

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030525\
 Data File : BF141835.D
 Acq On : 05 Mar 2025 10:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 05 11:27:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	246608	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	945299	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	507589	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	873644	20.000	ng	0.00
76) Chrysene-d12	14.045	240	595765	20.000	ng	0.00
86) Perylene-d12	15.510	264	513355	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1246062	80.693	ng	0.00
7) Phenol-d6	6.510	99	1590960	79.155	ng	0.00
23) Nitrobenzene-d5	7.445	82	1402310	94.823	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	425699	89.332	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2496418	78.861	ng	0.00
79) Terphenyl-d14	12.992	244	2834884	76.987	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.681	88	281849	40.225	ng 99
3) Pyridine	3.452	79	705001	40.439	ng 98
4) n-Nitrosodimethylamine	3.393	42	341742	40.740	ng 97
6) Aniline	6.551	93	828160	39.633	ng 99
8) 2-Chlorophenol	6.669	128	667898	39.983	ng 99
9) Benzaldehyde	6.440	77	411185	35.170	ng 98
10) Phenol	6.522	94	855332	39.824	ng 98
11) bis(2-Chloroethyl)ether	6.622	93	607625	37.114	ng 99
12) 1,3-Dichlorobenzene	6.828	146	705872	39.458	ng 99
13) 1,4-Dichlorobenzene	6.904	146	715372	39.687	ng 99
14) 1,2-Dichlorobenzene	7.057	146	664849	39.499	ng 100
15) Benzyl Alcohol	7.022	79	627467	39.062	ng 100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	873469	35.131	ng 99
17) 2-Methylphenol	7.128	107	539412	39.120	ng 99
18) Hexachloroethane	7.398	117	257495	38.167	ng 99
19) n-Nitroso-di-n-propyla...	7.298	70	470848	35.637	ng 100
20) 3+4-Methylphenols	7.281	107	682535	39.753	ng 95
22) Acetophenone	7.292	105	907232	39.406	ng 98
24) Nitrobenzene	7.469	77	708702	44.751	ng 99
25) Isophorone	7.704	82	1195819	37.638	ng 99
26) 2-Nitrophenol	7.781	139	337701	47.760	ng 99
27) 2,4-Dimethylphenol	7.810	122	469729	40.220	ng 100
28) bis(2-Chloroethoxy)met...	7.916	93	747705	36.892	ng 99
29) 2,4-Dichlorophenol	8.016	162	550338	40.846	ng 100
30) 1,2,4-Trichlorobenzene	8.110	180	590525	39.998	ng 99
31) Naphthalene	8.192	128	1922662	39.574	ng 99
32) Benzoic acid	7.922	122	468479	48.051	ng 99
33) 4-Chloroaniline	8.234	127	714189	40.091	ng 100
34) Hexachlorobutadiene	8.304	225	354160	38.603	ng 99
35) Caprolactam	8.604	113	185176	44.676	ng 93
36) 4-Chloro-3-methylphenol	8.710	107	612816	40.944	ng 97
37) 2-Methylnaphthalene	8.881	142	1241689	38.964	ng 100
38) 1-Methylnaphthalene	8.981	142	1218817	39.860	ng 100
40) 1,2,4,5-Tetrachloroben...	9.045	216	585654	39.950	ng 99
41) Hexachlorocyclopentadiene	9.034	237	238457	38.977	ng 99
43) 2,4,6-Trichlorophenol	9.151	196	400730	42.317	ng 99

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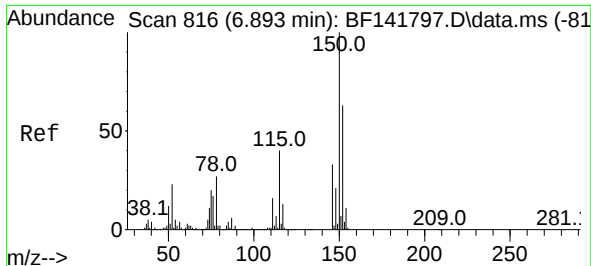
Quant Time: Mar 05 11:27:11 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	418618	44.643	ng	100
46) 1,1'-Biphenyl	9.345	154	1527684	39.541	ng	100
47) 2-Chloronaphthalene	9.369	162	1161554	40.733	ng	99
48) 2-Nitroaniline	9.457	65	379633	48.579	ng	99
49) Acenaphthylene	9.786	152	1752309	40.985	ng	99
50) Dimethylphthalate	9.639	163	1345931	39.595	ng	100
51) 2,6-Dinitrotoluene	9.704	165	301676	46.487	ng	91
52) Acenaphthene	9.957	154	1206437	41.819	ng	99
53) 3-Nitroaniline	9.869	138	332516	48.006	ng	# 96
54) 2,4-Dinitrophenol	9.975	184	151609	57.060	ng	# 1
55) Dibenzofuran	10.128	168	1695006	40.368	ng	99
56) 4-Nitrophenol	10.016	139	287143	57.194	ng	98
57) 2,4-Dinitrotoluene	10.104	165	398234	49.981	ng	93
58) Fluorene	10.469	166	1272485	40.458	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	356479	43.711	ng	99
60) Diethylphthalate	10.339	149	1340314	39.332	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	615259	39.043	ng	99
62) 4-Nitroaniline	10.480	138	334806	57.675	ng	95
63) Azobenzene	10.622	77	1373599	38.283	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	213658	51.268	ng	94
66) n-Nitrosodiphenylamine	10.581	169	1114485	38.849	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	389763	38.195	ng	97
68) Hexachlorobenzene	11.016	284	427268	39.651	ng	99
69) Atrazine	11.104	200	272033	34.483	ng	98
70) Pentachlorophenol	11.204	266	308128	45.085	ng	99
71) Phenanthrene	11.433	178	1890507	40.455	ng	99
72) Anthracene	11.480	178	1901419	40.598	ng	99
73) Carbazole	11.633	167	1730017	41.829	ng	100
74) Di-n-butylphthalate	11.969	149	1976148	37.694	ng	99
75) Fluoranthene	12.616	202	2021622	42.219	ng	99
77) Benzidine	12.733	184	455419	60.734	ng	100
78) Pyrene	12.845	202	2051898	39.773	ng	100
80) Butylbenzylphthalate	13.463	149	769482	41.053	ng	99
81) Benzo(a)anthracene	14.033	228	1559065	39.619	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	454914	40.293	ng	99
83) Chrysene	14.069	228	1417476	39.076	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	961512	41.198	ng	99
85) Di-n-octyl phthalate	14.633	149	1348427	38.592	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	1345046	41.147	ng	98
88) Benzo(b)fluoranthene	15.080	252	1404956	40.178	ng	100
89) Benzo(k)fluoranthene	15.110	252	1085559	36.524	ng	100
90) Benzo(a)pyrene	15.451	252	1102749	39.322	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	1095326	41.050	ng	98
92) Benzo(g,h,i)perylene	17.451	276	1134958	41.520	ng	99

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

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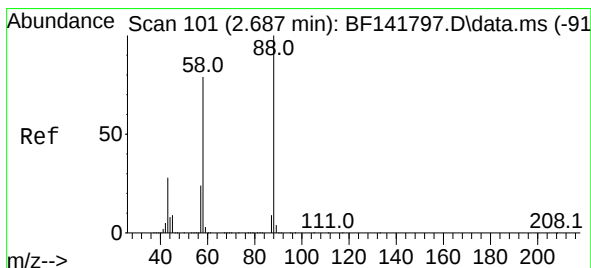
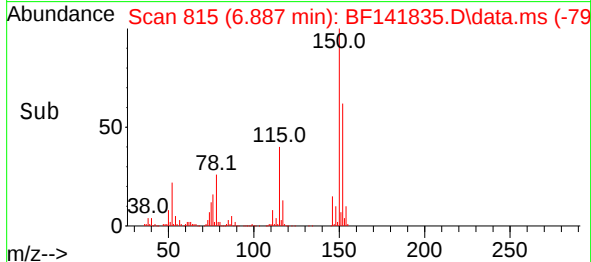
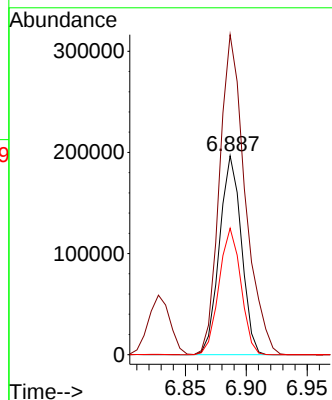
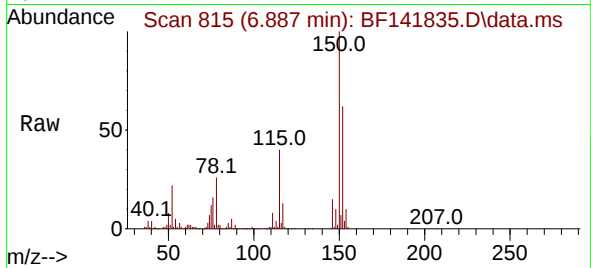




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF141835.D
 Acq: 05 Mar 2025 10:09

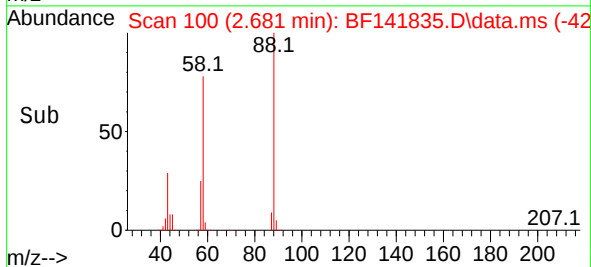
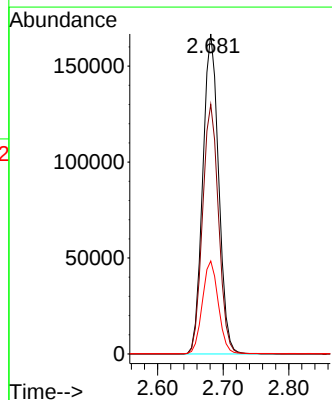
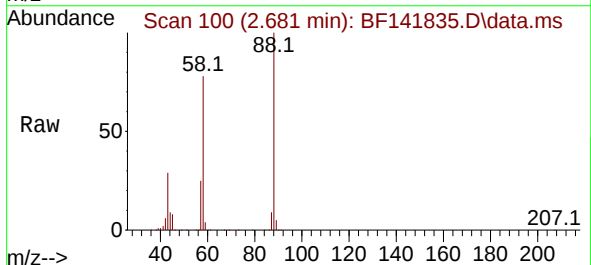
Instrument :
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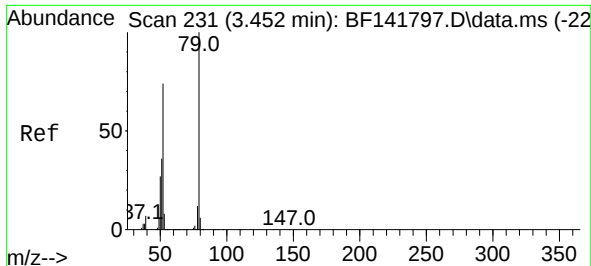
Tgt Ion:152 Resp: 246608
 Ion Ratio Lower Upper
 152 100
 150 160.8 127.5 191.3
 115 63.6 51.4 77.2



#2
 1,4-Dioxane
 Concen: 40.225 ng
 RT: 2.681 min Scan# 100
 Delta R.T. -0.006 min
 Lab File: BF141835.D
 Acq: 05 Mar 2025 10:09

Tgt Ion: 88 Resp: 281849
 Ion Ratio Lower Upper
 88 100
 58 78.5 63.9 95.9
 43 28.9 23.0 34.6





#3

Pyridine

Concen: 40.439 ng

RT: 3.452 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

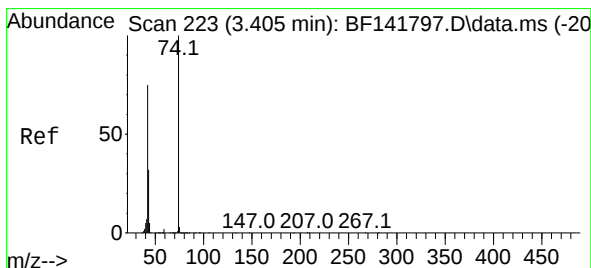
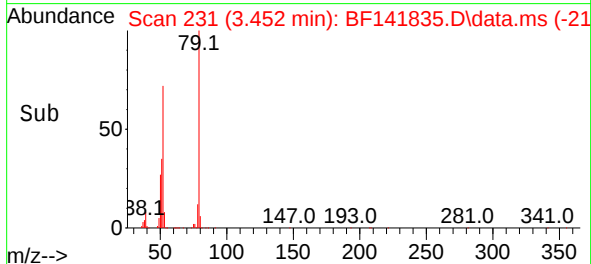
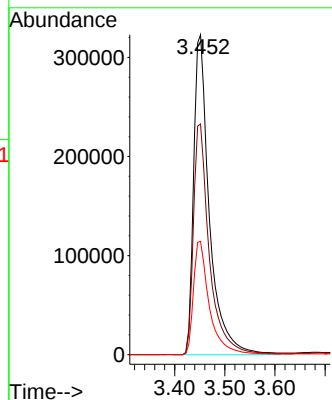
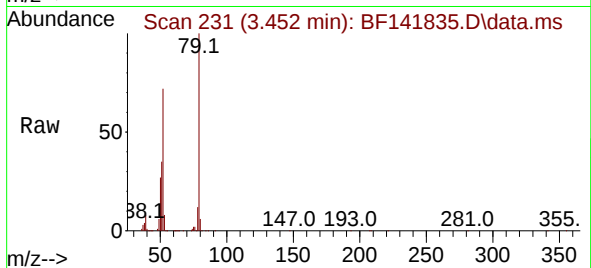
Tgt Ion: 79 Resp: 705001

Ion Ratio Lower Upper

79 100

52 72.1 59.0 88.4

51 35.4 29.0 43.4



#4

n-Nitrosodimethylamine

Concen: 40.740 ng

RT: 3.393 min Scan# 221

Delta R.T. -0.012 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

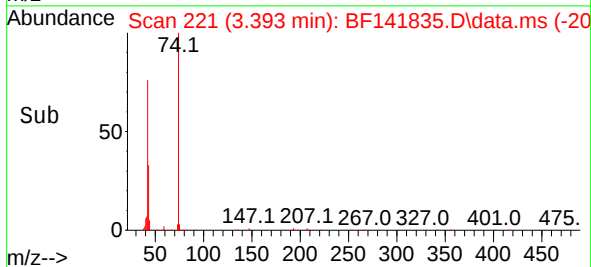
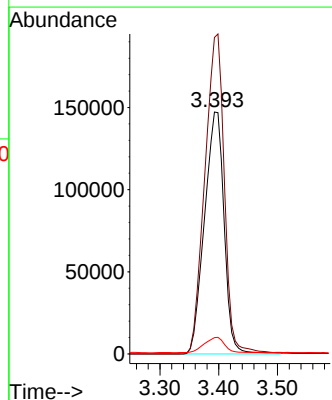
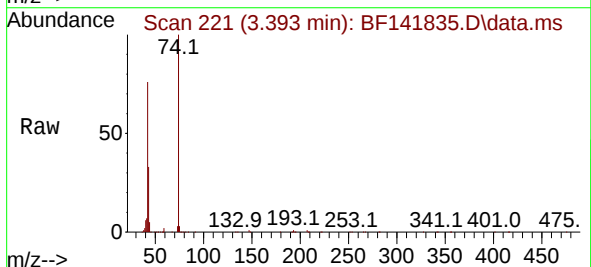
Tgt Ion: 42 Resp: 341742

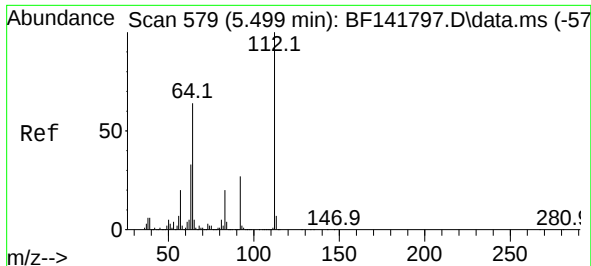
Ion Ratio Lower Upper

42 100

74 130.9 107.1 160.7

44 6.7 6.6 9.8

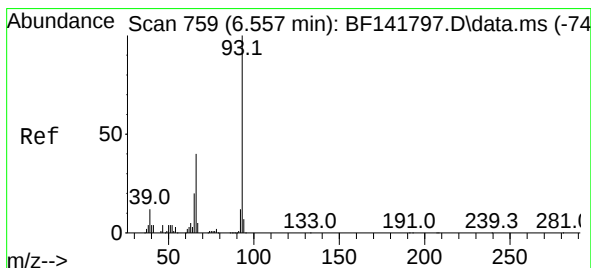
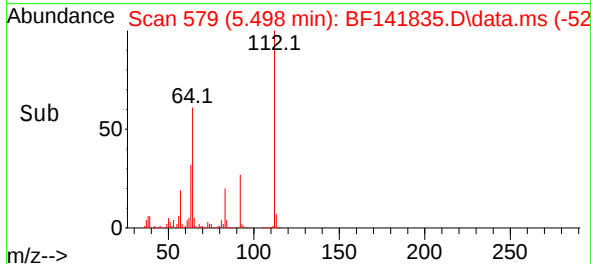
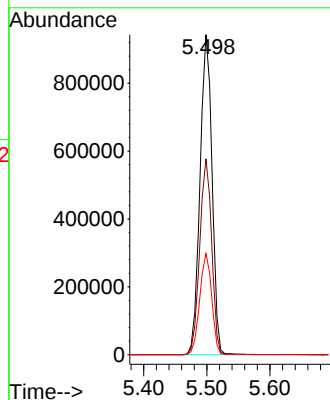
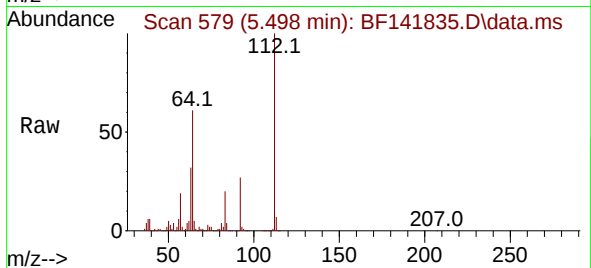




#5
2-Fluorophenol
Concen: 80.693 ng
RT: 5.498 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

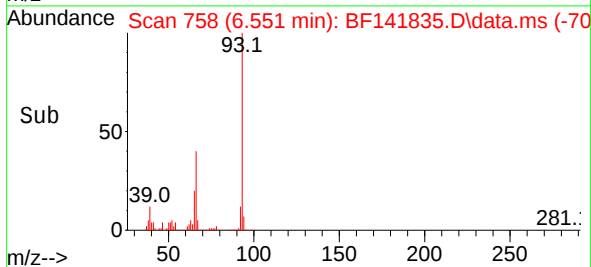
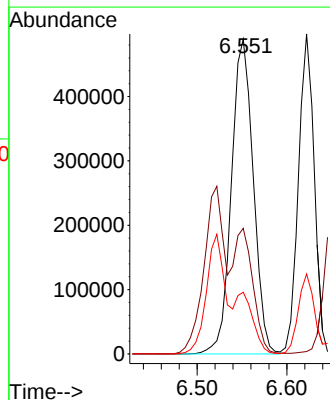
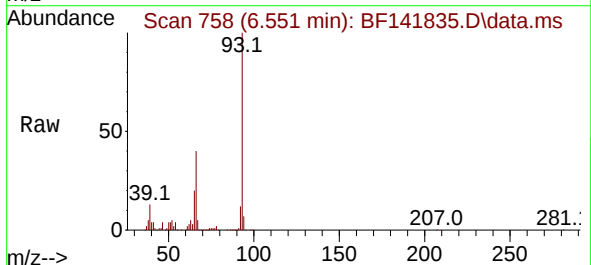
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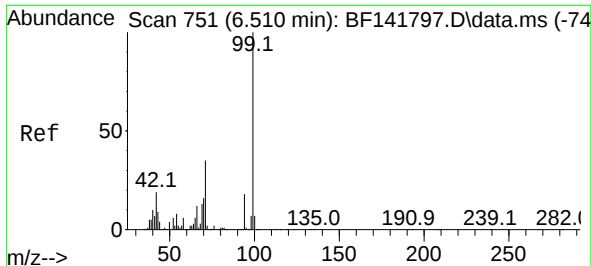
Tgt Ion:112 Resp: 1246062
Ion Ratio Lower Upper
112 100
64 61.2 51.3 76.9
63 31.6 26.2 39.4



#6
Aniline
Concen: 39.633 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

Tgt Ion: 93 Resp: 828160
Ion Ratio Lower Upper
93 100
66 39.9 32.3 48.5
65 19.6 15.9 23.9

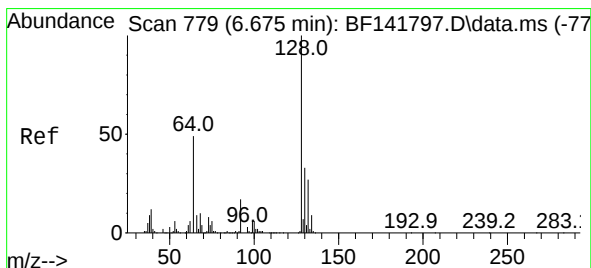
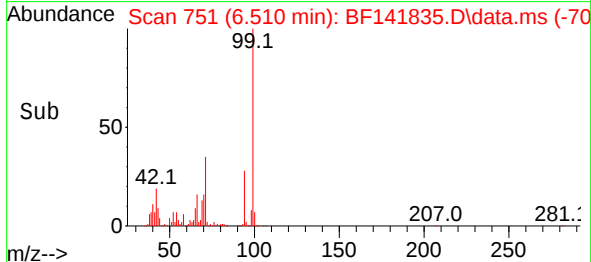
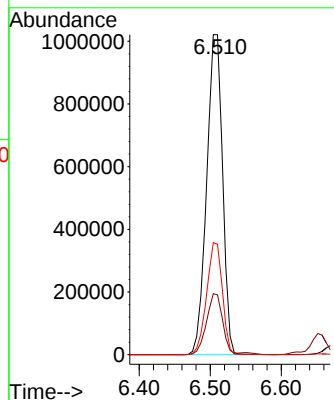
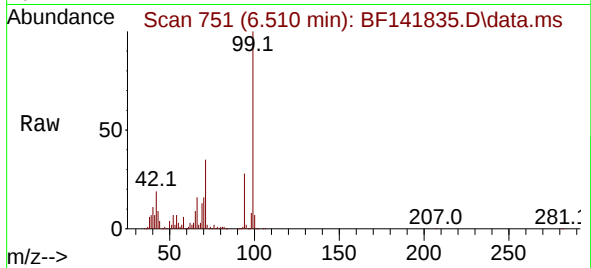




#7
Phenol-d6
Concen: 79.155 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

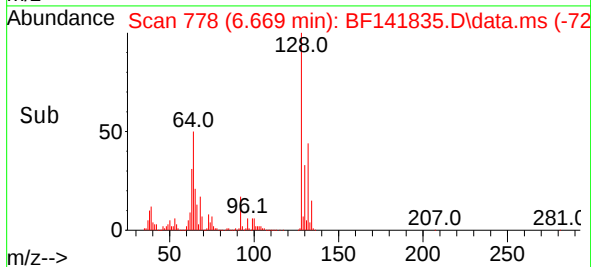
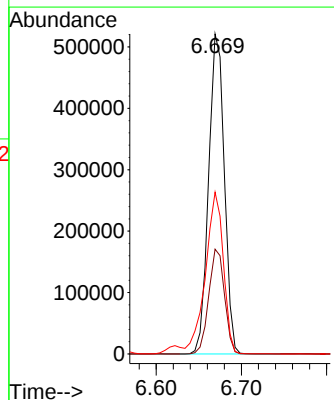
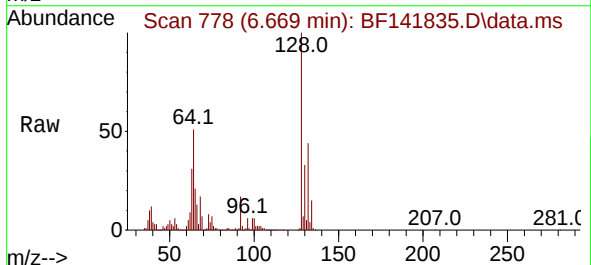
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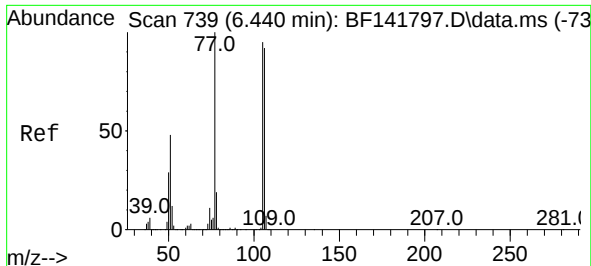
Tgt Ion: 99 Resp: 1590960
Ion Ratio Lower Upper
99 100
42 18.7 15.2 22.8
71 34.6 28.2 42.2



#8
2-Chlorophenol
Concen: 39.983 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

Tgt Ion: 128 Resp: 667898
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 50.5 31.1 71.1

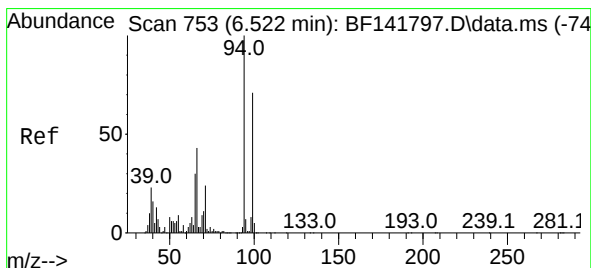
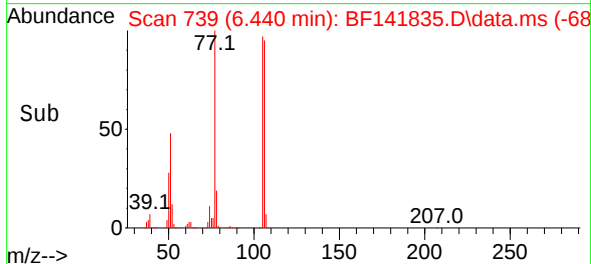
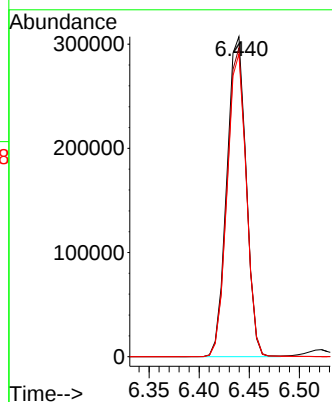
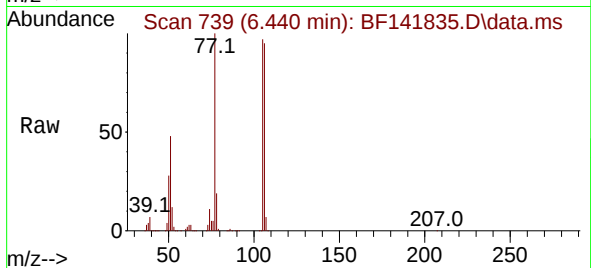




