

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030525\
 Data File : BF141844.D
 Acq On : 05 Mar 2025 15:21
 Operator : RC/JU
 Sample : Q1487-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-42MS

Quant Time: Mar 05 15:58:21 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	6.886	152	192210	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	734232	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	370025	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	565314	20.000	ng	0.00
76) Chrysene-d12	14.039	240	409462	20.000	ng	-0.01
86) Perylene-d12	15.509	264	473342	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1284833	106.751	ng	0.00
7) Phenol-d6	6.504	99	1597457	101.972	ng	0.00
23) Nitrobenzene-d5	7.445	82	1004018	87.407	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	393680	113.326	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1691234	73.287	ng	0.00
79) Terphenyl-d14	12.986	244	1404647	55.502	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.710	88	228610	41.861	ng 98
3) Pyridine	3.475	79	539964	39.738	ng 98
4) n-Nitrosodimethylamine	3.416	42	280375	42.884	ng 95
6) Aniline	6.545	93	612696	37.620	ng 100
8) 2-Chlorophenol	6.669	128	564761	43.377	ng 97
9) Benzaldehyde	6.434	77	204683	22.462	ng 99
10) Phenol	6.522	94	725989	43.368	ng 98
11) bis(2-Chloroethyl)ether	6.622	93	526773	41.282	ng 96
12) 1,3-Dichlorobenzene	6.828	146	593769	42.585	ng 100
13) 1,4-Dichlorobenzene	6.904	146	605338	43.087	ng 99
14) 1,2-Dichlorobenzene	7.057	146	577487	44.019	ng 98
15) Benzyl Alcohol	7.022	79	492984	39.376	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	729509	37.645	ng 100
17) 2-Methylphenol	7.128	107	448607	41.743	ng 100
18) Hexachloroethane	7.398	117	223054	42.419	ng 99
19) n-Nitroso-di-n-propyla...	7.292	70	384941	37.380	ng 98
20) 3+4-Methylphenols	7.281	107	568592	42.489	ng 96
22) Acetophenone	7.292	105	827134	46.254	ng 97
24) Nitrobenzene	7.463	77	588435	47.838	ng 99
25) Isophorone	7.704	82	1023670	41.482	ng 98
26) 2-Nitrophenol	7.780	139	272681	49.470	ng 98
27) 2,4-Dimethylphenol	7.810	122	475901	52.462	ng 99
28) bis(2-Chloroethoxy)met...	7.910	93	615055	39.071	ng 100
29) 2,4-Dichlorophenol	8.016	162	443054	42.337	ng 99
30) 1,2,4-Trichlorobenzene	8.104	180	484159	42.221	ng 99
31) Naphthalene	8.186	128	1565470	41.484	ng 99
32) Benzoic acid	7.910	122	341693	45.590	ng 99
33) 4-Chloroaniline	8.233	127	332297	24.016	ng 98
34) Hexachlorobutadiene	8.304	225	301524	42.314	ng 99
35) Caprolactam	8.592	113	165832	51.511	ng 93
36) 4-Chloro-3-methylphenol	8.704	107	477385	41.065	ng 99
37) 2-Methylnaphthalene	8.880	142	971643	39.255	ng 100
38) 1-Methylnaphthalene	8.975	142	949369	39.973	ng 99
40) 1,2,4,5-Tetrachloroben...	9.045	216	515221	48.211	ng 99
41) Hexachlorocyclopentadiene	9.033	237	565053	126.697	ng 99
43) 2,4,6-Trichlorophenol	9.151	196	313746	45.449	ng 99

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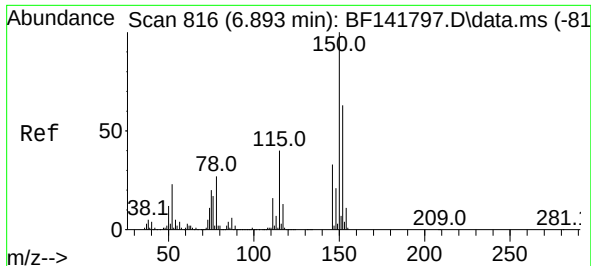
Quant Time: Mar 05 15:58:21 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	323494	47.324	ng	99
46) 1,1'-Biphenyl	9.339	154	1353556	48.058	ng	99
47) 2-Chloronaphthalene	9.369	162	928972	44.688	ng	98
48) 2-Nitroaniline	9.457	65	291855	50.994	ng	95
49) Acenaphthylene	9.780	152	1433535	45.995	ng	99
50) Dimethylphthalate	9.639	163	1048895	42.329	ng	100
51) 2,6-Dinitrotoluene	9.698	165	232333	48.952	ng	95
52) Acenaphthene	9.957	154	954639	45.394	ng	99
53) 3-Nitroaniline	9.869	138	173093	35.128	ng	# 91
54) 2,4-Dinitrophenol	9.969	184	147123	70.645	ng	# 20
55) Dibenzofuran	10.127	168	1269599	41.477	ng	98
56) 4-Nitrophenol	10.016	139	401998	109.840	ng	99
57) 2,4-Dinitrotoluene	10.104	165	310411	53.198	ng	92
58) Fluorene	10.469	166	971273	42.361	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.198	232	266968	44.905	ng	91
60) Diethylphthalate	10.339	149	991255	39.903	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	470028	40.915	ng	98
62) 4-Nitroaniline	10.480	138	215910	51.021	ng	96
63) Azobenzene	10.621	77	1080202	41.298	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	102419	40.086	ng	98
66) n-Nitrosodiphenylamine	10.574	169	861837	46.428	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	288947	43.759	ng	98
68) Hexachlorobenzene	11.016	284	314028	45.037	ng	98
69) Atrazine	11.104	200	317462	62.190	ng	99
70) Pentachlorophenol	11.204	266	374526	84.690	ng	99
71) Phenanthrene	11.427	178	1360847	45.003	ng	99
72) Anthracene	11.480	178	1381172	45.574	ng	99
73) Carbazole	11.633	167	1177198	43.987	ng	99
74) Di-n-butylphthalate	11.963	149	1357104	40.005	ng	99
75) Fluoranthene	12.615	202	1240933	40.050	ng	98
77) Benzidine	12.733	184	496999	96.436	ng	100
78) Pyrene	12.845	202	1269067	35.792	ng	99
80) Butylbenzylphthalate	13.462	149	469636	36.456	ng	97
81) Benzo(a)anthracene	14.027	228	1232226	45.561	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	369769	47.653	ng	100
83) Chrysene	14.068	228	1062387	42.613	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	600275	37.423	ng	100
85) Di-n-octyl phthalate	14.633	149	1108571	46.163	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	1050463	34.852	ng	98
88) Benzo(b)fluoranthene	15.080	252	1389072	43.082	ng	100
89) Benzo(k)fluoranthene	15.109	252	1085392	39.606	ng	99
90) Benzo(a)pyrene	15.451	252	1182996	45.749	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	863598	35.102	ng	98
92) Benzo(g,h,i)perylene	17.445	276	737995	29.280	ng	99

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

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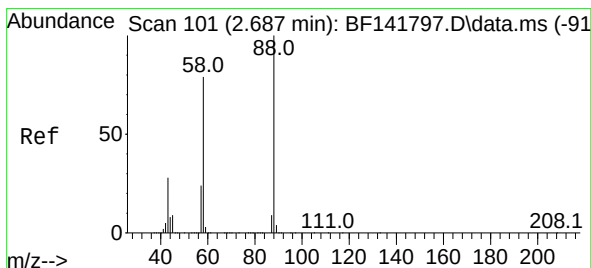
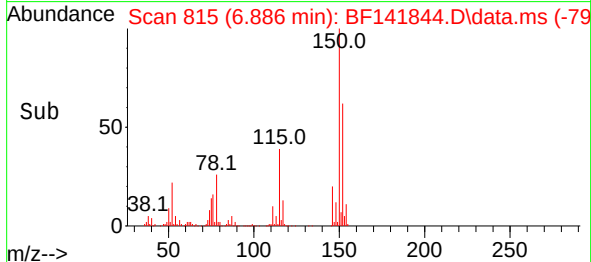
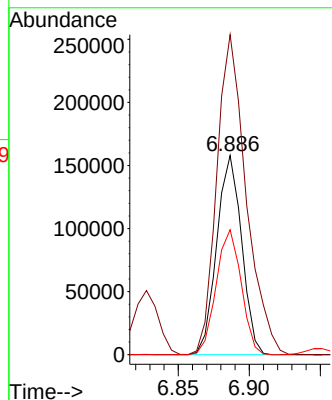
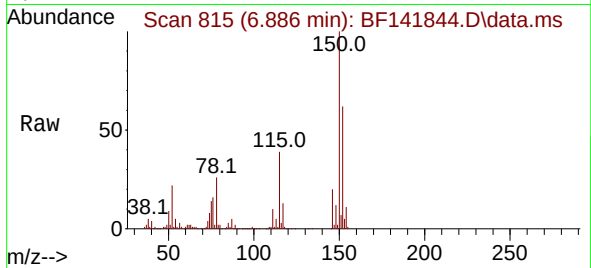




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BF141844.D
 Acq: 05 Mar 2025 15:21

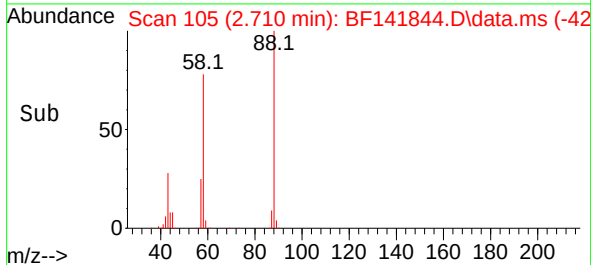
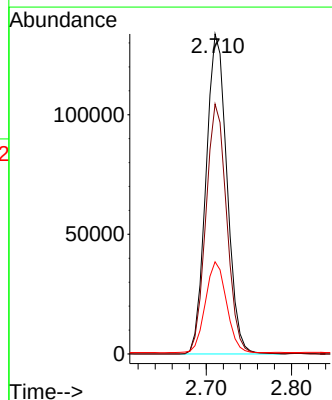
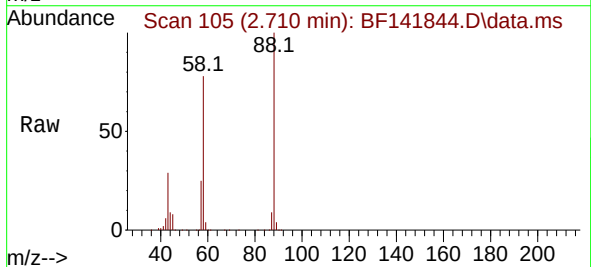
Instrument :
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 DN-B-42MS

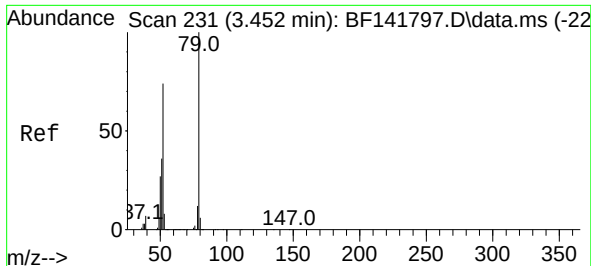
Tgt Ion:152 Resp: 192210
 Ion Ratio Lower Upper
 152 100
 150 160.6 127.5 191.3
 115 62.7 51.4 77.2



#2
 1,4-Dioxane
 Concen: 41.861 ng
 RT: 2.710 min Scan# 105
 Delta R.T. 0.023 min
 Lab File: BF141844.D
 Acq: 05 Mar 2025 15:21

Tgt Ion: 88 Resp: 228610
 Ion Ratio Lower Upper
 88 100
 58 77.9 63.9 95.9
 43 28.5 23.0 34.6





#3

Pyridine

Concen: 39.738 ng

RT: 3.475 min Scan# 24

Delta R.T. 0.023 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

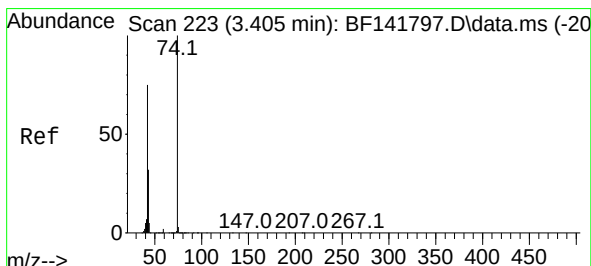
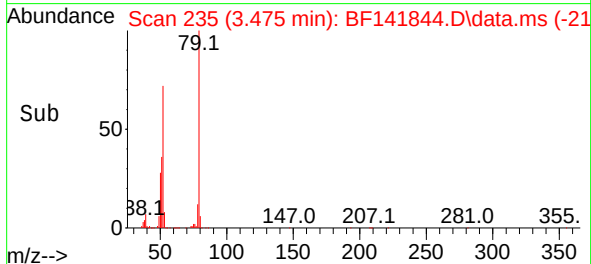
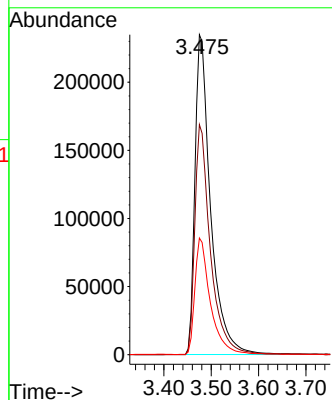
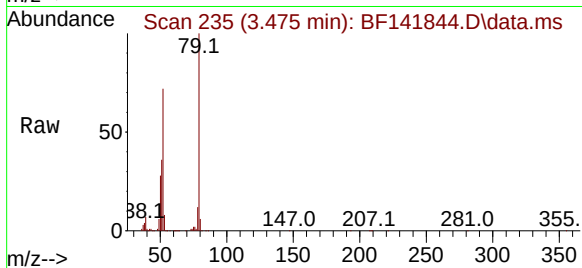
Tgt Ion: 79 Resp: 539964

Ion Ratio Lower Upper

79 100

52 71.9 59.0 88.4

51 36.5 29.0 43.4



#4

n-Nitrosodimethylamine

Concen: 42.884 ng

RT: 3.416 min Scan# 225

Delta R.T. 0.011 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

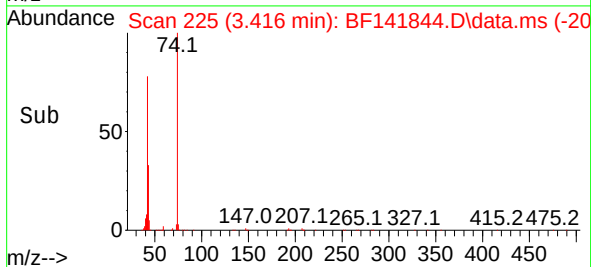
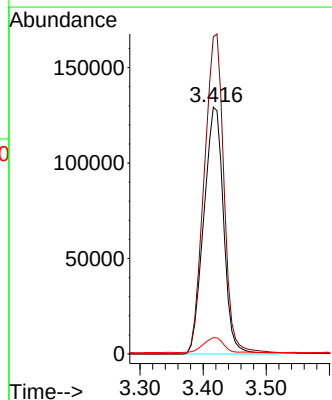
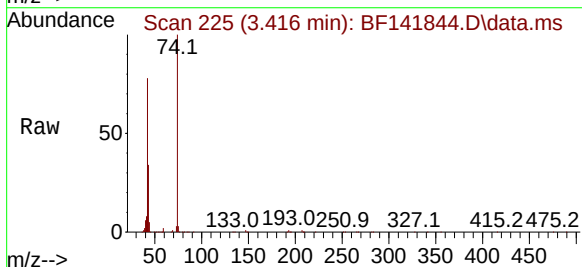
Tgt Ion: 42 Resp: 280375

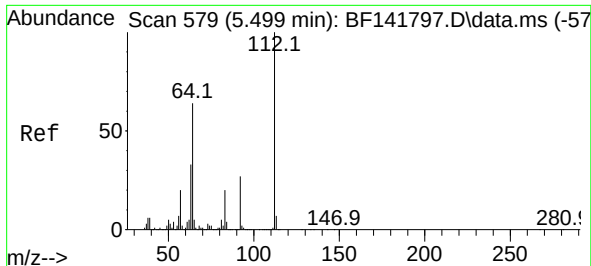
Ion Ratio Lower Upper

42 100

74 128.5 107.1 160.7

44 6.6 6.6 9.8

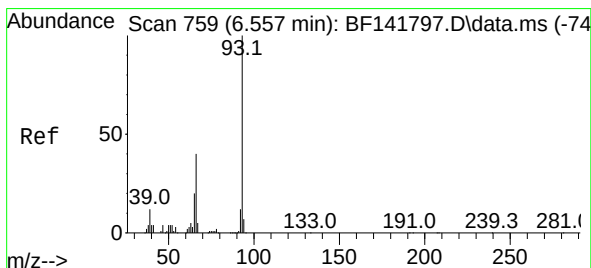
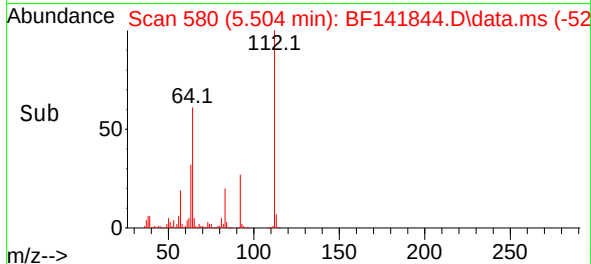
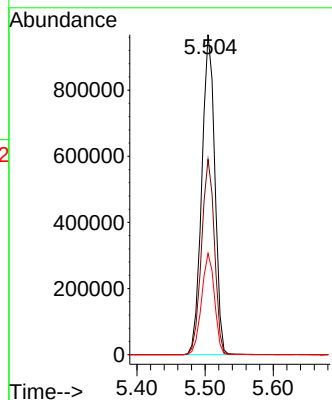
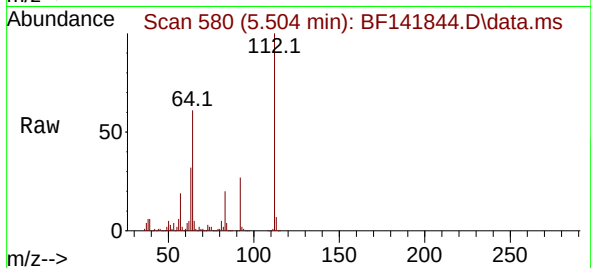




#5
2-Fluorophenol
Concen: 106.751 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

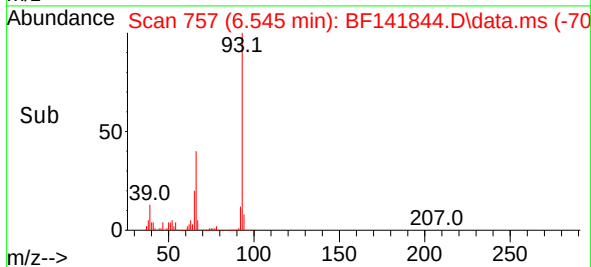
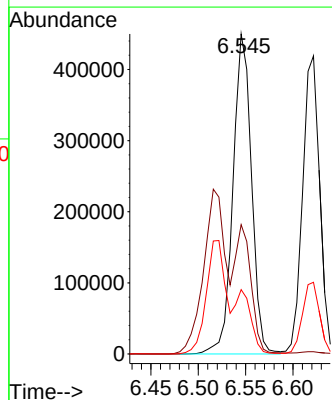
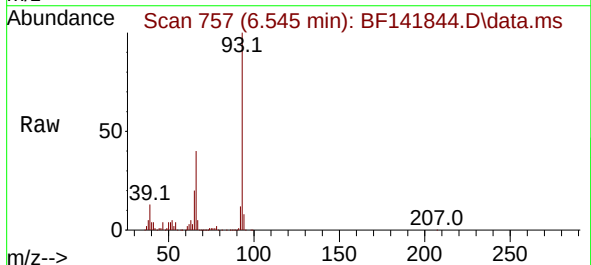
Instrument :
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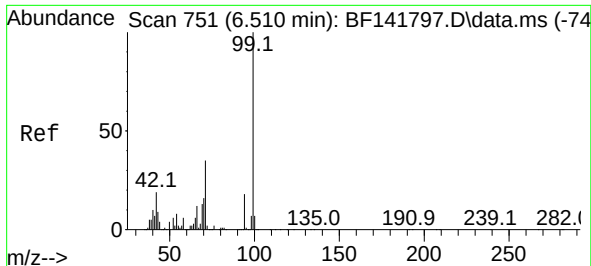
Tgt Ion:112 Resp: 1284833
Ion Ratio Lower Upper
112 100
64 61.1 51.3 76.9
63 31.6 26.2 39.4



#6
Aniline
Concen: 37.620 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.012 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

Tgt Ion: 93 Resp: 612696
Ion Ratio Lower Upper
93 100
66 40.4 32.3 48.5
65 20.1 15.9 23.9





#7

Phenol-d6

Concen: 101.972 ng

RT: 6.504 min Scan# 750

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

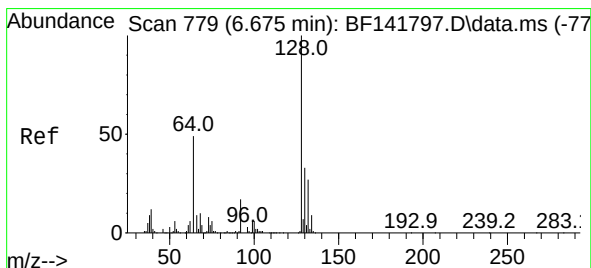
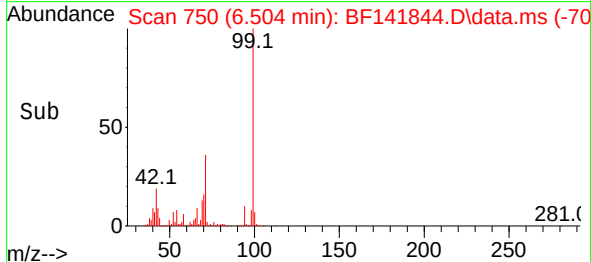
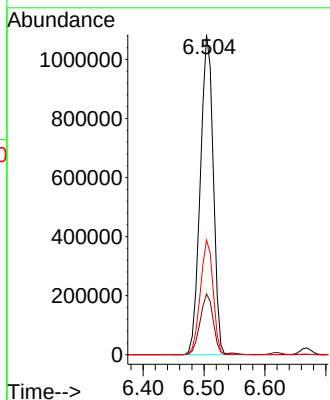
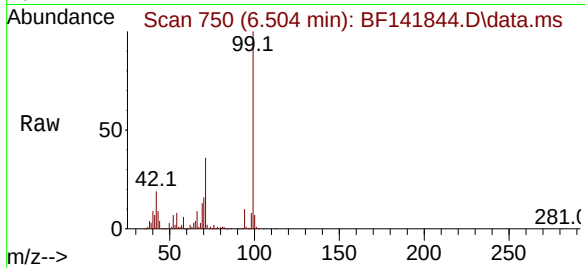
Tgt Ion: 99 Resp: 1597457

Ion Ratio Lower Upper

99 100

42 18.9 15.2 22.8

71 35.8 28.2 42.2



#8

2-Chlorophenol

Concen: 43.377 ng

RT: 6.669 min Scan# 778

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

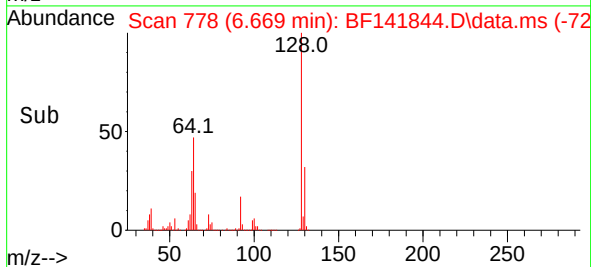
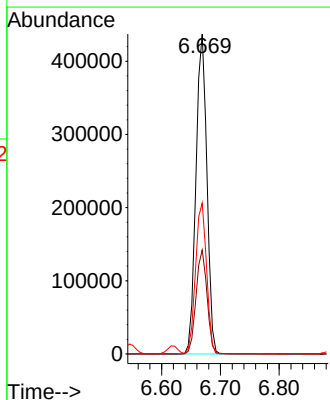
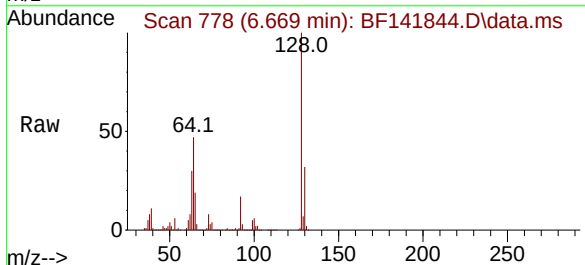
Tgt Ion: 128 Resp: 564761

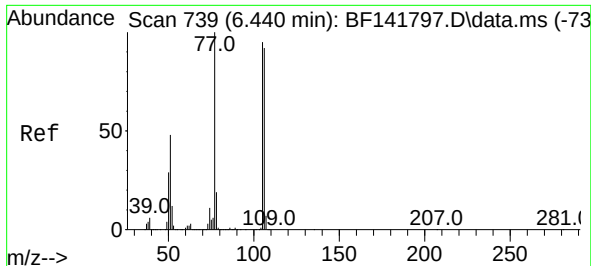
Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

64 47.2 31.1 71.1

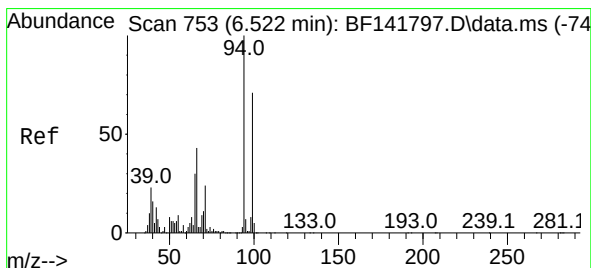
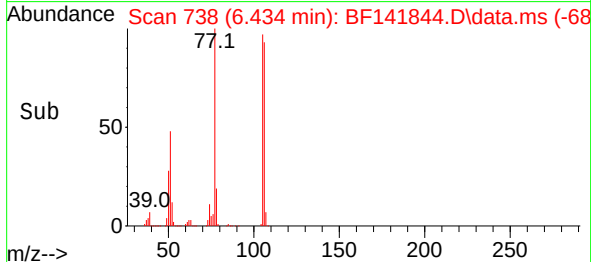
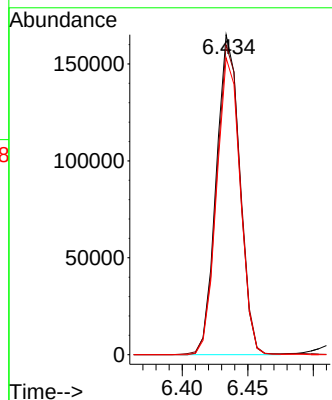
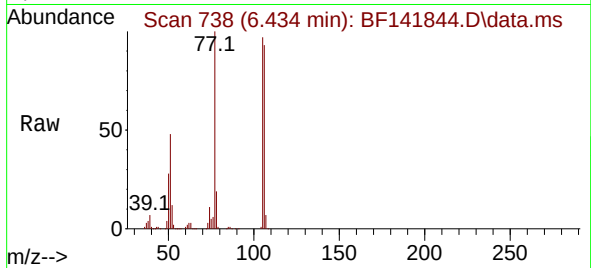




