

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
 Data File : BF141819.D
 Acq On : 03 Mar 2025 18:16
 Operator : RC/JU
 Sample : Q1475-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-02282025MS

Quant Time: Mar 04 00:12:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	111069	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	466588	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	292659	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	567711	20.000	ng	0.00
76) Chrysene-d12	14.051	240	381619	20.000	ng	0.00
86) Perylene-d12	15.527	264	352598	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	790128	113.607	ng	0.00
7) Phenol-d6	6.498	99	1046994	115.659	ng	-0.01
23) Nitrobenzene-d5	7.445	82	621192	85.100	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	368150	133.993	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1351607	74.053	ng	0.00
79) Terphenyl-d14	12.998	244	1830573	77.609	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	131727	41.742	ng	96
3) Pyridine	3.393	79	314690	40.078	ng	98
4) n-Nitrosodimethylamine	3.322	42	121017	32.032	ng	96
6) Aniline	6.545	93	245194	26.054	ng	99
8) 2-Chlorophenol	6.669	128	329092	43.742	ng	97
9) Benzaldehyde	6.434	77	124013	23.552	ng	99
10) Phenol	6.516	94	446333	46.141	ng	94
11) bis(2-Chloroethyl)ether	6.616	93	313865	42.566	ng	99
12) 1,3-Dichlorobenzene	6.828	146	346113	42.957	ng	99
13) 1,4-Dichlorobenzene	6.904	146	348203	42.891	ng	99
14) 1,2-Dichlorobenzene	7.057	146	336988	44.453	ng	99
15) Benzyl Alcohol	7.022	79	296892	41.037	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	483054	43.137	ng	97
17) 2-Methylphenol	7.128	107	275526	44.367	ng	99
18) Hexachloroethane	7.404	117	129709	42.688	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	249193	41.876	ng	98
20) 3+4-Methylphenols	7.281	107	368849	47.698	ng	95
22) Acetophenone	7.292	105	523320	46.051	ng	# 97
24) Nitrobenzene	7.463	77	359391	45.977	ng	99
25) Isophorone	7.704	82	675743	43.090	ng	100
26) 2-Nitrophenol	7.781	139	138674	40.499	ng	99
27) 2,4-Dimethylphenol	7.810	122	303781	52.698	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	402295	40.215	ng	99
29) 2,4-Dichlorophenol	8.016	162	296348	44.562	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	301771	41.411	ng	99
31) Naphthalene	8.192	128	1070374	44.635	ng	99
32) Benzoic acid	7.898	122	217073	45.579	ng	98
33) 4-Chloroaniline	8.234	127	144256	16.406	ng	98
34) Hexachlorobutadiene	8.310	225	179837	39.713	ng	98
35) Caprolactam	8.581	113	92261	45.097	ng	94
36) 4-Chloro-3-methylphenol	8.710	107	356381	48.241	ng	96
37) 2-Methylnaphthalene	8.881	142	727188	46.231	ng	99
38) 1-Methylnaphthalene	8.981	142	717379	47.532	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	369518	43.718	ng	99
41) Hexachlorocyclopentadiene	9.033	237	299195	84.821	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	233014	42.678	ng	100

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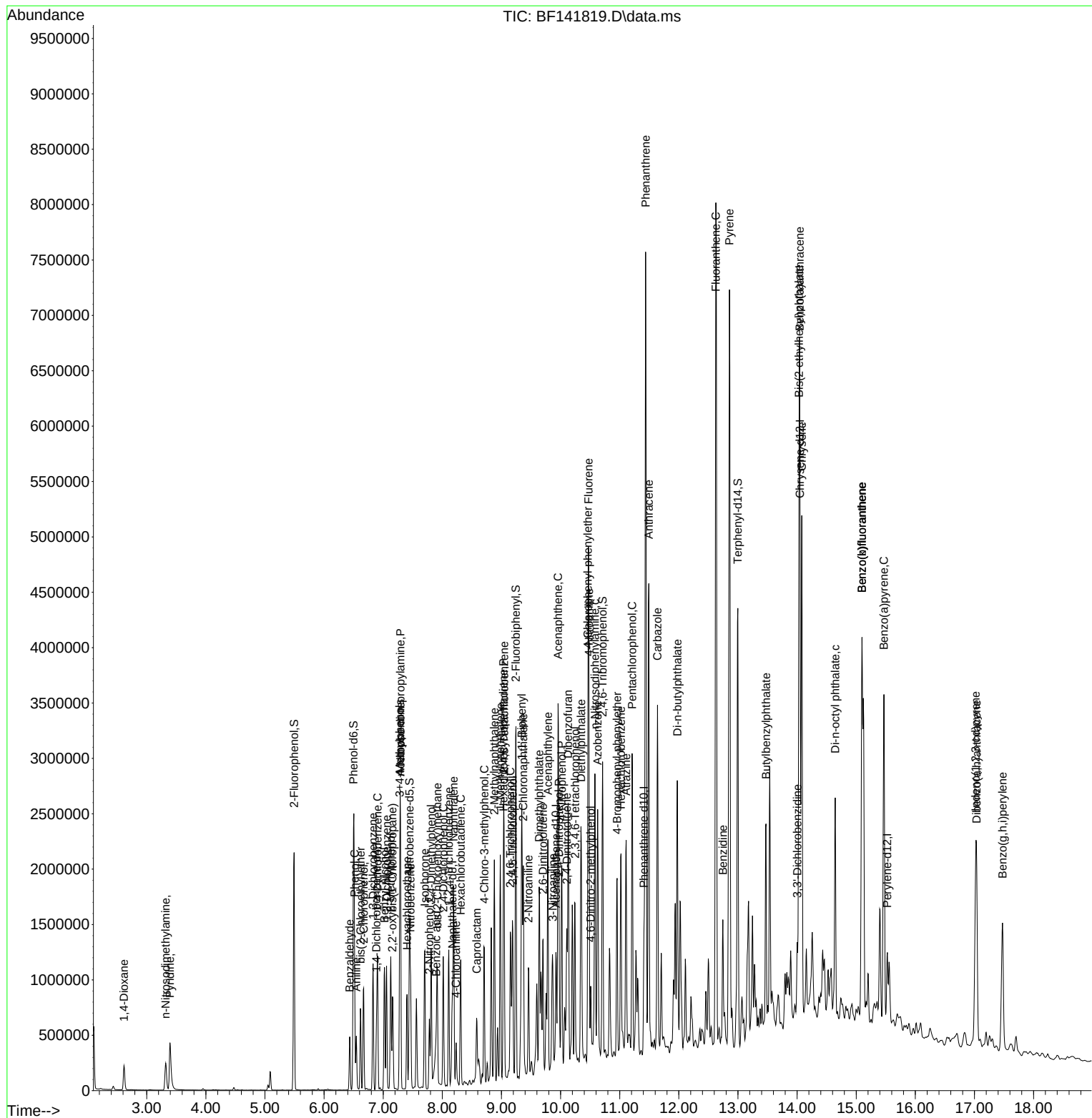
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	260340	48.153	ng	98
46) 1,1'-Biphenyl	9.345	154	1030482	46.260	ng	99
47) 2-Chloronaphthalene	9.369	162	701548	42.670	ng	99
48) 2-Nitroaniline	9.457	65	223360	49.483	ng	99
49) Acenaphthylene	9.786	152	1199203	48.648	ng	99
50) Dimethylphthalate	9.639	163	836889	42.701	ng	100
51) 2,6-Dinitrotoluene	9.704	165	180021	48.014	ng	97
52) Acenaphthene	9.957	154	1045381	62.849	ng	100
53) 3-Nitroaniline	9.869	138	157651	40.002	ng	98
54) 2,4-Dinitrophenol	9.975	184	152497	86.204	ng	# 1
55) Dibenzofuran	10.128	168	1238567	51.160	ng	99
56) 4-Nitrophenol	10.022	139	400749	138.445	ng	99
57) 2,4-Dinitrotoluene	10.104	165	267822	57.713	ng	98
58) Fluorene	10.475	166	1178302	64.976	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	237587	50.528	ng	98
60) Diethylphthalate	10.345	149	886191	45.104	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	408016	44.907	ng	98
62) 4-Nitroaniline	10.480	138	212905	63.611	ng	95
63) Azobenzene	10.627	77	1091361	52.755	ng	88
65) 4,6-Dinitro-2-methylph...	10.510	198	105351	40.862	ng	94
66) n-Nitrosodiphenylamine	10.580	169	789648	42.359	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	269414	40.629	ng	98
68) Hexachlorobenzene	11.022	284	299291	42.742	ng	99
69) Atrazine	11.110	200	312250	60.911	ng	99
70) Pentachlorophenol	11.210	266	393328	88.566	ng	100
71) Phenanthrene	11.439	178	3880123	127.775	ng	98
72) Anthracene	11.492	178	2336827	76.782	ng	100
73) Carbazole	11.639	167	1701875	63.323	ng	100
74) Di-n-butylphthalate	11.974	149	1549577	45.486	ng	99
75) Fluoranthene	12.627	202	4549513	146.212	ng	98
77) Benzidine	12.745	184	565563	117.747	ng	99
78) Pyrene	12.857	202	3986724	120.642	ng	96
80) Butylbenzylphthalate	13.474	149	593087	49.398	ng	98
81) Benzo(a)anthracene	14.045	228	2752621	109.202	ng	98
82) 3,3'-Dichlorobenzidine	14.004	252	187817	25.971	ng	99
83) Chrysene	14.080	228	2143918	92.267	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	795583	53.218	ng	100
85) Di-n-octyl phthalate	14.645	149	1273243	56.889	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	1333661	59.400	ng	97
88) Benzo(b)fluoranthene	15.098	252	2511913	104.584	ng	98
89) Benzo(k)fluoranthene	15.098	252	2511913	123.047	ng	98
90) Benzo(a)pyrene	15.468	252	1810170	93.976	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	836480	45.642	ng	99
92) Benzo(g,h,i)perylene	17.474	276	1057963	56.349	ng	99

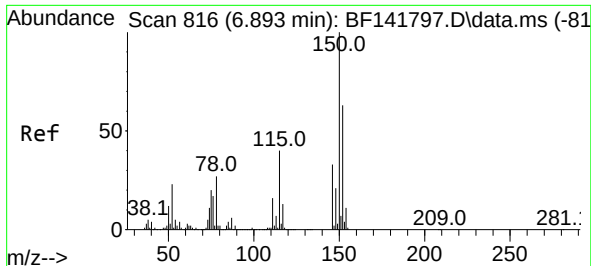
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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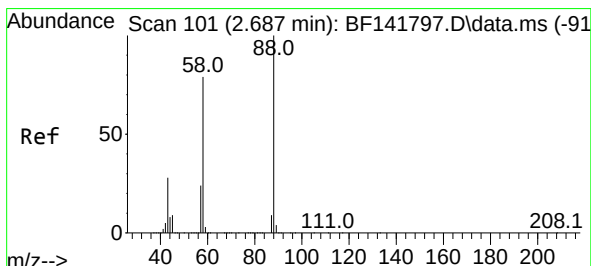
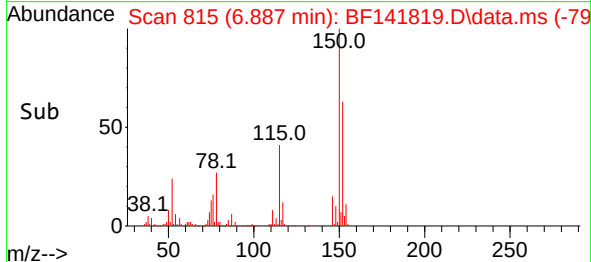
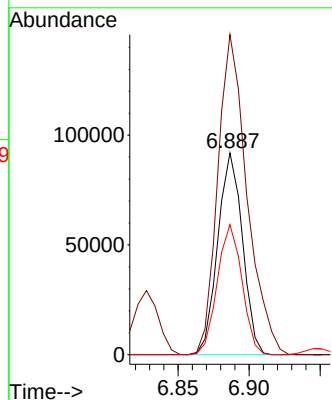
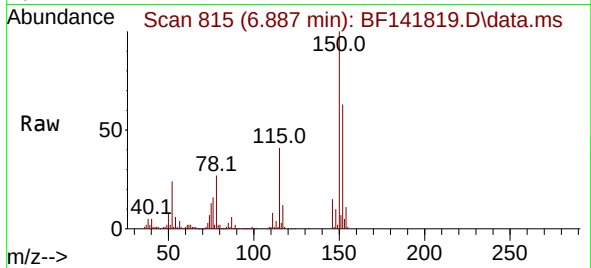




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF141819.D
 Acq: 03 Mar 2025 18:16

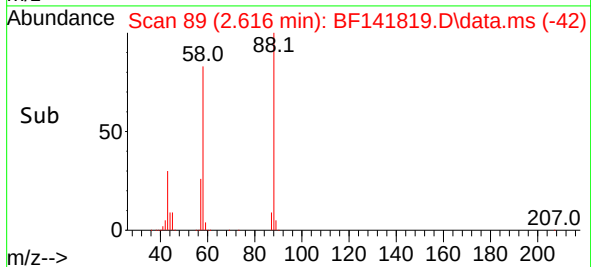
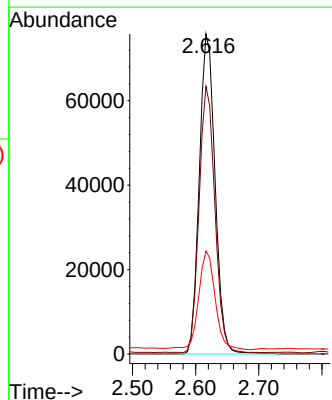
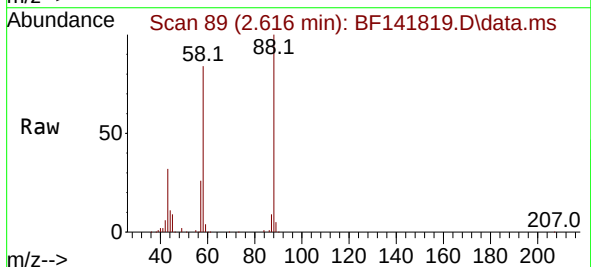
Instrument :
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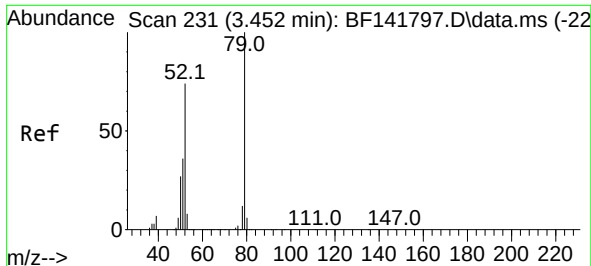
Tgt Ion:152 Resp: 111069
 Ion Ratio Lower Upper
 152 100
 150 158.6 127.5 191.3
 115 64.4 51.4 77.2



#2
 1,4-Dioxane
 Concen: 41.742 ng
 RT: 2.616 min Scan# 89
 Delta R.T. -0.071 min
 Lab File: BF141819.D
 Acq: 03 Mar 2025 18:16

Tgt Ion: 88 Resp: 131727
 Ion Ratio Lower Upper
 88 100
 58 83.1 63.9 95.9
 43 32.2 23.0 34.6





#3

Pyridine

Concen: 40.078 ng

RT: 3.393 min Scan# 21

Delta R.T. -0.059 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

Instrument :

BNA_F

ClientSampleId :

TR-04-02282025MS

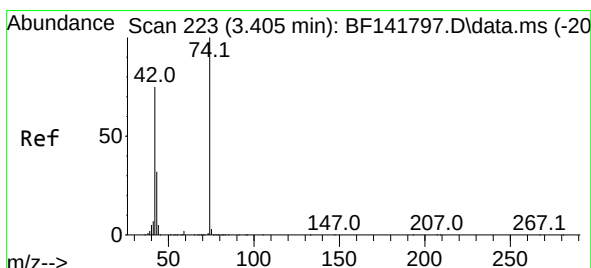
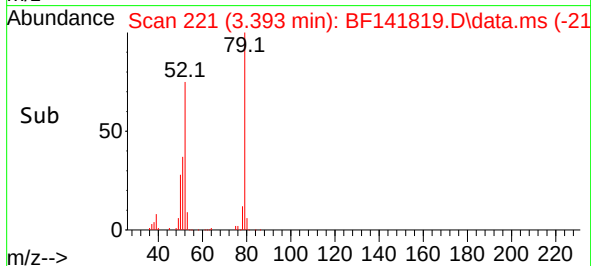
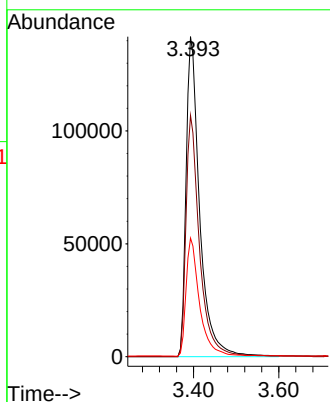
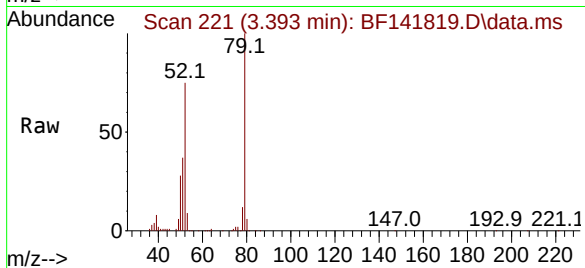
Tgt Ion: 79 Resp: 314690

Ion Ratio Lower Upper

79 100

52 75.4 59.0 88.4

51 37.1 29.0 43.4



#4

n-Nitrosodimethylamine

Concen: 32.032 ng

RT: 3.322 min Scan# 209

Delta R.T. -0.083 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

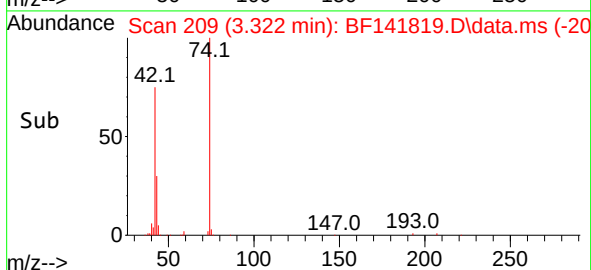
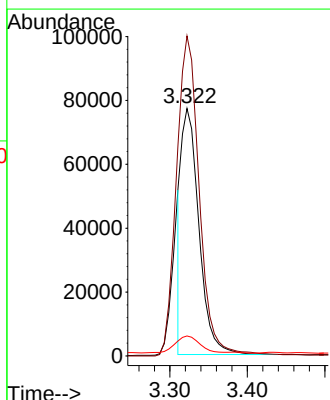
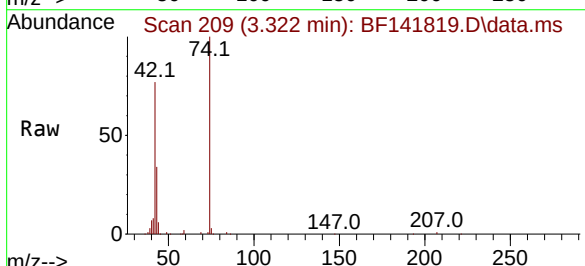
Tgt Ion: 42 Resp: 121017

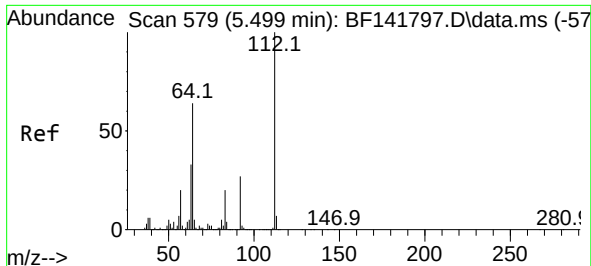
Ion Ratio Lower Upper

42 100

74 129.3 107.1 160.7

44 8.1 6.6 9.8

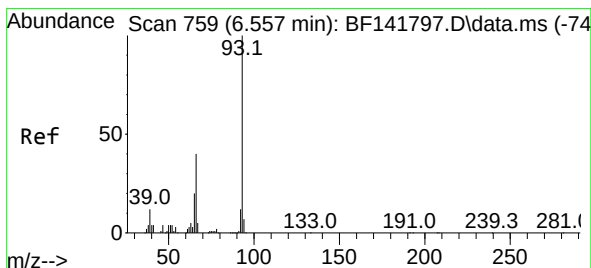
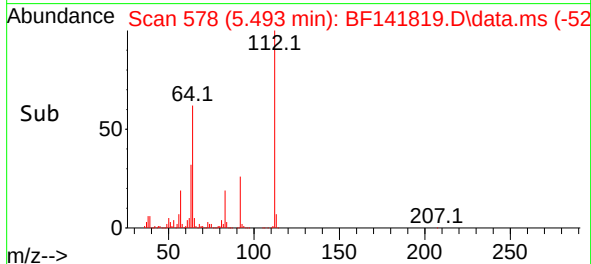
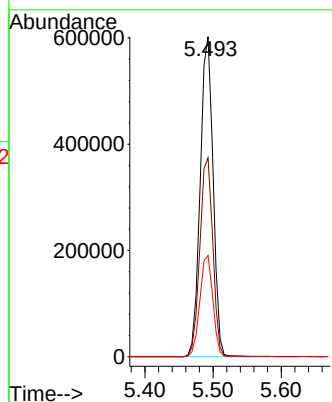
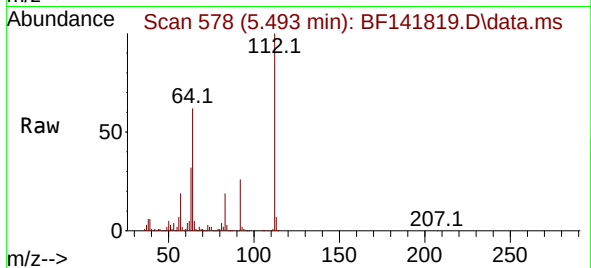




#5
2-Fluorophenol
Concen: 113.607 ng
RT: 5.493 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

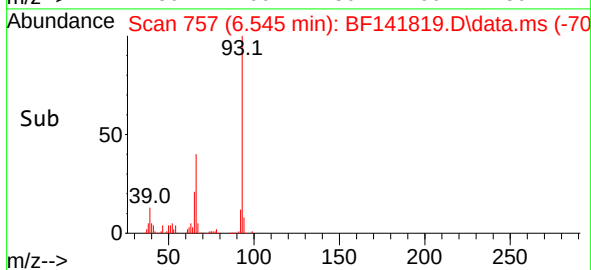
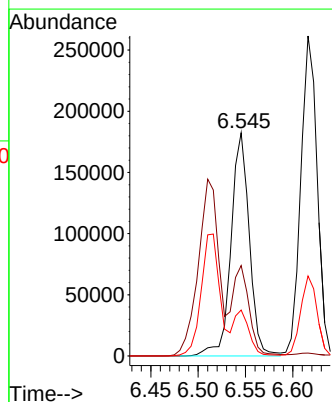
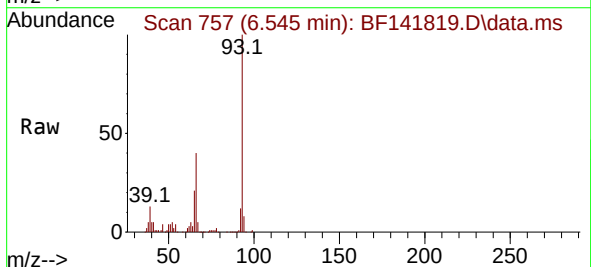
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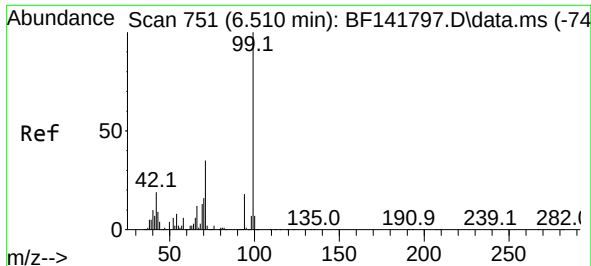
Tgt Ion:112 Resp: 790128
Ion Ratio Lower Upper
112 100
64 62.1 51.3 76.9
63 31.6 26.2 39.4



#6
Aniline
Concen: 26.054 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.012 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

Tgt Ion: 93 Resp: 245194
Ion Ratio Lower Upper
93 100
66 40.5 32.3 48.5
65 20.6 15.9 23.9





#7

Phenol-d6

Concen: 115.659 ng

RT: 6.498 min Scan# 749

Delta R.T. -0.012 min

Lab File: BF141819.D

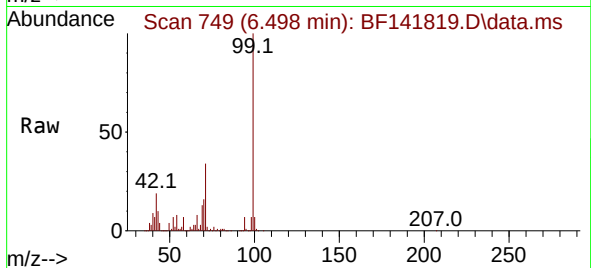
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Instrument :

BNA_F

ClientSampleId :

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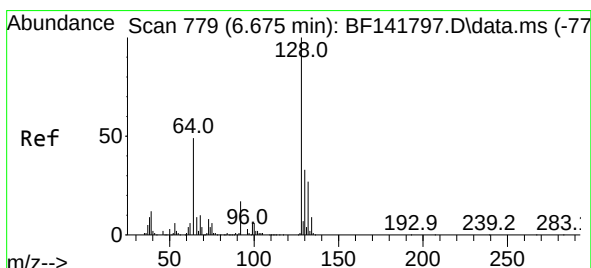
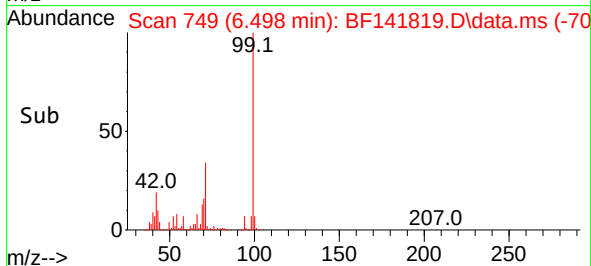
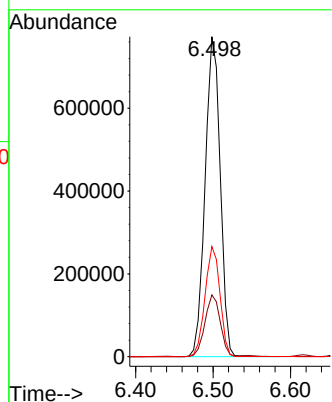
Tgt Ion: 99 Resp: 1046994

