

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142087.D
 Acq On : 25 Mar 2025 19:37
 Operator : RC/JU
 Sample : Q1627-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-LINE-1.2-NORTHMSD

Quant Time: Mar 25 21:50:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	147582	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	576033	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	320833	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	519359	20.000	ng	0.00
76) Chrysene-d12	14.033	240	286436	20.000	ng	0.00
86) Perylene-d12	15.504	264	306276	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1272624	143.917	ng	0.02
7) Phenol-d6	6.510	99	1529391	135.840	ng	0.00
23) Nitrobenzene-d5	7.439	82	1101944	107.655	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	710416	174.541	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2306482	109.332	ng	0.00
79) Terphenyl-d14	12.980	244	2283216	117.849	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.869	88	152888	41.264	ng	# 84
3) Pyridine	3.569	79	371564	40.883	ng	98
4) n-Nitrosodimethylamine	3.510	42	198756	45.877	ng	97
6) Aniline	6.539	93	203518	18.324	ng	# 78
8) 2-Chlorophenol	6.663	128	512313	52.238	ng	97
9) Benzaldehyde	6.428	77	203847	32.373	ng	99
10) Phenol	6.522	94	534367	45.115	ng	96
11) bis(2-Chloroethyl)ether	6.610	93	455495	51.214	ng	98
12) 1,3-Dichlorobenzene	6.816	146	483255	45.642	ng	99
13) 1,4-Dichlorobenzene	6.892	146	490090	45.748	ng	99
14) 1,2-Dichlorobenzene	7.045	146	475822	47.156	ng	98
15) Benzyl Alcohol	7.016	79	457196	50.230	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	456827	42.545	ng	94
17) 2-Methylphenol	7.128	107	410976	52.704	ng	98
18) Hexachloroethane	7.386	117	181574	45.199	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	340881	47.119	ng	98
20) 3+4-Methylphenols	7.281	107	510347	51.096	ng	# 84
22) Acetophenone	7.286	105	680001	49.295	ng	97
24) Nitrobenzene	7.457	77	513007	50.415	ng	97
25) Isophorone	7.698	82	968710	53.539	ng	99
26) 2-Nitrophenol	7.769	139	278309	55.726	ng	98
27) 2,4-Dimethylphenol	7.810	122	497284	72.313	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	572475	50.445	ng	99
29) 2,4-Dichlorophenol	8.010	162	463821	54.338	ng	100
30) 1,2,4-Trichlorobenzene	8.092	180	473289	50.314	ng	100
31) Naphthalene	8.180	128	1431482	48.377	ng	100
32) Benzoic acid	7.910	122	205050	33.921	ng	97
33) 4-Chloroaniline	8.222	127	88832	8.504	ng	97
34) Hexachlorobutadiene	8.292	225	308947	50.362	ng	99
35) Caprolactam	8.598	113	73293	28.164	ng	92
36) 4-Chloro-3-methylphenol	8.710	107	508260	53.379	ng	97
37) 2-Methylnaphthalene	8.869	142	924318	46.734	ng	99
38) 1-Methylnaphthalene	8.969	142	958054	50.197	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	542670	55.555	ng	99
41) Hexachlorocyclopentadiene	9.022	237	640147	167.454	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	374905	58.727	ng	100