#9
Benzaldehyde
Concen: 22.462 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

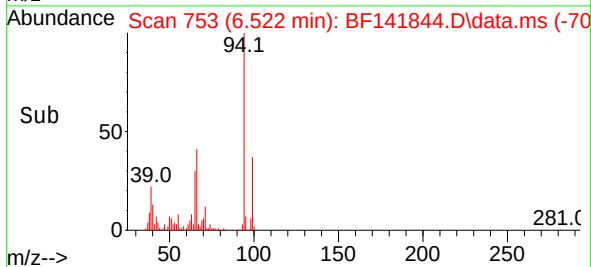
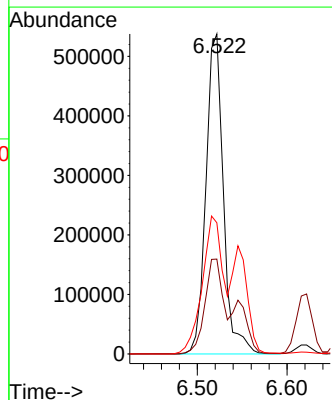
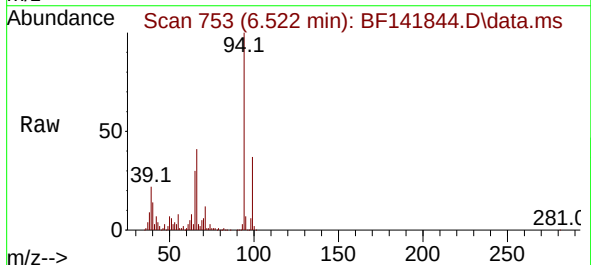
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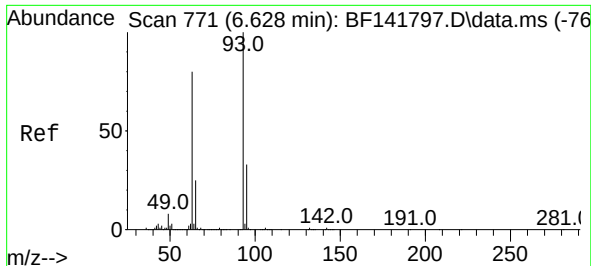
Tgt Ion: 77 Resp: 204683
Ion Ratio Lower Upper
77 100
105 96.8 75.3 115.3
106 92.8 72.3 112.3



#10
Phenol
Concen: 43.368 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

Tgt Ion: 94 Resp: 725989
Ion Ratio Lower Upper
94 100
65 29.6 10.2 50.2
66 41.0 23.2 63.2





#11

bis(2-Chloroethyl)ether

Concen: 41.282 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

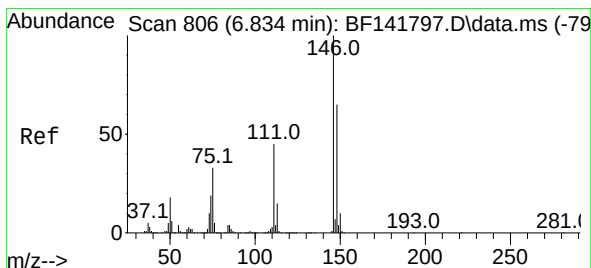
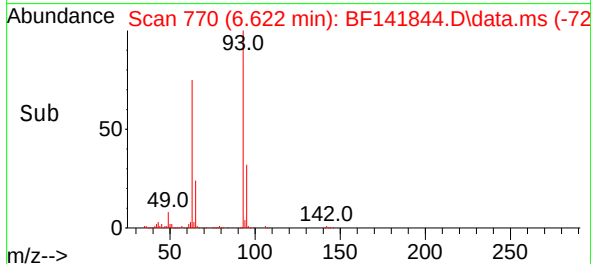
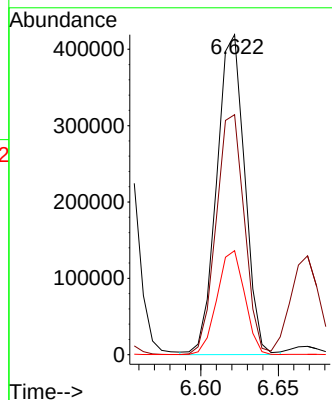
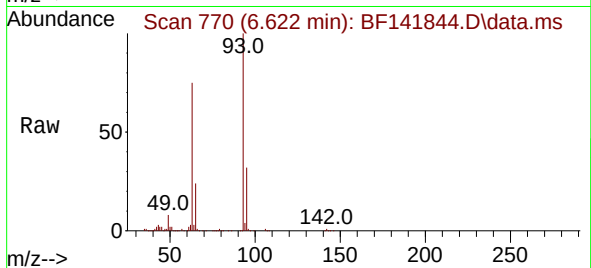
Tgt Ion: 93 Resp: 526773

Ion Ratio Lower Upper

93 100

63 75.0 59.3 99.3

95 32.5 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 42.585 ng

RT: 6.828 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

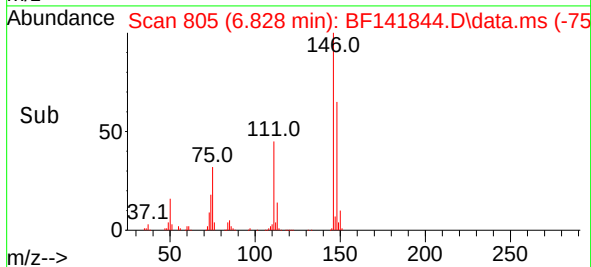
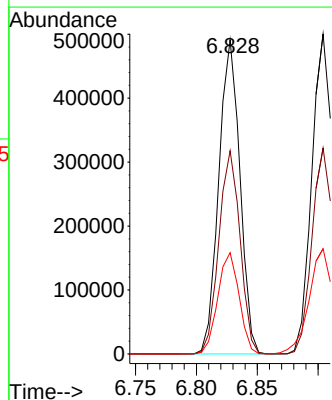
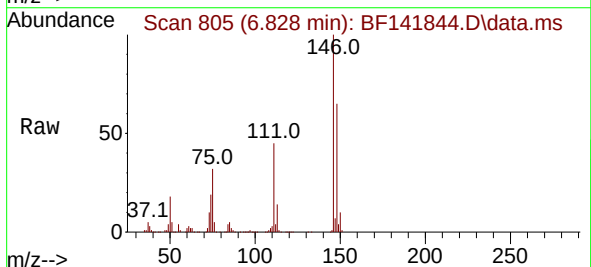
Tgt Ion:146 Resp: 593769

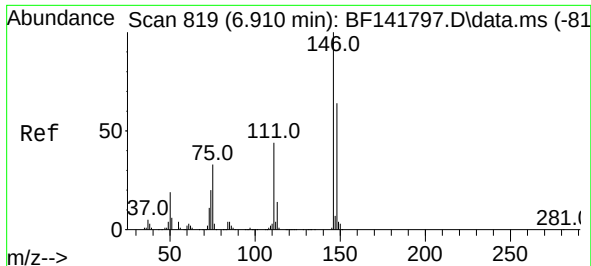
Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.6

75 32.3 26.2 39.4

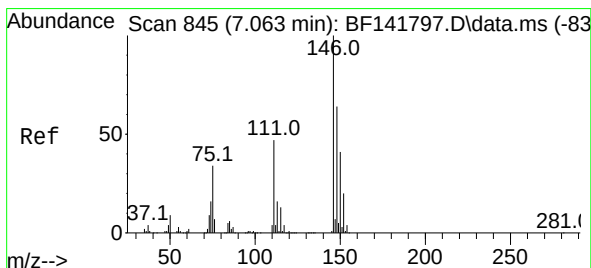
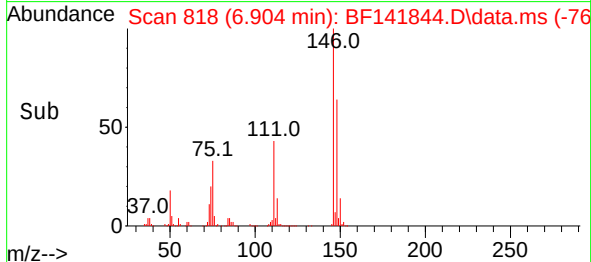
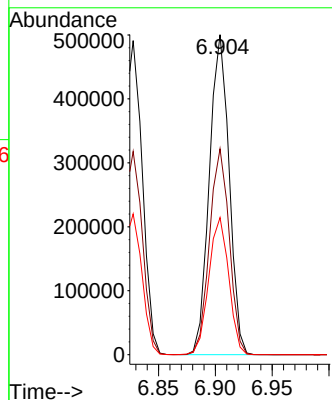
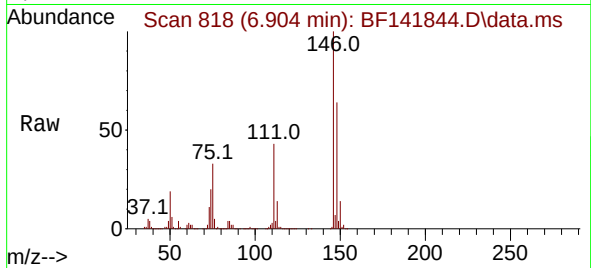




#13
1,4-Dichlorobenzene
Concen: 43.087 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

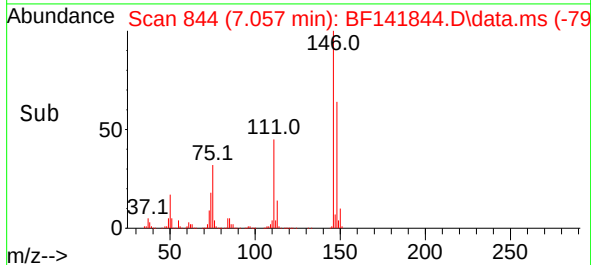
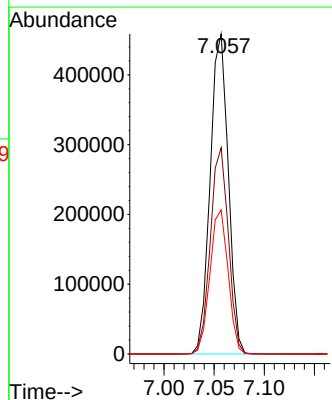
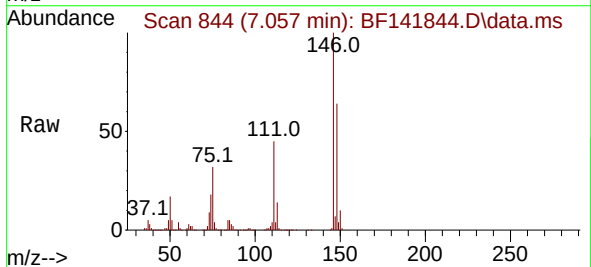
Instrument :
BNA_F
ClientSampleId :
DN-B-42MS

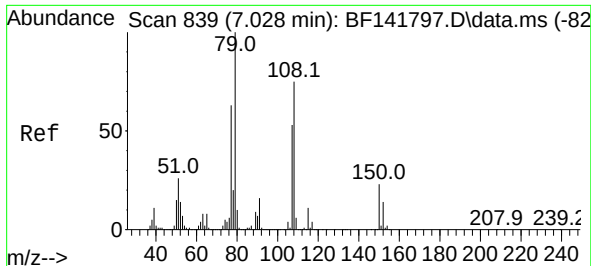
Tgt Ion:146 Resp: 605338
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
111 42.9 35.5 53.3



#14
1,2-Dichlorobenzene
Concen: 44.019 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

Tgt Ion:146 Resp: 577487
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
111 45.0 37.8 56.6

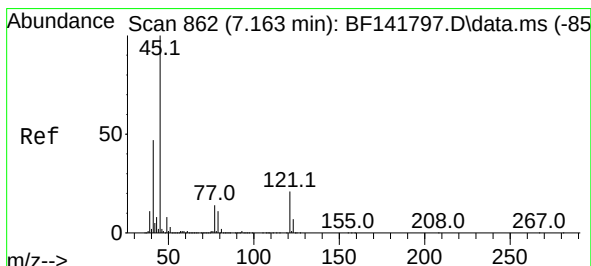
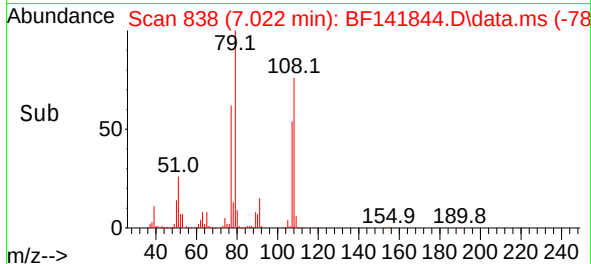
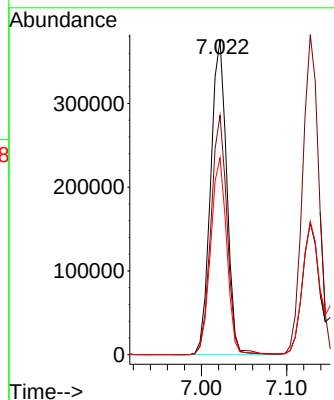
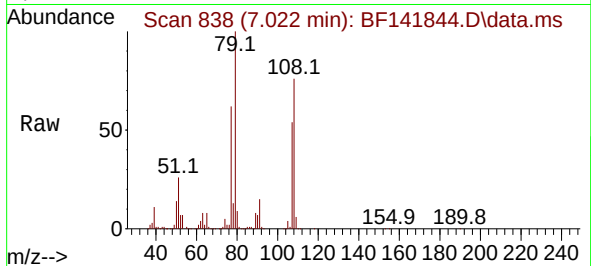




#15
Benzyl Alcohol
Concen: 39.376 ng
RT: 7.022 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

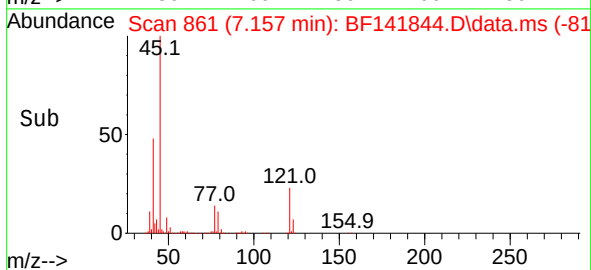
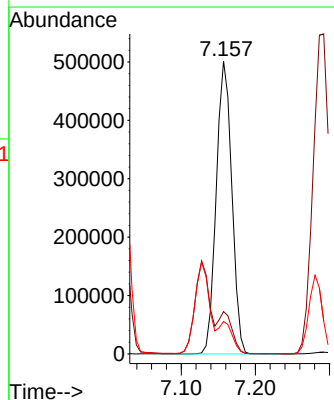
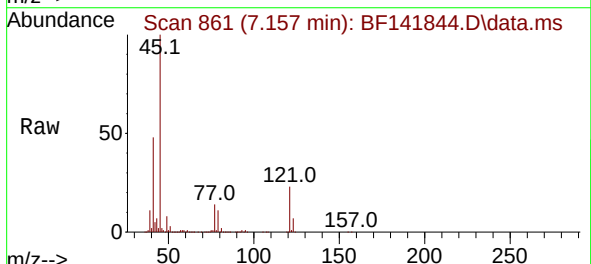
Instrument :
BNA_F
ClientSampleId :
DN-B-42MS

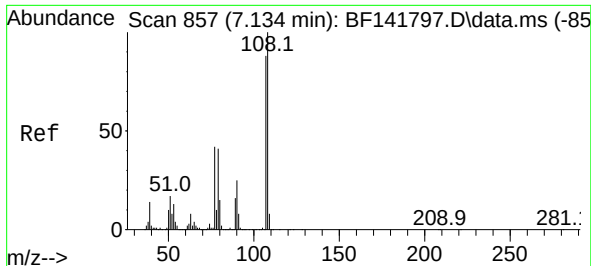
Tgt Ion: 79 Resp: 492984
Ion Ratio Lower Upper
79 100
108 75.9 60.2 90.2
77 62.4 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.645 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

Tgt Ion: 45 Resp: 729509
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.4
79 11.1 0.0 30.9

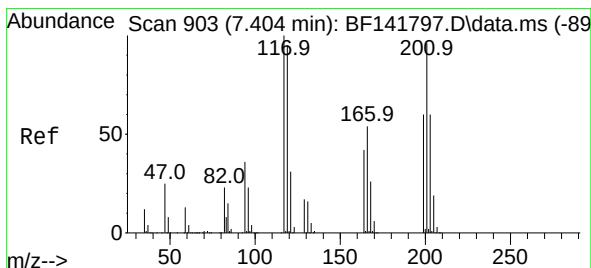
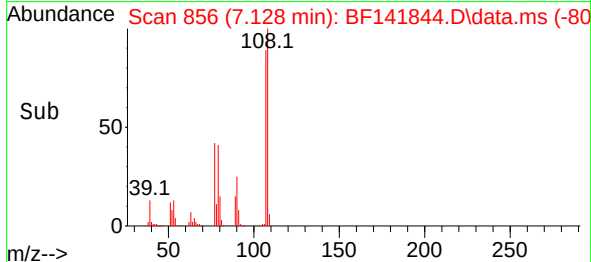
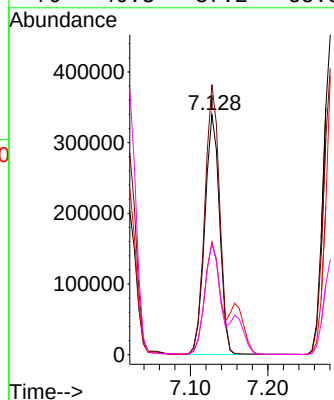
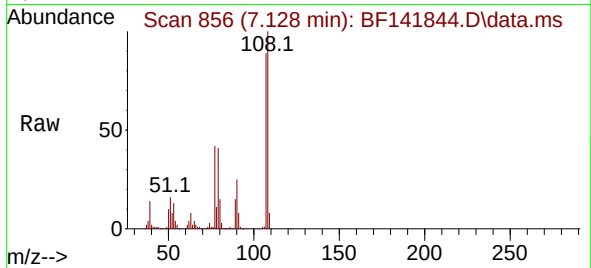




#17
2-Methylphenol
Concen: 41.743 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

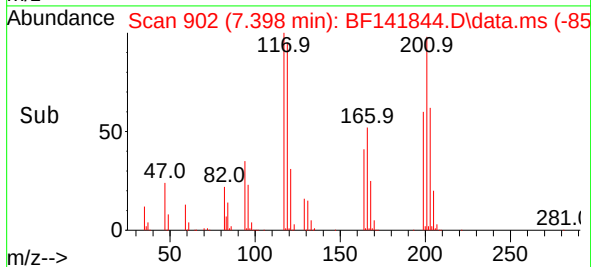
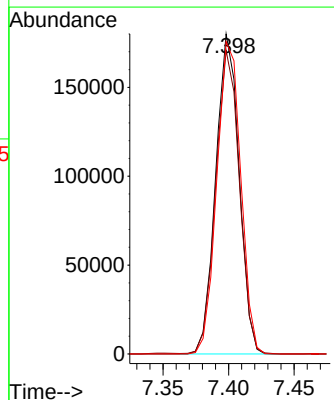
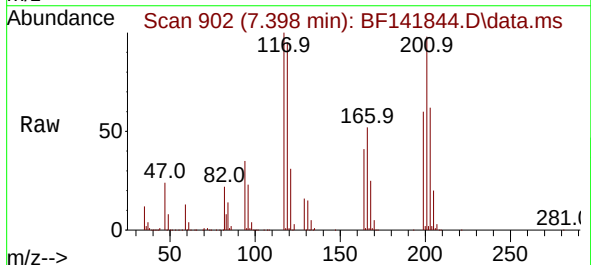
Instrument :
BNA_F
ClientSampleId :
DN-B-42MS

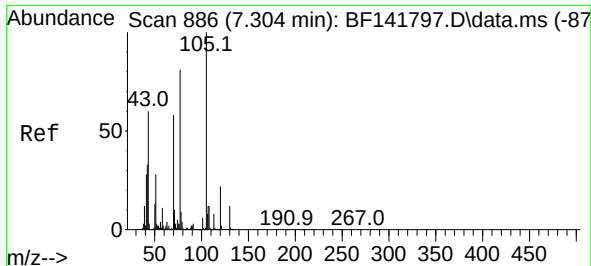
Tgt Ion:107 Resp: 448607
Ion Ratio Lower Upper
107 100
108 112.5 90.6 135.8
77 46.9 37.7 56.5
79 46.3 37.2 55.8



#18
Hexachloroethane
Concen: 42.419 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

Tgt Ion:117 Resp: 223054
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8
201 97.6 76.7 115.1





#19

n-Nitroso-di-n-propylamine

Concen: 37.380 ng

RT: 7.292 min Scan# 884

Delta R.T. -0.012 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

Tgt Ion: 70 Resp: 384941

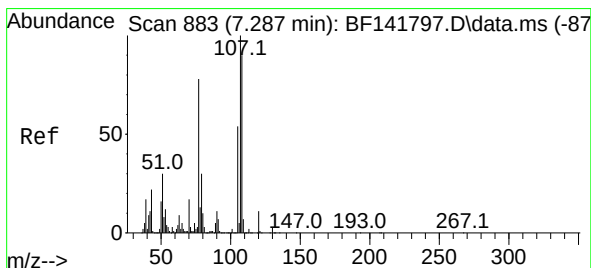
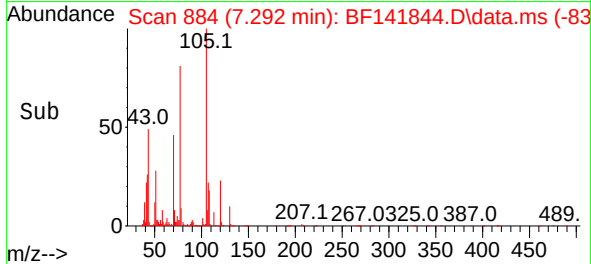
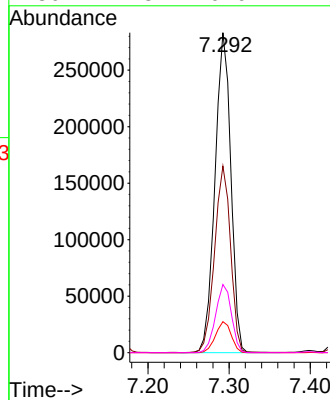
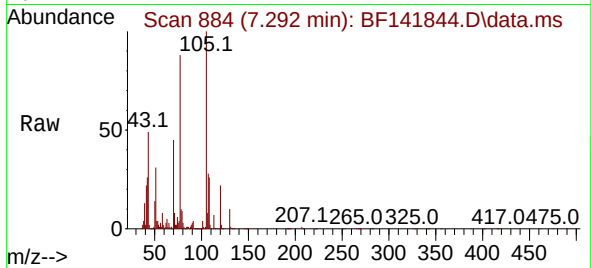
Ion Ratio Lower Upper

70 100

42 58.3 45.4 68.0

101 9.7 7.8 11.8

130 21.3 16.6 24.8



#20

3+4-Methylphenols

Concen: 42.489 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Tgt Ion:107 Resp: 568592

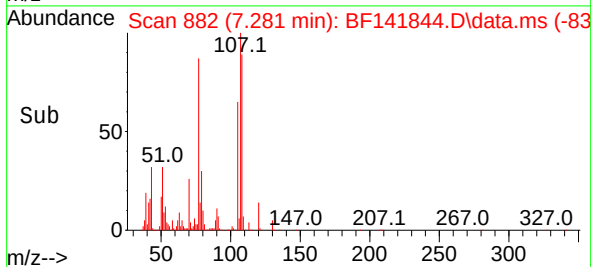
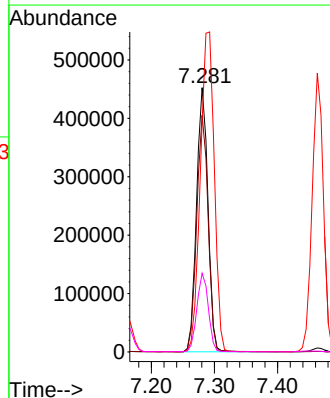
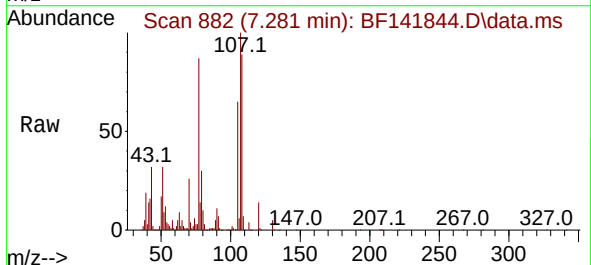
Ion Ratio Lower Upper

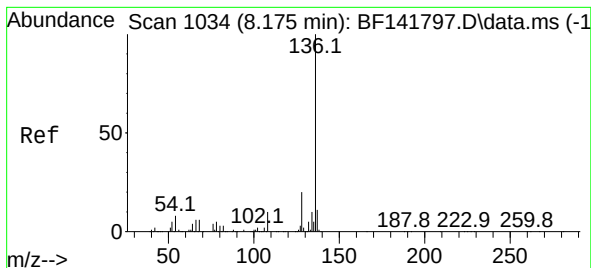
107 100

108 89.5 69.7 109.7

77 87.2 58.3 98.3

79 29.8 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: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