Ion Ratio Lower Upper

99 100

42 19.3 15.2 22.8

71 34.4 28.2 42.2



#8

2-Chlorophenol

Concen: 43.742 ng

RT: 6.669 min Scan# 778

Delta R.T. -0.006 min

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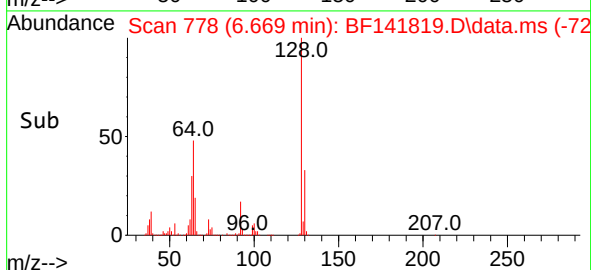
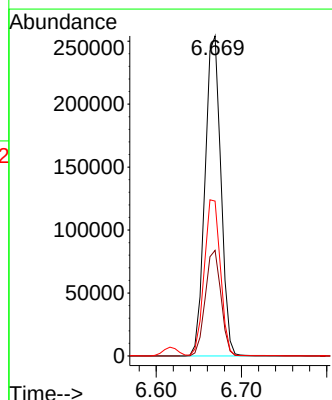
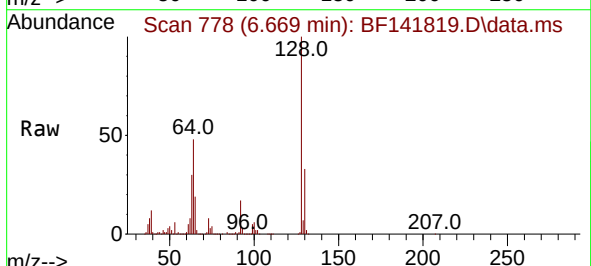
Tgt Ion:128 Resp: 329092

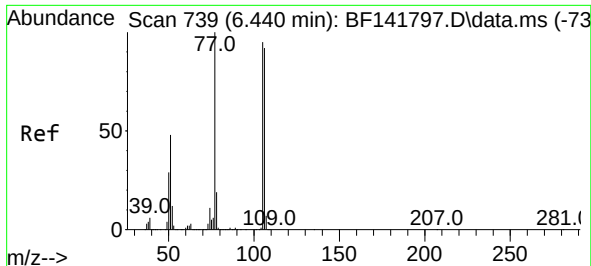
Ion Ratio Lower Upper

128 100

130 33.0 12.6 52.6

64 48.4 31.1 71.1

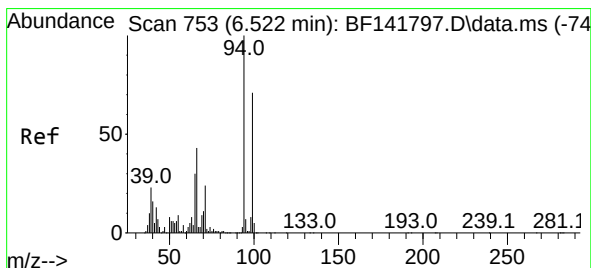
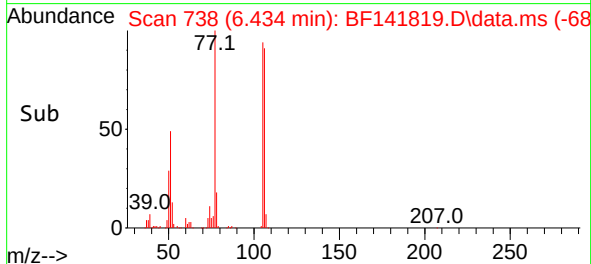
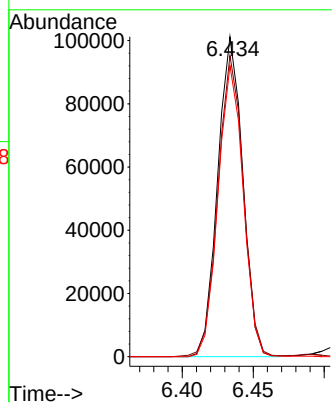
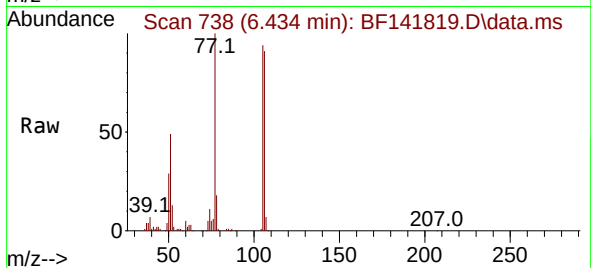




#9
Benzaldehyde
Concen: 23.552 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

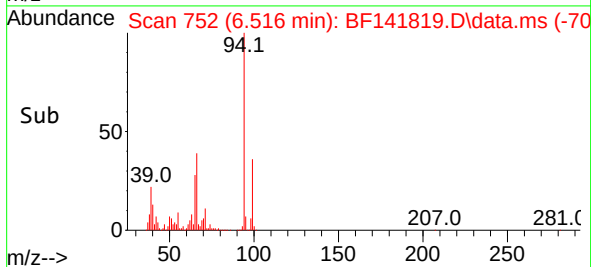
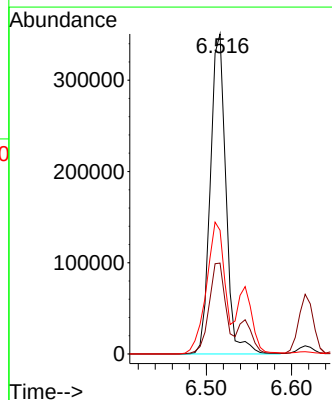
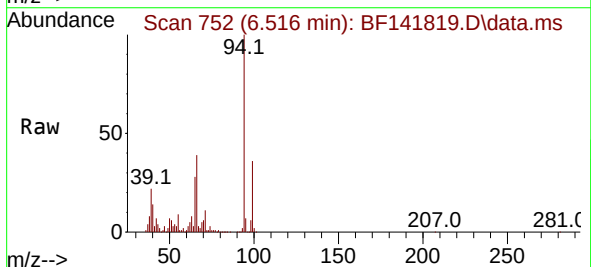
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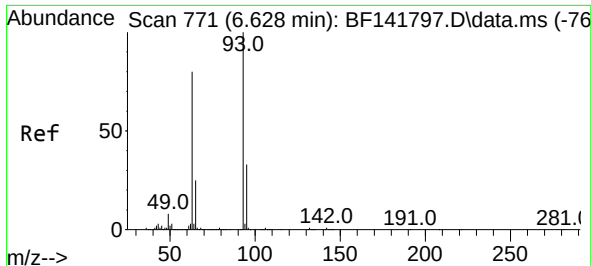
Tgt Ion: 77 Resp: 124013
Ion Ratio Lower Upper
77 100
105 94.1 75.3 115.3
106 91.0 72.3 112.3



#10
Phenol
Concen: 46.141 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

Tgt Ion: 94 Resp: 446333
Ion Ratio Lower Upper
94 100
65 28.4 10.2 50.2
66 38.7 23.2 63.2





#11

bis(2-Chloroethyl)ether

Concen: 42.566 ng

RT: 6.616 min Scan# 7

Delta R.T. -0.012 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

Instrument :

BNA_F

ClientSampleId :

TR-04-02282025MS

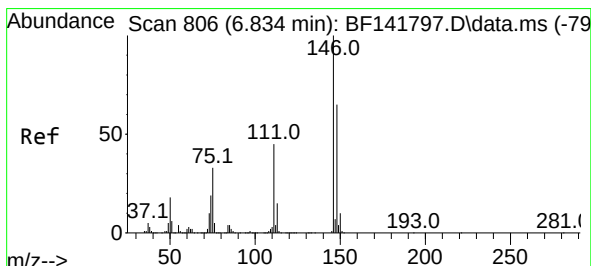
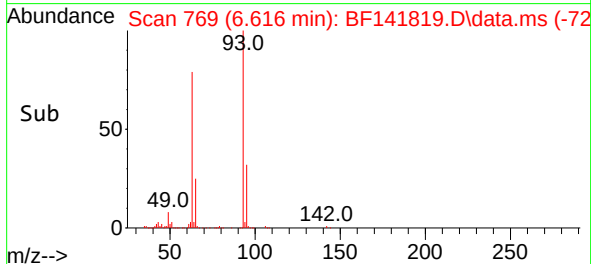
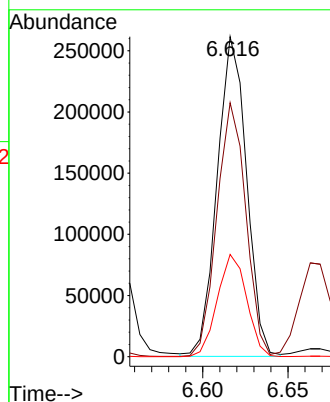
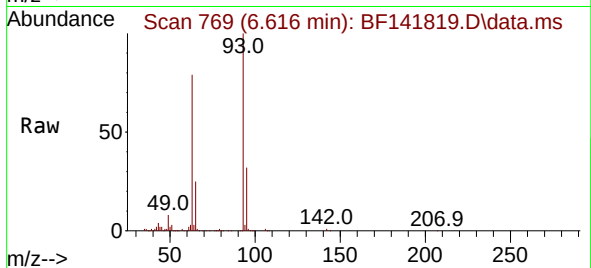
Tgt Ion: 93 Resp: 313865

Ion Ratio Lower Upper

93 100

63 79.3 59.3 99.3

95 32.0 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 42.957 ng

RT: 6.828 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

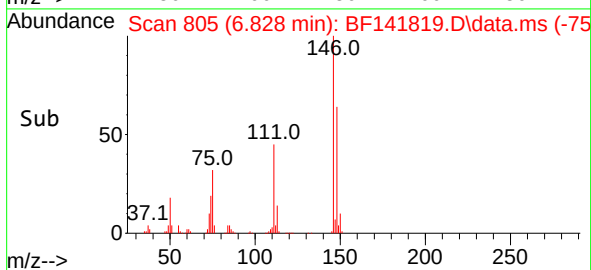
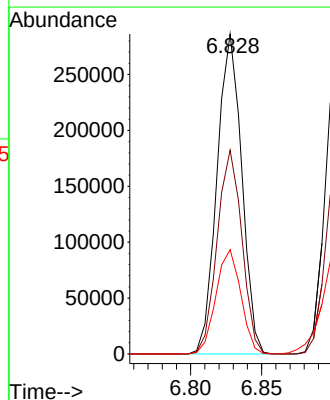
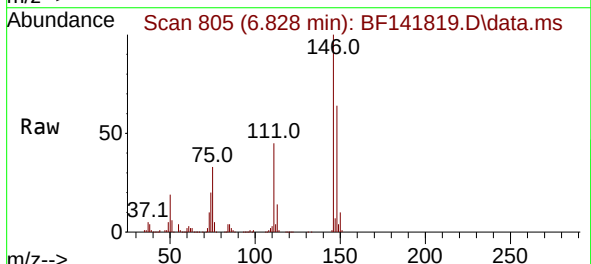
Tgt Ion:146 Resp: 346113

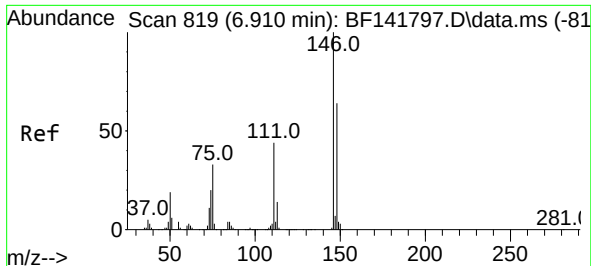
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

75 32.6 26.2 39.4

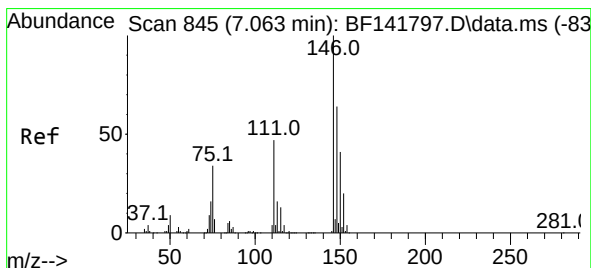
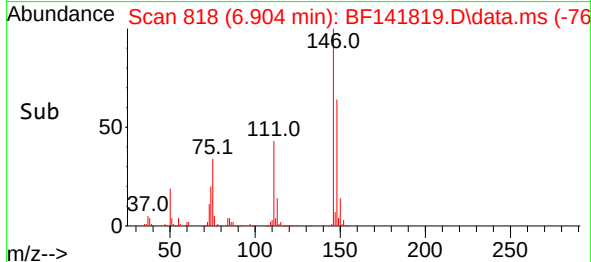
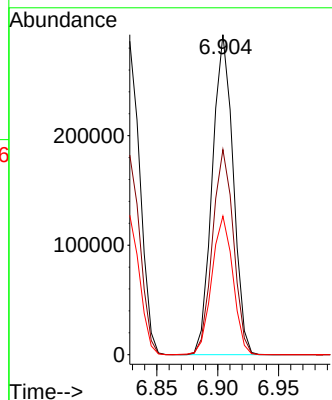
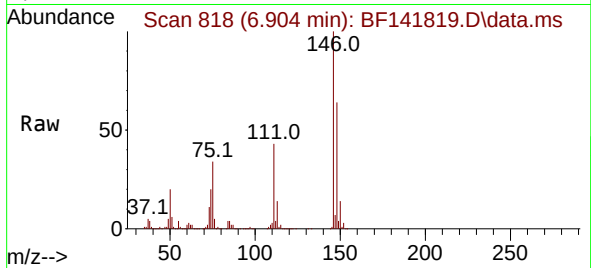




#13
1,4-Dichlorobenzene
Concen: 42.891 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

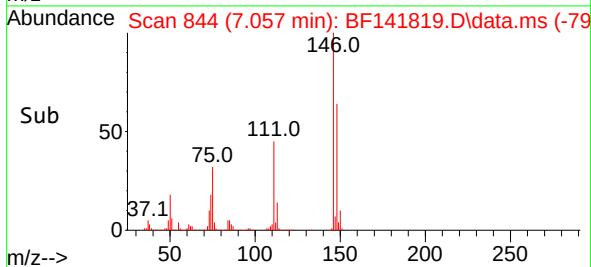
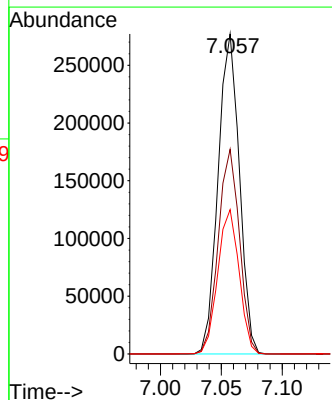
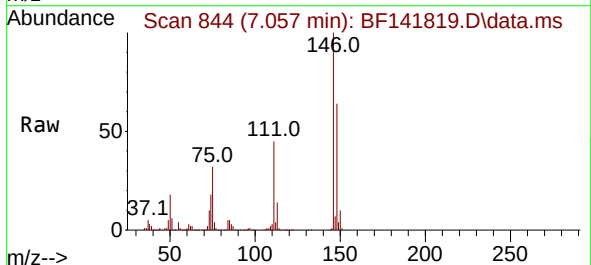
Instrument :
BNA_F
ClientSampleId :
TR-04-02282025MS

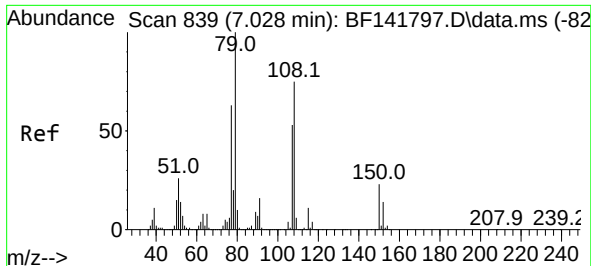
Tgt Ion:146 Resp: 348203
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
111 43.3 35.5 53.3



#14
1,2-Dichlorobenzene
Concen: 44.453 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

Tgt Ion:146 Resp: 336988
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
111 45.1 37.8 56.6

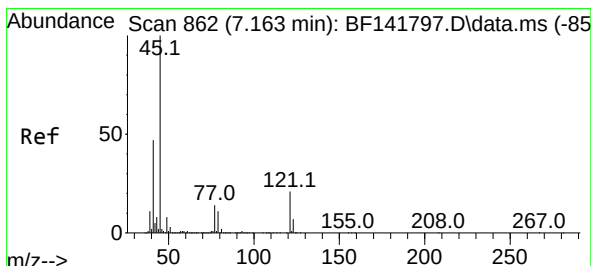
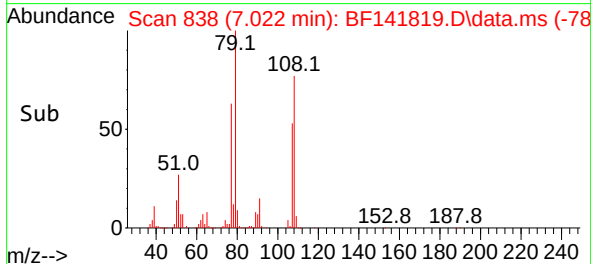
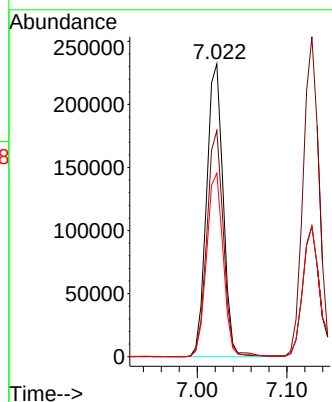
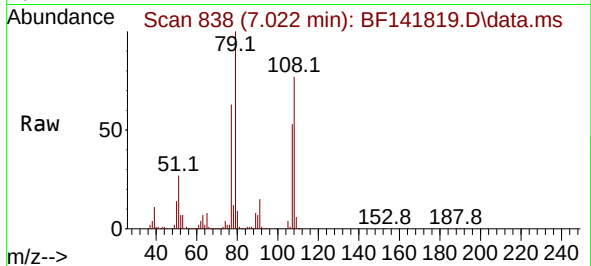




#15
Benzyl Alcohol
Concen: 41.037 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

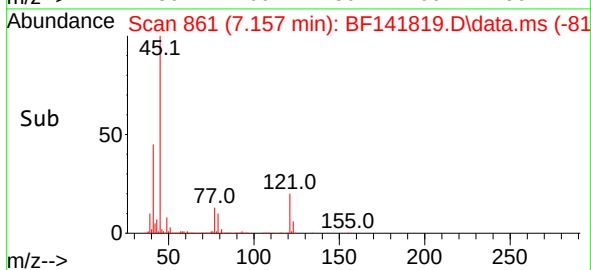
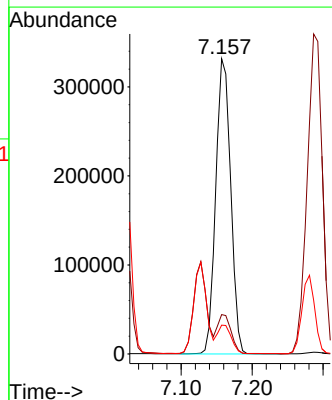
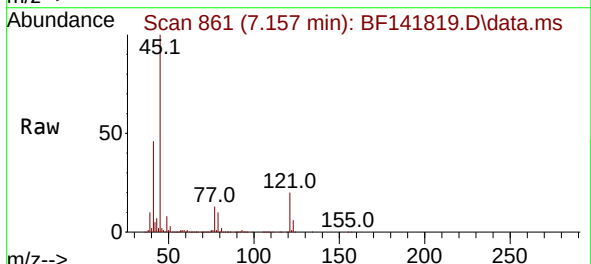
Instrument :
BNA_F
ClientSampleId :
TR-04-02282025MS

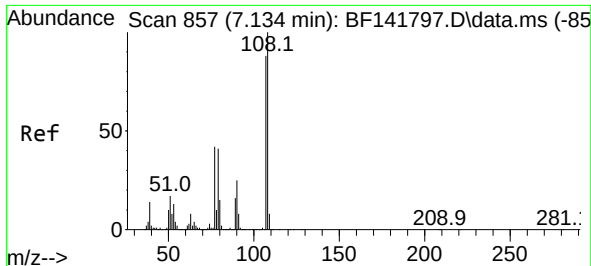
Tgt Ion: 79 Resp: 296892
Ion Ratio Lower Upper
79 100
108 77.2 60.2 90.2
77 62.7 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.137 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

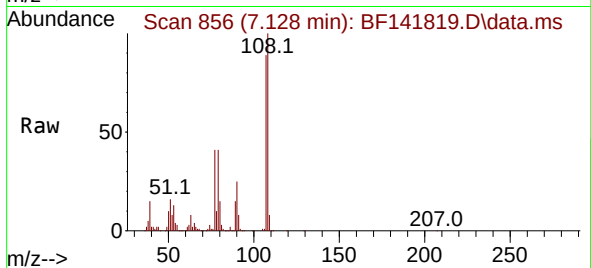
Tgt Ion: 45 Resp: 483054
Ion Ratio Lower Upper
45 100
77 13.4 0.0 34.4
79 9.8 0.0 30.9



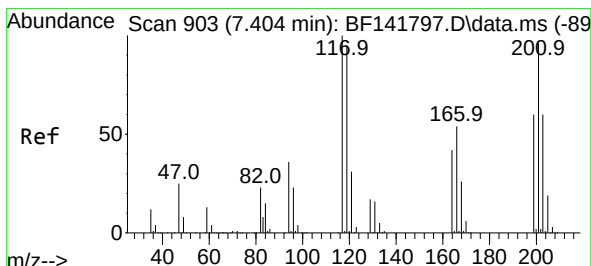
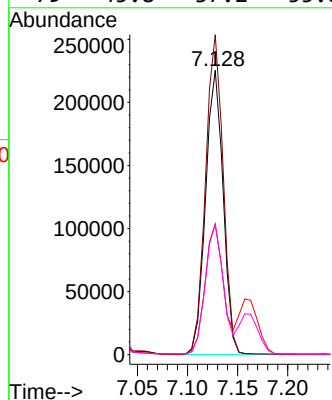
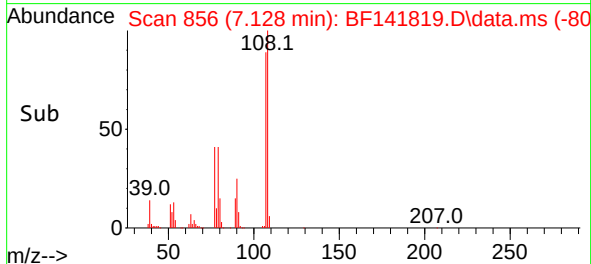


#17
2-Methylphenol
Concen: 44.367 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

Instrument :
BNA_F
ClientSampleId :
TR-04-02282025MS

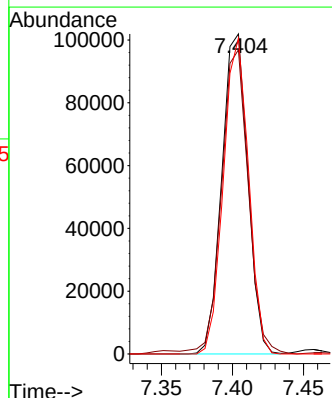
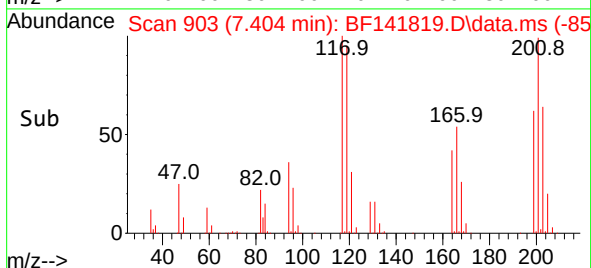
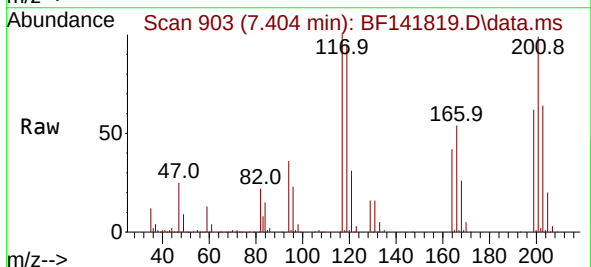


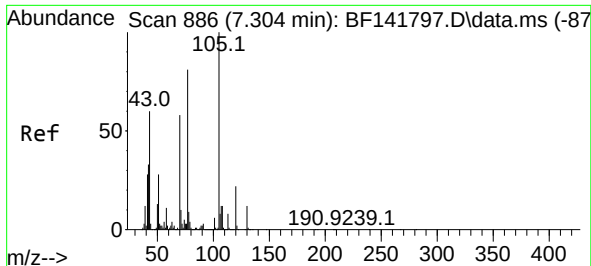
Tgt Ion:107 Resp: 275526
Ion Ratio Lower Upper
107 100
108 112.5 90.6 135.8
77 46.0 37.7 56.5
79 45.8 37.2 55.8



#18
Hexachloroethane
Concen: 42.688 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.000 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

Tgt Ion:117 Resp: 129709
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.8
201 98.7 76.7 115.1

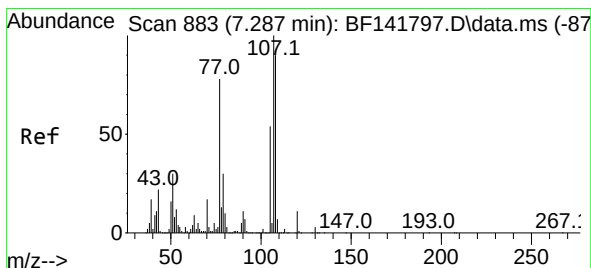
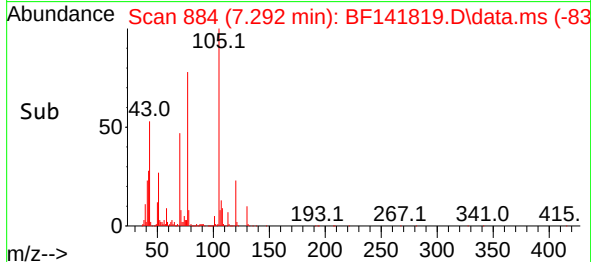
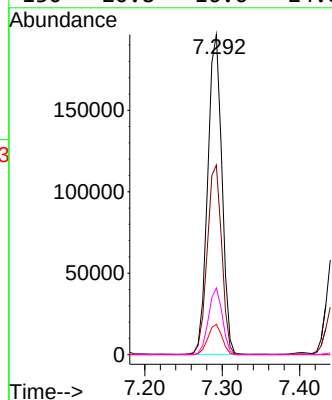
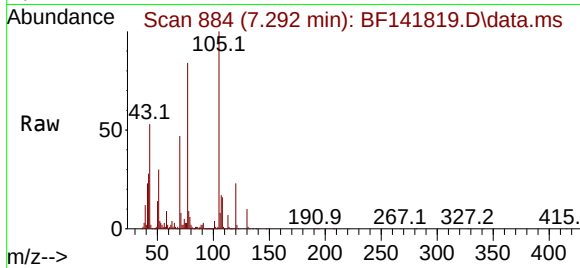




#19
n-Nitroso-di-n-propylamine
Concen: 41.876 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

