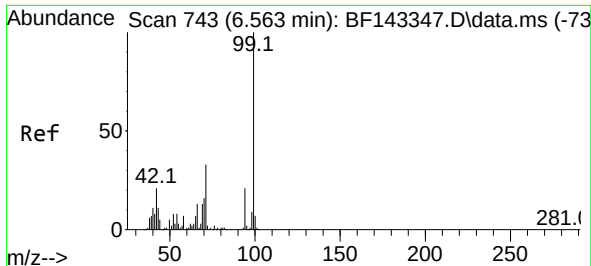
Tgt Ion:112 Resp: 666444
Ion Ratio Lower Upper
112 100
64 64.8 52.1 78.1
63 33.3 26.6 39.8



#6
Aniline
Concen: 34.903 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion: 93 Resp: 562376
Ion Ratio Lower Upper
93 100
66 42.8 35.3 52.9
65 21.6 18.2 27.4

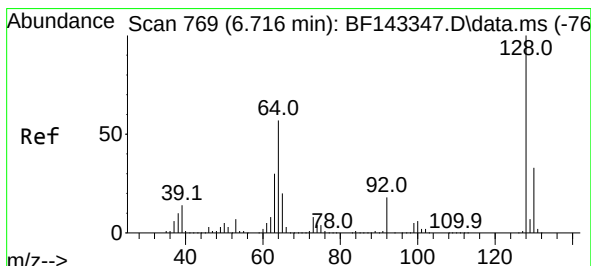
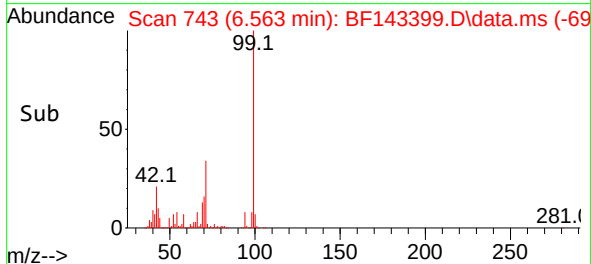
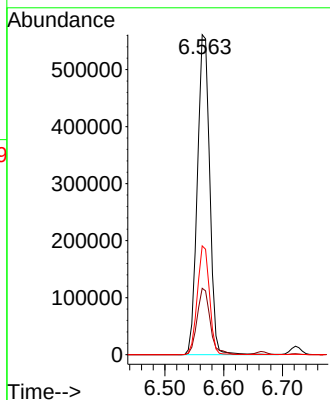
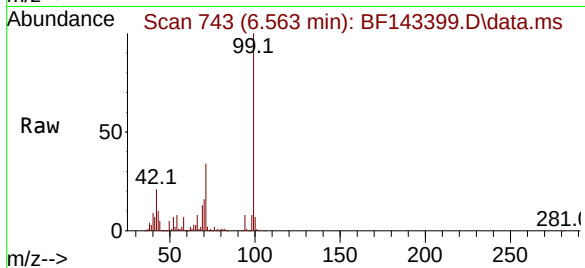




#7
Phenol-d6
Concen: 71.476 ng
RT: 6.563 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

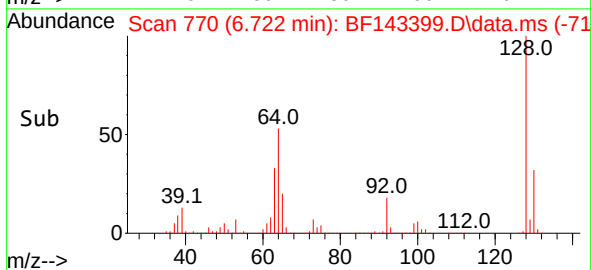
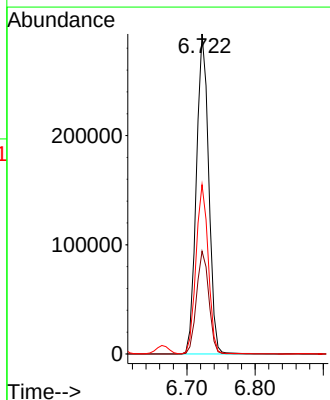
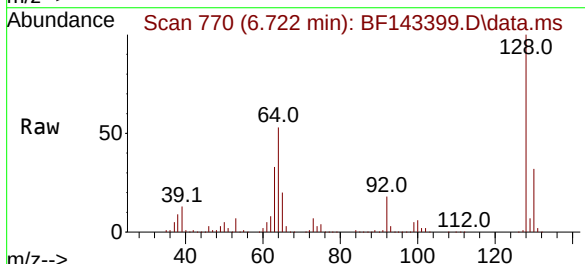
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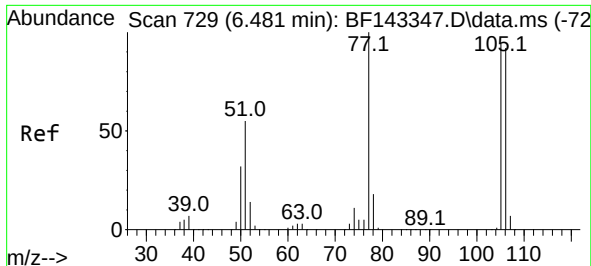
Tgt Ion: 99 Resp: 816901
Ion Ratio Lower Upper
99 100
42 20.7 16.6 25.0
71 34.0 26.2 39.2



#8
2-Chlorophenol
Concen: 38.646 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion: 128 Resp: 368039
Ion Ratio Lower Upper
128 100
130 32.1 12.6 52.6
64 52.9 36.7 76.7

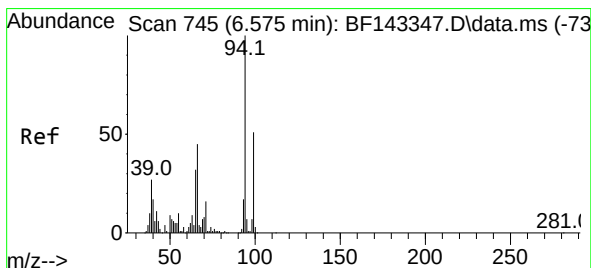
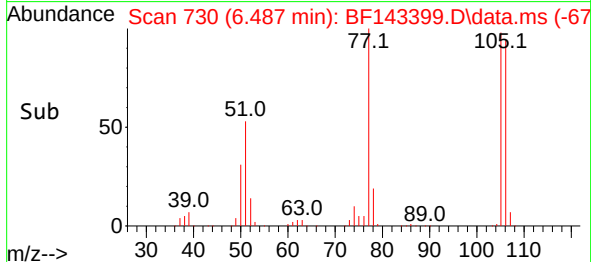
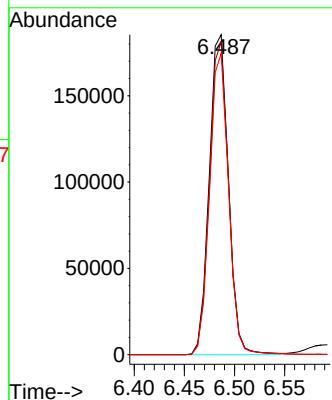
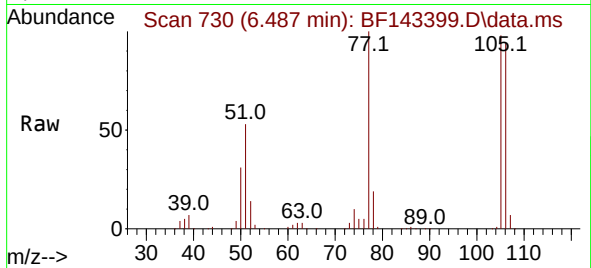




#9
Benzaldehyde
Concen: 32.775 ng
RT: 6.487 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF143399.D
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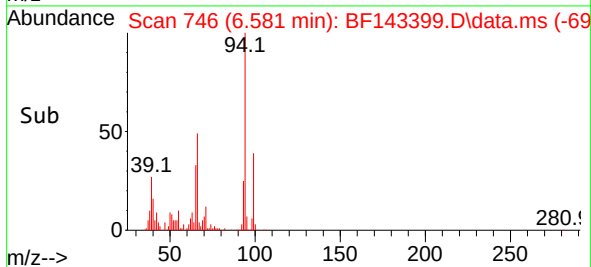
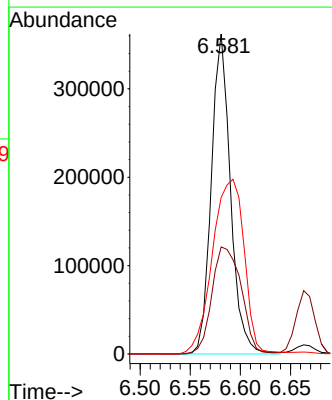
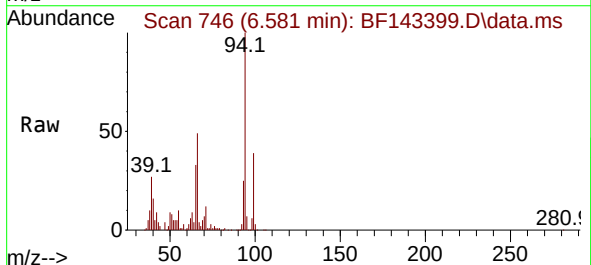
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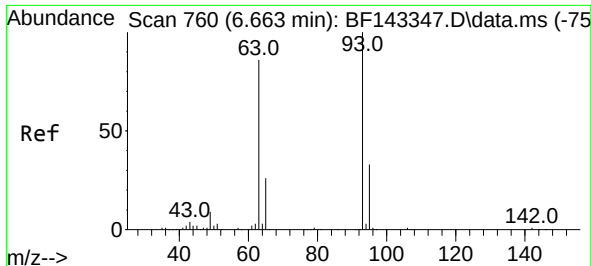
Tgt Ion: 77 Resp: 247585
Ion Ratio Lower Upper
77 100
105 97.8 74.2 114.2
106 94.2 72.2 112.2



#10
Phenol
Concen: 35.572 ng
RT: 6.581 min Scan# 746
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 481619
Ion Ratio Lower Upper
94 100
65 33.5 12.0 52.0
66 49.0 25.6 65.6

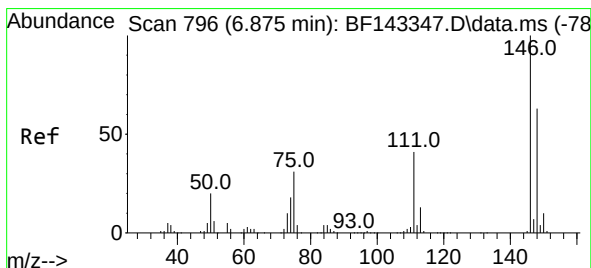
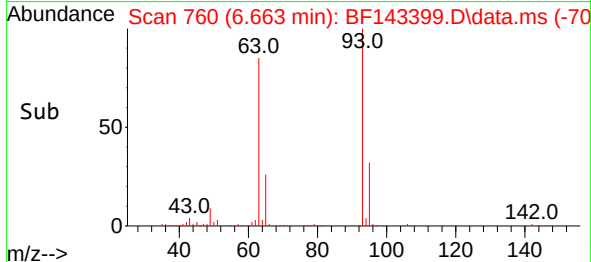
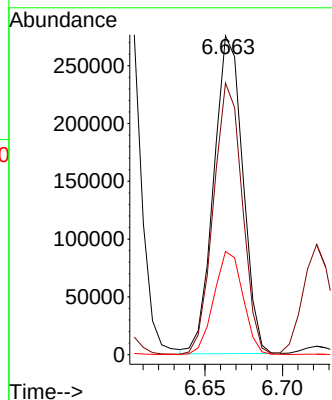
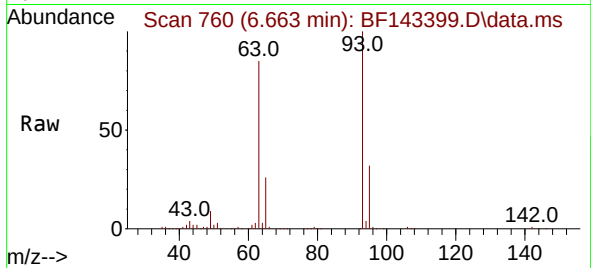




#11
bis(2-Chloroethyl)ether
Concen: 35.987 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

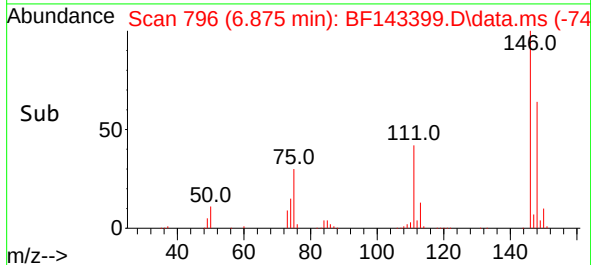
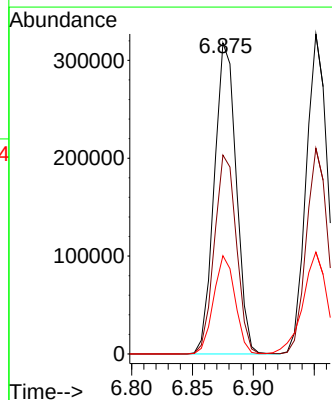
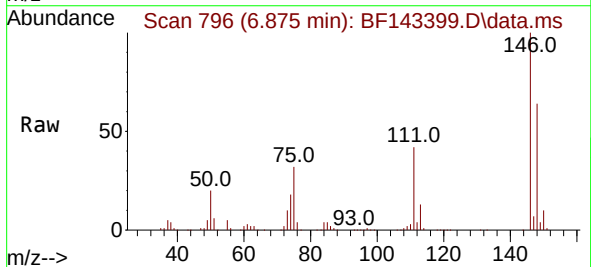
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

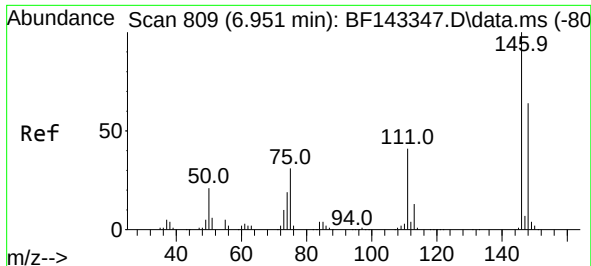
Tgt Ion: 93 Resp: 359103
Ion Ratio Lower Upper
93 100
63 85.2 65.7 105.7
95 32.4 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 36.378 ng
RT: 6.875 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion: 146 Resp: 399589
Ion Ratio Lower Upper
146 100
148 64.0 50.5 75.7
75 31.6 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 36.389 ng

RT: 6.951 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

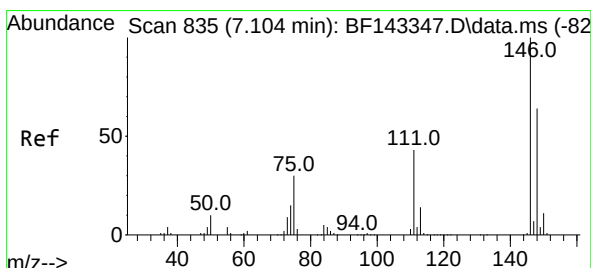
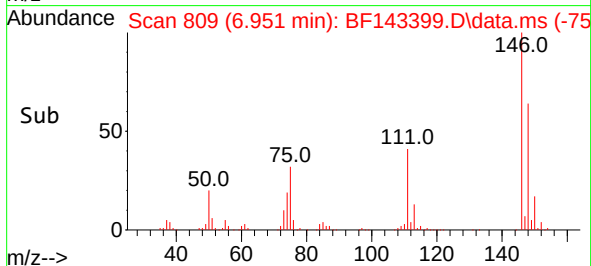
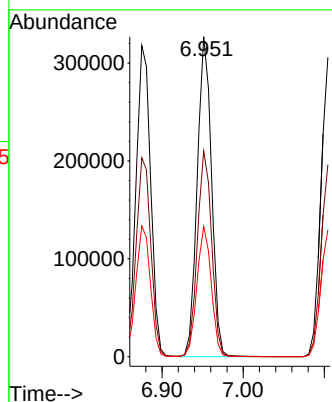
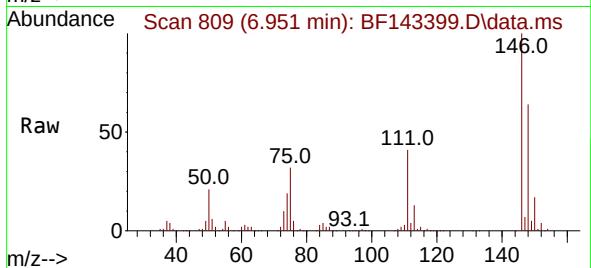
Tgt Ion:146 Resp: 401173

Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.0

111 40.7 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 36.325 ng

RT: 7.104 min Scan# 835

Delta R.T. 0.000 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

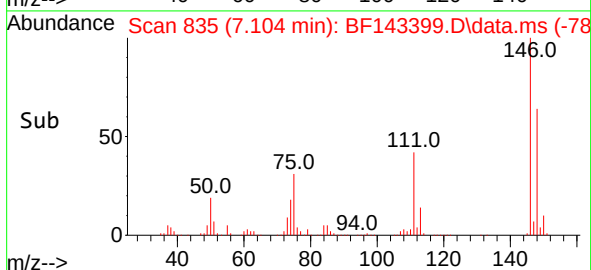
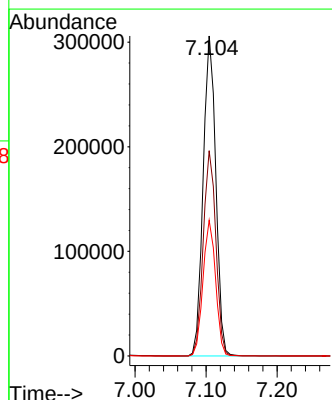
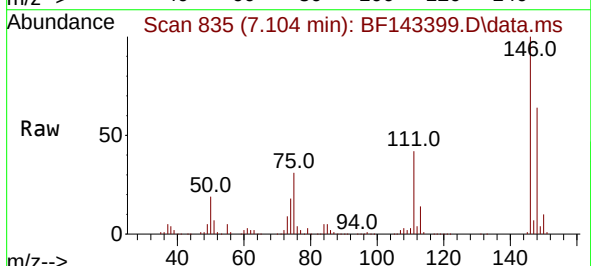
Tgt Ion:146 Resp: 380149

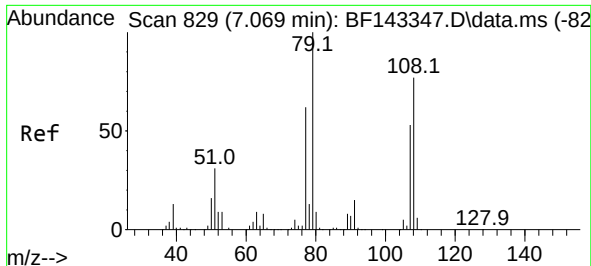
Ion Ratio Lower Upper

146 100

148 64.1 51.4 77.2

111 42.4 34.1 51.1

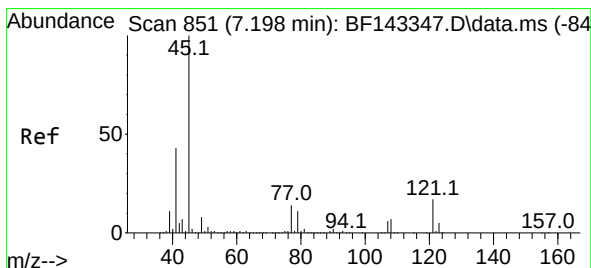
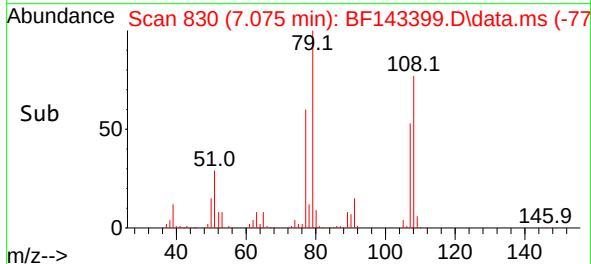
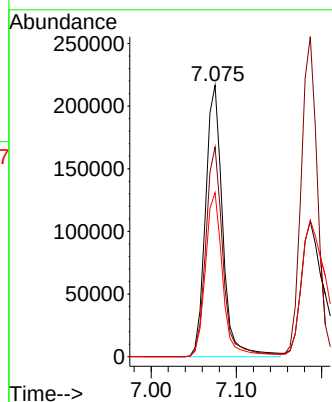
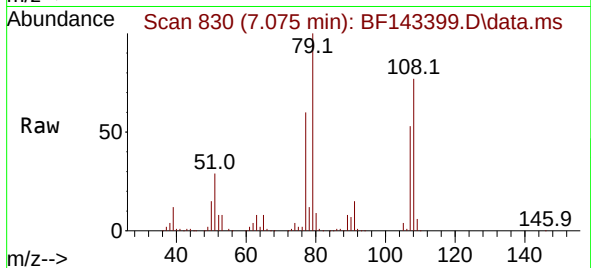




#15
Benzyl Alcohol
Concen: 37.031 ng
RT: 7.075 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

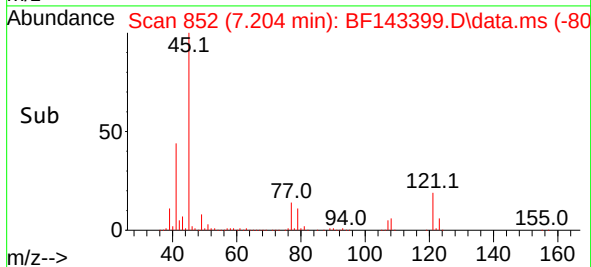
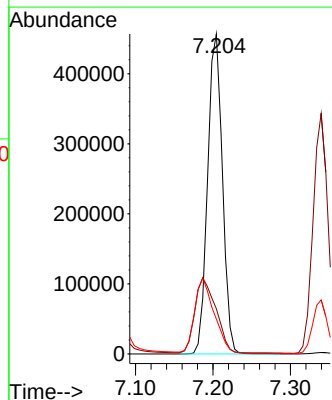
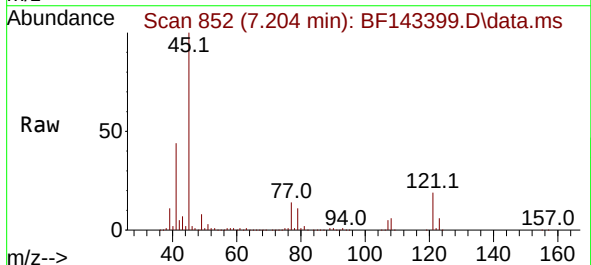
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

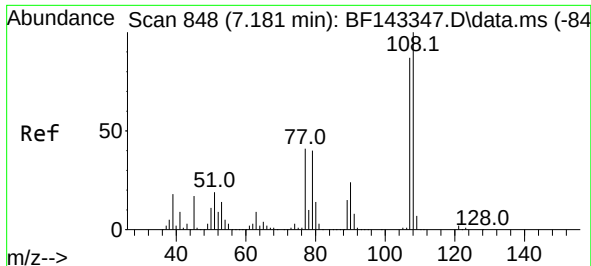
Tgt Ion: 79 Resp: 303375
Ion Ratio Lower Upper
79 100
108 77.2 61.5 92.3
77 60.5 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.932 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion: 45 Resp: 604495
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.0
79 10.9 0.0 31.1