#9
Benzaldehyde
Concen: 35.170 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

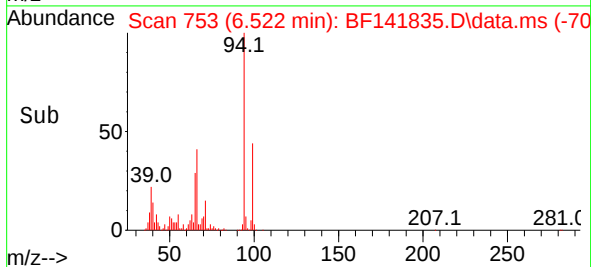
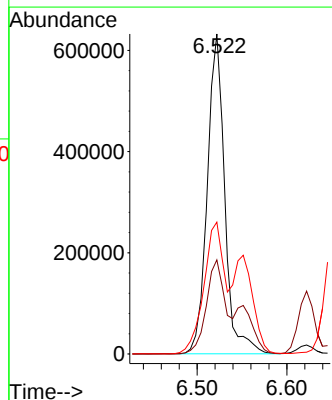
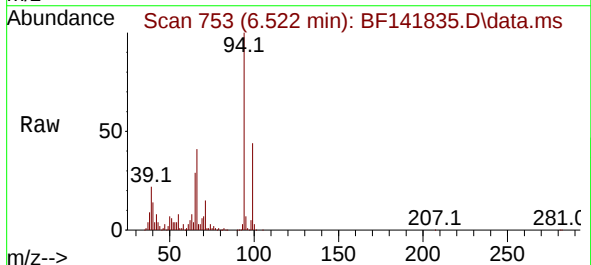
Instrument :
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ClientSampleId :
SSTDCCC040

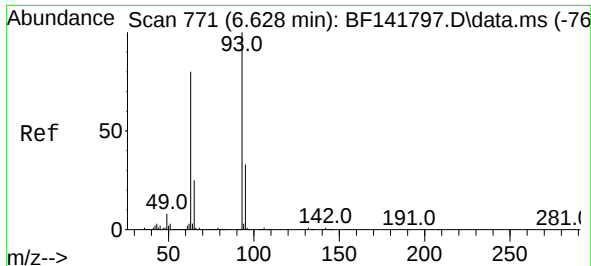
Tgt Ion: 77 Resp: 411185
Ion Ratio Lower Upper
77 100
105 96.5 75.3 115.3
106 94.6 72.3 112.3



#10
Phenol
Concen: 39.824 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

Tgt Ion: 94 Resp: 855332
Ion Ratio Lower Upper
94 100
65 29.4 10.2 50.2
66 41.2 23.2 63.2





#11

bis(2-Chloroethyl)ether

Concen: 37.114 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

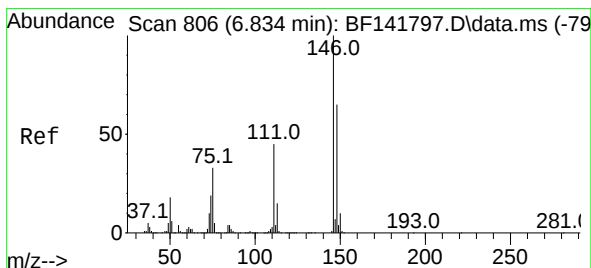
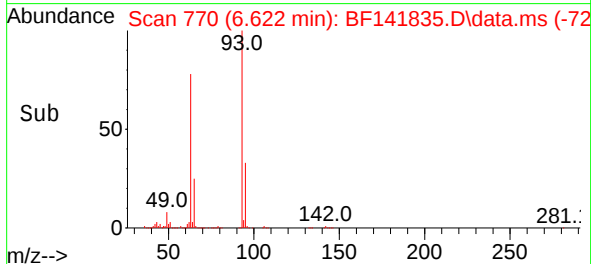
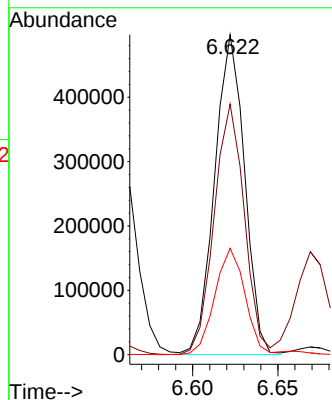
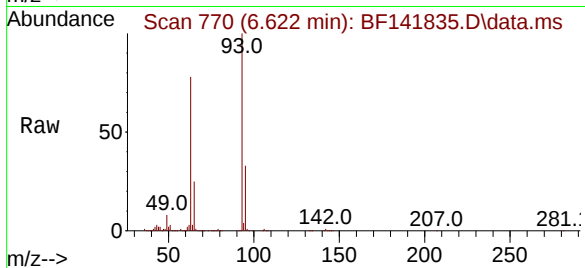
Tgt Ion: 93 Resp: 607625

Ion Ratio Lower Upper

93 100

63 78.3 59.3 99.3

95 33.2 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 39.458 ng

RT: 6.828 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

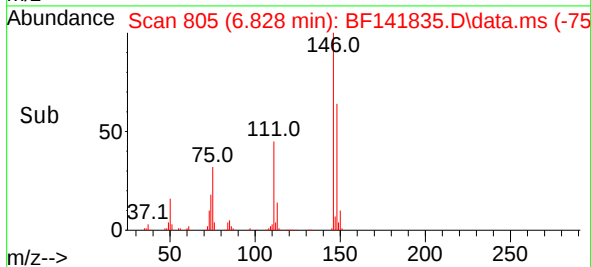
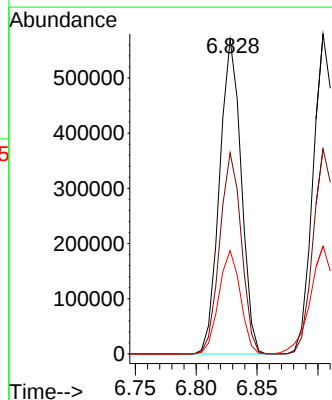
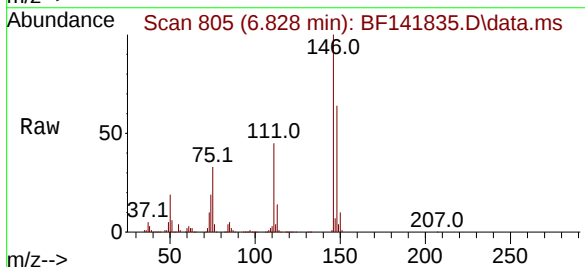
Tgt Ion:146 Resp: 705872

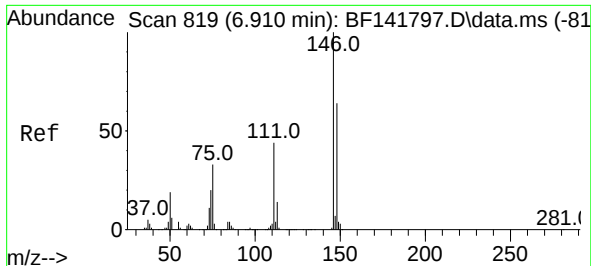
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

75 32.9 26.2 39.4

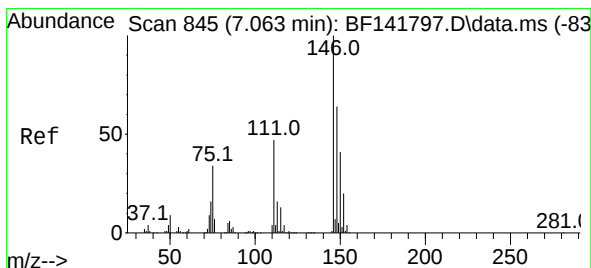
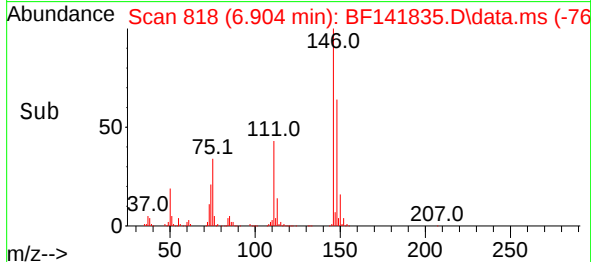
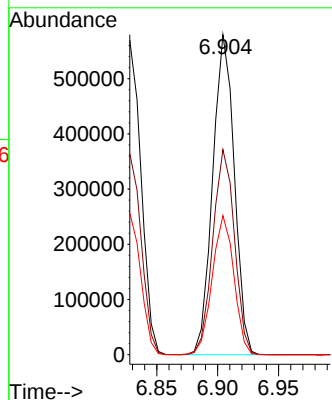
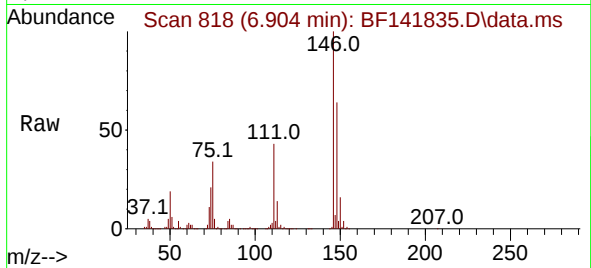




#13
1,4-Dichlorobenzene
Concen: 39.687 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

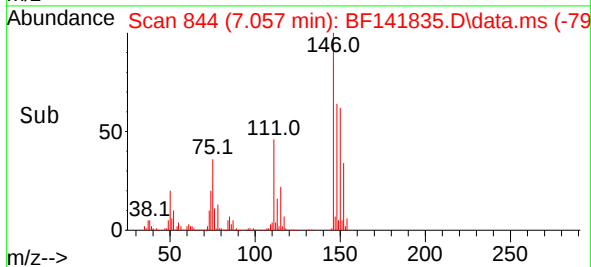
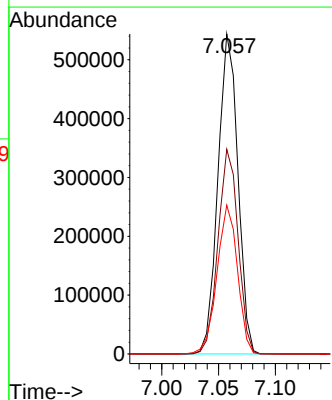
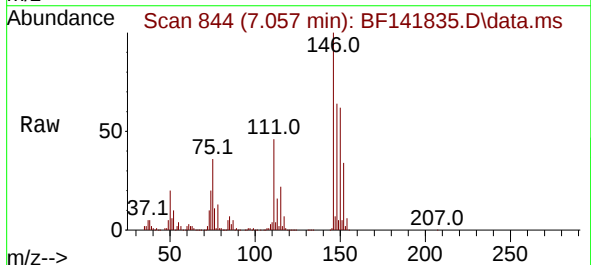
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

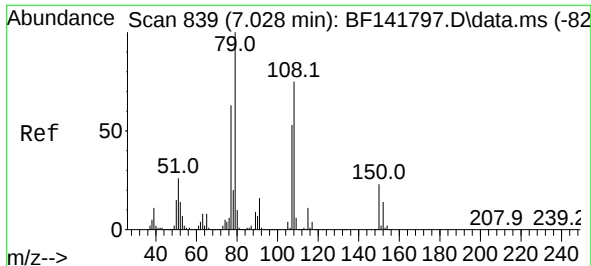
Tgt Ion:146 Resp: 715372
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
111 43.5 35.5 53.3



#14
1,2-Dichlorobenzene
Concen: 39.499 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

Tgt Ion:146 Resp: 664849
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
111 46.5 37.8 56.6

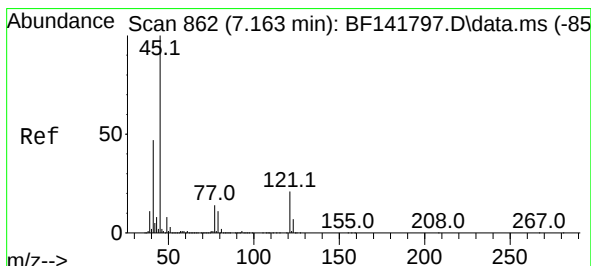
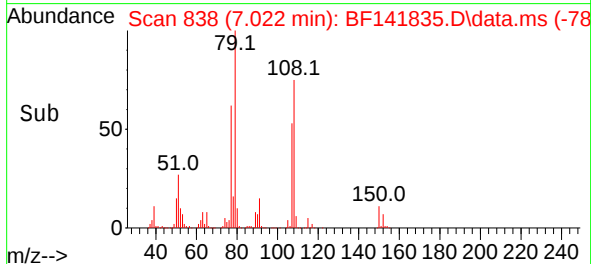
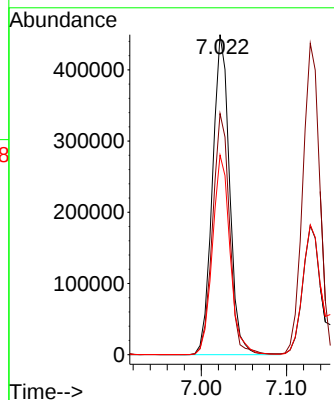
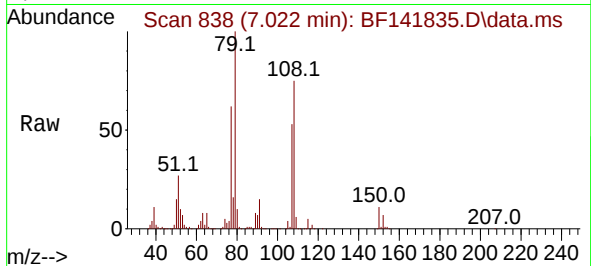




#15
Benzyl Alcohol
Concen: 39.062 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

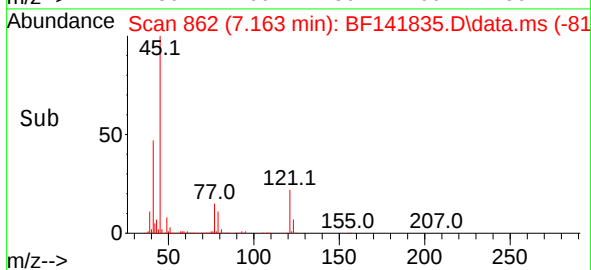
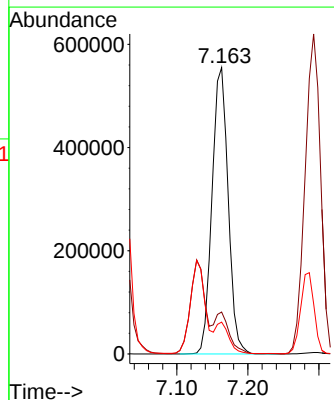
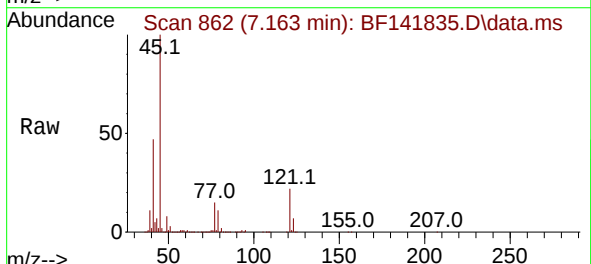
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

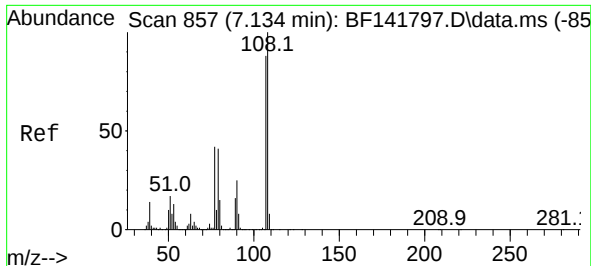
Tgt Ion: 79 Resp: 627467
Ion Ratio Lower Upper
79 100
108 75.4 60.2 90.2
77 62.4 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.131 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

Tgt Ion: 45 Resp: 873469
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.4
79 11.1 0.0 30.9

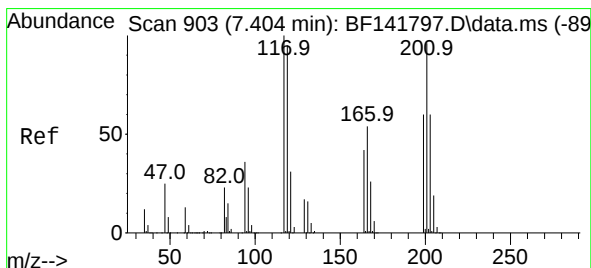
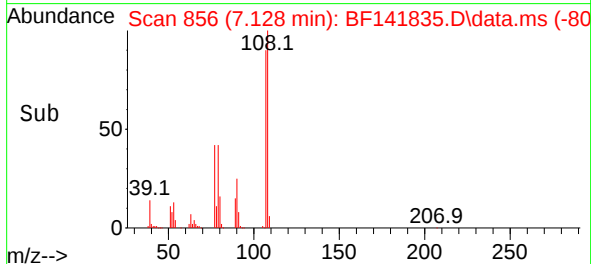
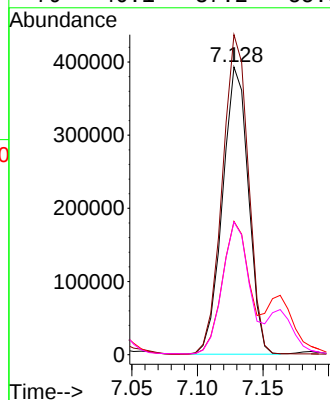
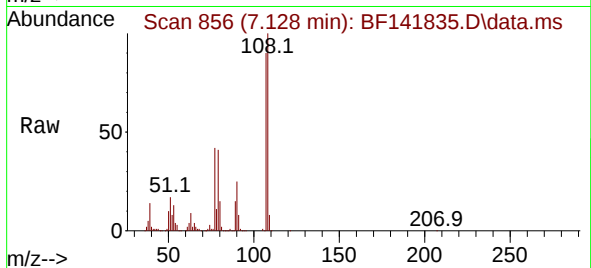




#17
2-Methylphenol
Concen: 39.120 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

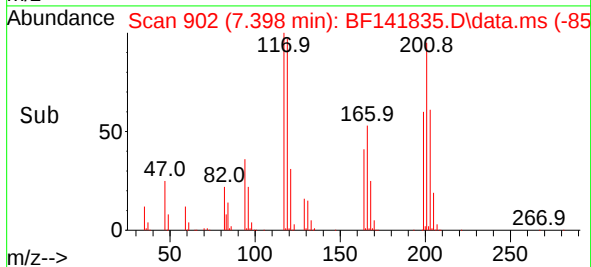
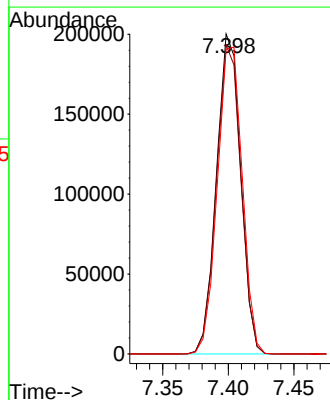
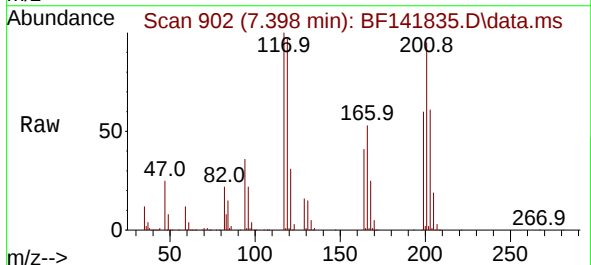
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

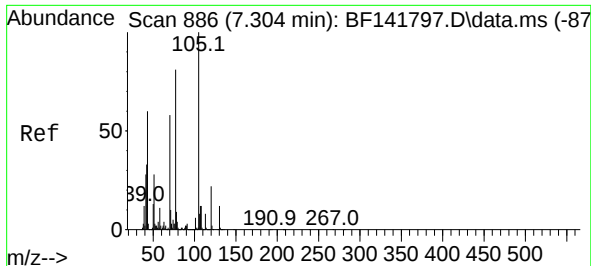
Tgt Ion:107 Resp: 539412
Ion Ratio Lower Upper
107 100
108 111.2 90.6 135.8
77 46.3 37.7 56.5
79 46.1 37.2 55.8



#18
Hexachloroethane
Concen: 38.167 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

Tgt Ion:117 Resp: 257495
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8
201 95.3 76.7 115.1



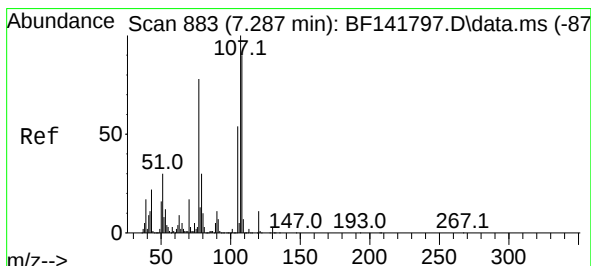
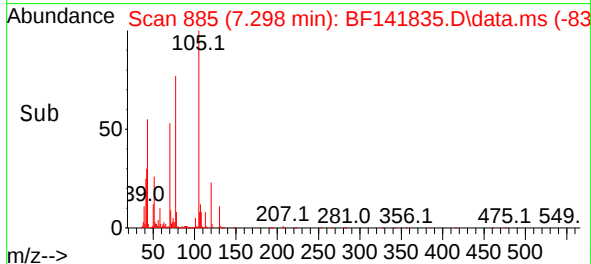
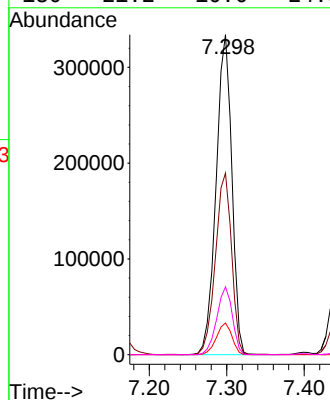
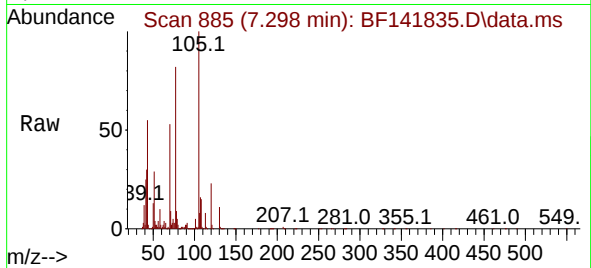


#19
n-Nitroso-di-n-propylamine
Concen: 35.637 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 470848

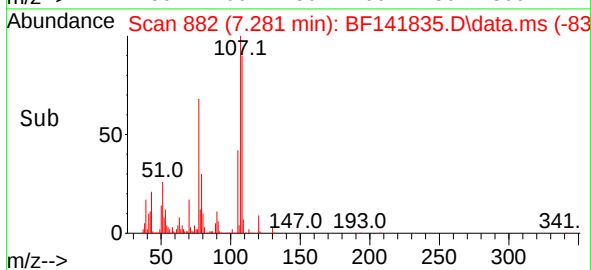
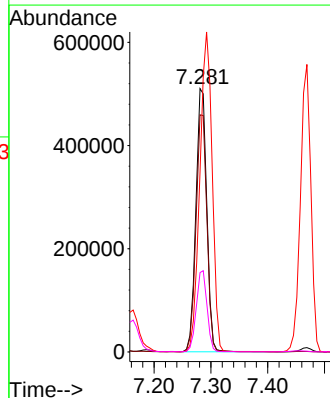
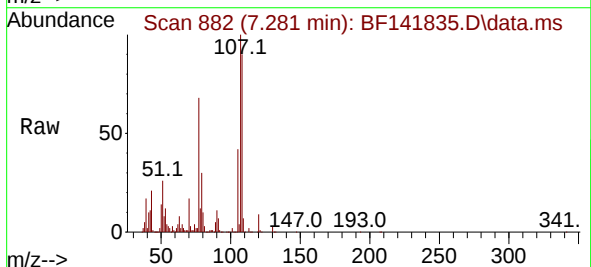
Ion	Ratio	Lower	Upper
70	100		
42	56.8	45.4	68.0
101	9.9	7.8	11.8
130	21.2	16.6	24.8

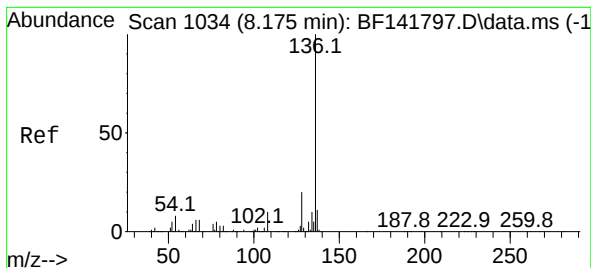


#20
3+4-Methylphenols
Concen: 39.753 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

Tgt Ion: 107 Resp: 682535

Ion	Ratio	Lower	Upper
107	100		
108	90.0	69.7	109.7
77	68.4	58.3	98.3
79	30.1	10.3	50.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 945299