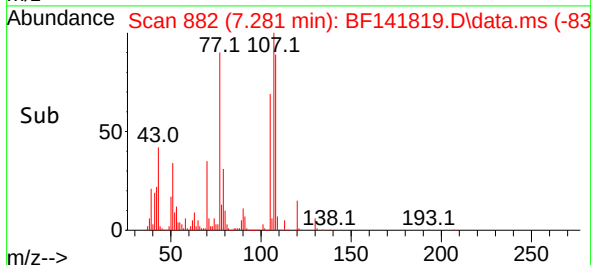
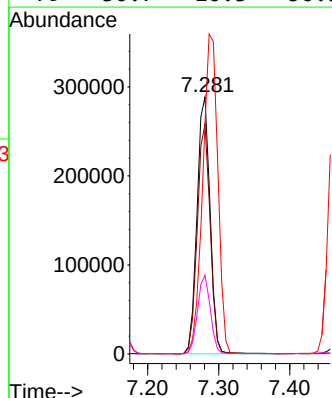
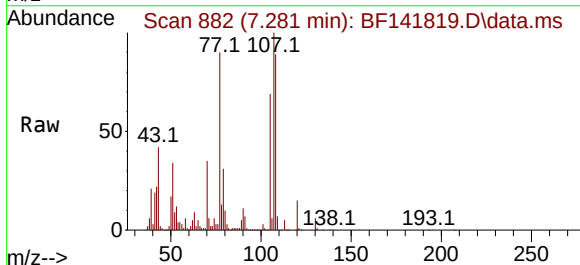
Instrument :
BNA_F
ClientSampleId :
TR-04-02282025MS

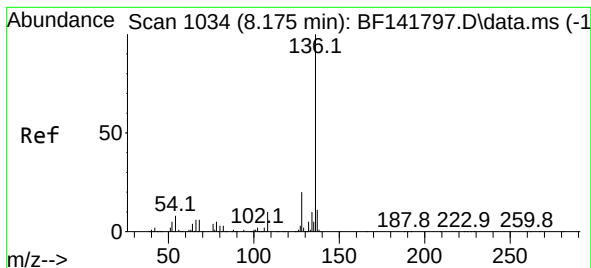
Tgt Ion: 70 Resp: 249193
Ion Ratio Lower Upper
70 100
42 59.3 45.4 68.0
101 9.5 7.8 11.8
130 20.8 16.6 24.8



#20
3+4-Methylphenols
Concen: 47.698 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

Tgt Ion: 107 Resp: 368849
Ion Ratio Lower Upper
107 100
108 89.5 69.7 109.7
77 89.7 58.3 98.3
79 30.7 10.3 50.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

Instrument :

BNA_F

ClientSampleId :

TR-04-02282025MS

Tgt Ion:136 Resp: 466588

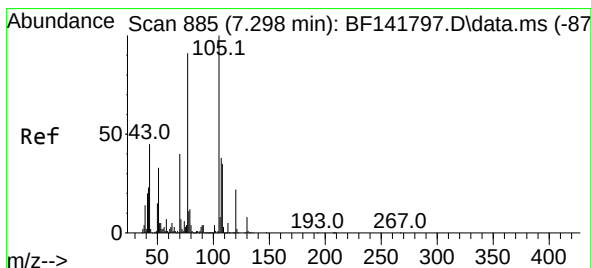
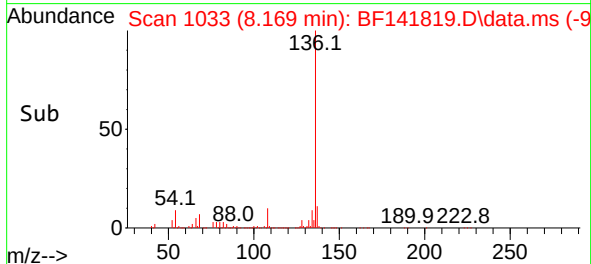
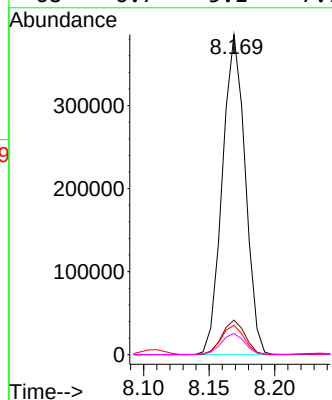
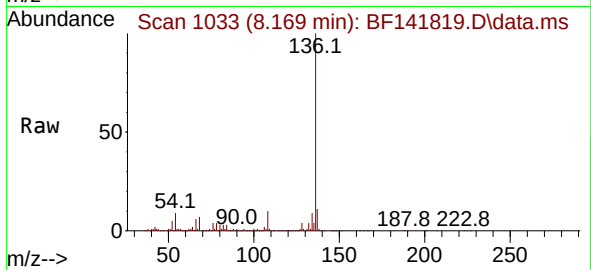
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.2 6.9 10.3

68 6.7 5.1 7.7



#22

Acetophenone

Concen: 46.051 ng

RT: 7.292 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

Tgt Ion:105 Resp: 523320

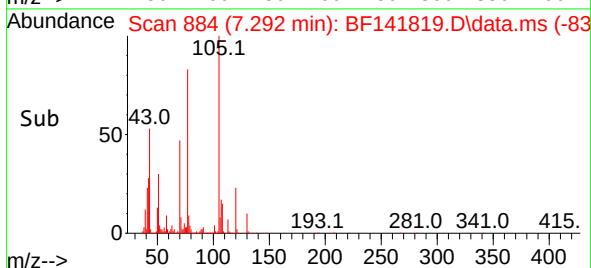
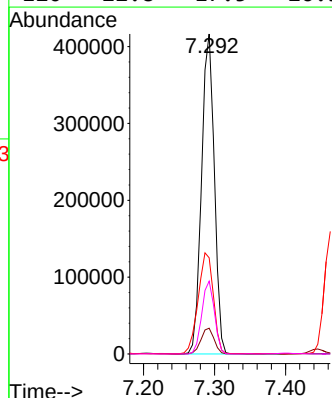
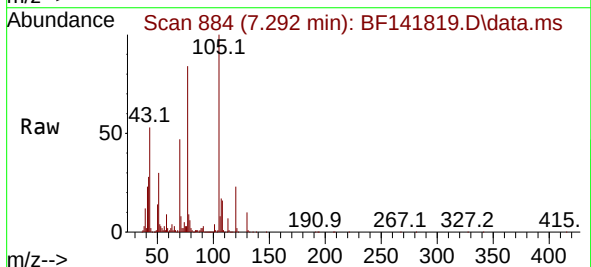
Ion Ratio Lower Upper

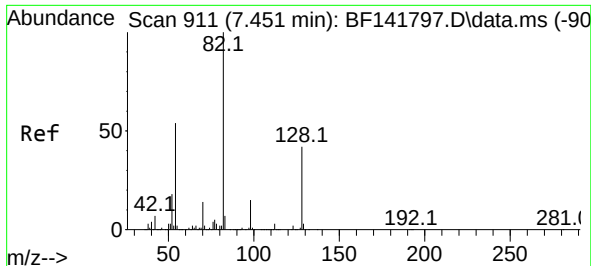
105 100

71 8.0 5.4 8.0#

51 30.1 26.1 39.1

120 22.8 17.5 26.3





#23

Nitrobenzene-d5

Concen: 85.100 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

Instrument :

BNA_F

ClientSampleId :

TR-04-02282025MS

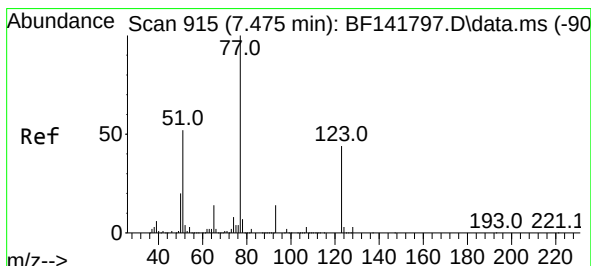
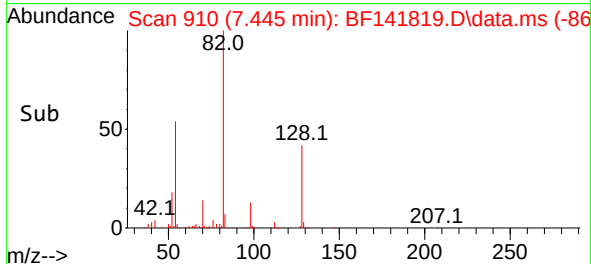
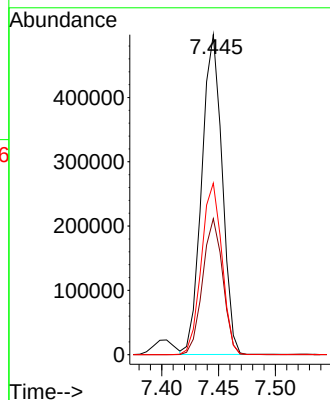
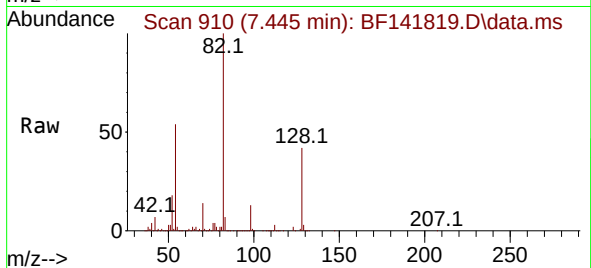
Tgt Ion: 82 Resp: 621192

Ion Ratio Lower Upper

82 100

128 42.5 33.5 50.3

54 53.6 42.7 64.1



#24

Nitrobenzene

Concen: 45.977 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

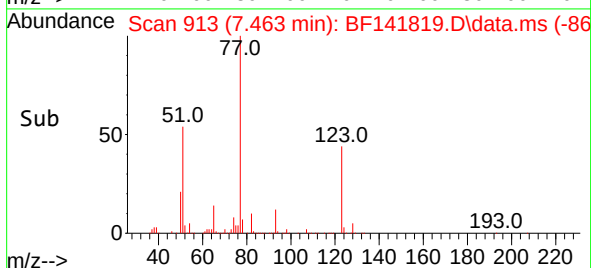
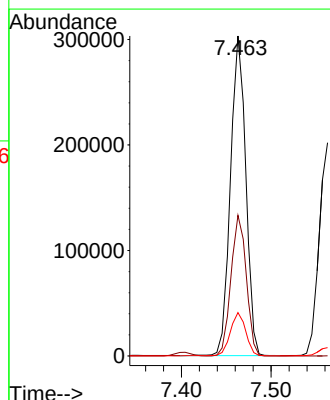
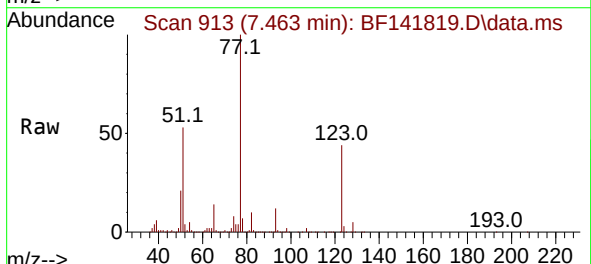
Tgt Ion: 77 Resp: 359391

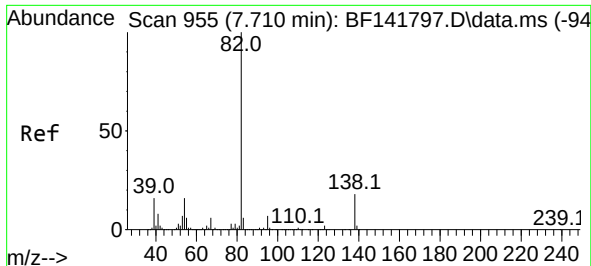
Ion Ratio Lower Upper

77 100

123 43.9 35.8 53.8

65 13.6 11.2 16.8

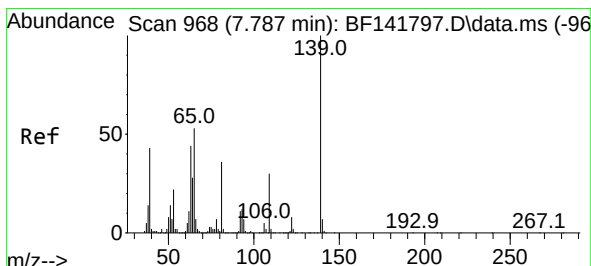
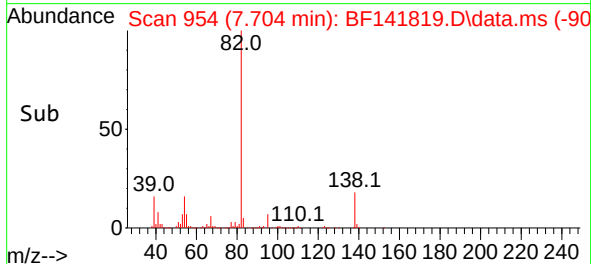
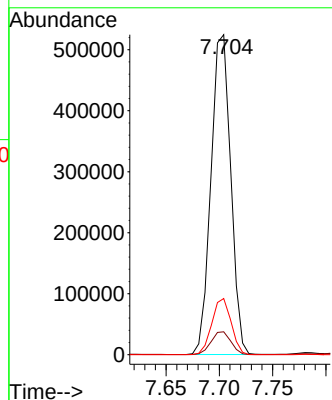
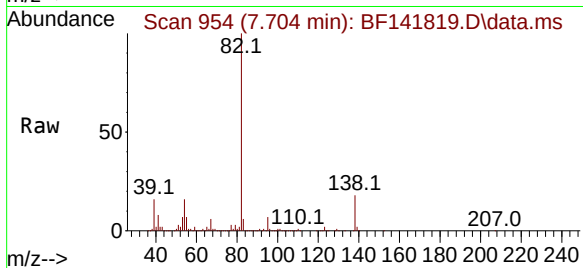




#25
Isophorone
Concen: 43.090 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

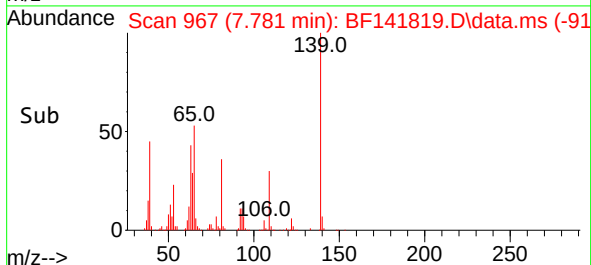
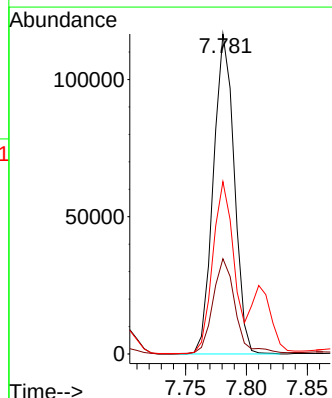
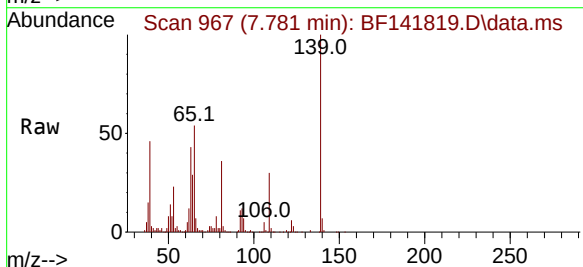
Instrument :
BNA_F
ClientSampleId :
TR-04-02282025MS

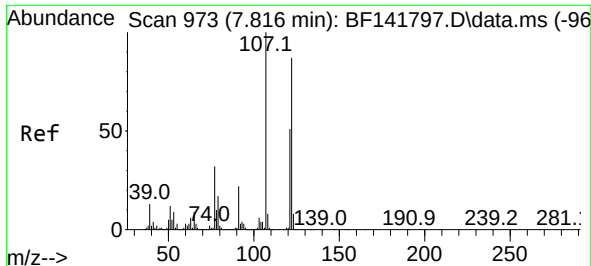
Tgt Ion: 82 Resp: 675743
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 17.5 14.0 21.0



#26
2-Nitrophenol
Concen: 40.499 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

Tgt Ion: 139 Resp: 138674
Ion Ratio Lower Upper
139 100
109 29.8 24.1 36.1
65 53.8 42.3 63.5





#27

2,4-Dimethylphenol

Concen: 52.698 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

Instrument :

BNA_F

ClientSampleId :

TR-04-02282025MS

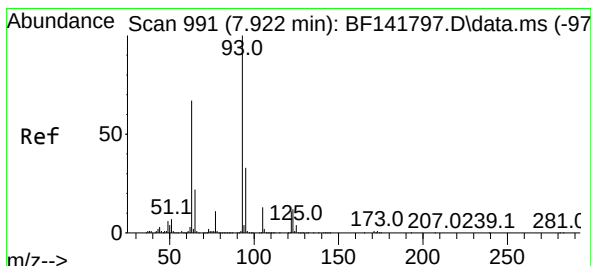
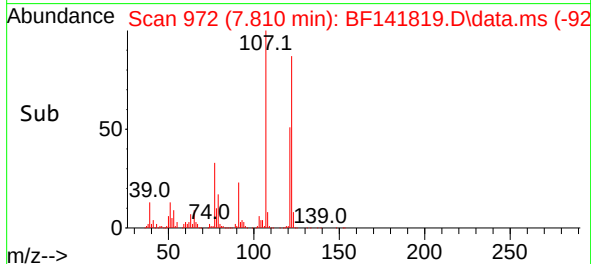
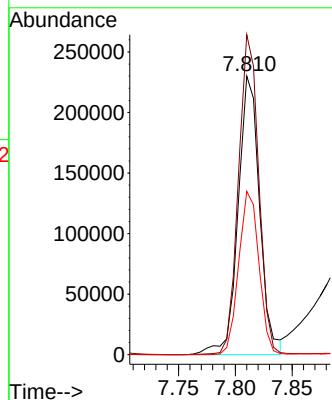
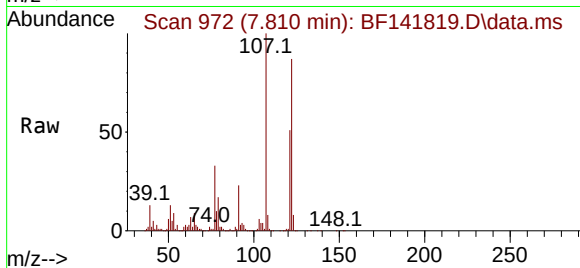
Tgt Ion:122 Resp: 303781

Ion Ratio Lower Upper

122 100

107 114.8 92.5 138.7

121 58.6 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 40.215 ng

RT: 7.916 min Scan# 990

Delta R.T. -0.006 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

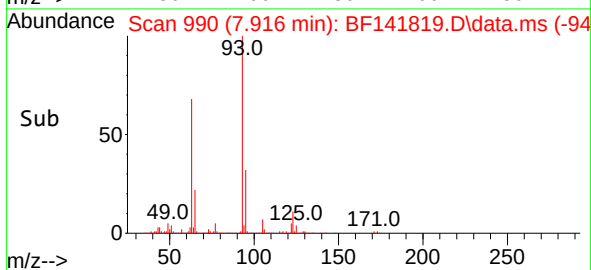
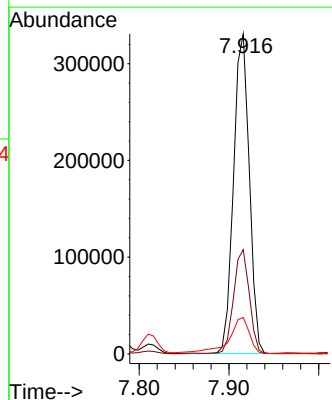
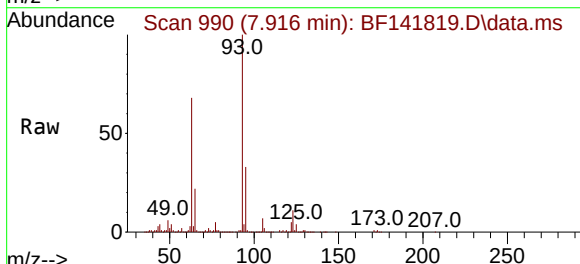
Tgt Ion: 93 Resp: 402295

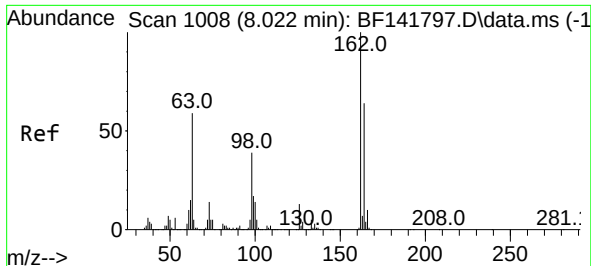
Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

123 11.4 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 44.562 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

Instrument :

BNA_F

ClientSampleId :

TR-04-02282025MS

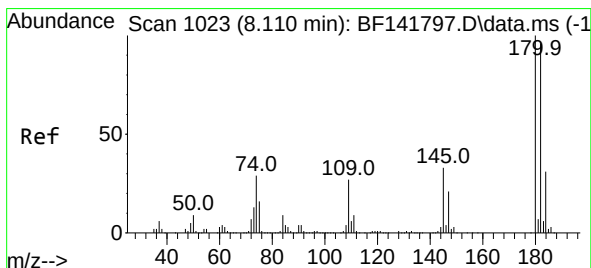
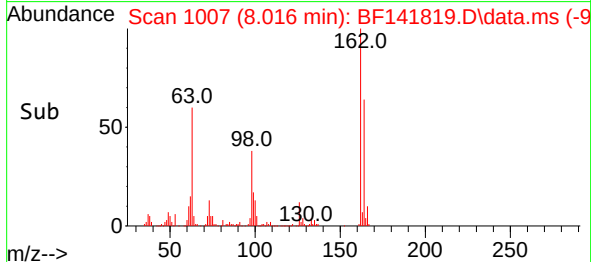
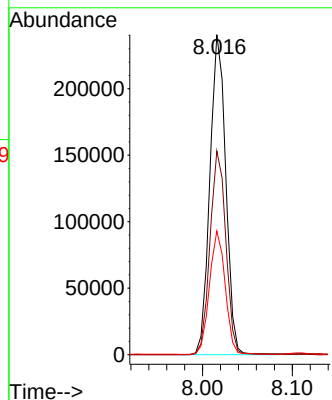
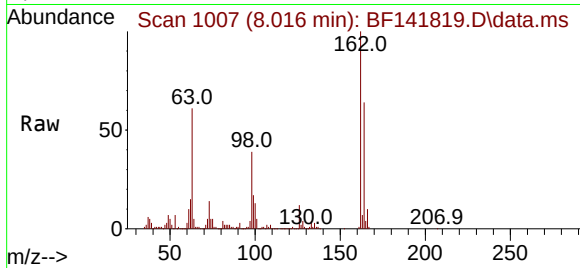
Tgt Ion:162 Resp: 296348

Ion Ratio Lower Upper

162 100

164 63.7 44.3 84.3

98 38.6 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 41.411 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

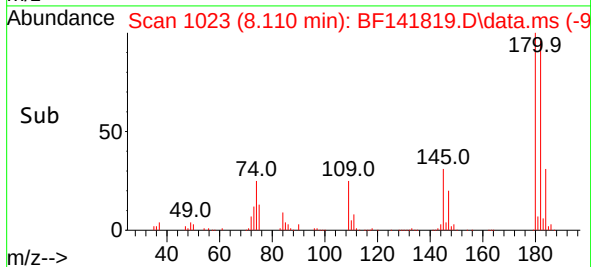
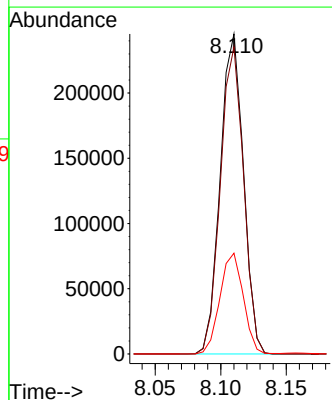
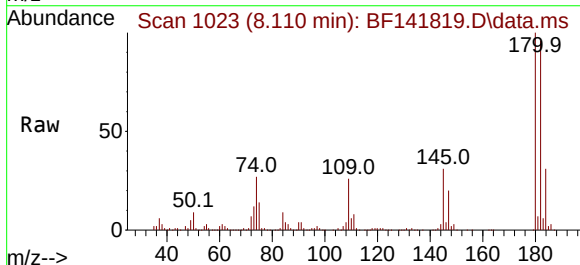
Tgt Ion:180 Resp: 301771

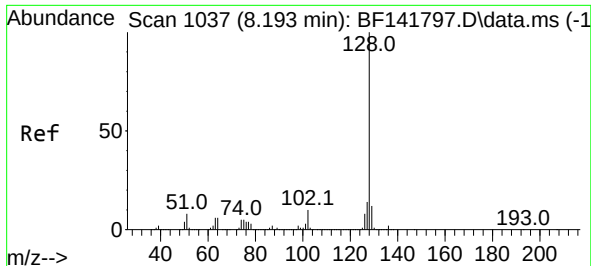
Ion Ratio Lower Upper

180 100

182 95.9 76.8 115.2

145 31.5 26.4 39.6

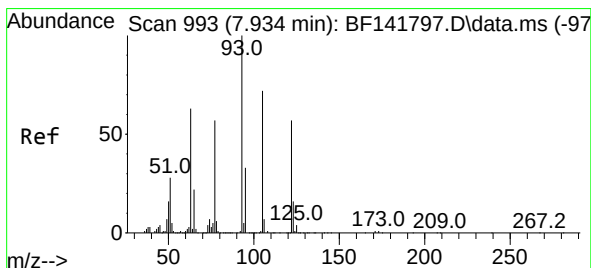
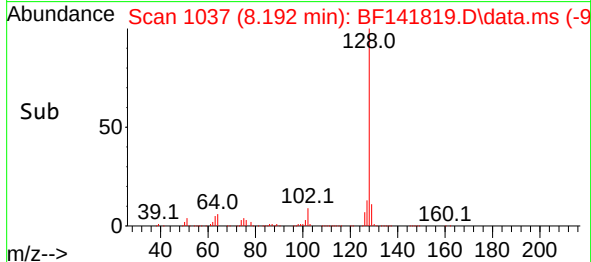
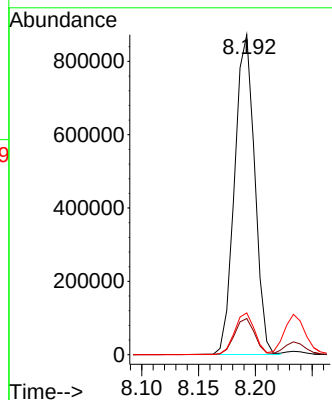
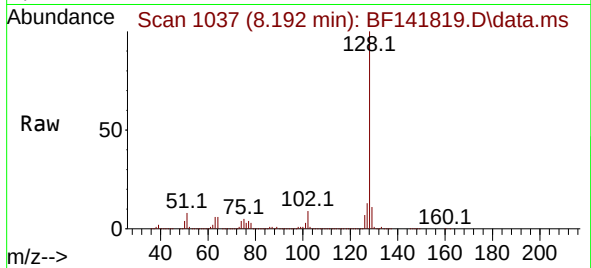




#31
Naphthalene
Concen: 44.635 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

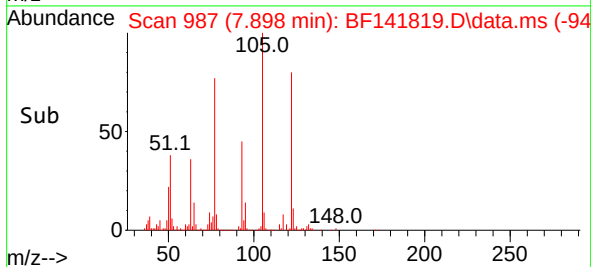
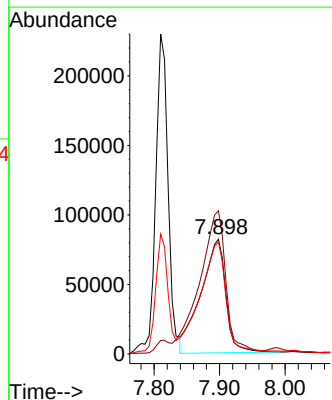
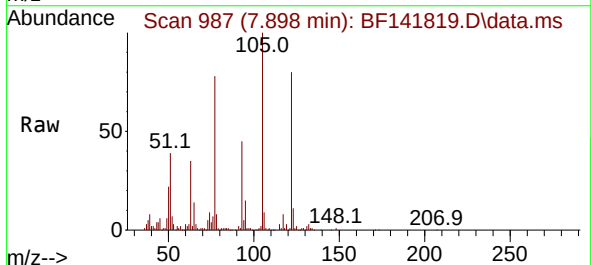
Instrument :
BNA_F
ClientSampleId :
TR-04-02282025MS