Tgt Ion:136 Resp: 734232

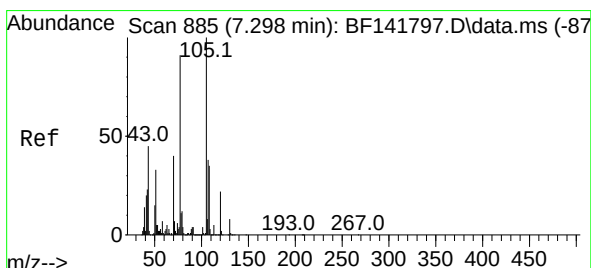
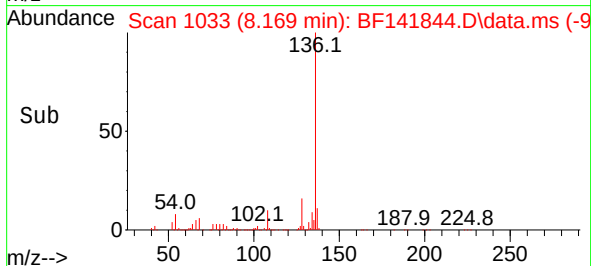
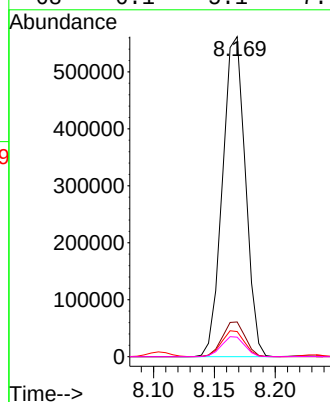
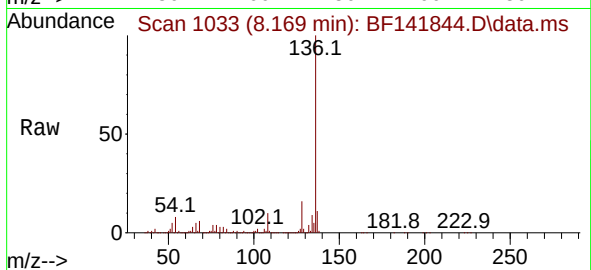
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.9 6.9 10.3

68 6.1 5.1 7.7



#22

Acetophenone

Concen: 46.254 ng

RT: 7.292 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Tgt Ion:105 Resp: 827134

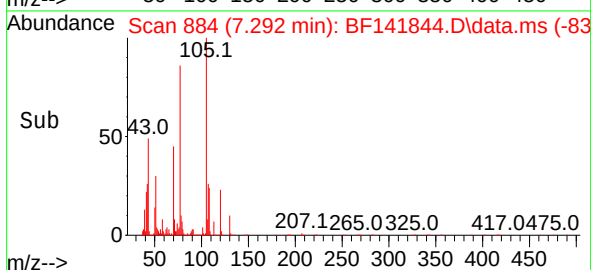
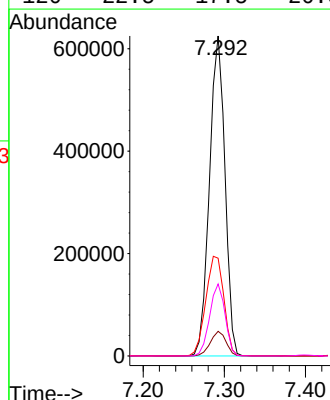
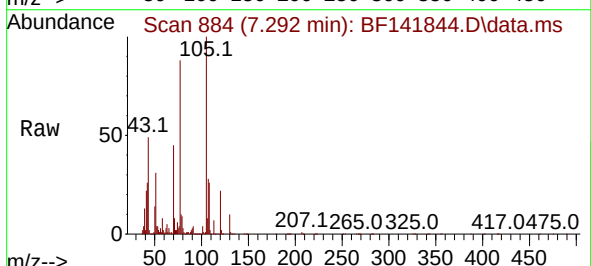
Ion Ratio Lower Upper

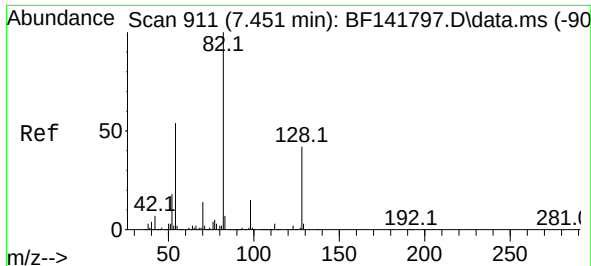
105 100

71 7.7 5.4 8.0

51 30.6 26.1 39.1

120 22.5 17.5 26.3





#23

Nitrobenzene-d5

Concen: 87.407 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

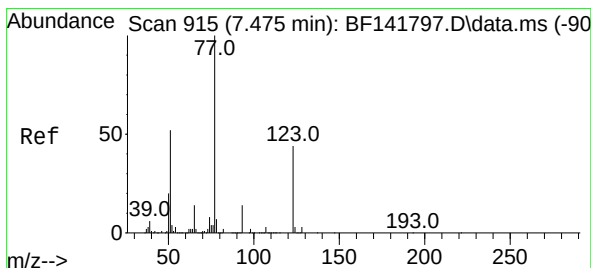
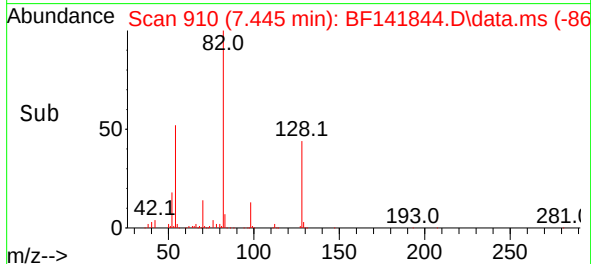
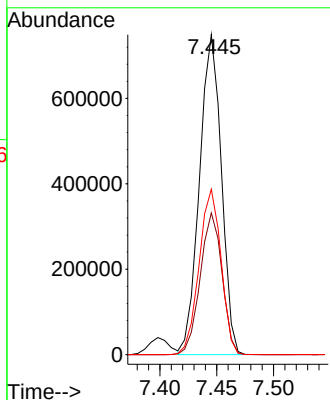
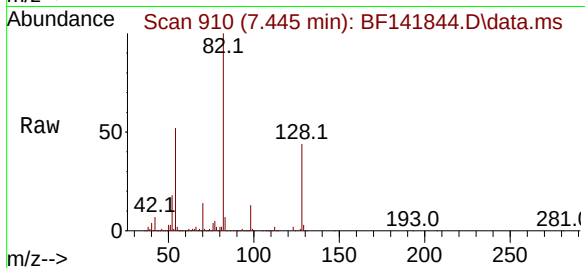
Tgt Ion: 82 Resp: 1004018

Ion Ratio Lower Upper

82 100

128 44.3 33.5 50.3

54 51.7 42.7 64.1



#24

Nitrobenzene

Concen: 47.838 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

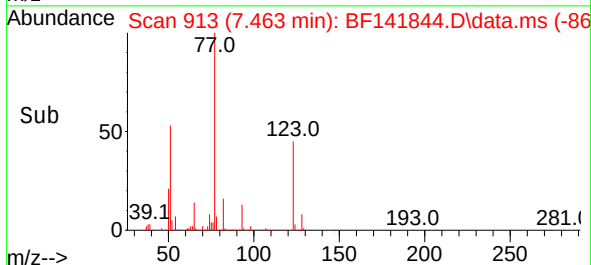
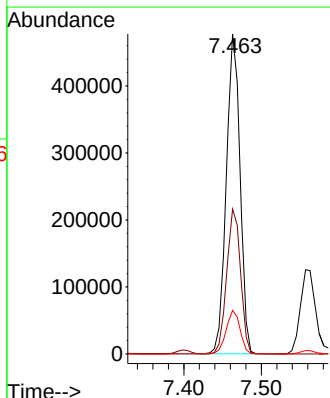
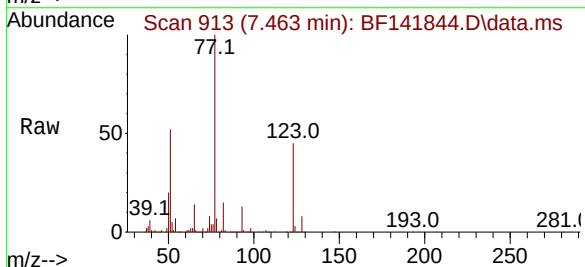
Tgt Ion: 77 Resp: 588435

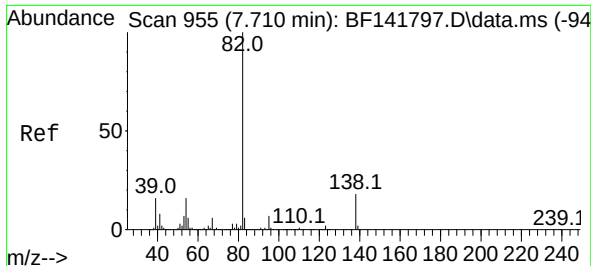
Ion Ratio Lower Upper

77 100

123 45.3 35.8 53.8

65 13.6 11.2 16.8

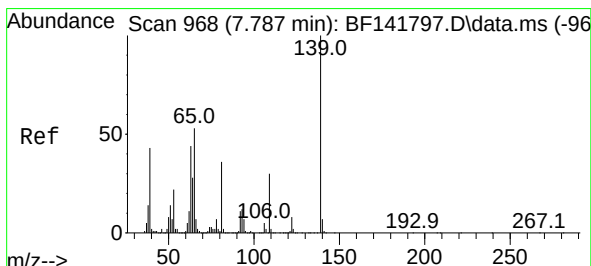
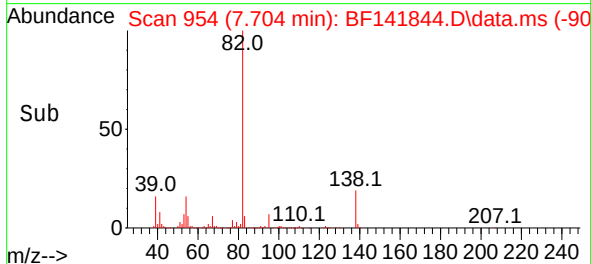
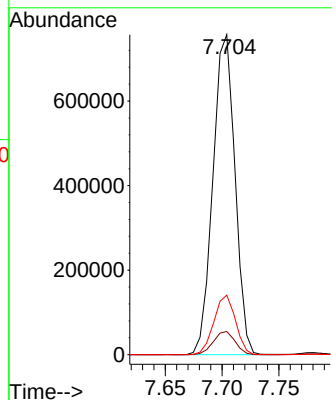
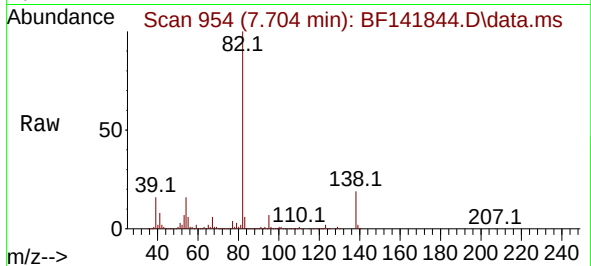




#25
Isophorone
Concen: 41.482 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

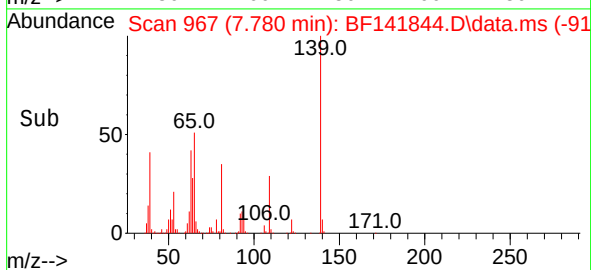
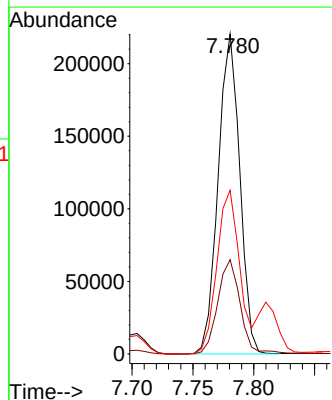
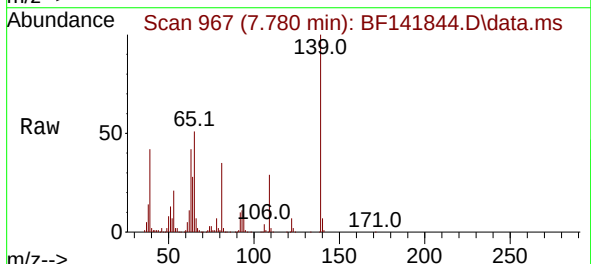
Instrument :
BNA_F
ClientSampleId :
DN-B-42MS

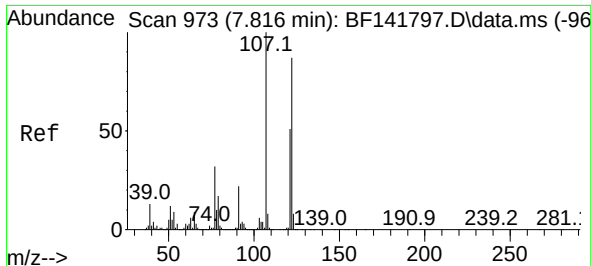
Tgt Ion: 82 Resp: 1023670
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 18.6 14.0 21.0



#26
2-Nitrophenol
Concen: 49.470 ng
RT: 7.780 min Scan# 967
Delta R.T. -0.007 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

Tgt Ion:139 Resp: 272681
Ion Ratio Lower Upper
139 100
109 29.5 24.1 36.1
65 51.2 42.3 63.5

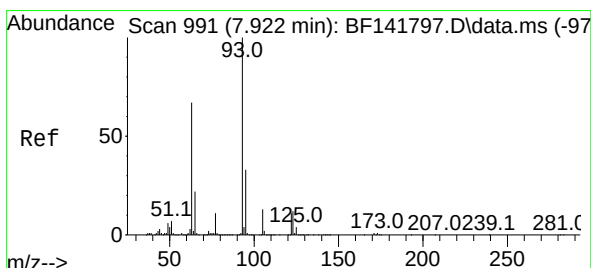
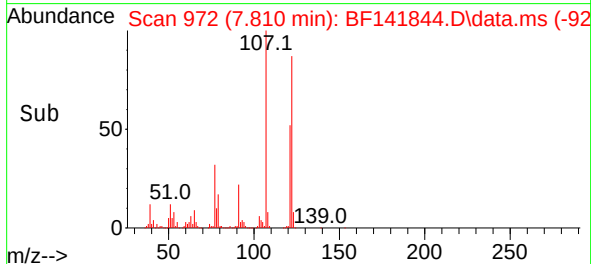
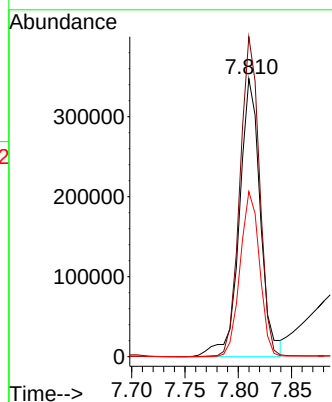
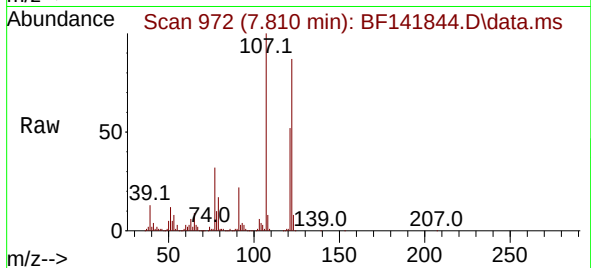




#27
2,4-Dimethylphenol
Concen: 52.462 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

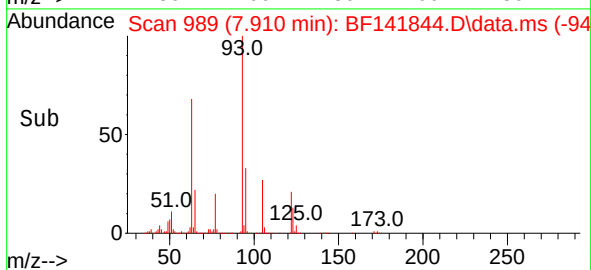
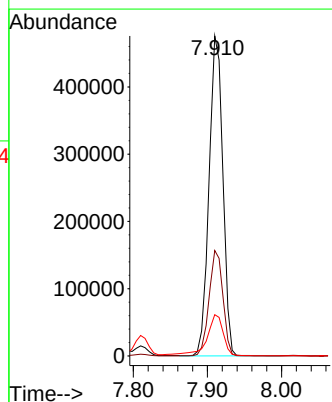
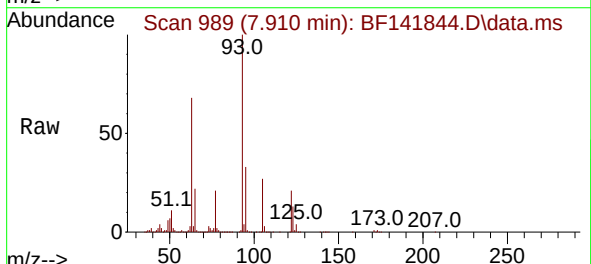
Instrument :
BNA_F
ClientSampleId :
DN-B-42MS

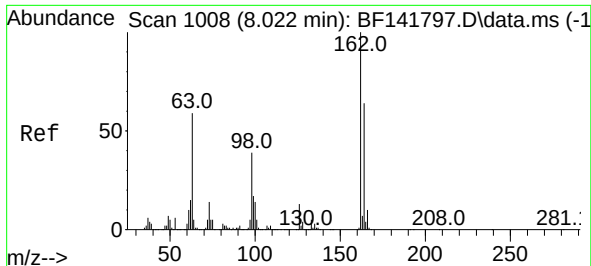
Tgt Ion:122 Resp: 475901
Ion Ratio Lower Upper
122 100
107 115.1 92.5 138.7
121 59.4 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 39.071 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

Tgt Ion: 93 Resp: 615055
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 12.9 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 42.337 ng

RT: 8.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

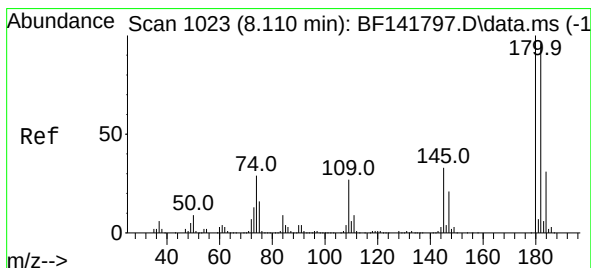
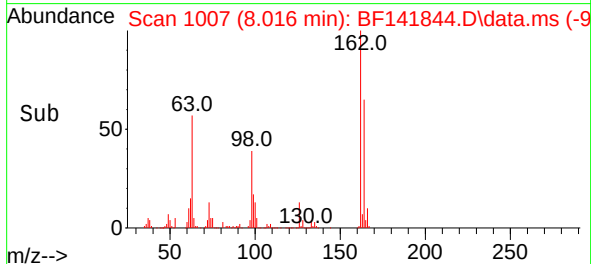
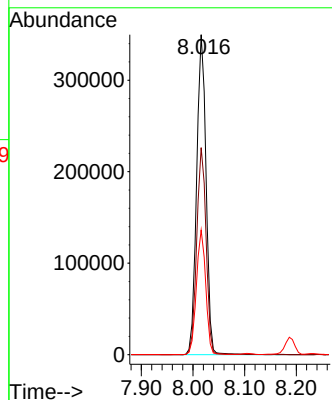
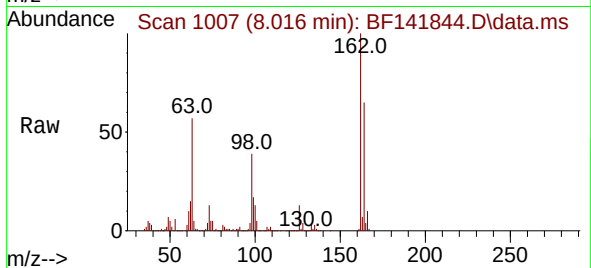
Tgt Ion:162 Resp: 443054

Ion Ratio Lower Upper

162 100

164 64.7 44.3 84.3

98 39.0 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 42.221 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

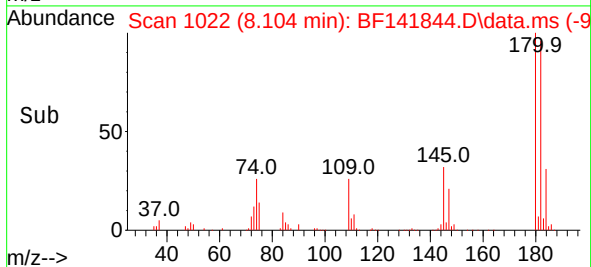
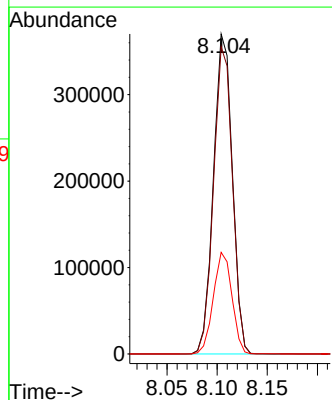
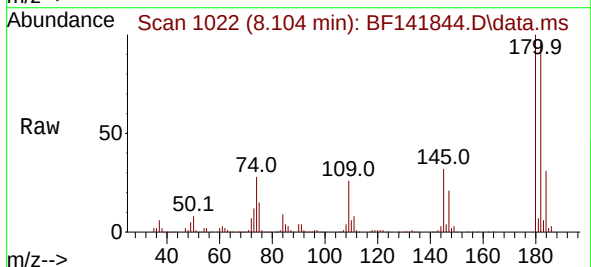
Tgt Ion:180 Resp: 484159

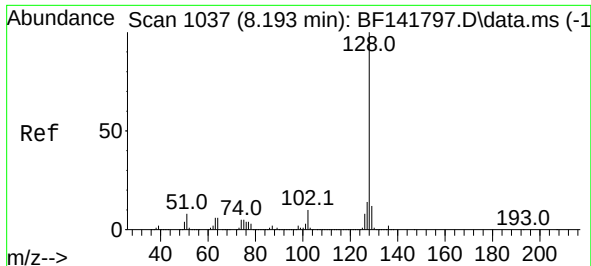
Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

145 31.8 26.4 39.6

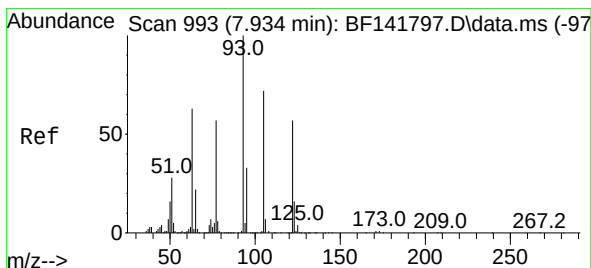
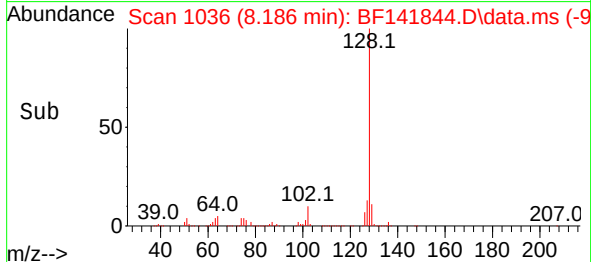
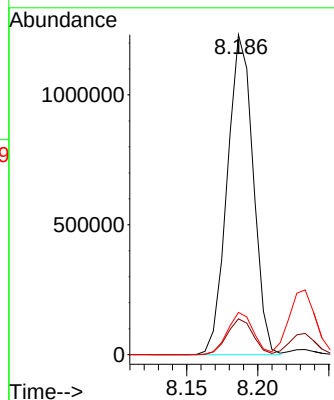
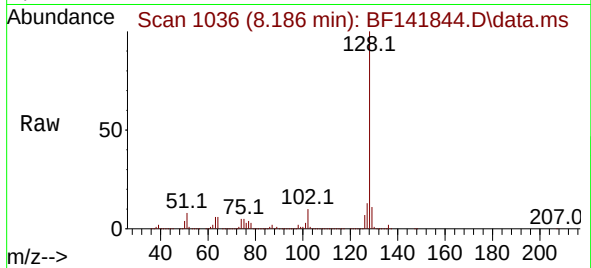




#31
Naphthalene
Concen: 41.484 ng
RT: 8.186 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

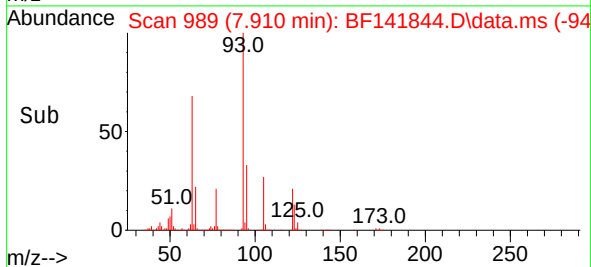
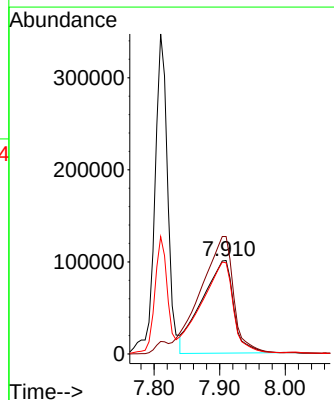
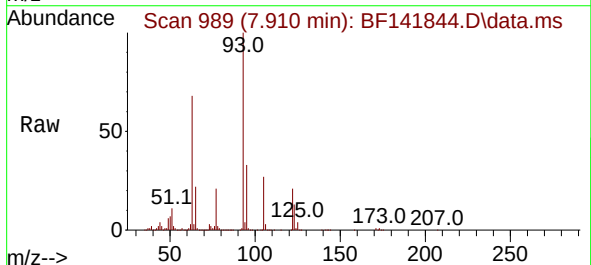
Instrument :
BNA_F
ClientSampleId :
DN-B-42MS

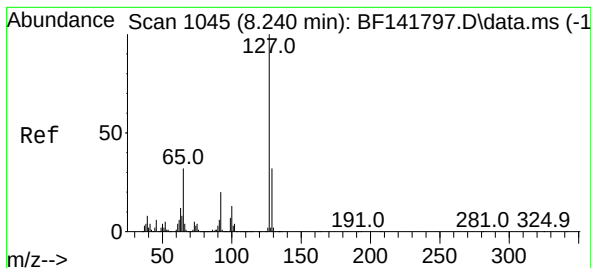
Tgt Ion:128 Resp: 1565470
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.2 11.0 16.4



#32
Benzoic acid
Concen: 45.590 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.024 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

Tgt Ion:122 Resp: 341693
Ion Ratio Lower Upper
122 100
105 125.6 105.8 145.8
77 97.6 79.9 119.9