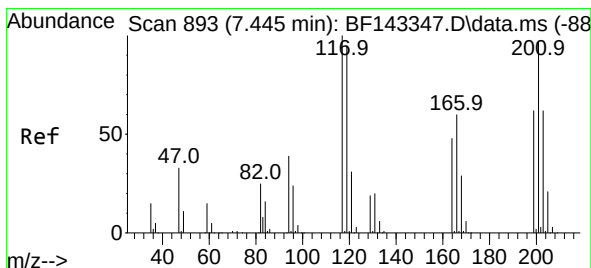
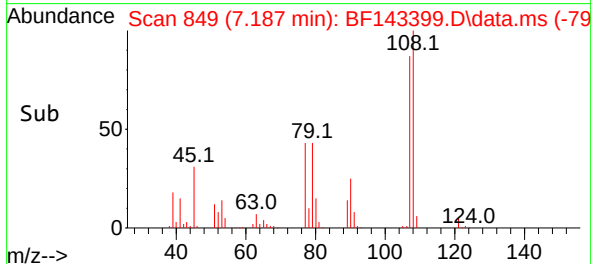
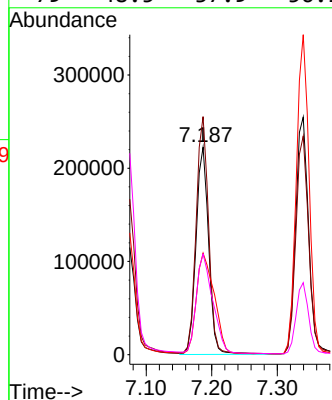
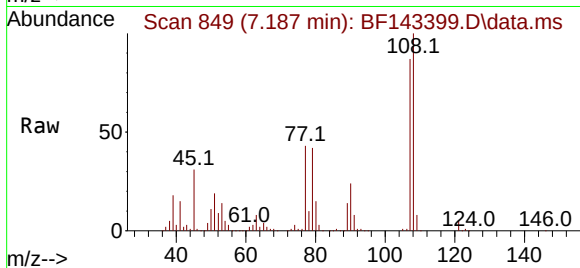




#17
2-Methylphenol
Concen: 37.170 ng
RT: 7.187 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

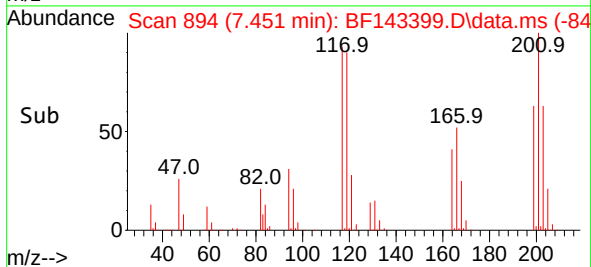
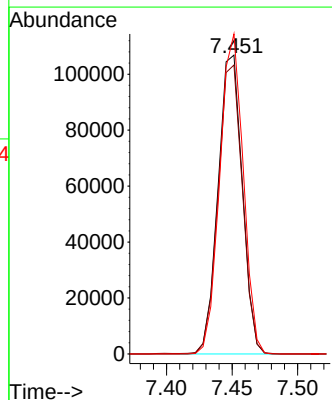
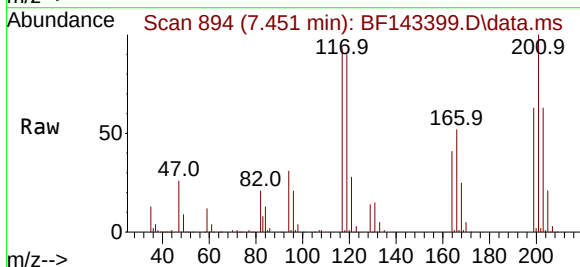
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

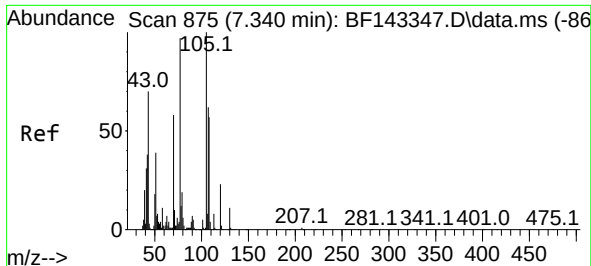
Tgt Ion:	107	Resp:	298798
Ion	Ratio	Lower	Upper
107	100		
108	114.7	92.0	138.0
77	48.9	38.2	57.2
79	48.5	37.9	56.9



#18
Hexachloroethane
Concen: 39.741 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion:	117	Resp:	137360
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.8	113.8
201	107.1	77.2	115.8





#19

n-Nitroso-di-n-propylamine

Concen: 34.078 ng

RT: 7.345 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 240660

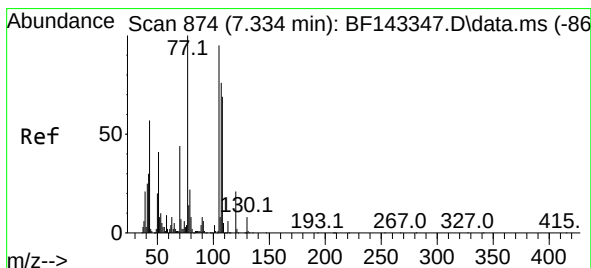
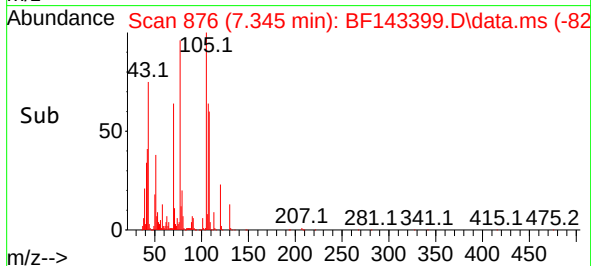
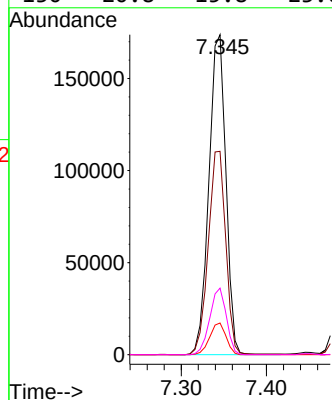
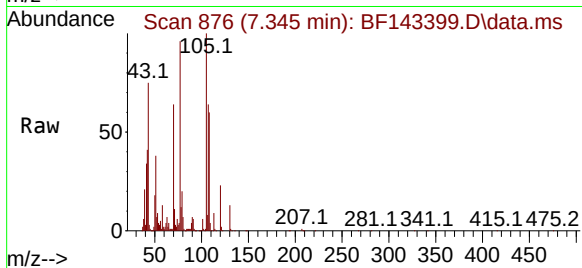
Ion Ratio Lower Upper

70 100

42 63.6 51.6 77.4

101 9.9 7.5 11.3

130 20.8 15.8 23.6



#20

3+4-Methylphenols

Concen: 36.093 ng

RT: 7.340 min Scan# 875

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Tgt Ion: 107 Resp: 350891

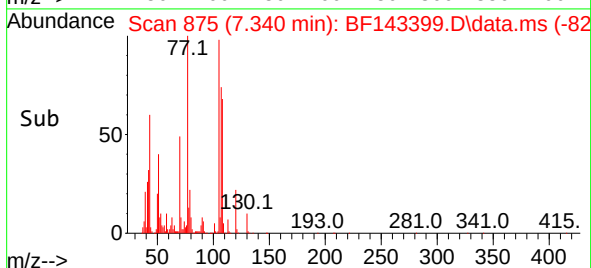
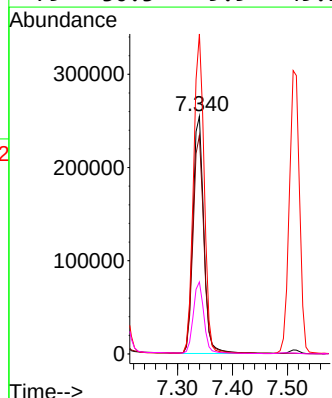
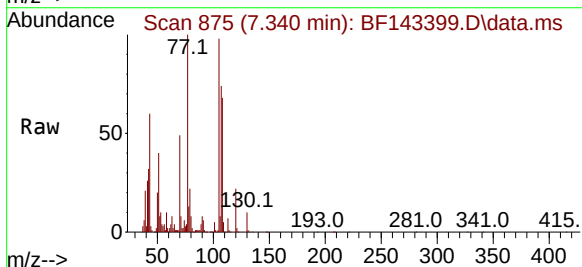
Ion Ratio Lower Upper

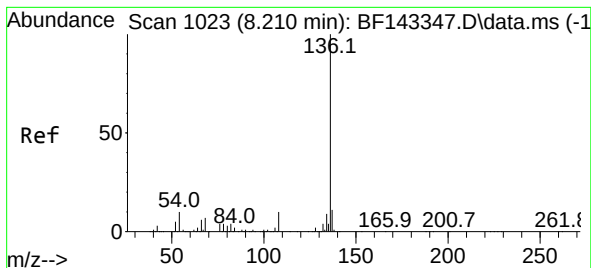
107 100

108 91.9 70.6 110.6

77 134.6 112.0 152.0

79 30.3 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.216 min Scan# 1024

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 585558

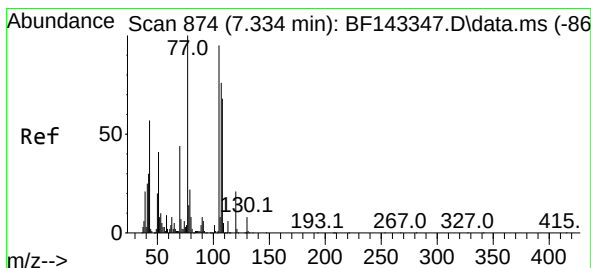
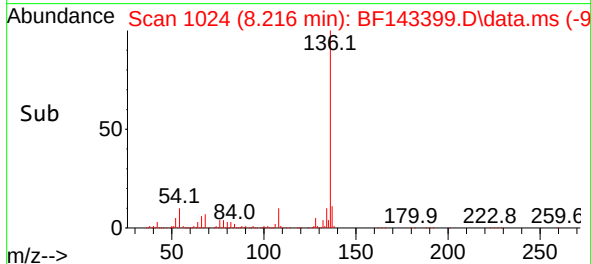
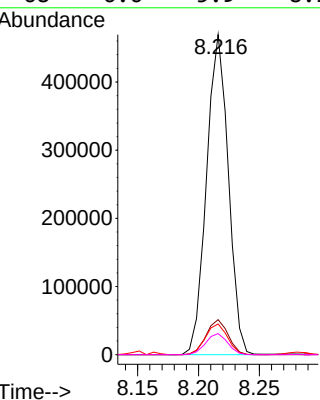
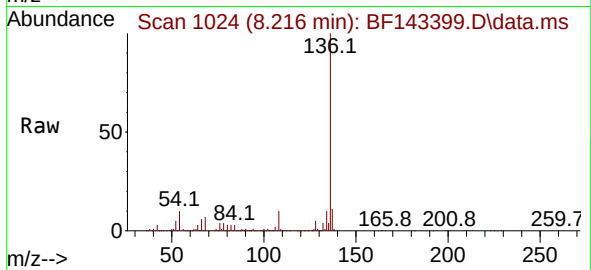
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 9.6 8.4 12.6

68 6.6 5.9 8.9



#22

Acetophenone

Concen: 34.939 ng

RT: 7.340 min Scan# 875

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Tgt Ion:105 Resp: 450772

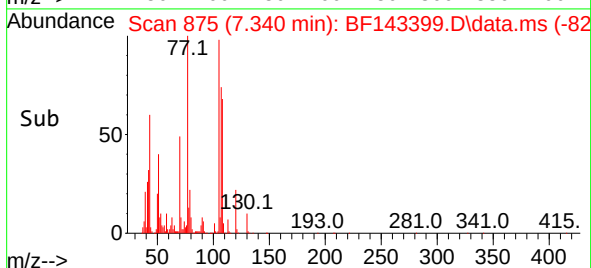
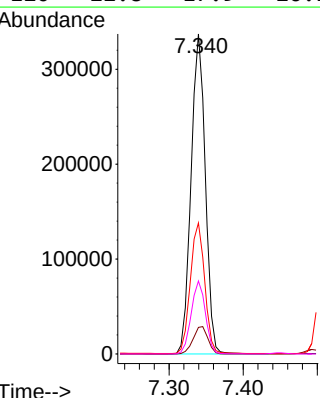
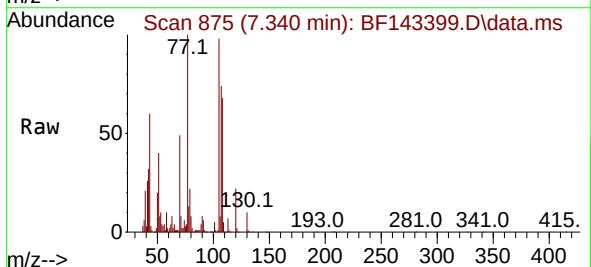
Ion Ratio Lower Upper

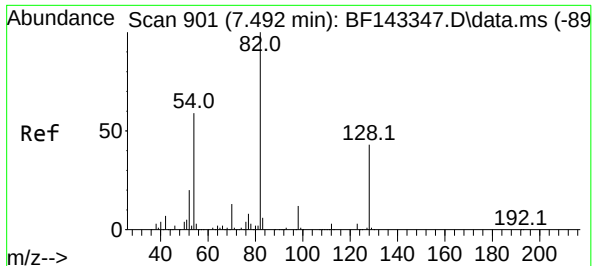
105 100

71 8.3 6.2 9.4

51 41.0 34.8 52.2

120 22.8 17.9 26.9





#23

Nitrobenzene-d5

Concen: 78.460 ng

RT: 7.493 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

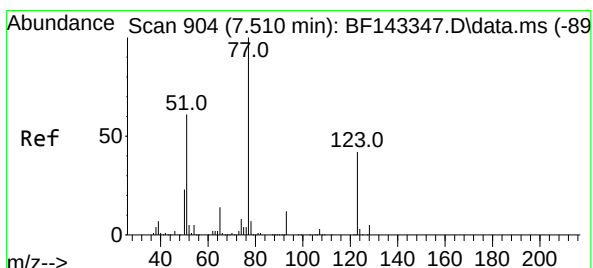
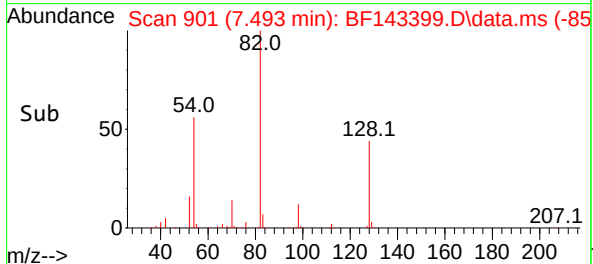
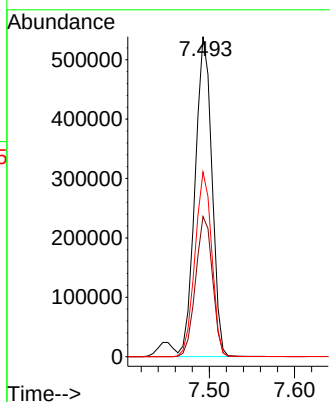
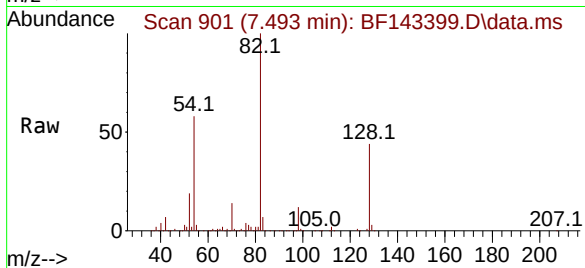
Tgt Ion: 82 Resp: 737761

Ion Ratio Lower Upper

82 100

128 43.8 33.5 50.3

54 57.7 46.7 70.1



#24

Nitrobenzene

Concen: 38.363 ng

RT: 7.510 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

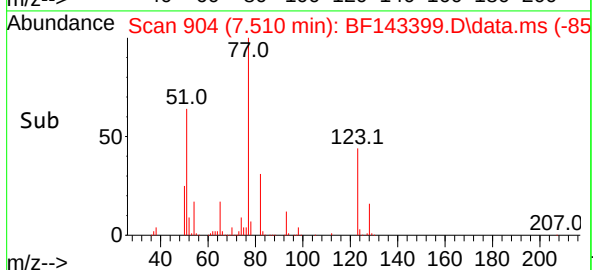
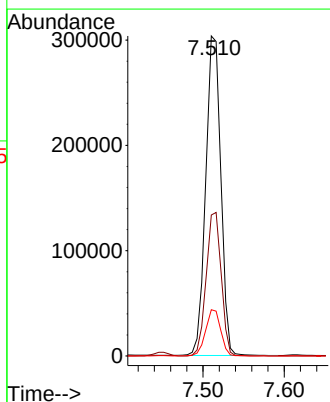
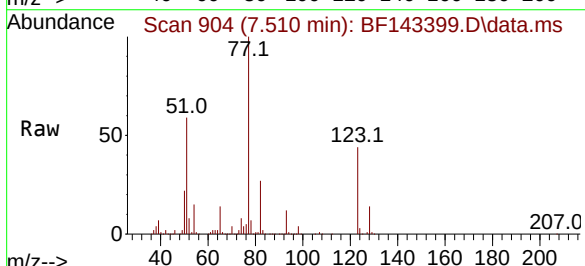
Tgt Ion: 77 Resp: 391763

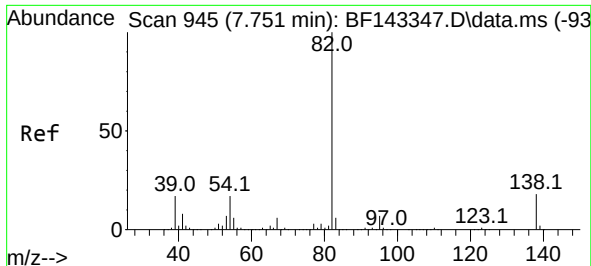
Ion Ratio Lower Upper

77 100

123 44.1 34.8 52.2

65 14.5 11.0 16.6

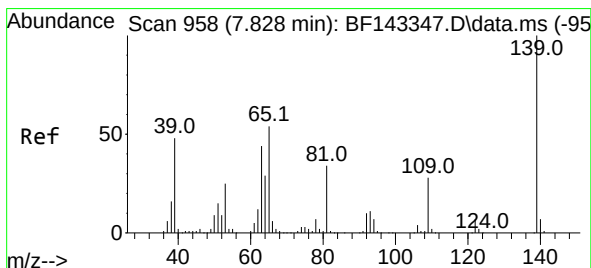
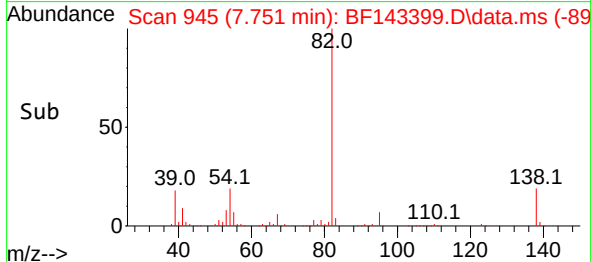
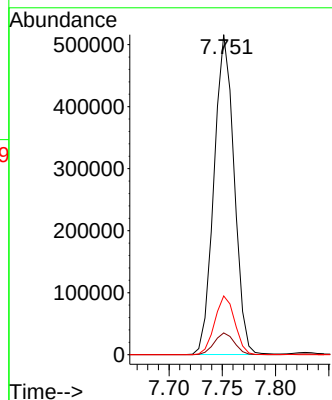
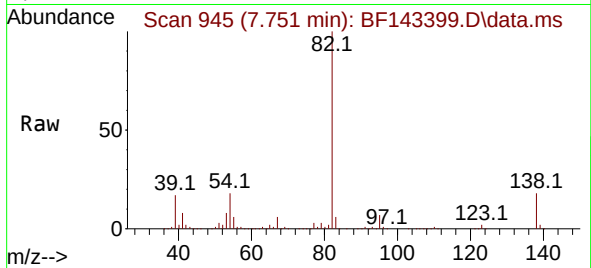




#25
Isophorone
Concen: 35.375 ng
RT: 7.751 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

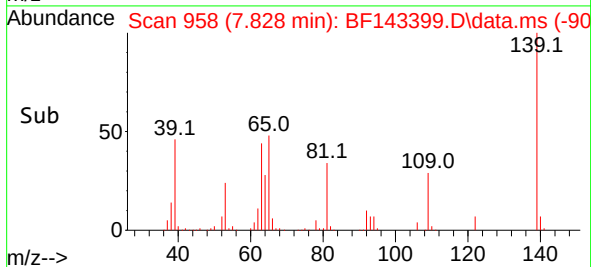
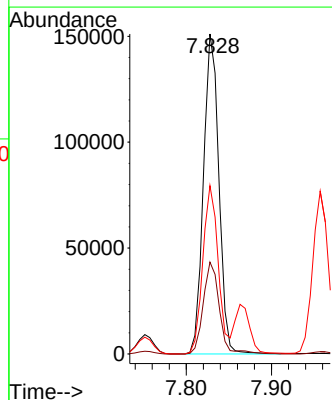
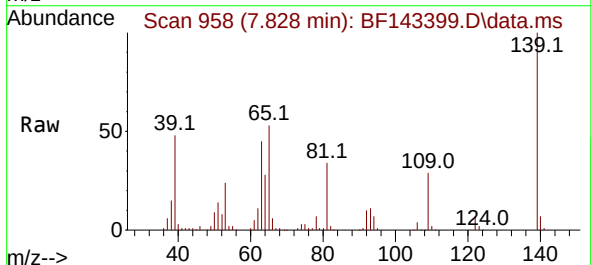
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

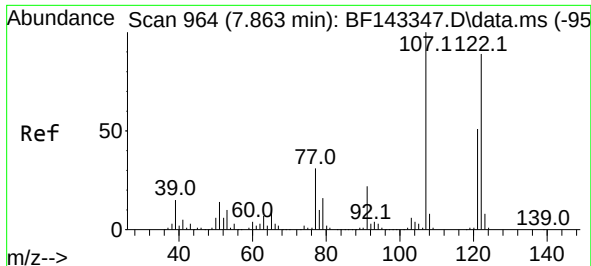
Tgt Ion: 82 Resp: 679055
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.3 14.6 21.8



#26
2-Nitrophenol
Concen: 46.487 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion: 139 Resp: 189734
Ion Ratio Lower Upper
139 100
109 28.7 22.4 33.6
65 52.6 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 36.381 ng

RT: 7.863 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

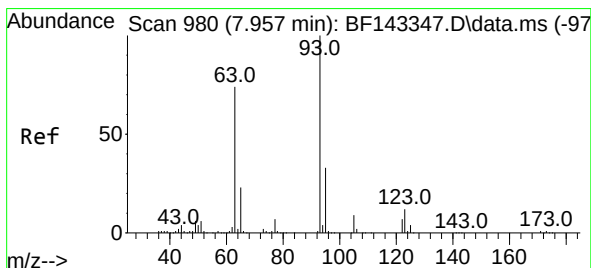
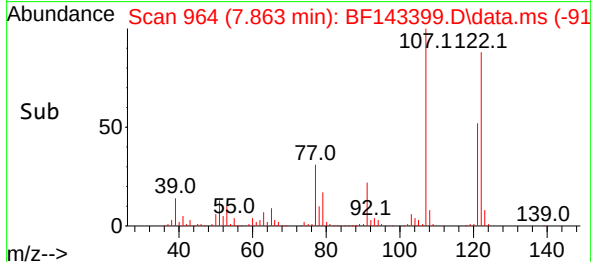
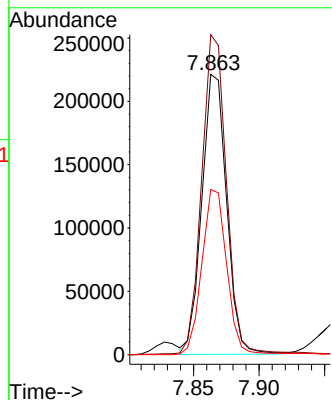
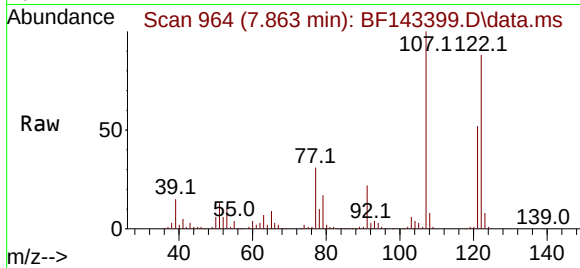
Tgt Ion:122 Resp: 291354