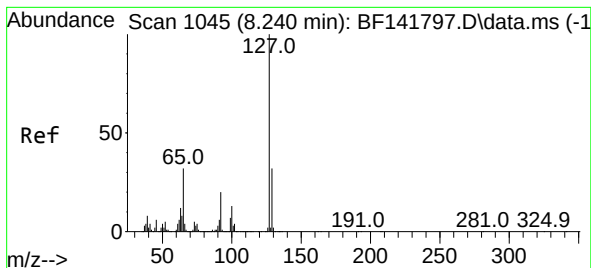
Tgt Ion:128 Resp: 1070374
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.1 11.0 16.4



#32
Benzoic acid
Concen: 45.579 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.036 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

Tgt Ion:122 Resp: 217073
Ion Ratio Lower Upper
122 100
105 124.8 105.8 145.8
77 97.6 79.9 119.9





#33

4-Chloroaniline

Concen: 16.406 ng

RT: 8.234 min Scan# 1044

Delta R.T. -0.006 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

Instrument :

BNA_F

ClientSampleId :

TR-04-02282025MS

Tgt Ion:127 Resp: 144256

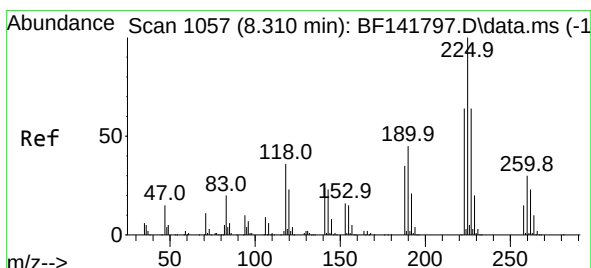
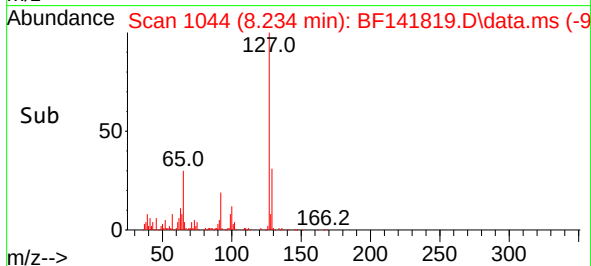
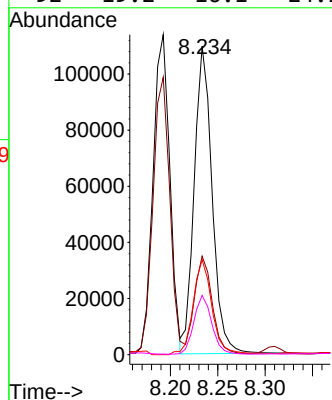
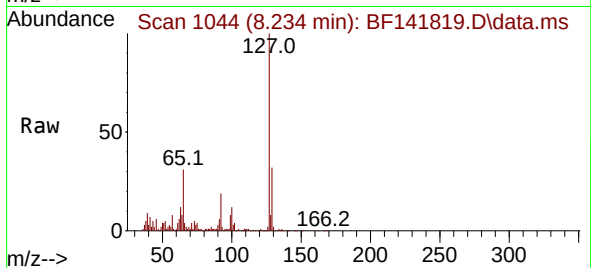
Ion Ratio Lower Upper

127 100

129 31.9 26.1 39.1

65 30.8 25.7 38.5

92 19.2 16.1 24.1



#34

Hexachlorobutadiene

Concen: 39.713 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.000 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

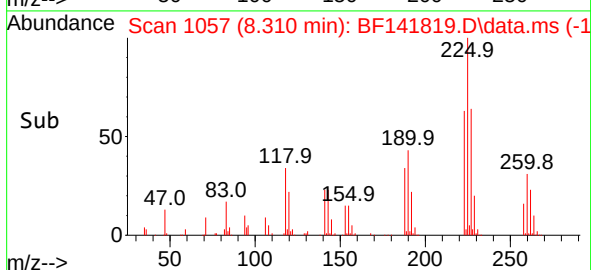
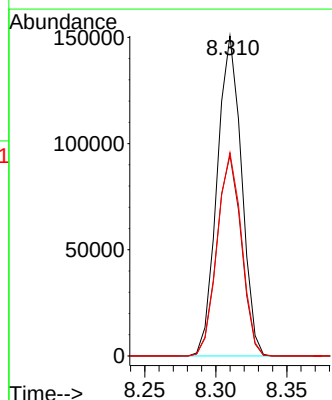
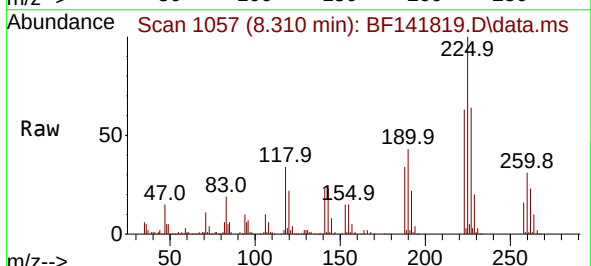
Tgt Ion:225 Resp: 179837

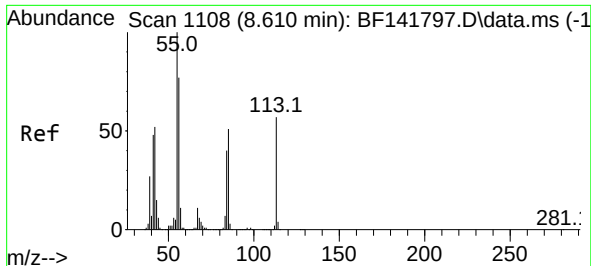
Ion Ratio Lower Upper

225 100

223 62.7 51.4 77.2

227 63.5 51.6 77.4

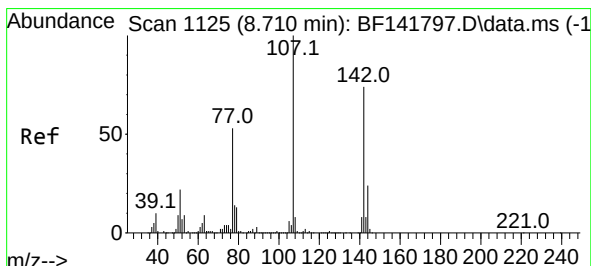
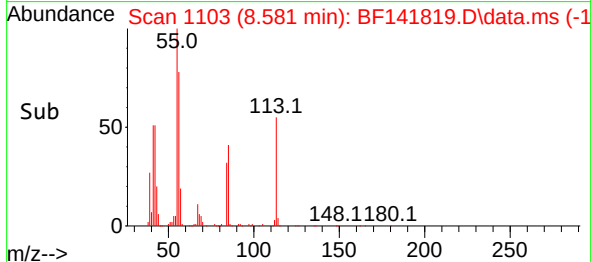
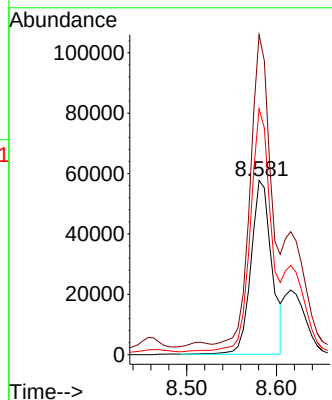
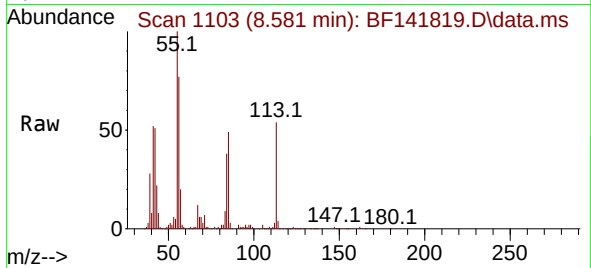




#35
Caprolactam
Concen: 45.097 ng
RT: 8.581 min Scan# 1103
Delta R.T. -0.030 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

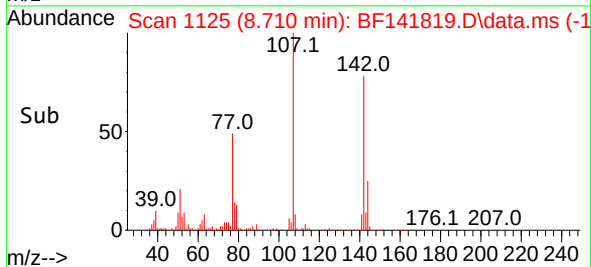
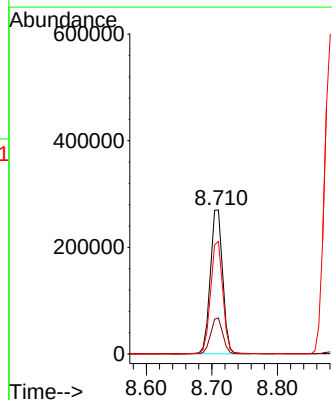
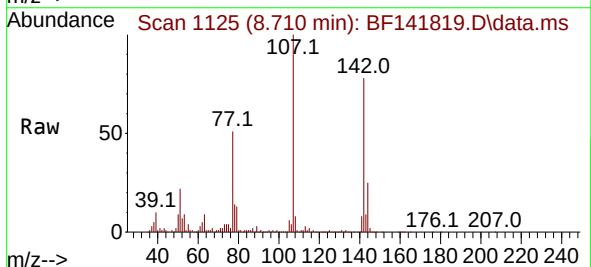
Instrument :
BNA_F
ClientSampleId :
TR-04-02282025MS

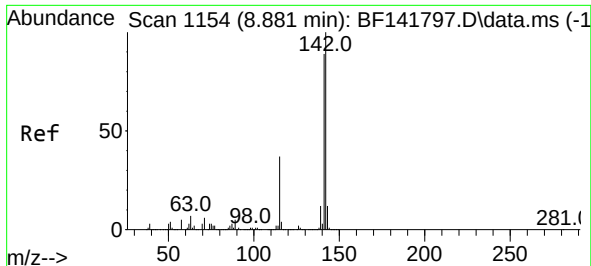
Tgt Ion:113 Resp: 92261
Ion Ratio Lower Upper
113 100
55 183.7 155.6 195.6
56 141.1 114.6 154.6



#36
4-Chloro-3-methylphenol
Concen: 48.241 ng
RT: 8.710 min Scan# 1125
Delta R.T. -0.000 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

Tgt Ion:107 Resp: 356381
Ion Ratio Lower Upper
107 100
144 25.0 19.4 29.0
142 78.1 59.4 89.0





#37

2-Methylnaphthalene

Concen: 46.231 ng

RT: 8.881 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

Instrument :

BNA_F

ClientSampleId :

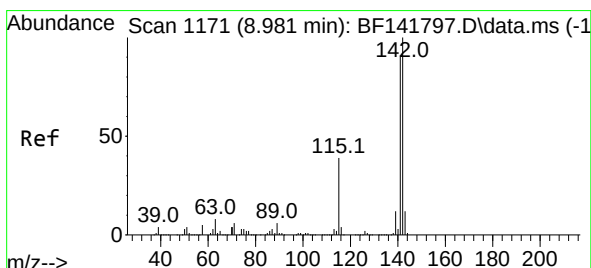
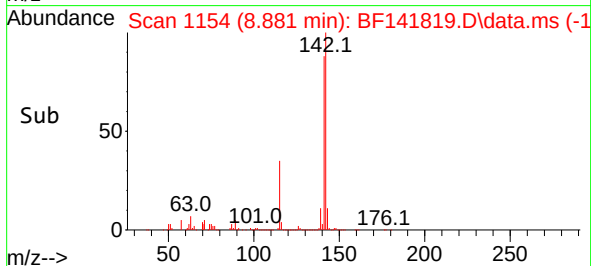
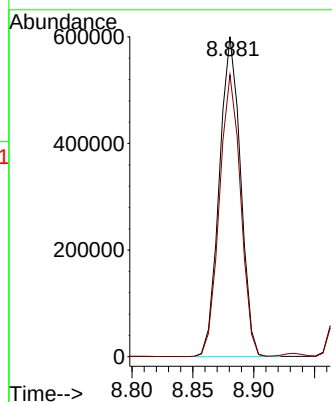
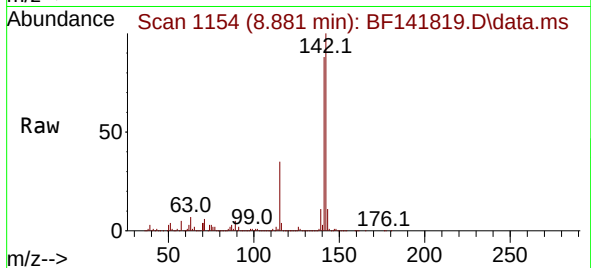
TR-04-02282025MS

Tgt Ion:142 Resp: 727188

Ion Ratio Lower Upper

142 100

141 88.1 71.1 106.7



#38

1-Methylnaphthalene

Concen: 47.532 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF141819.D

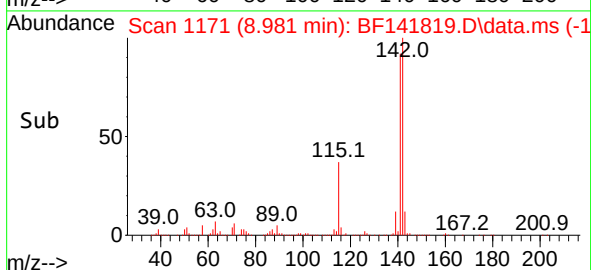
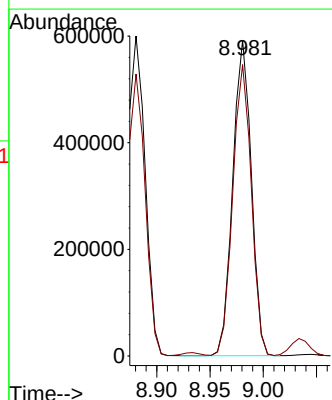
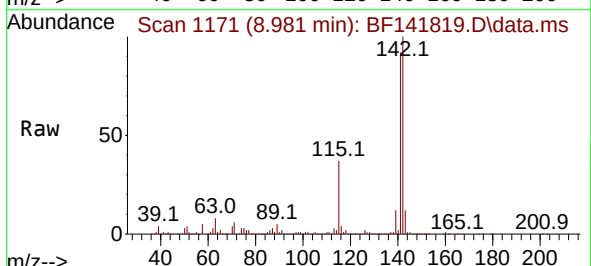
Acq: 03 Mar 2025 18:16

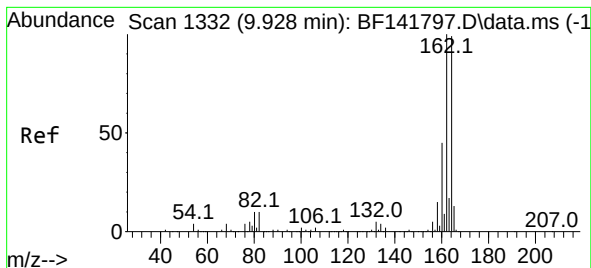
Tgt Ion:142 Resp: 717379

Ion Ratio Lower Upper

142 100

141 92.3 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

Instrument :

BNA_F

ClientSampleId :

TR-04-02282025MS

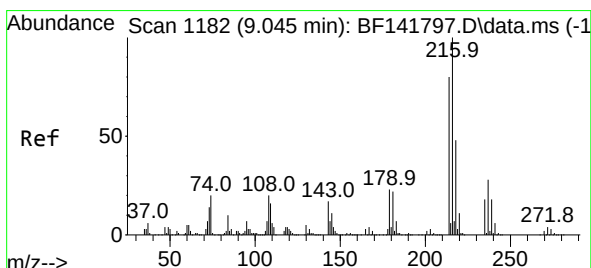
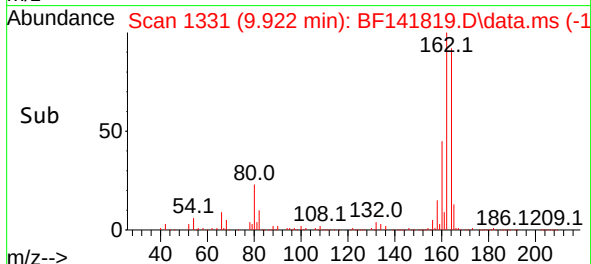
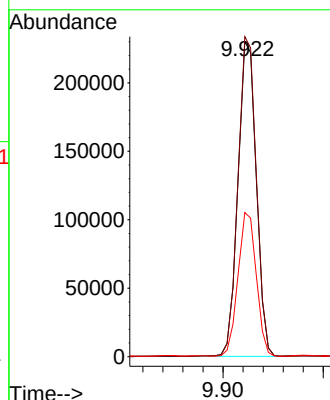
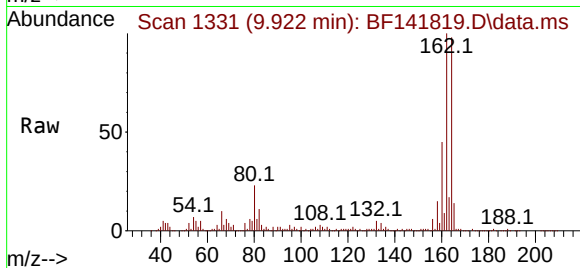
Tgt Ion:164 Resp: 292659

Ion Ratio Lower Upper

164 100

162 101.6 80.6 120.8

160 45.7 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.718 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

Tgt Ion:216 Resp: 369518

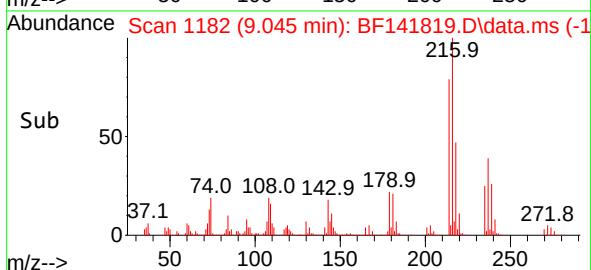
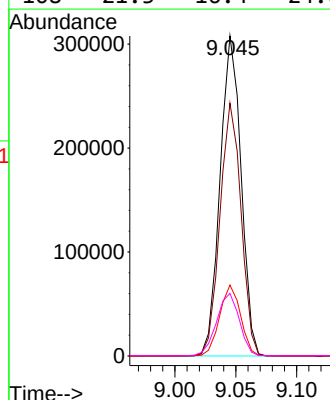
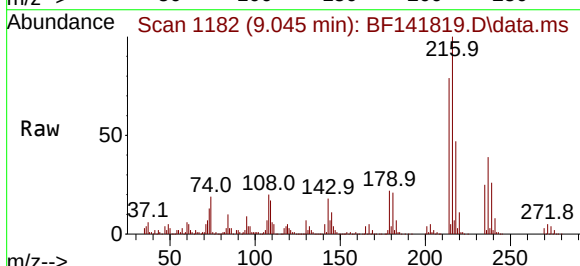
Ion Ratio Lower Upper

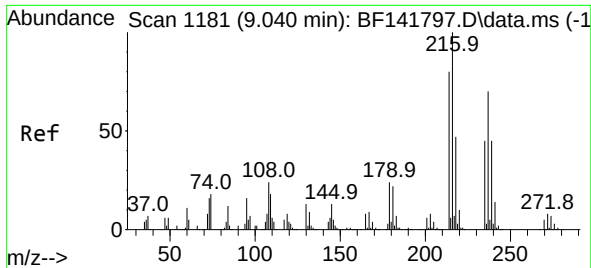
216 100

214 79.1 63.5 95.3

179 22.1 18.1 27.1

108 21.3 16.4 24.6

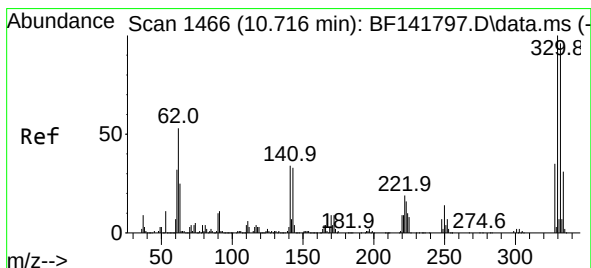
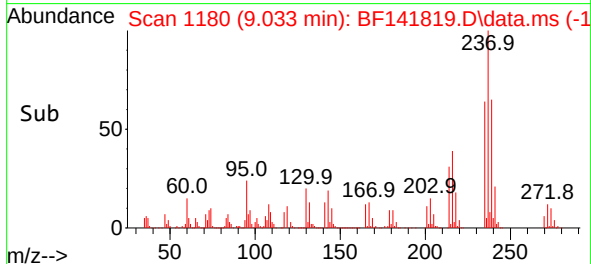
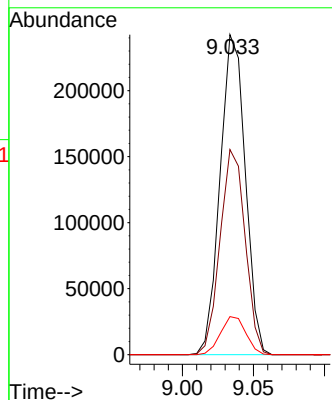
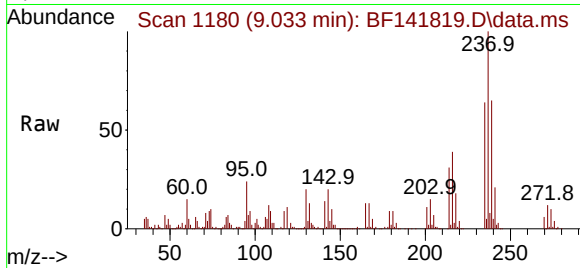




#41
Hexachlorocyclopentadiene
Concen: 84.821 ng
RT: 9.033 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

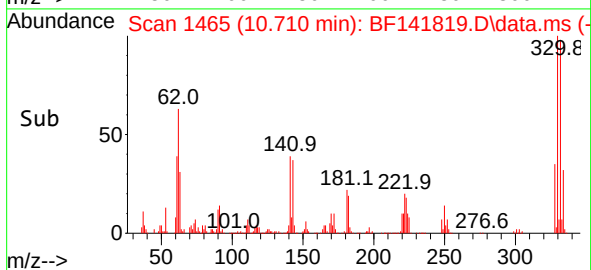
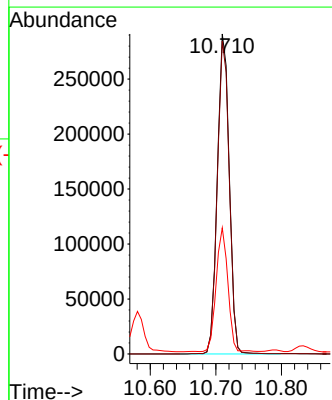
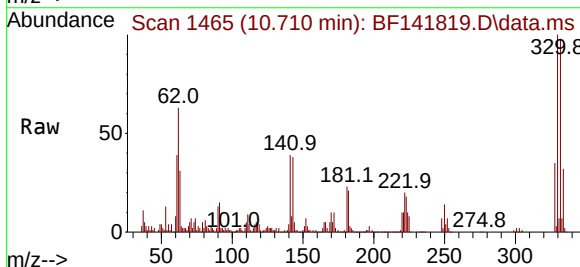
Instrument :
BNA_F
ClientSampleId :
TR-04-02282025MS

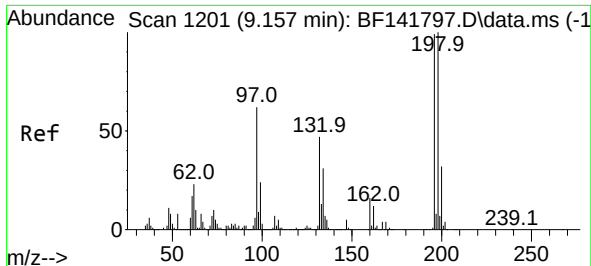
Tgt Ion:237 Resp: 299195
Ion Ratio Lower Upper
237 100
235 64.1 43.3 83.3
272 11.9 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 133.993 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

Tgt Ion:330 Resp: 368150
Ion Ratio Lower Upper
330 100
332 97.6 76.6 115.0
141 38.0 29.0 43.4

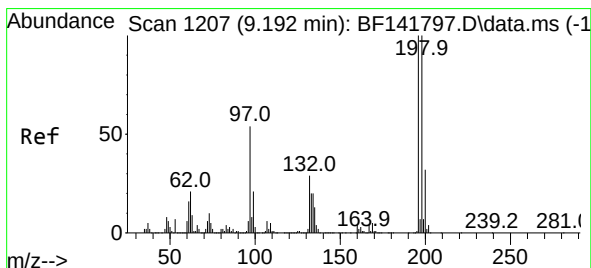
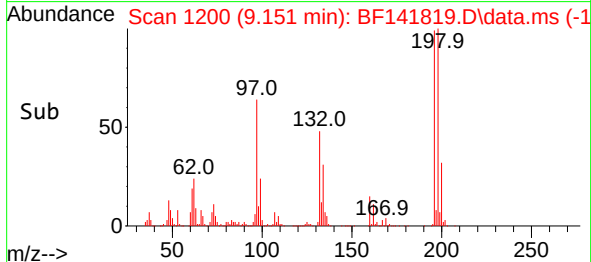
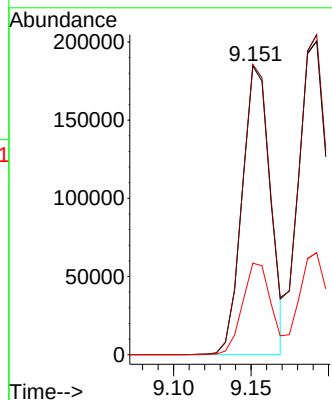
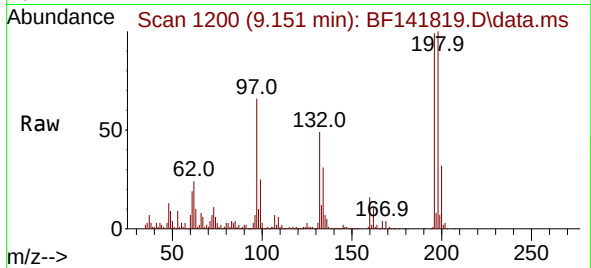




#43
2,4,6-Trichlorophenol
Concen: 42.678 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