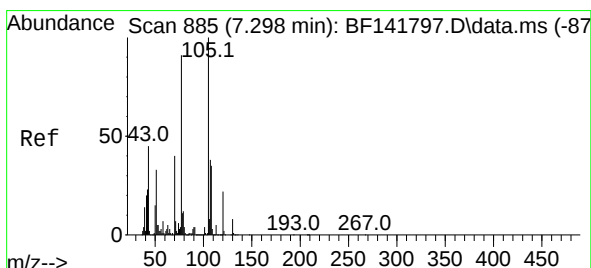
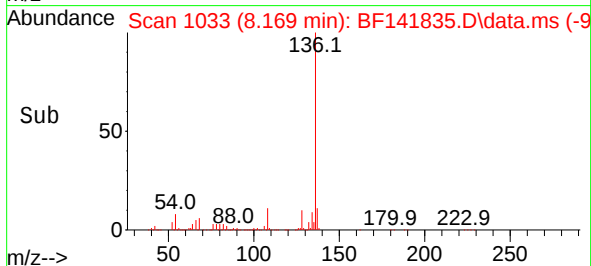
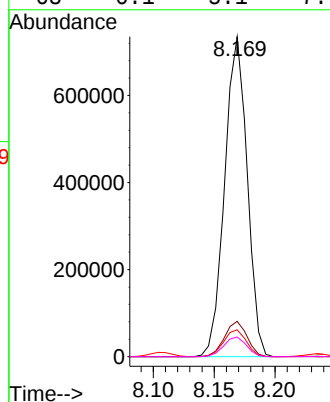
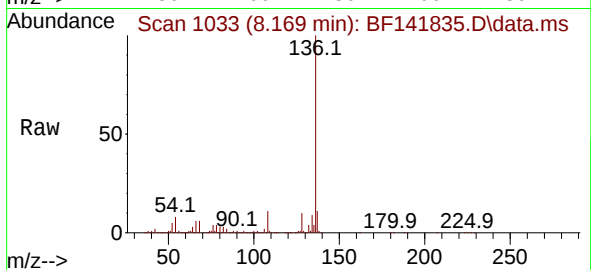
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.4 6.9 10.3

68 6.1 5.1 7.7



#22

Acetophenone

Concen: 39.406 ng

RT: 7.292 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Tgt Ion:105 Resp: 907232

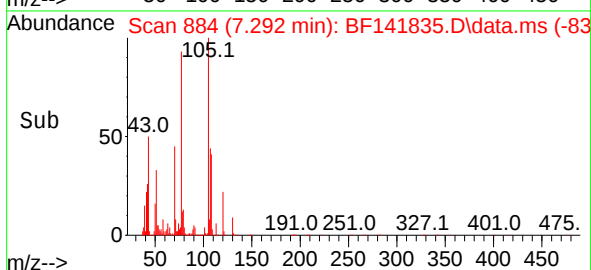
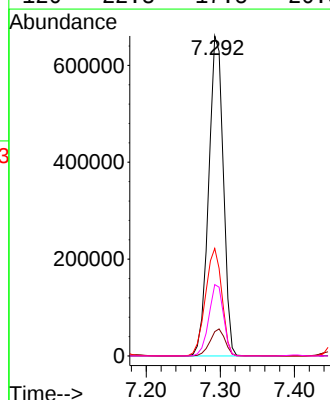
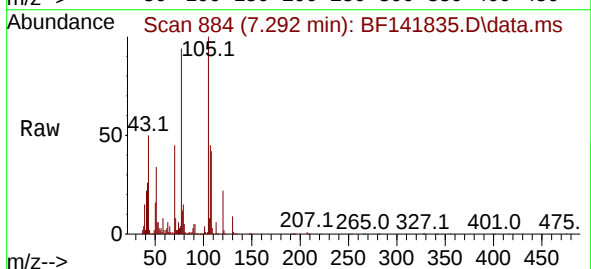
Ion Ratio Lower Upper

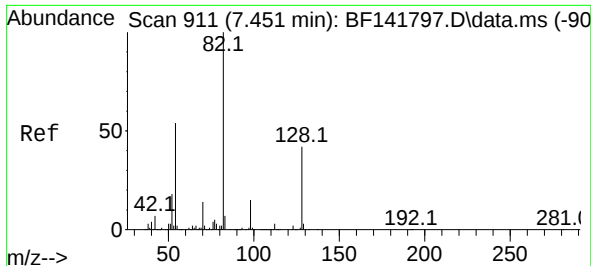
105 100

71 7.6 5.4 8.0

51 33.6 26.1 39.1

120 22.3 17.5 26.3





#23

Nitrobenzene-d5

Concen: 94.823 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

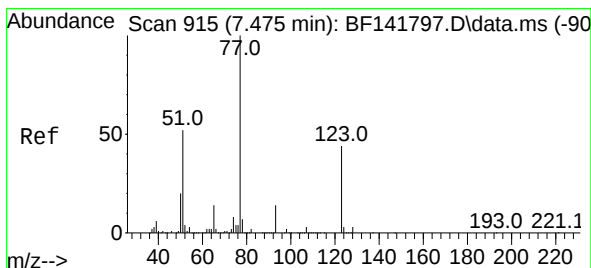
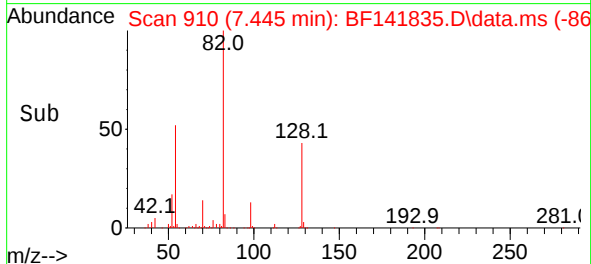
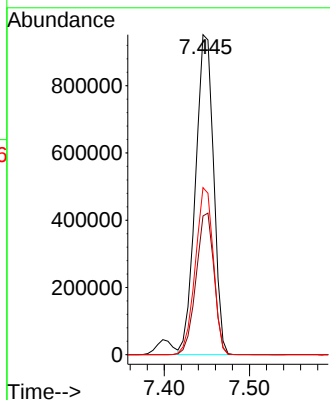
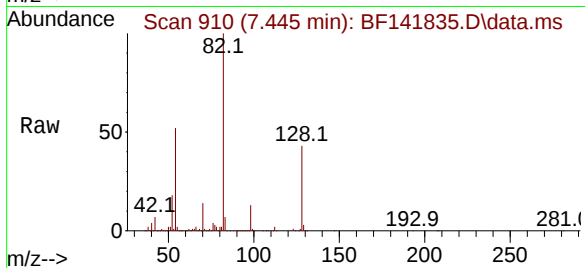
Tgt Ion: 82 Resp: 1402310

Ion Ratio Lower Upper

82 100

128 43.4 33.5 50.3

54 52.2 42.7 64.1



#24

Nitrobenzene

Concen: 44.751 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

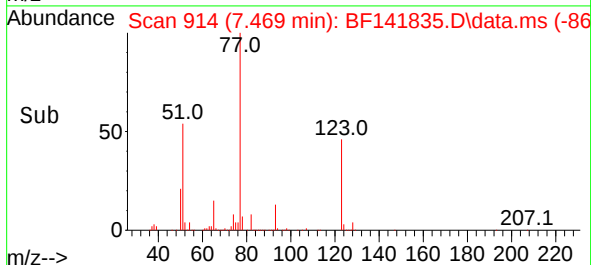
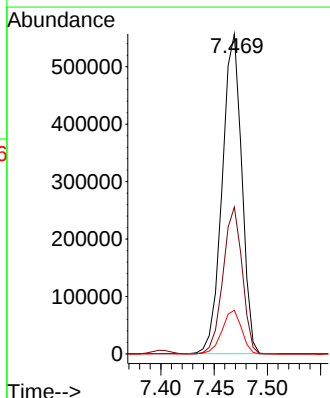
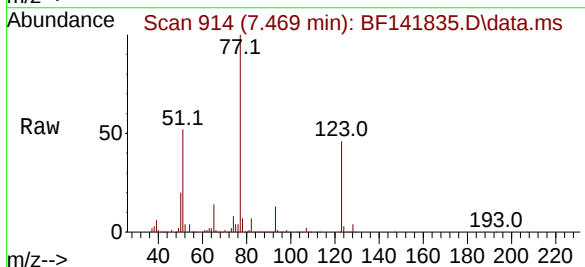
Tgt Ion: 77 Resp: 708702

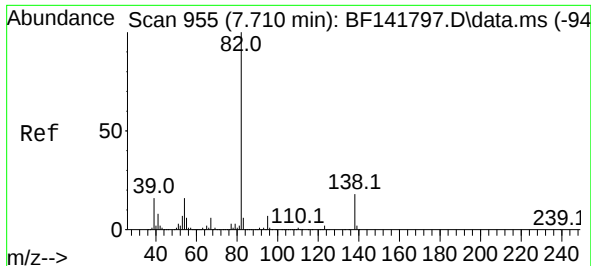
Ion Ratio Lower Upper

77 100

123 45.9 35.8 53.8

65 13.7 11.2 16.8

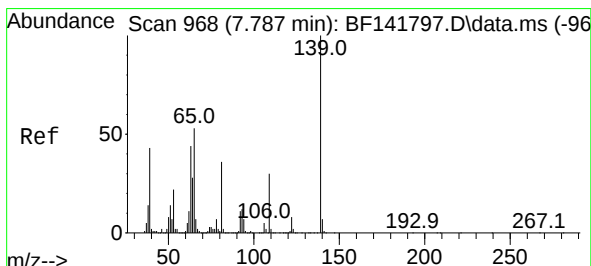
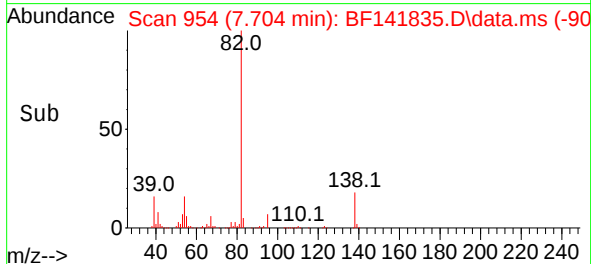
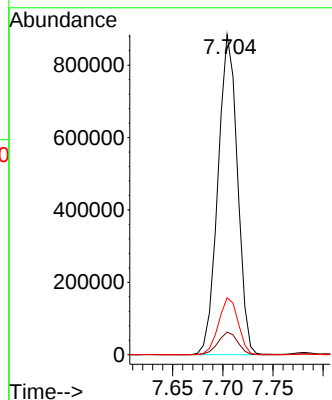
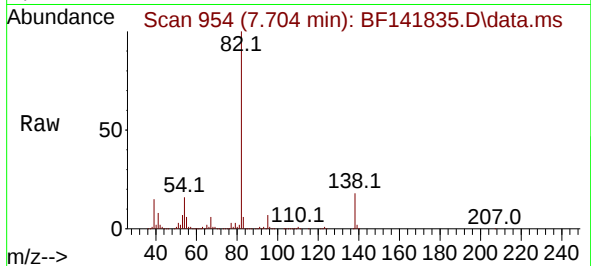




#25
Isophorone
Concen: 37.638 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

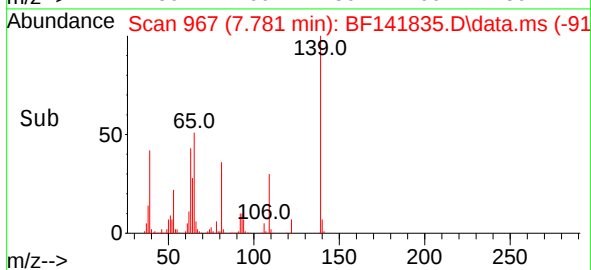
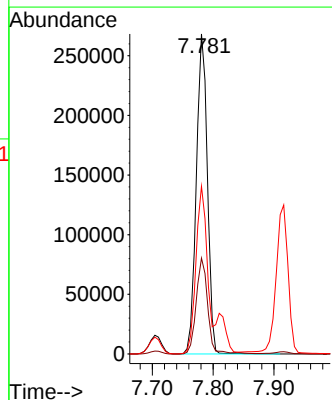
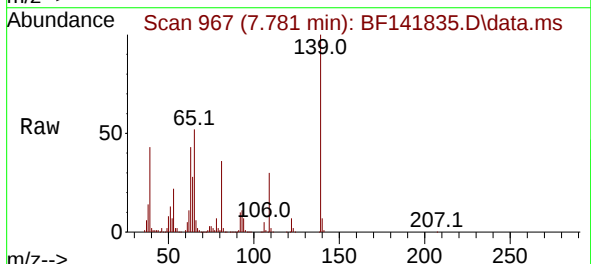
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

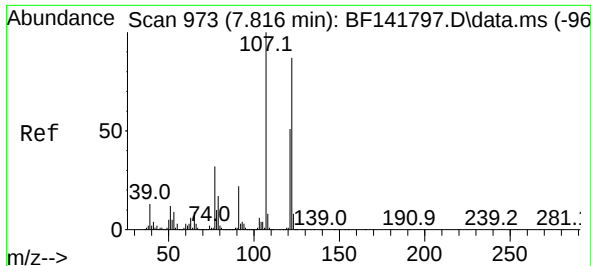
Tgt Ion: 82 Resp: 1195819
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 17.8 14.0 21.0



#26
2-Nitrophenol
Concen: 47.760 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

Tgt Ion:139 Resp: 337701
Ion Ratio Lower Upper
139 100
109 29.9 24.1 36.1
65 52.4 42.3 63.5

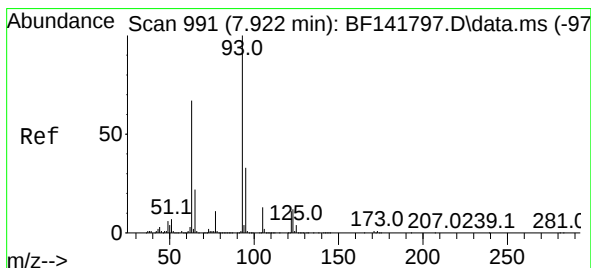
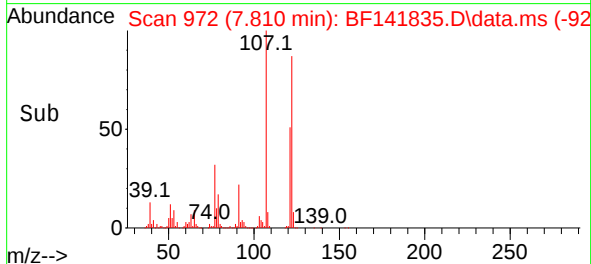
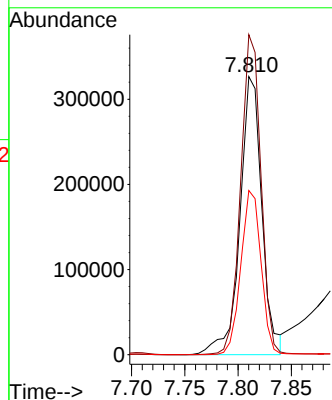
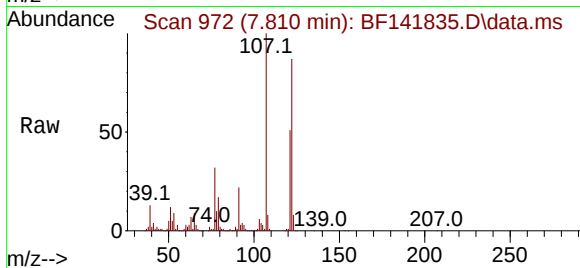




#27
2,4-Dimethylphenol
Concen: 40.220 ng
RT: 7.810 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

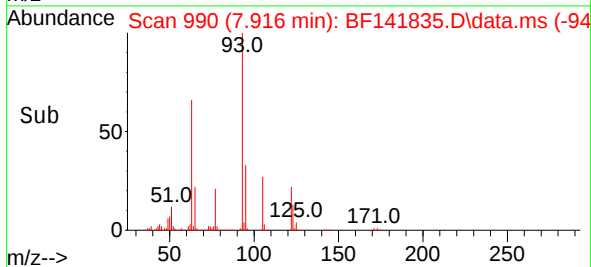
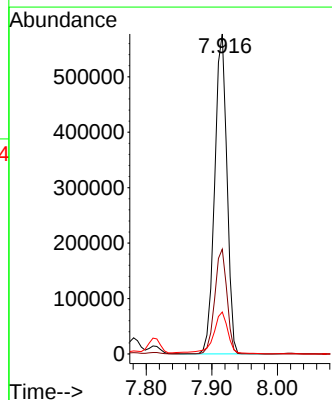
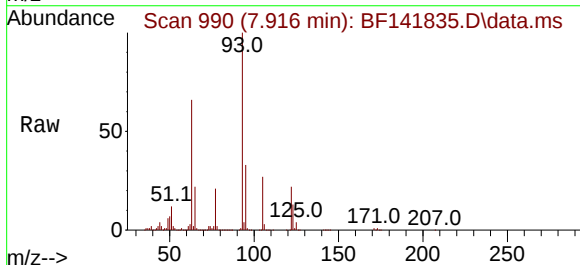
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

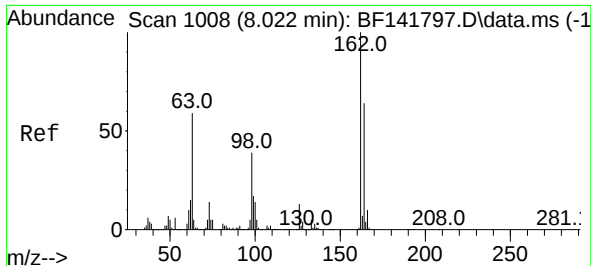
Tgt Ion:122 Resp: 469729
Ion Ratio Lower Upper
122 100
107 115.1 92.5 138.7
121 59.0 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 36.892 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

Tgt Ion: 93 Resp: 747705
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 13.1 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 40.846 ng

RT: 8.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

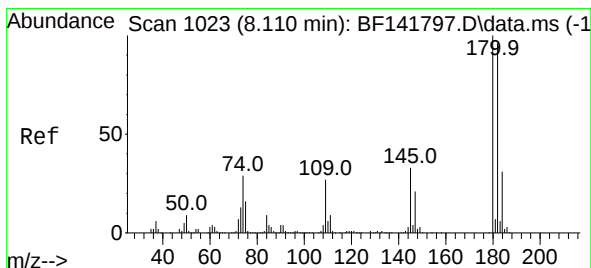
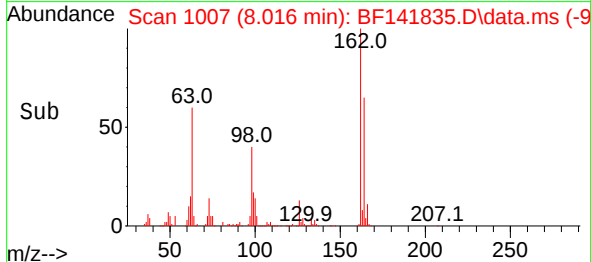
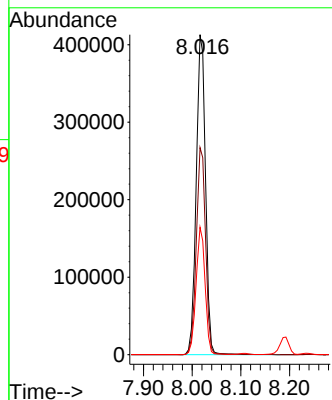
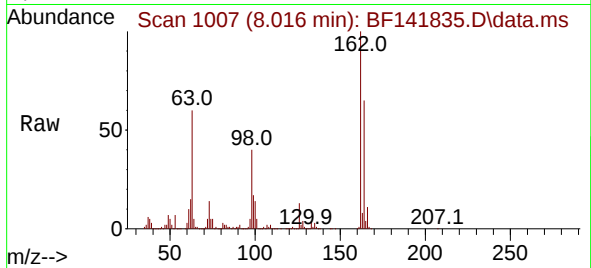
Tgt Ion:162 Resp: 550338

Ion Ratio Lower Upper

162 100

164 64.7 44.3 84.3

98 39.8 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 39.998 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

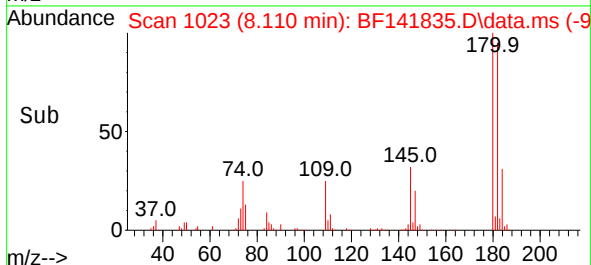
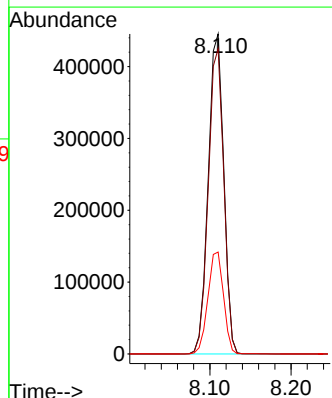
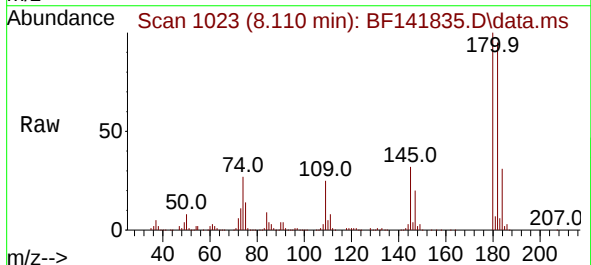
Tgt Ion:180 Resp: 590525

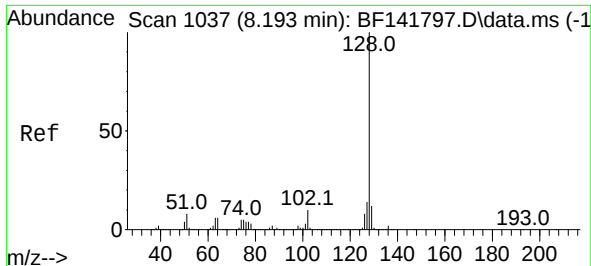
Ion Ratio Lower Upper

180 100

182 95.4 76.8 115.2

145 31.9 26.4 39.6





#31

Naphthalene

Concen: 39.574 ng

RT: 8.192 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

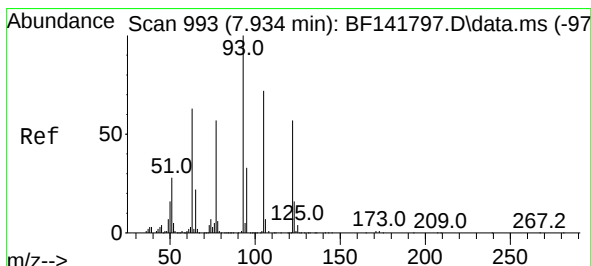
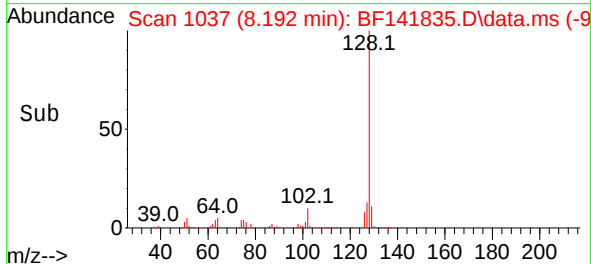
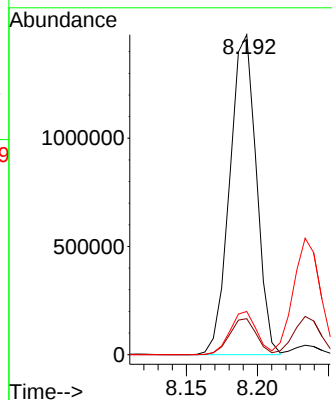
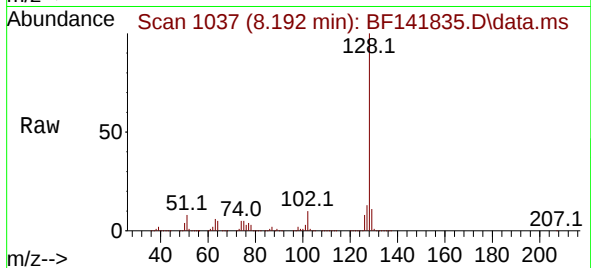
Tgt Ion:128 Resp: 1922662

Ion Ratio Lower Upper

128 100

129 11.3 9.2 13.8

127 13.5 11.0 16.4



#32

Benzoic acid

Concen: 48.051 ng

RT: 7.922 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

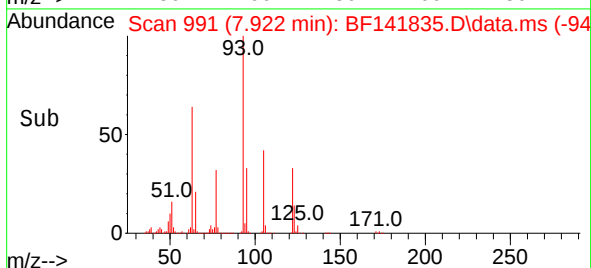
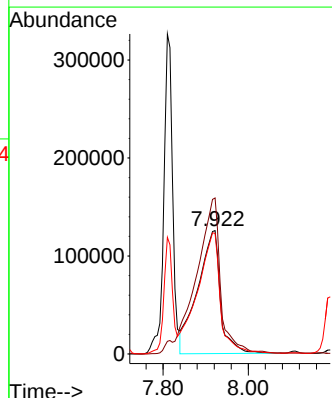
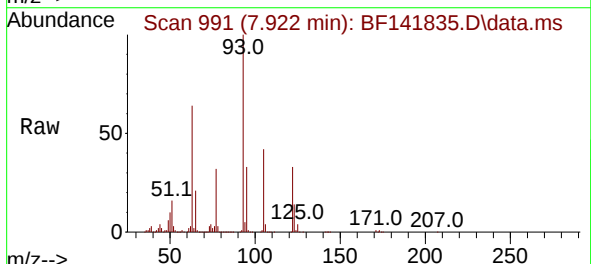
Tgt Ion:122 Resp: 468479