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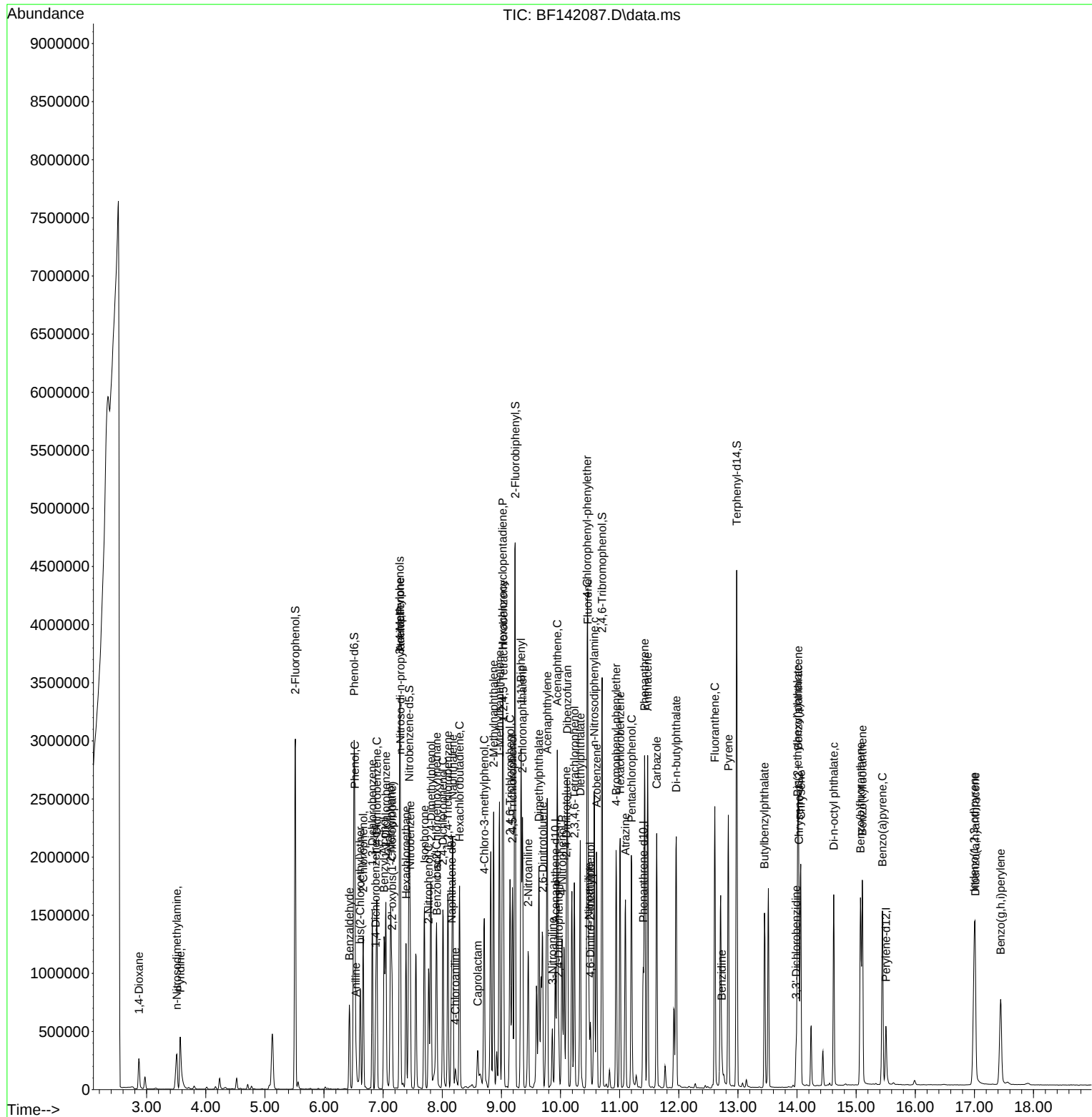
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44) 2,4,5-Trichlorophenol	9.186	196	365263	56.494	ng	99
46) 1,1'-Biphenyl	9.333	154	1319010	54.108	ng	99
47) 2-Chloronaphthalene	9.357	162	995264	54.776	ng	99
48) 2-Nitroaniline	9.451	65	288428	54.825	ng	100
49) Acenaphthylene	9.774	152	1559293	57.831	ng	100
50) Dimethylphthalate	9.633	163	1224995	54.524	ng	100
51) 2,6-Dinitrotoluene	9.698	165	265102	56.672	ng	92
52) Acenaphthene	9.945	154	1022453	53.960	ng	100
53) 3-Nitroaniline	9.863	138	113374	23.893	ng	100
54) 2,4-Dinitrophenol	9.969	184	104863	42.786	ng	# 51
55) Dibenzofuran	10.116	168	1420103	52.451	ng	100
56) 4-Nitrophenol	10.027	139	314724	87.951	ng	95
57) 2,4-Dinitrotoluene	10.098	165	362742	59.371	ng	100
58) Fluorene	10.463	166	1131216	54.179	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	325631	55.347	ng	96
60) Diethylphthalate	10.333	149	1156487	51.623	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	597660	54.904	ng	98
62) 4-Nitroaniline	10.480	138	224343	48.563	ng	98
63) Azobenzene	10.610	77	1035418	49.713	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	113032	36.508	ng	100
66) n-Nitrosodiphenylamine	10.569	169	971153	57.784	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	390550	59.877	ng	98
68) Hexachlorobenzene	11.010	284	446783	62.454	ng	94
69) Atrazine	11.098	200	324123	62.909	ng	99
70) Pentachlorophenol	11.204	266	358787	81.401	ng	99
71) Phenanthrene	11.421	178	1577629	56.239	ng	100
72) Anthracene	11.474	178	1614204	57.356	ng	100
73) Carbazole	11.627	167	1261459	51.973	ng	100
74) Di-n-butylphthalate	11.957	149	1597049	49.589	ng	100
75) Fluoranthene	12.610	202	1420422	47.734	ng	99
77) Benzidine	12.727	184	84364	21.110	ng	# 87
78) Pyrene	12.839	202	1371346	55.347	ng	99
80) Butylbenzylphthalate	13.451	149	492103	50.744	ng	99
81) Benzo(a)anthracene	14.021	228	1111333	59.126	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	113644	20.922	ng	99
83) Chrysene	14.062	228	955678	56.091	ng	99
84) Bis(2-ethylhexyl)phtha...	14.009	149	649962	48.609	ng	99
85) Di-n-octyl phthalate	14.621	149	1148175	61.714	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	1033087	52.143	ng	97
88) Benzo(b)fluoranthene	15.074	252	1141038	54.359	ng	99
89) Benzo(k)fluoranthene	15.104	252	945468	52.633	ng	99
90) Benzo(a)pyrene	15.445	252	968916	58.992	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	840007	51.386	ng	98
92) Benzo(g,h,i)perylene	17.445	276	773357	47.874	ng	98