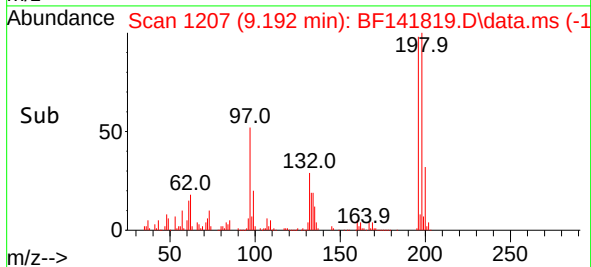
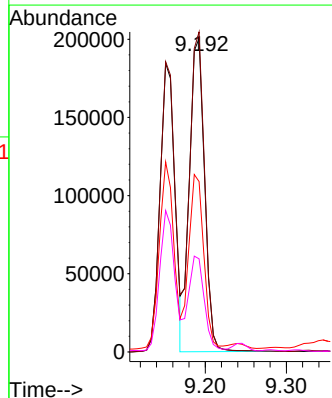
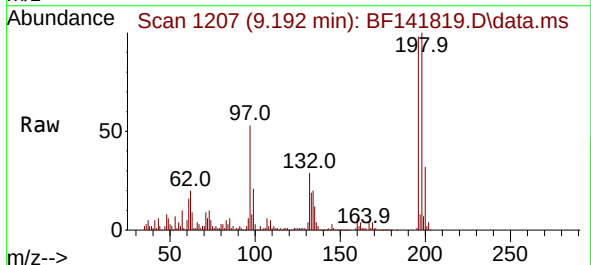
Instrument :
BNA_F
ClientSampleId :
TR-04-02282025MS

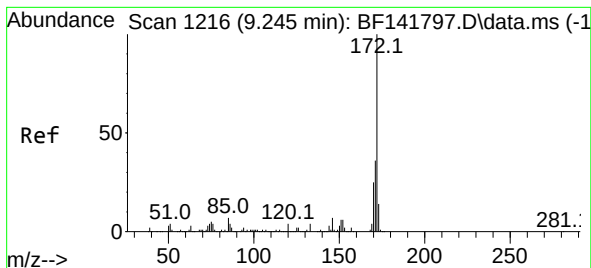
Tgt Ion:196 Resp: 233014
Ion Ratio Lower Upper
196 100
198 100.6 80.4 120.6
200 31.7 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 48.153 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

Tgt Ion:196 Resp: 260340
Ion Ratio Lower Upper
196 100
198 102.0 79.7 119.5
97 54.3 44.2 66.2
132 29.7 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 74.053 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

Instrument :

BNA_F

ClientSampleId :

TR-04-02282025MS

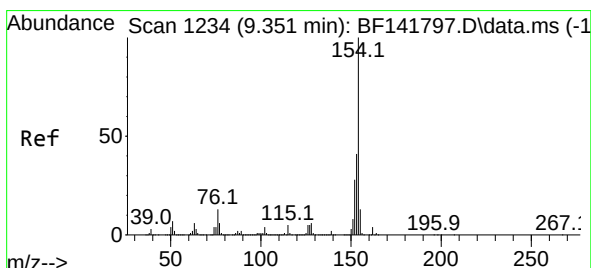
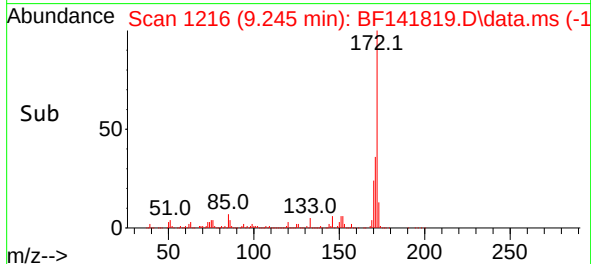
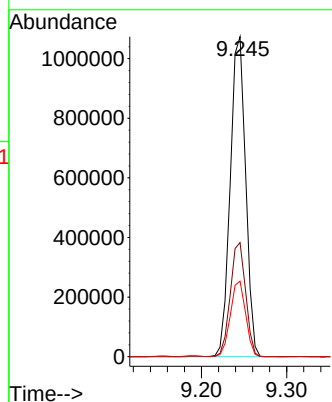
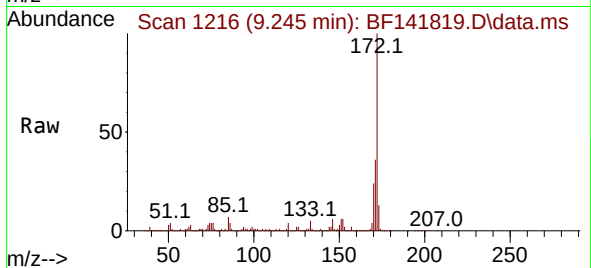
Tgt Ion:172 Resp: 1351607

Ion Ratio Lower Upper

172 100

171 35.7 29.2 43.8

170 23.6 19.7 29.5



#46

1,1'-Biphenyl

Concen: 46.260 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

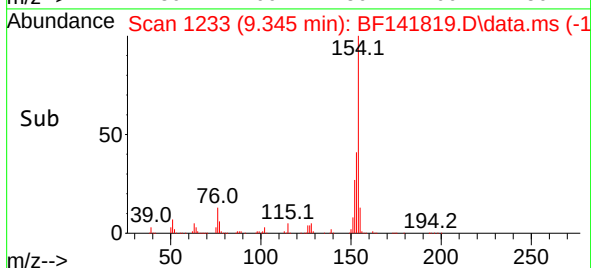
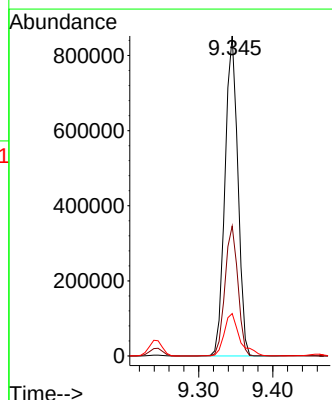
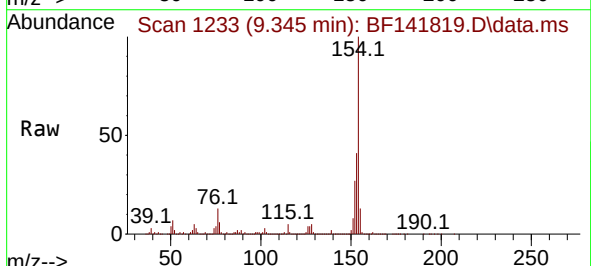
Tgt Ion:154 Resp: 1030482

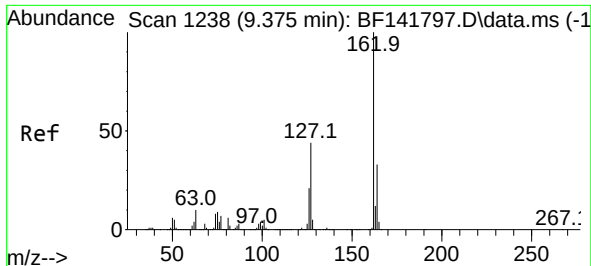
Ion Ratio Lower Upper

154 100

153 40.6 21.4 61.4

76 13.3 0.0 33.4

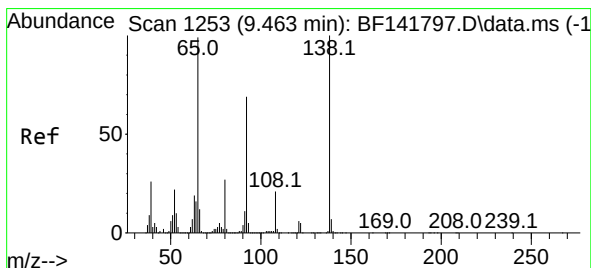
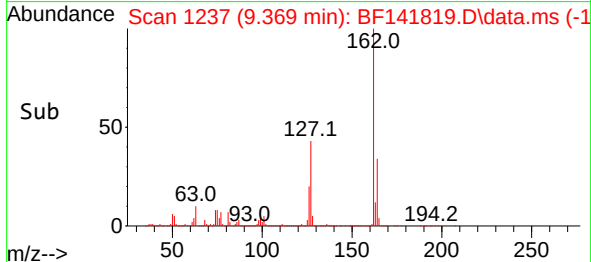
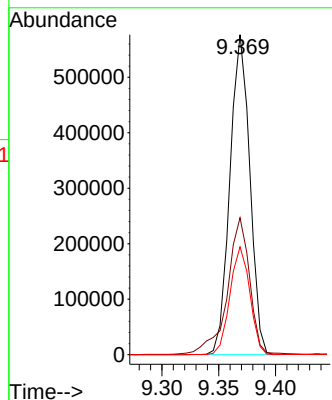
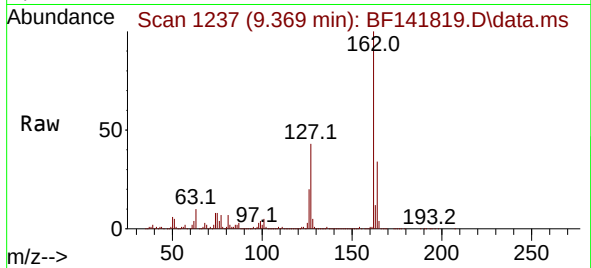




#47
2-Chloronaphthalene
Concen: 42.670 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

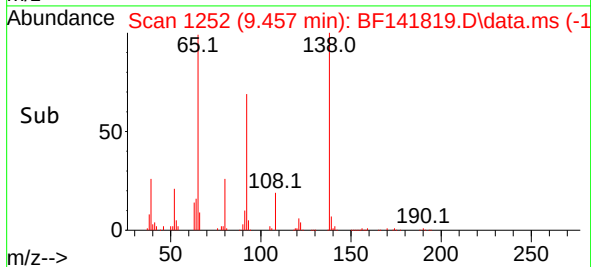
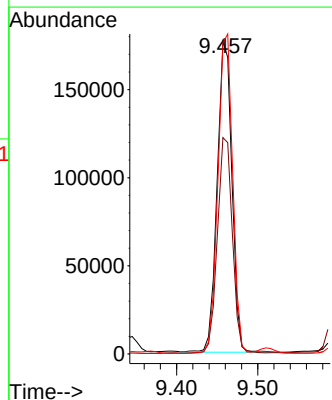
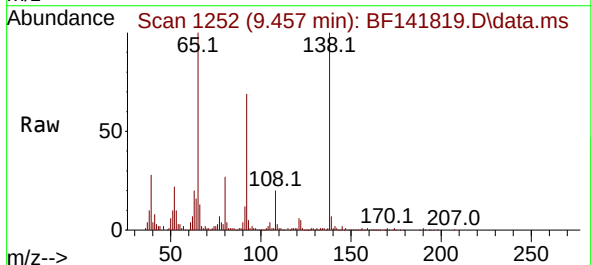
Instrument :
BNA_F
ClientSampleId :
TR-04-02282025MS

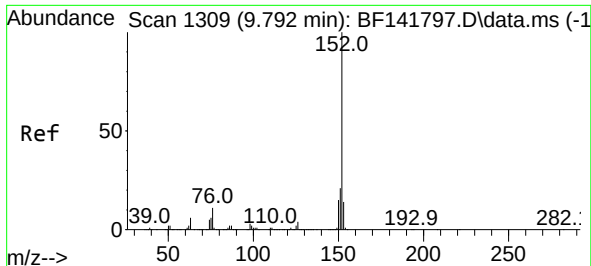
Tgt Ion:162 Resp: 701548
Ion Ratio Lower Upper
162 100
127 42.8 35.0 52.6
164 33.7 26.6 40.0



#48
2-Nitroaniline
Concen: 49.483 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

Tgt Ion: 65 Resp: 223360
Ion Ratio Lower Upper
65 100
92 69.3 55.7 83.5
138 99.6 80.6 121.0

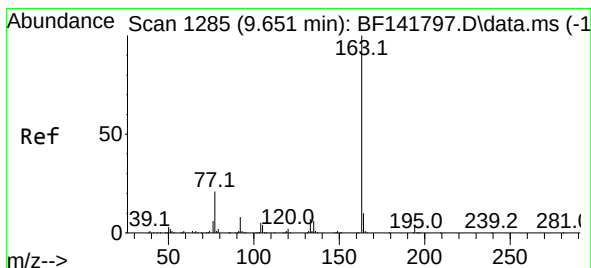
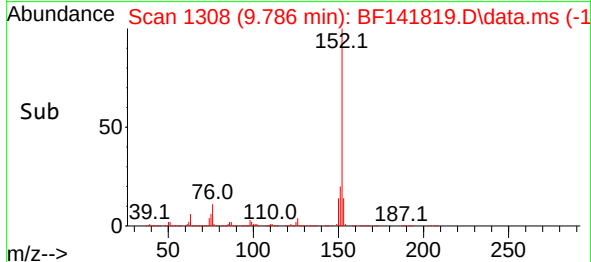
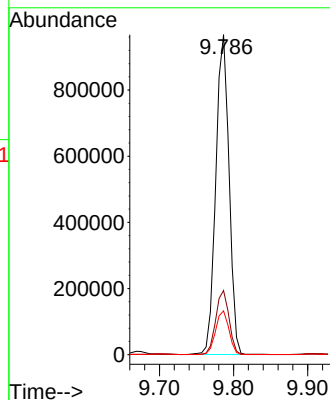
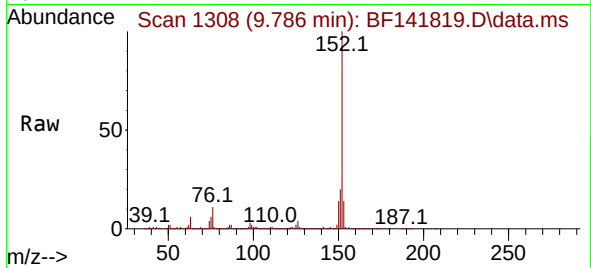




#49
Acenaphthylene
Concen: 48.648 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

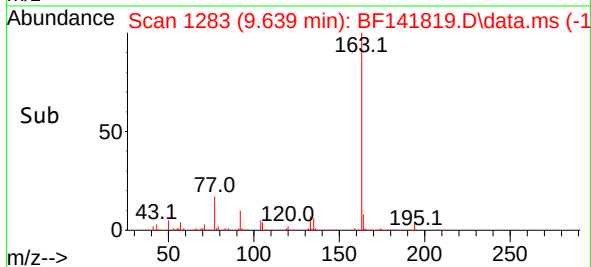
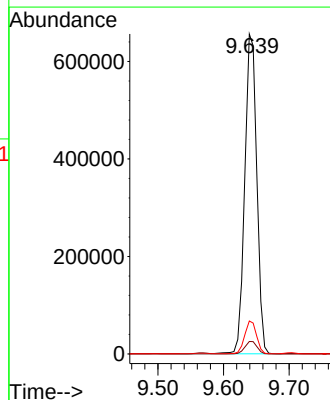
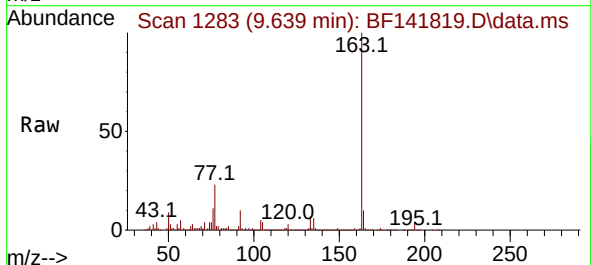
Instrument :
BNA_F
ClientSampleId :
TR-04-02282025MS

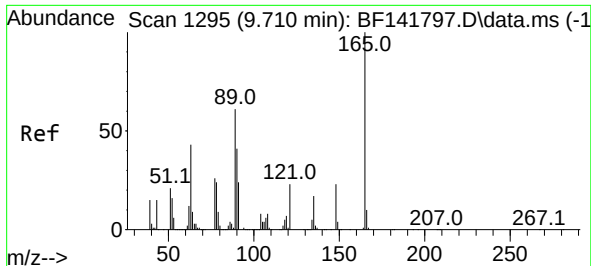
Tgt Ion:152 Resp: 1199203
Ion Ratio Lower Upper
152 100
151 20.1 16.6 24.8
153 13.7 11.2 16.8



#50
Dimethylphthalate
Concen: 42.701 ng
RT: 9.639 min Scan# 1283
Delta R.T. -0.012 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

Tgt Ion:163 Resp: 836889
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 48.014 ng

RT: 9.704 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

Instrument :

BNA_F

ClientSampleId :

TR-04-02282025MS

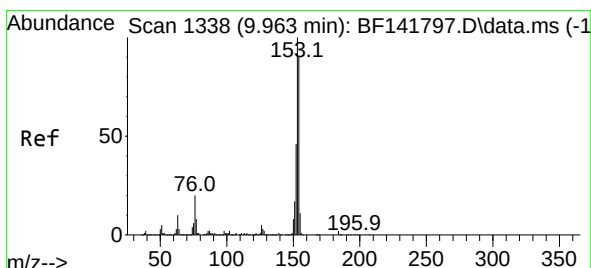
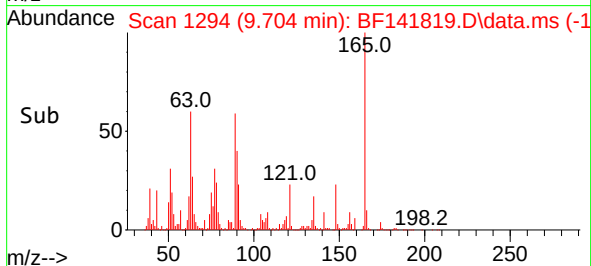
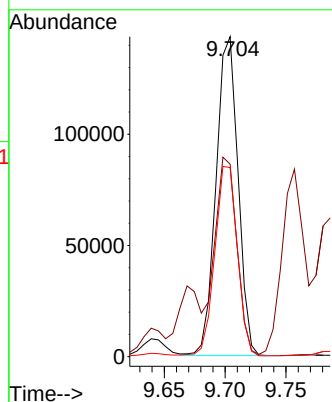
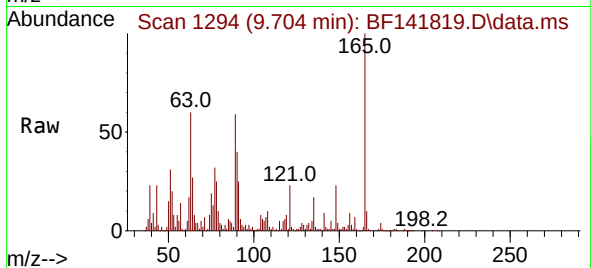
Tgt Ion:165 Resp: 180021

Ion Ratio Lower Upper

165 100

63 60.2 49.5 74.3

89 59.1 49.0 73.4



#52

Acenaphthene

Concen: 62.849 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

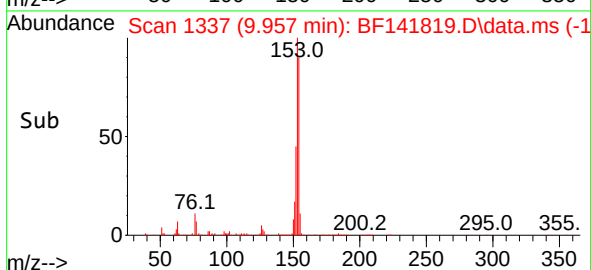
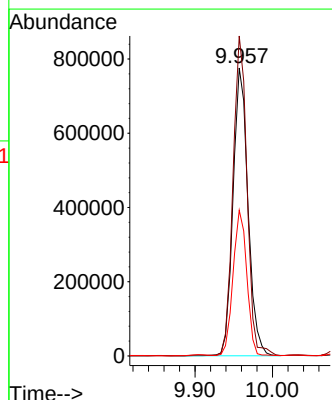
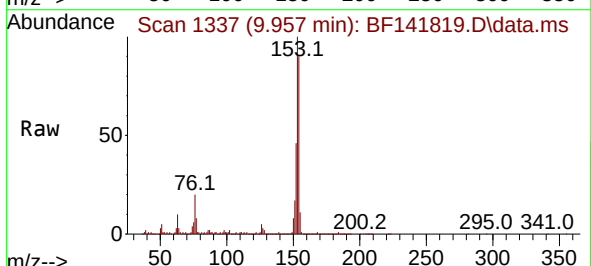
Tgt Ion:154 Resp: 1045381

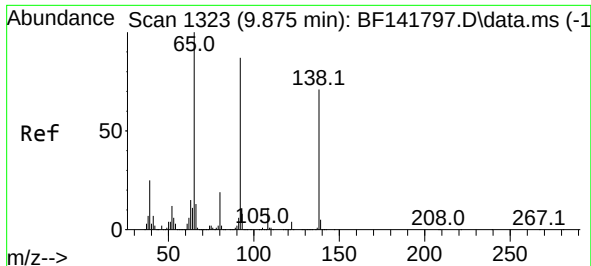
Ion Ratio Lower Upper

154 100

153 111.1 88.7 133.1

152 50.6 40.9 61.3

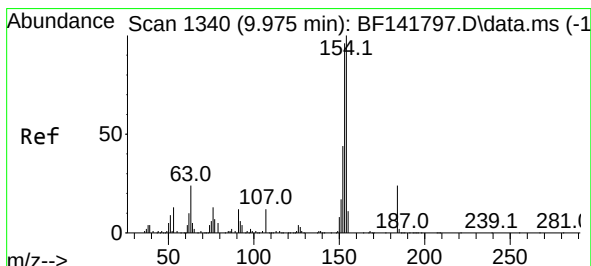
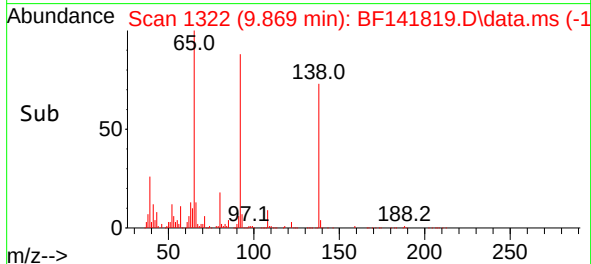
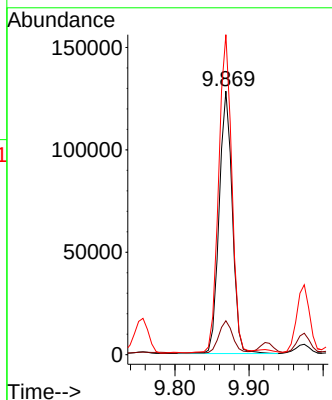
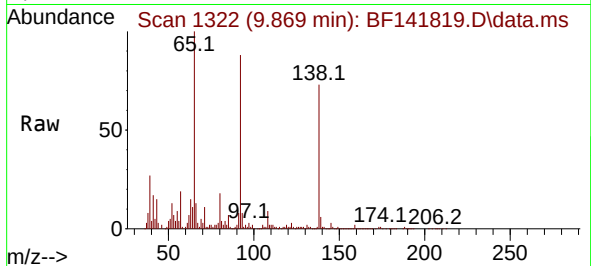




#53
3-Nitroaniline
Concen: 40.002 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

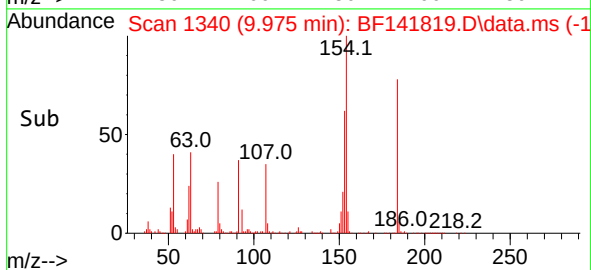
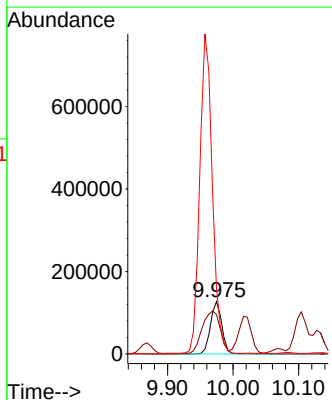
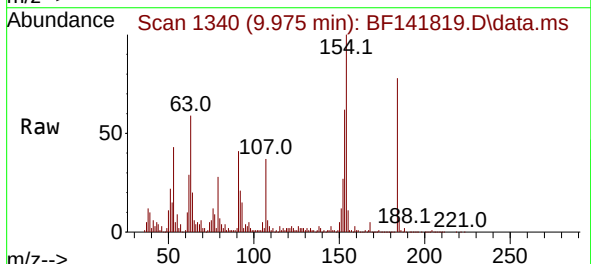
Instrument :
BNA_F
ClientSampleId :
TR-04-02282025MS

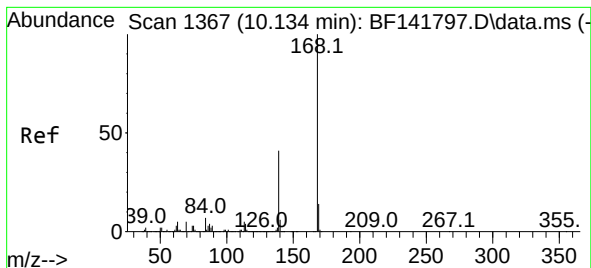
Tgt Ion:138 Resp: 157651
Ion Ratio Lower Upper
138 100
108 12.9 12.7 19.1
92 121.5 97.9 146.9



#54
2,4-Dinitrophenol
Concen: 86.204 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

Tgt Ion:184 Resp: 152497
Ion Ratio Lower Upper
184 100
63 75.6 79.0 118.6#
154 127.9 335.8 503.8#





#55

Dibenzofuran

Concen: 51.160 ng

RT: 10.128 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

Instrument :

BNA_F

ClientSampleId :

TR-04-02282025MS

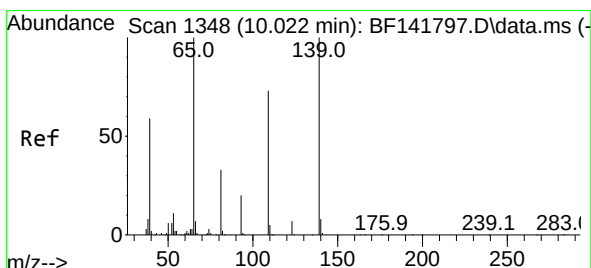
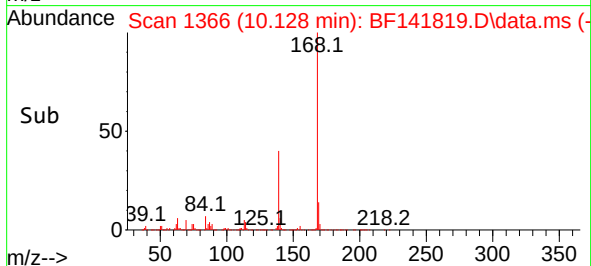
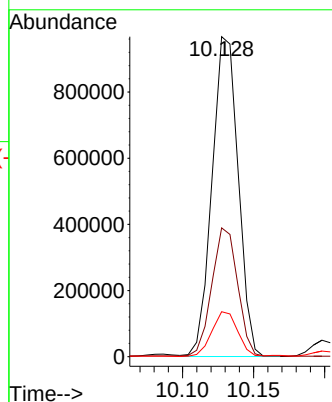
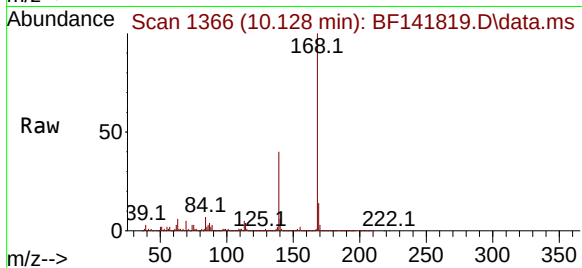
Tgt Ion:168 Resp: 1238567