#33

4-Chloroaniline

Concen: 24.016 ng

RT: 8.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

Tgt Ion:127 Resp: 332297

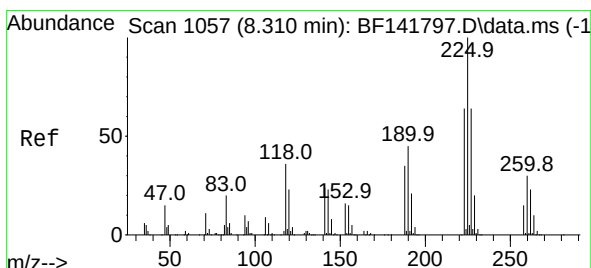
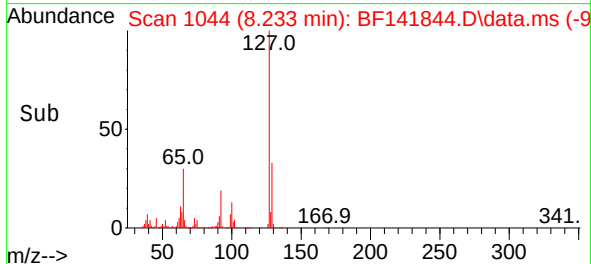
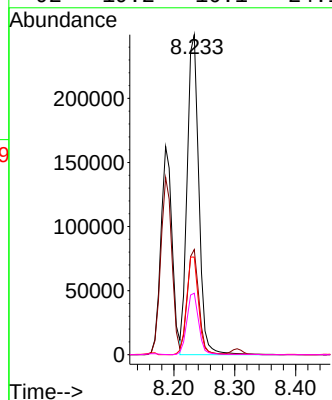
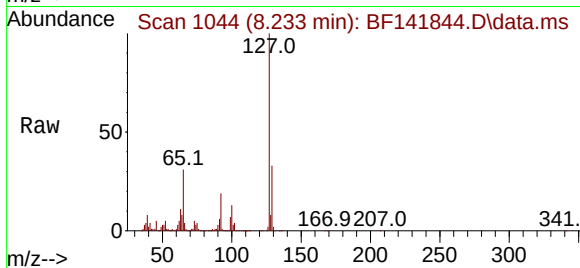
Ion Ratio Lower Upper

127 100

129 32.9 26.1 39.1

65 30.5 25.7 38.5

92 19.2 16.1 24.1



#34

Hexachlorobutadiene

Concen: 42.314 ng

RT: 8.304 min Scan# 1056

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

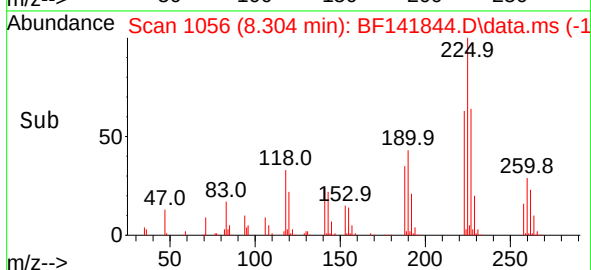
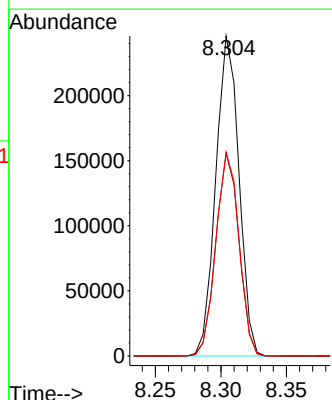
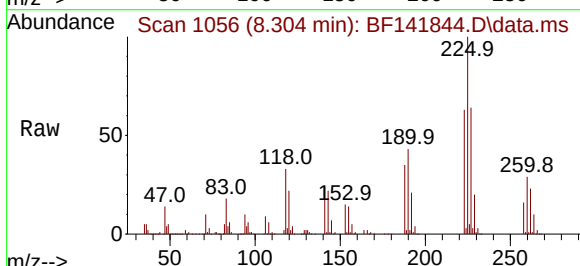
Tgt Ion:225 Resp: 301524

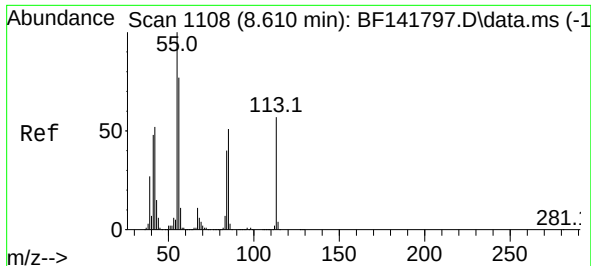
Ion Ratio Lower Upper

225 100

223 63.2 51.4 77.2

227 63.7 51.6 77.4





#35

Caprolactam

Concen: 51.511 ng

RT: 8.592 min Scan# 1105

Delta R.T. -0.018 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

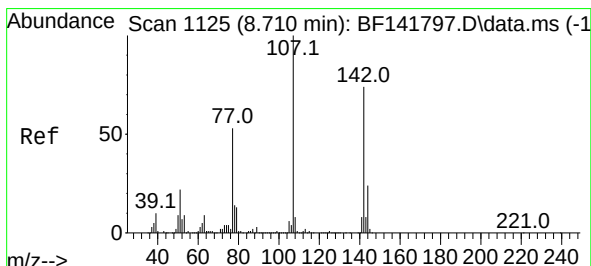
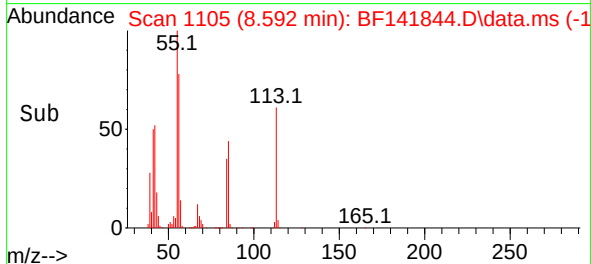
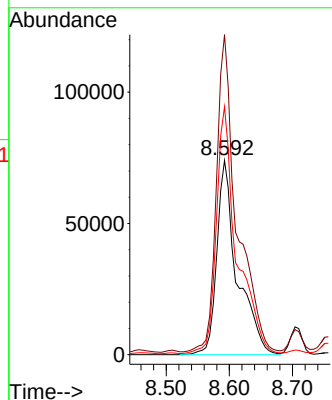
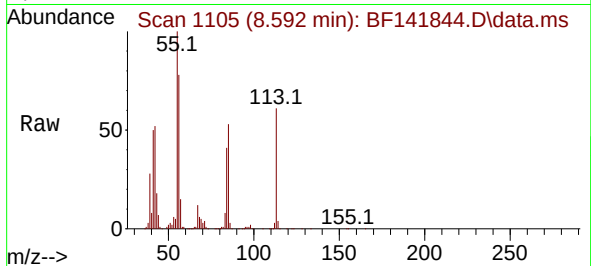
Tgt Ion:113 Resp: 165832

Ion Ratio Lower Upper

113 100

55 164.7 155.6 195.6

56 127.6 114.6 154.6



#36

4-Chloro-3-methylphenol

Concen: 41.065 ng

RT: 8.704 min Scan# 1124

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

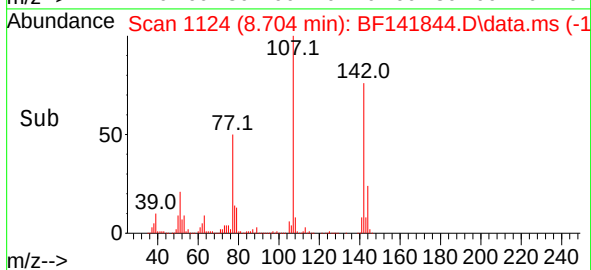
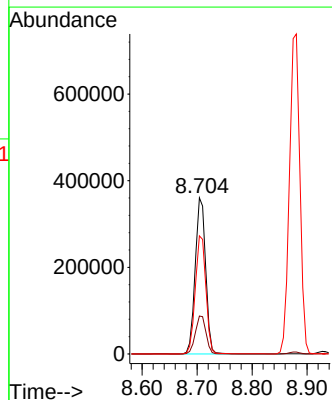
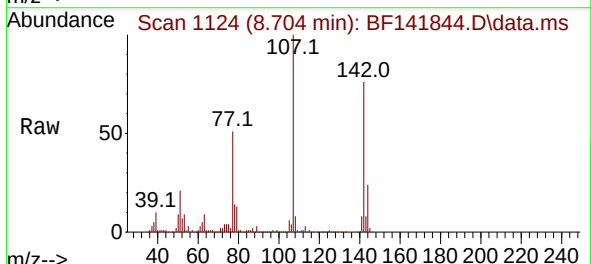
Tgt Ion:107 Resp: 477385

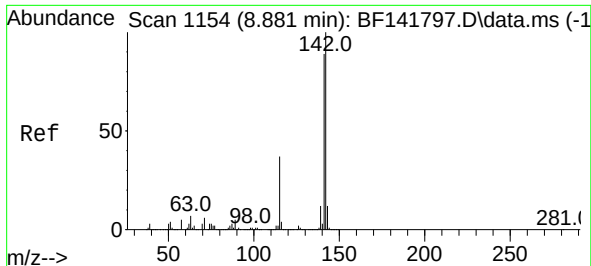
Ion Ratio Lower Upper

107 100

144 24.3 19.4 29.0

142 75.6 59.4 89.0

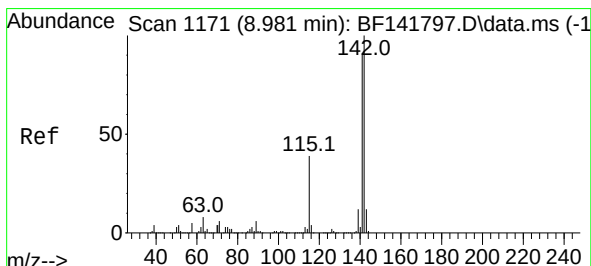
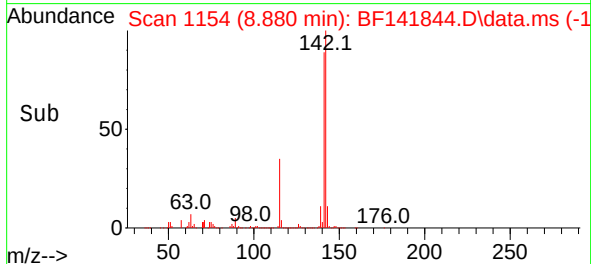
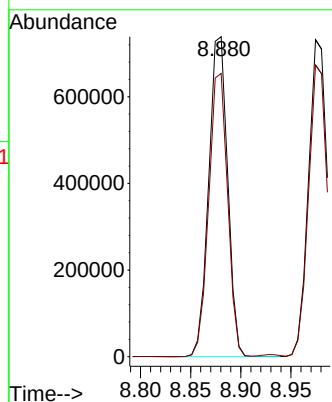
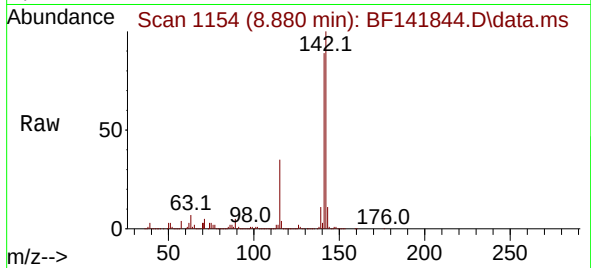




#37
2-Methylnaphthalene
Concen: 39.255 ng
RT: 8.880 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

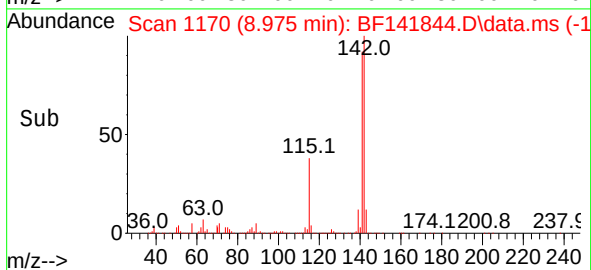
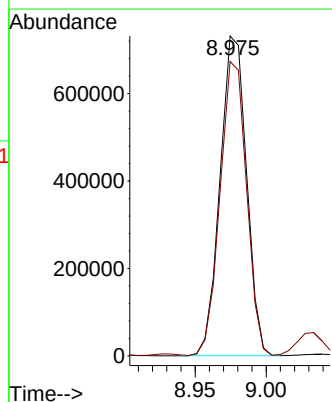
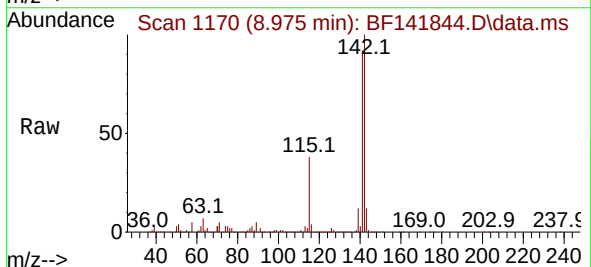
Instrument :
BNA_F
ClientSampleId :
DN-B-42MS

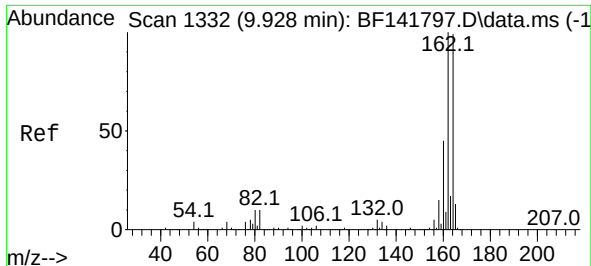
Tgt Ion:142 Resp: 971643
Ion Ratio Lower Upper
142 100
141 88.5 71.1 106.7



#38
1-Methylnaphthalene
Concen: 39.973 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

Tgt Ion:142 Resp: 949369
Ion Ratio Lower Upper
142 100
141 92.0 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

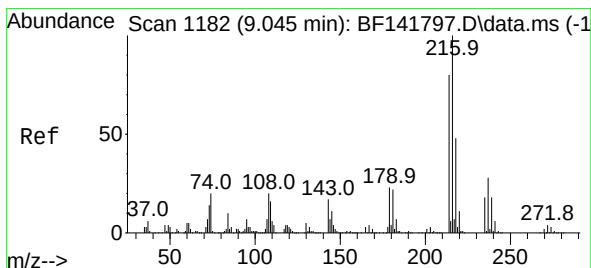
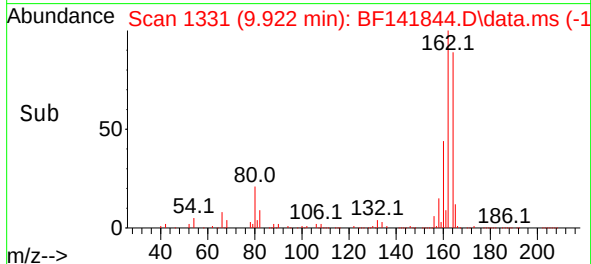
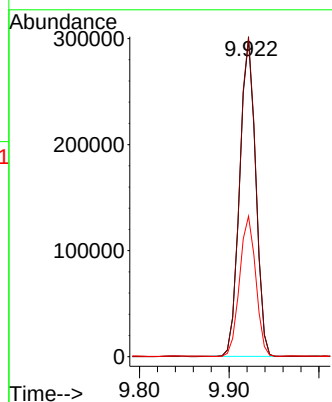
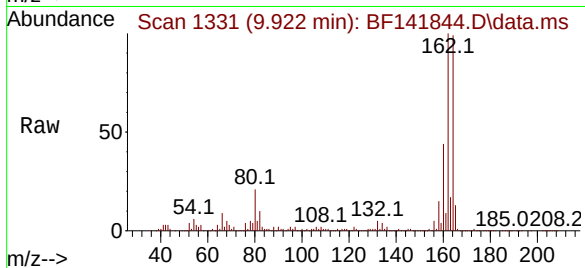
Tgt Ion:164 Resp: 370025

Ion Ratio Lower Upper

164 100

162 101.0 80.6 120.8

160 44.3 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.211 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Tgt Ion:216 Resp: 515221

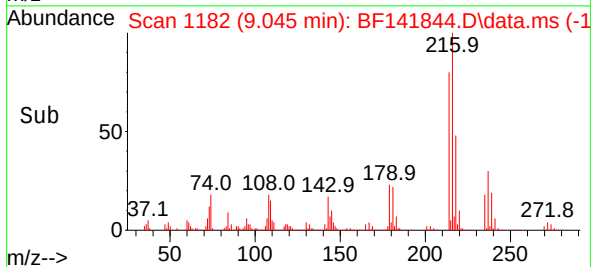
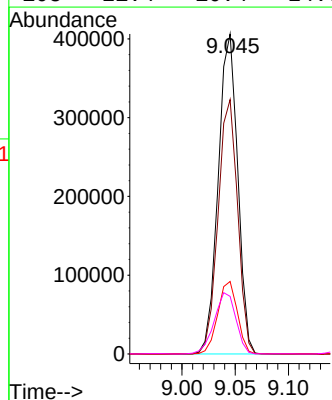
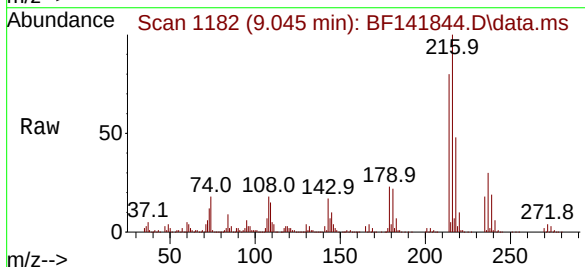
Ion Ratio Lower Upper

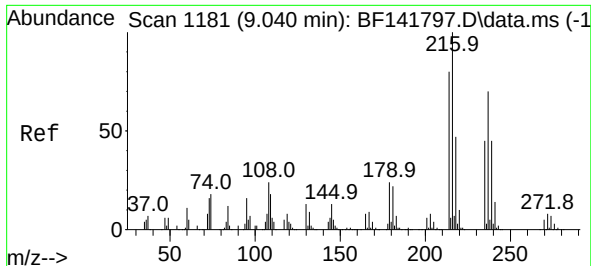
216 100

214 79.6 63.5 95.3

179 23.0 18.1 27.1

108 21.4 16.4 24.6

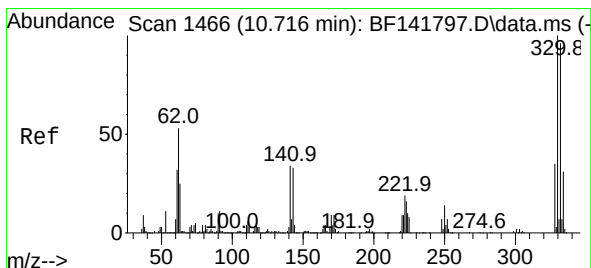
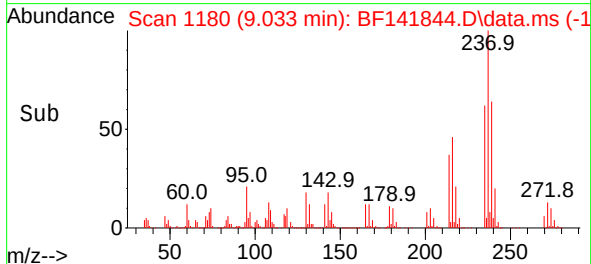
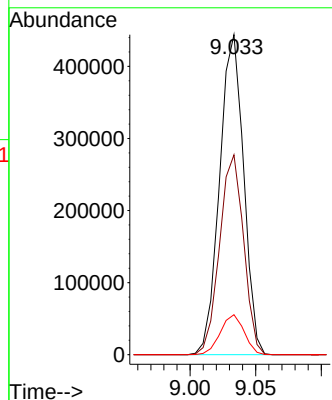
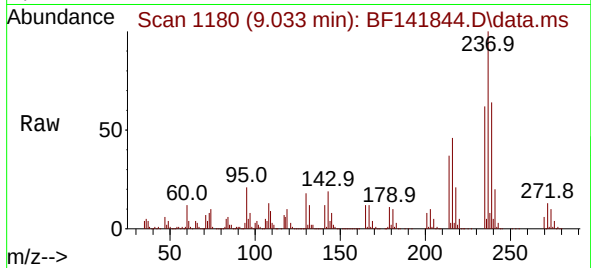




#41
Hexachlorocyclopentadiene
Concen: 126.697 ng
RT: 9.033 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

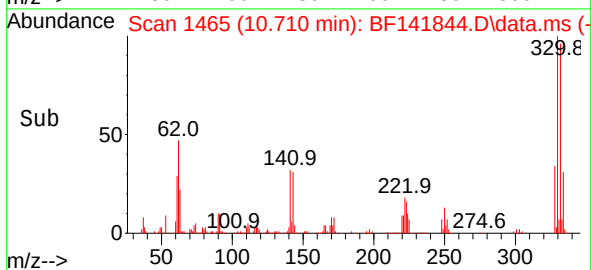
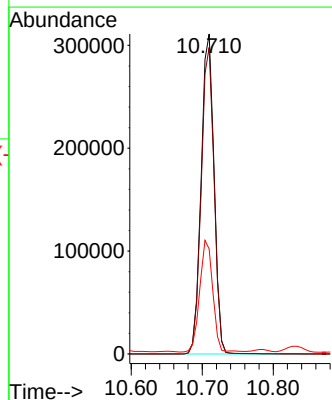
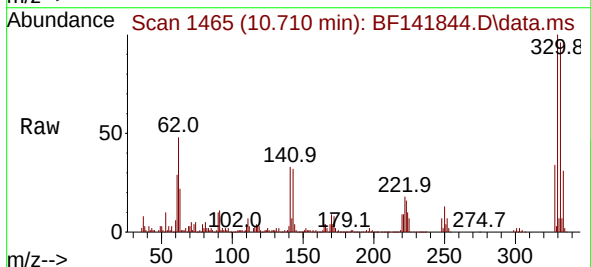
Instrument :
BNA_F
ClientSampleId :
DN-B-42MS

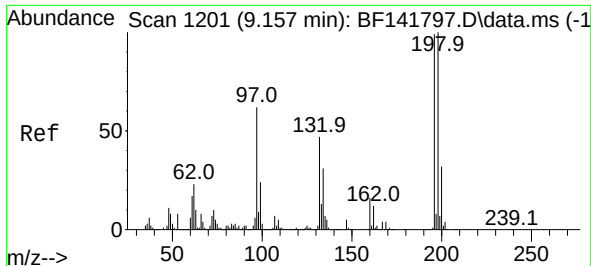
Tgt Ion:237 Resp: 565053
Ion Ratio Lower Upper
237 100
235 62.5 43.3 83.3
272 12.5 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 113.326 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

Tgt Ion:330 Resp: 393680
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 35.4 29.0 43.4





#43

2,4,6-Trichlorophenol

Concen: 45.449 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

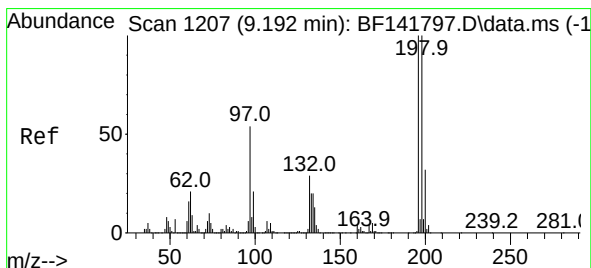
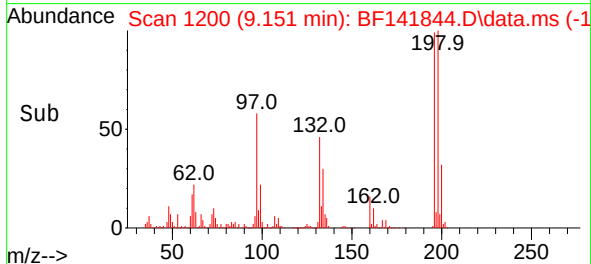
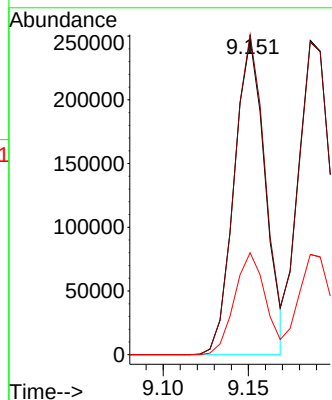
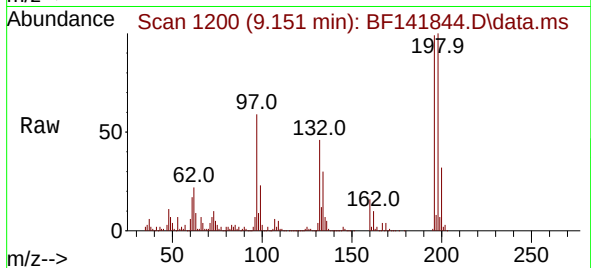
Tgt Ion:196 Resp: 313746

Ion Ratio Lower Upper

196 100

198 101.4 80.4 120.6

200 32.3 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 47.324 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Tgt Ion:196 Resp: 323494

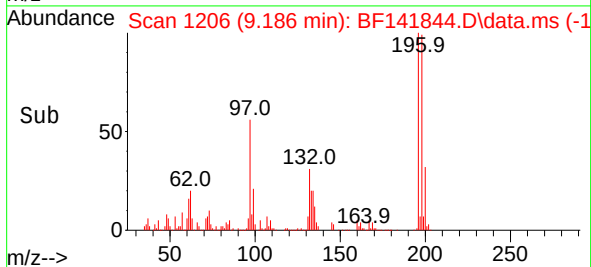
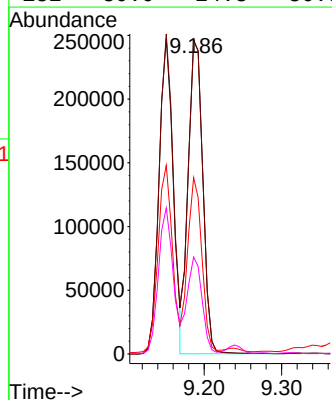
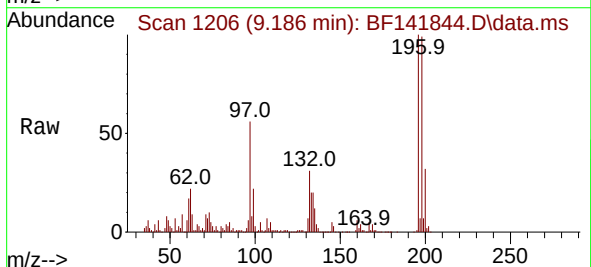
Ion Ratio Lower Upper

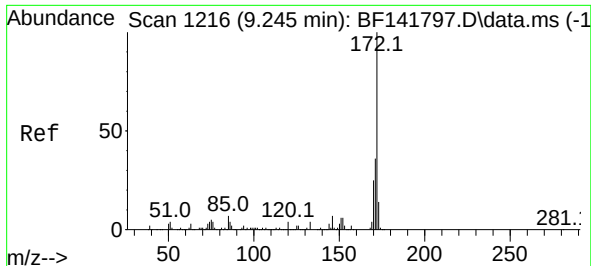
196 100

198 99.5 79.7 119.5

97 56.1 44.2 66.2

132 30.9 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 73.287 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