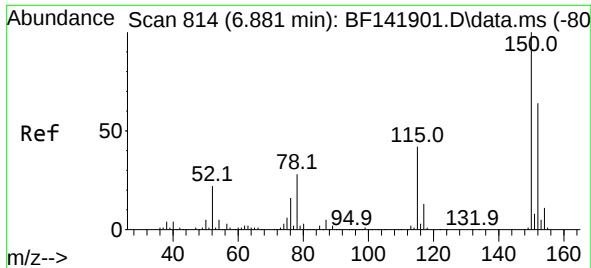
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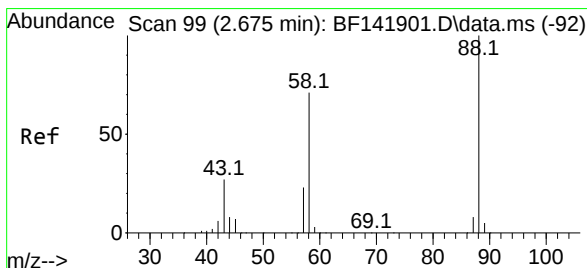
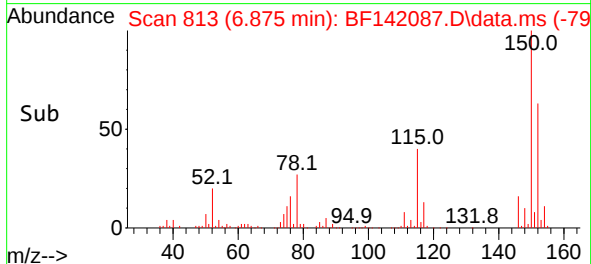
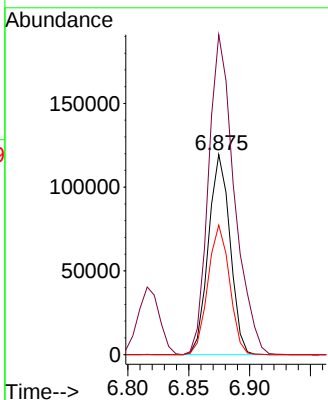
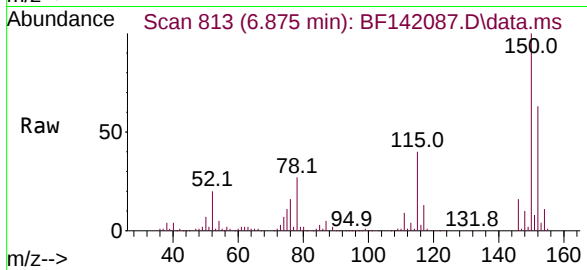