Ion Ratio Lower Upper

168 100

139 40.3 32.9 49.3

169 14.0 11.1 16.7



#56

4-Nitrophenol

Concen: 138.445 ng

RT: 10.022 min Scan# 1348

Delta R.T. -0.000 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

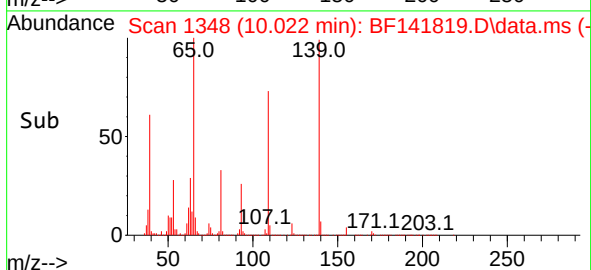
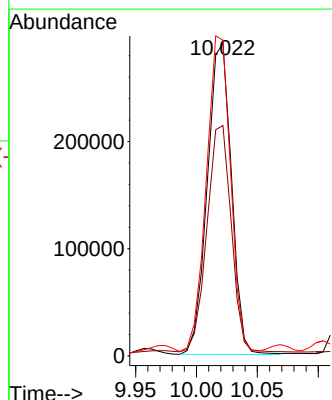
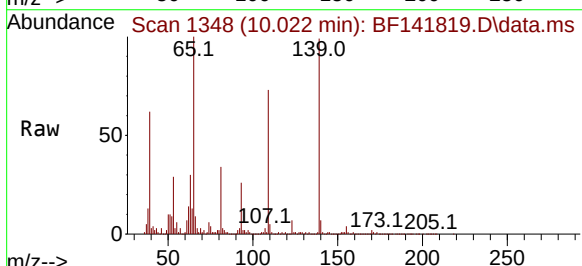
Tgt Ion:139 Resp: 400749

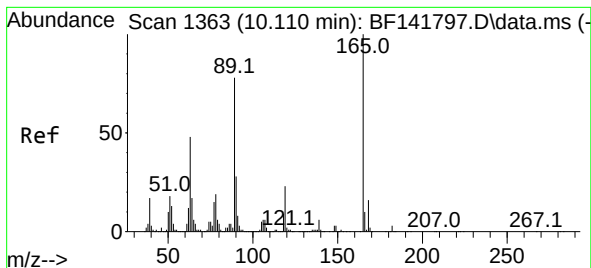
Ion Ratio Lower Upper

139 100

109 73.7 53.4 93.4

65 101.0 82.1 122.1



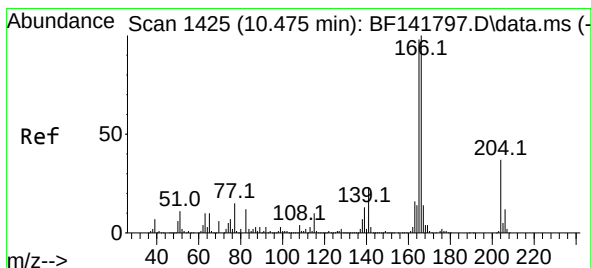
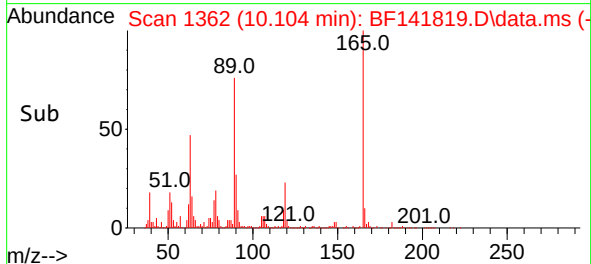
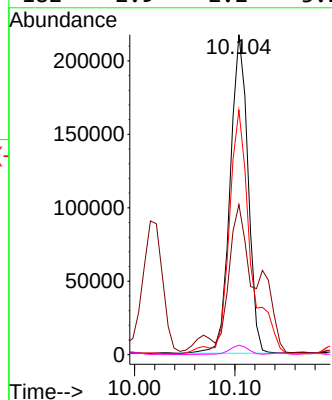
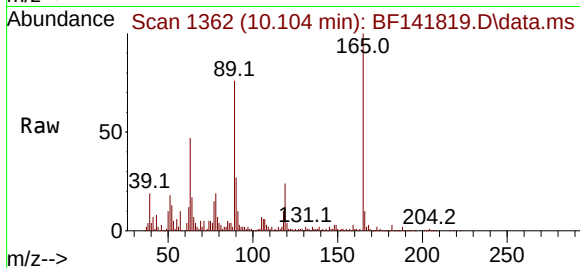


#57
2,4-Dinitrotoluene
Concen: 57.713 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

Instrument :
BNA_F
ClientSampleId :
TR-04-02282025MS

Tgt Ion:165 Resp: 267822

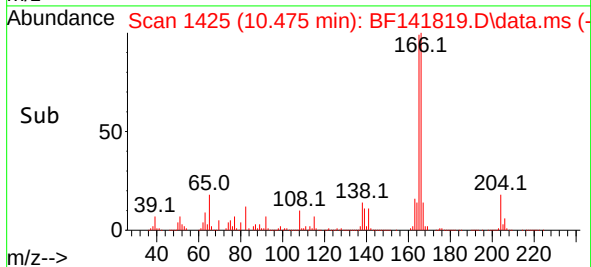
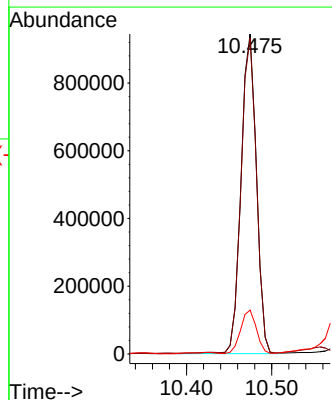
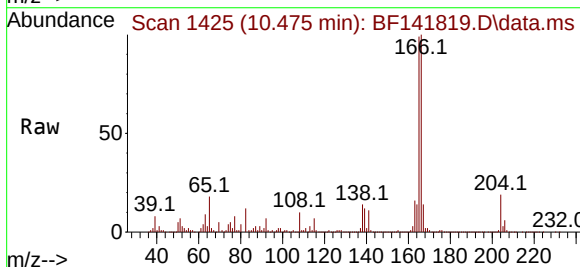
Ion	Ratio	Lower	Upper
165	100		
63	46.9	38.8	58.2
89	76.4	62.6	94.0
182	2.9	2.2	3.2

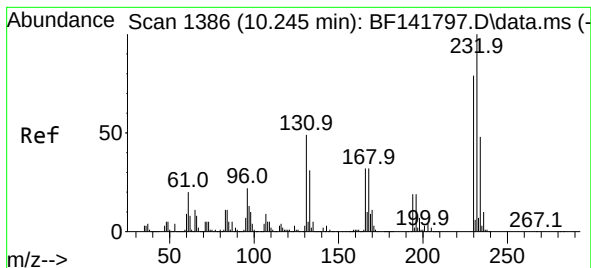


#58
Fluorene
Concen: 64.976 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

Tgt Ion:166 Resp: 1178302

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	117.8
167	13.7	11.0	16.4

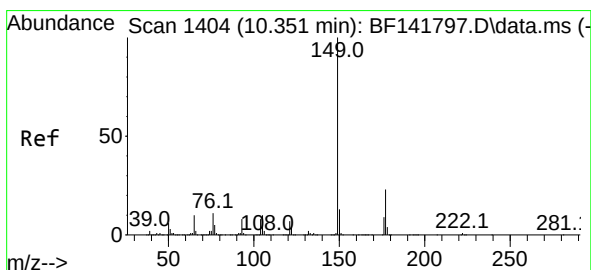
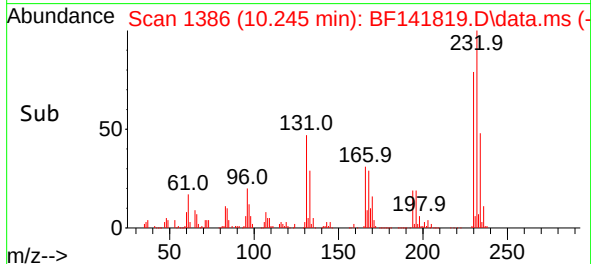
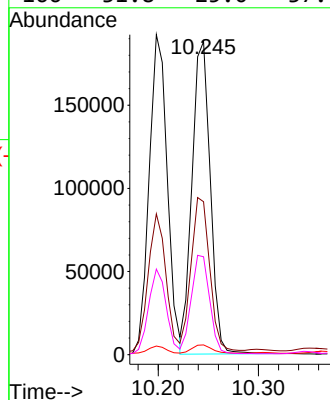
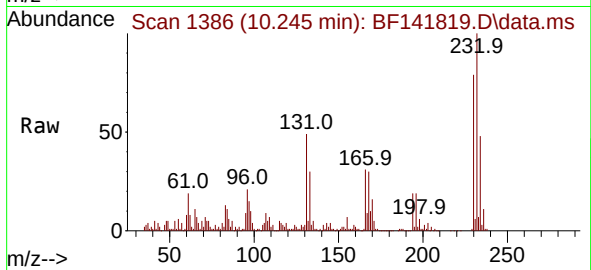




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.528 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

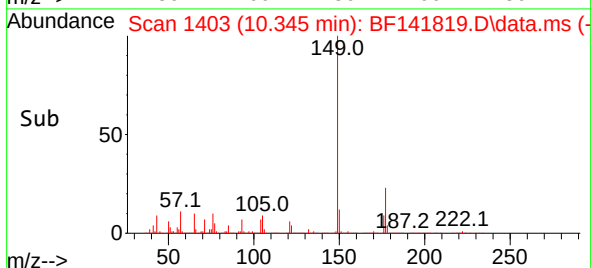
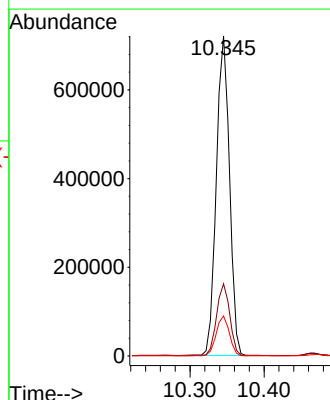
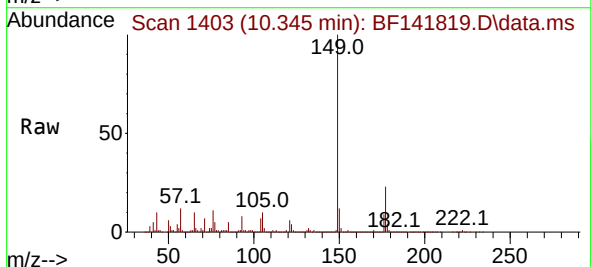
Instrument :
BNA_F
ClientSampleId :
TR-04-02282025MS

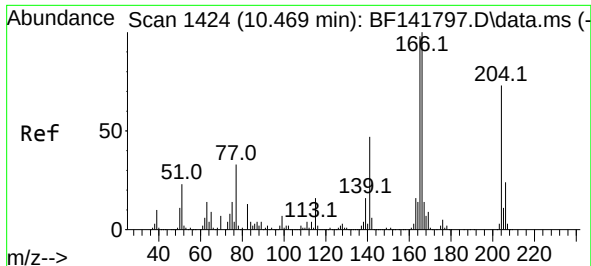
Tgt Ion:232 Resp: 237587
Ion Ratio Lower Upper
232 100
131 49.4 37.8 56.8
130 2.9 2.0 3.0
166 31.8 25.0 37.4



#60
Diethylphthalate
Concen: 45.104 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

Tgt Ion:149 Resp: 886191
Ion Ratio Lower Upper
149 100
177 22.6 18.3 27.5
150 12.5 10.3 15.5

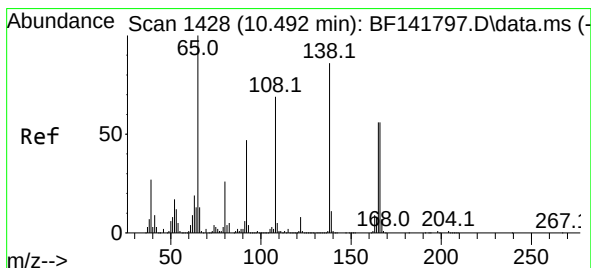
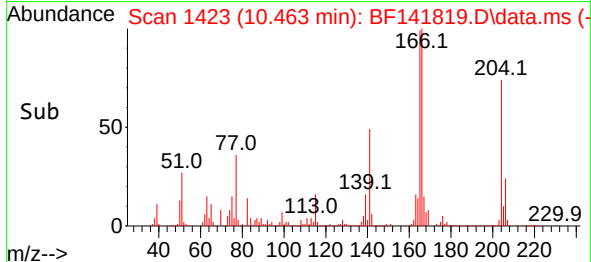
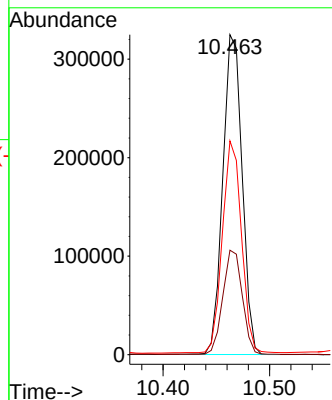
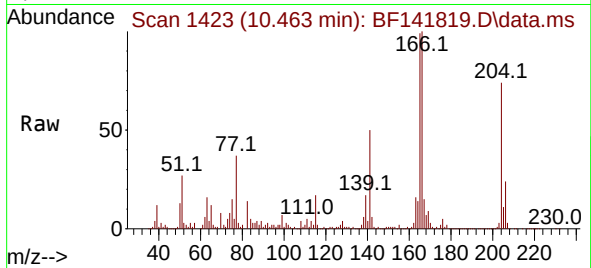




#61
4-Chlorophenyl-phenylether
Concen: 44.907 ng
RT: 10.463 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

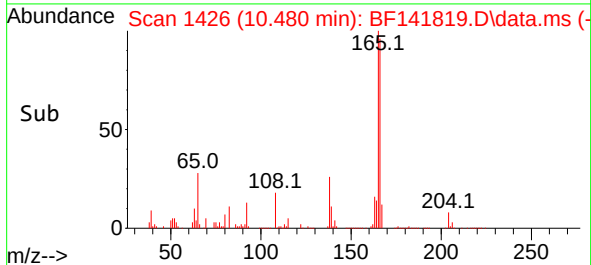
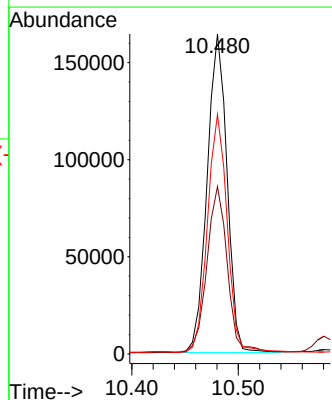
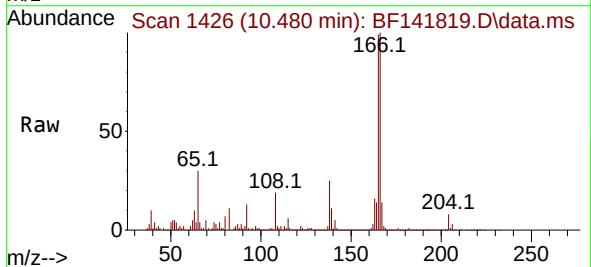
Instrument :
BNA_F
ClientSampleId :
TR-04-02282025MS

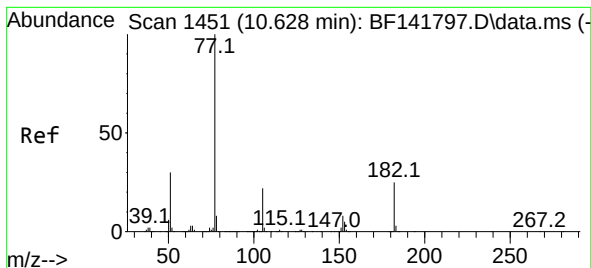
Tgt Ion:204 Resp: 408016
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.4
141 66.8 51.7 77.5



#62
4-Nitroaniline
Concen: 63.611 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

Tgt Ion:138 Resp: 212905
Ion Ratio Lower Upper
138 100
92 52.3 34.9 74.9
108 74.8 59.6 99.6





#63

Azobenzene

Concen: 52.755 ng

RT: 10.627 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

Instrument :

BNA_F

ClientSampleId :

TR-04-02282025MS

Tgt Ion: 77 Resp: 1091361

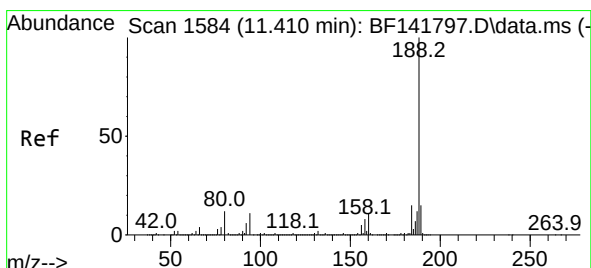
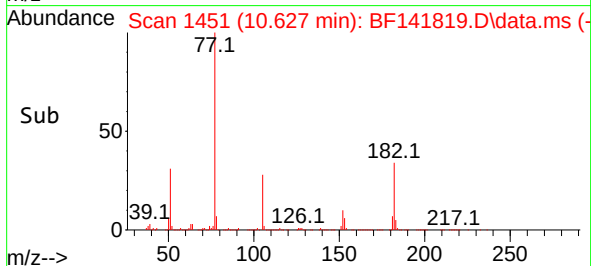
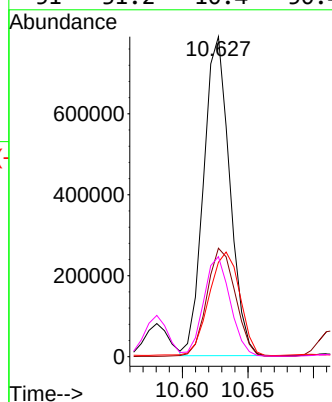
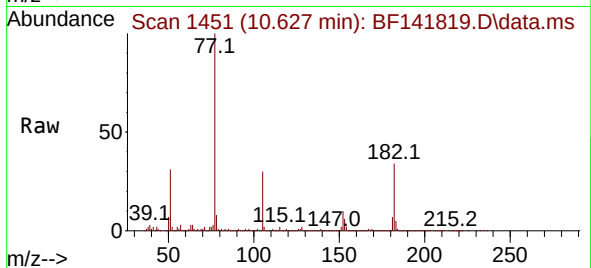
Ion Ratio Lower Upper

77 100

182 33.9 4.2 44.2

105 29.5 1.5 41.5

51 31.2 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

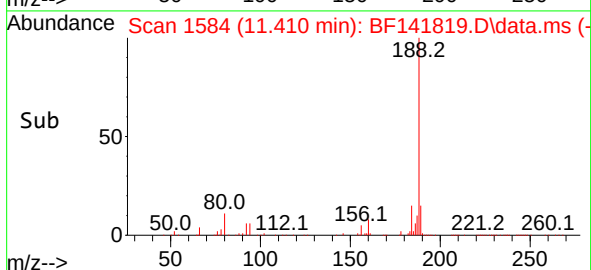
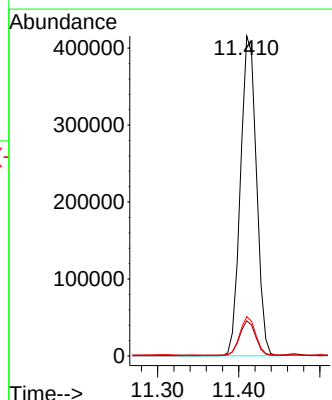
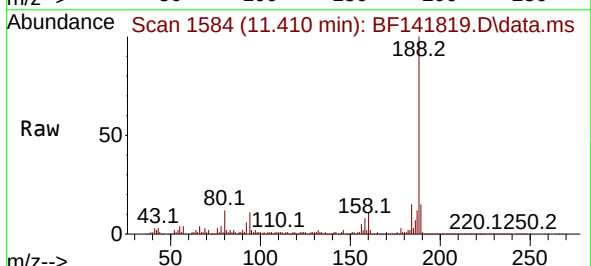
Tgt Ion: 188 Resp: 567711

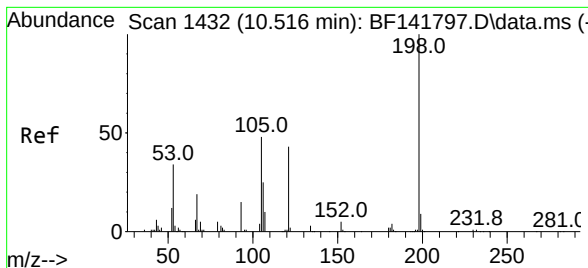
Ion Ratio Lower Upper

188 100

94 11.0 8.9 13.3

80 12.3 9.7 14.5

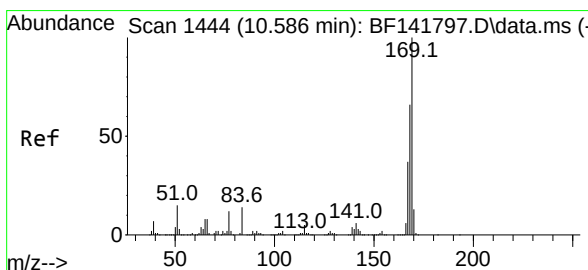
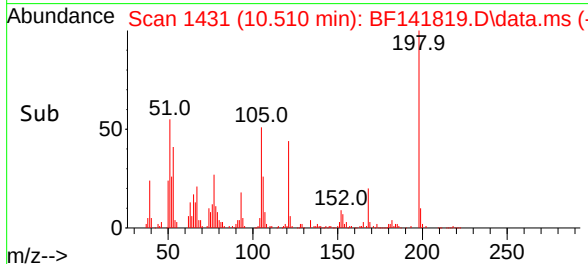
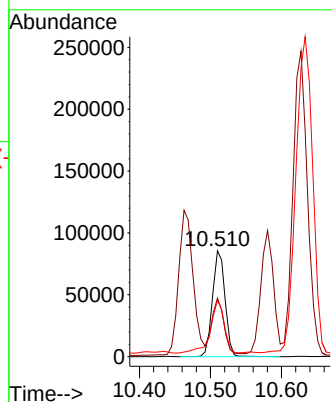
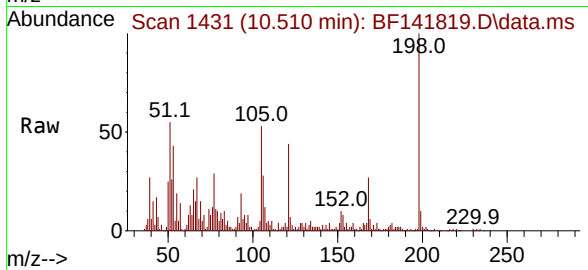




#65
4,6-Dinitro-2-methylphenol
Concen: 40.862 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

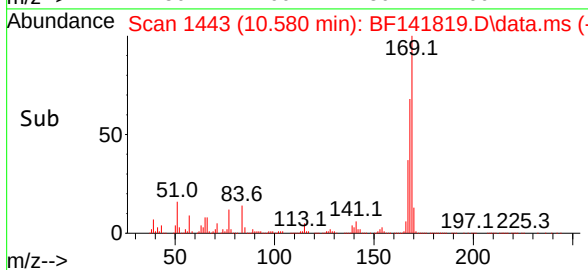
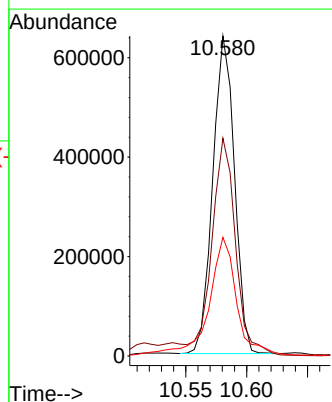
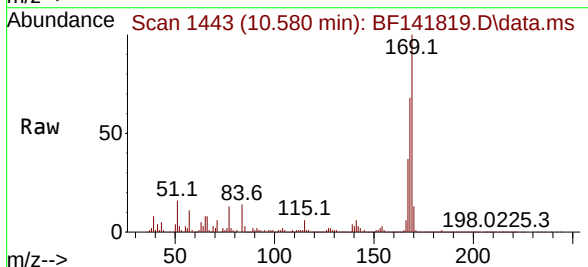
Instrument :
BNA_F
ClientSampleId :
TR-04-02282025MS

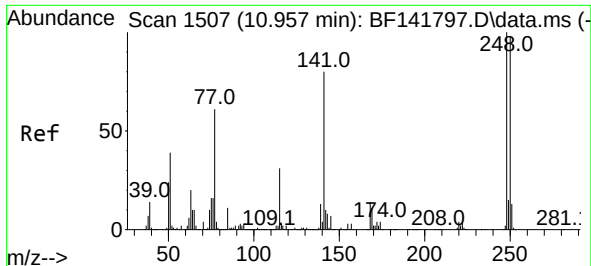
Tgt Ion:198 Resp: 105351
Ion Ratio Lower Upper
198 100
51 55.4 32.1 72.1
105 53.3 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 42.359 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

Tgt Ion:169 Resp: 789648
Ion Ratio Lower Upper
169 100
168 68.0 53.0 79.6
167 37.0 29.3 43.9

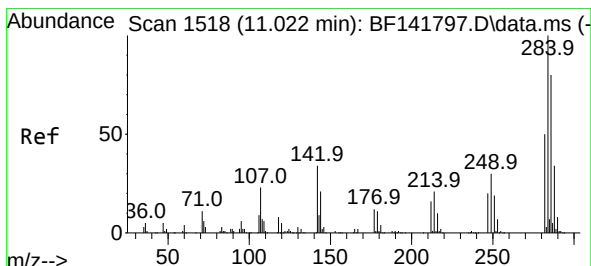
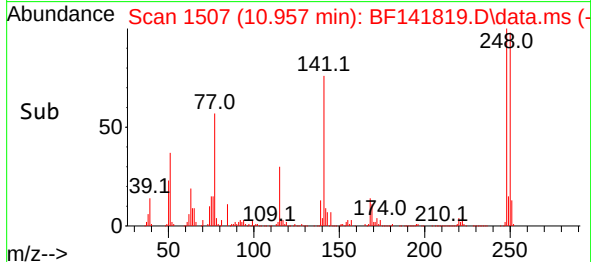
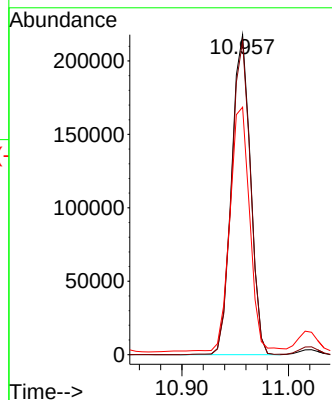
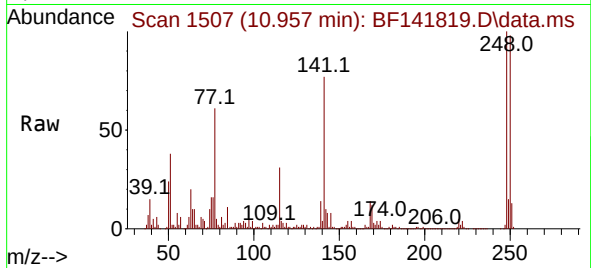




#67
4-Bromophenyl-phenylether
Concen: 40.629 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