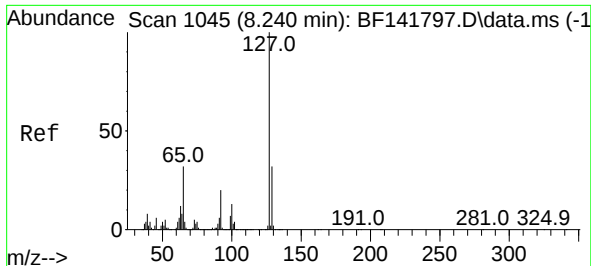
Ion Ratio Lower Upper

122 100

105 126.5 105.8 145.8

77 97.8 79.9 119.9





#33

4-Chloroaniline

Concen: 40.091 ng

RT: 8.234 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 714189

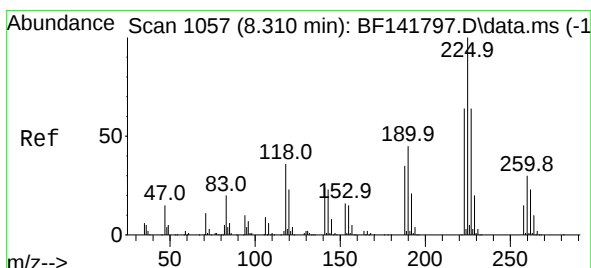
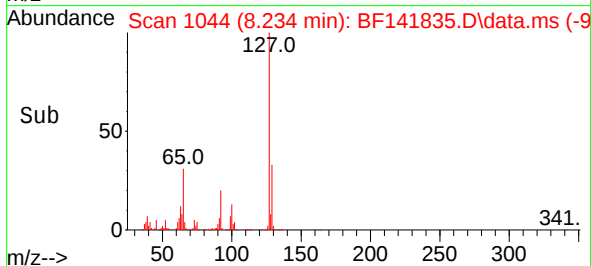
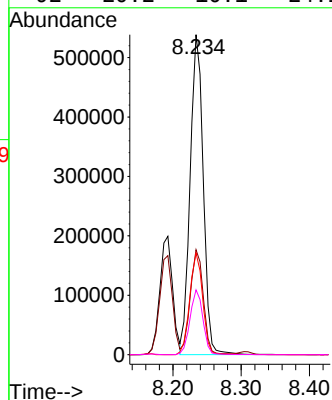
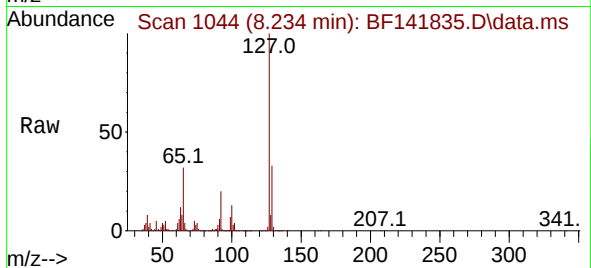
Ion Ratio Lower Upper

127 100

129 32.8 26.1 39.1

65 31.7 25.7 38.5

92 20.2 16.1 24.1



#34

Hexachlorobutadiene

Concen: 38.603 ng

RT: 8.304 min Scan# 1056

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

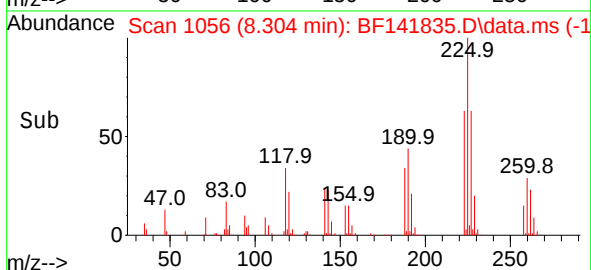
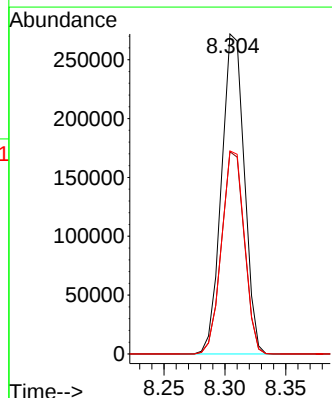
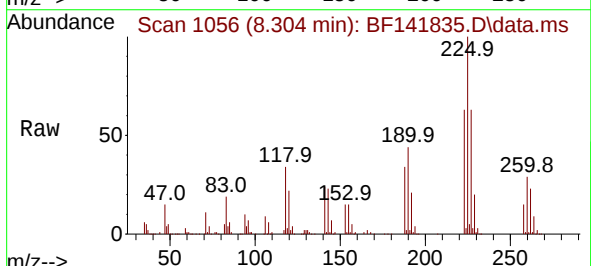
Tgt Ion:225 Resp: 354160

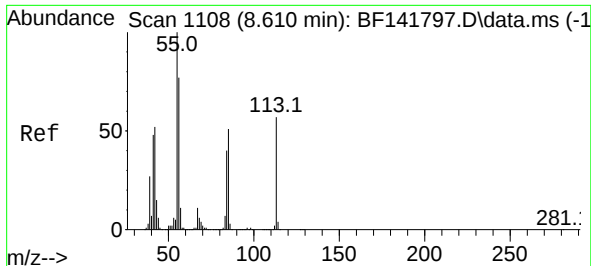
Ion Ratio Lower Upper

225 100

223 63.2 51.4 77.2

227 63.5 51.6 77.4





#35

Caprolactam

Concen: 44.676 ng

RT: 8.604 min Scan# 1108

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

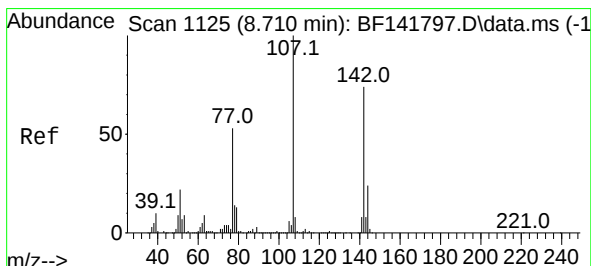
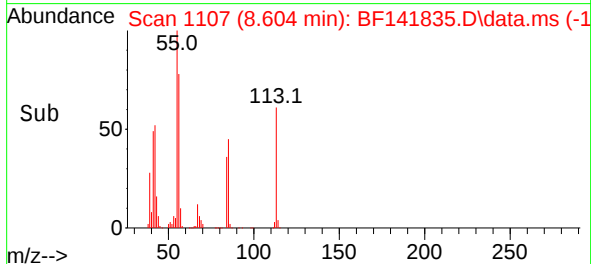
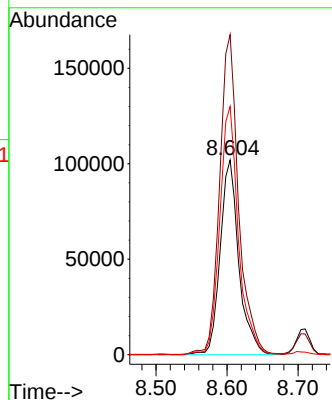
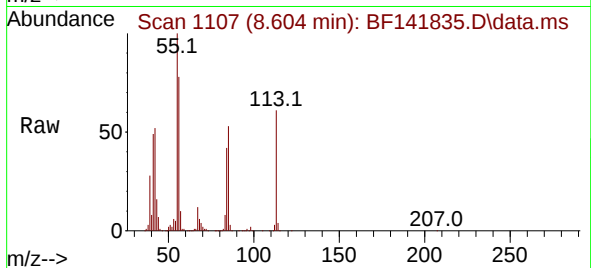
Tgt Ion:113 Resp: 185176

Ion Ratio Lower Upper

113 100

55 164.3 155.6 195.6

56 127.4 114.6 154.6



#36

4-Chloro-3-methylphenol

Concen: 40.944 ng

RT: 8.710 min Scan# 1125

Delta R.T. -0.000 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

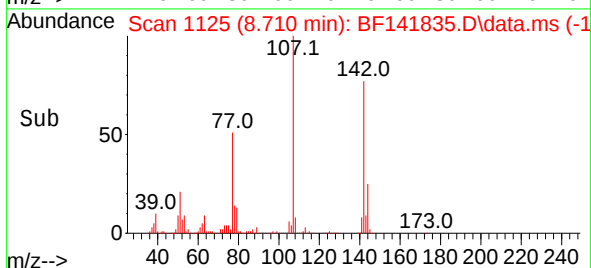
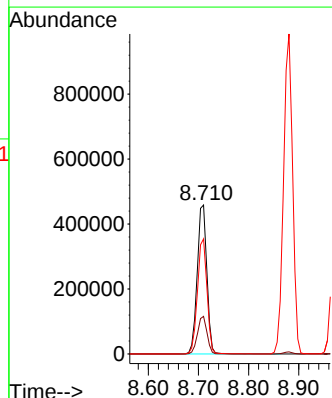
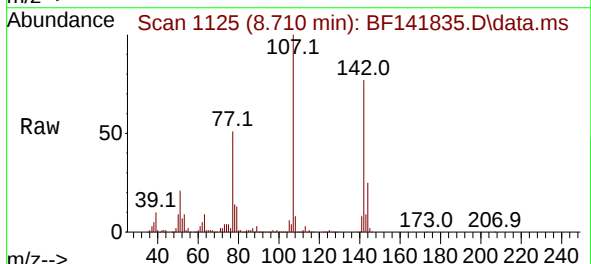
Tgt Ion:107 Resp: 612816

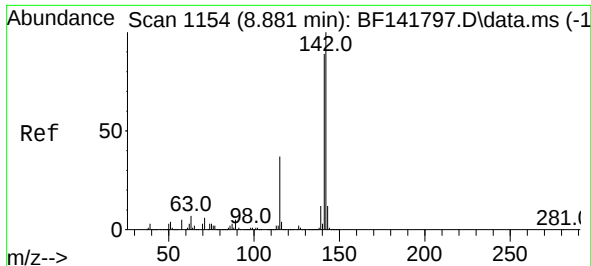
Ion Ratio Lower Upper

107 100

144 25.2 19.4 29.0

142 77.2 59.4 89.0

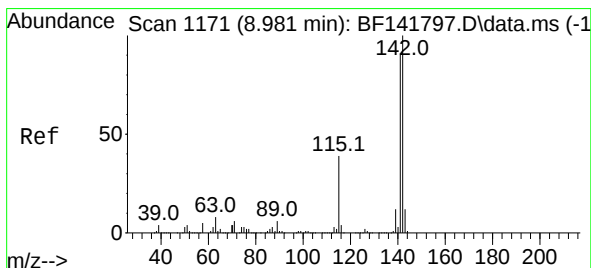
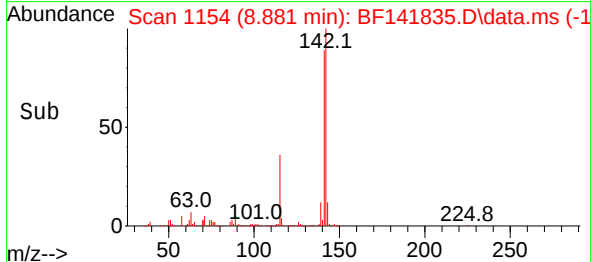
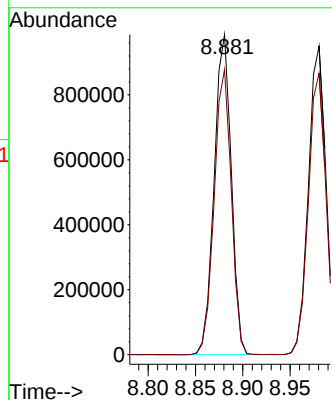
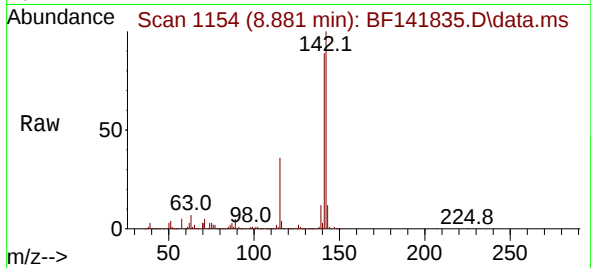




#37
2-Methylnaphthalene
Concen: 38.964 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

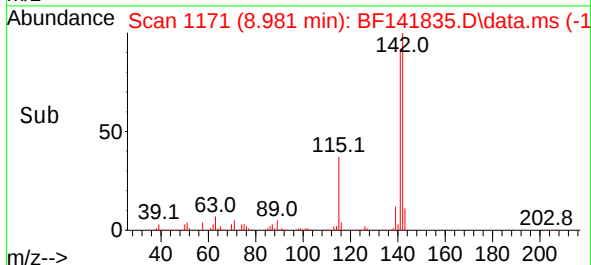
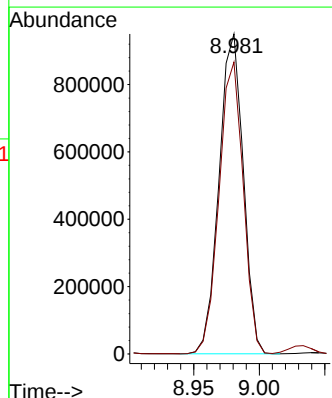
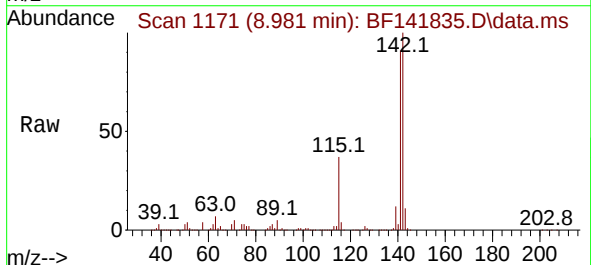
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

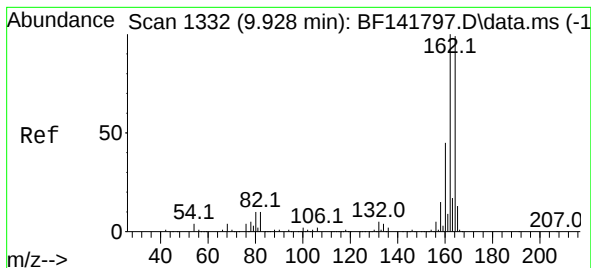
Tgt Ion:142 Resp: 1241689
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7



#38
1-Methylnaphthalene
Concen: 39.860 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

Tgt Ion:142 Resp: 1218817
Ion Ratio Lower Upper
142 100
141 91.2 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

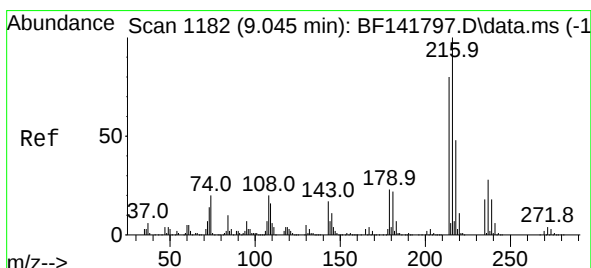
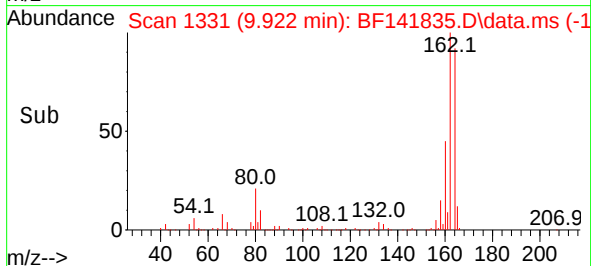
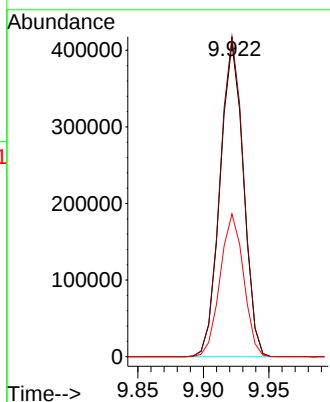
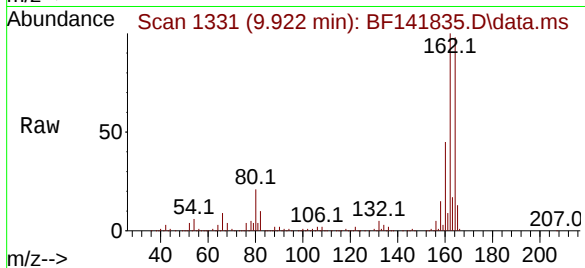
Tgt Ion:164 Resp: 507589

Ion Ratio Lower Upper

164 100

162 102.1 80.6 120.8

160 45.5 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.950 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Tgt Ion:216 Resp: 585654

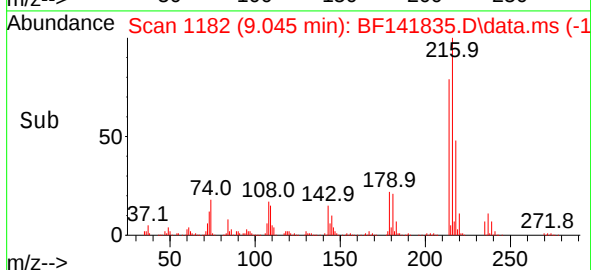
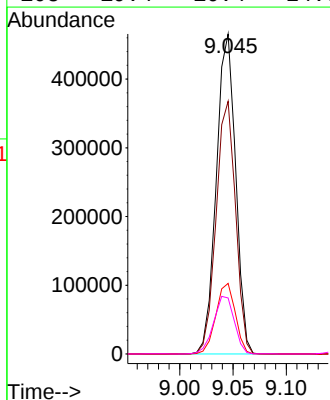
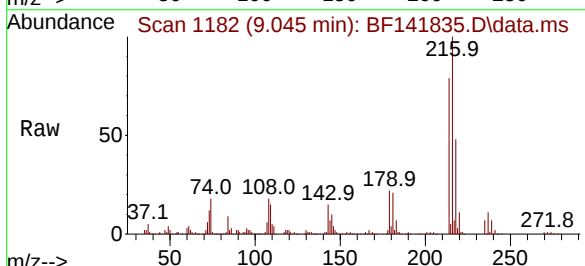
Ion Ratio Lower Upper

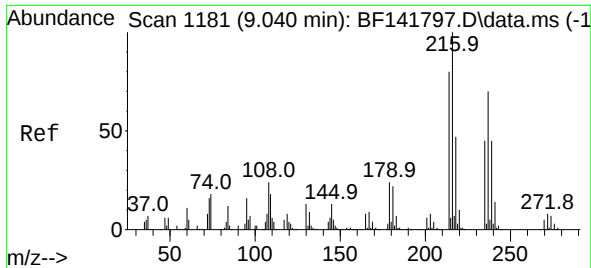
216 100

214 79.3 63.5 95.3

179 22.2 18.1 27.1

108 19.4 16.4 24.6

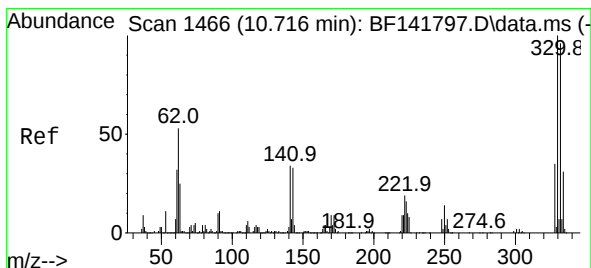
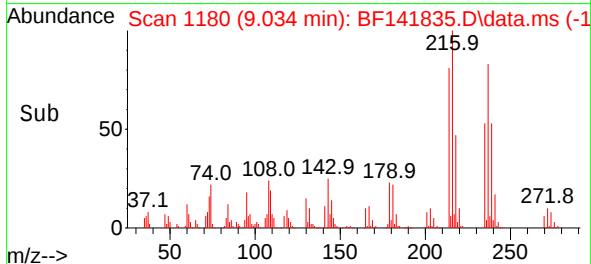
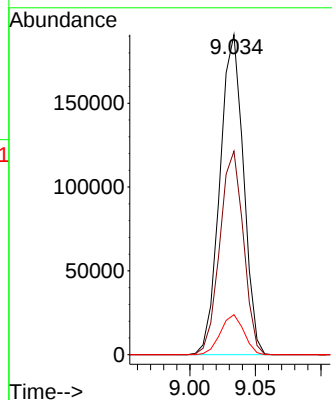
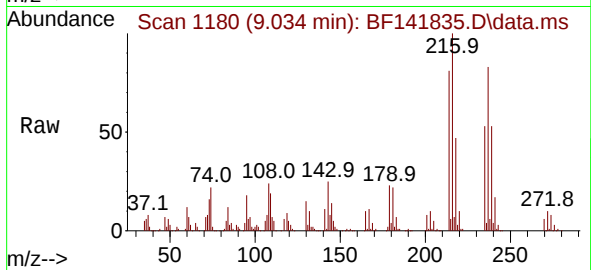




#41
Hexachlorocyclopentadiene
Concen: 38.977 ng
RT: 9.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

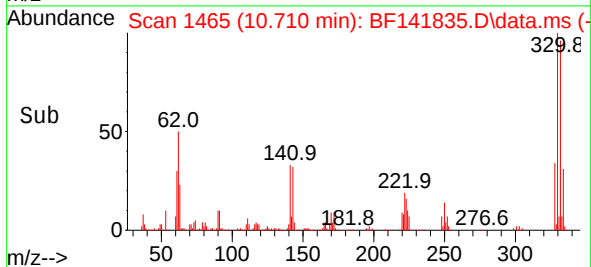
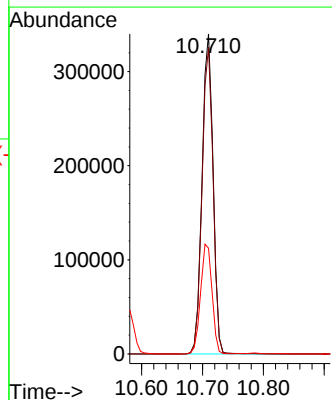
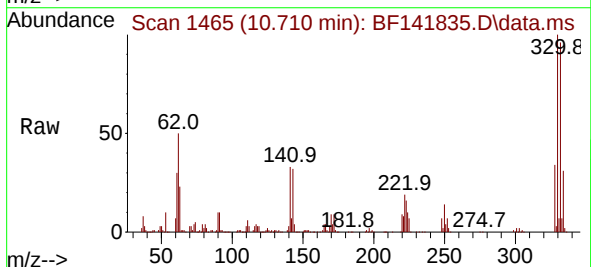
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

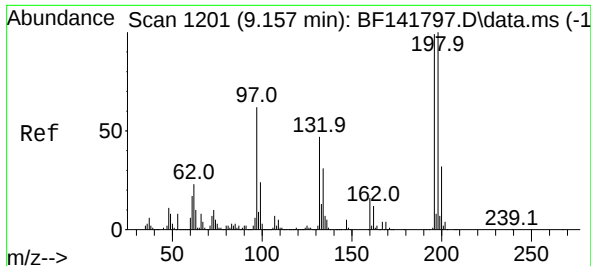
Tgt Ion:237 Resp: 238457
Ion Ratio Lower Upper
237 100
235 63.6 43.3 83.3
272 12.5 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 89.332 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

Tgt Ion:330 Resp: 425699
Ion Ratio Lower Upper
330 100
332 95.9 76.6 115.0
141 35.7 29.0 43.4





#43

2,4,6-Trichlorophenol

Concen: 42.317 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

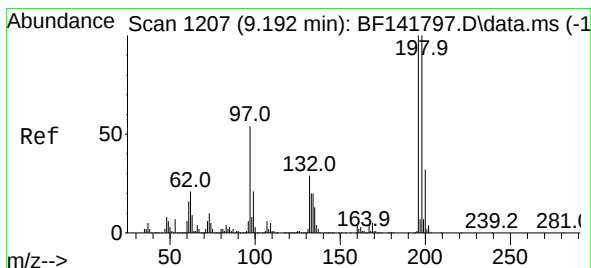
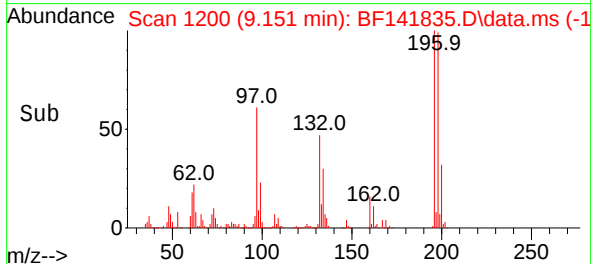
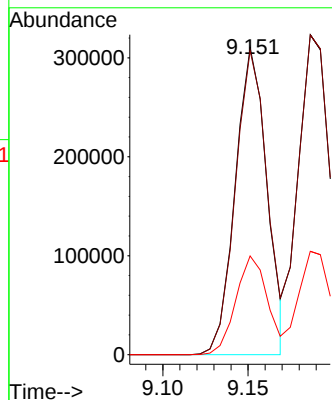
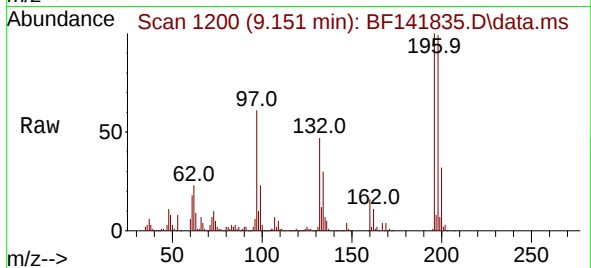
Tgt Ion:196 Resp: 400730

Ion Ratio Lower Upper

196 100

198 98.9 80.4 120.6

200 32.1 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 44.643 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Tgt Ion:196 Resp: 418618

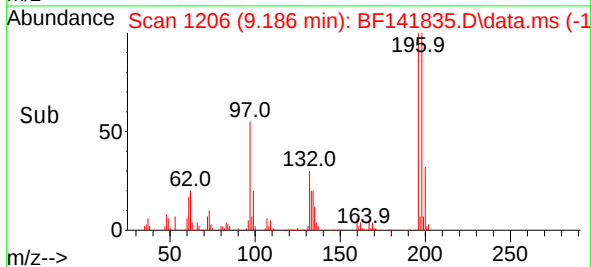
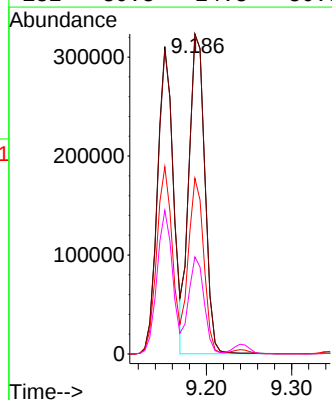
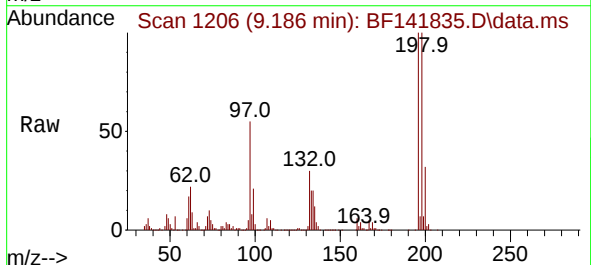
Ion Ratio Lower Upper