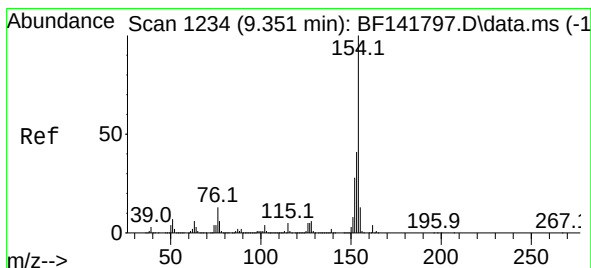
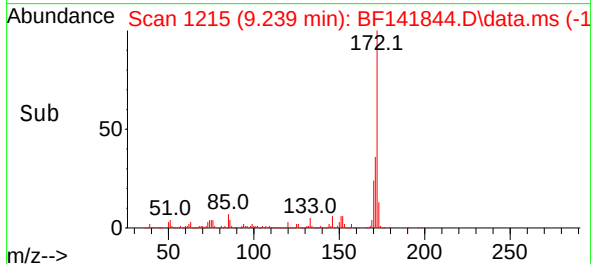
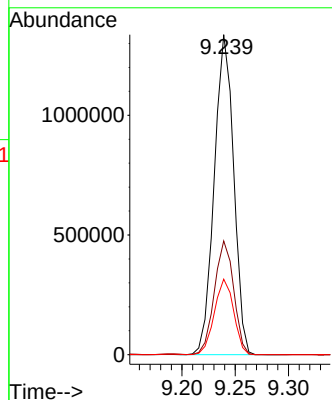
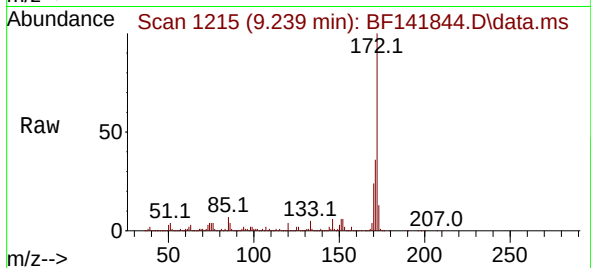
Tgt Ion:172 Resp: 1691234

Ion Ratio Lower Upper

172 100

171 35.5 29.2 43.8

170 23.6 19.7 29.5



#46

1,1'-Biphenyl

Concen: 48.058 ng

RT: 9.339 min Scan# 1232

Delta R.T. -0.012 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

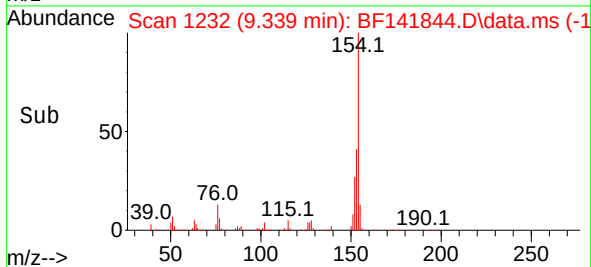
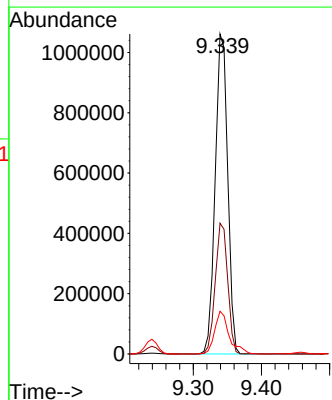
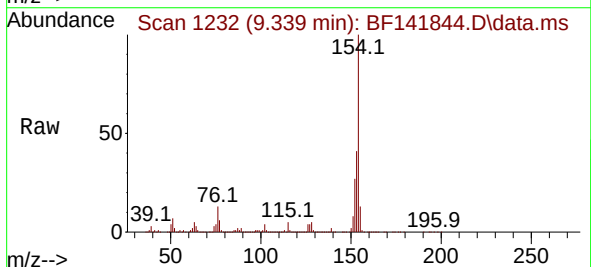
Tgt Ion:154 Resp: 1353556

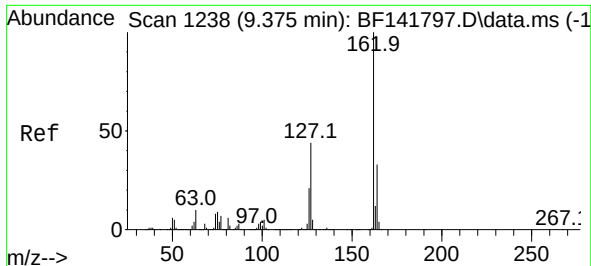
Ion Ratio Lower Upper

154 100

153 40.8 21.4 61.4

76 13.3 0.0 33.4

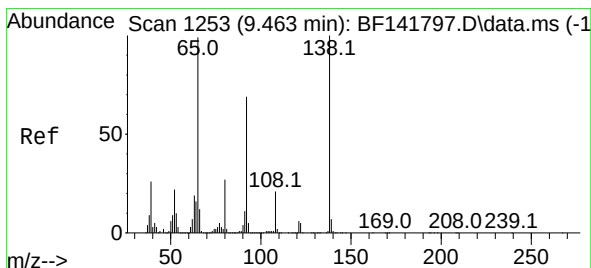
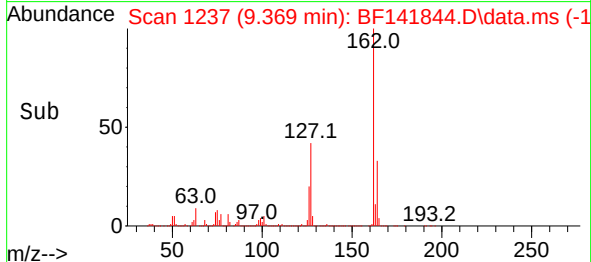
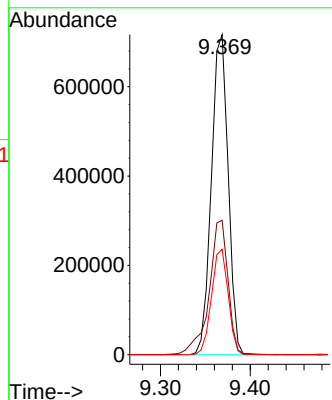
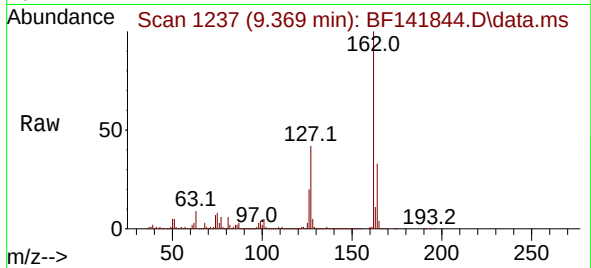




#47
2-Chloronaphthalene
Concen: 44.688 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

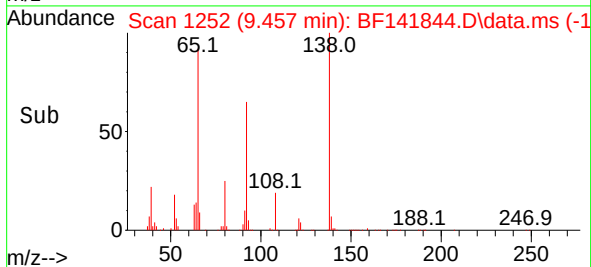
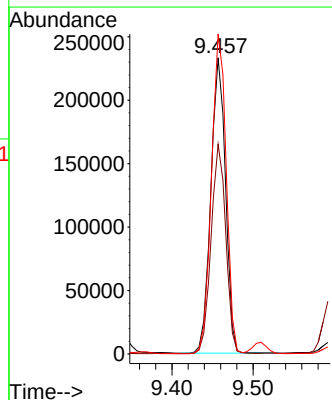
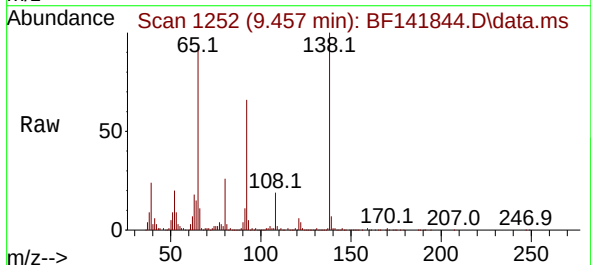
Instrument :
BNA_F
ClientSampleId :
DN-B-42MS

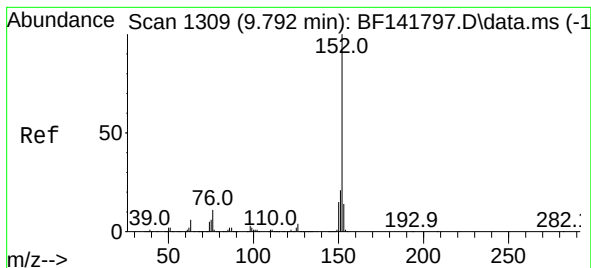
Tgt Ion:162 Resp: 928972
Ion Ratio Lower Upper
162 100
127 42.0 35.0 52.6
164 32.9 26.6 40.0



#48
2-Nitroaniline
Concen: 50.994 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

Tgt Ion: 65 Resp: 291855
Ion Ratio Lower Upper
65 100
92 70.8 55.7 83.5
138 108.0 80.6 121.0





#49

Acenaphthylene

Concen: 45.995 ng

RT: 9.780 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

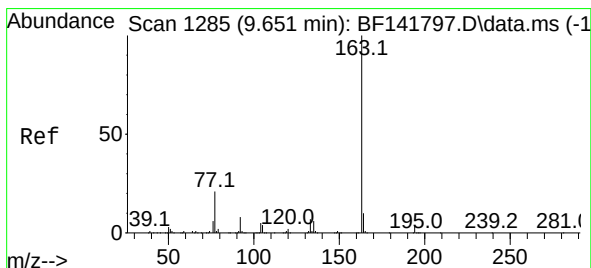
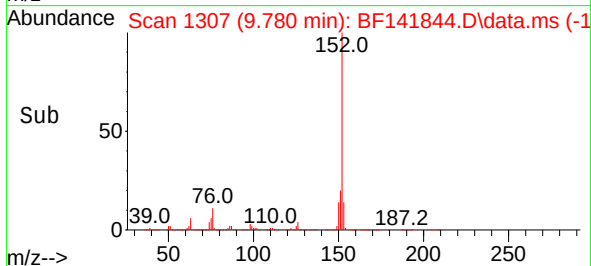
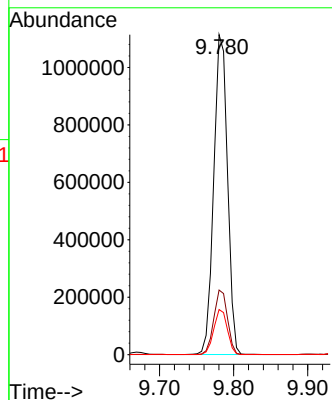
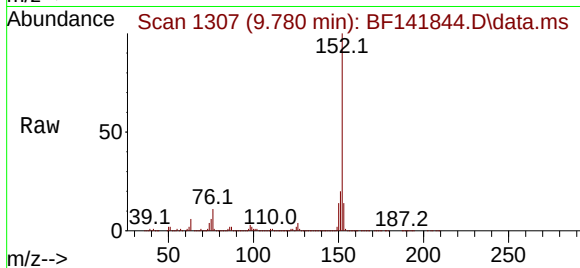
Tgt Ion:152 Resp: 1433535

Ion Ratio Lower Upper

152 100

151 20.2 16.6 24.8

153 14.1 11.2 16.8



#50

Dimethylphthalate

Concen: 42.329 ng

RT: 9.639 min Scan# 1283

Delta R.T. -0.012 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

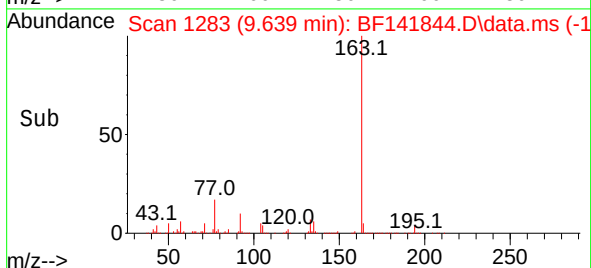
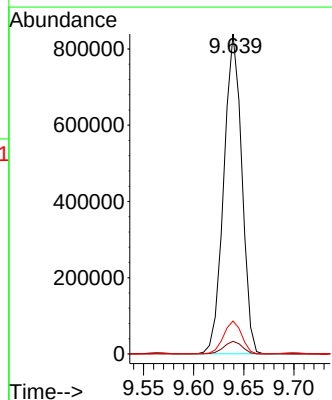
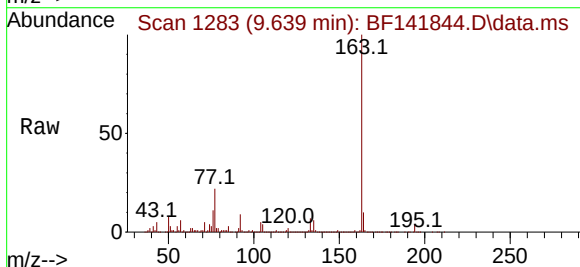
Tgt Ion:163 Resp: 1048895

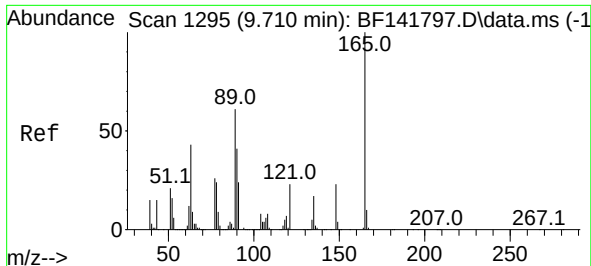
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.3 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 48.952 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.012 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

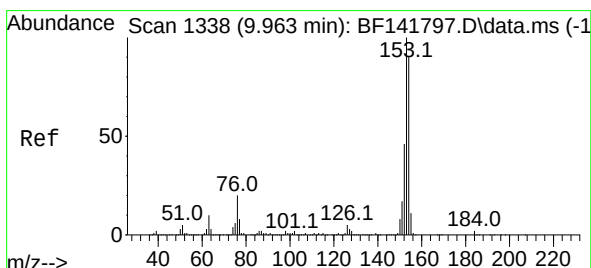
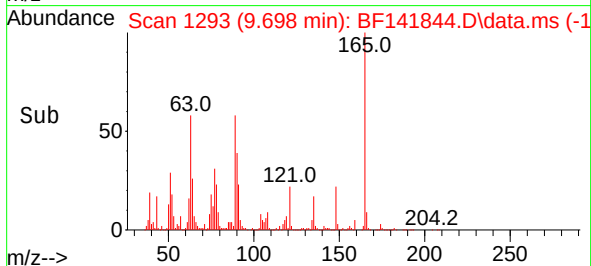
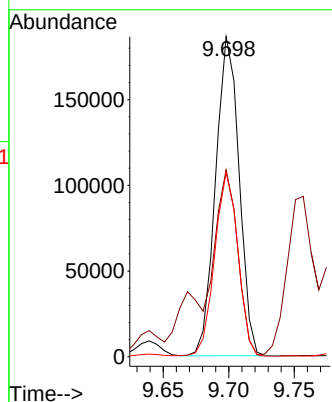
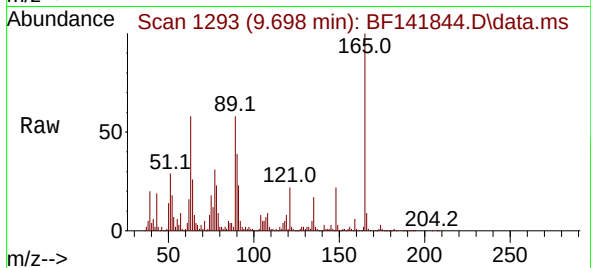
Tgt Ion:165 Resp: 232333

Ion Ratio Lower Upper

165 100

63 58.4 49.5 74.3

89 57.5 49.0 73.4



#52

Acenaphthene

Concen: 45.394 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

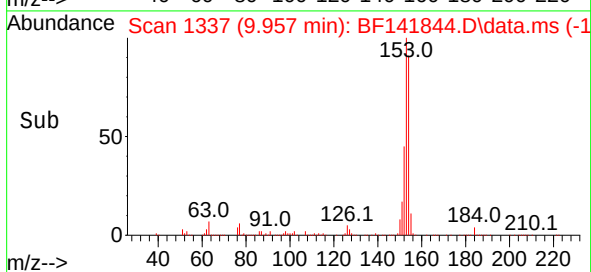
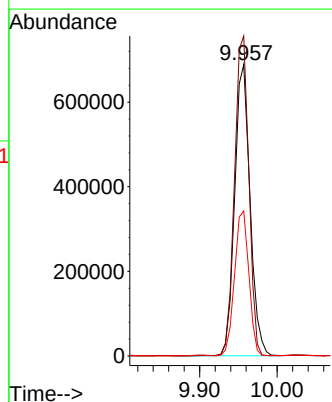
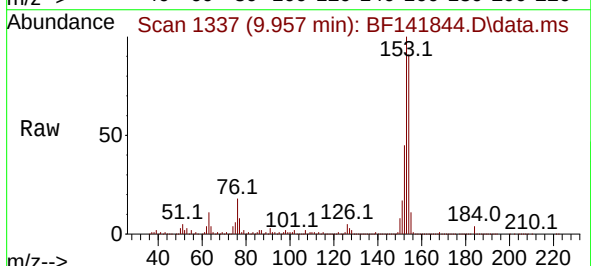
Tgt Ion:154 Resp: 954639

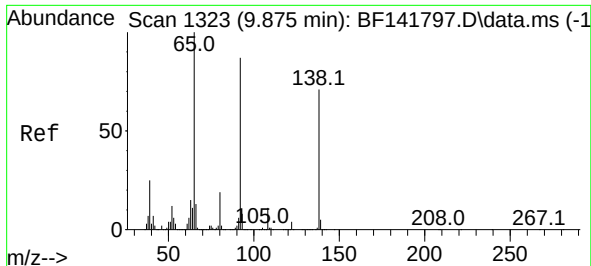
Ion Ratio Lower Upper

154 100

153 109.8 88.7 133.1

152 49.8 40.9 61.3





#53

3-Nitroaniline

Concen: 35.128 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

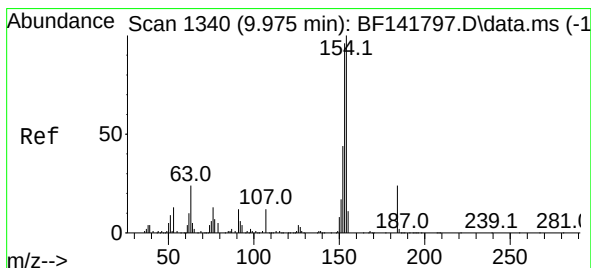
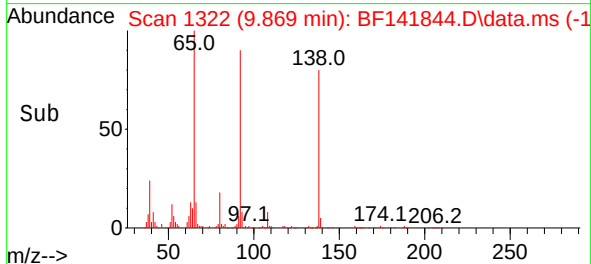
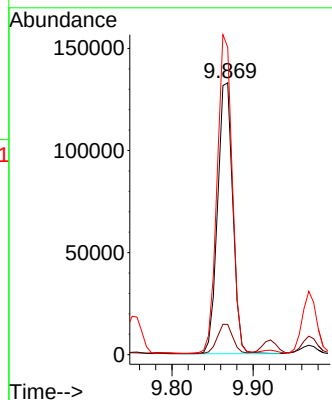
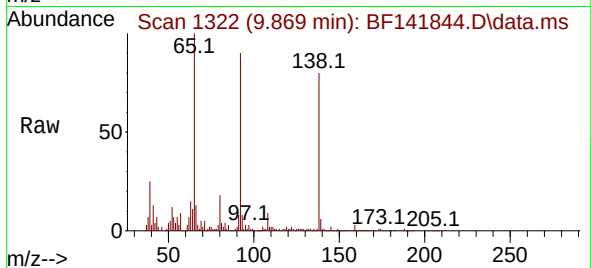
Tgt Ion:138 Resp: 173093

Ion Ratio Lower Upper

138 100

108 11.1 12.7 19.1#

92 113.1 97.9 146.9



#54

2,4-Dinitrophenol

Concen: 70.645 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

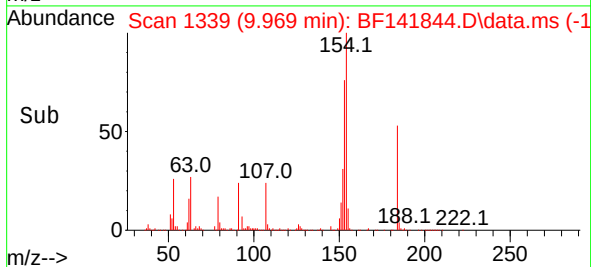
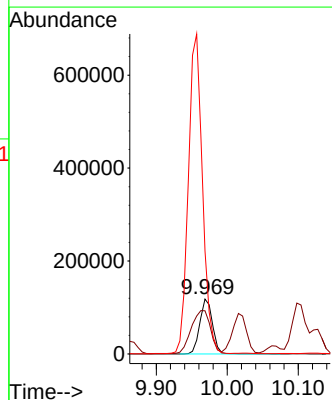
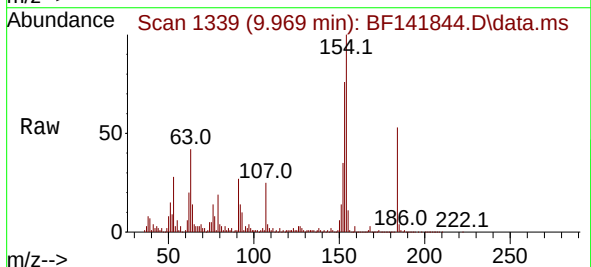
Tgt Ion:184 Resp: 147123

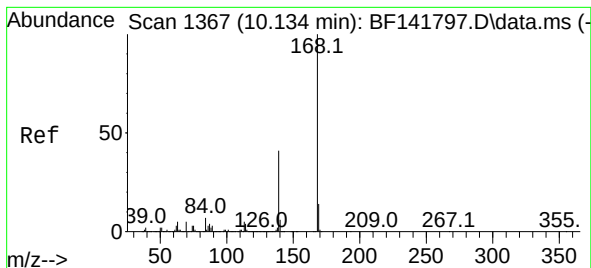
Ion Ratio Lower Upper

184 100

63 78.7 79.0 118.6#

154 187.9 335.8 503.8#





#55

Dibenzenofuran

Concen: 41.477 ng

RT: 10.127 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

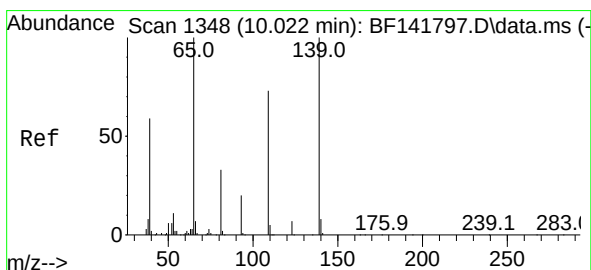
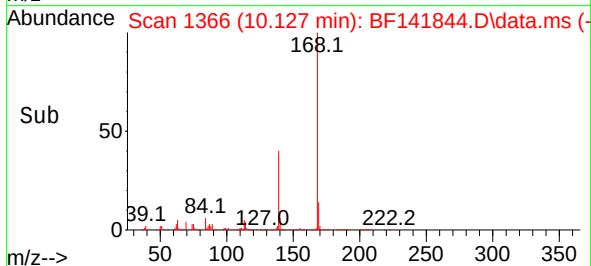
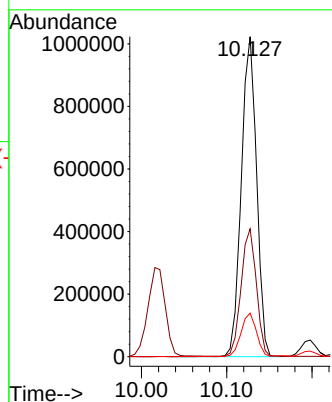
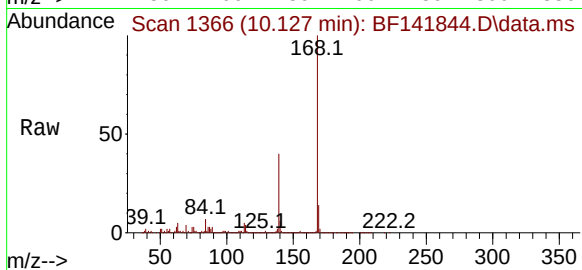
Tgt Ion:168 Resp: 1269599

Ion Ratio Lower Upper

168 100

139 39.9 32.9 49.3

169 13.6 11.1 16.7



#56

4-Nitrophenol

Concen: 109.840 ng

RT: 10.016 min Scan# 1347

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

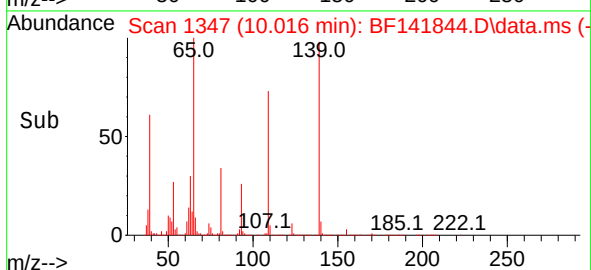
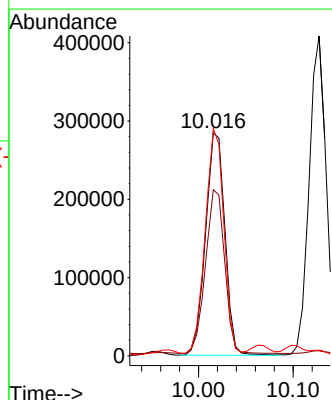
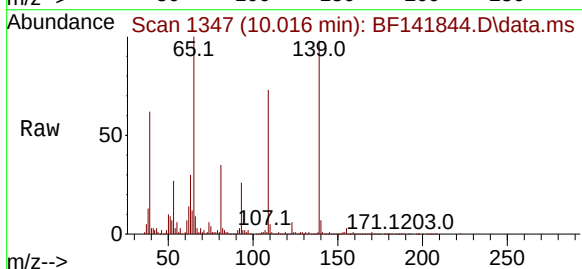
Tgt Ion:139 Resp: 401998