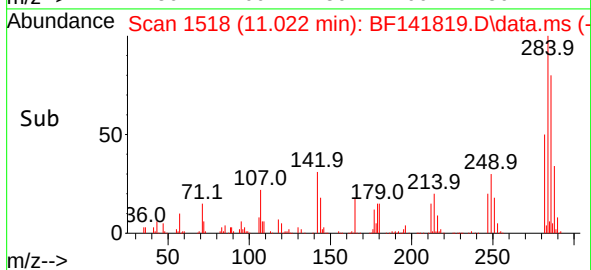
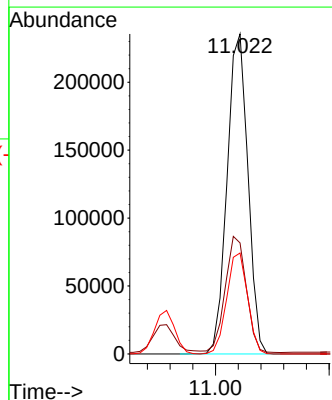
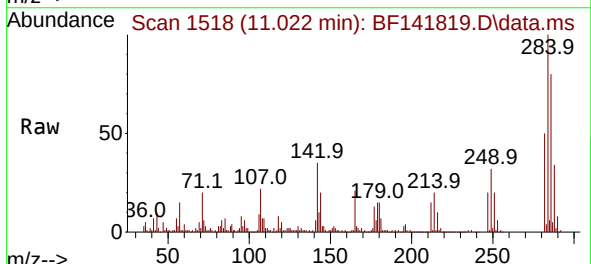
Instrument :
BNA_F
ClientSampleId :
TR-04-02282025MS

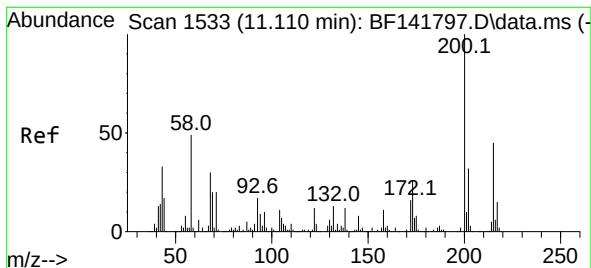
Tgt Ion:248 Resp: 269414
Ion Ratio Lower Upper
248 100
250 97.9 78.1 117.1
141 77.3 64.3 96.5



#68
Hexachlorobenzene
Concen: 42.742 ng
RT: 11.022 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

Tgt Ion:284 Resp: 299291
Ion Ratio Lower Upper
284 100
142 34.7 28.2 42.2
249 31.6 25.5 38.3





#69

Atrazine

Concen: 60.911 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.000 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

Instrument :

BNA_F

ClientSampleId :

TR-04-02282025MS

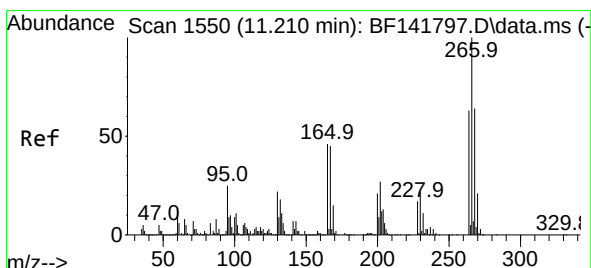
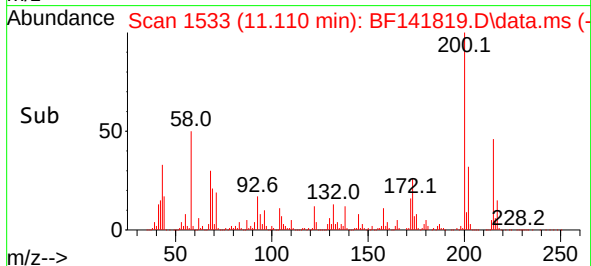
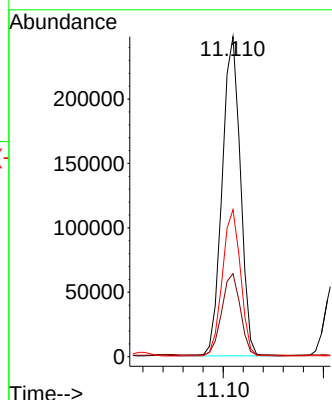
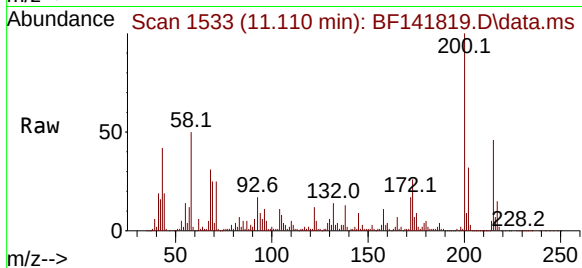
Tgt Ion:200 Resp: 312250

Ion Ratio Lower Upper

200 100

173 26.0 5.6 45.6

215 46.0 25.3 65.3



#70

Pentachlorophenol

Concen: 88.566 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

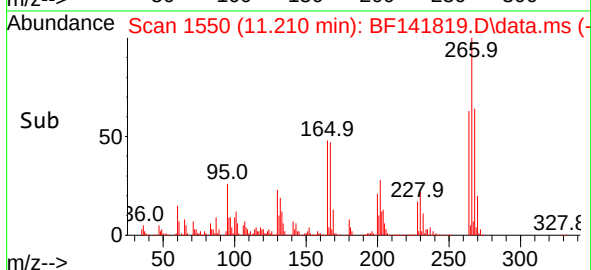
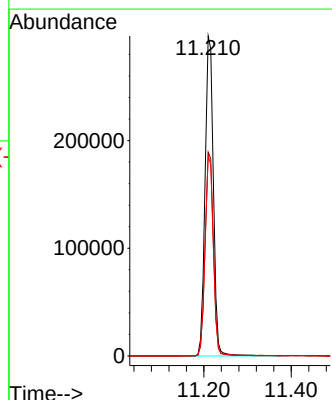
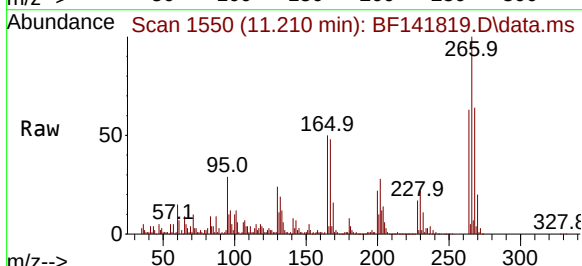
Tgt Ion:266 Resp: 393328

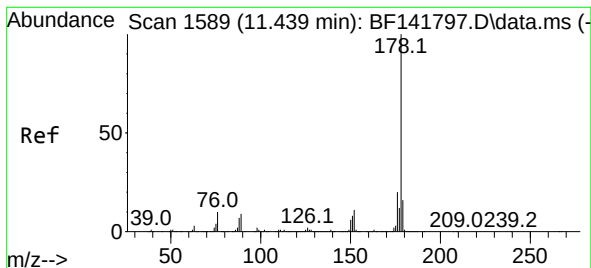
Ion Ratio Lower Upper

266 100

268 63.7 50.9 76.3

264 62.6 50.2 75.4





#71

Phenanthrene

Concen: 127.775 ng

RT: 11.439 min Scan# 1589

Delta R.T. -0.000 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

Instrument :

BNA_F

ClientSampleId :

TR-04-02282025MS

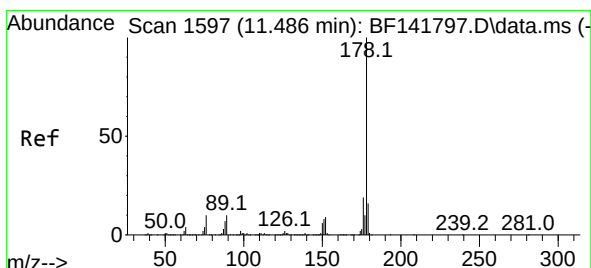
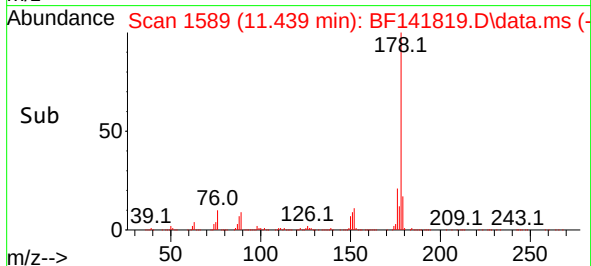
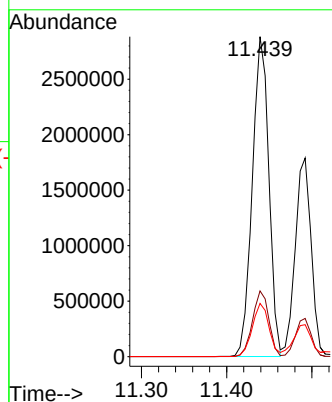
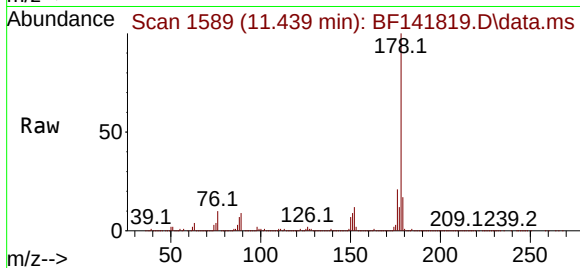
Tgt Ion:178 Resp: 3880123

Ion Ratio Lower Upper

178 100

176 20.6 16.0 24.0

179 16.6 12.6 19.0



#72

Anthracene

Concen: 76.782 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.006 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

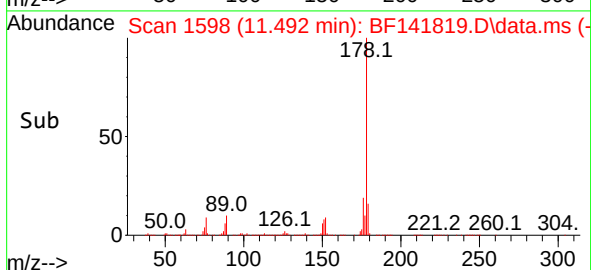
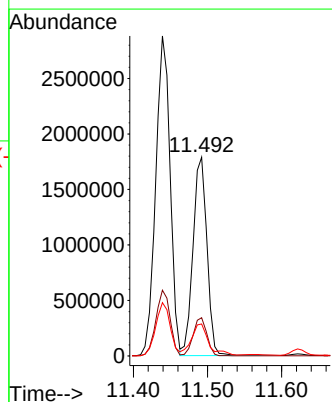
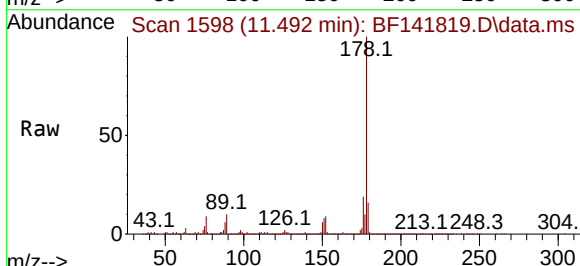
Tgt Ion:178 Resp: 2336827

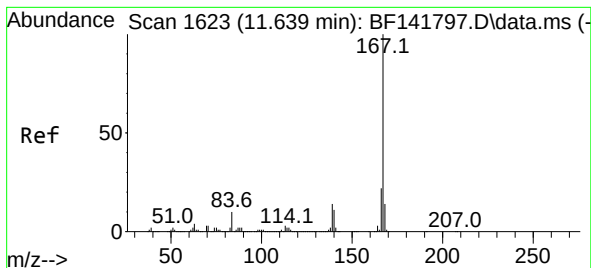
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 16.2 12.8 19.2





#73

Carbazole

Concen: 63.323 ng

RT: 11.639 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

Instrument :

BNA_F

ClientSampleId :

TR-04-02282025MS

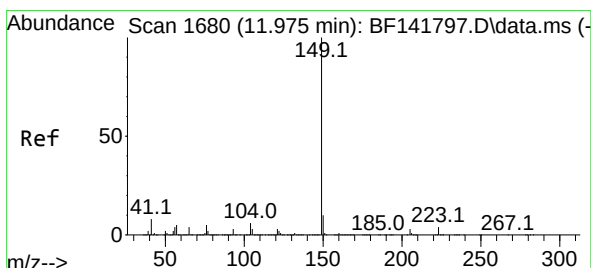
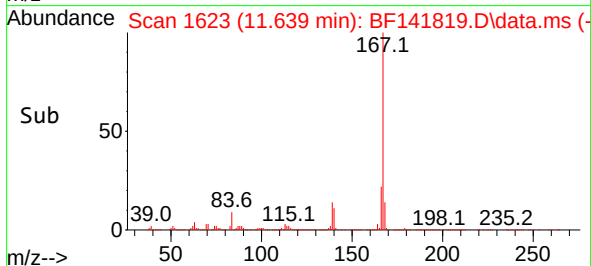
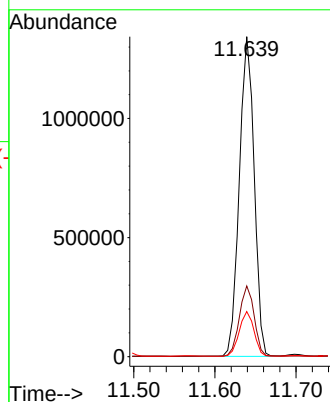
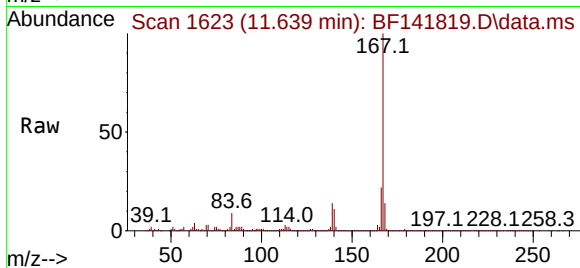
Tgt Ion:167 Resp: 1701875

Ion Ratio Lower Upper

167 100

166 22.1 17.5 26.3

139 14.1 11.3 16.9



#74

Di-n-butylphthalate

Concen: 45.486 ng

RT: 11.974 min Scan# 1680

Delta R.T. -0.000 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

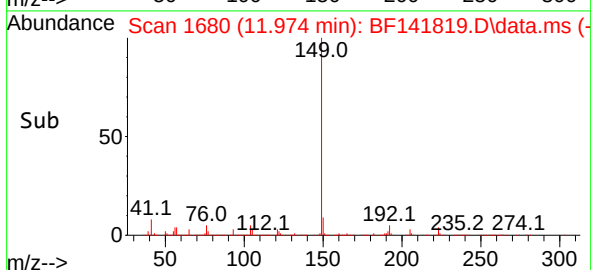
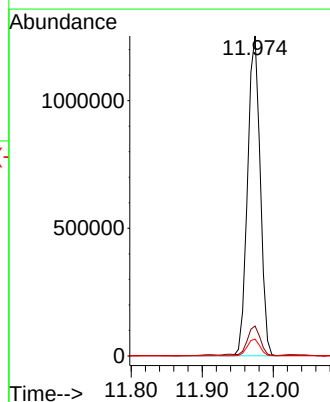
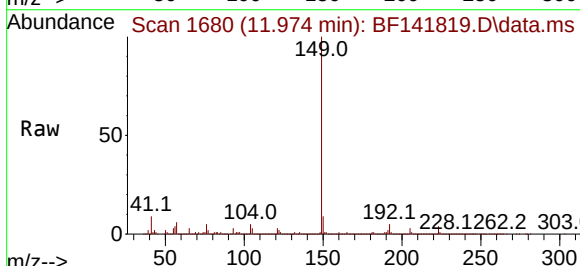
Tgt Ion:149 Resp: 1549577

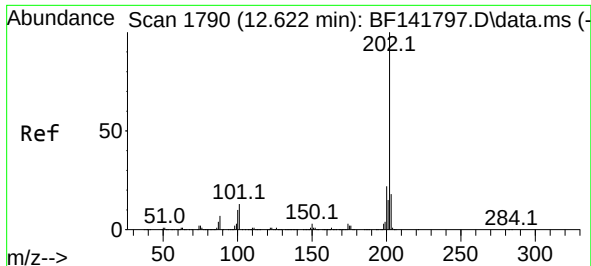
Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

104 5.3 4.4 6.6

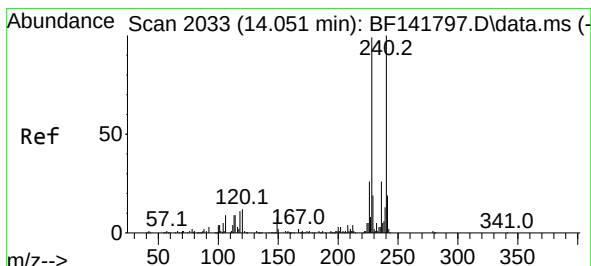
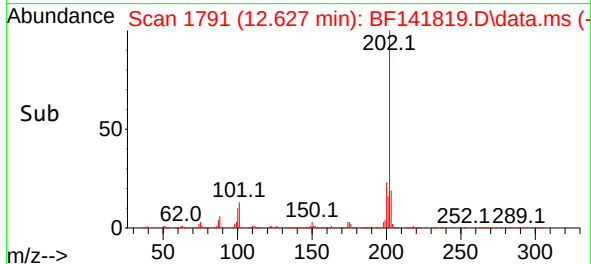
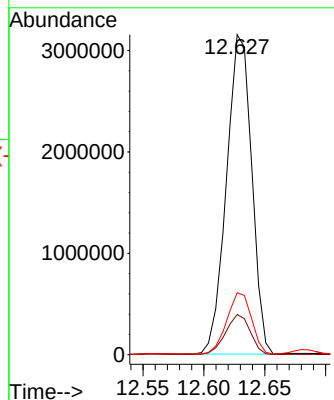
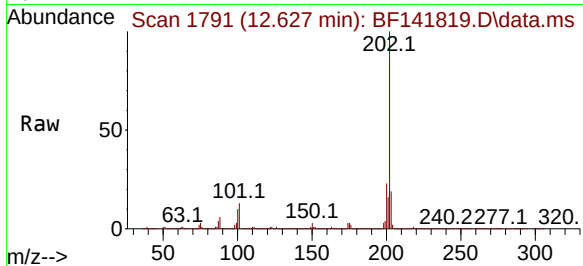




#75
Fluoranthene
Concen: 146.212 ng
RT: 12.627 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

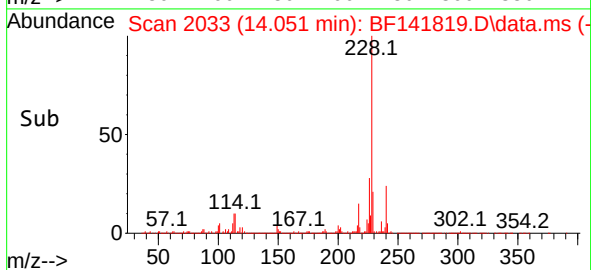
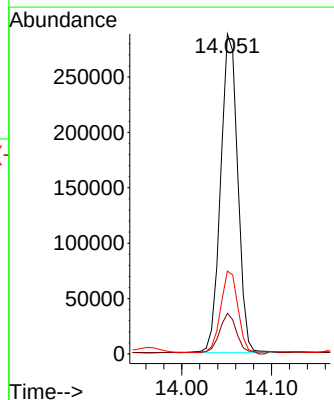
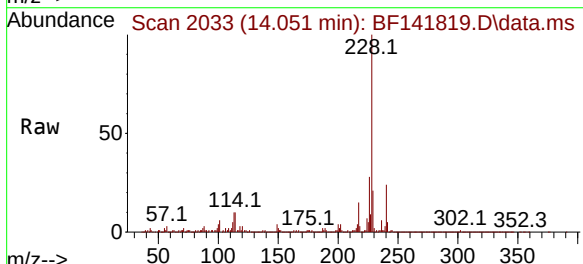
Instrument :
BNA_F
ClientSampleId :
TR-04-02282025MS

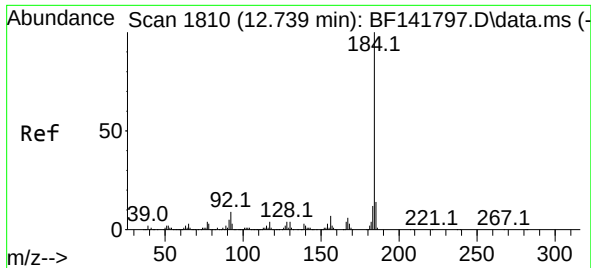
Tgt Ion:202 Resp: 4549513
Ion Ratio Lower Upper
202 100
101 12.6 0.0 32.8
203 19.3 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

Tgt Ion:240 Resp: 381619
Ion Ratio Lower Upper
240 100
120 12.7 9.7 14.5
236 25.9 21.0 31.4

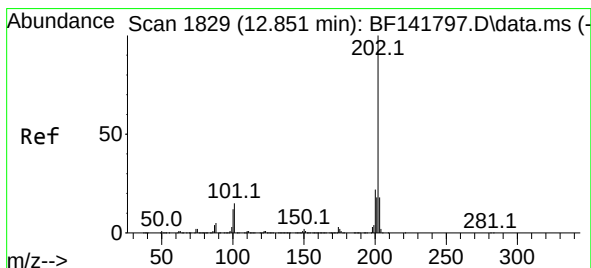
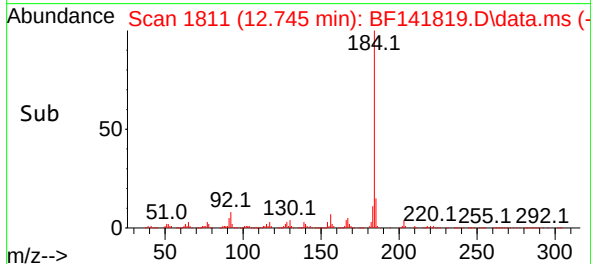
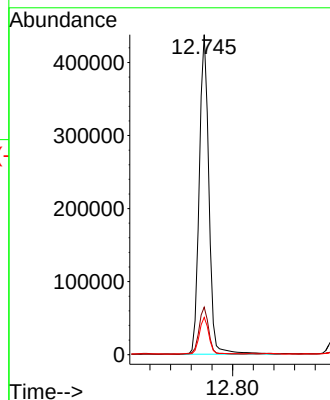
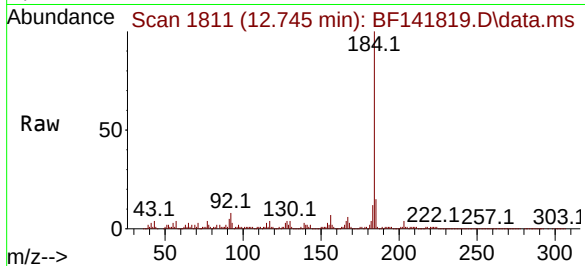




#77
Benzidine
Concen: 117.747 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

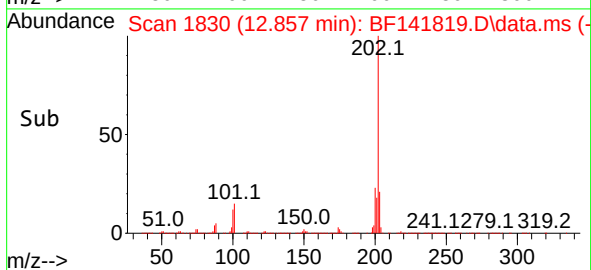
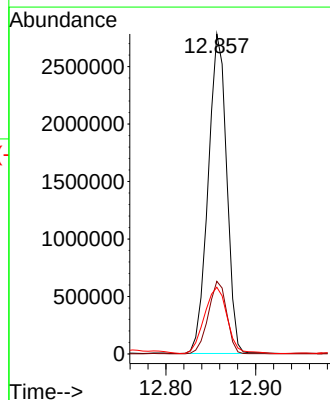
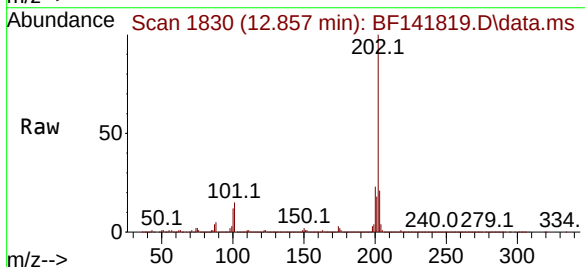
Instrument :
BNA_F
ClientSampleId :
TR-04-02282025MS

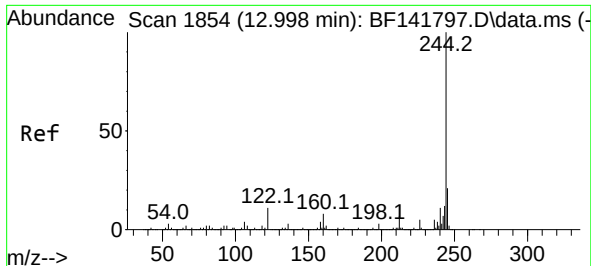
Tgt Ion:184 Resp: 565563
Ion Ratio Lower Upper
184 100
185 14.9 11.6 17.4
183 11.6 9.4 14.0



#78
Pyrene
Concen: 120.642 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

Tgt Ion:202 Resp: 3986724
Ion Ratio Lower Upper
202 100
200 22.7 17.4 26.0
203 20.9 14.6 22.0

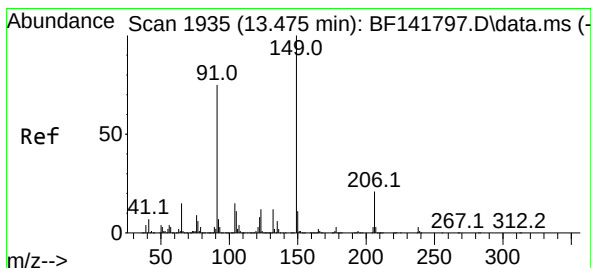
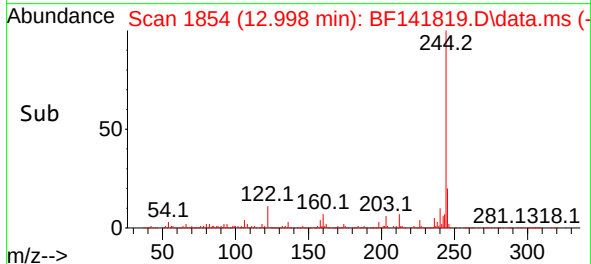
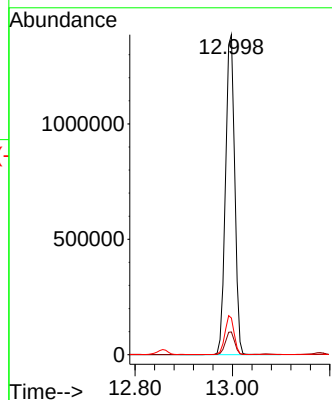
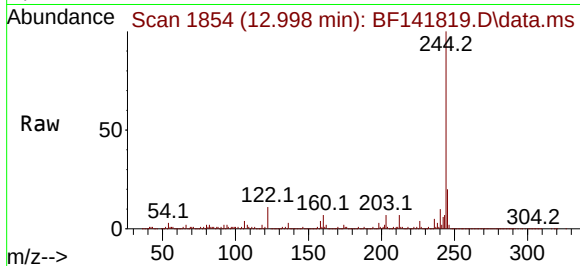




#79
 Terphenyl-d14
 Concen: 77.609 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF141819.D
 Acq: 03 Mar 2025 18:16