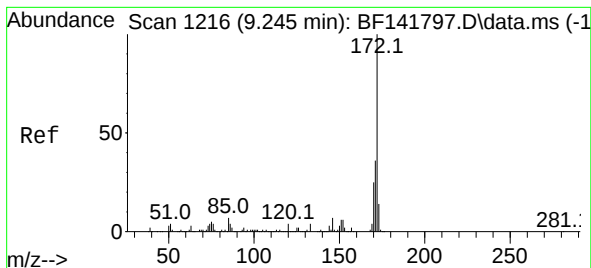
196 100

198 99.9 79.7 119.5

97 54.9 44.2 66.2

132 30.3 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 78.861 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

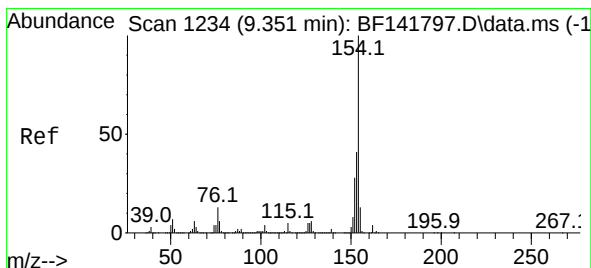
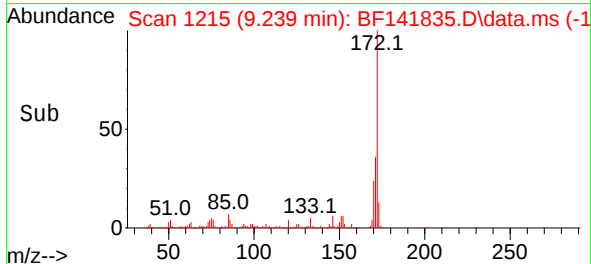
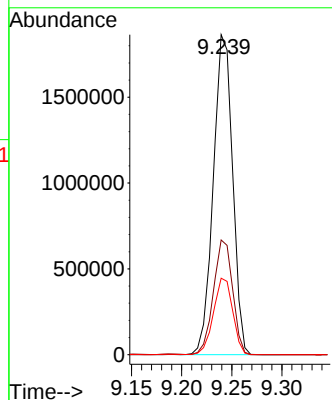
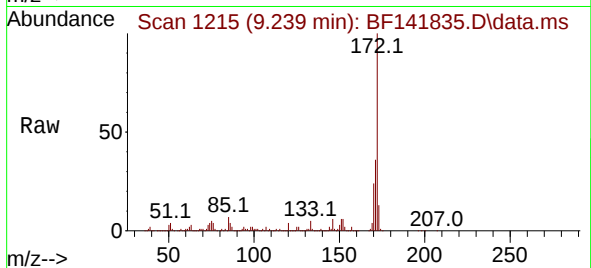
Tgt Ion:172 Resp: 2496418

Ion Ratio Lower Upper

172 100

171 35.9 29.2 43.8

170 23.9 19.7 29.5



#46

1,1'-Biphenyl

Concen: 39.541 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

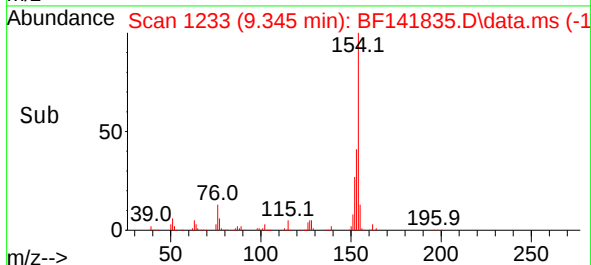
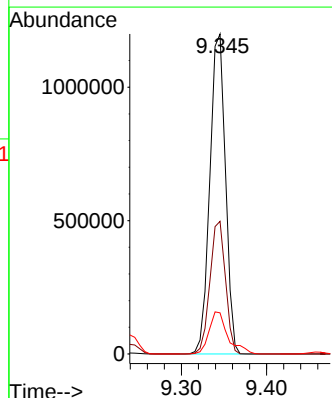
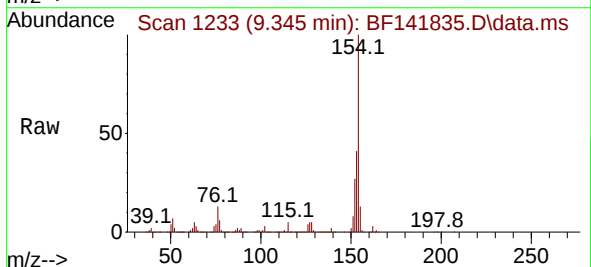
Tgt Ion:154 Resp: 1527684

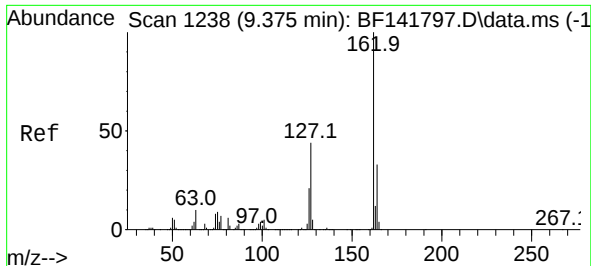
Ion Ratio Lower Upper

154 100

153 41.4 21.4 61.4

76 12.9 0.0 33.4





#47

2-Chloronaphthalene

Concen: 40.733 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

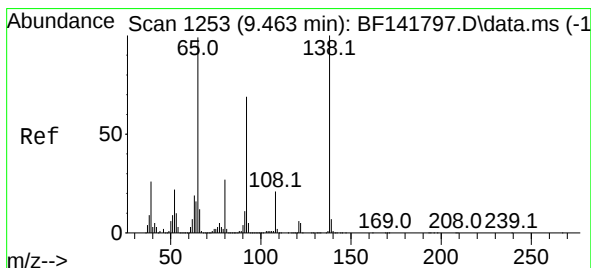
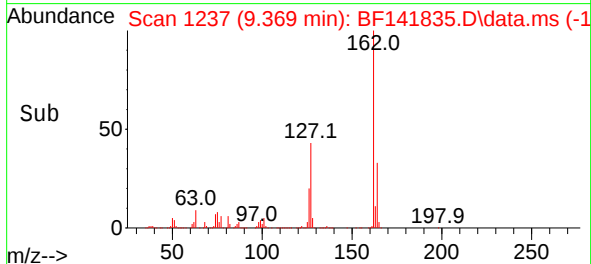
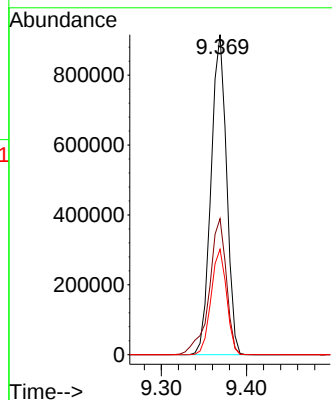
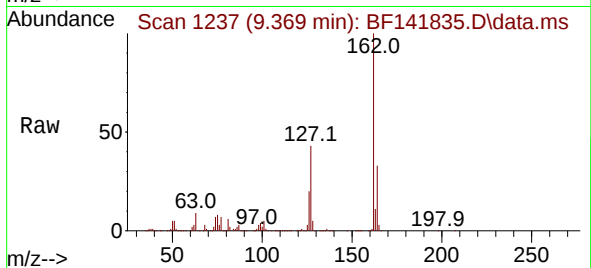
Tgt Ion:162 Resp: 1161554

Ion Ratio Lower Upper

162 100

127 42.5 35.0 52.6

164 32.9 26.6 40.0



#48

2-Nitroaniline

Concen: 48.579 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

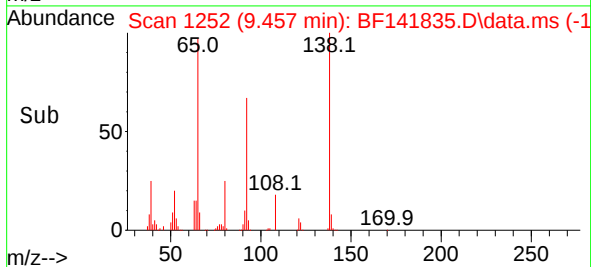
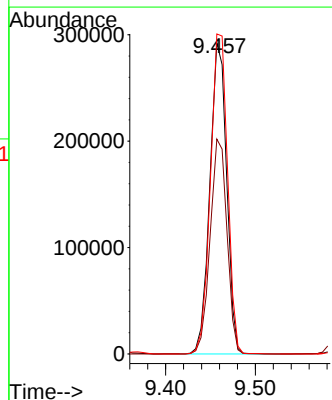
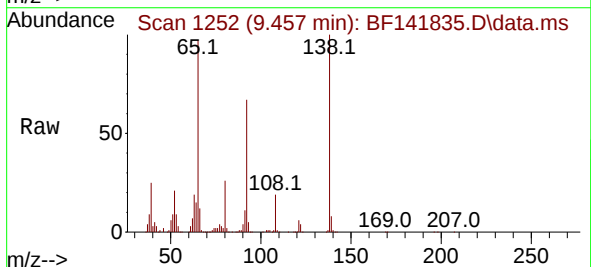
Tgt Ion: 65 Resp: 379633

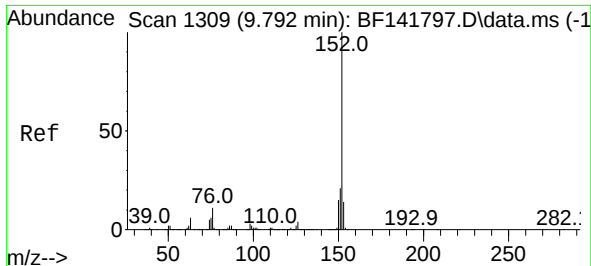
Ion Ratio Lower Upper

65 100

92 69.0 55.7 83.5

138 102.8 80.6 121.0





#49

Acenaphthylene

Concen: 40.985 ng

RT: 9.786 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

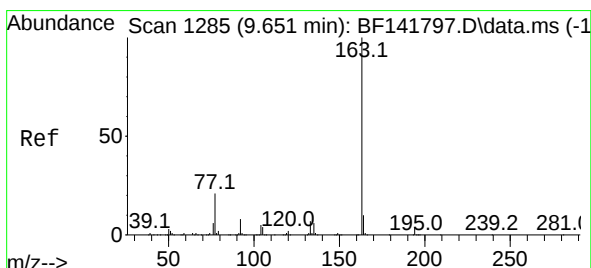
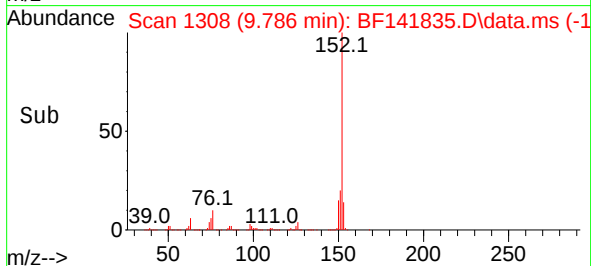
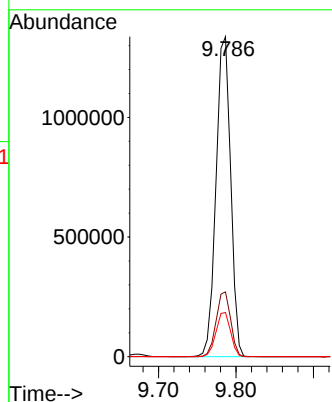
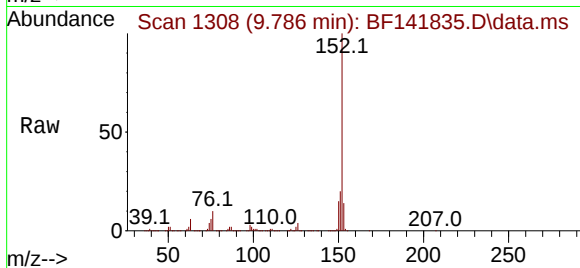
Tgt Ion:152 Resp: 1752309

Ion Ratio Lower Upper

152 100

151 20.3 16.6 24.8

153 13.8 11.2 16.8



#50

Dimethylphthalate

Concen: 39.595 ng

RT: 9.639 min Scan# 1283

Delta R.T. -0.012 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

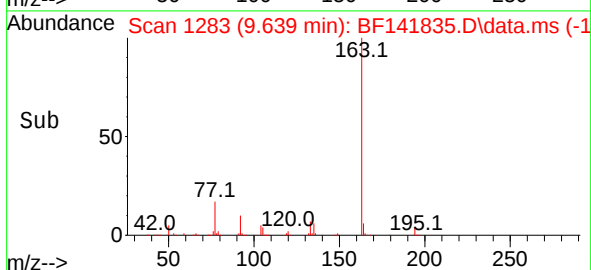
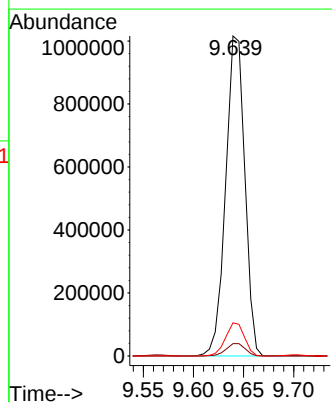
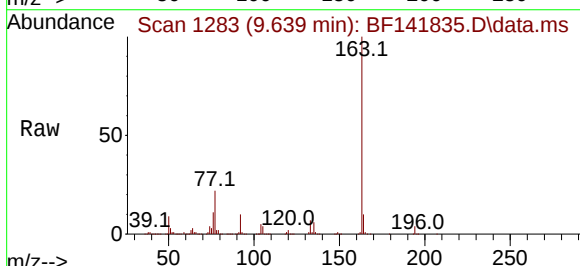
Tgt Ion:163 Resp: 1345931

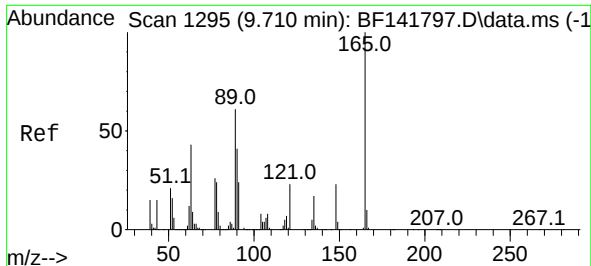
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.4 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 46.487 ng

RT: 9.704 min Scan# 1295

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

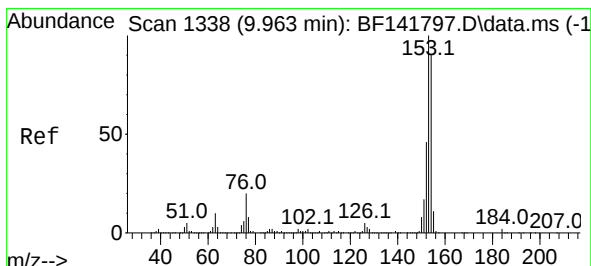
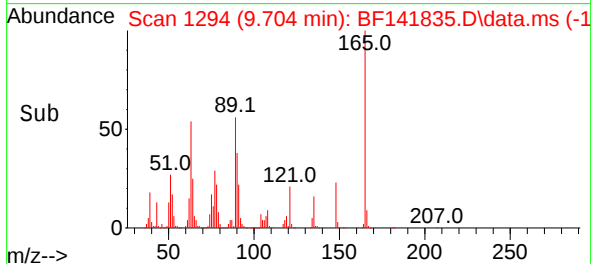
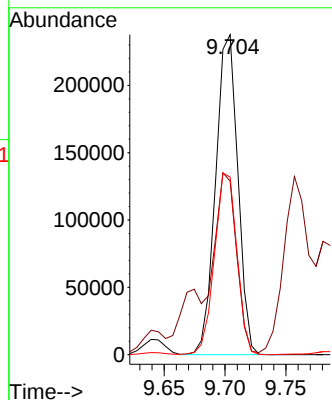
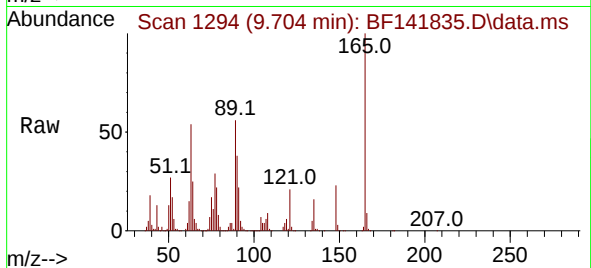
Tgt Ion:165 Resp: 301676

Ion Ratio Lower Upper

165 100

63 54.2 49.5 74.3

89 55.5 49.0 73.4



#52

Acenaphthene

Concen: 41.819 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

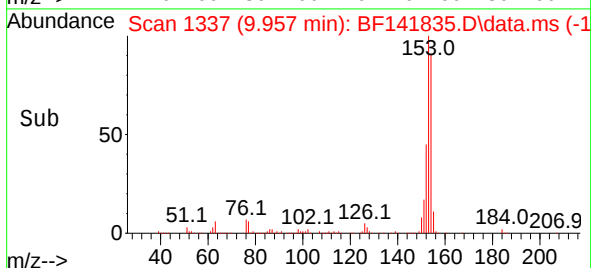
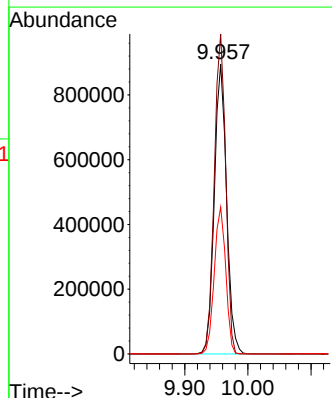
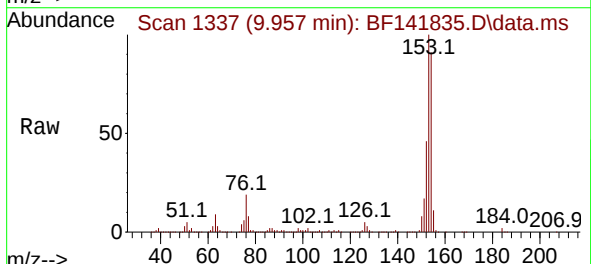
Tgt Ion:154 Resp: 1206437

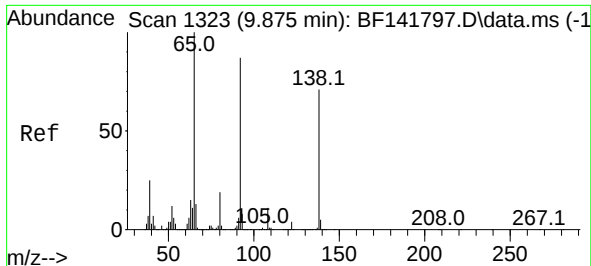
Ion Ratio Lower Upper

154 100

153 110.4 88.7 133.1

152 50.7 40.9 61.3

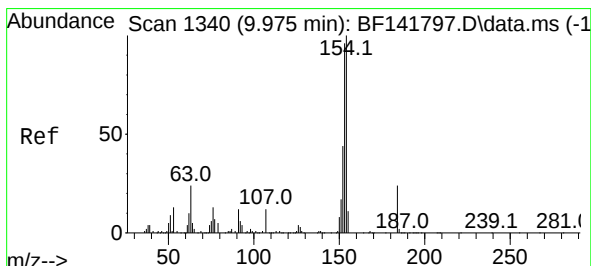
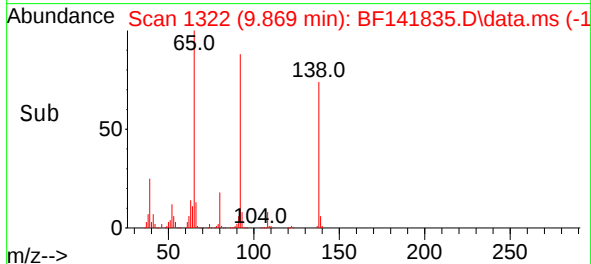
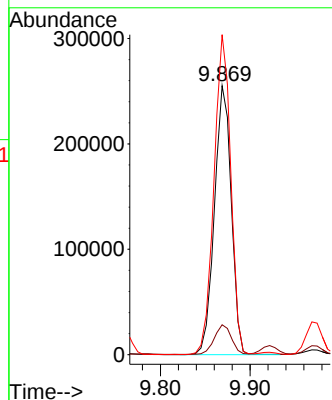
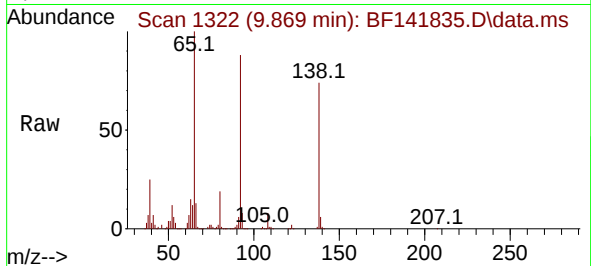




#53
3-Nitroaniline
Concen: 48.006 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

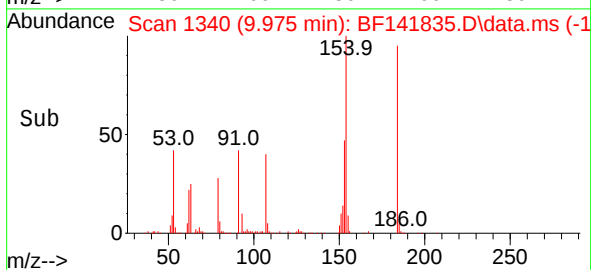
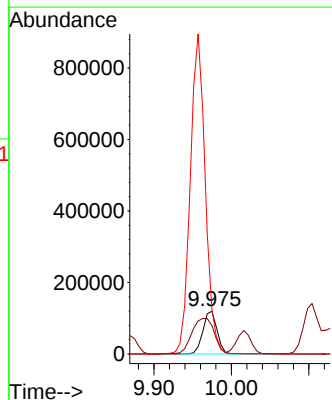
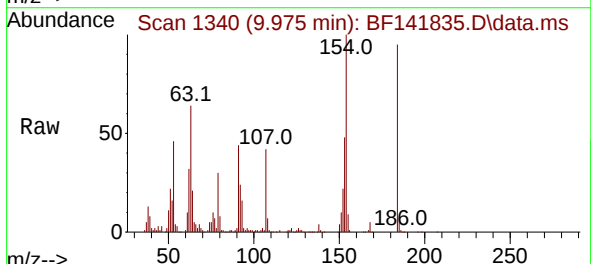
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

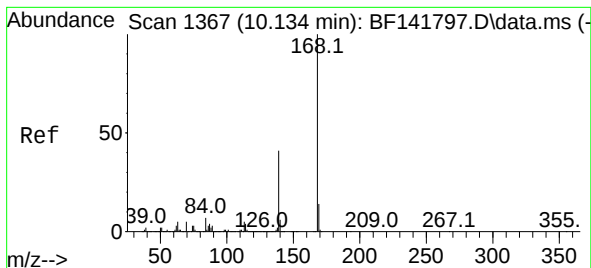
Tgt Ion:138 Resp: 332516
Ion Ratio Lower Upper
138 100
108 11.1 12.7 19.1#
92 119.0 97.9 146.9



#54
2,4-Dinitrophenol
Concen: 57.060 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

Tgt Ion:184 Resp: 151609
Ion Ratio Lower Upper
184 100
63 66.7 79.0 118.6#
154 105.0 335.8 503.8#





#55

Dibenzenofuran

Concen: 40.368 ng

RT: 10.128 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

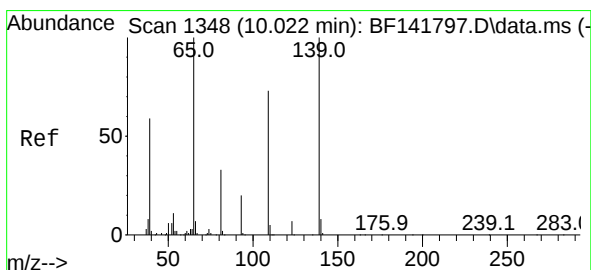
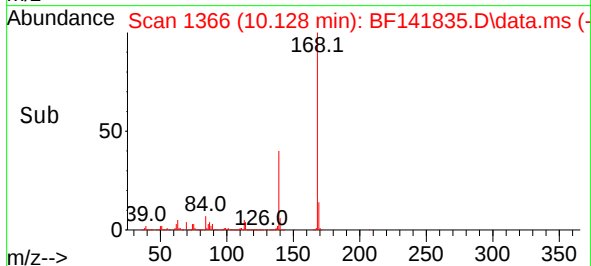
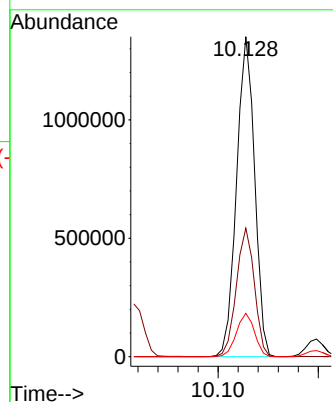
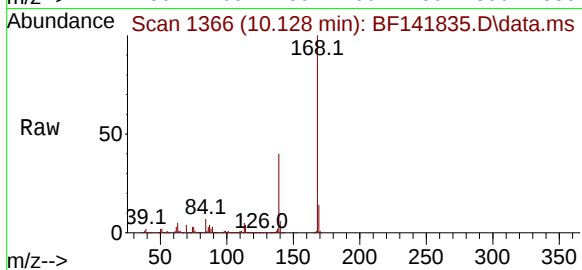
Tgt Ion:168 Resp: 1695006

Ion Ratio Lower Upper

168 100

139 40.2 32.9 49.3

169 13.5 11.1 16.7



#56

4-Nitrophenol

Concen: 57.194 ng

RT: 10.016 min Scan# 1347

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

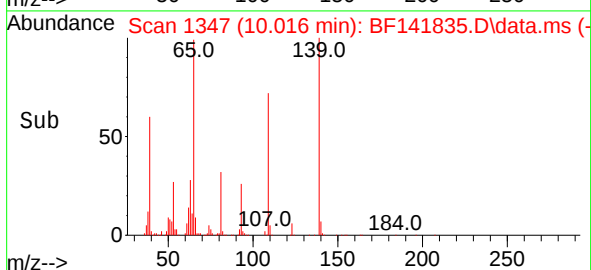
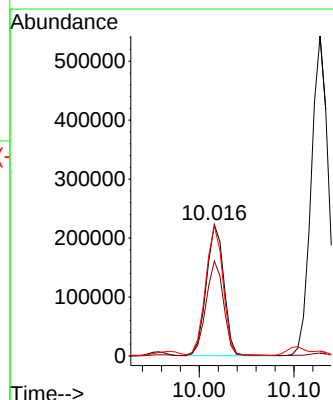
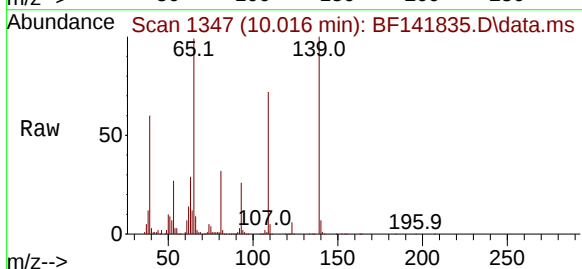
Tgt Ion:139 Resp: 287143