Ion Ratio Lower Upper

122 100

107 114.2 89.9 134.9

121 58.9 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 36.367 ng

RT: 7.957 min Scan# 980

Delta R.T. 0.000 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

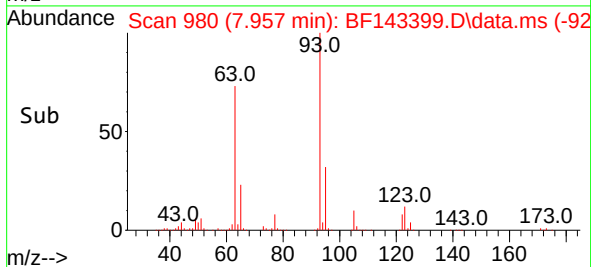
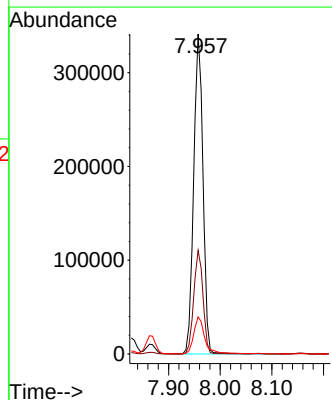
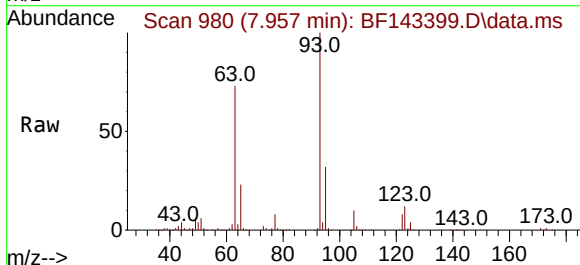
Tgt Ion: 93 Resp: 426215

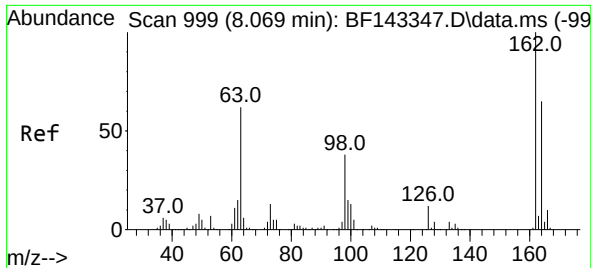
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

123 11.6 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 39.458 ng

RT: 8.075 min Scan# 1000

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

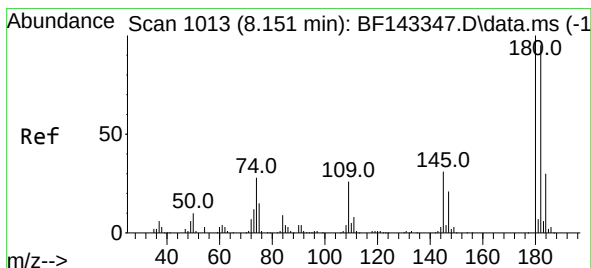
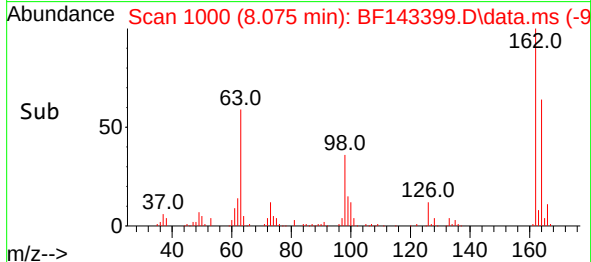
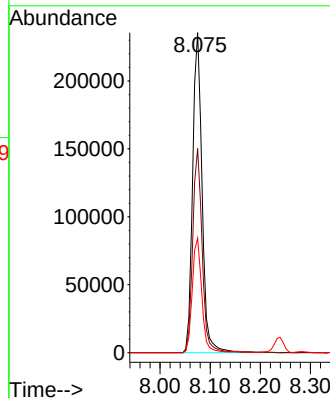
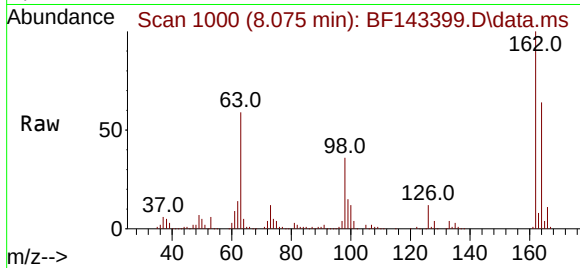
Tgt Ion:162 Resp: 308637

Ion Ratio Lower Upper

162 100

164 63.8 44.5 84.5

98 35.8 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 37.571 ng

RT: 8.157 min Scan# 1014

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

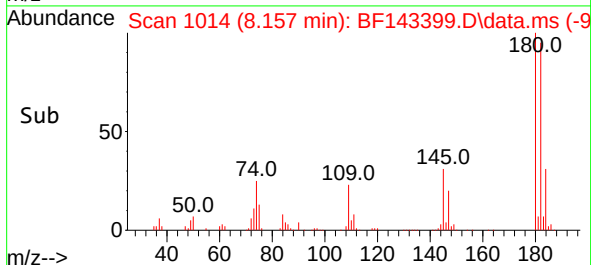
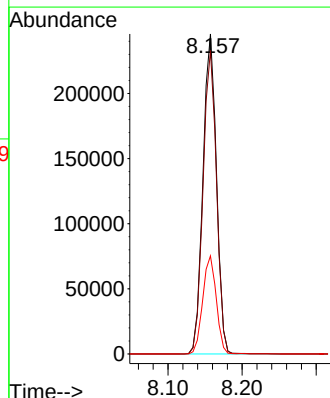
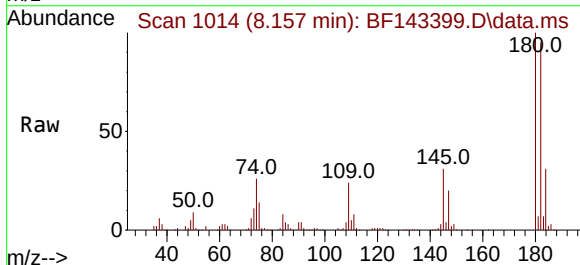
Tgt Ion:180 Resp: 309994

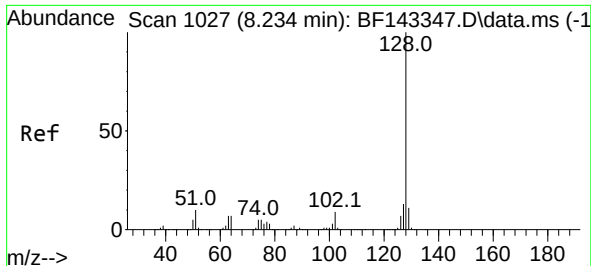
Ion Ratio Lower Upper

180 100

182 94.8 76.1 114.1

145 30.7 24.9 37.3

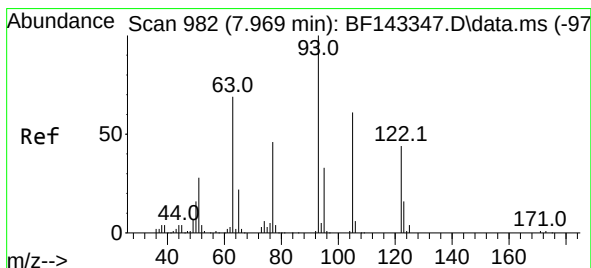
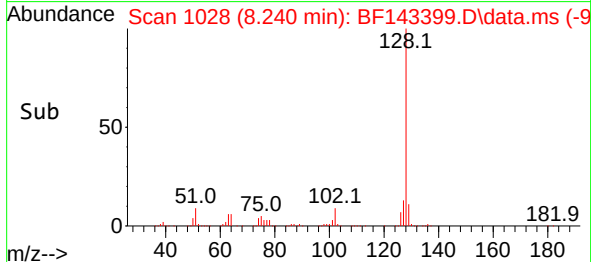
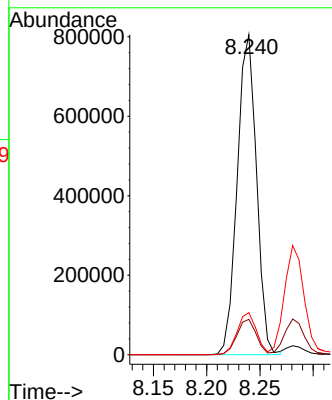
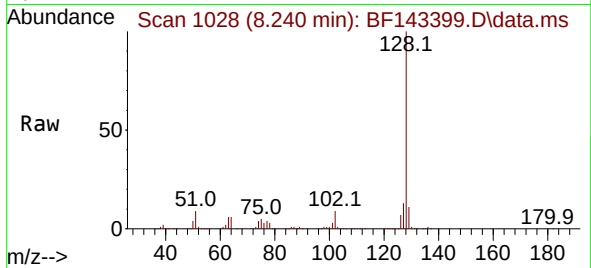




#31
Naphthalene
Concen: 36.045 ng
RT: 8.240 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

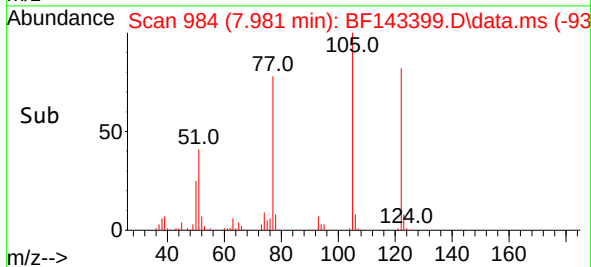
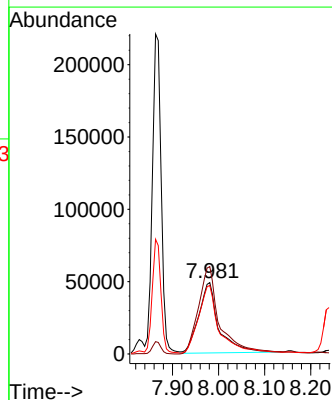
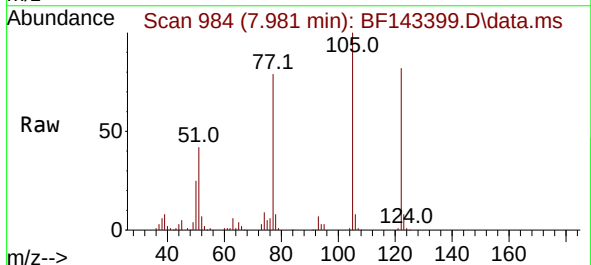
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

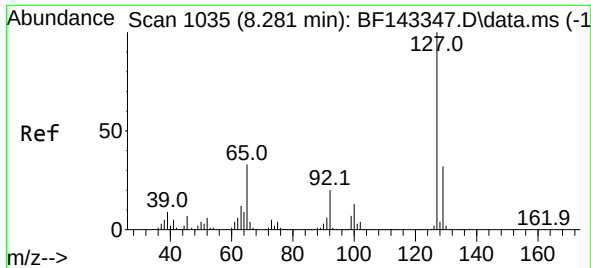
Tgt Ion:128 Resp: 1015616
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 44.034 ng
RT: 7.981 min Scan# 984
Delta R.T. 0.012 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion:122 Resp: 148637
Ion Ratio Lower Upper
122 100
105 122.3 106.4 146.4
77 96.1 79.2 119.2



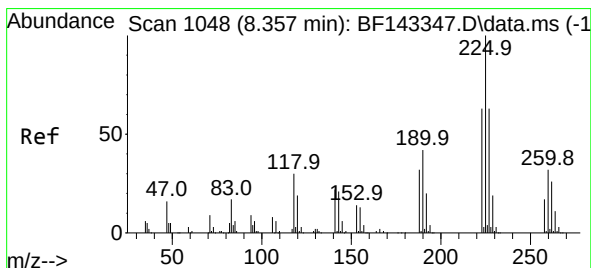
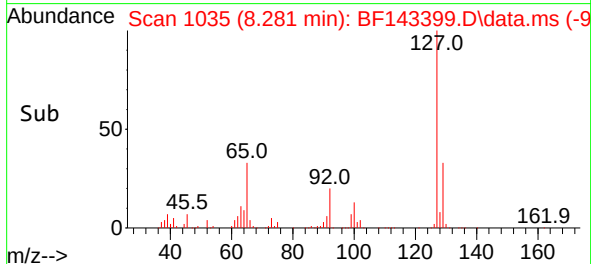
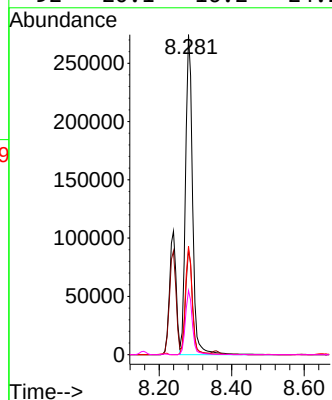
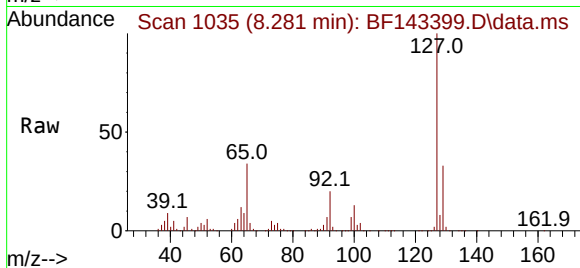


#33
4-Chloroaniline
Concen: 36.342 ng
RT: 8.281 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 369334

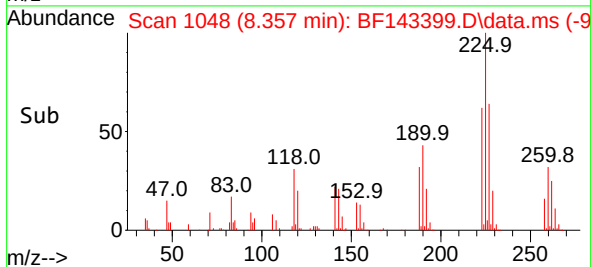
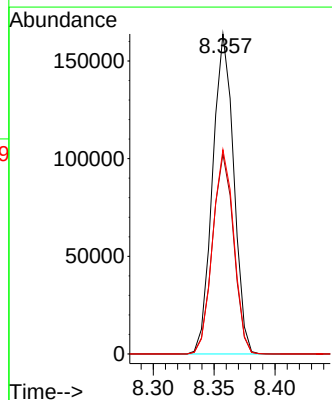
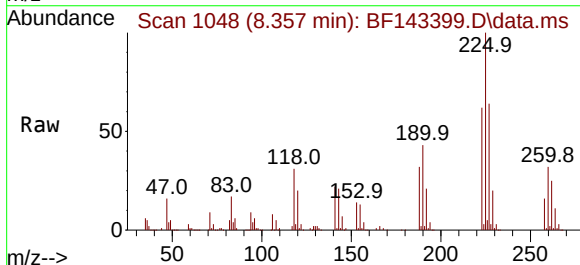
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	33.9	27.0	40.4
92	20.1	16.2	24.2

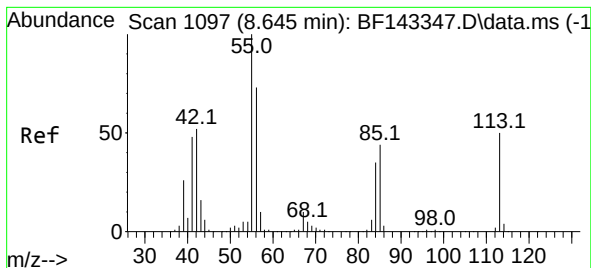


#34
Hexachlorobutadiene
Concen: 38.562 ng
RT: 8.357 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion:225 Resp: 197920

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.1	75.1
227	63.9	50.6	75.8





#35

Caprolactam

Concen: 39.416 ng

RT: 8.645 min Scan# 1107

Delta R.T. 0.000 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

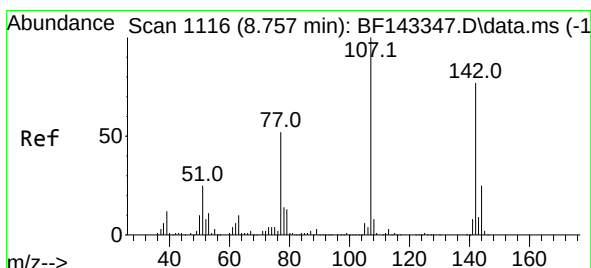
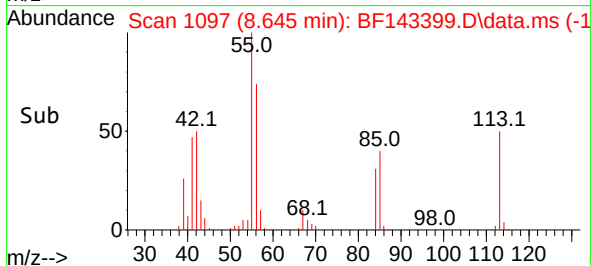
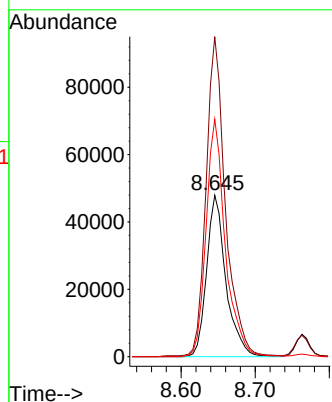
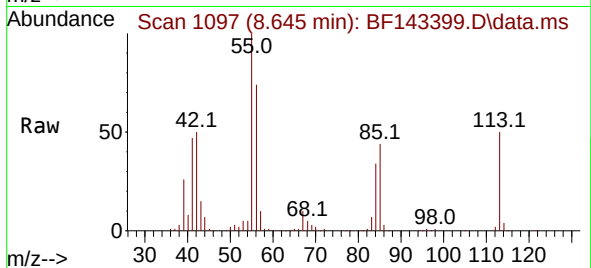
Tgt Ion:113 Resp: 86672

Ion Ratio Lower Upper

113 100

55 198.1 181.4 221.4

56 147.0 127.3 167.3



#36

4-Chloro-3-methylphenol

Concen: 36.961 ng

RT: 8.763 min Scan# 1117

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

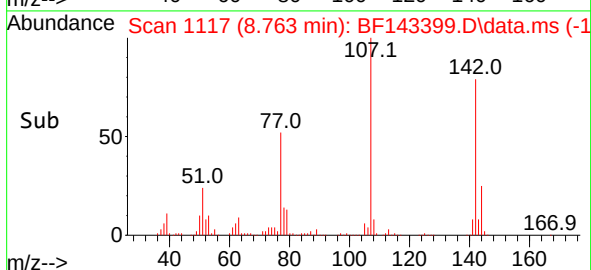
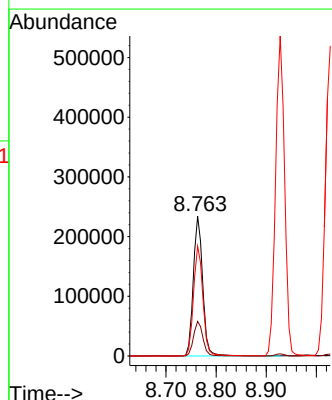
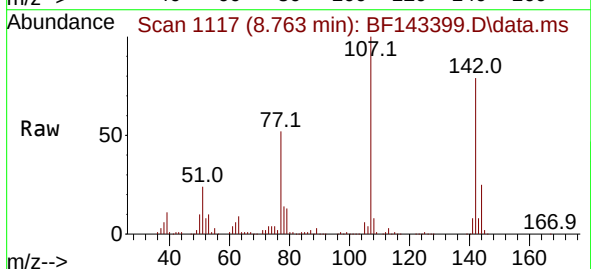
Tgt Ion:107 Resp: 303083

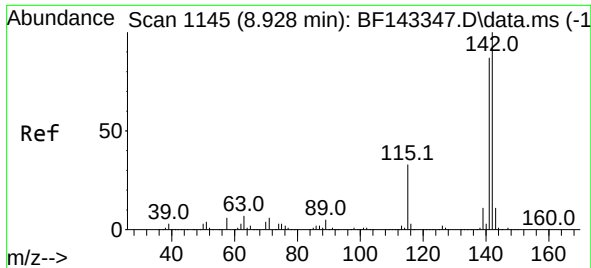
Ion Ratio Lower Upper

107 100

144 24.8 20.0 30.0

142 78.5 61.3 91.9





#37

2-Methylnaphthalene

Concen: 36.070 ng

RT: 8.928 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

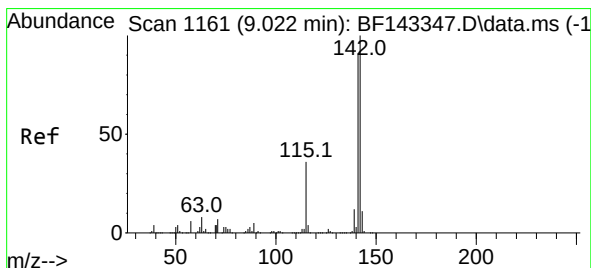
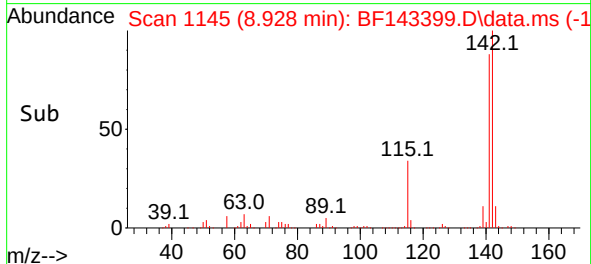
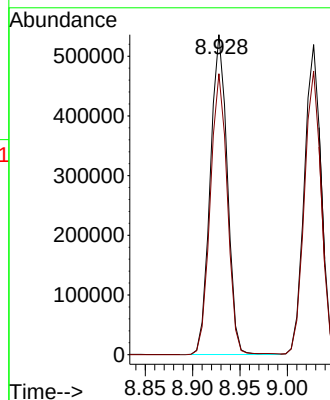
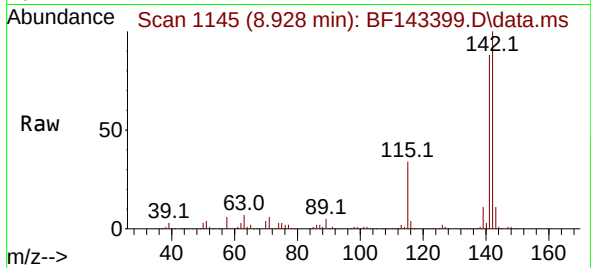
SSTDCCC040

Tgt Ion:142 Resp: 668140

Ion Ratio Lower Upper

142 100

141 87.8 69.8 104.8



#38

1-Methylnaphthalene

Concen: 35.896 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.006 min

Lab File: BF143399.D

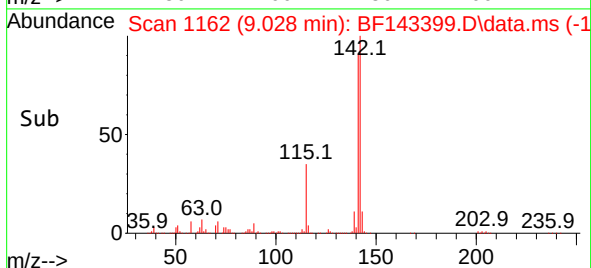
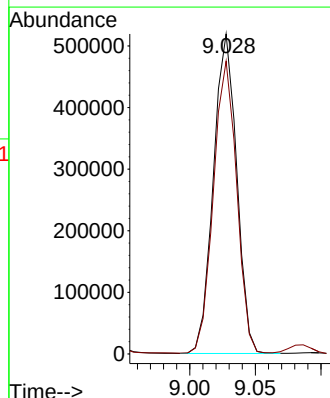
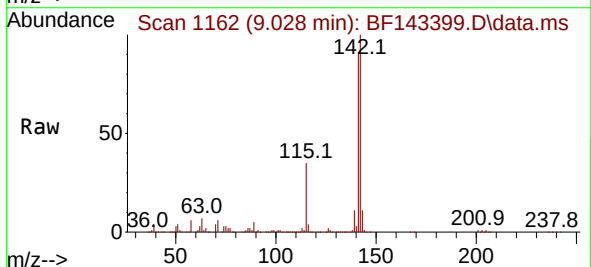
Acq: 15 Aug 2025 03:54