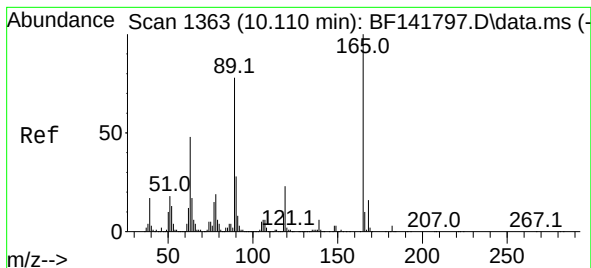
Ion Ratio Lower Upper

139 100

109 74.6 53.4 93.4

65 102.0 82.1 122.1

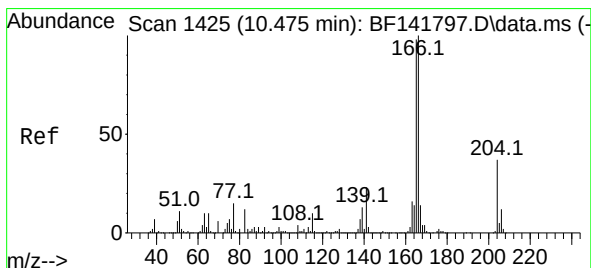
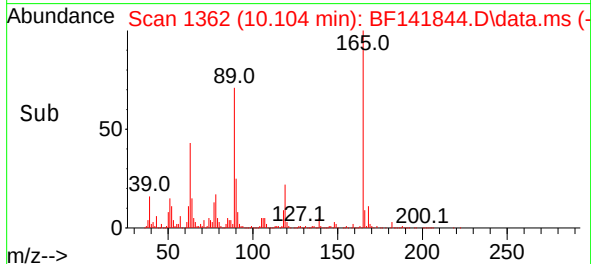
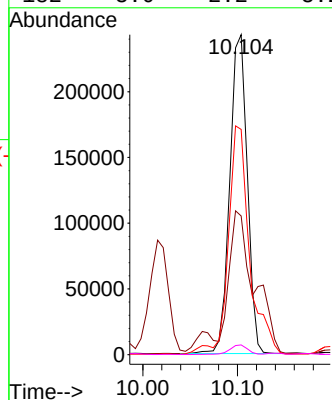
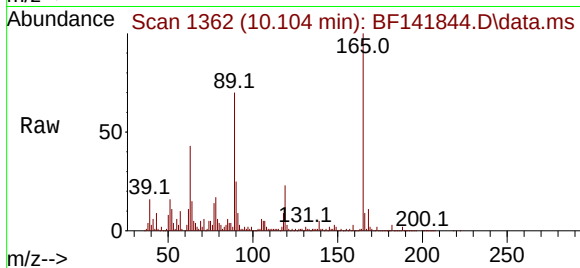




#57
2,4-Dinitrotoluene
Concen: 53.198 ng
RT: 10.104 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

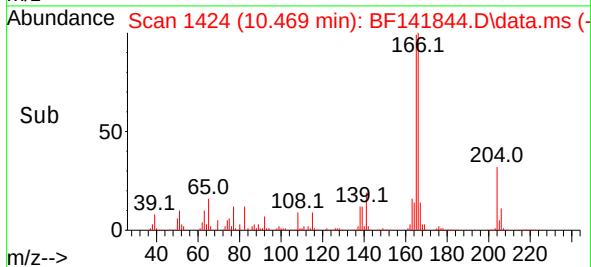
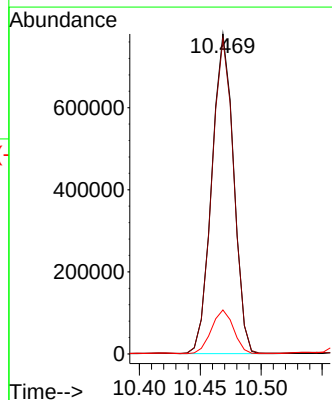
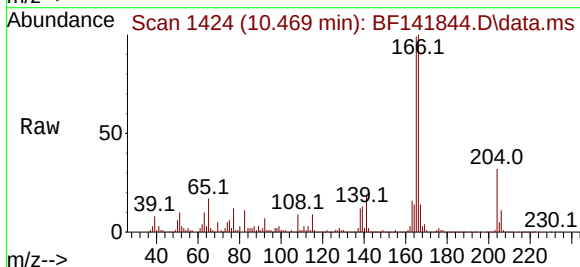
Instrument :
BNA_F
ClientSampleId :
DN-B-42MS

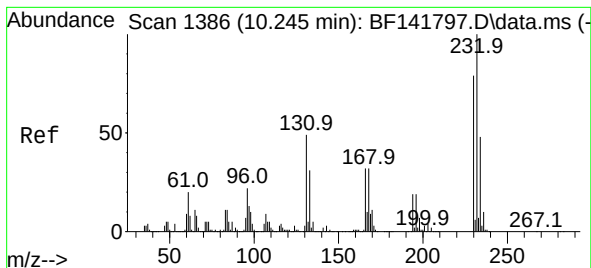
Tgt Ion:165 Resp: 310411
Ion Ratio Lower Upper
165 100
63 43.4 38.8 58.2
89 70.4 62.6 94.0
182 3.0 2.2 3.2



#58
Fluorene
Concen: 42.361 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

Tgt Ion:166 Resp: 971273
Ion Ratio Lower Upper
166 100
165 98.6 78.6 117.8
167 13.7 11.0 16.4

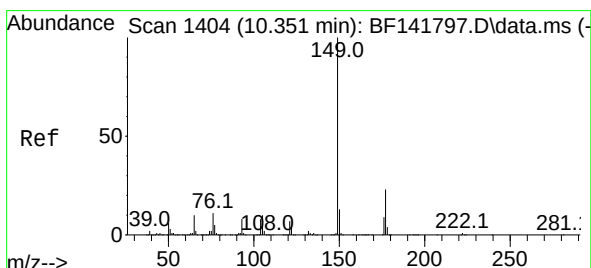
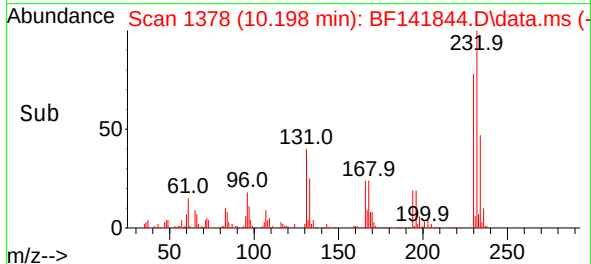
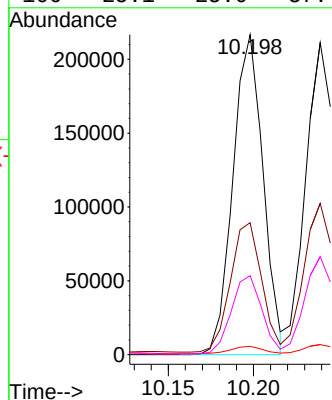
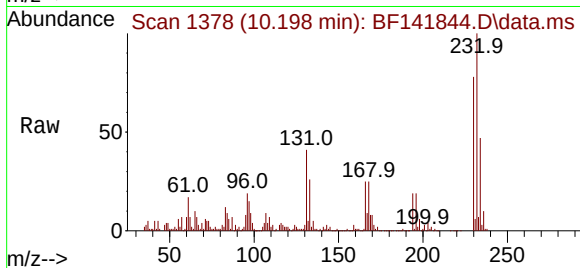




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.905 ng
RT: 10.198 min Scan# 1400
Delta R.T. -0.047 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

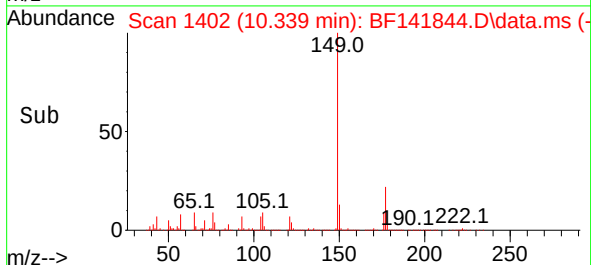
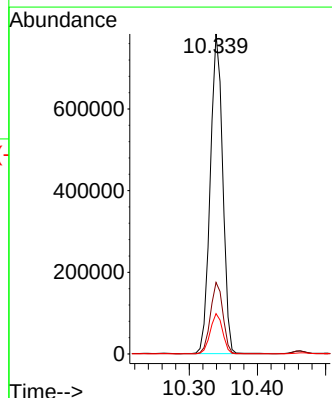
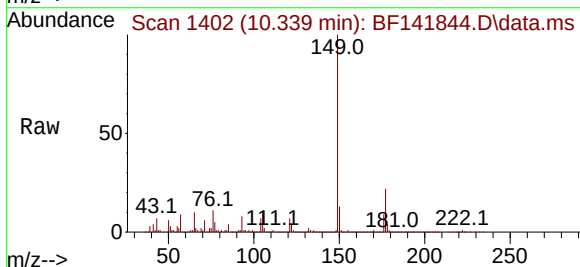
Instrument :
BNA_F
ClientSampleId :
DN-B-42MS

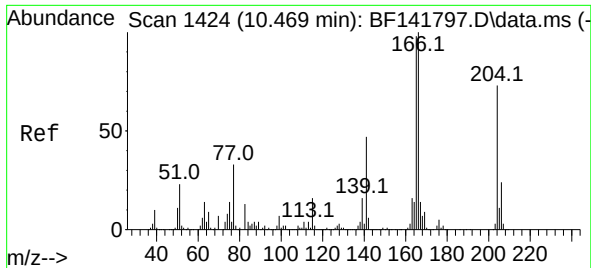
Tgt Ion:232 Resp: 266968
Ion Ratio Lower Upper
232 100
131 41.7 37.8 56.8
130 2.5 2.0 3.0
166 25.1 25.0 37.4



#60
Diethylphthalate
Concen: 39.903 ng
RT: 10.339 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

Tgt Ion:149 Resp: 991255
Ion Ratio Lower Upper
149 100
177 22.4 18.3 27.5
150 12.6 10.3 15.5

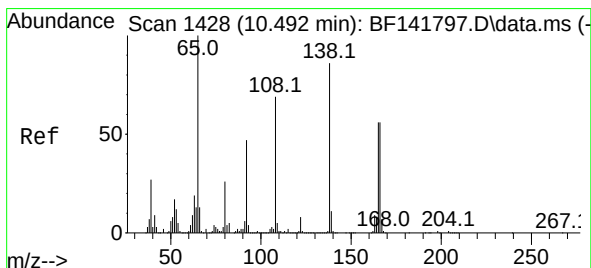
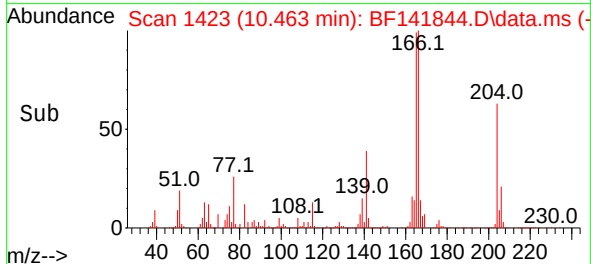
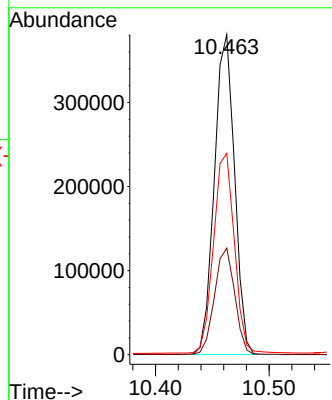
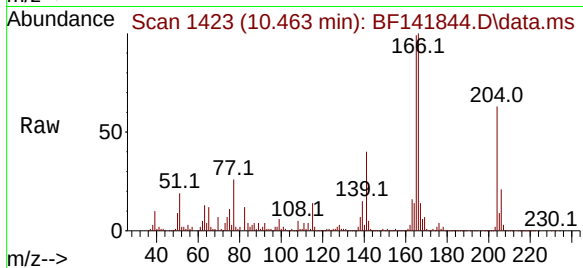




#61
4-Chlorophenyl-phenylether
Concen: 40.915 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

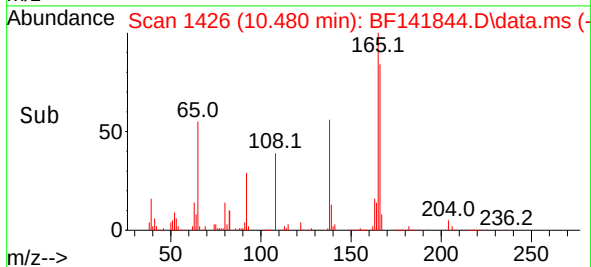
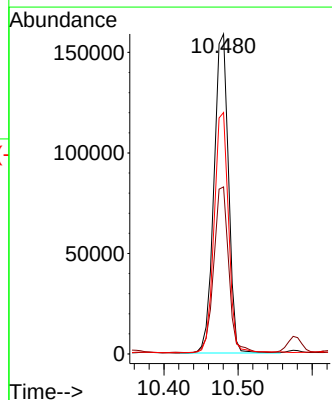
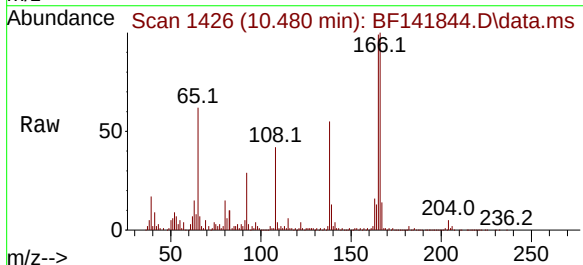
Instrument :
BNA_F
ClientSampleId :
DN-B-42MS

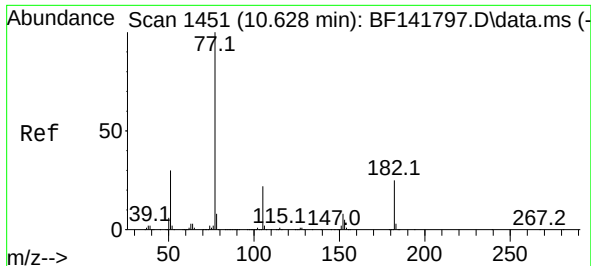
Tgt Ion:204 Resp: 470028
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.4
141 62.9 51.7 77.5



#62
4-Nitroaniline
Concen: 51.021 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

Tgt Ion:138 Resp: 215910
Ion Ratio Lower Upper
138 100
92 52.2 34.9 74.9
108 75.4 59.6 99.6



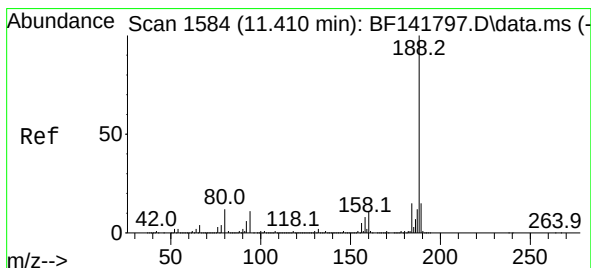
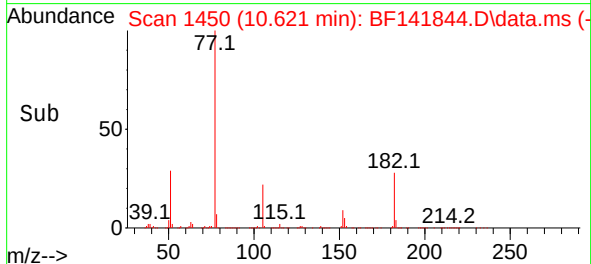
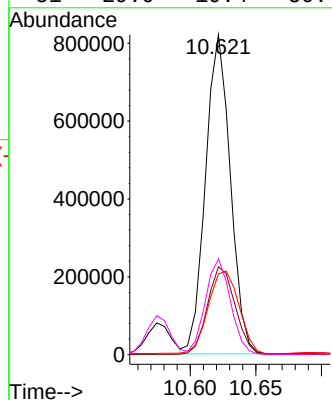
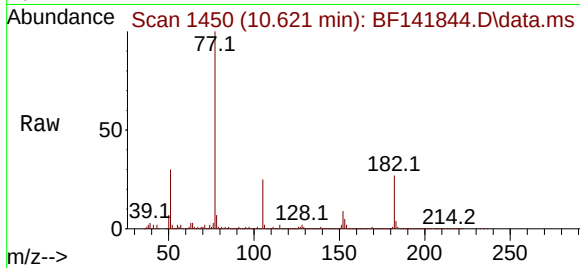


#63
Azobenzene
Concen: 41.298 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

Instrument :
BNA_F
ClientSampleId :
DN-B-42MS

Tgt Ion: 77 Resp: 1080202

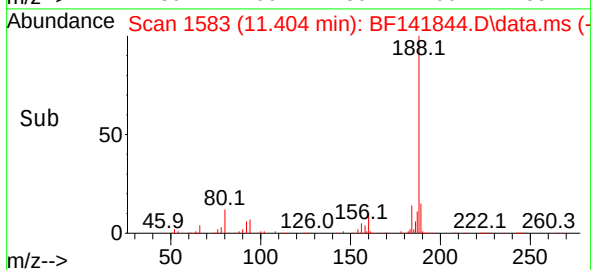
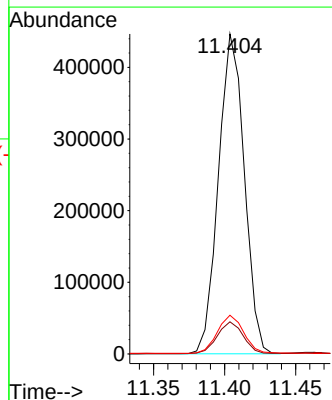
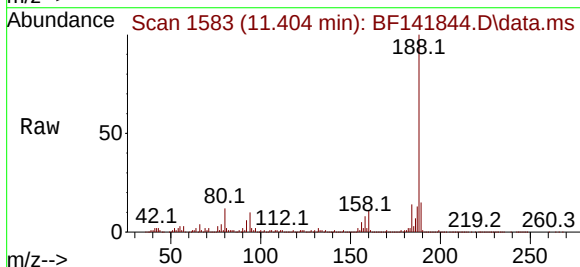
Ion	Ratio	Lower	Upper
77	100		
182	27.5	4.2	44.2
105	25.3	1.5	41.5
51	29.9	10.4	50.4

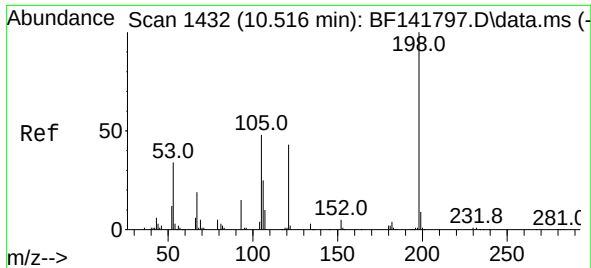


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

Tgt Ion: 188 Resp: 565314

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.9	13.3
80	12.1	9.7	14.5

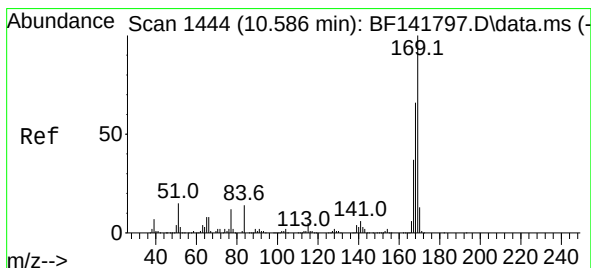
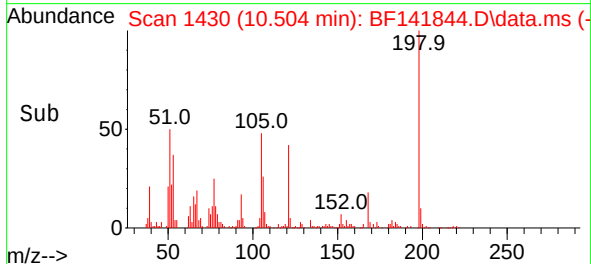
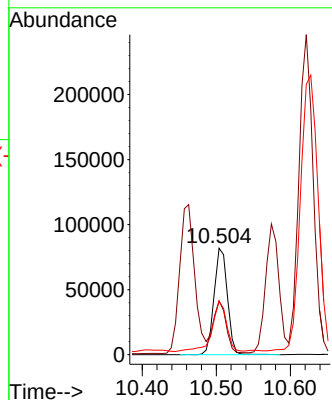
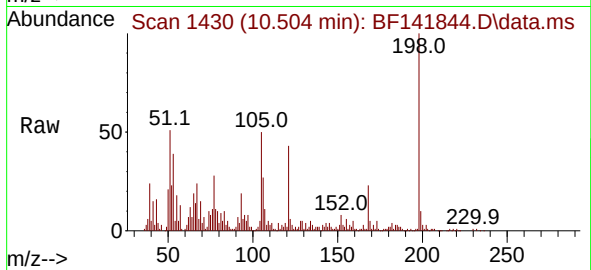




#65
4,6-Dinitro-2-methylphenol
Concen: 40.086 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

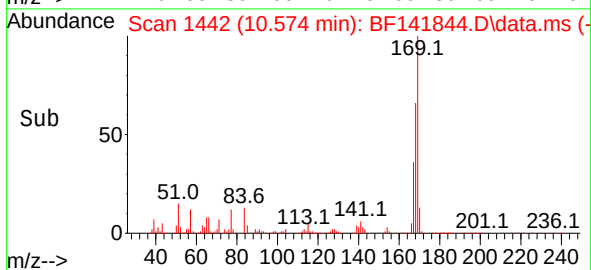
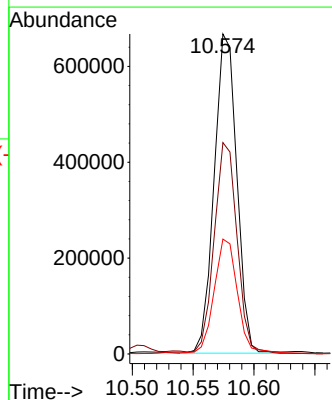
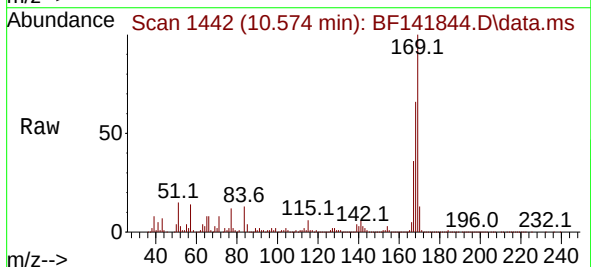
Instrument :
BNA_F
ClientSampleId :
DN-B-42MS

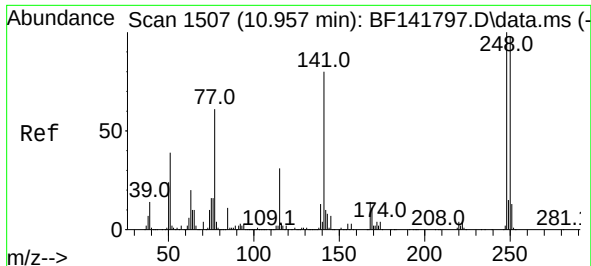
Tgt Ion:198 Resp: 102419
Ion Ratio Lower Upper
198 100
51 50.7 32.1 72.1
105 50.0 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 46.428 ng
RT: 10.574 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

Tgt Ion:169 Resp: 861837
Ion Ratio Lower Upper
169 100
168 66.1 53.0 79.6
167 35.9 29.3 43.9

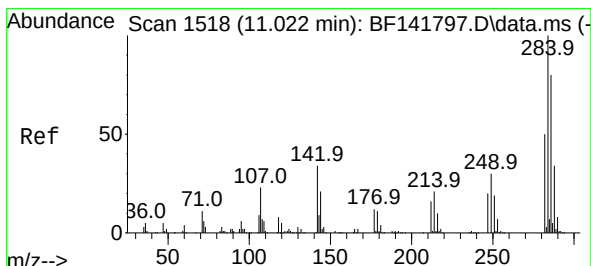
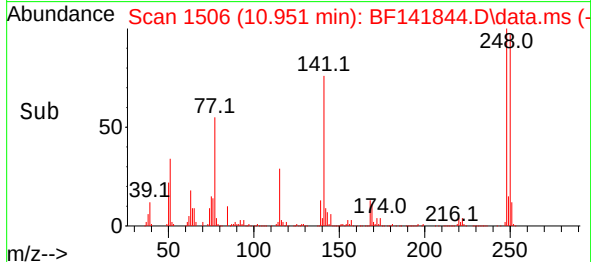
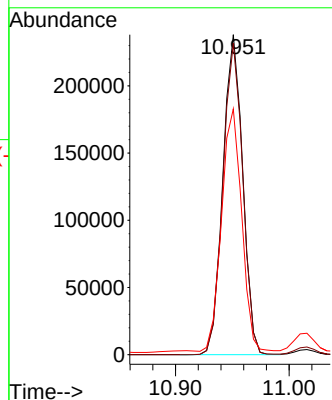
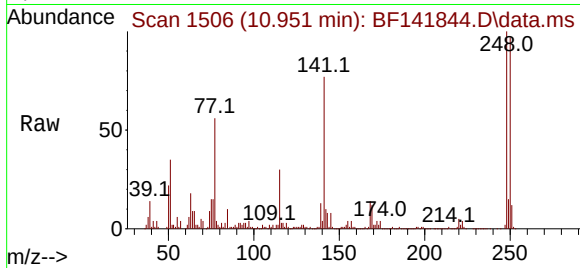




#67
4-Bromophenyl-phenylether
Concen: 43.759 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