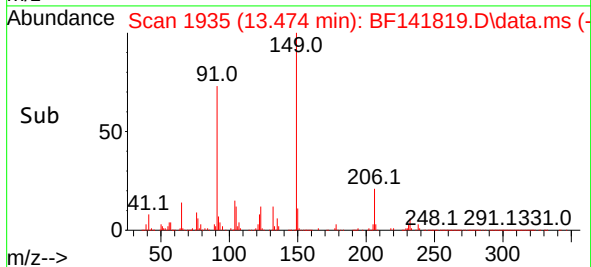
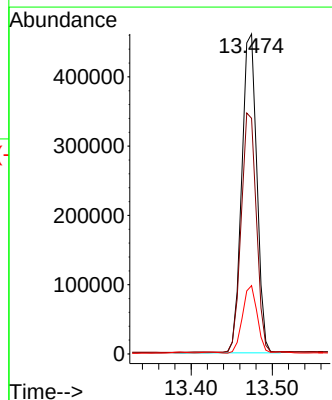
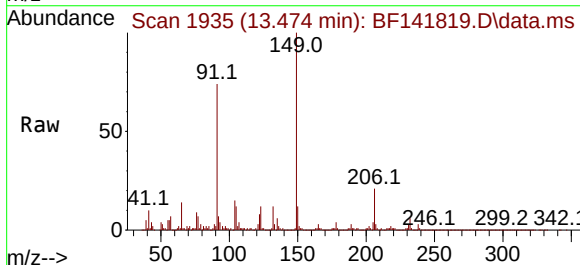
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-02282025MS

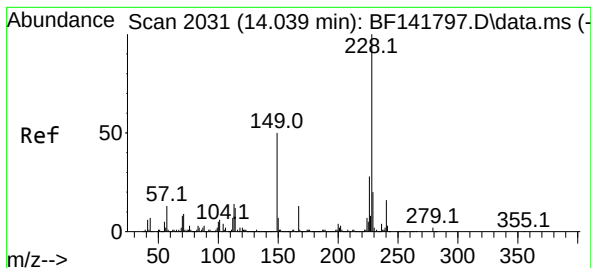
Tgt Ion:244 Resp: 1830573
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 11.4 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 49.398 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. -0.000 min
 Lab File: BF141819.D
 Acq: 03 Mar 2025 18:16

Tgt Ion:149 Resp: 593087
 Ion Ratio Lower Upper
 149 100
 91 73.6 60.1 90.1
 206 21.4 16.8 25.2





#81

Benzo(a)anthracene

Concen: 109.202 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

Instrument :

BNA_F

ClientSampleId :

TR-04-02282025MS

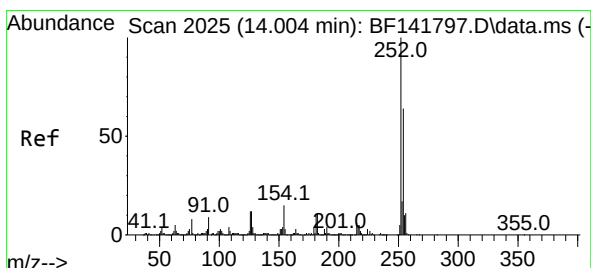
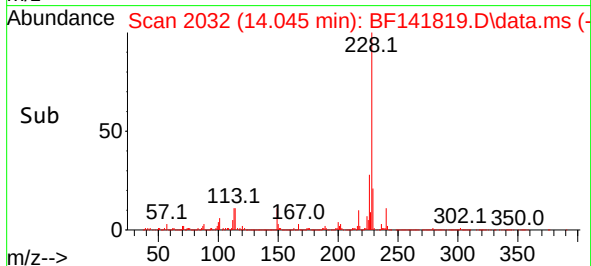
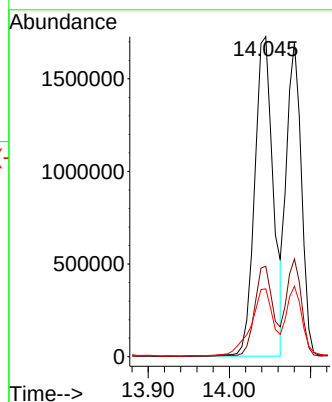
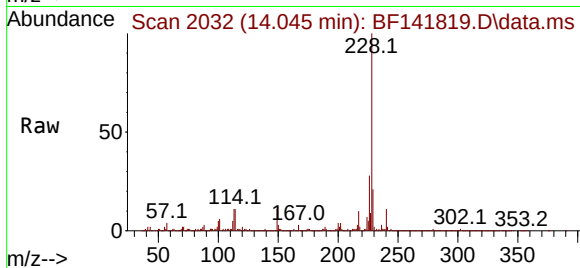
Tgt Ion:228 Resp: 2752621

Ion Ratio Lower Upper

228 100

226 28.3 22.1 33.1

229 21.2 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 25.971 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

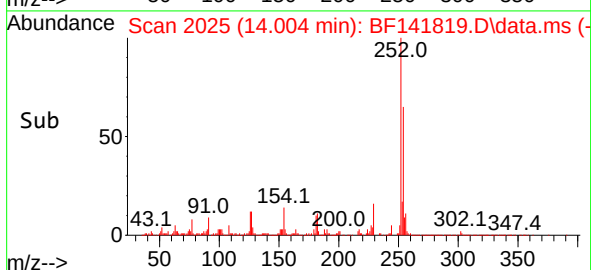
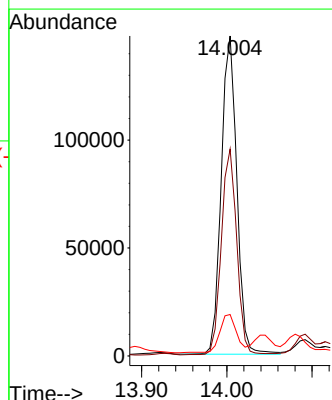
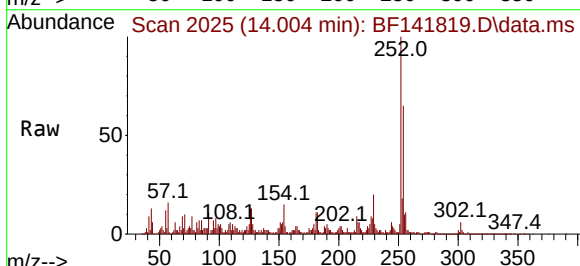
Tgt Ion:252 Resp: 187817

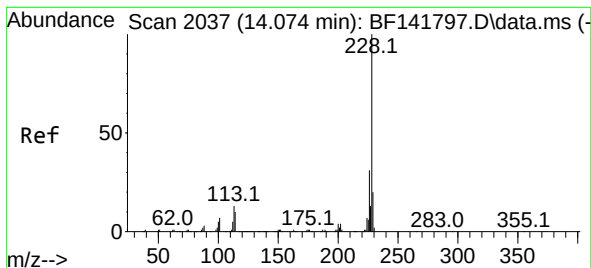
Ion Ratio Lower Upper

252 100

254 64.7 51.4 77.0

126 13.0 9.8 14.6





#83

Chrysene

Concen: 92.267 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

Instrument :

BNA_F

ClientSampleId :

TR-04-02282025MS

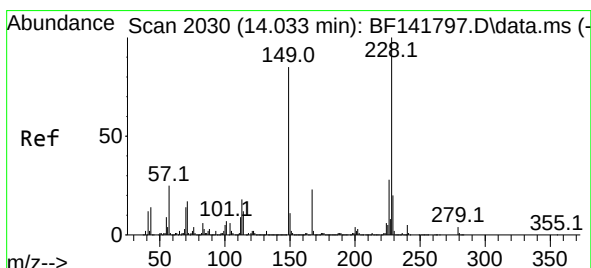
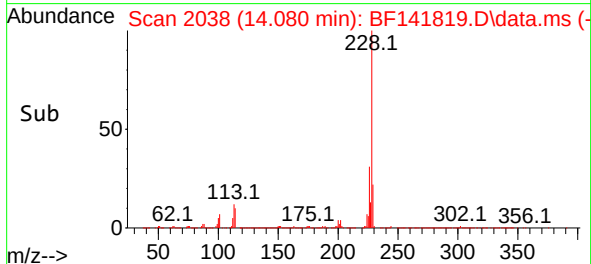
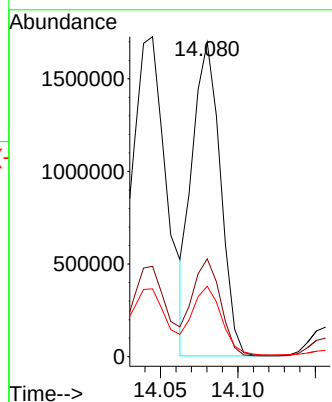
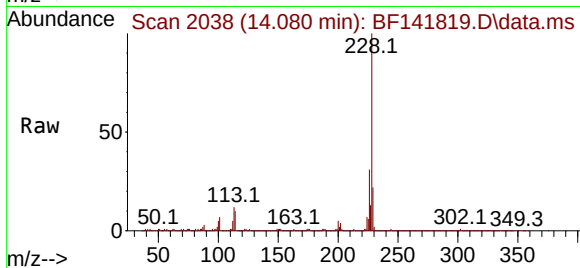
Tgt Ion:228 Resp: 2143918

Ion Ratio Lower Upper

228 100

226 31.1 24.6 37.0

229 22.4 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.218 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

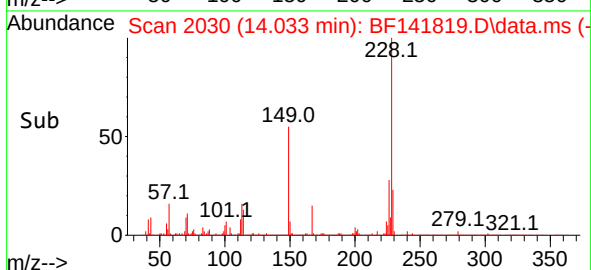
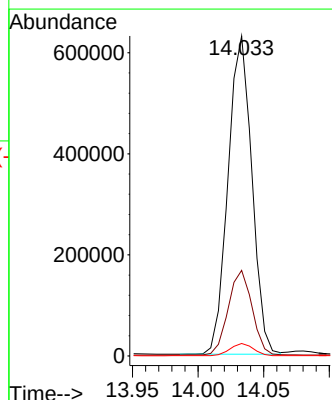
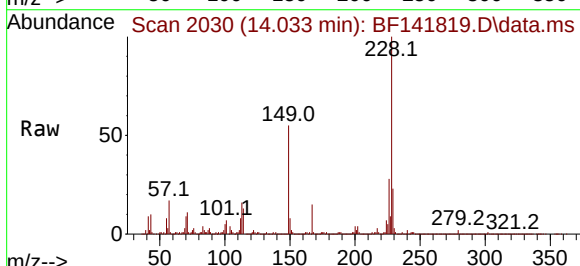
Tgt Ion:149 Resp: 795583

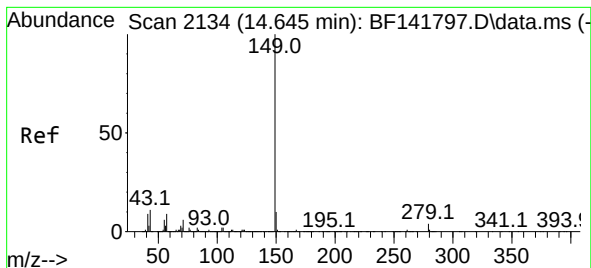
Ion Ratio Lower Upper

149 100

167 26.7 21.2 31.8

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 56.889 ng

RT: 14.645 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

Instrument :

BNA_F

ClientSampleId :

TR-04-02282025MS

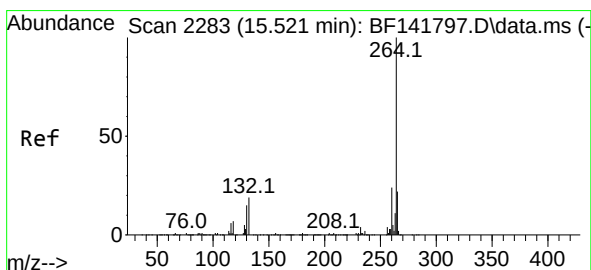
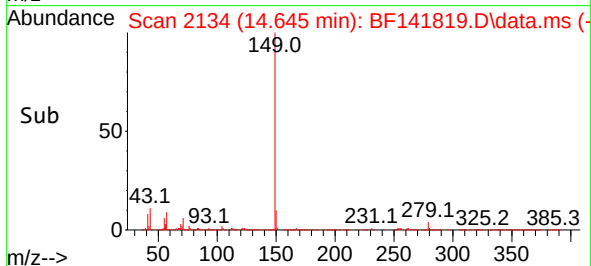
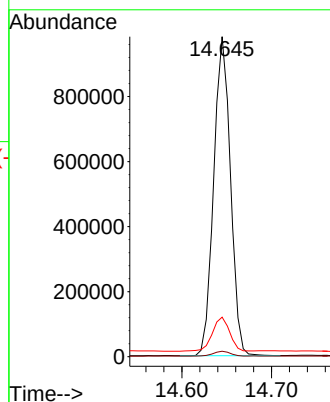
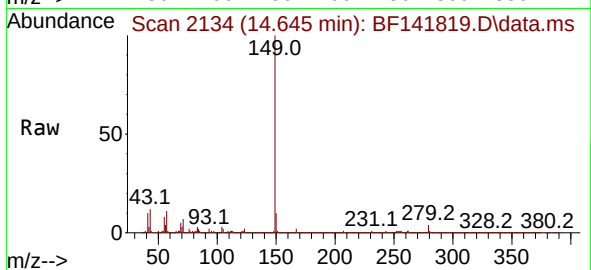
Tgt Ion:149 Resp: 1273243

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.0 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.006 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

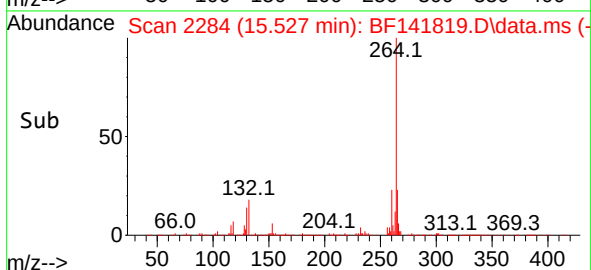
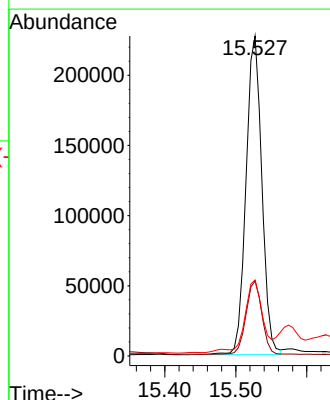
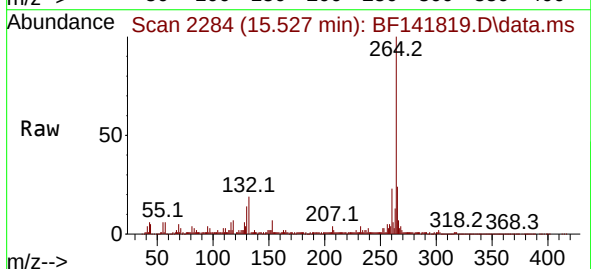
Tgt Ion:264 Resp: 352598

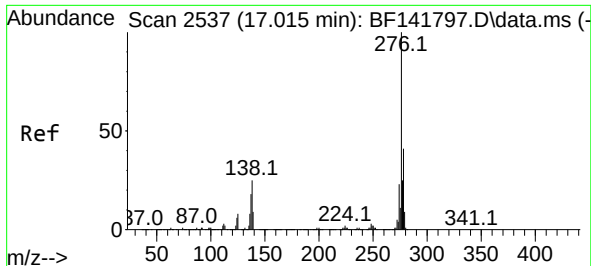
Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 23.7 17.4 26.0

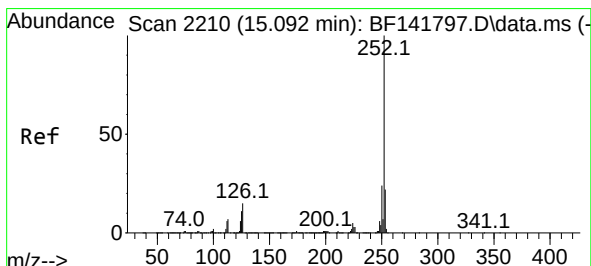
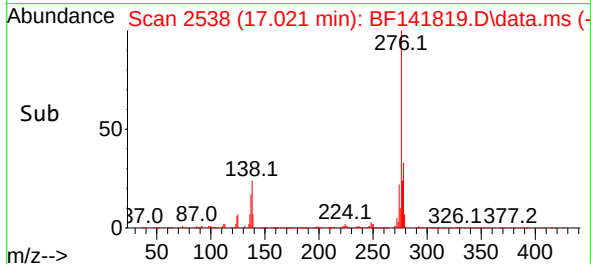
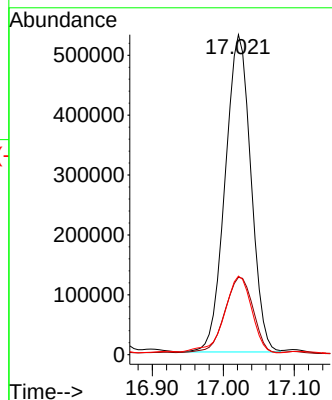
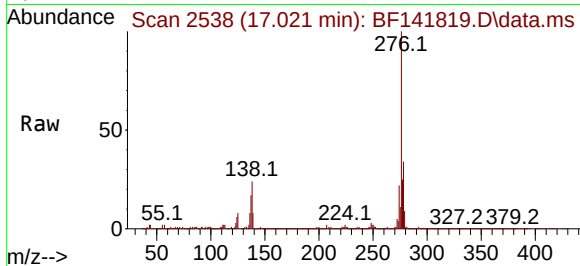




#87
Indeno(1,2,3-cd)pyrene
Concen: 59.400 ng
RT: 17.021 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

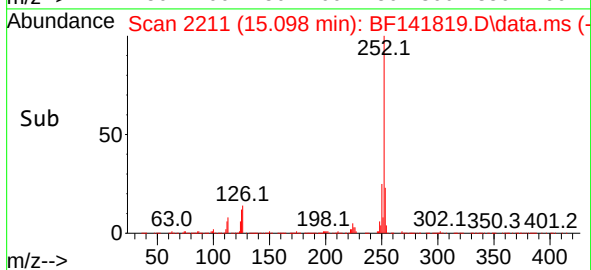
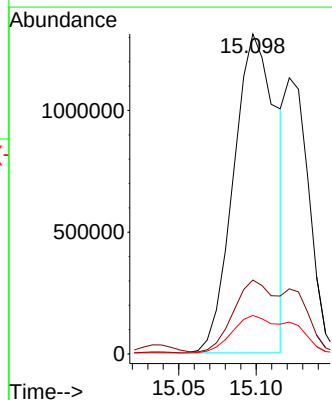
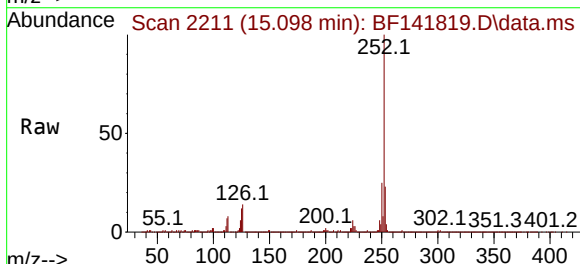
Instrument :
BNA_F
ClientSampleId :
TR-04-02282025MS

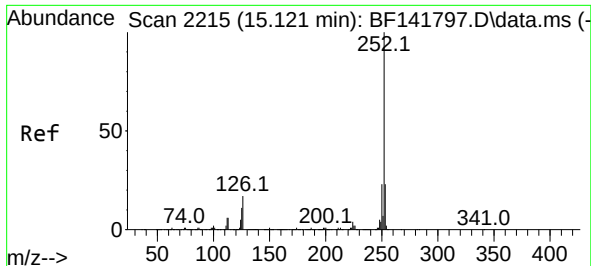
Tgt Ion:276 Resp: 1333661
Ion Ratio Lower Upper
276 100
138 25.9 22.5 33.7
277 25.8 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 104.584 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

Tgt Ion:252 Resp: 2511913
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 12.1 8.6 13.0

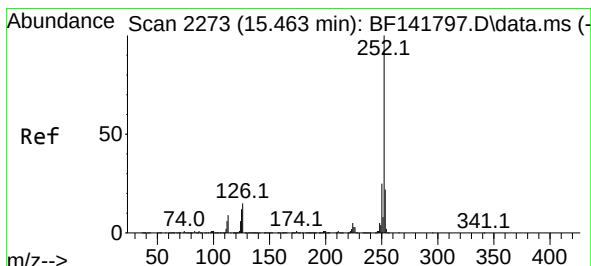
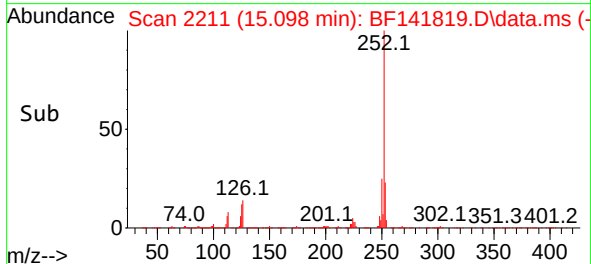
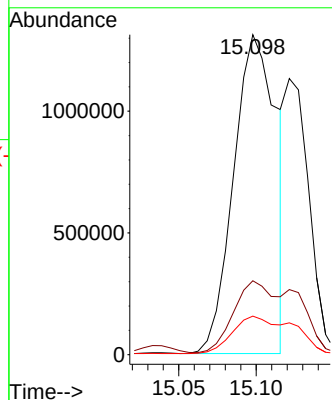
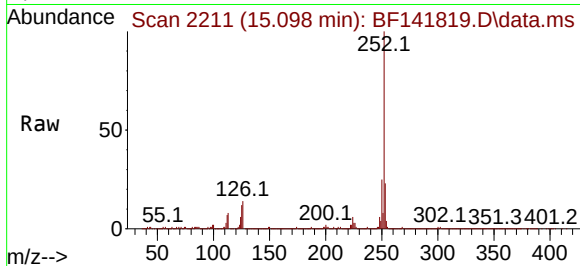




#89
Benzo(k)fluoranthene
Concen: 123.047 ng
RT: 15.098 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

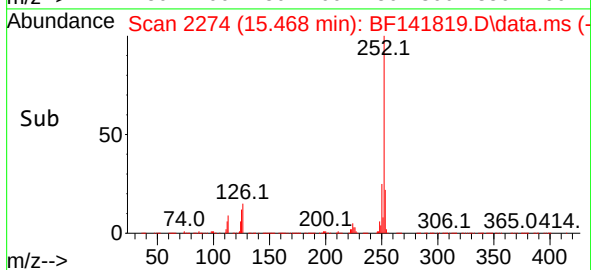
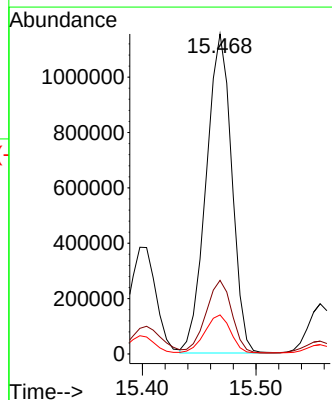
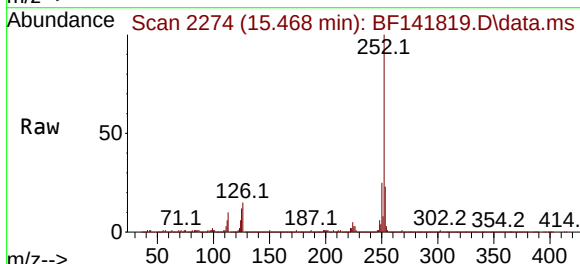
Instrument :
BNA_F
ClientSampleId :
TR-04-02282025MS

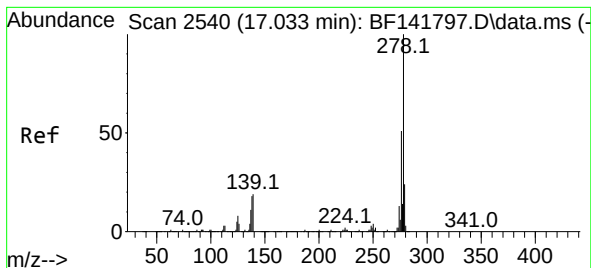
Tgt Ion:252 Resp: 2511913
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 12.1 8.8 13.2



#90
Benzo(a)pyrene
Concen: 93.976 ng
RT: 15.468 min Scan# 2274
Delta R.T. 0.006 min
Lab File: BF141819.D
Acq: 03 Mar 2025 18:16

Tgt Ion:252 Resp: 1810170
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 12.2 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 45.642 ng

RT: 17.039 min Scan# 2

Delta R.T. 0.006 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

Instrument :

BNA_F

ClientSampleId :

TR-04-02282025MS

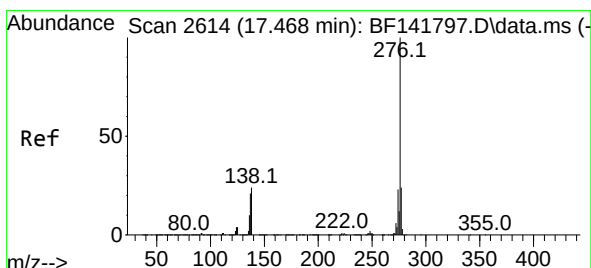
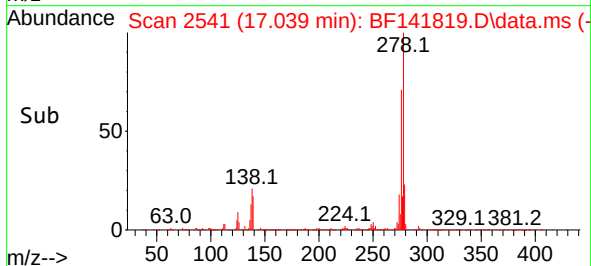
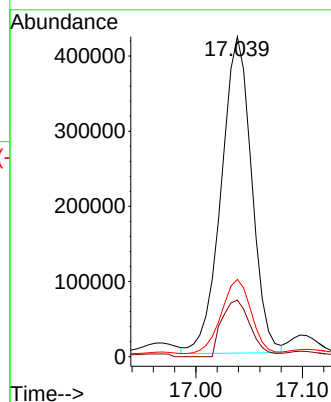
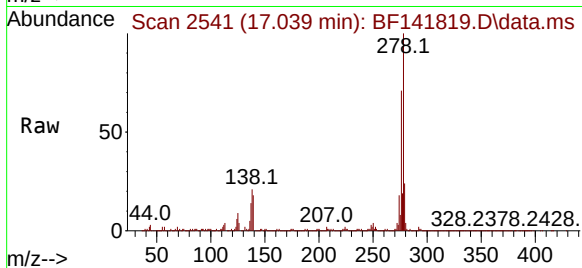
Tgt Ion:278 Resp: 836480

Ion Ratio Lower Upper

278 100

139 17.6 14.9 22.3

279 24.1 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 56.349 ng

RT: 17.474 min Scan# 2615

Delta R.T. 0.006 min

Lab File: BF141819.D

Acq: 03 Mar 2025 18:16

Tgt Ion:276 Resp: 1057963

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.0

138 23.7 19.3 28.9