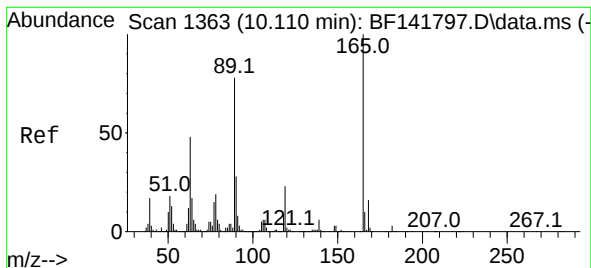
Ion Ratio Lower Upper

139 100

109 72.2 53.4 93.4

65 98.9 82.1 122.1

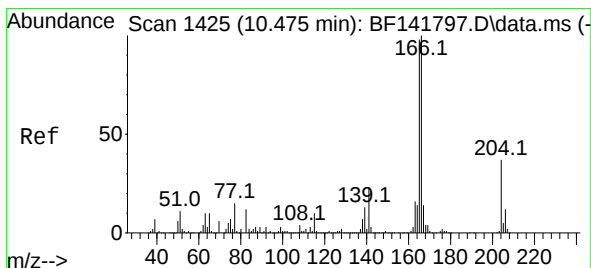
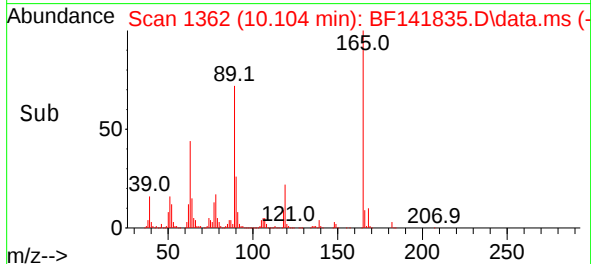
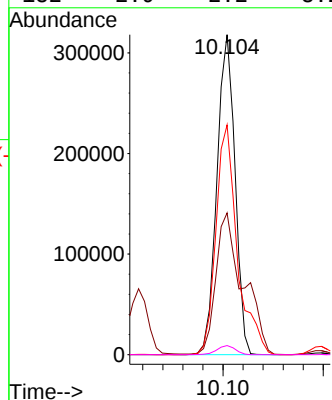
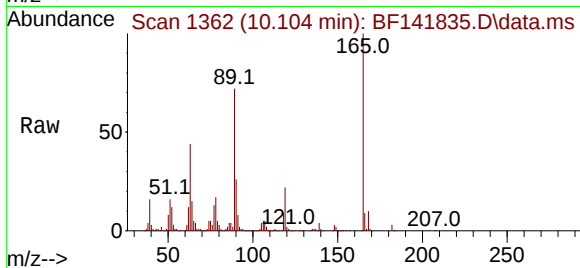




#57
2,4-Dinitrotoluene
Concen: 49.981 ng
RT: 10.104 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

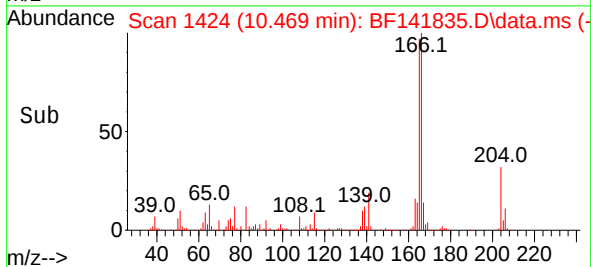
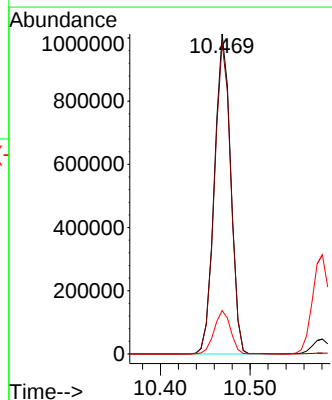
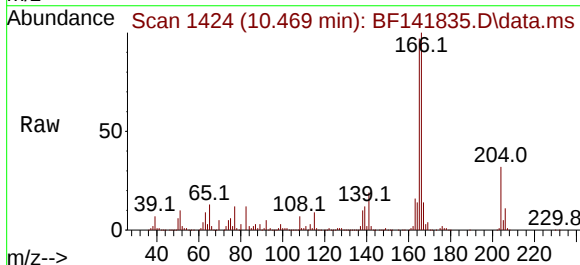
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

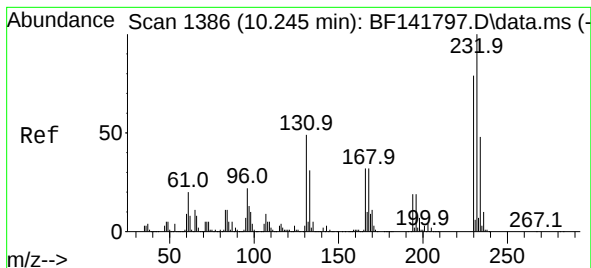
Tgt Ion:165 Resp: 398234
Ion Ratio Lower Upper
165 100
63 44.3 38.8 58.2
89 71.8 62.6 94.0
182 2.9 2.2 3.2



#58
Fluorene
Concen: 40.458 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

Tgt Ion:166 Resp: 1272485
Ion Ratio Lower Upper
166 100
165 97.3 78.6 117.8
167 13.6 11.0 16.4

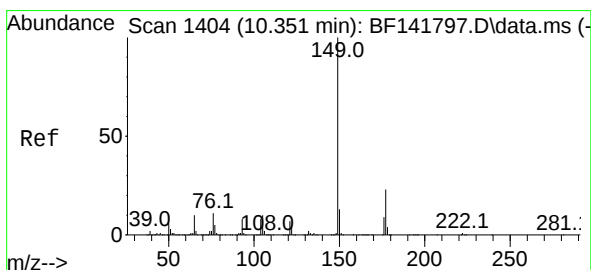
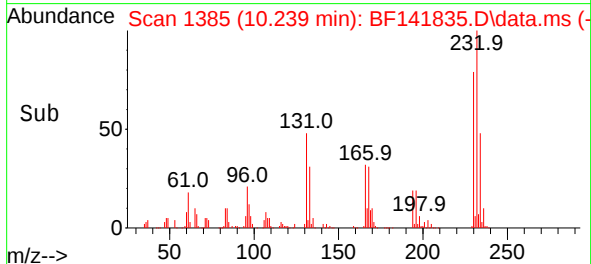
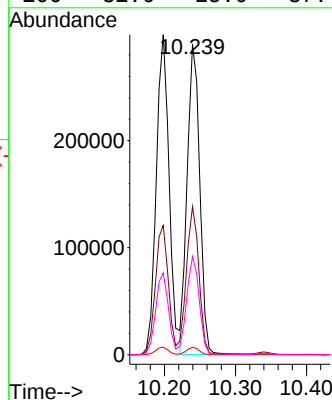
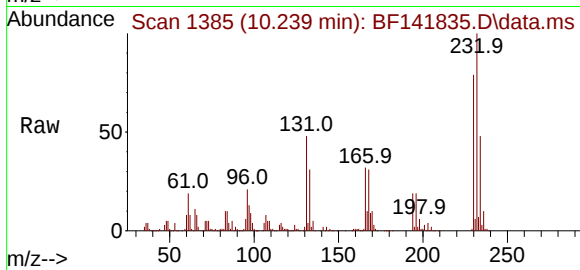




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.711 ng
RT: 10.239 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

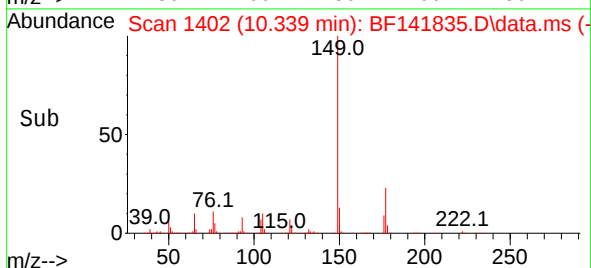
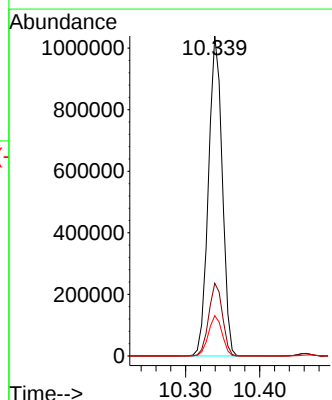
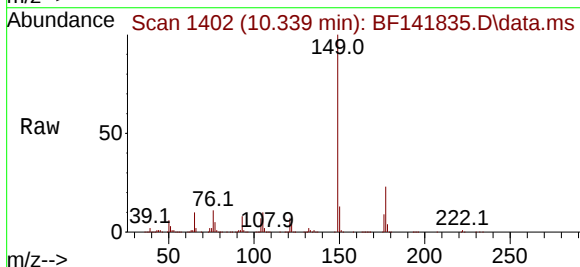
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

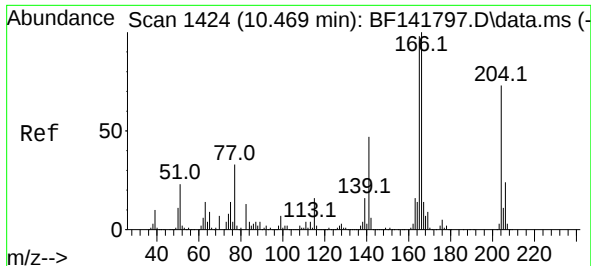
Tgt Ion:232 Resp: 356479
Ion Ratio Lower Upper
232 100
131 47.5 37.8 56.8
130 2.4 2.0 3.0
166 31.6 25.0 37.4



#60
Diethylphthalate
Concen: 39.332 ng
RT: 10.339 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

Tgt Ion:149 Resp: 1340314
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 12.6 10.3 15.5

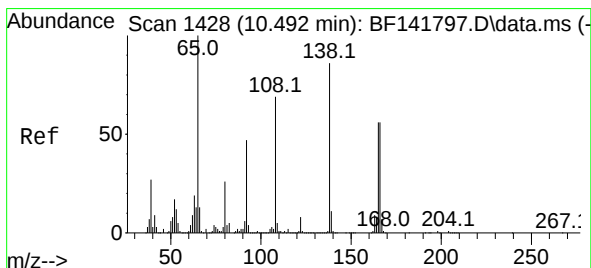
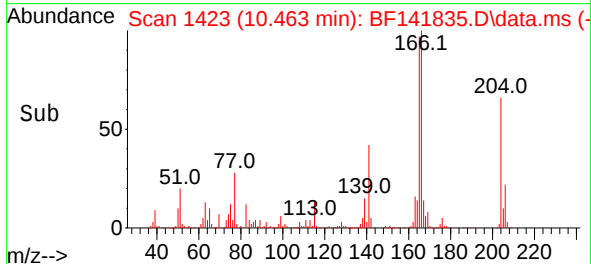
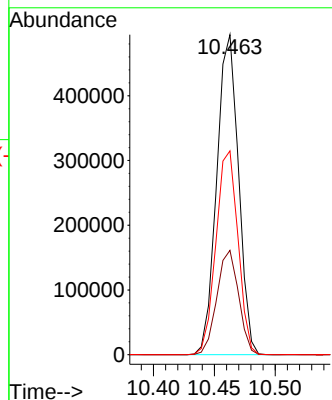
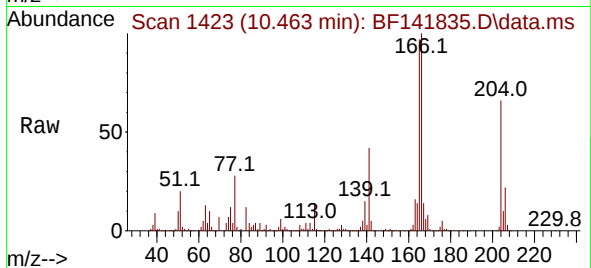




#61
4-Chlorophenyl-phenylether
Concen: 39.043 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

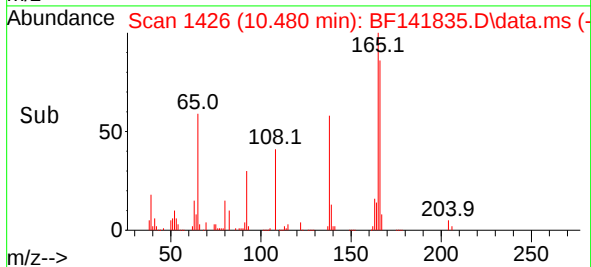
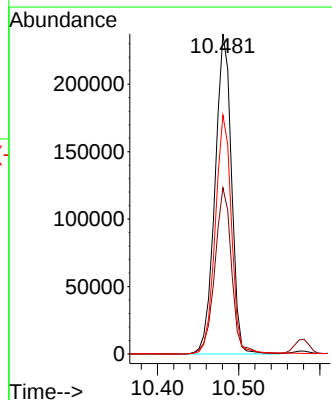
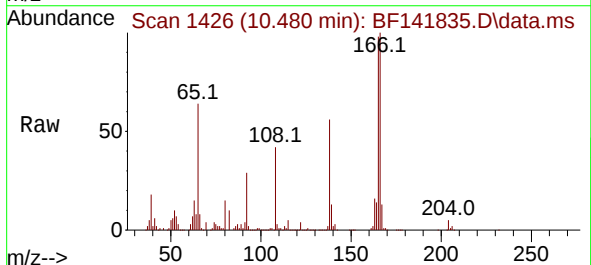
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

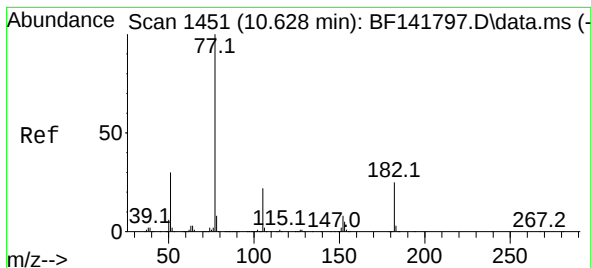
Tgt Ion:204 Resp: 615259
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.4
141 63.7 51.7 77.5



#62
4-Nitroaniline
Concen: 57.675 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

Tgt Ion:138 Resp: 334806
Ion Ratio Lower Upper
138 100
92 52.0 34.9 74.9
108 74.6 59.6 99.6





#63

Azobenzene

Concen: 38.283 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1373599

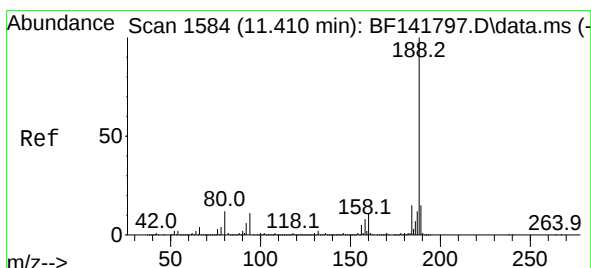
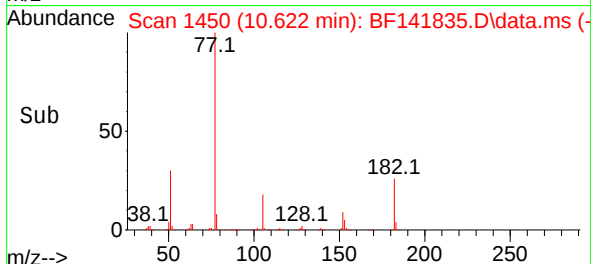
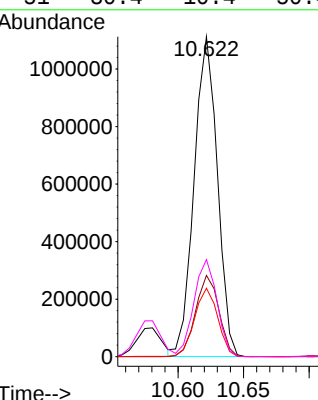
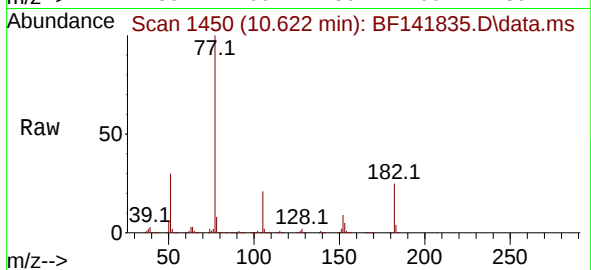
Ion Ratio Lower Upper

77 100

182 25.4 4.2 44.2

105 21.4 1.5 41.5

51 30.4 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

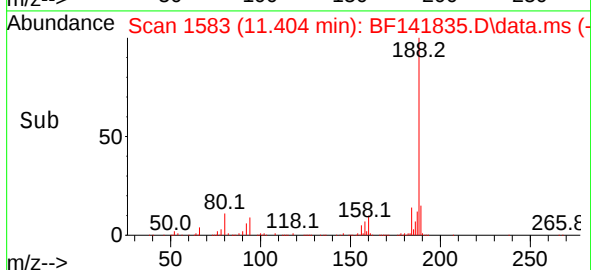
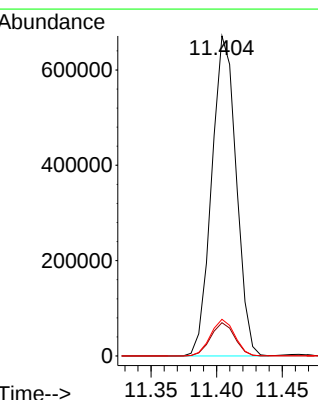
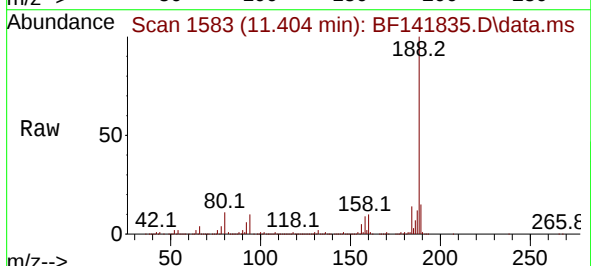
Tgt Ion: 188 Resp: 873644

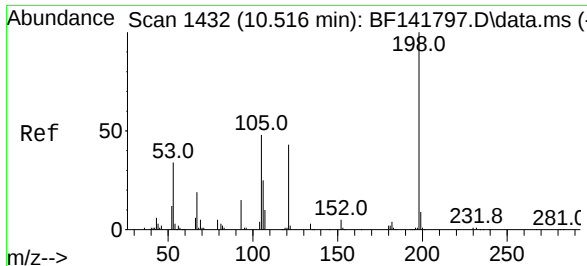
Ion Ratio Lower Upper

188 100

94 10.4 8.9 13.3

80 11.4 9.7 14.5

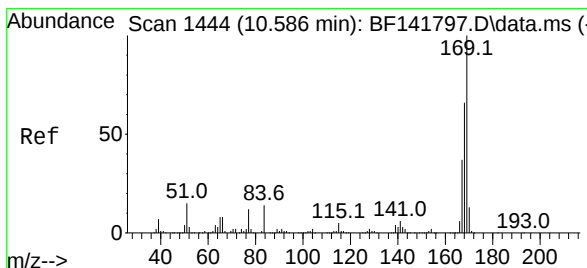
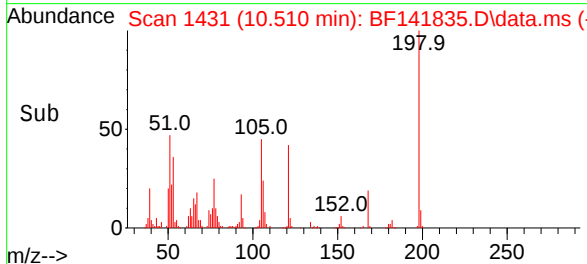
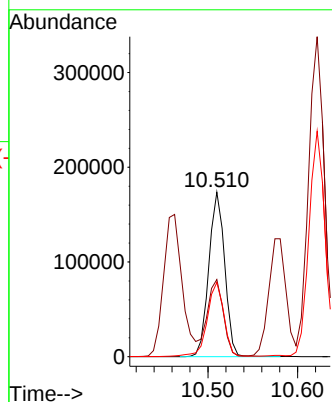
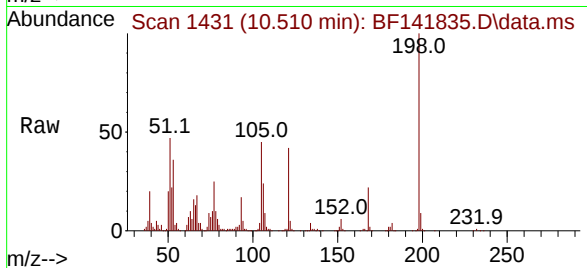




#65
4,6-Dinitro-2-methylphenol
Concen: 51.268 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

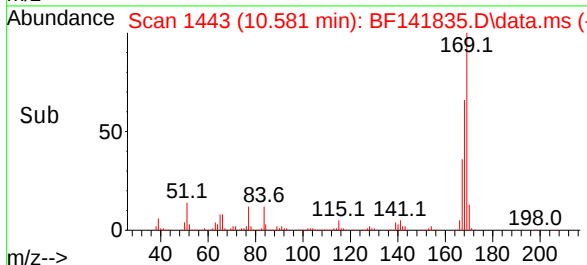
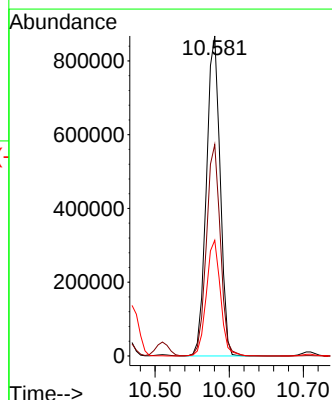
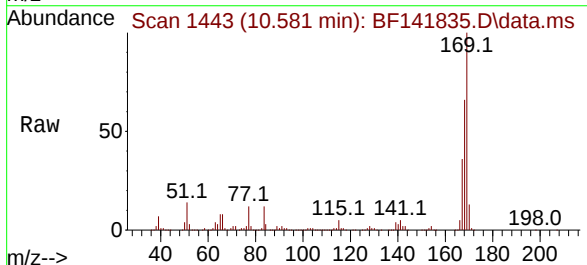
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

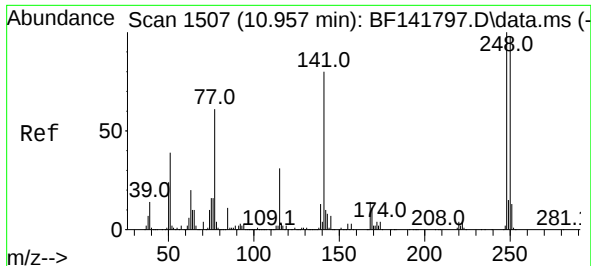
Tgt Ion:198 Resp: 213658
Ion Ratio Lower Upper
198 100
51 46.9 32.1 72.1
105 45.1 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 38.849 ng
RT: 10.581 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

Tgt Ion:169 Resp: 1114485
Ion Ratio Lower Upper
169 100
168 66.1 53.0 79.6
167 36.2 29.3 43.9

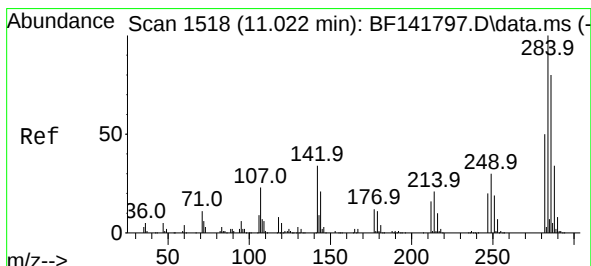
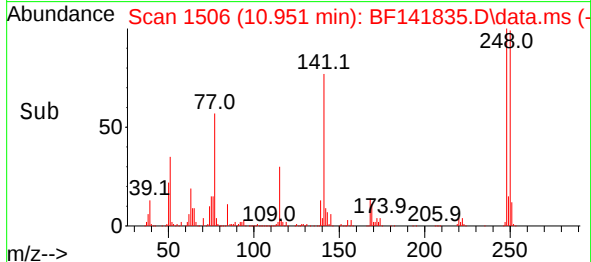
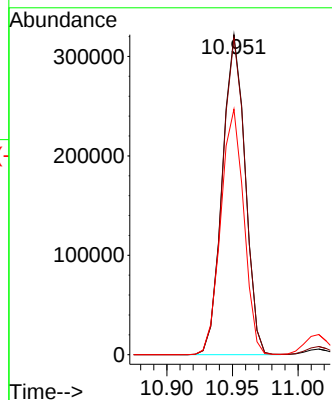
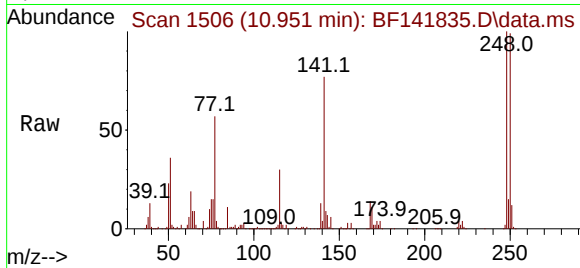




#67
4-Bromophenyl-phenylether
Concen: 38.195 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

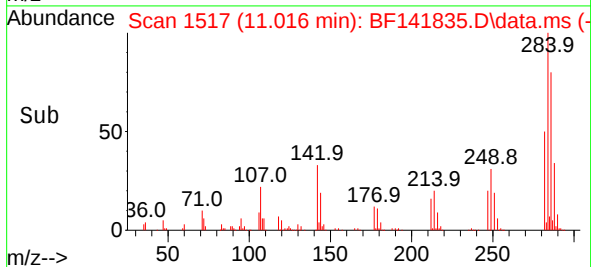
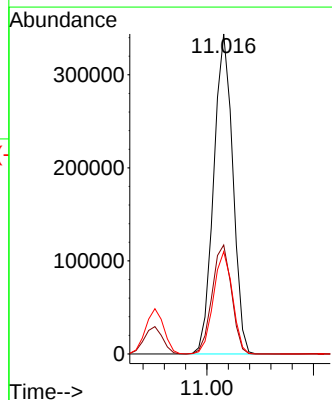
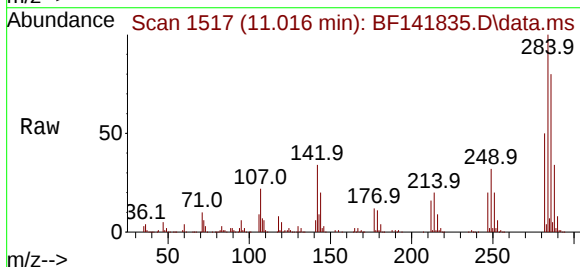
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