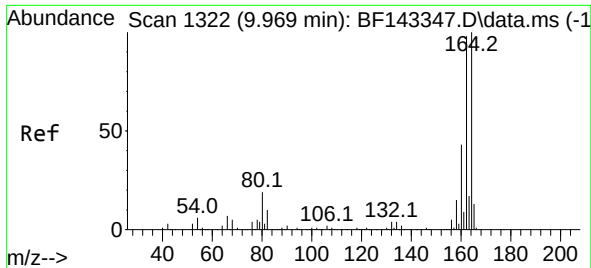
Tgt Ion:142 Resp: 640396

Ion Ratio Lower Upper

142 100

141 91.5 73.0 109.4

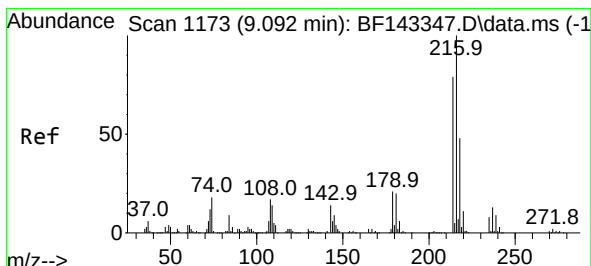
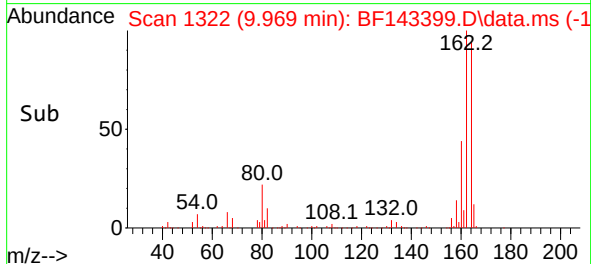
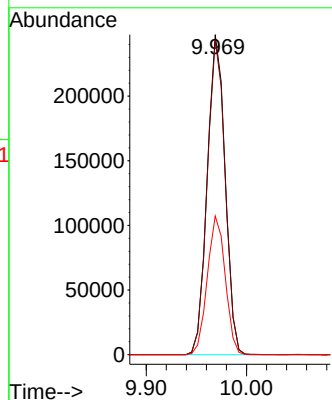
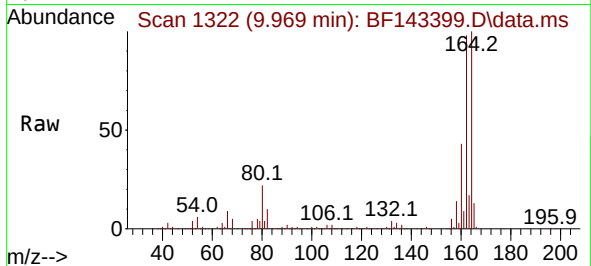




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

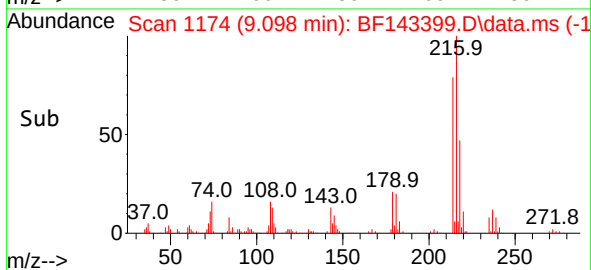
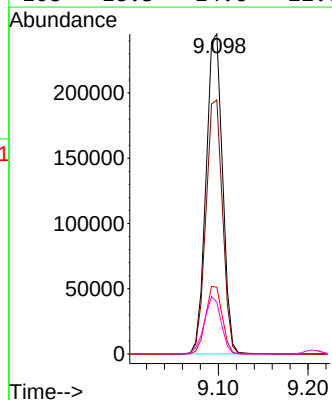
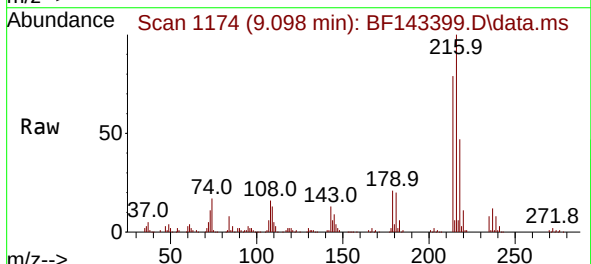
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

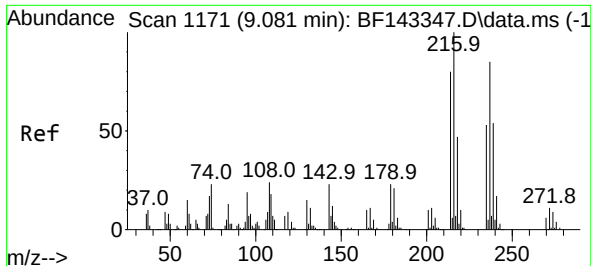
Tgt Ion:164 Resp: 307669
Ion Ratio Lower Upper
164 100
162 98.3 78.6 118.0
160 43.3 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.276 ng
RT: 9.098 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion:216 Resp: 313835
Ion Ratio Lower Upper
216 100
214 79.8 63.0 94.4
179 21.1 17.0 25.4
108 18.3 14.6 22.0

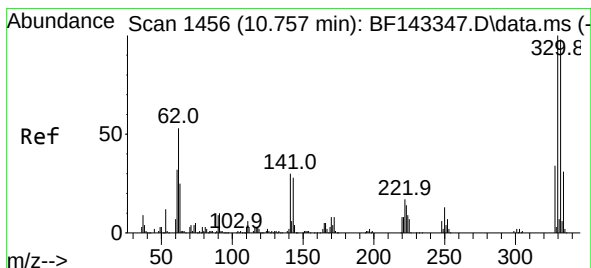
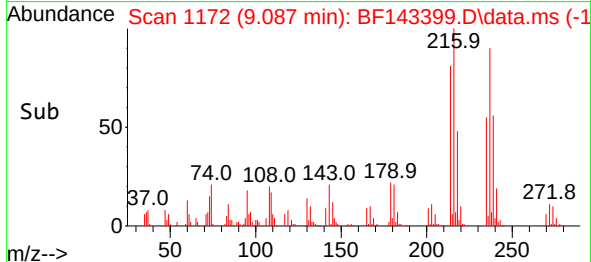
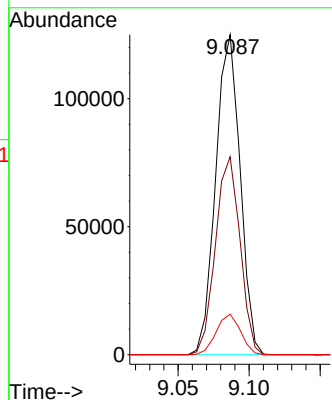
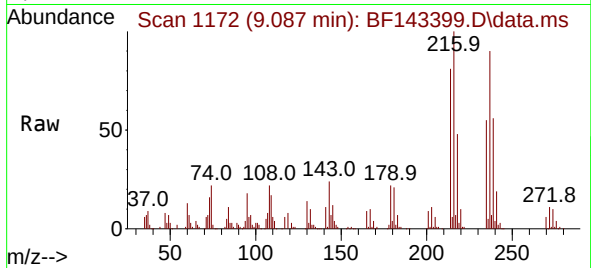




#41
Hexachlorocyclopentadiene
Concen: 52.784 ng
RT: 9.087 min Scan# 1171
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

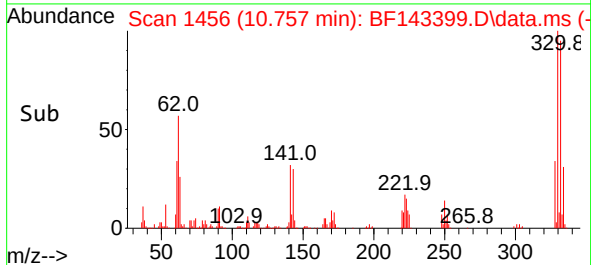
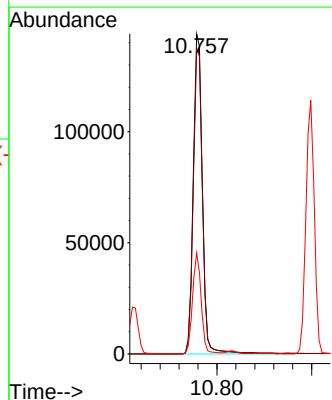
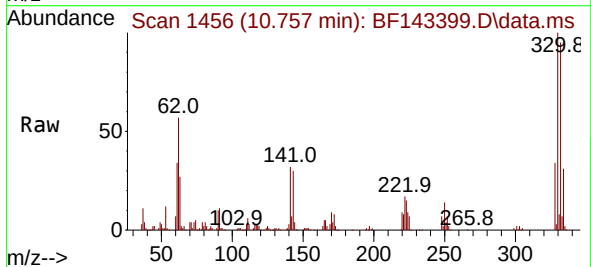
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

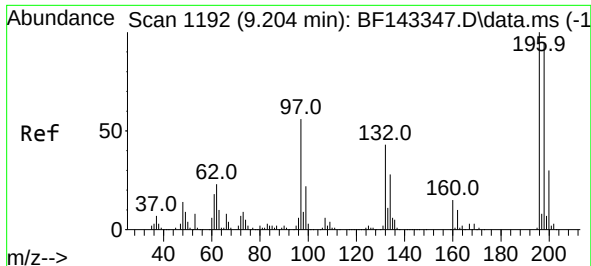
Tgt Ion:237 Resp: 149463
Ion Ratio Lower Upper
237 100
235 61.8 42.0 82.0
272 12.6 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 86.257 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

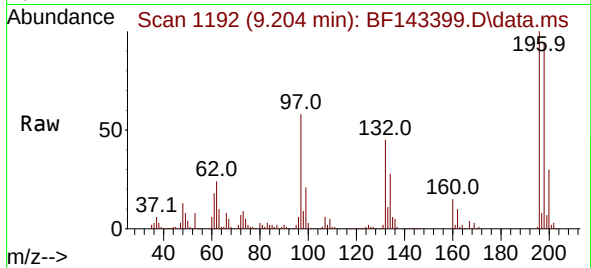
Tgt Ion:330 Resp: 193949
Ion Ratio Lower Upper
330 100
332 95.5 78.1 117.1
141 29.8 25.4 38.0



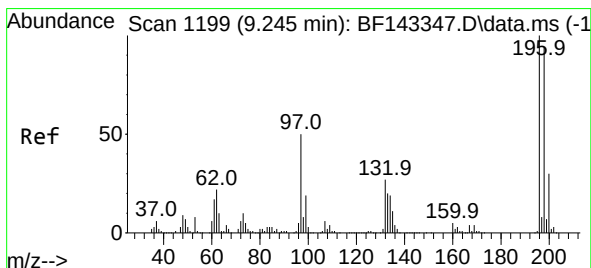
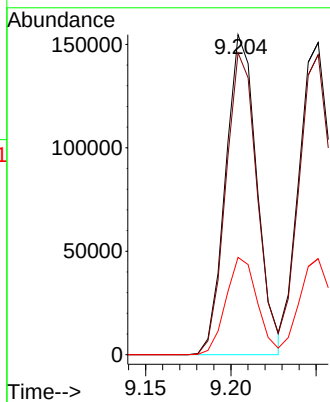
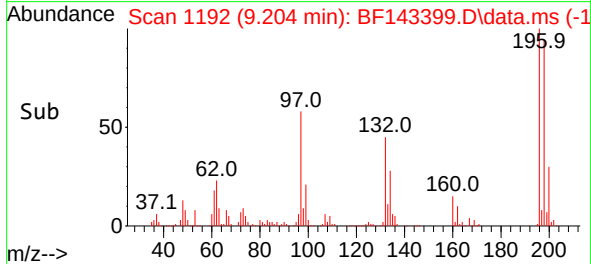


#43
2,4,6-Trichlorophenol
Concen: 41.302 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

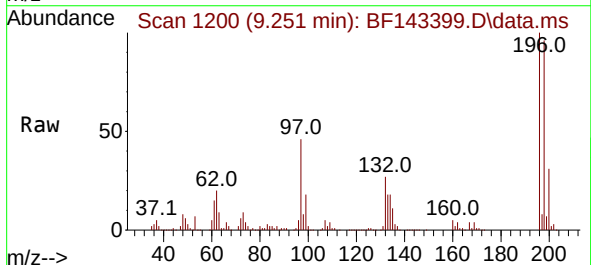
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



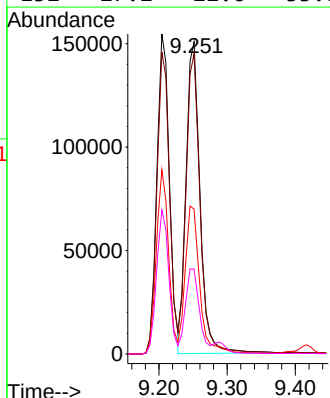
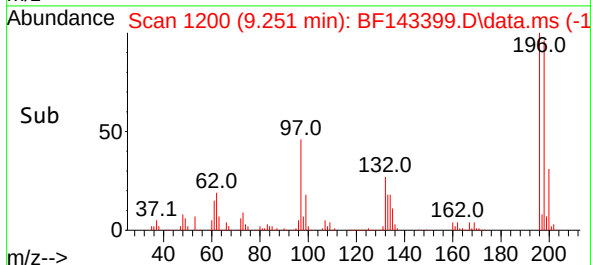
Tgt Ion:196 Resp: 197297
Ion Ratio Lower Upper
196 100
198 94.3 75.4 113.0
200 30.4 24.3 36.5

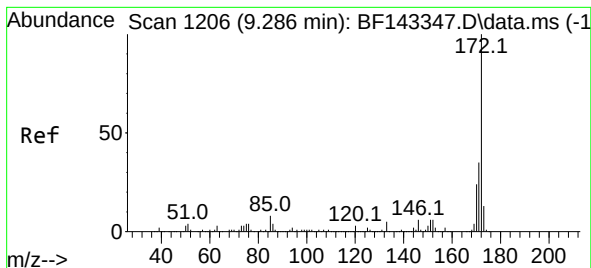


#44
2,4,5-Trichlorophenol
Concen: 39.752 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54



Tgt Ion:196 Resp: 214438
Ion Ratio Lower Upper
196 100
198 96.1 75.4 113.2
97 46.4 39.9 59.9
132 27.2 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 72.124 ng

RT: 9.287 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

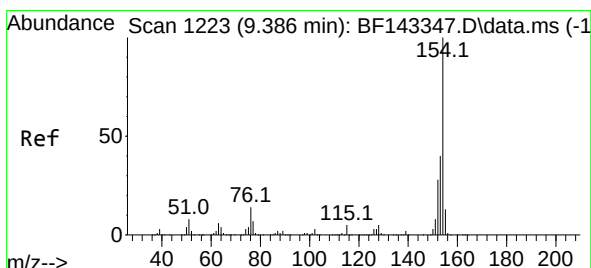
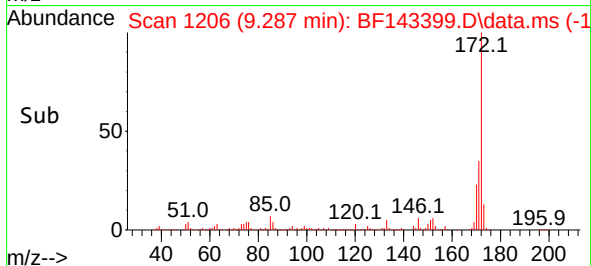
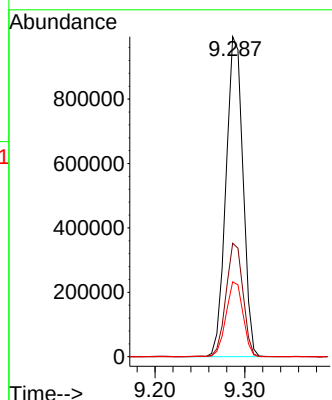
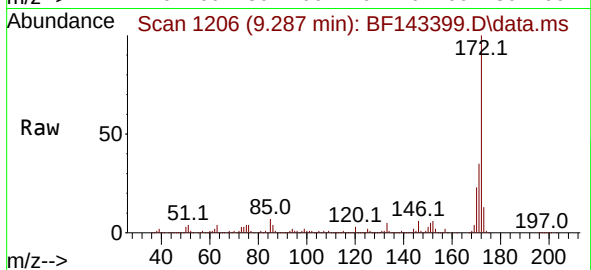
Tgt Ion:172 Resp: 1308576

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.4 19.1 28.7



#46

1,1'-Biphenyl

Concen: 36.146 ng

RT: 9.392 min Scan# 1224

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

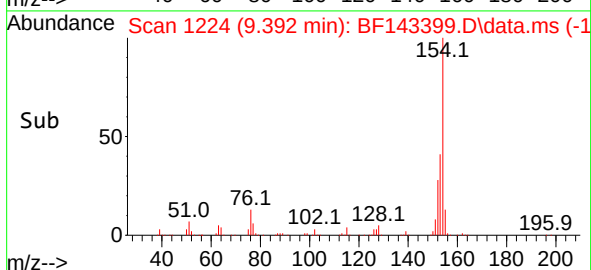
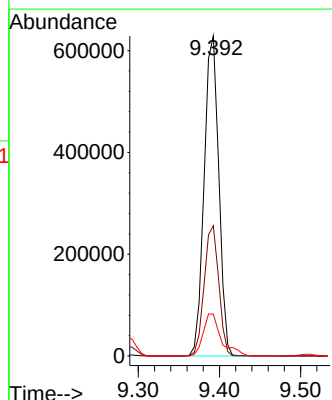
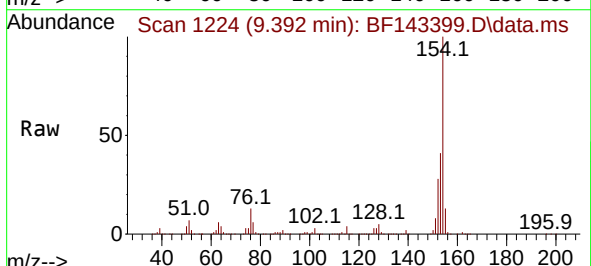
Tgt Ion:154 Resp: 786326

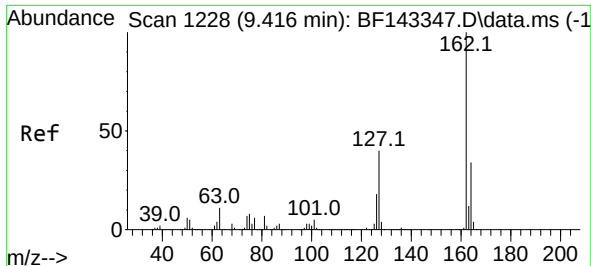
Ion Ratio Lower Upper

154 100

153 40.7 20.2 60.2

76 13.1 0.0 34.4





#47

2-Chloronaphthalene

Concen: 36.686 ng

RT: 9.416 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

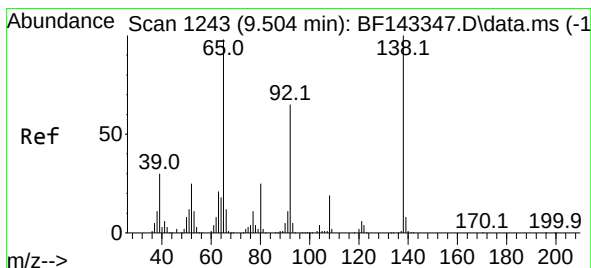
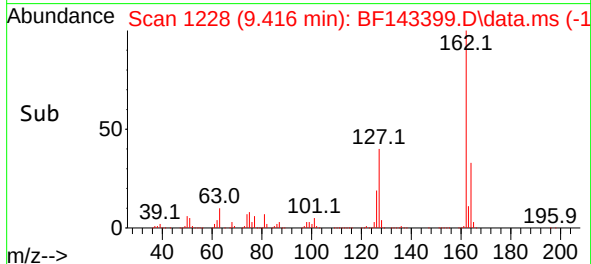
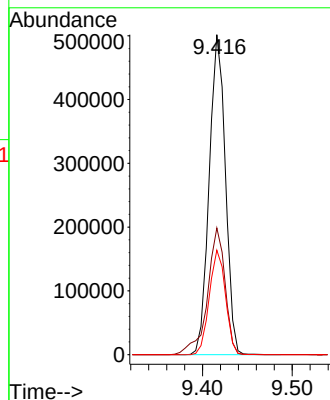
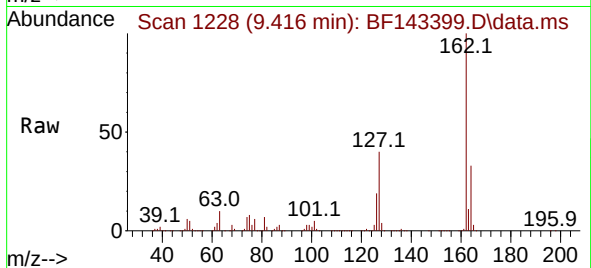
Tgt Ion:162 Resp: 628536

Ion Ratio Lower Upper

162 100

127 39.6 32.1 48.1

164 32.7 27.0 40.4



#48

2-Nitroaniline

Concen: 39.015 ng

RT: 9.510 min Scan# 1244

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

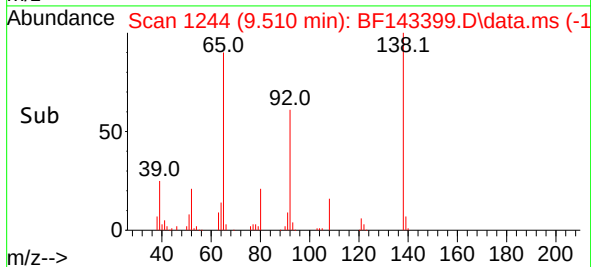
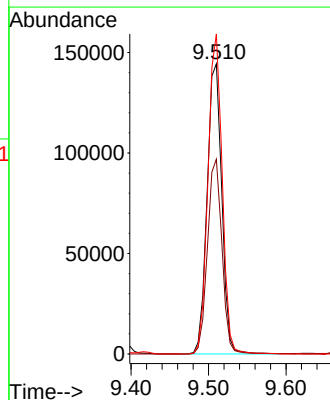
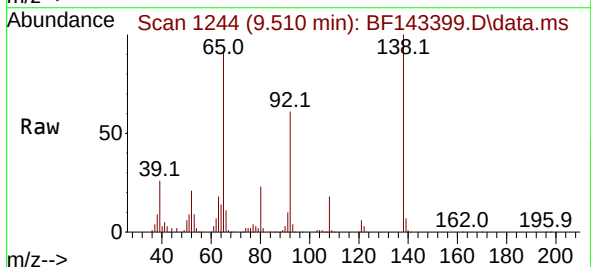
Tgt Ion: 65 Resp: 190071