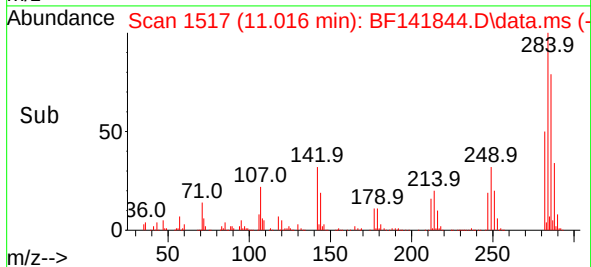
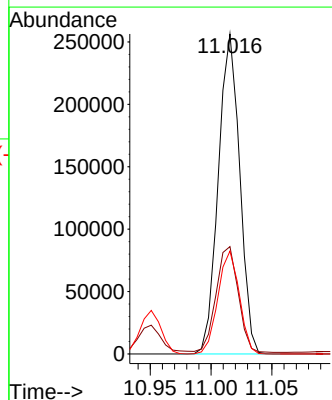
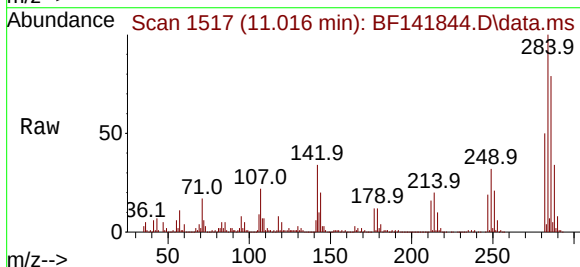
Instrument :
BNA_F
ClientSampleId :
DN-B-42MS

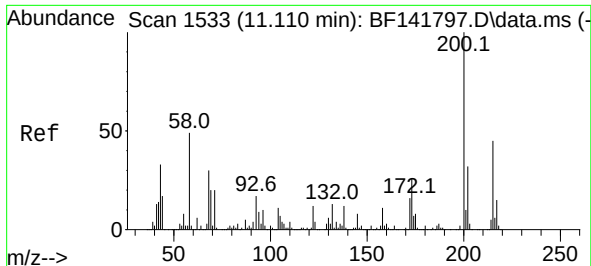
Tgt Ion:248 Resp: 288947
Ion Ratio Lower Upper
248 100
250 97.4 78.1 117.1
141 76.8 64.3 96.5



#68
Hexachlorobenzene
Concen: 45.037 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

Tgt Ion:284 Resp: 314028
Ion Ratio Lower Upper
284 100
142 33.6 28.2 42.2
249 32.1 25.5 38.3





#69

Atrazine

Concen: 62.190 ng

RT: 11.104 min Scan# 1532

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

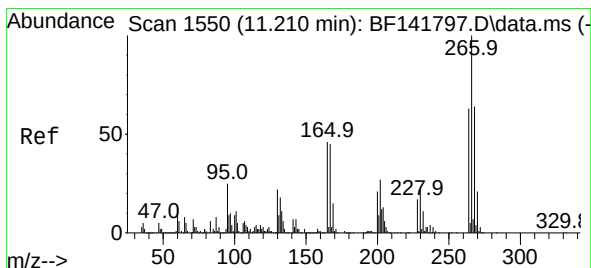
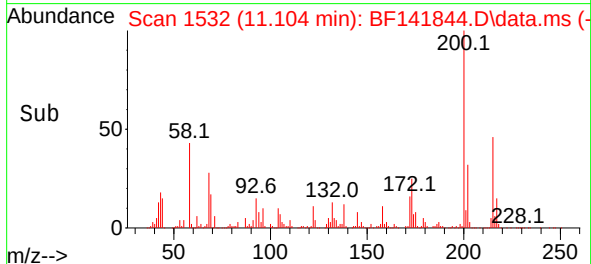
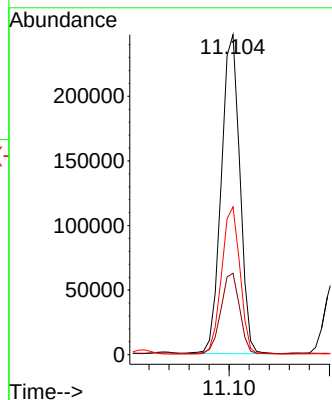
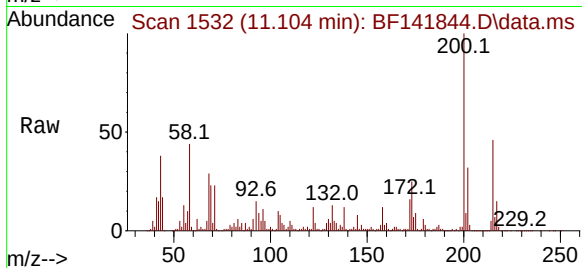
Tgt Ion:200 Resp: 317462

Ion Ratio Lower Upper

200 100

173 25.4 5.6 45.6

215 46.2 25.3 65.3



#70

Pentachlorophenol

Concen: 84.690 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

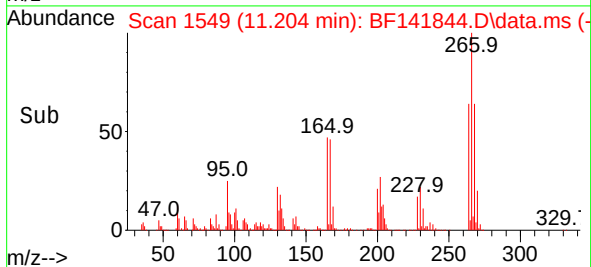
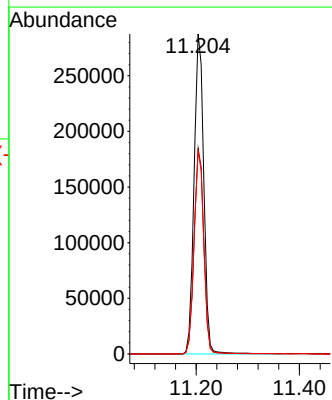
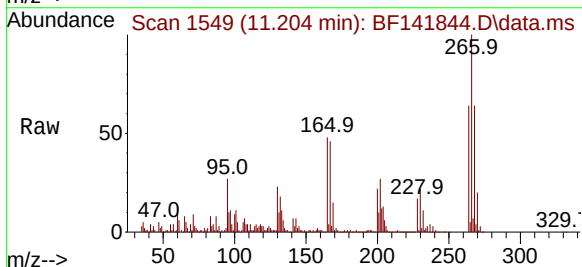
Tgt Ion:266 Resp: 374526

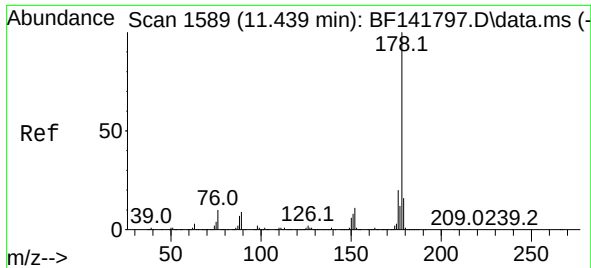
Ion Ratio Lower Upper

266 100

268 64.3 50.9 76.3

264 63.5 50.2 75.4

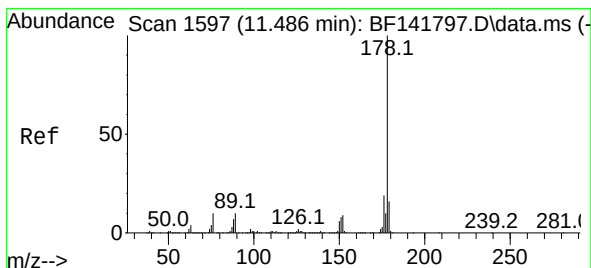
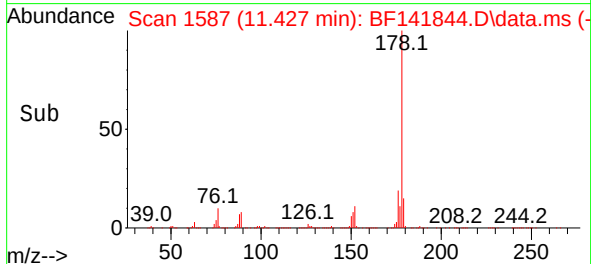
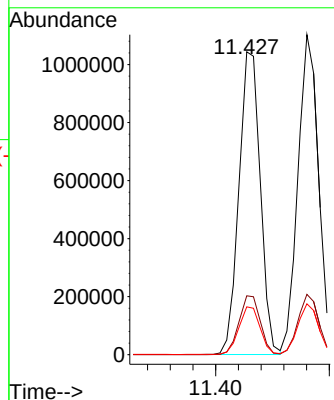
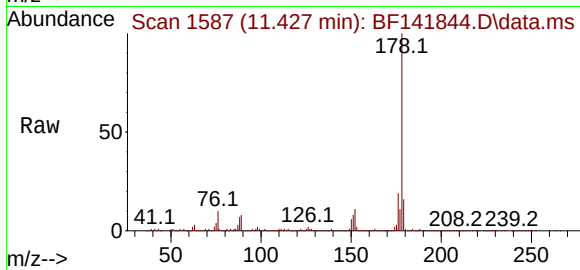




#71
Phenanthrene
Concen: 45.003 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.012 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

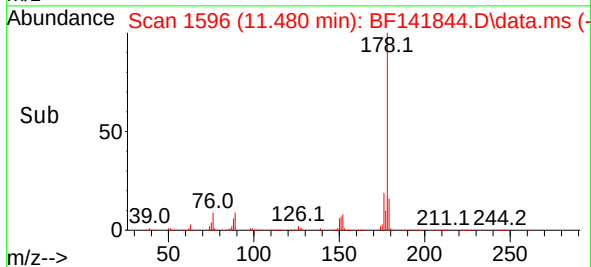
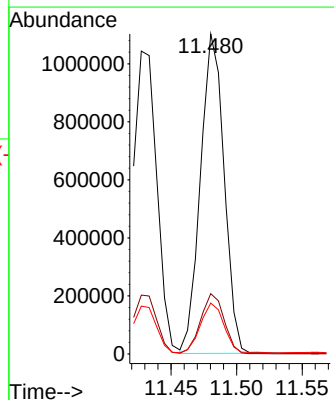
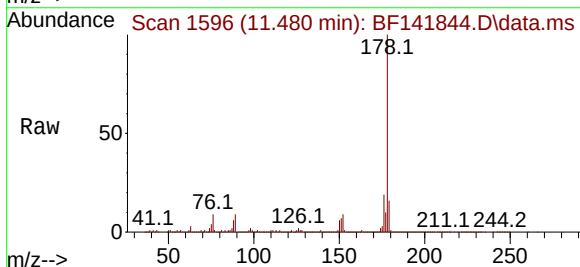
Instrument :
BNA_F
ClientSampleId :
DN-B-42MS

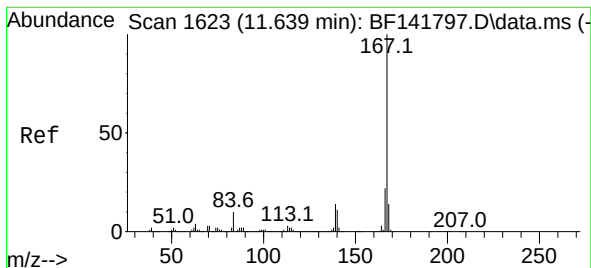
Tgt Ion:178 Resp: 1360847
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.8 12.6 19.0



#72
Anthracene
Concen: 45.574 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

Tgt Ion:178 Resp: 1381172
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.9 12.8 19.2





#73

Carbazole

Concen: 43.987 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

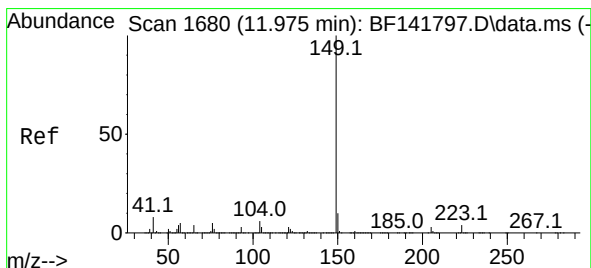
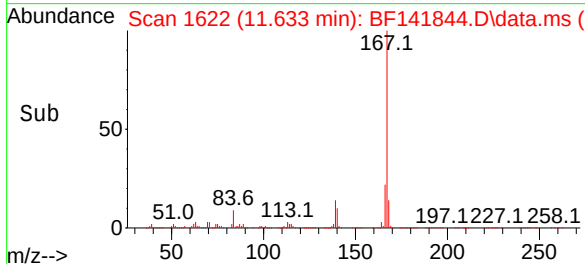
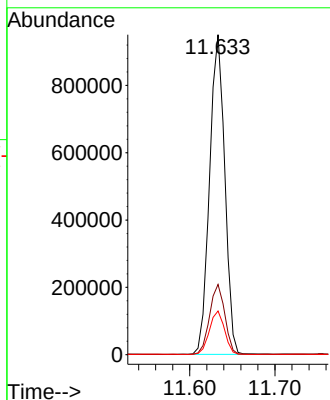
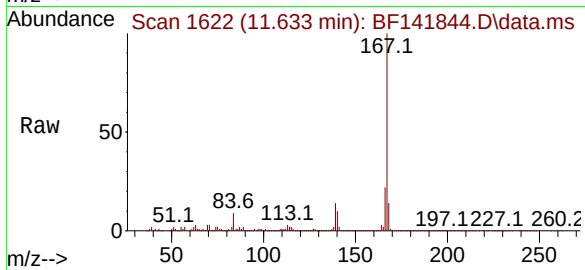
Tgt Ion:167 Resp: 1177198

Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

139 13.6 11.3 16.9



#74

Di-n-butylphthalate

Concen: 40.005 ng

RT: 11.963 min Scan# 1678

Delta R.T. -0.012 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

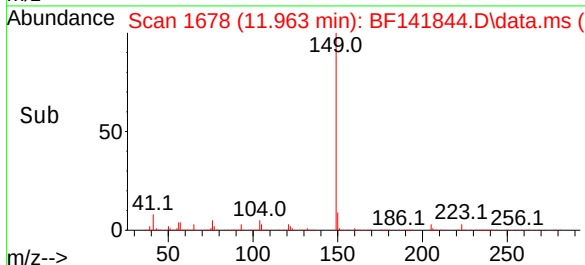
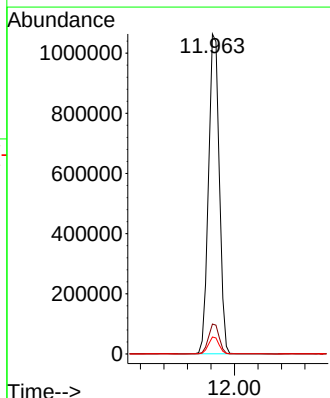
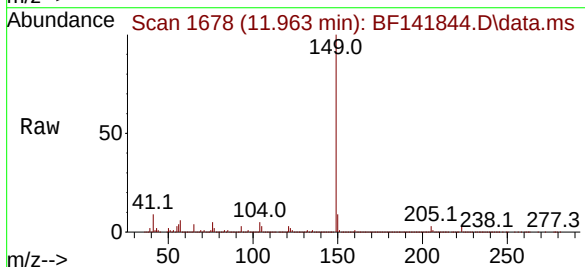
Tgt Ion:149 Resp: 1357104

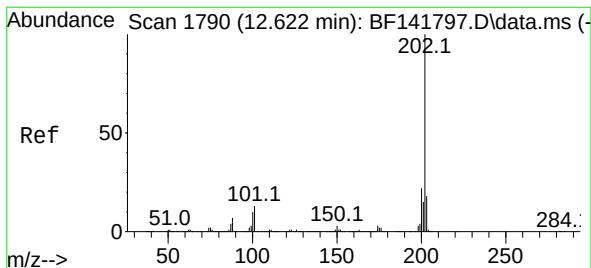
Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

104 5.3 4.4 6.6





#75

Fluoranthene

Concen: 40.050 ng

RT: 12.615 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

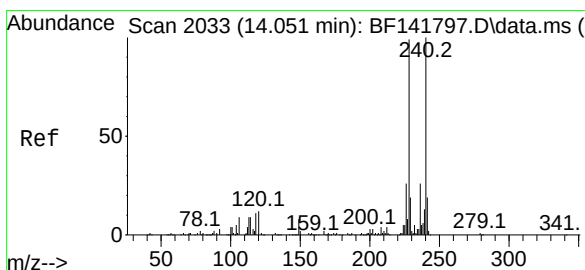
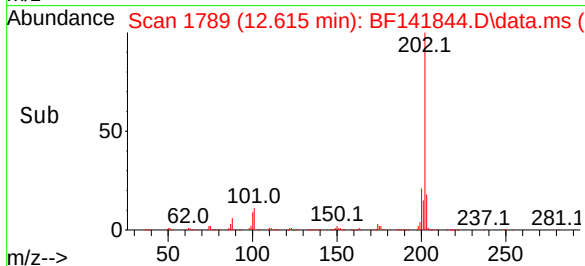
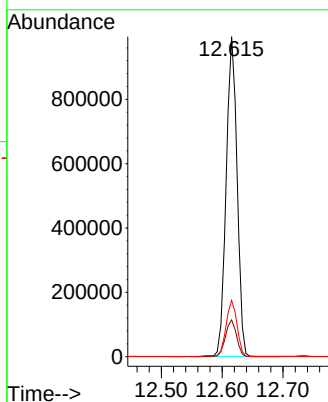
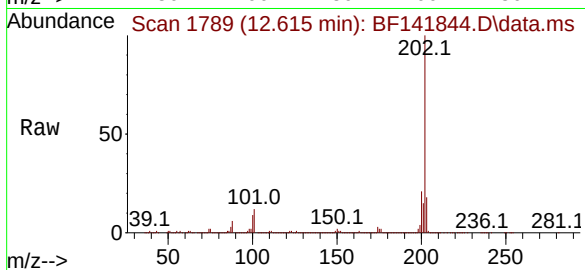
Tgt Ion:202 Resp: 1240933

Ion Ratio Lower Upper

202 100

101 11.5 0.0 32.8

203 17.6 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

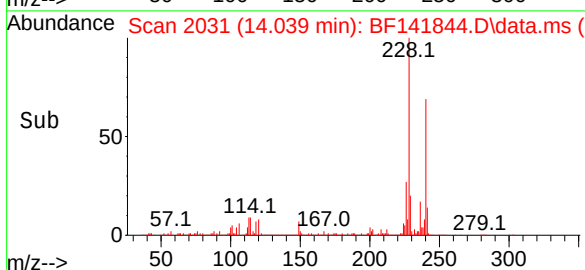
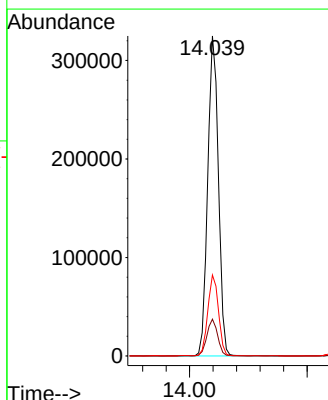
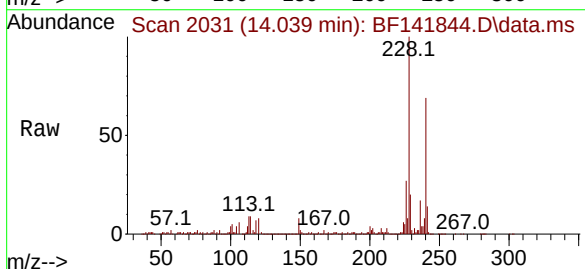
Tgt Ion:240 Resp: 409462

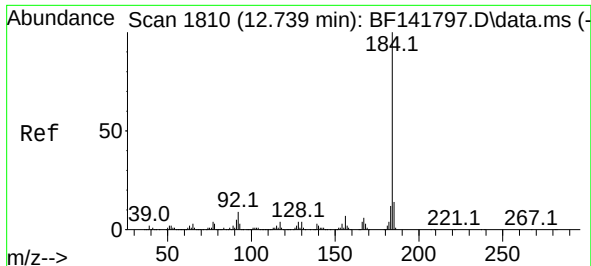
Ion Ratio Lower Upper

240 100

120 11.5 9.7 14.5

236 25.3 21.0 31.4

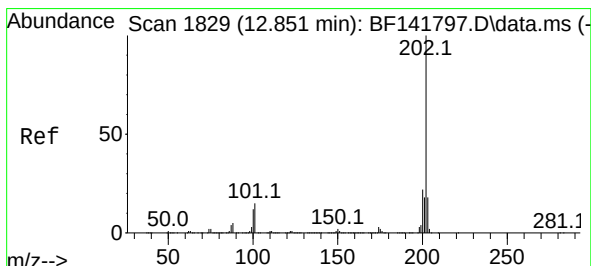
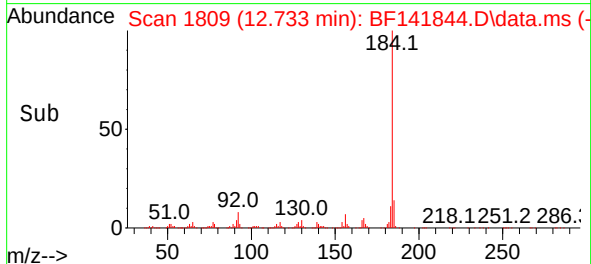
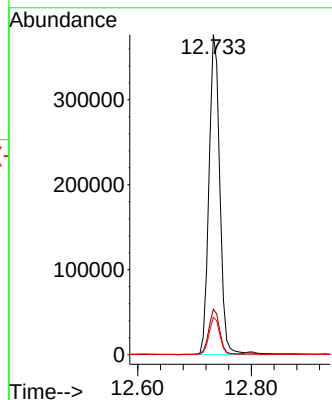
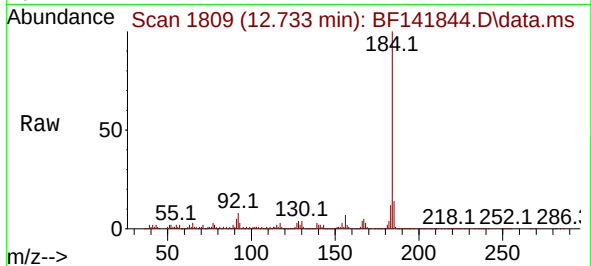




#77
Benzidine
Concen: 96.436 ng
RT: 12.733 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

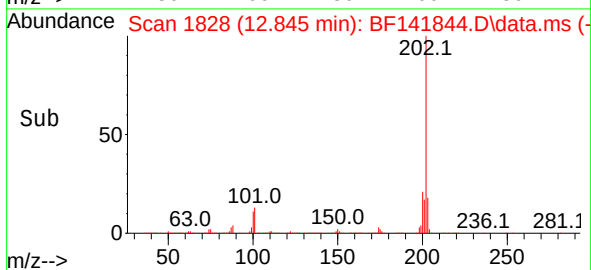
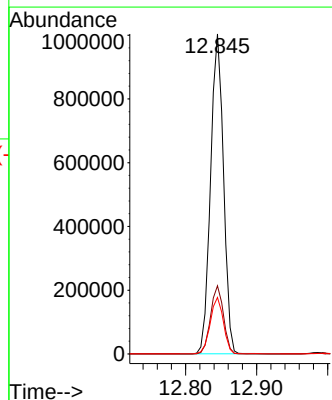
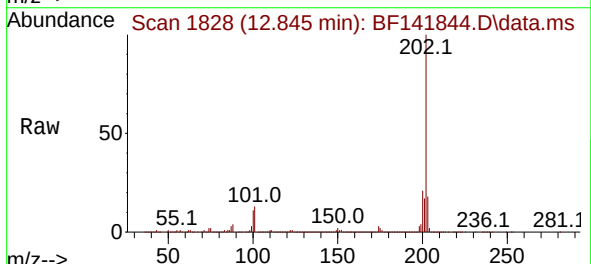
Instrument :
BNA_F
ClientSampleId :
DN-B-42MS

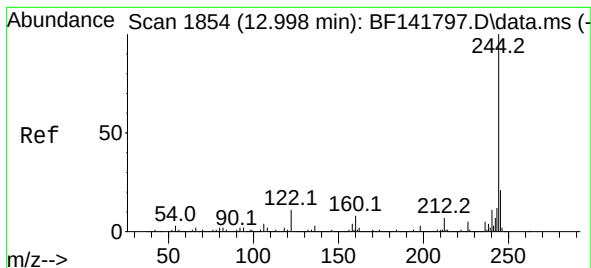
Tgt Ion:184 Resp: 496999
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 11.6 9.4 14.0



#78
Pyrene
Concen: 35.792 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

Tgt Ion:202 Resp: 1269067
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.0
203 17.6 14.6 22.0





#79

Terphenyl-d14

Concen: 55.502 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.012 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

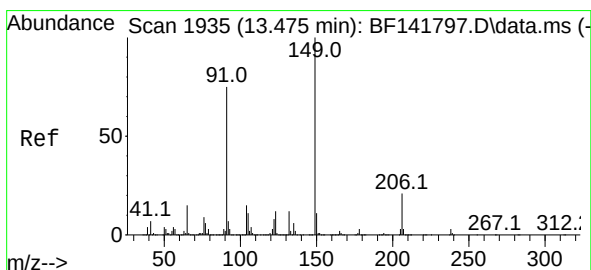
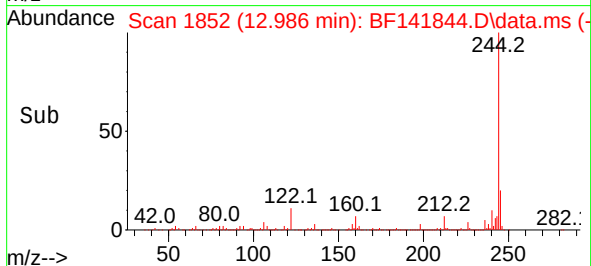
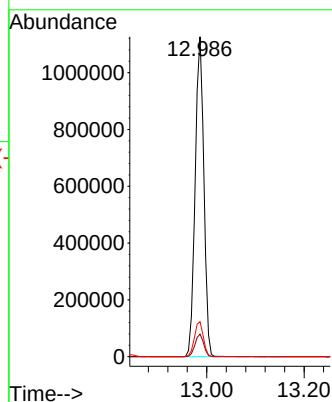
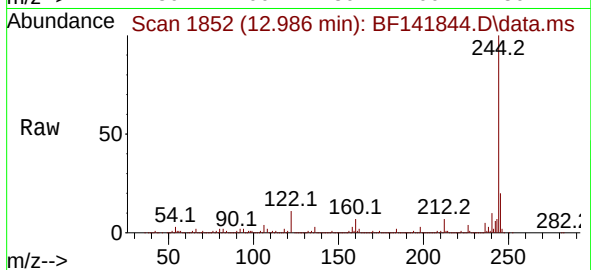
Tgt Ion:244 Resp: 1404647