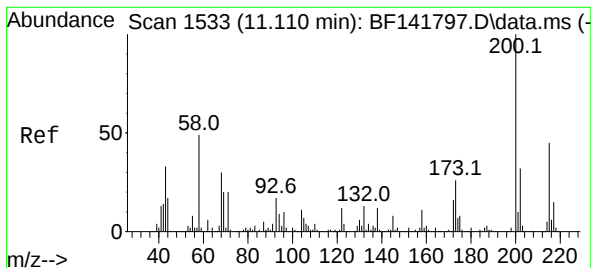
Tgt Ion:248 Resp: 389763
Ion Ratio Lower Upper
248 100
250 99.0 78.1 117.1
141 76.7 64.3 96.5



#68
Hexachlorobenzene
Concen: 39.651 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

Tgt Ion:284 Resp: 427268
Ion Ratio Lower Upper
284 100
142 34.1 28.2 42.2
249 31.9 25.5 38.3





#69

Atrazine

Concen: 34.483 ng

RT: 11.104 min Scan# 1532

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

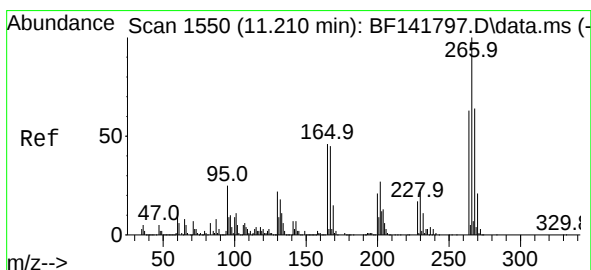
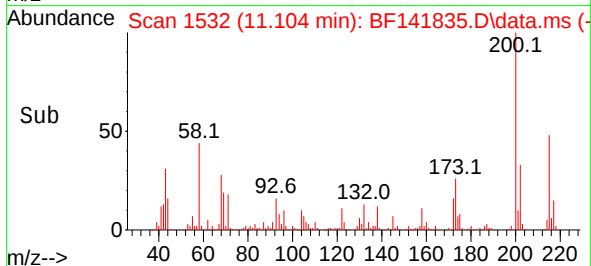
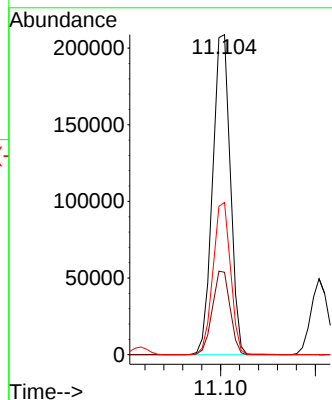
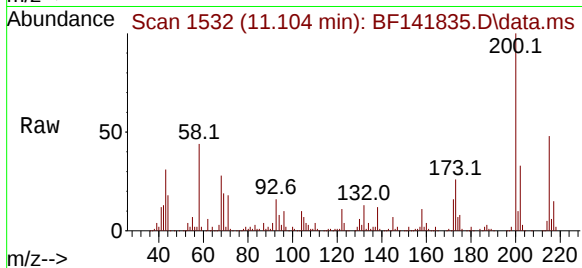
Tgt Ion:200 Resp: 272033

Ion Ratio Lower Upper

200 100

173 25.8 5.6 45.6

215 47.6 25.3 65.3



#70

Pentachlorophenol

Concen: 45.085 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

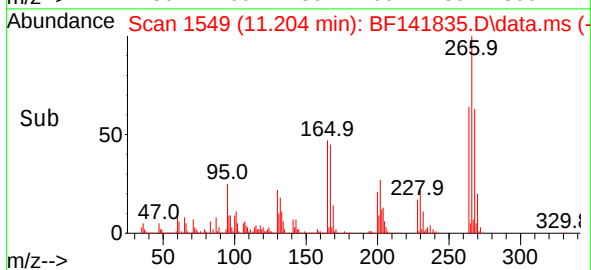
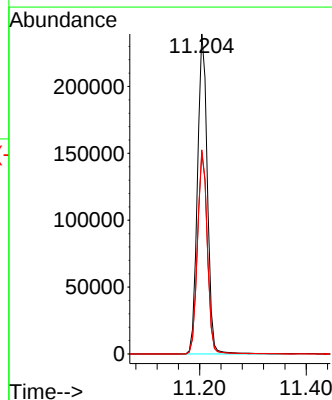
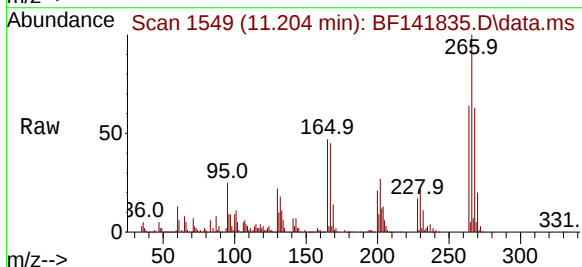
Tgt Ion:266 Resp: 308128

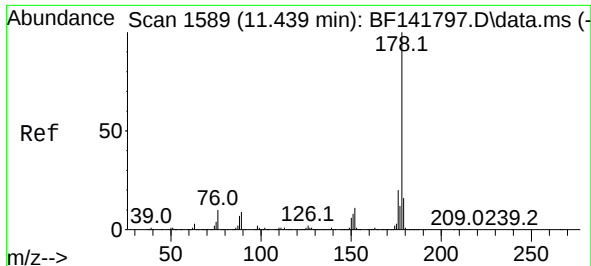
Ion Ratio Lower Upper

266 100

268 63.0 50.9 76.3

264 63.8 50.2 75.4

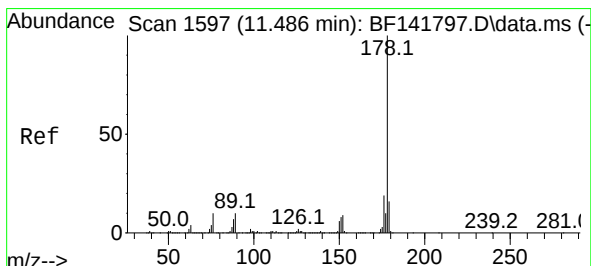
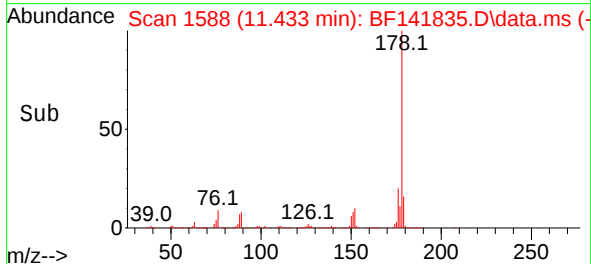
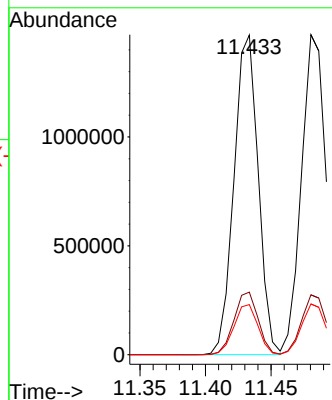
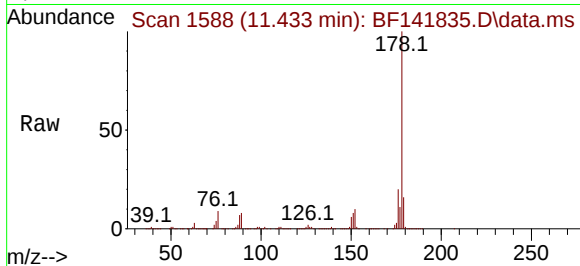




#71
Phenanthrene
Concen: 40.455 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

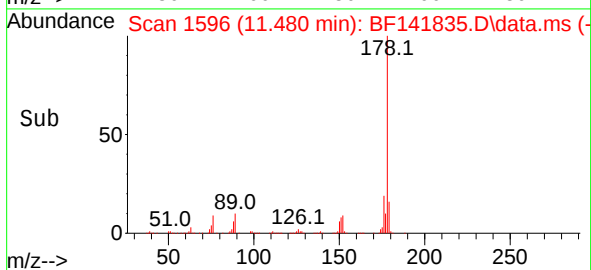
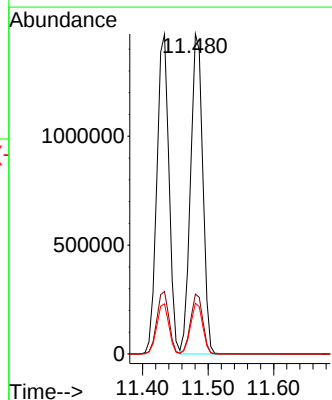
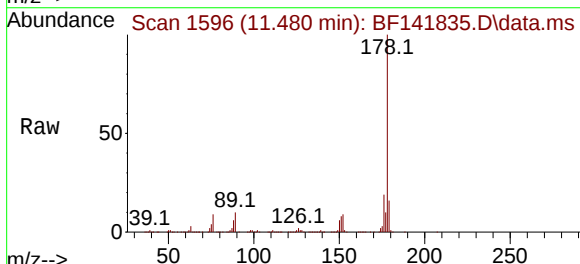
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

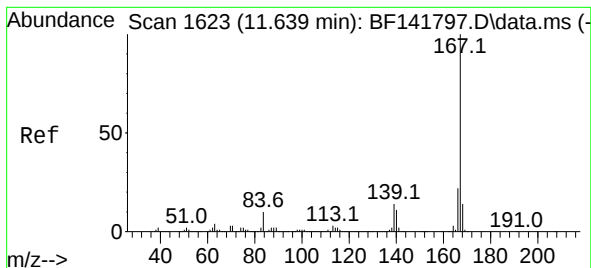
Tgt Ion:178 Resp: 1890507
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.7 12.6 19.0



#72
Anthracene
Concen: 40.598 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

Tgt Ion:178 Resp: 1901419
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.8 12.8 19.2





#73

Carbazole

Concen: 41.829 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

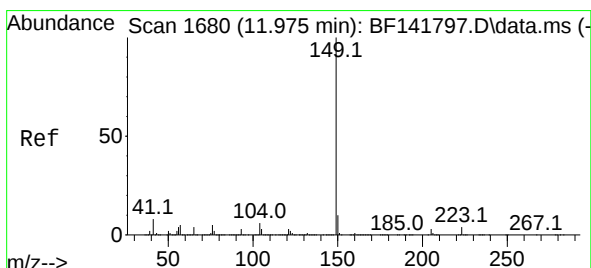
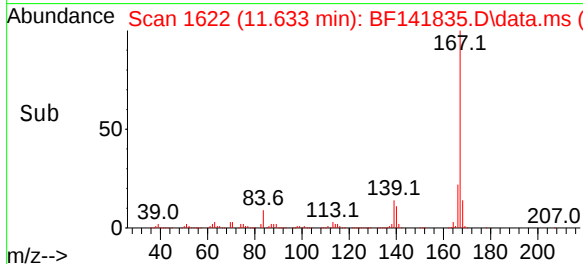
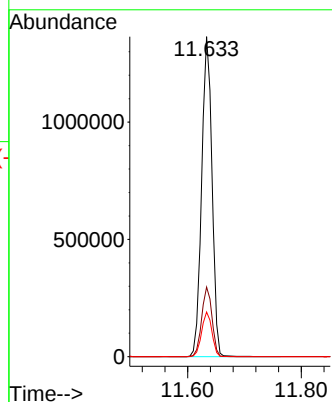
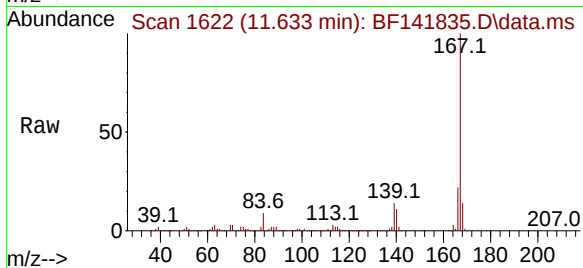
Tgt Ion:167 Resp: 1730017

Ion Ratio Lower Upper

167 100

166 21.8 17.5 26.3

139 14.0 11.3 16.9



#74

Di-n-butylphthalate

Concen: 37.694 ng

RT: 11.969 min Scan# 1679

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

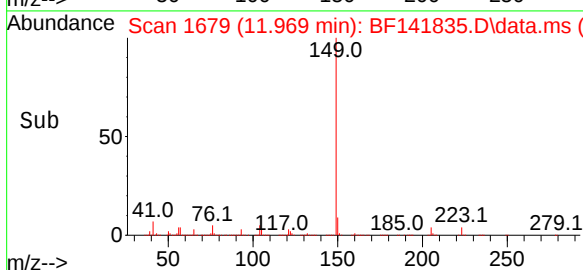
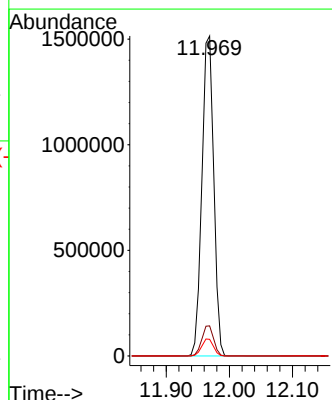
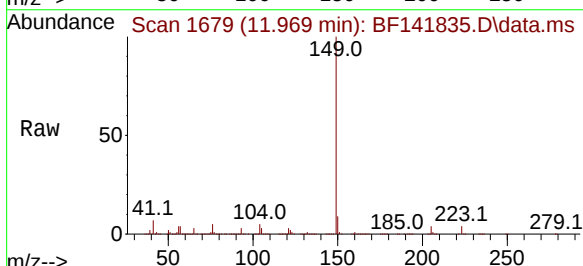
Tgt Ion:149 Resp: 1976148

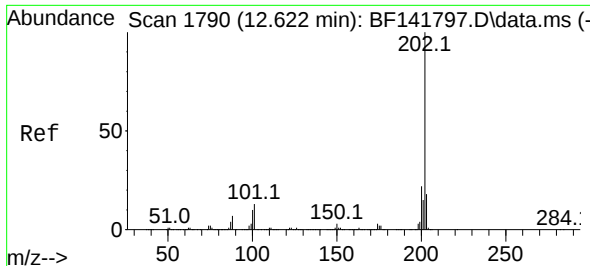
Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

104 5.2 4.4 6.6

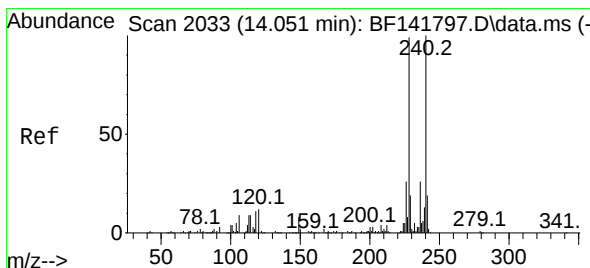
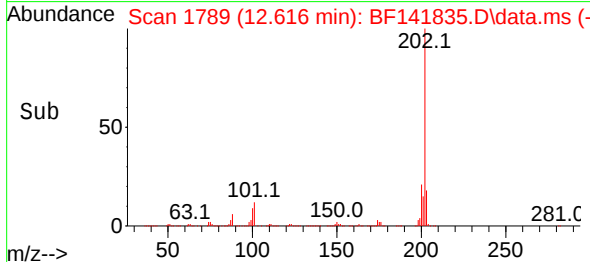
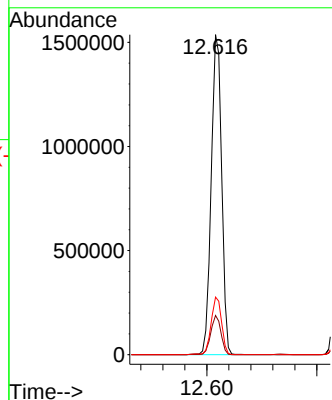
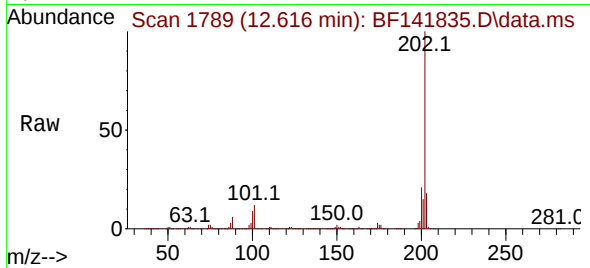




#75
Fluoranthene
Concen: 42.219 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

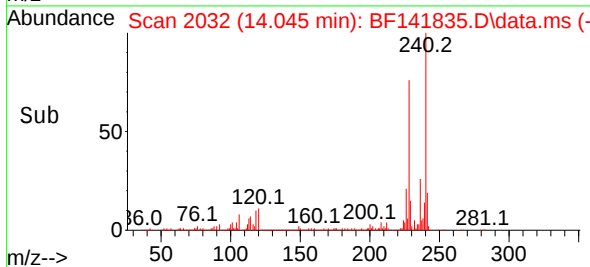
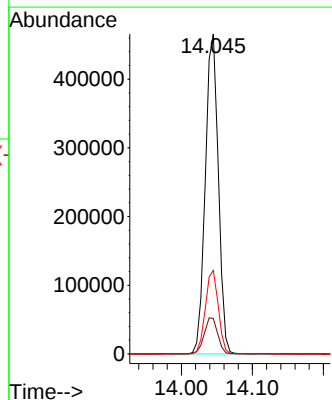
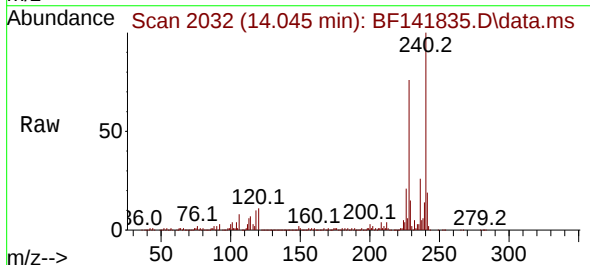
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

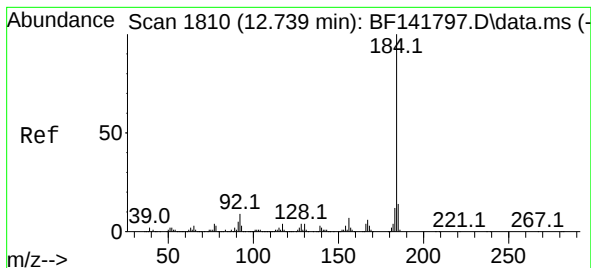
Tgt Ion:202 Resp: 2021622
Ion Ratio Lower Upper
202 100
101 12.3 0.0 32.8
203 18.0 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

Tgt Ion:240 Resp: 595765
Ion Ratio Lower Upper
240 100
120 11.1 9.7 14.5
236 26.1 21.0 31.4





#77

Benzidine

Concen: 60.734 ng

RT: 12.733 min Scan# 1809

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

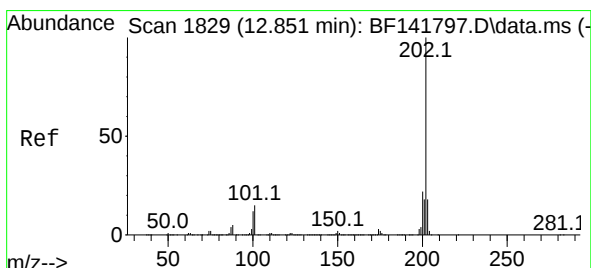
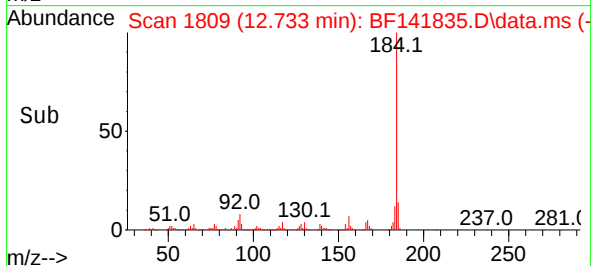
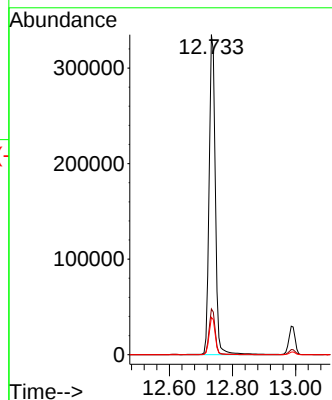
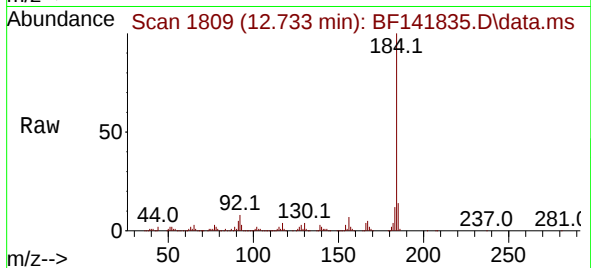
Tgt Ion:184 Resp: 455419

Ion Ratio Lower Upper

184 100

185 14.3 11.6 17.4

183 11.7 9.4 14.0



#78

Pyrene

Concen: 39.773 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

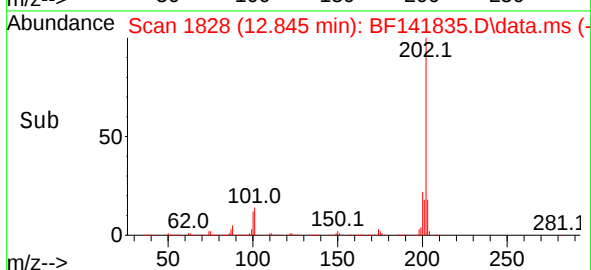
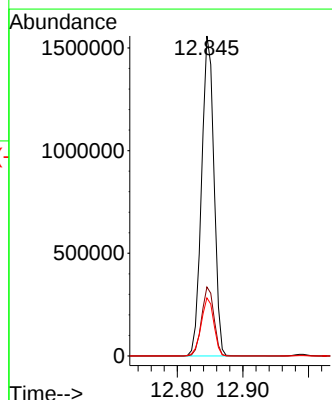
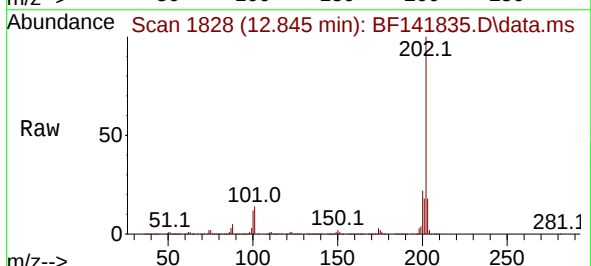
Tgt Ion:202 Resp: 2051898

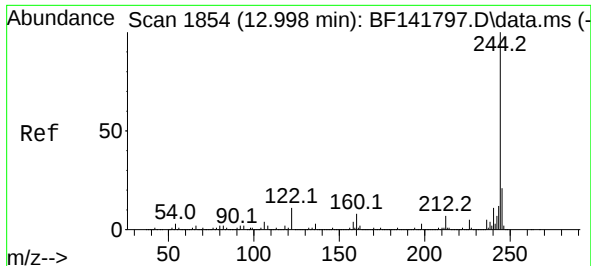
Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.0

203 18.2 14.6 22.0





#79

Terphenyl-d14

Concen: 76.987 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

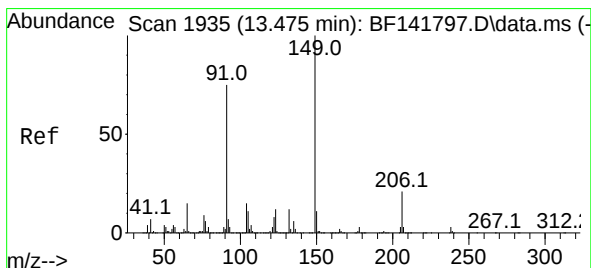
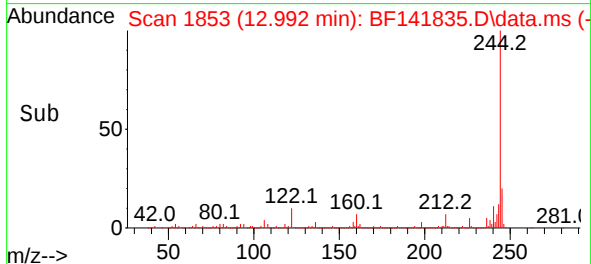
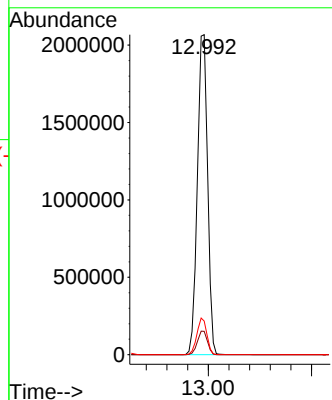
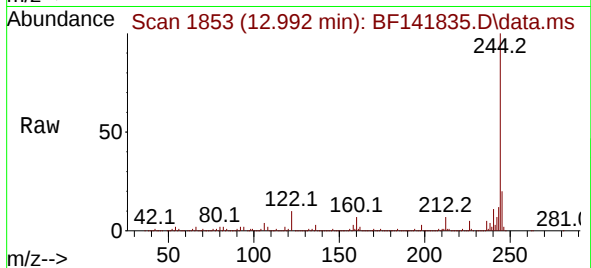
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 2834884