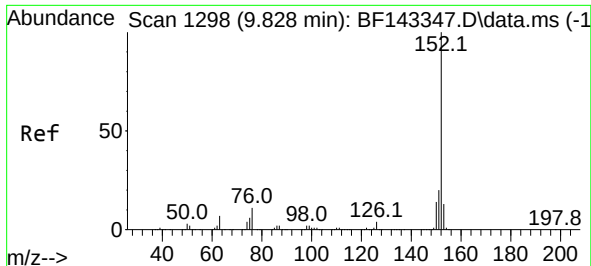
Ion Ratio Lower Upper

65 100

92 67.1 53.1 79.7

138 110.3 81.4 122.0





#49

Acenaphthylene

Concen: 36.320 ng

RT: 9.828 min Scan# 1298

Delta R.T. 0.000 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

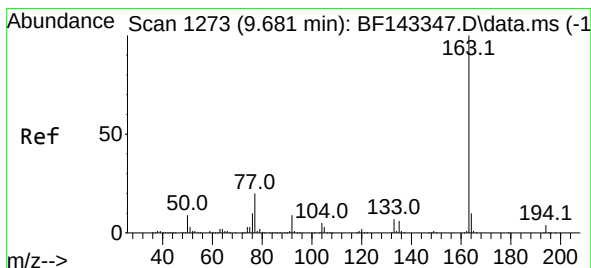
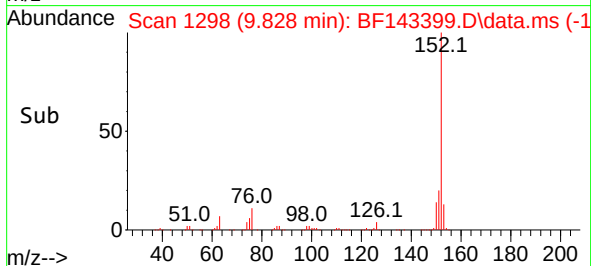
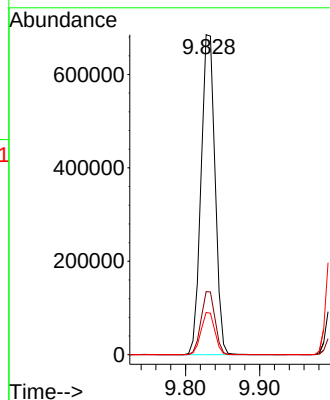
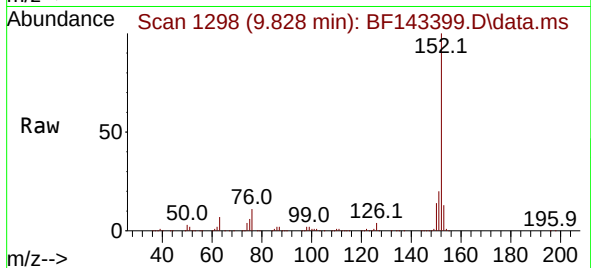
Tgt Ion:152 Resp: 898622

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 37.964 ng

RT: 9.681 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

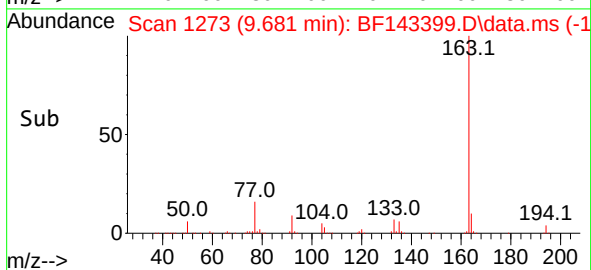
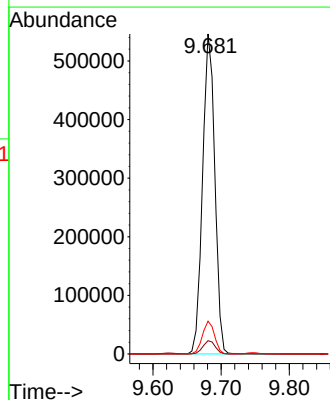
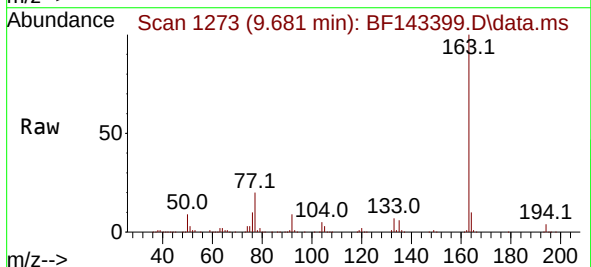
Tgt Ion:163 Resp: 682495

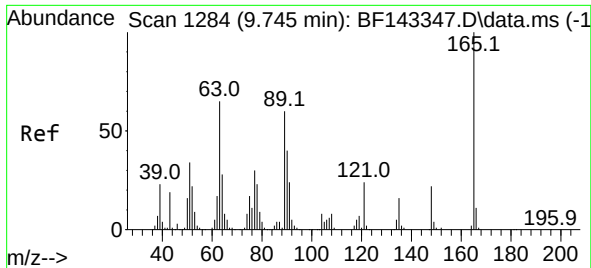
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.2 8.2 12.2

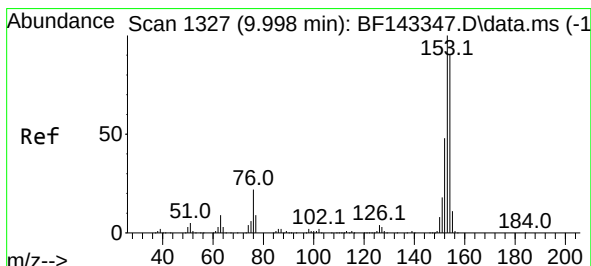
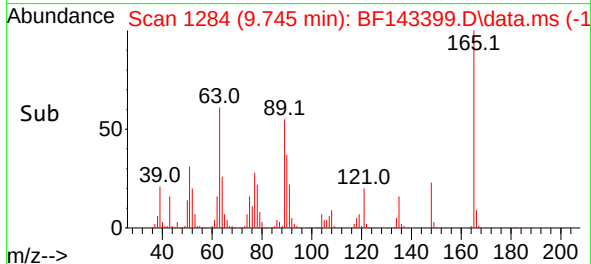
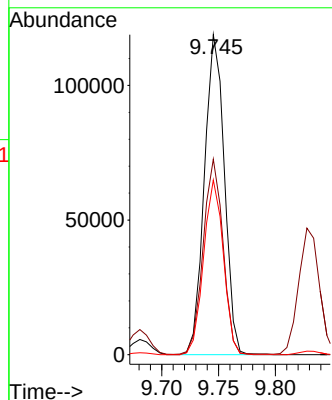
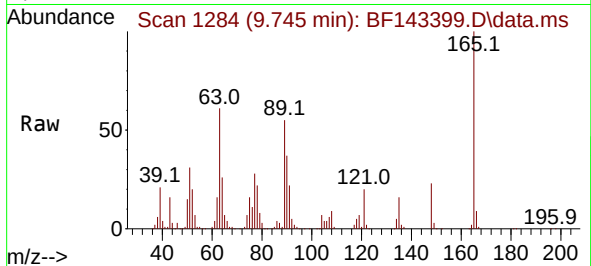




#51
2,6-Dinitrotoluene
Concen: 43.044 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

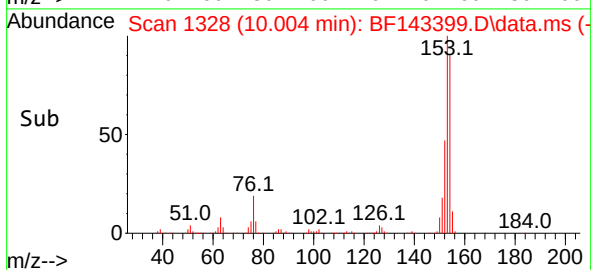
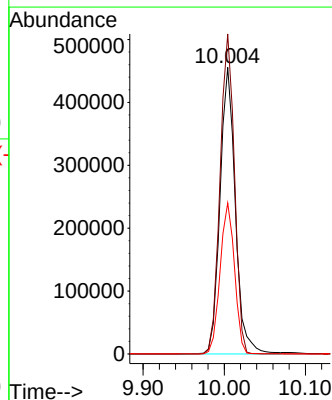
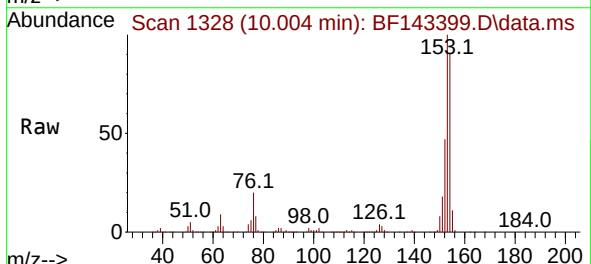
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

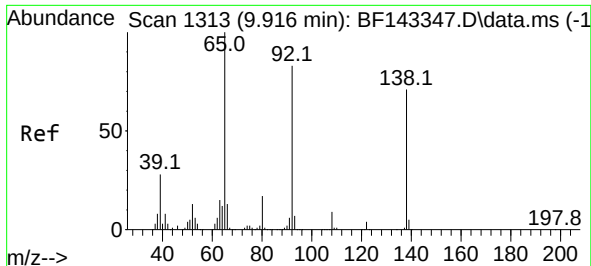
Tgt Ion:165 Resp: 145324
Ion Ratio Lower Upper
165 100
63 61.1 51.6 77.4
89 54.6 47.7 71.5



#52
Acenaphthene
Concen: 36.404 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion:154 Resp: 598801
Ion Ratio Lower Upper
154 100
153 111.7 88.5 132.7
152 52.7 42.4 63.6

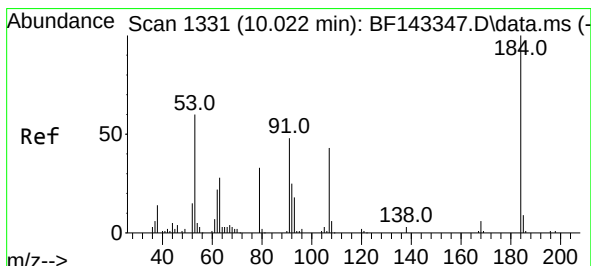
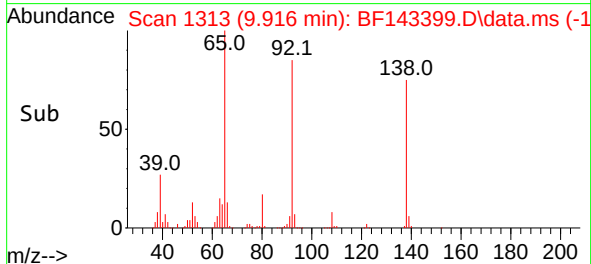
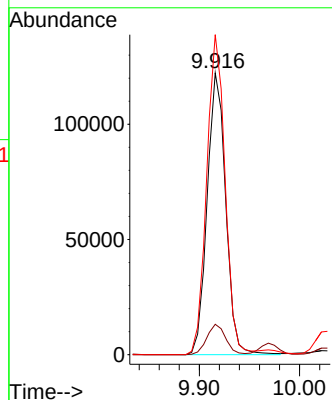
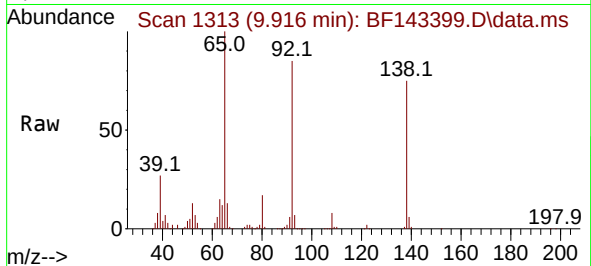




#53
3-Nitroaniline
Concen: 42.759 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

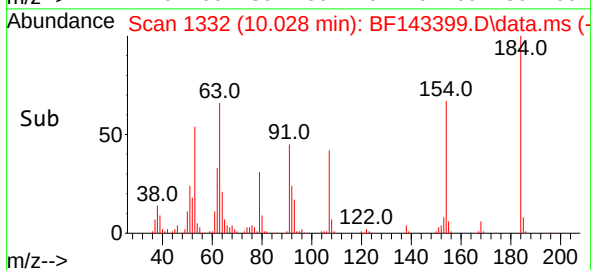
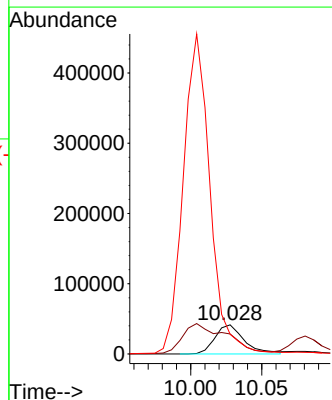
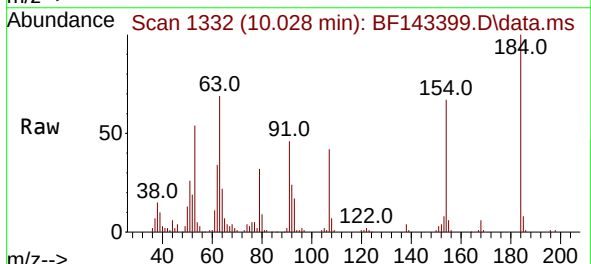
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

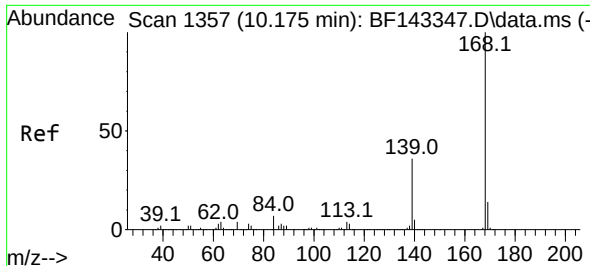
Tgt Ion:138 Resp: 157424
Ion Ratio Lower Upper
138 100
108 10.8 9.6 14.4
92 113.6 93.4 140.2



#54
2,4-Dinitrophenol
Concen: 51.347 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion:184 Resp: 59555
Ion Ratio Lower Upper
184 100
63 69.0 62.5 93.7
154 67.5 73.0 109.4#

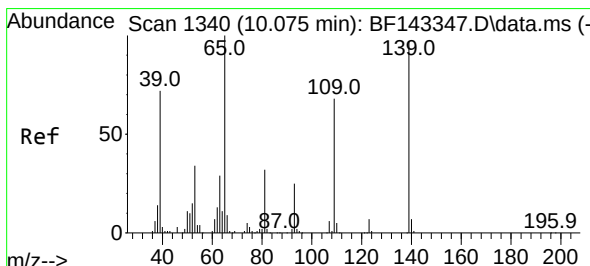
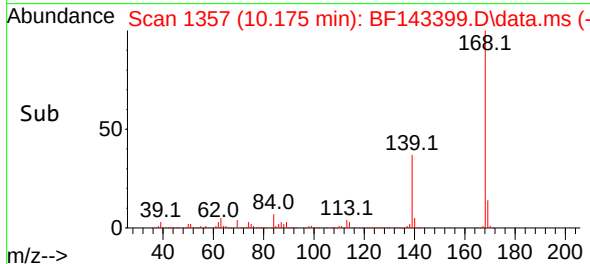
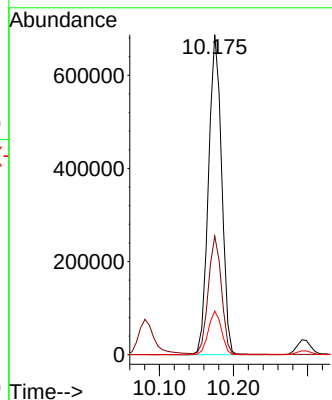
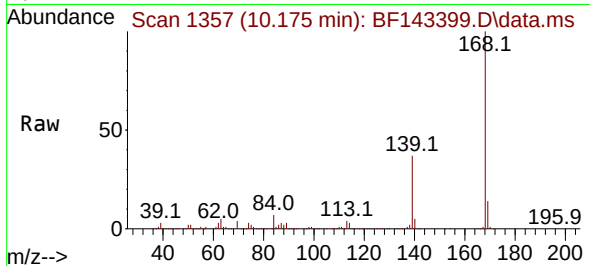




#55
Dibenzofuran
Concen: 35.775 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

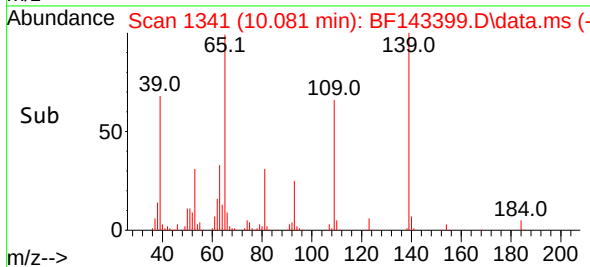
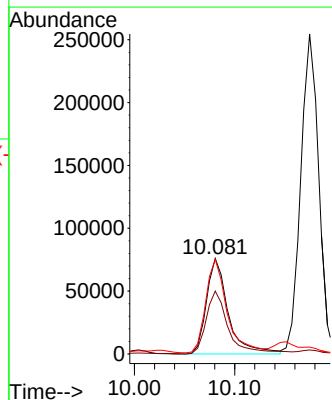
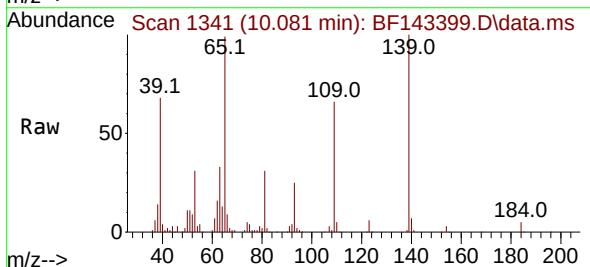
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

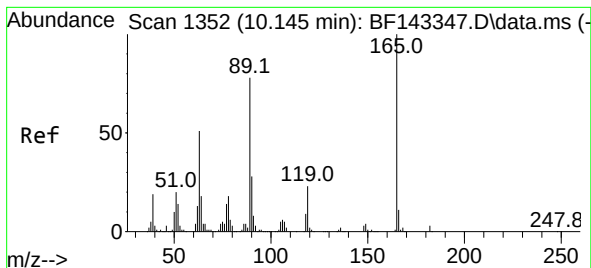
Tgt Ion:168 Resp: 846919
Ion Ratio Lower Upper
168 100
139 37.0 29.4 44.0
169 13.7 11.0 16.6



#56
4-Nitrophenol
Concen: 41.856 ng
RT: 10.081 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion:139 Resp: 114908
Ion Ratio Lower Upper
139 100
109 65.8 49.4 89.4
65 99.1 83.7 123.7

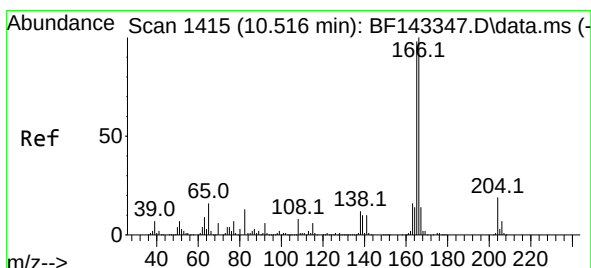
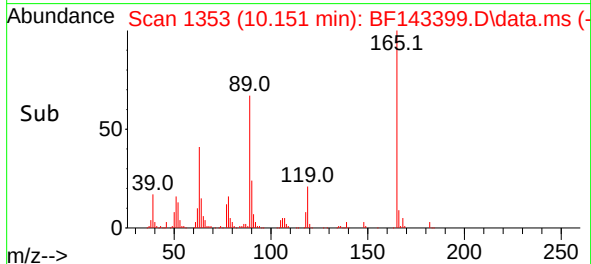
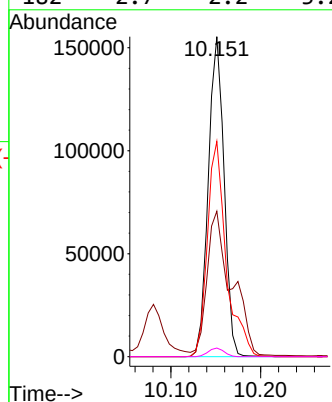
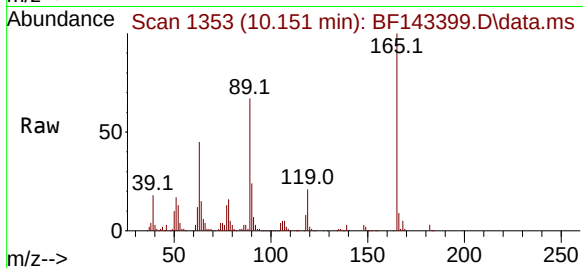




#57
2,4-Dinitrotoluene
Concen: 42.395 ng
RT: 10.151 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

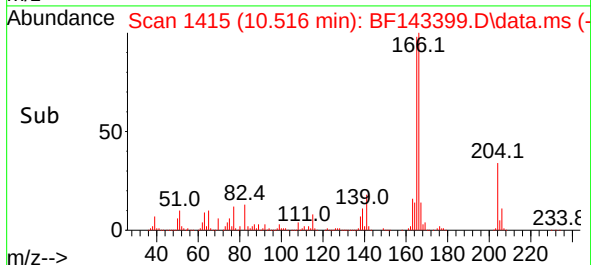
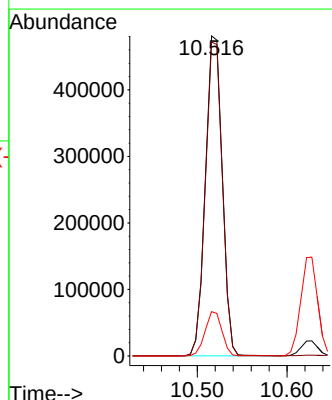
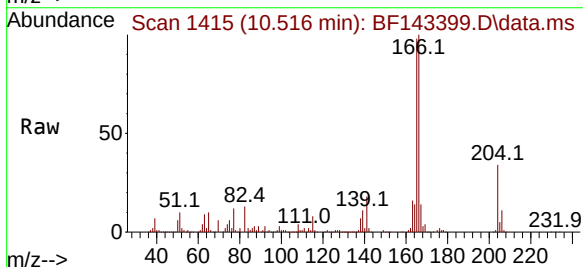
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

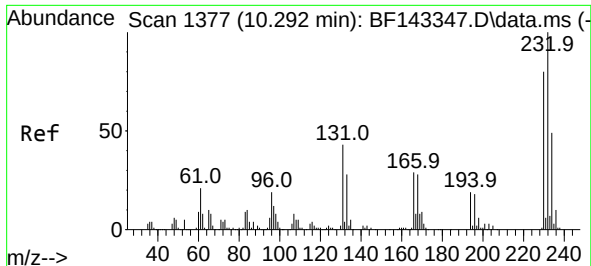
Tgt Ion:165 Resp: 189688
Ion Ratio Lower Upper
165 100
63 45.4 41.8 62.8
89 67.2 62.4 93.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 34.878 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion:166 Resp: 630662
Ion Ratio Lower Upper
166 100
165 98.2 78.2 117.4
167 13.9 10.9 16.3

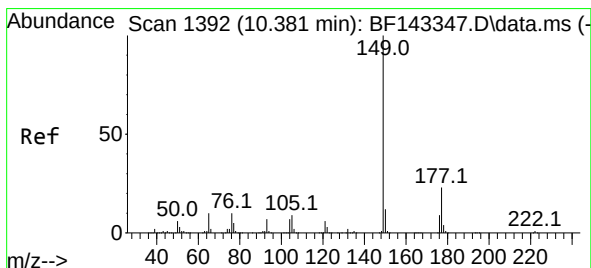
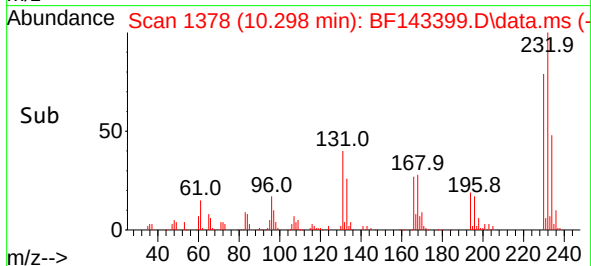
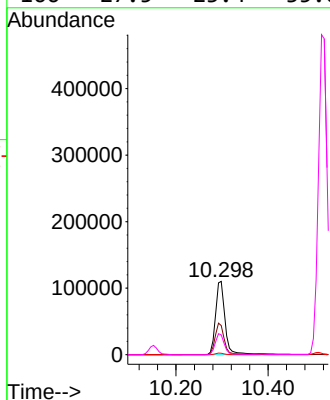
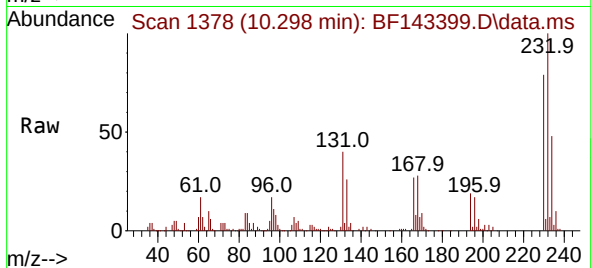




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.560 ng
RT: 10.298 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