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 10.9 9.0 13.6



#80

Butylbenzylphthalate

Concen: 36.456 ng

RT: 13.462 min Scan# 1933

Delta R.T. -0.012 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

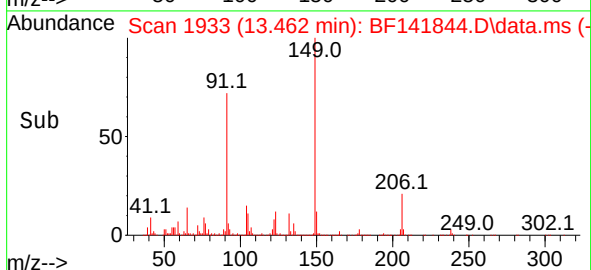
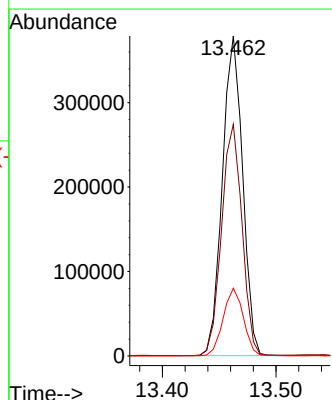
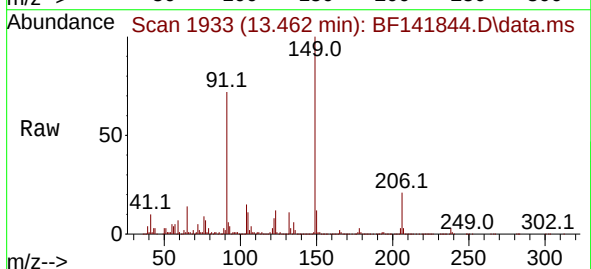
Tgt Ion:149 Resp: 469636

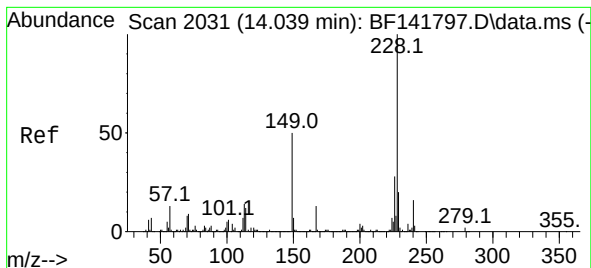
Ion Ratio Lower Upper

149 100

91 72.4 60.1 90.1

206 21.2 16.8 25.2





#81

Benzo(a)anthracene

Concen: 45.561 ng

RT: 14.027 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

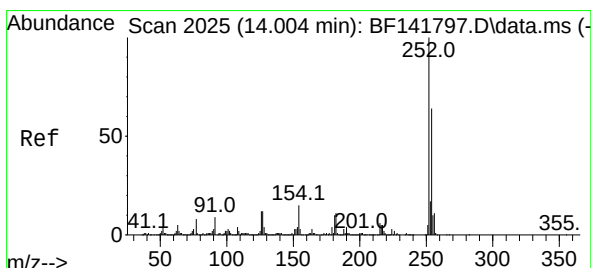
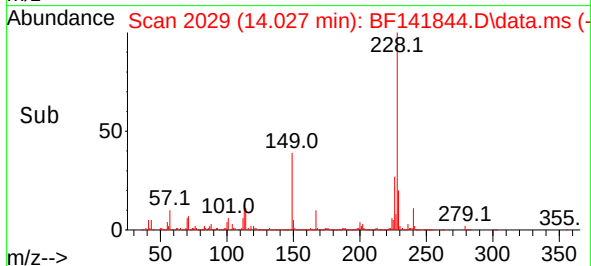
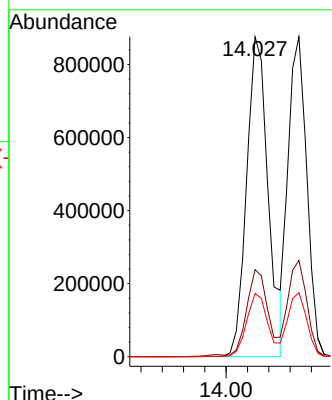
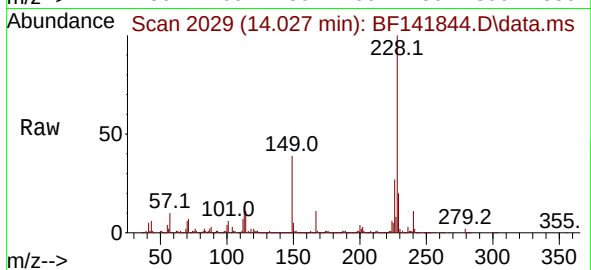
Tgt Ion:228 Resp: 1232226

Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

229 19.7 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 47.653 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.012 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

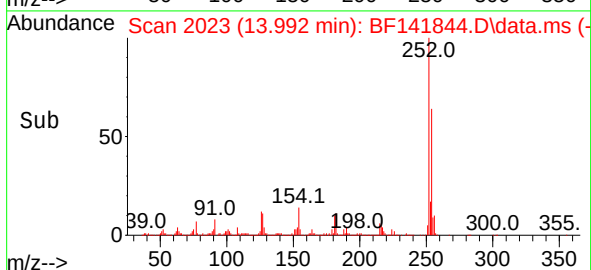
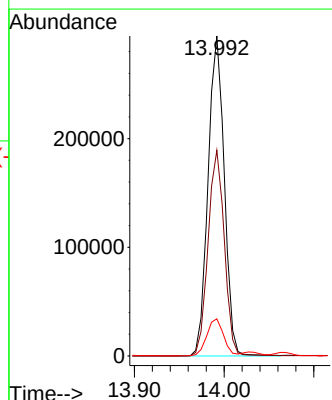
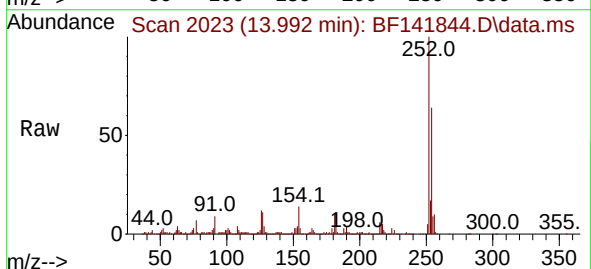
Tgt Ion:252 Resp: 369769

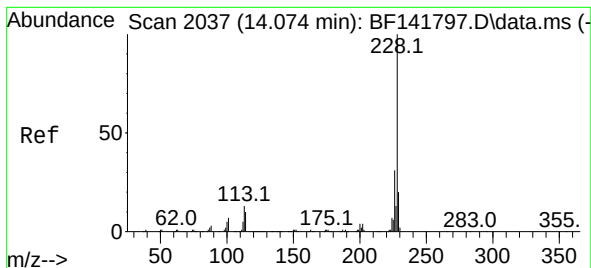
Ion Ratio Lower Upper

252 100

254 64.2 51.4 77.0

126 11.6 9.8 14.6





#83

Chrysene

Concen: 42.613 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

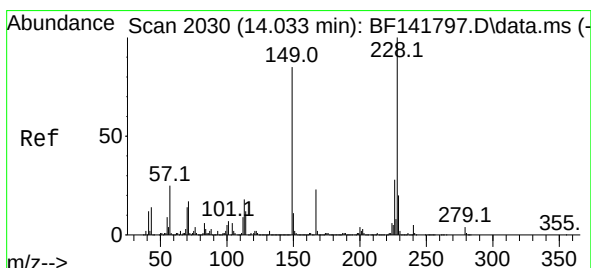
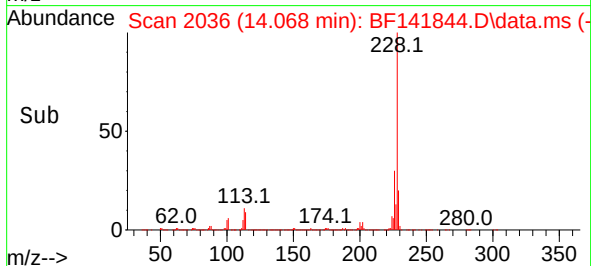
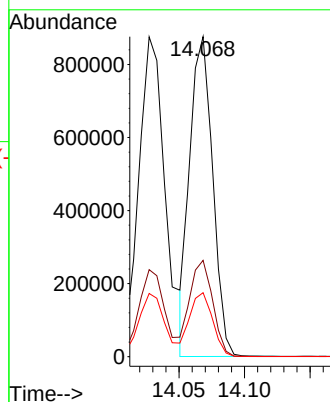
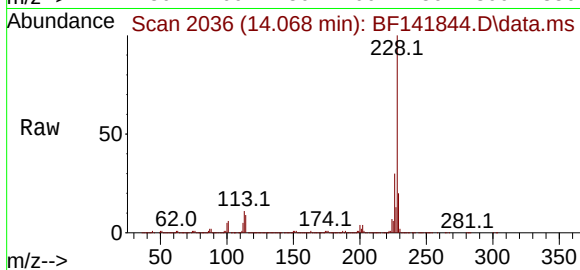
Tgt Ion:228 Resp: 1062387

Ion Ratio Lower Upper

228 100

226 30.1 24.6 37.0

229 20.0 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.423 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

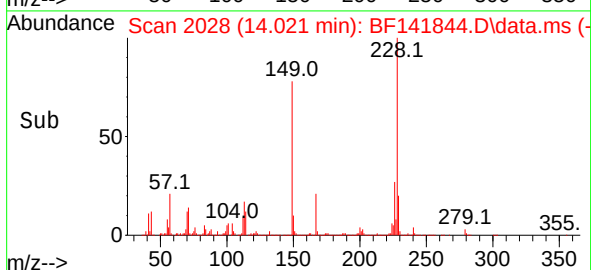
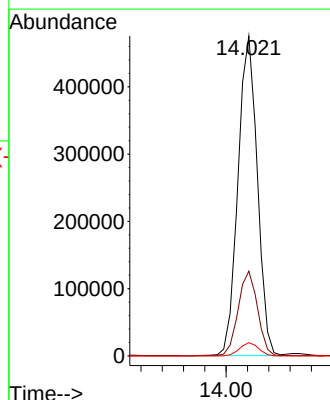
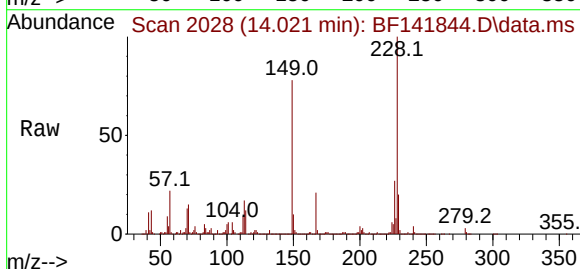
Tgt Ion:149 Resp: 600275

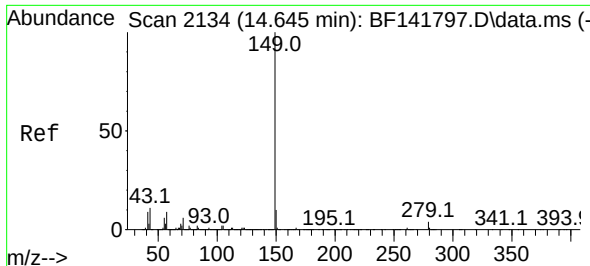
Ion Ratio Lower Upper

149 100

167 26.5 21.2 31.8

279 4.2 3.3 4.9

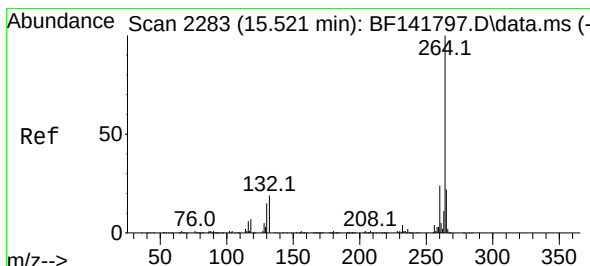
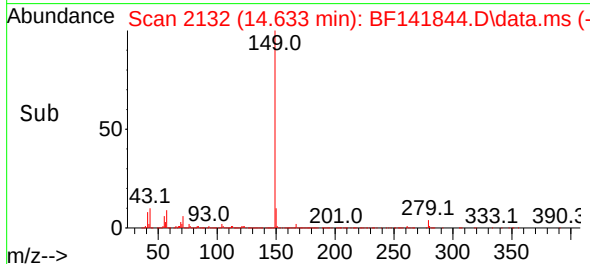
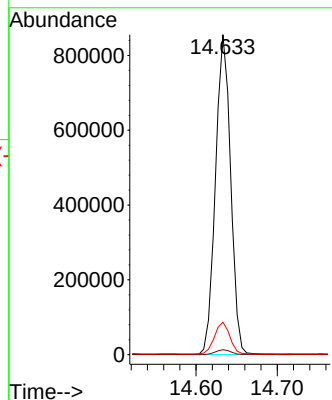
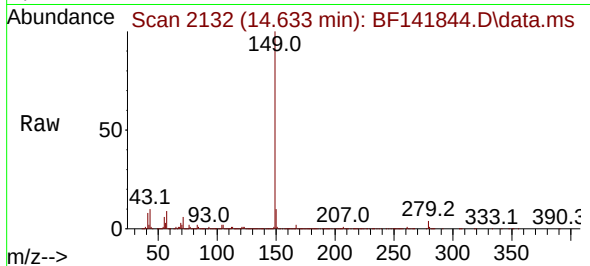




#85
Di-n-octyl phthalate
Concen: 46.163 ng
RT: 14.633 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

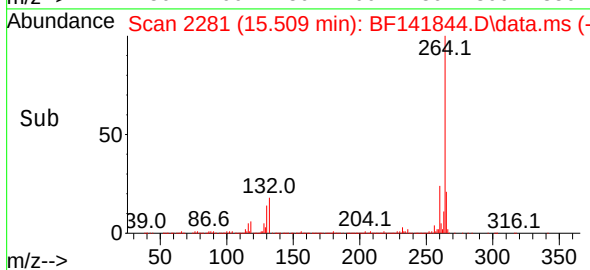
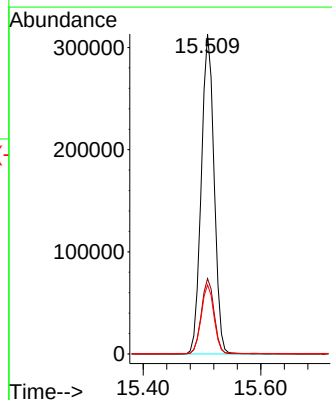
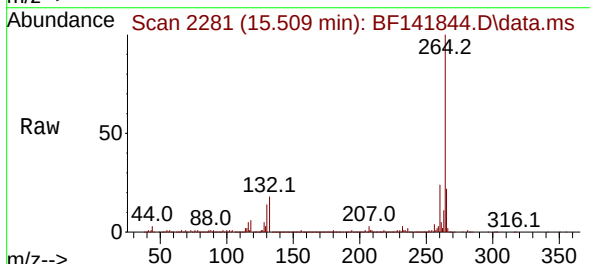
Instrument :
BNA_F
ClientSampleId :
DN-B-42MS

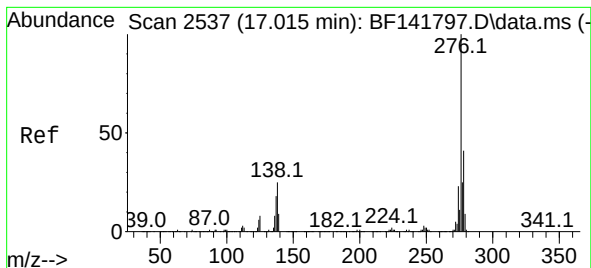
Tgt Ion:149 Resp: 1108571
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.0 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2281
Delta R.T. -0.012 min
Lab File: BF141844.D
Acq: 05 Mar 2025 15:21

Tgt Ion:264 Resp: 473342
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.852 ng

RT: 16.992 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

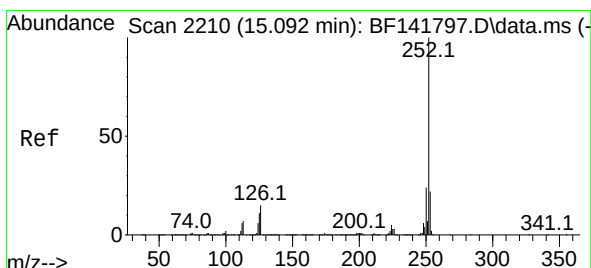
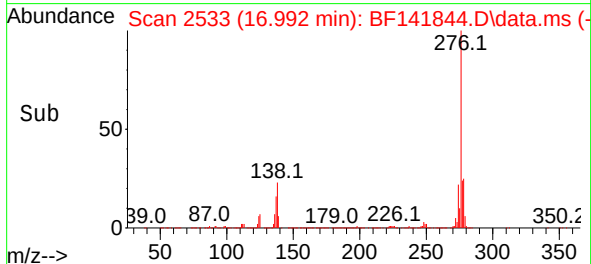
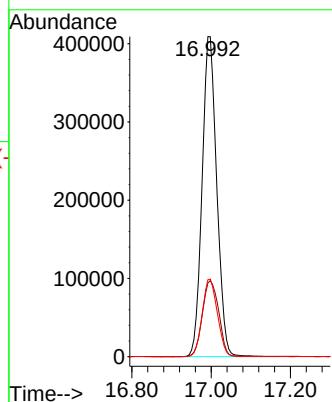
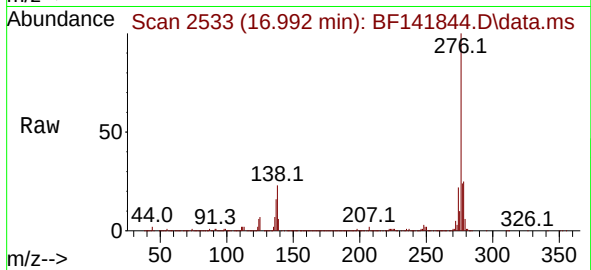
Tgt Ion:276 Resp: 1050463

Ion Ratio Lower Upper

276 100

138 26.5 22.5 33.7

277 25.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 43.082 ng

RT: 15.080 min Scan# 2208

Delta R.T. -0.012 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

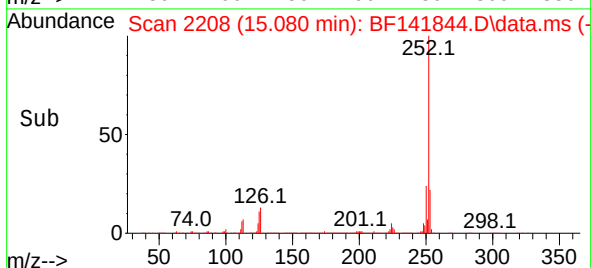
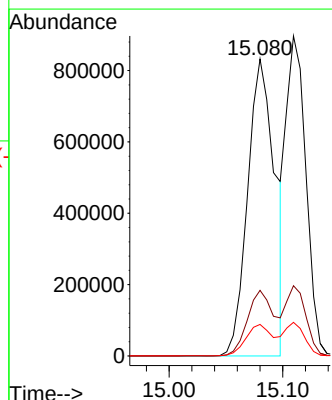
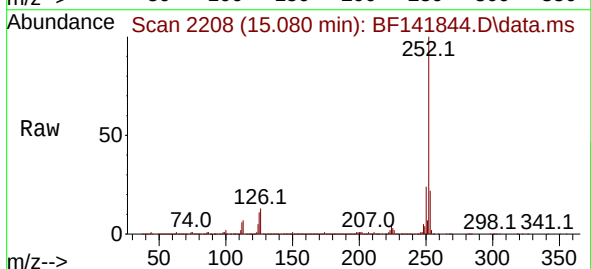
Tgt Ion:252 Resp: 1389072

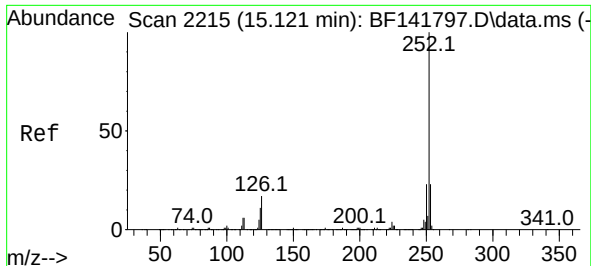
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.6 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 39.606 ng

RT: 15.109 min Scan# 2215

Delta R.T. -0.012 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

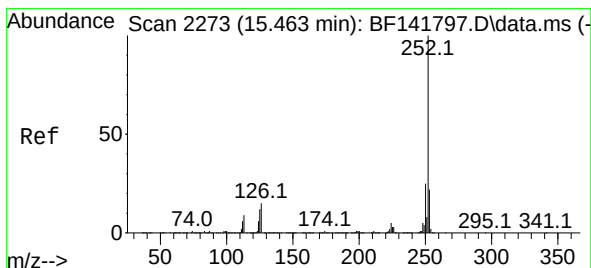
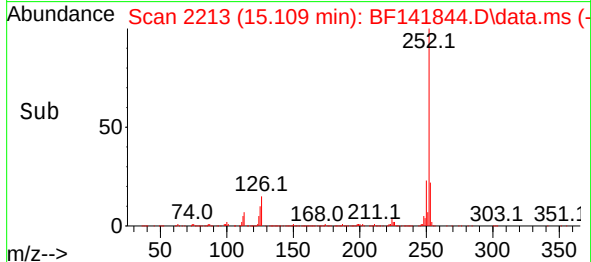
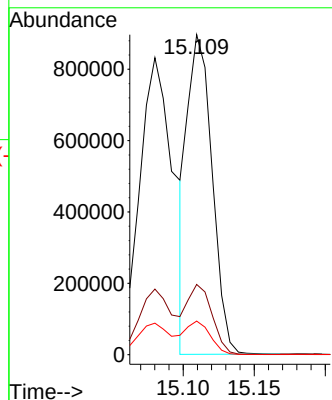
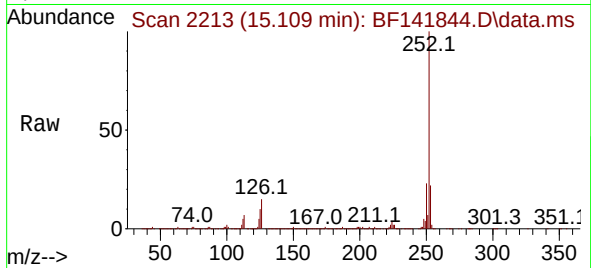
Tgt Ion:252 Resp: 1085392

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 10.5 8.8 13.2



#90

Benzo(a)pyrene

Concen: 45.749 ng

RT: 15.451 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

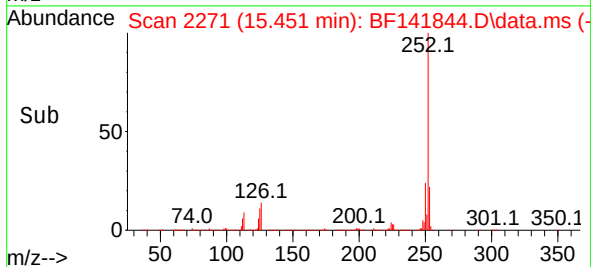
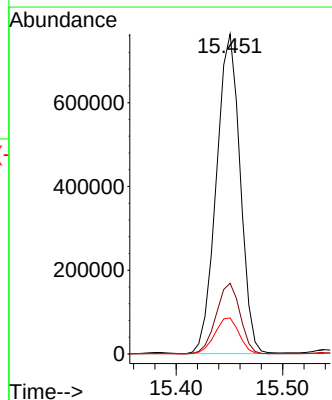
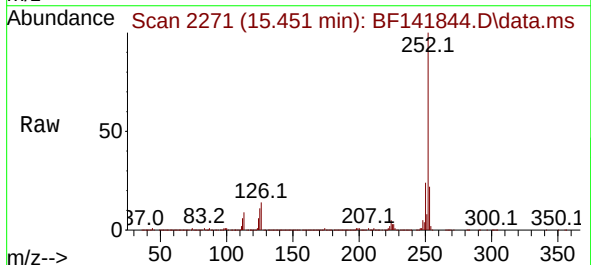
Tgt Ion:252 Resp: 1182996

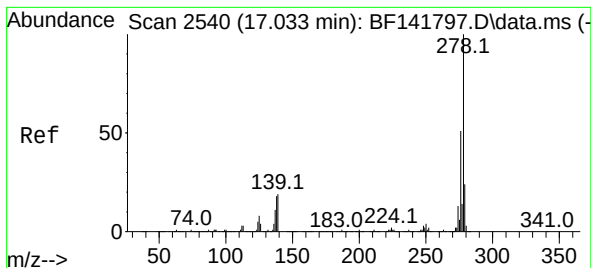
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 11.3 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 35.102 ng

RT: 17.015 min Scan# 2537

Delta R.T. -0.018 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42MS

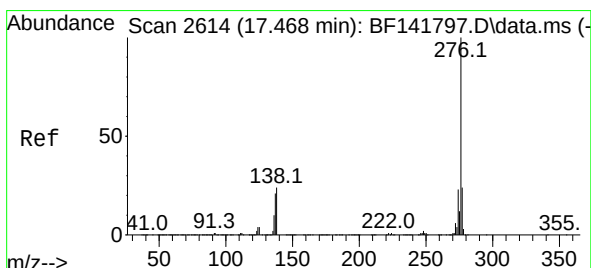
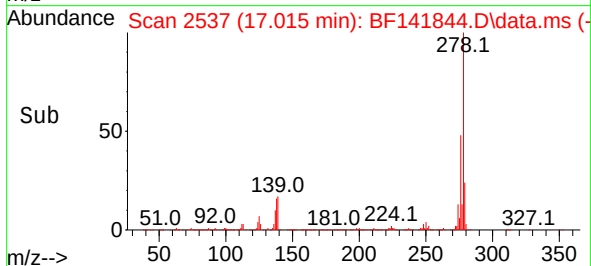
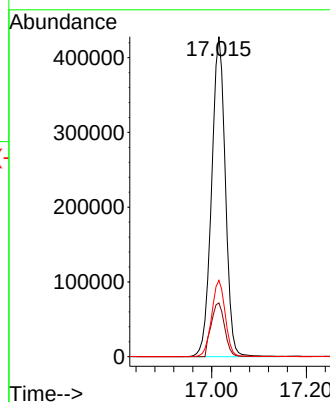
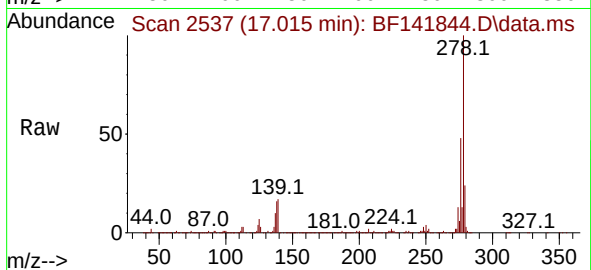
Tgt Ion:278 Resp: 863598

Ion Ratio Lower Upper

278 100

139 16.8 14.9 22.3

279 23.8 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 29.280 ng

RT: 17.445 min Scan# 2610

Delta R.T. -0.024 min

Lab File: BF141844.D

Acq: 05 Mar 2025 15:21

Tgt Ion:276 Resp: 737995

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.0

138 23.2 19.3 28.9