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	10.5	9.0	13.6



#80

Butylbenzylphthalate

Concen: 41.053 ng

RT: 13.463 min Scan# 1933

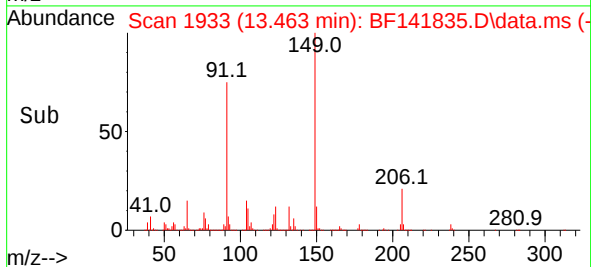
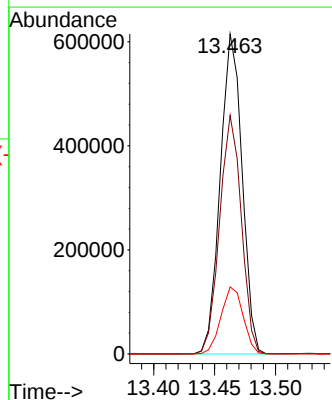
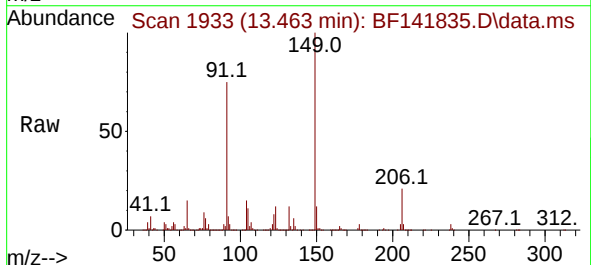
Delta R.T. -0.012 min

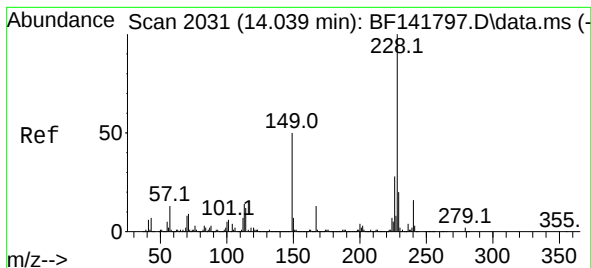
Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Tgt Ion:149 Resp: 769482

Ion	Ratio	Lower	Upper
149	100		
91	74.5	60.1	90.1
206	20.9	16.8	25.2





#81

Benzo(a)anthracene

Concen: 39.619 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

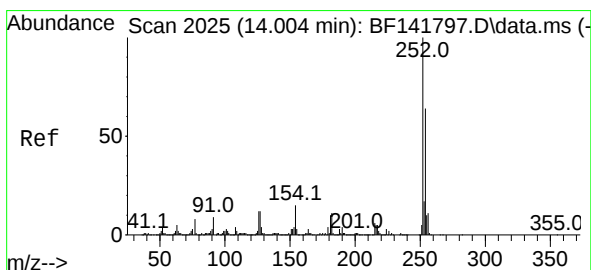
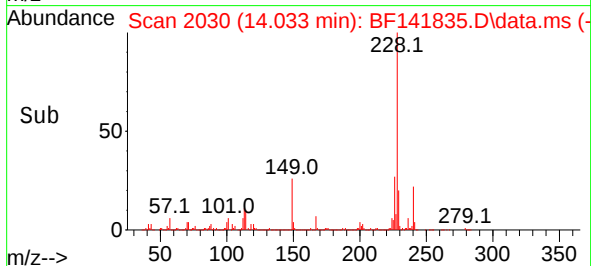
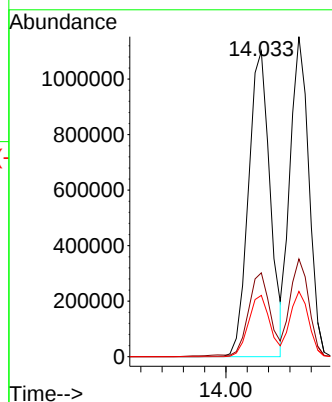
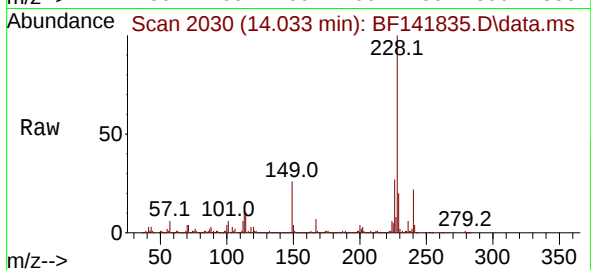
Tgt Ion:228 Resp: 1559065

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 20.1 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 40.293 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.012 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

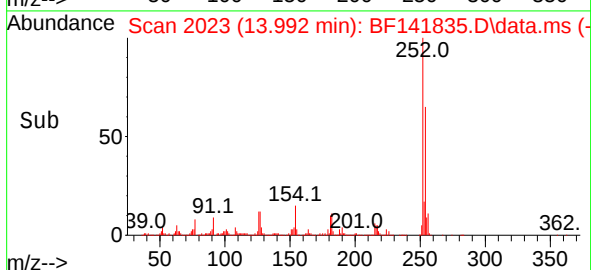
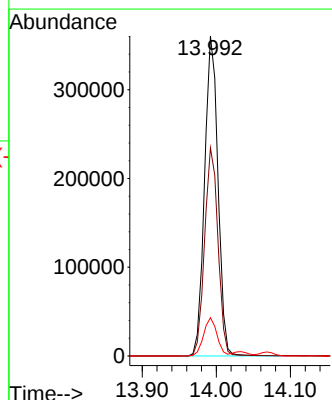
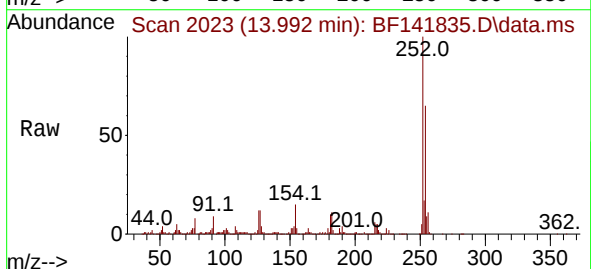
Tgt Ion:252 Resp: 454914

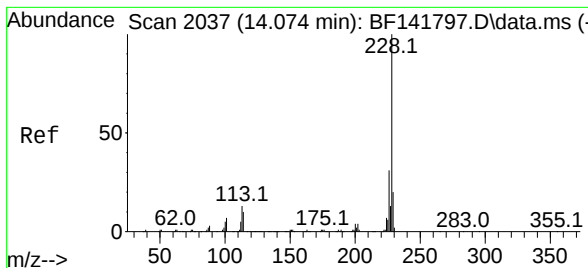
Ion Ratio Lower Upper

252 100

254 65.0 51.4 77.0

126 12.0 9.8 14.6





#83

Chrysene

Concen: 39.076 ng

RT: 14.069 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

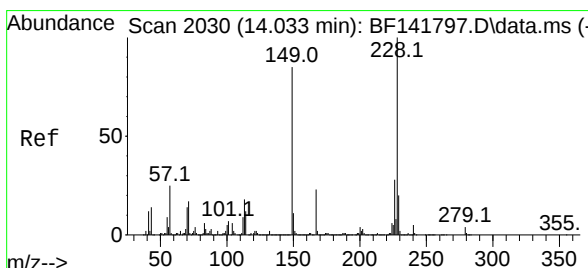
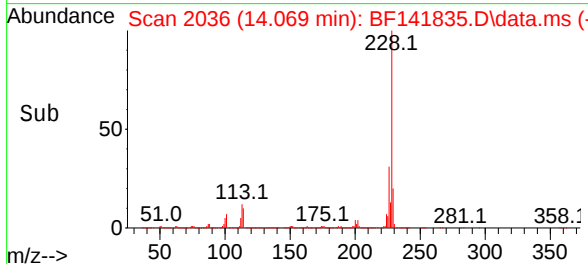
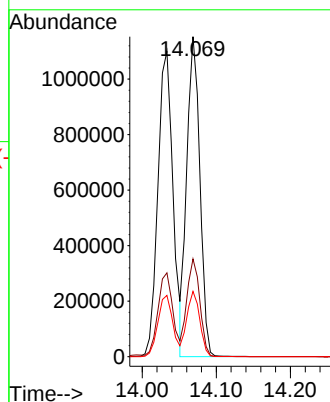
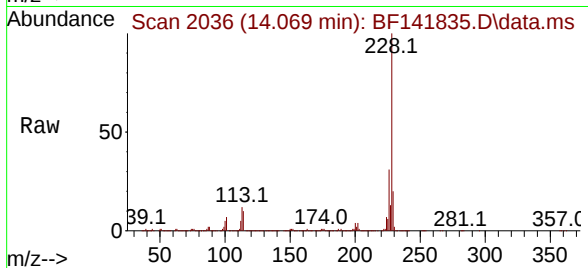
Tgt Ion:228 Resp: 1417476

Ion Ratio Lower Upper

228 100

226 30.6 24.6 37.0

229 20.4 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.198 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

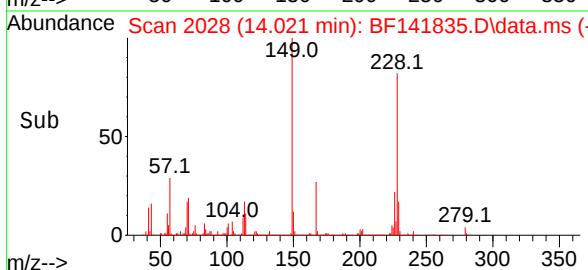
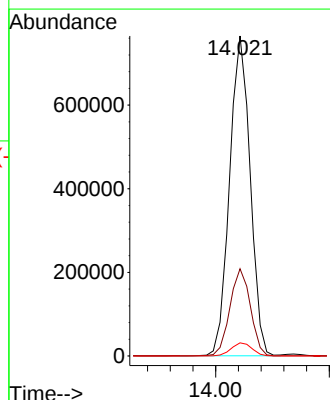
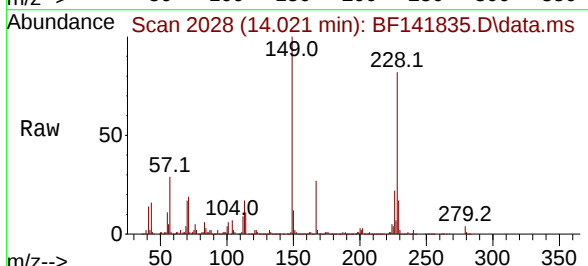
Tgt Ion:149 Resp: 961512

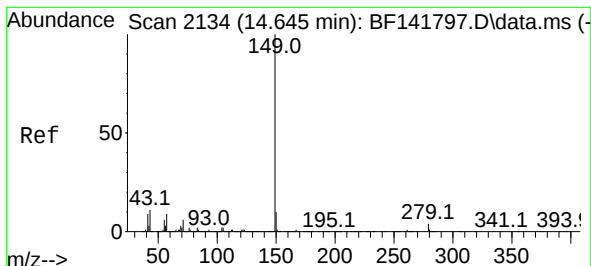
Ion Ratio Lower Upper

149 100

167 27.2 21.2 31.8

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 38.592 ng

RT: 14.633 min Scan# 2134

Delta R.T. -0.012 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

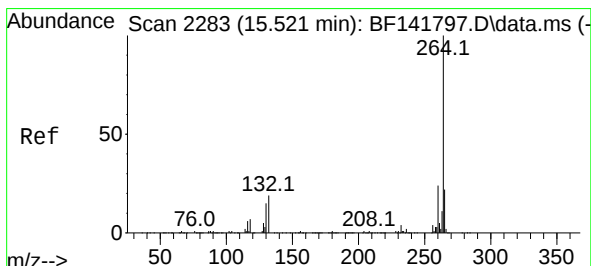
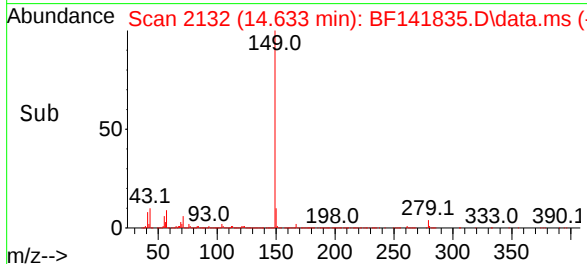
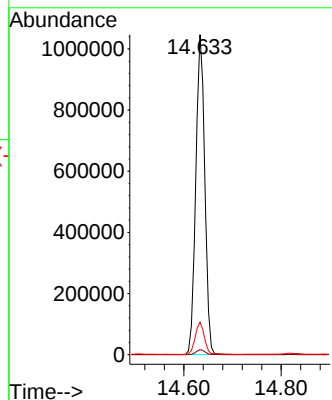
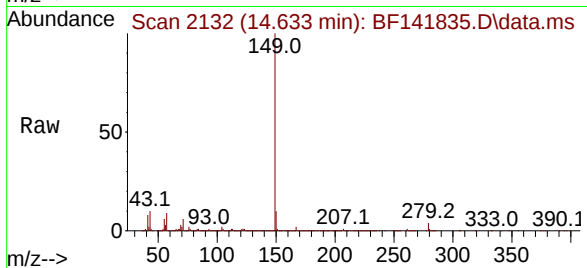
Tgt Ion:149 Resp: 1348427

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.1 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. -0.012 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

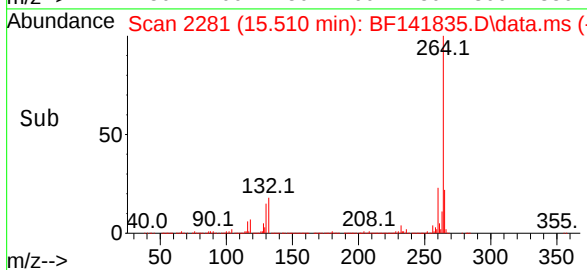
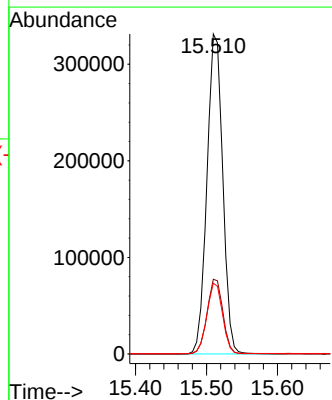
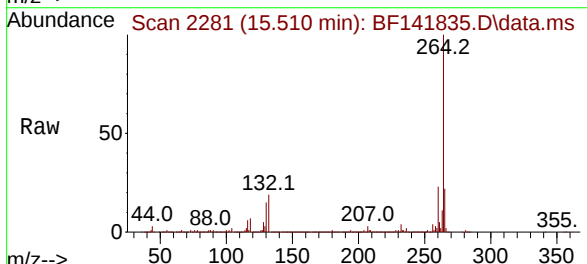
Tgt Ion:264 Resp: 513355

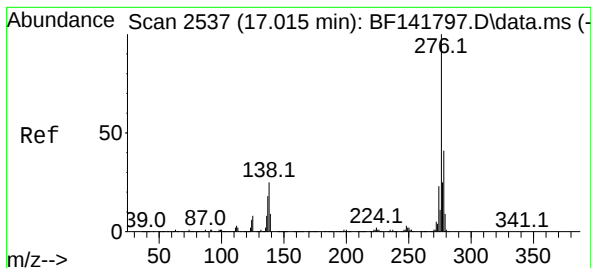
Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 22.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.147 ng

RT: 16.998 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

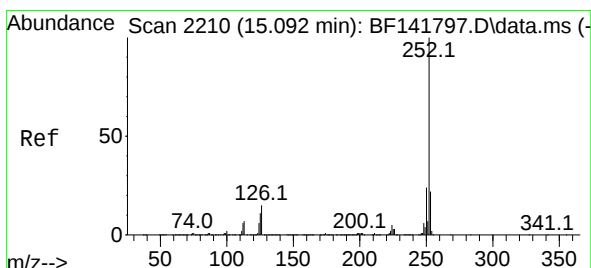
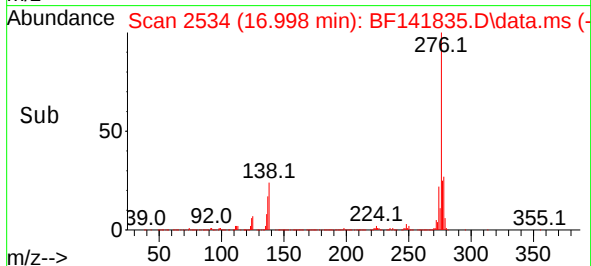
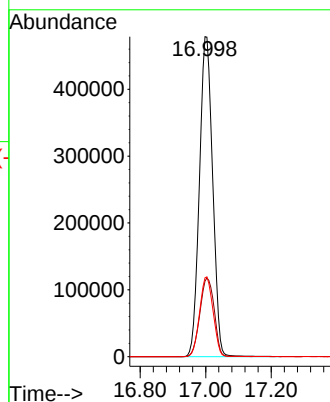
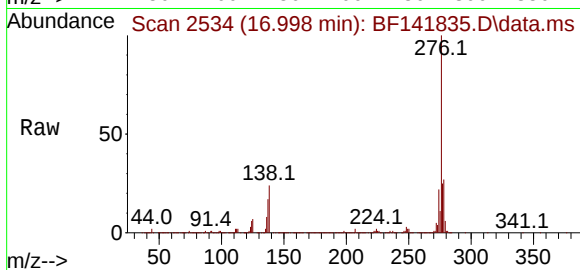
Tgt Ion:276 Resp: 1345046

Ion Ratio Lower Upper

276 100

138 26.6 22.5 33.7

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 40.178 ng

RT: 15.080 min Scan# 2208

Delta R.T. -0.012 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

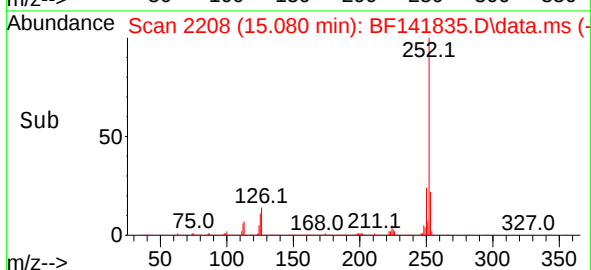
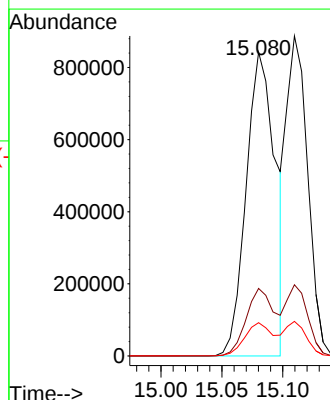
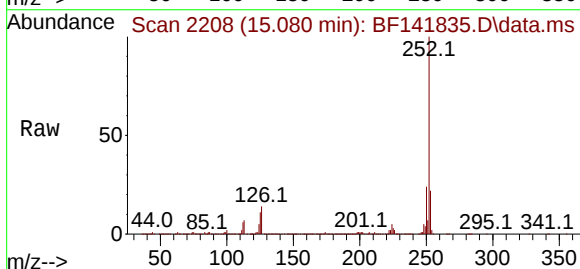
Tgt Ion:252 Resp: 1404956

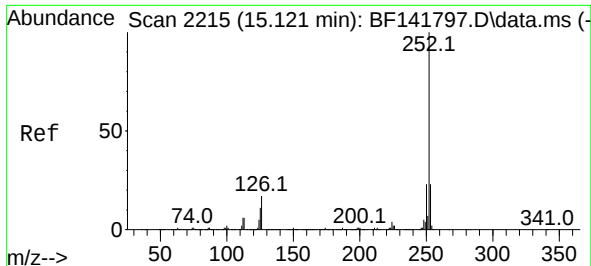
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.0 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 36.524 ng

RT: 15.110 min Scan# 2215

Delta R.T. -0.012 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

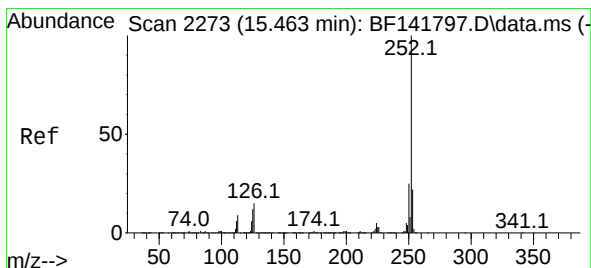
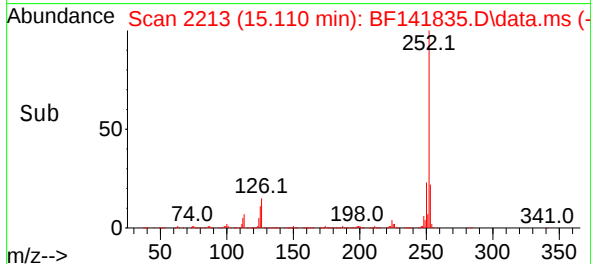
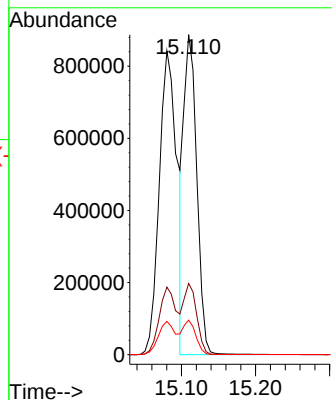
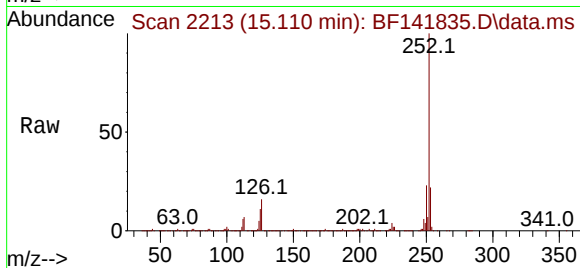
Tgt Ion:252 Resp: 1085559

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 10.8 8.8 13.2



#90

Benzo(a)pyrene

Concen: 39.322 ng

RT: 15.451 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF141835.D

Acq: 05 Mar 2025 10:09

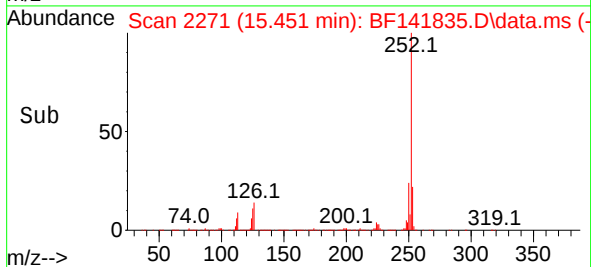
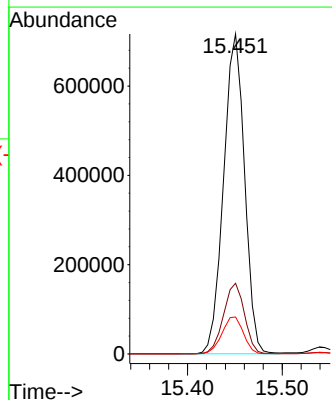
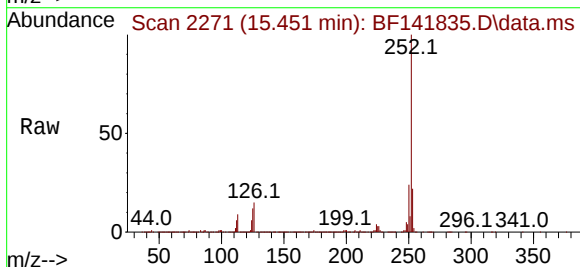
Tgt Ion:252 Resp: 1102749

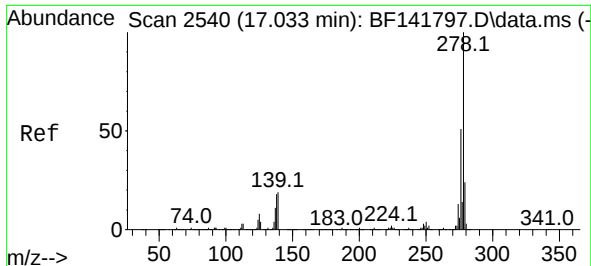
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 11.5 9.4 14.2

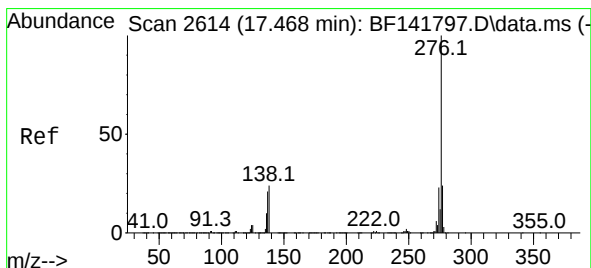
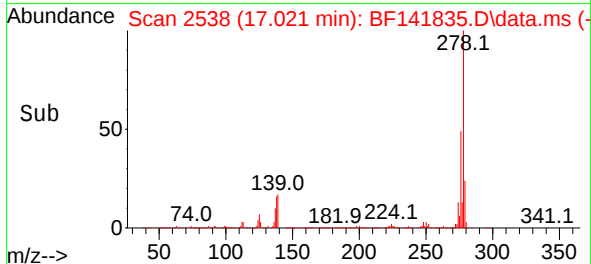
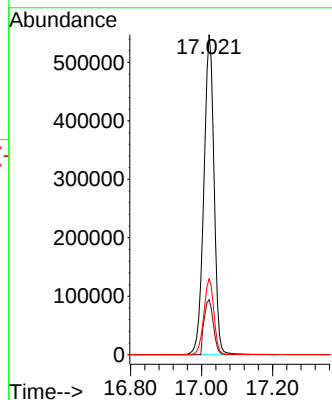
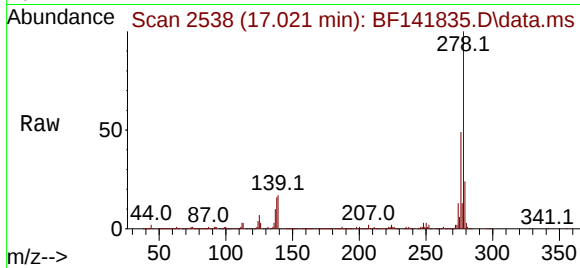




#91
Dibenzo(a,h)anthracene
Concen: 41.050 ng
RT: 17.021 min Scan# 2538
Delta R.T. -0.012 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 1095326
Ion Ratio Lower Upper
278 100
139 17.2 14.9 22.3
279 23.7 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 41.520 ng
RT: 17.451 min Scan# 2611
Delta R.T. -0.018 min
Lab File: BF141835.D
Acq: 05 Mar 2025 10:09

Tgt Ion:276 Resp: 1134958
Ion Ratio Lower Upper
276 100
277 24.3 19.4 29.0
138 23.2 19.3 28.9