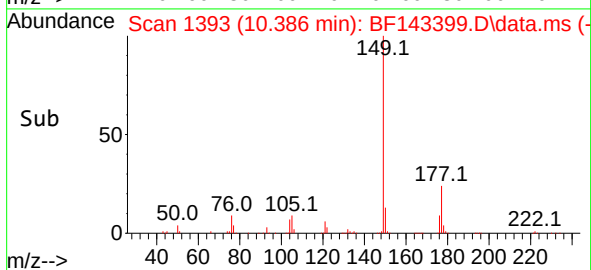
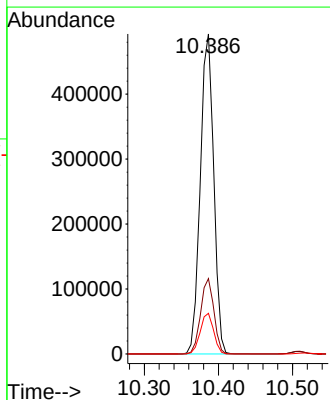
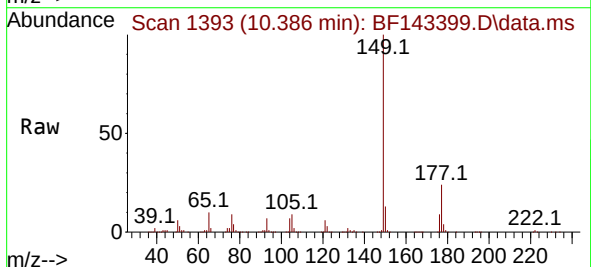
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

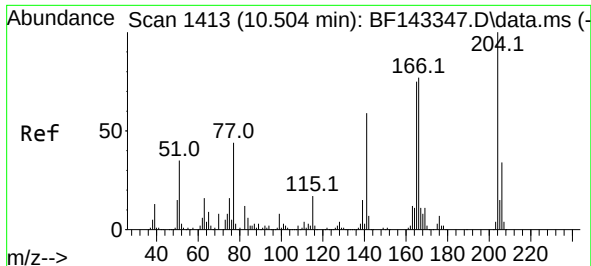
Tgt Ion:232 Resp: 158397
Ion Ratio Lower Upper
232 100
131 40.9 34.6 51.8
130 1.9 1.7 2.5
166 27.5 23.4 35.0



#60
Diethylphthalate
Concen: 38.637 ng
RT: 10.386 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion:149 Resp: 622164
Ion Ratio Lower Upper
149 100
177 23.6 18.2 27.2
150 12.7 9.9 14.9

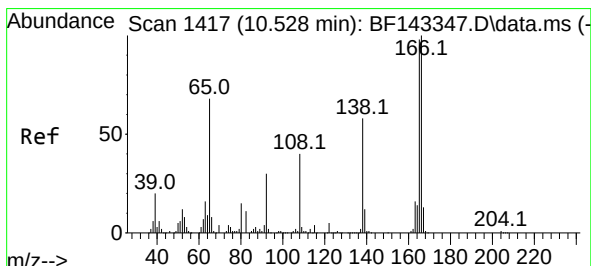
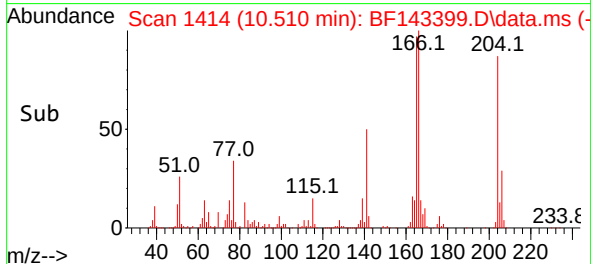
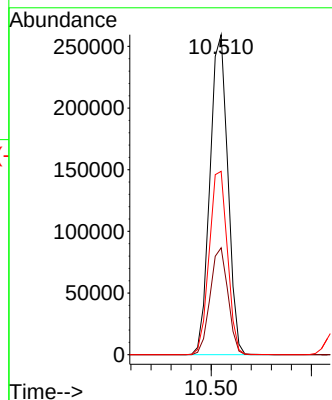
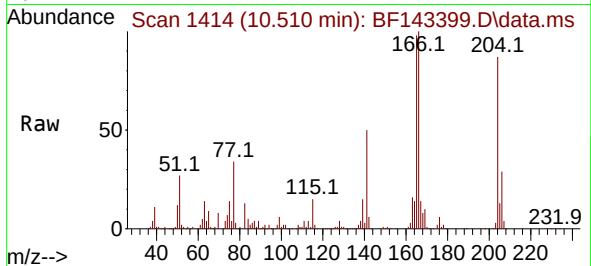




#61
4-Chlorophenyl-phenylether
Concen: 36.713 ng
RT: 10.510 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

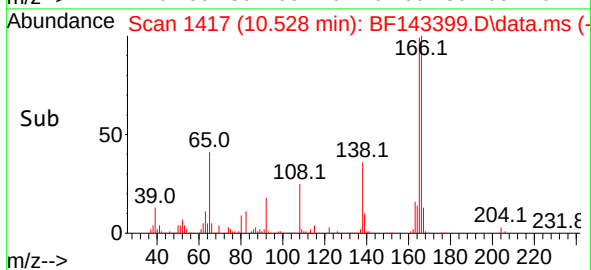
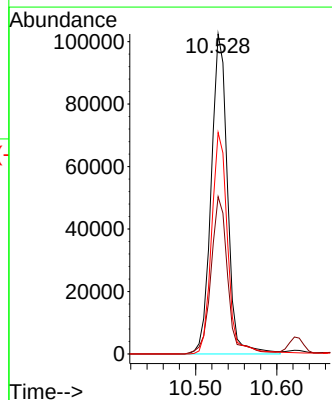
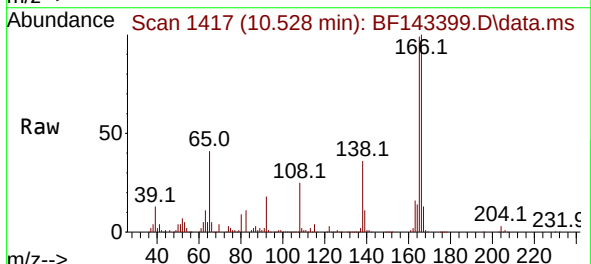
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

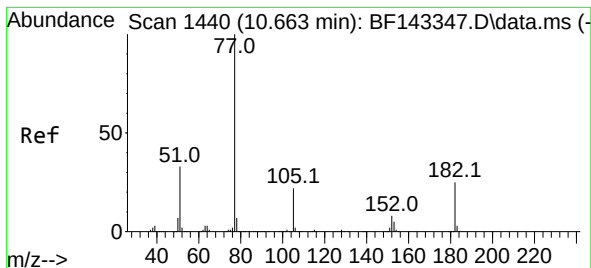
Tgt Ion:204 Resp: 320765
Ion Ratio Lower Upper
204 100
206 33.4 27.4 41.2
141 57.3 46.9 70.3



#62
4-Nitroaniline
Concen: 40.094 ng
RT: 10.528 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion:138 Resp: 142815
Ion Ratio Lower Upper
138 100
92 49.2 31.2 71.2
108 69.2 48.1 88.1





#63

Azobenzene

Concen: 34.469 ng

RT: 10.669 min Scan# 1440

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 633989

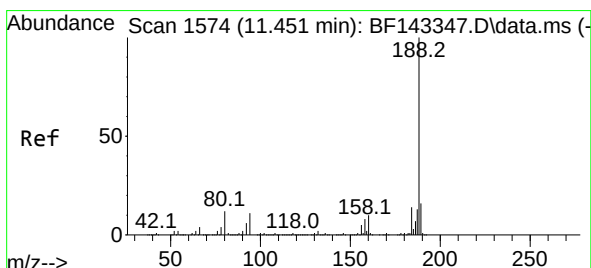
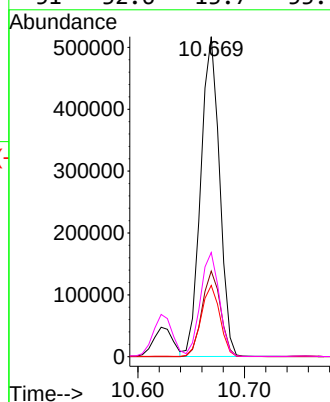
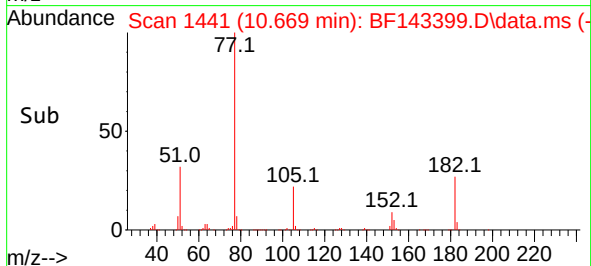
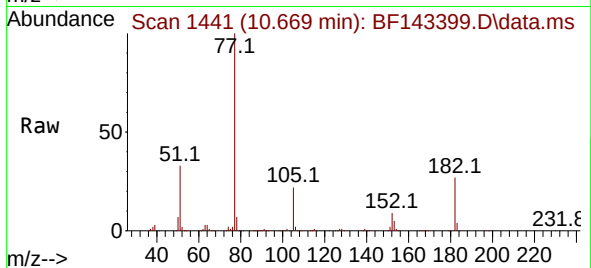
Ion Ratio Lower Upper

77 100

182 26.7 4.4 44.4

105 22.3 1.8 41.8

51 32.6 13.7 53.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.457 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

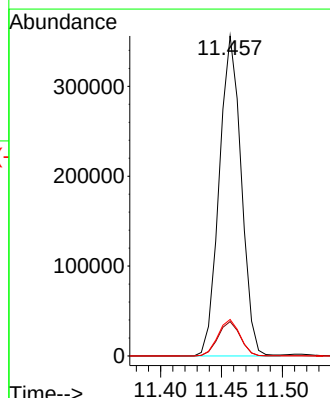
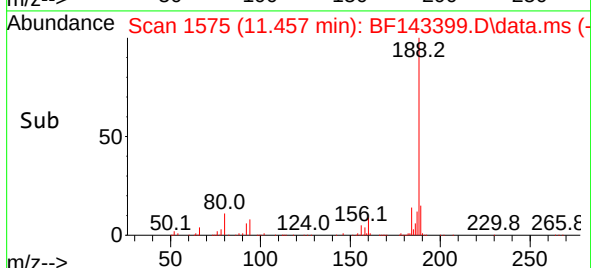
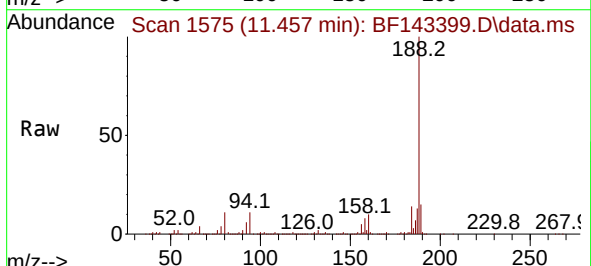
Tgt Ion: 188 Resp: 448323

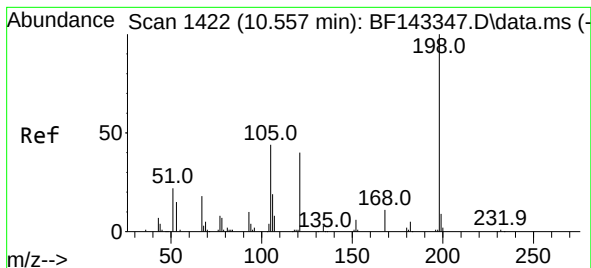
Ion Ratio Lower Upper

188 100

94 10.7 8.8 13.2

80 11.4 9.7 14.5

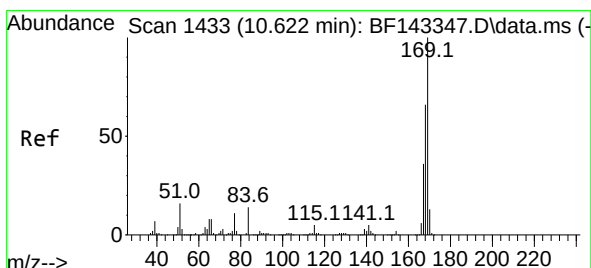
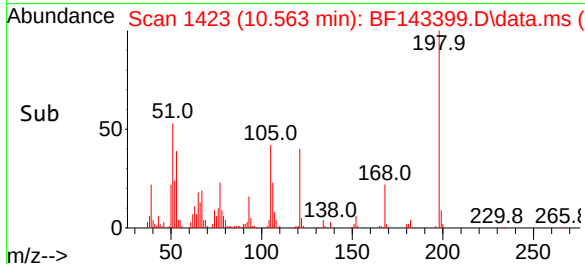
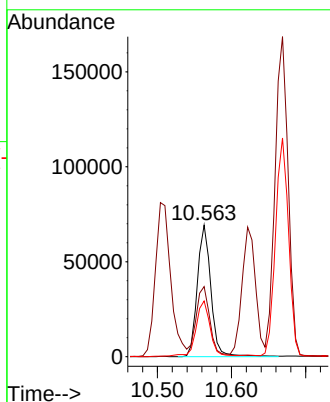
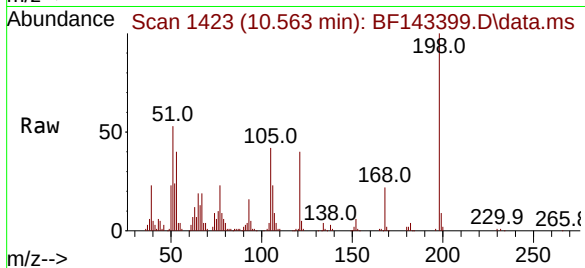




#65
4,6-Dinitro-2-methylphenol
Concen: 48.521 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

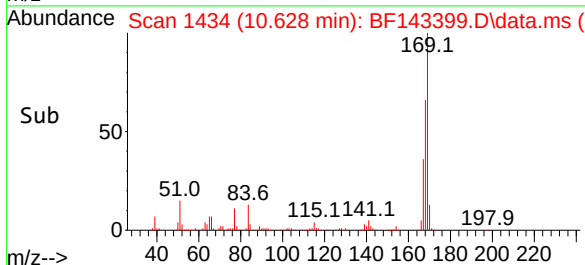
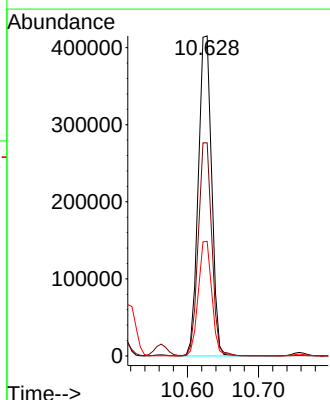
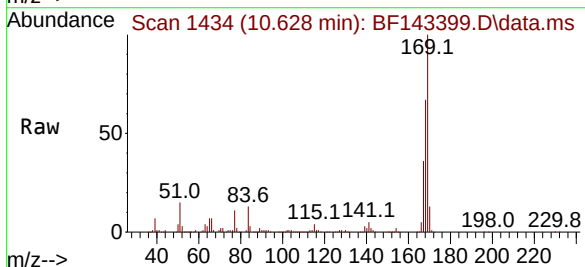
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

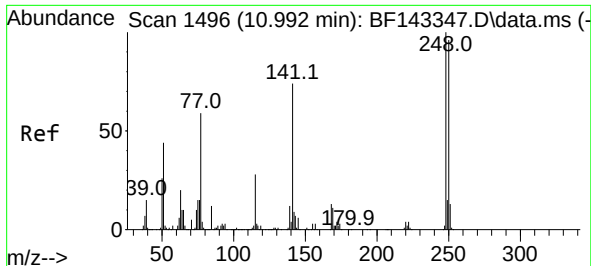
Tgt Ion:198 Resp: 88176
Ion Ratio Lower Upper
198 100
51 53.3 41.7 81.7
105 42.4 26.8 66.8



#66
n-Nitrosodiphenylamine
Concen: 36.871 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion:169 Resp: 544301
Ion Ratio Lower Upper
169 100
168 66.6 52.7 79.1
167 35.8 28.6 42.8

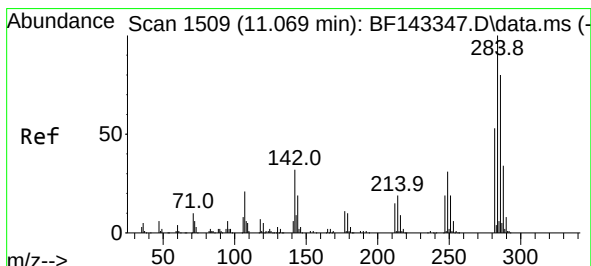
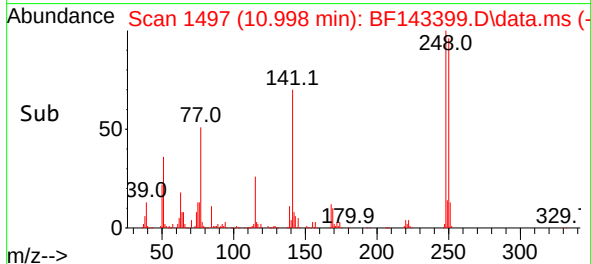
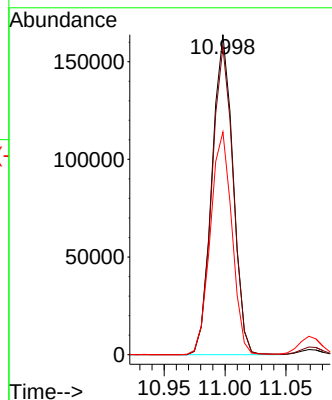
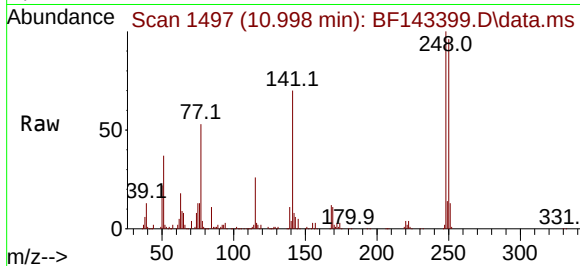




#67
4-Bromophenyl-phenylether
Concen: 38.580 ng
RT: 10.998 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

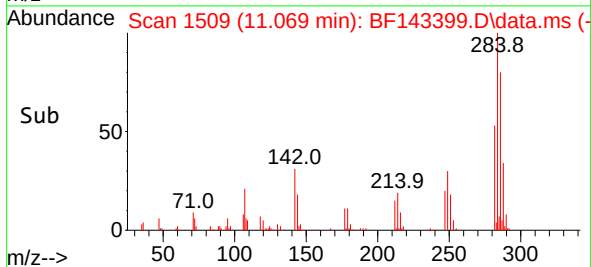
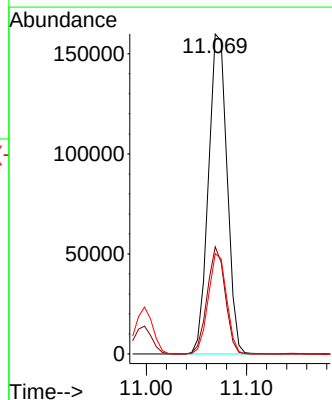
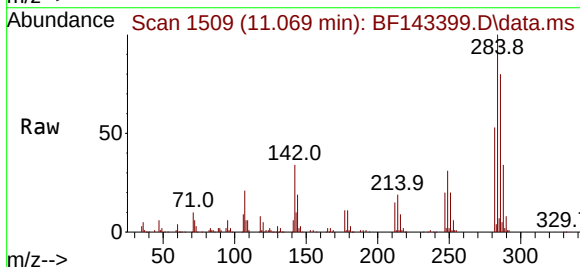
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

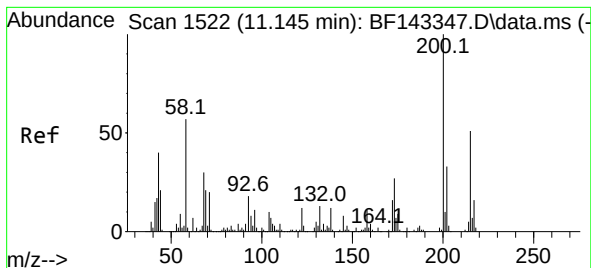
Tgt Ion:248 Resp: 197816
Ion Ratio Lower Upper
248 100
250 96.2 77.1 115.7
141 69.6 59.1 88.7



#68
Hexachlorobenzene
Concen: 37.421 ng
RT: 11.069 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion:284 Resp: 206818
Ion Ratio Lower Upper
284 100
142 33.5 25.7 38.5
249 31.4 24.6 37.0





#69

Atrazine

Concen: 42.535 ng

RT: 11.151 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

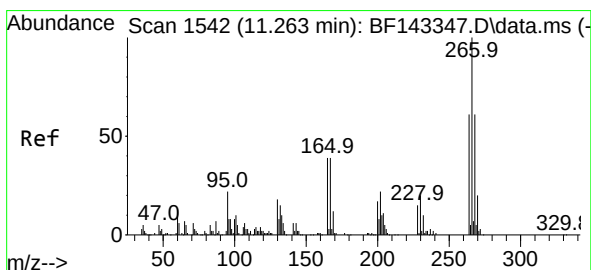
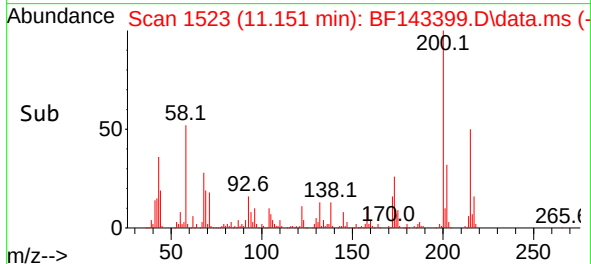
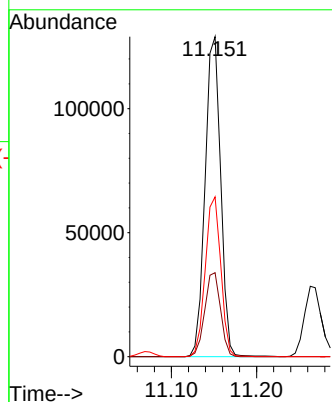
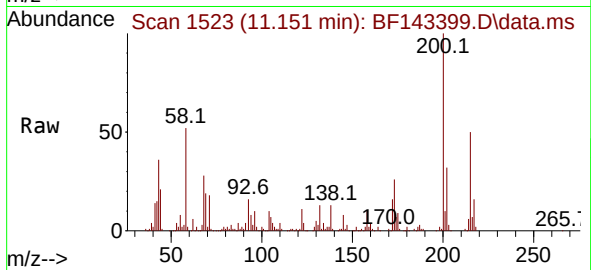
Tgt Ion:200 Resp: 163775

Ion Ratio Lower Upper

200 100

173 26.3 6.6 46.6

215 49.9 30.6 70.6



#70

Pentachlorophenol

Concen: 94.322 ng

RT: 11.269 min Scan# 1543

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

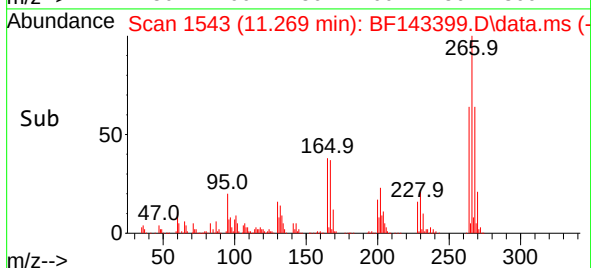
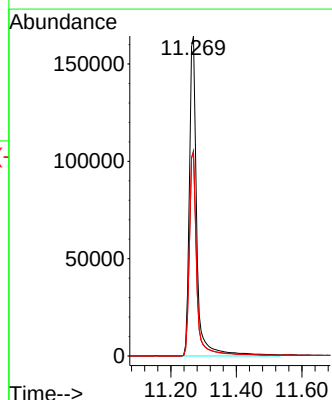
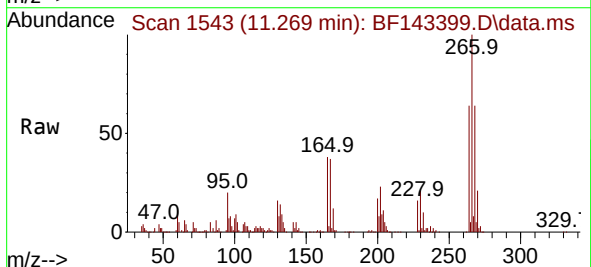
Tgt Ion:266 Resp: 258266

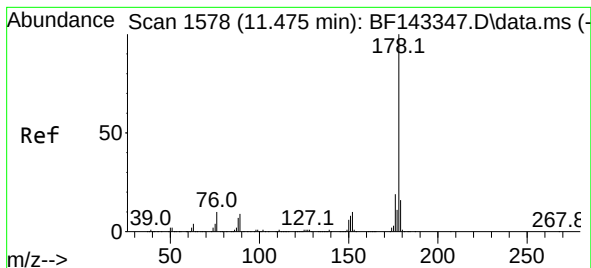
Ion Ratio Lower Upper

266 100

268 64.1 48.8 73.2

264 63.6 48.8 73.2





#71

Phenanthrene

Concen: 35.740 ng

RT: 11.480 min Scan# 1578

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

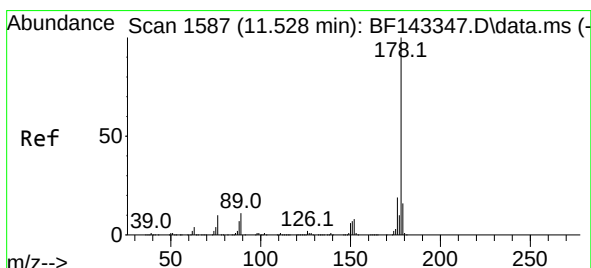
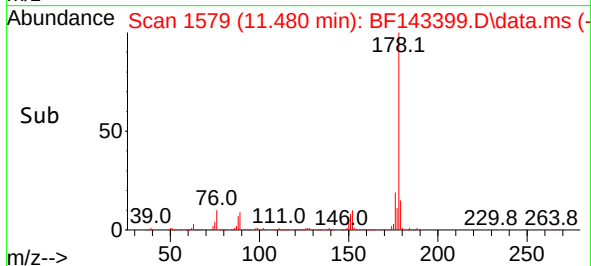
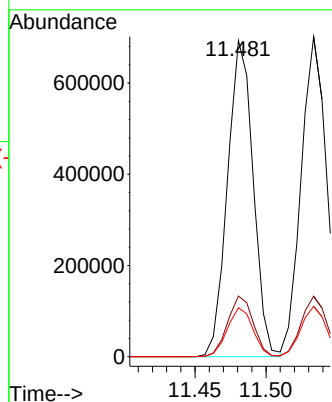
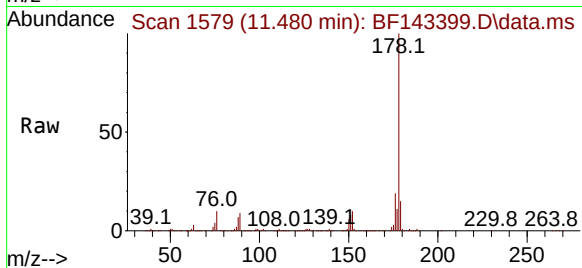
Tgt Ion:178 Resp: 874214

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.5 12.5 18.7



#72

Anthracene

Concen: 35.318 ng

RT: 11.533 min Scan# 1588

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

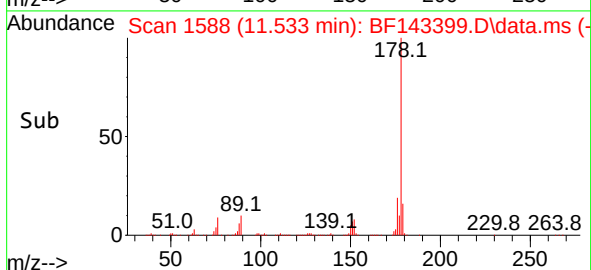
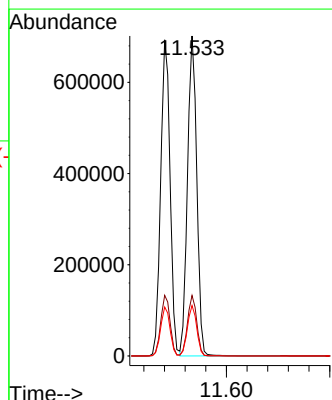
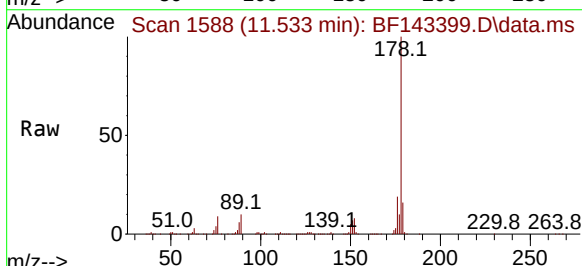
Tgt Ion:178 Resp: 876126

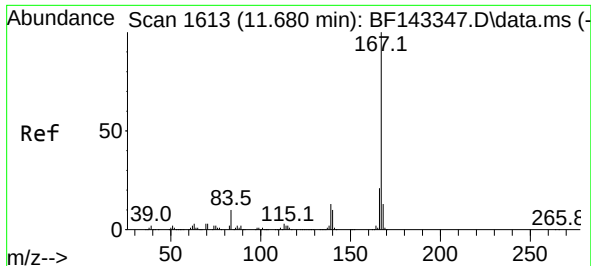
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.7 12.7 19.1

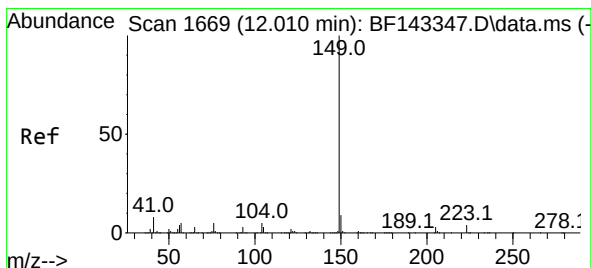
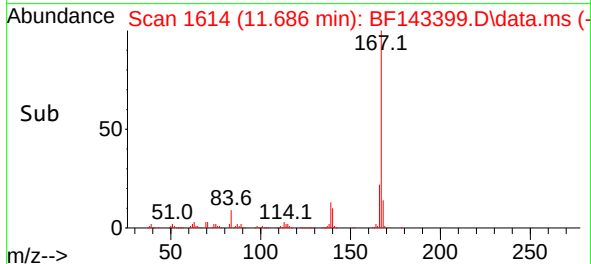
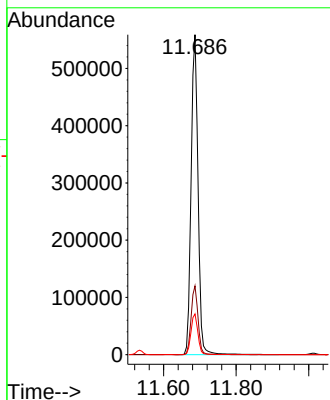
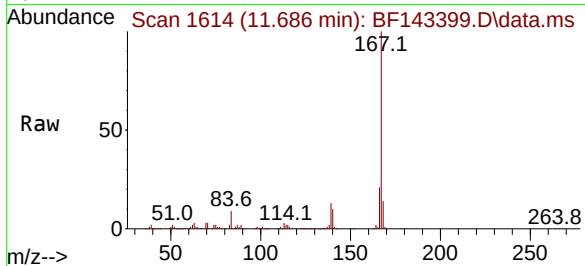




#73
Carbazole
Concen: 35.043 ng
RT: 11.686 min Scan# 1613
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

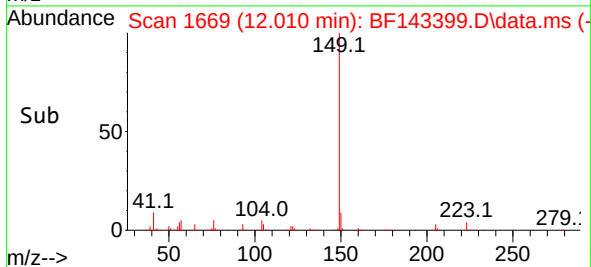
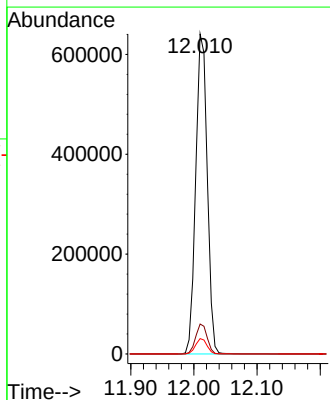
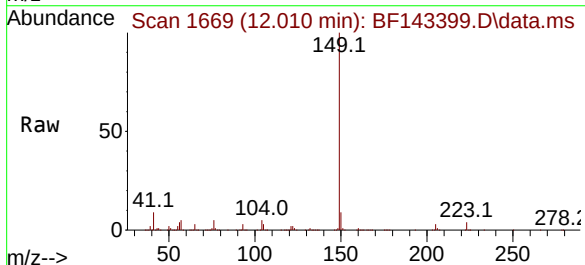
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

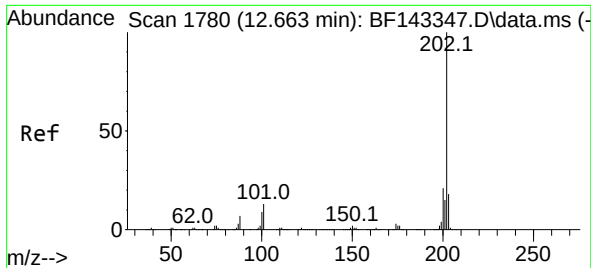
Tgt Ion:167 Resp: 740341
Ion Ratio Lower Upper
167 100
166 21.5 16.8 25.2
139 12.8 10.2 15.2



#74
Di-n-butylphthalate
Concen: 45.343 ng
RT: 12.010 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion:149 Resp: 810616
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 4.8 3.8 5.8

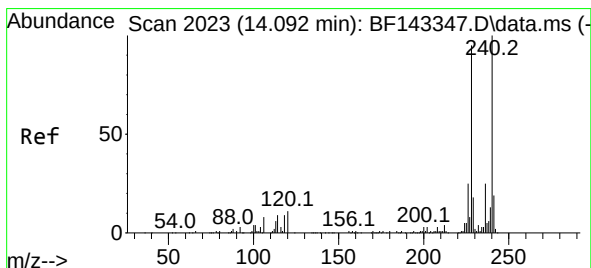
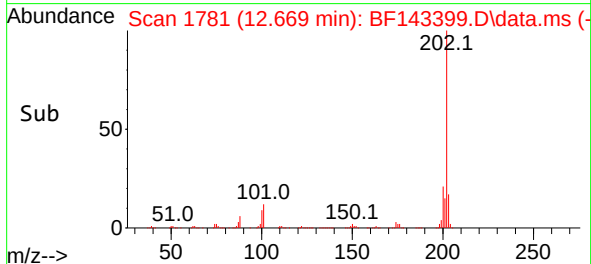
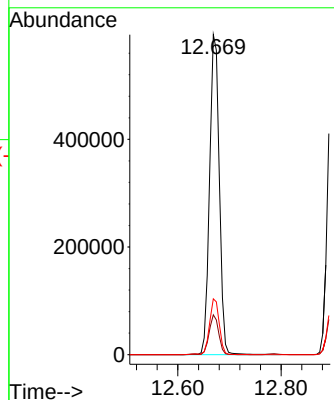
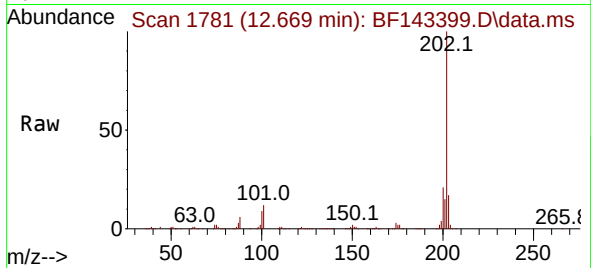




#75
Fluoranthene
Concen: 36.199 ng
RT: 12.669 min Scan# 1780
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

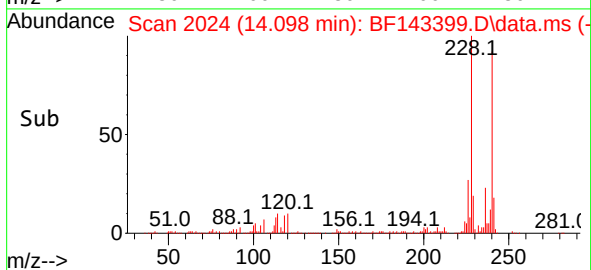
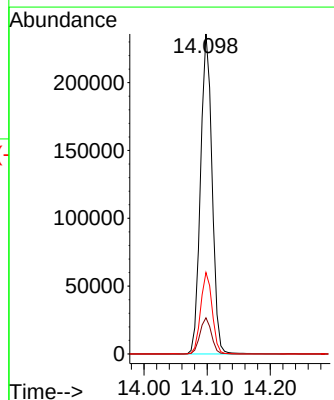
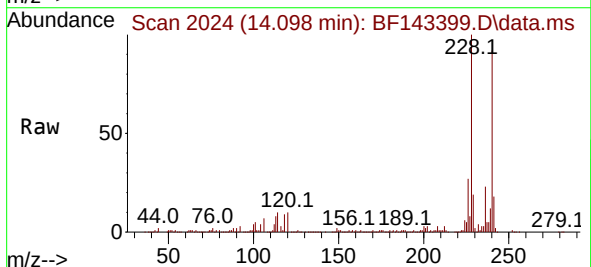
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

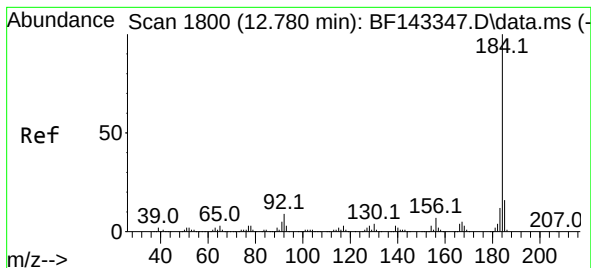
Tgt Ion:202 Resp: 775610
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.2
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion:240 Resp: 298922
Ion Ratio Lower Upper
240 100
120 11.3 9.0 13.6
236 25.4 19.9 29.9





#77

Benzidine

Concen: 39.424 ng

RT: 12.786 min Scan# 1801

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

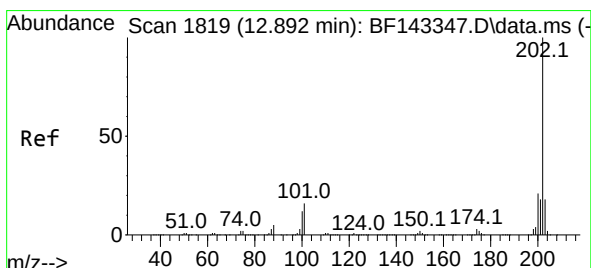
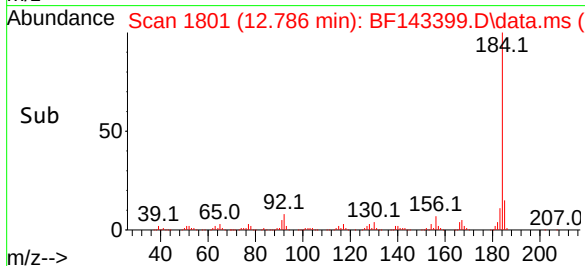
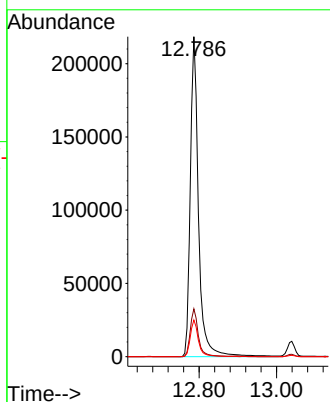
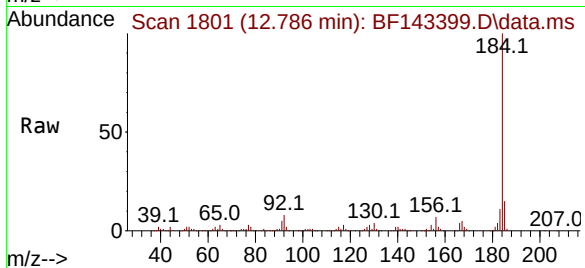
Tgt Ion:184 Resp: 322181

Ion Ratio Lower Upper

184 100

185 15.0 12.8 19.2

183 11.4 9.3 13.9



#78

Pyrene

Concen: 31.829 ng

RT: 12.898 min Scan# 1820

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

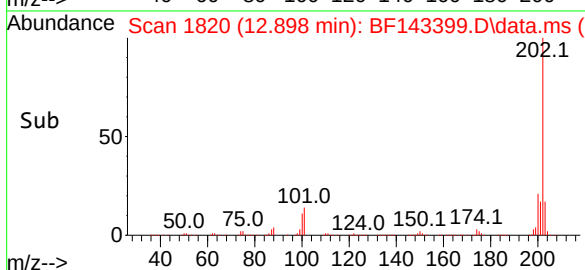
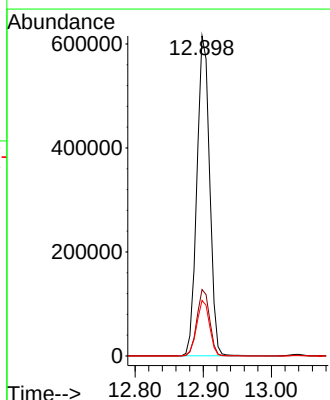
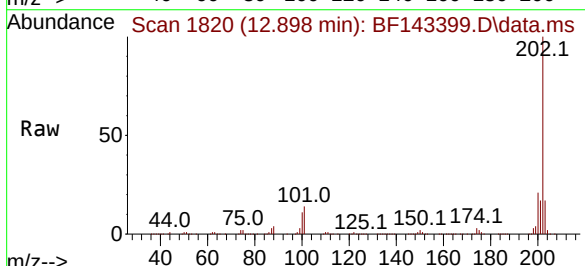
Tgt Ion:202 Resp: 798173

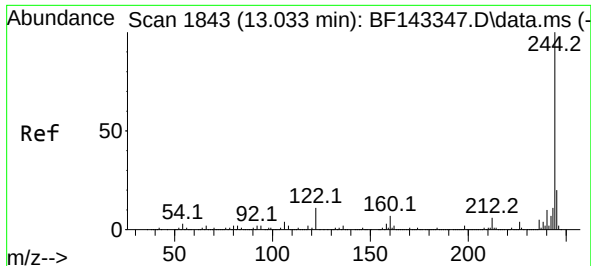
Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

203 17.3 14.2 21.4

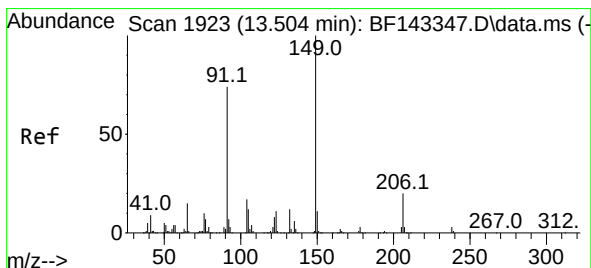
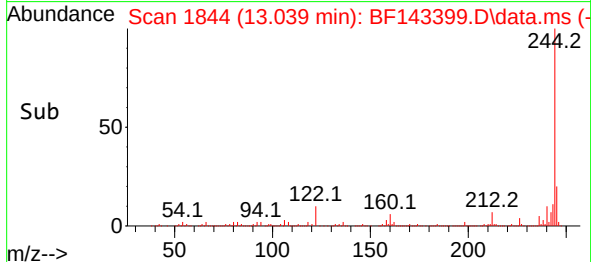
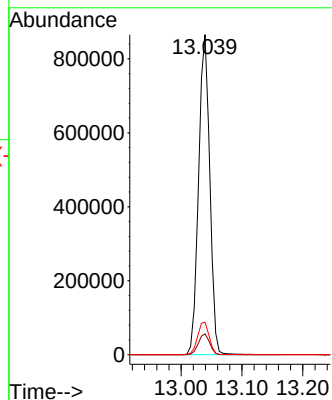
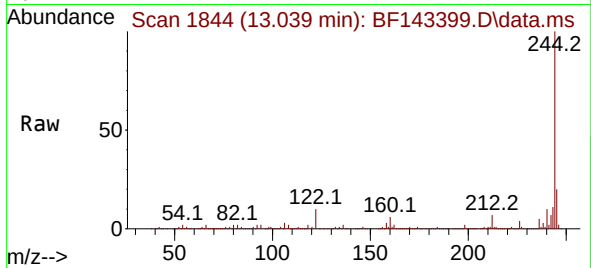




#79
 Terphenyl-d14
 Concen: 65.955 ng
 RT: 13.039 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF143399.D
 Acq: 15 Aug 2025 03:54

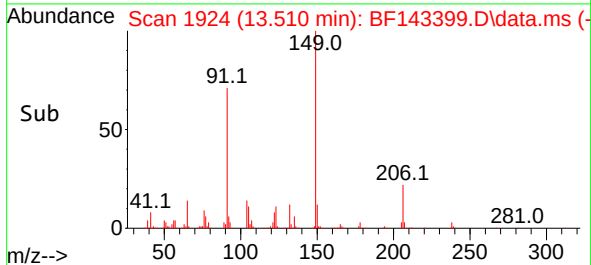
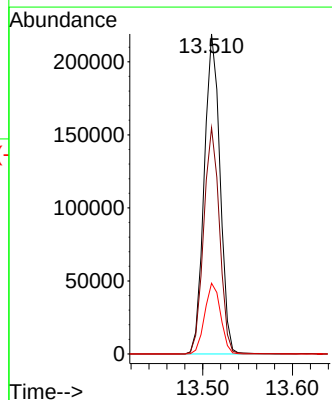
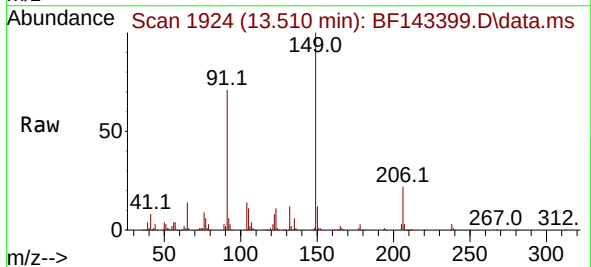
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

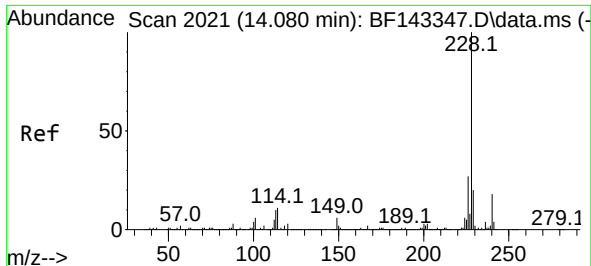
Tgt Ion:244 Resp: 1104297
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 10.1 8.9 13.3



#80
 Butylbenzylphthalate
 Concen: 53.579 ng
 RT: 13.510 min Scan# 1924
 Delta R.T. 0.006 min
 Lab File: BF143399.D
 Acq: 15 Aug 2025 03:54

Tgt Ion:149 Resp: 267587
 Ion Ratio Lower Upper
 149 100
 91 70.7 58.8 88.2
 206 22.1 16.4 24.6

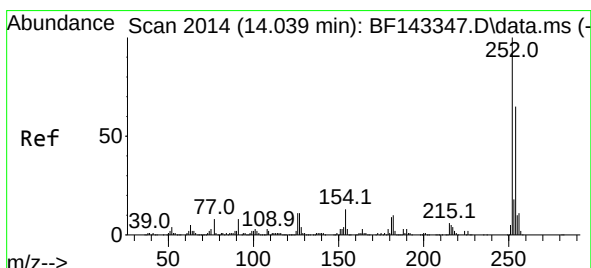
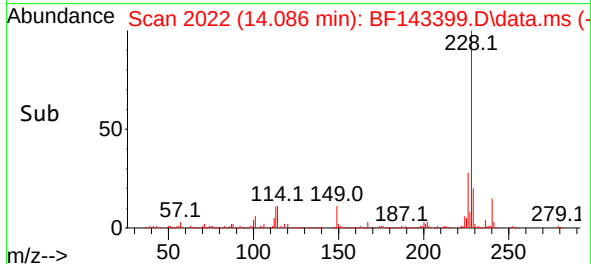
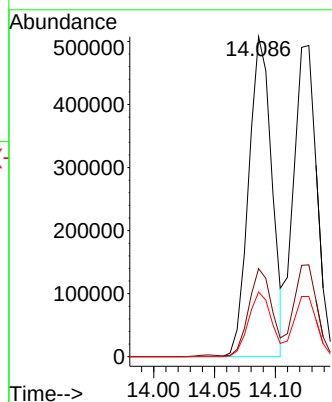
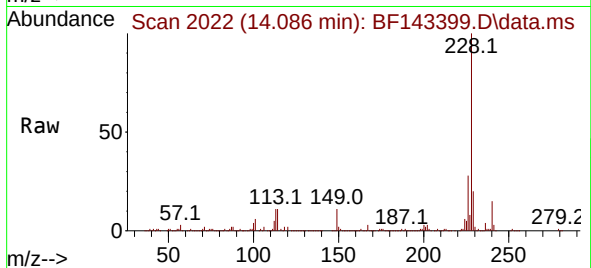




#81
Benzo(a)anthracene
Concen: 35.382 ng
RT: 14.086 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

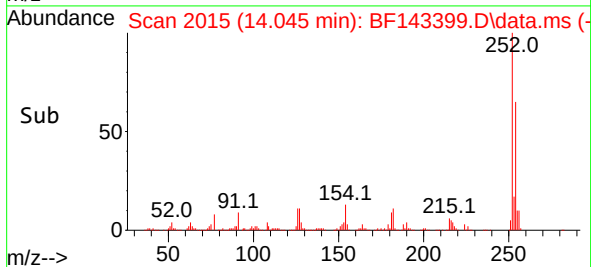
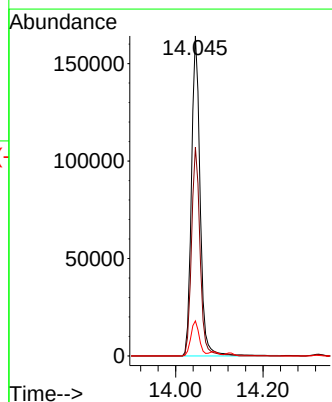
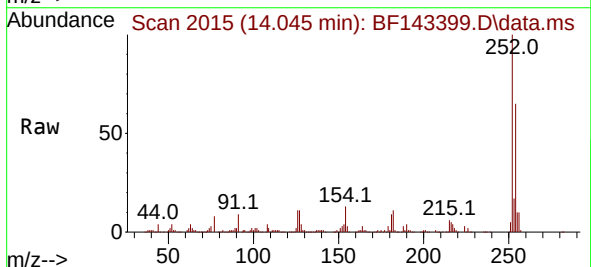
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

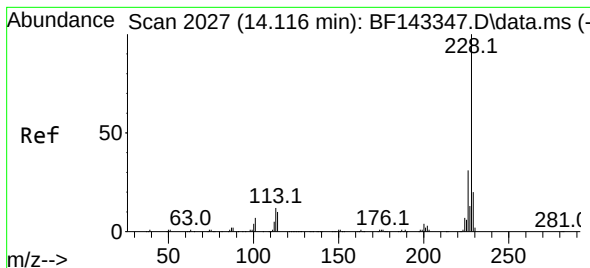
Tgt Ion:228 Resp: 672240
Ion Ratio Lower Upper
228 100
226 27.5 22.0 33.0
229 20.2 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 44.142 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion:252 Resp: 226457
Ion Ratio Lower Upper
252 100
254 65.2 51.7 77.5
126 11.0 9.2 13.8





#83

Chrysene

Concen: 37.405 ng

RT: 14.127 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

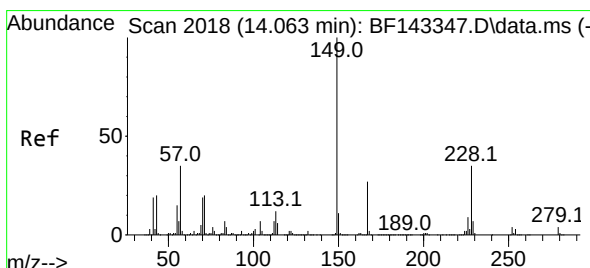
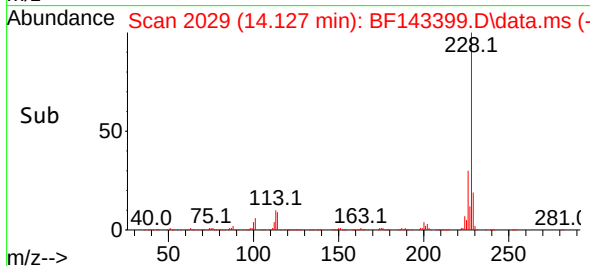
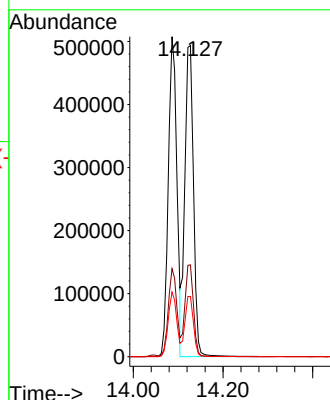
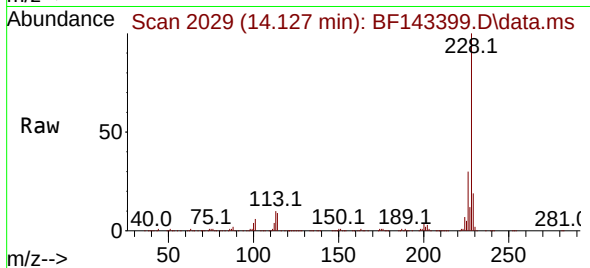
Tgt Ion:228 Resp: 662658

Ion Ratio Lower Upper

228 100

226 29.5 24.2 36.2

229 19.4 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.348 ng

RT: 14.069 min Scan# 2019

Delta R.T. 0.006 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

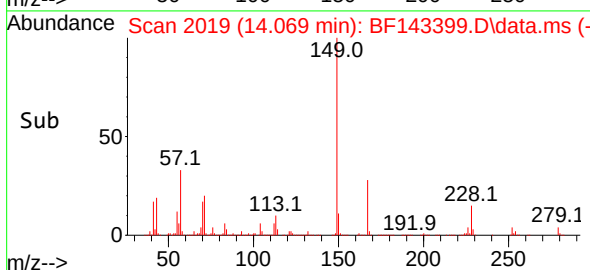
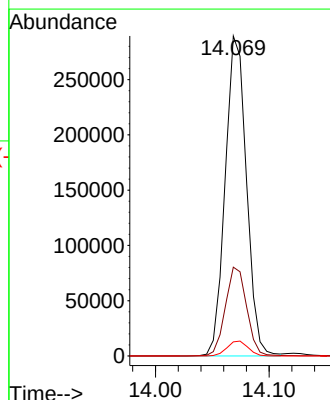
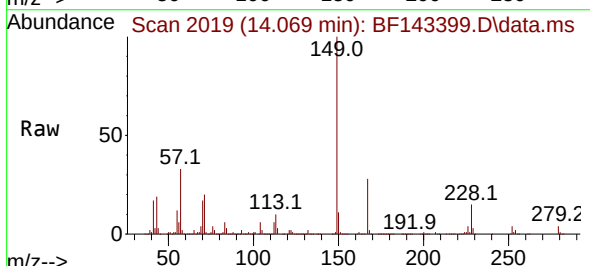
Tgt Ion:149 Resp: 376483

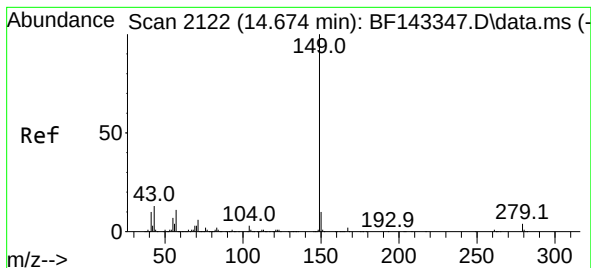
Ion Ratio Lower Upper

149 100

167 27.7 21.4 32.0

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 47.658 ng

RT: 14.686 min Scan# 2124

Delta R.T. 0.012 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

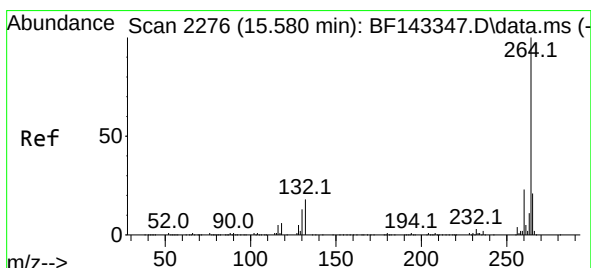
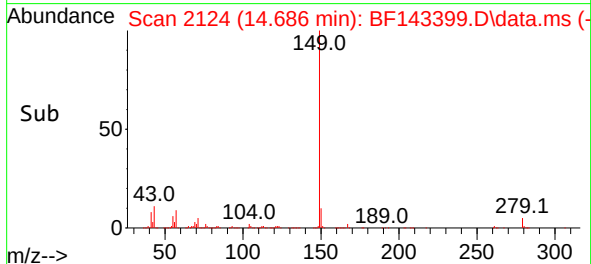
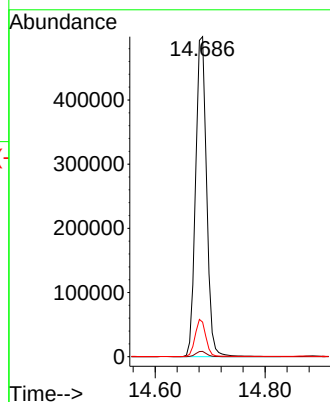
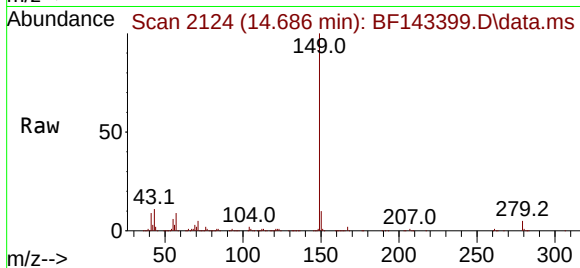
Tgt Ion:149 Resp: 690916

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.4 10.8 16.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2278

Delta R.T. 0.012 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

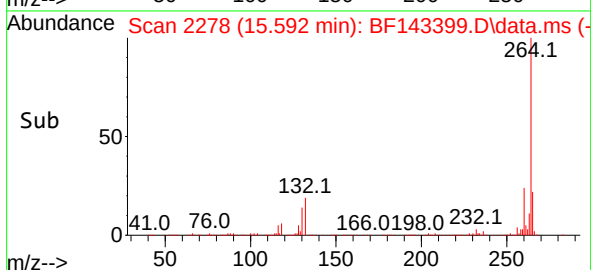
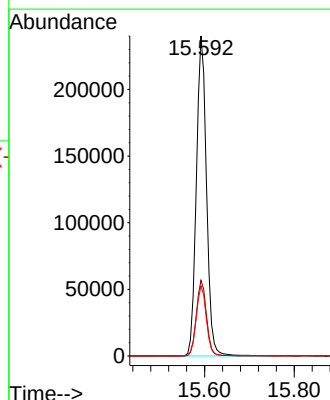
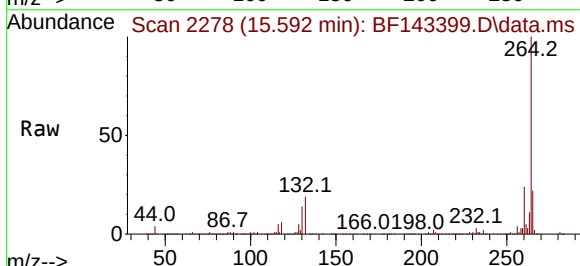
Tgt Ion:264 Resp: 377299

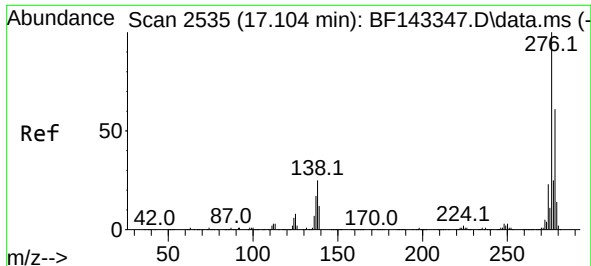
Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.9 17.2 25.8

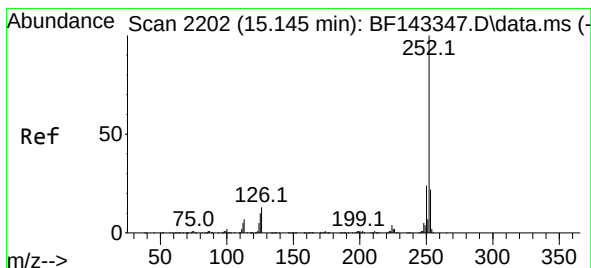
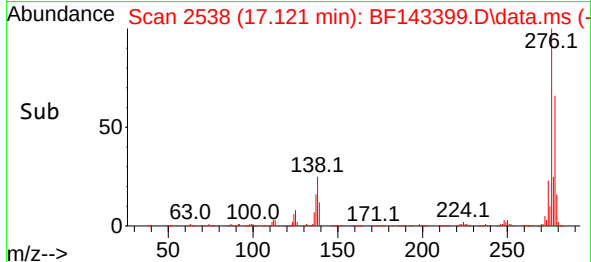
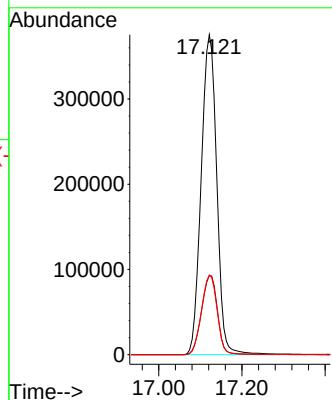
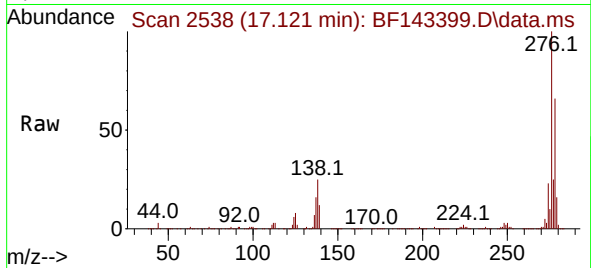




#87
Indeno(1,2,3-cd)pyrene
Concen: 36.148 ng
RT: 17.121 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

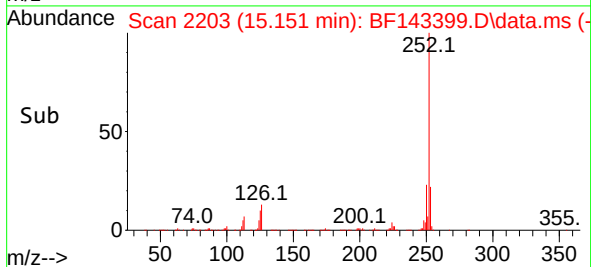
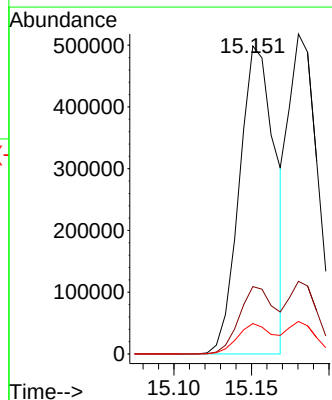
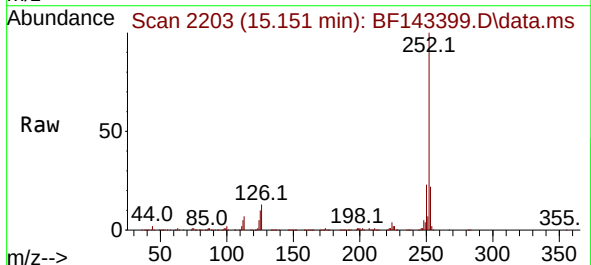
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

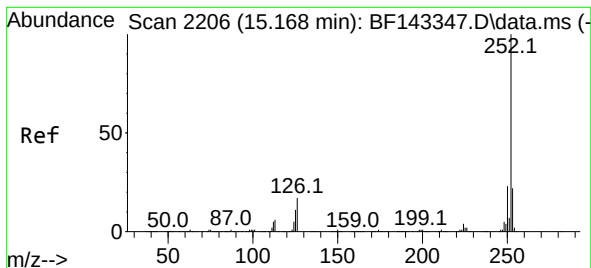
Tgt Ion:276 Resp: 977103
Ion Ratio Lower Upper
276 100
138 25.4 21.1 31.7
277 25.0 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 38.730 ng
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion:252 Resp: 799255
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 9.9 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 34.263 ng

RT: 15.180 min Scan# 2206

Delta R.T. 0.012 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

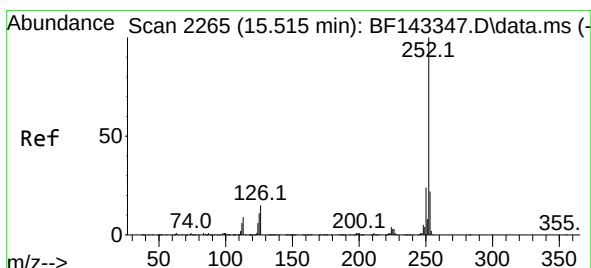
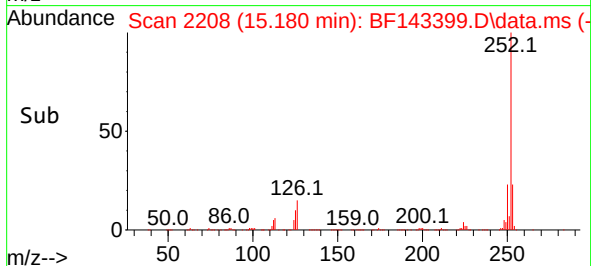
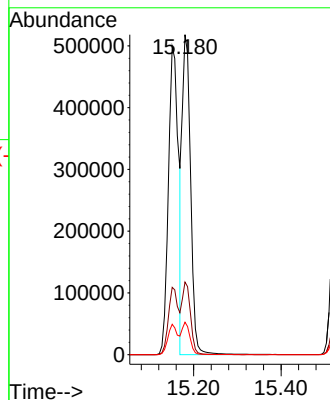
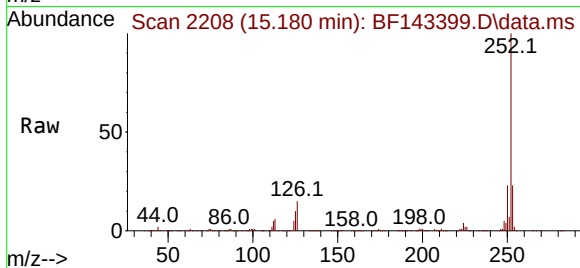
Tgt Ion:252 Resp: 687057

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

125 10.1 8.4 12.6



#90

Benzo(a)pyrene

Concen: 36.858 ng

RT: 15.527 min Scan# 2267

Delta R.T. 0.012 min

Lab File: BF143399.D

Acq: 15 Aug 2025 03:54

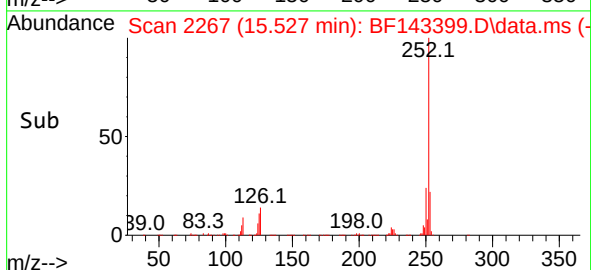
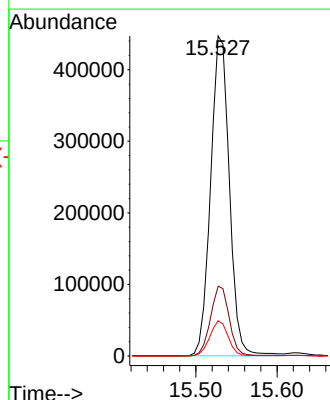
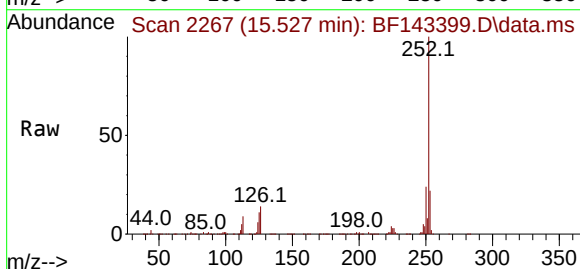
Tgt Ion:252 Resp: 716381

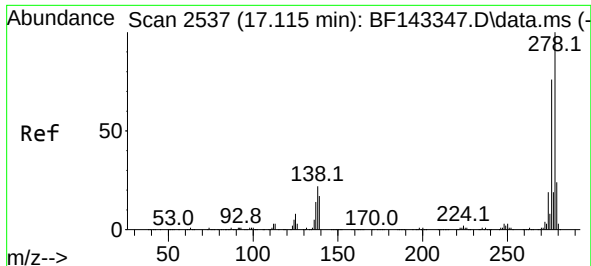
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 11.0 9.1 13.7

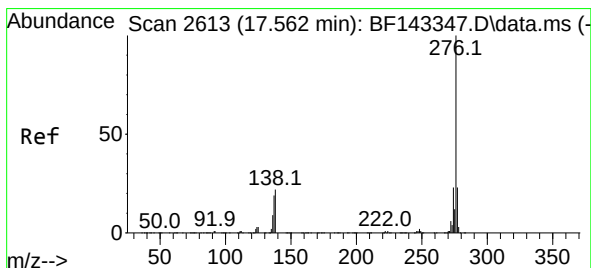
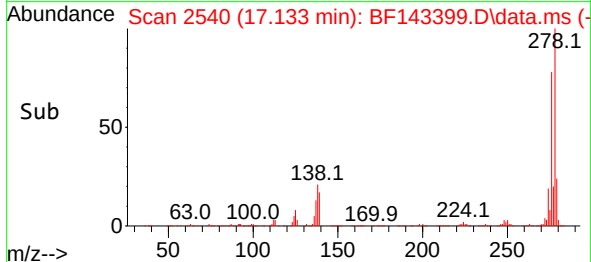
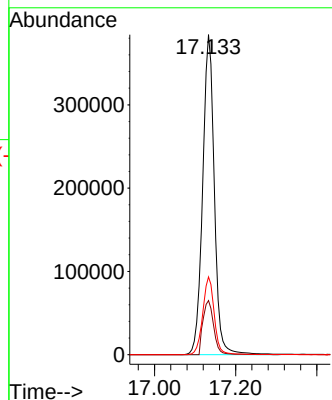
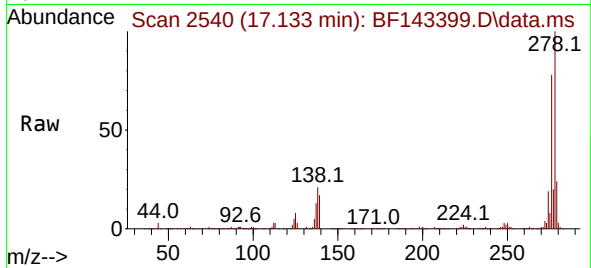




#91
Dibenzo(a,h)anthracene
Concen: 35.627 ng
RT: 17.133 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 769353
Ion Ratio Lower Upper
278 100
139 16.9 14.0 21.0
279 24.3 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 35.184 ng
RT: 17.580 min Scan# 2616
Delta R.T. 0.018 min
Lab File: BF143399.D
Acq: 15 Aug 2025 03:54

Tgt Ion:276 Resp: 765398
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 22.5 17.8 26.8