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

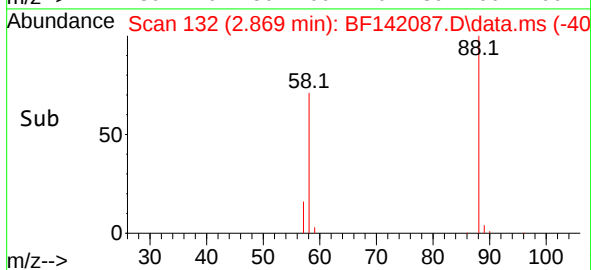
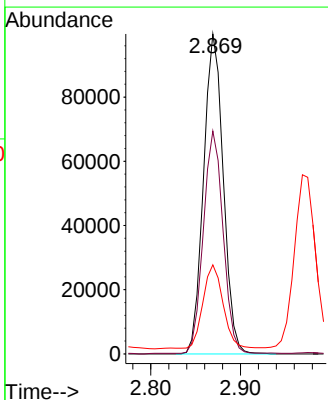
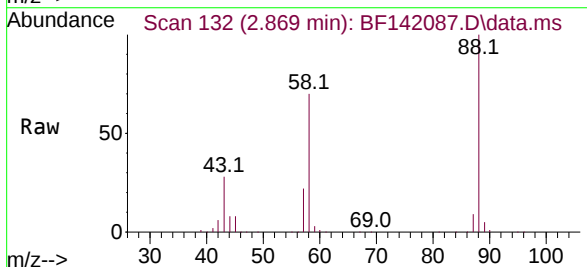
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BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

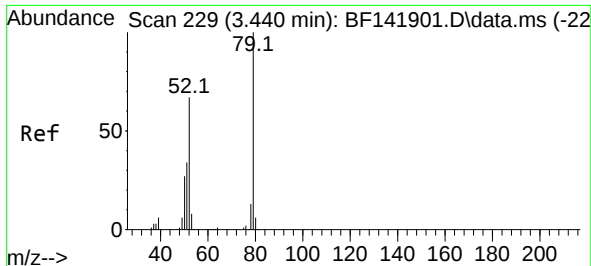
Tgt Ion:152 Resp: 147582
Ion Ratio Lower Upper
152 100
150 159.9 127.4 191.2
115 64.7 51.9 77.9



#2
1,4-Dioxane
Concen: 41.264 ng
RT: 2.869 min Scan# 132
Delta R.T. 0.194 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion: 88 Resp: 152888
Ion Ratio Lower Upper
88 100
58 69.3 57.4 86.2
43 0.0 21.5 32.3#





#3

Pyridine

Concen: 40.883 ng

RT: 3.569 min Scan# 21

Delta R.T. 0.129 min

Lab File: BF142087.D

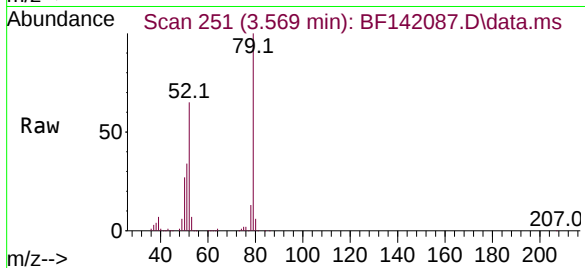
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Instrument :

BNA_F

ClientSampleId :

GRID-LINE-1.2-NORTHMSD



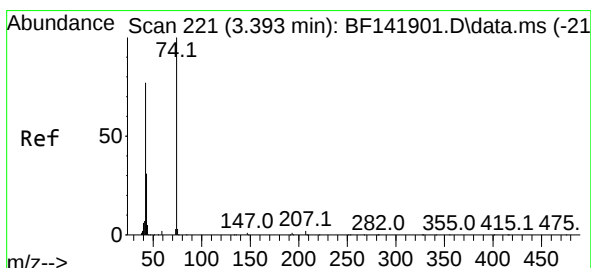
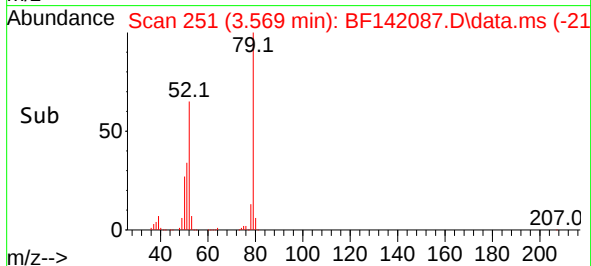
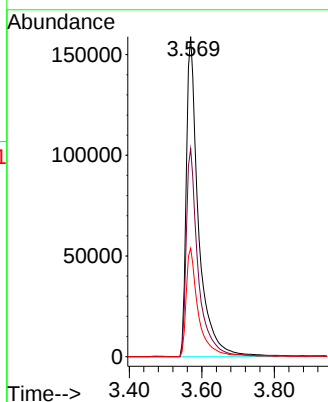
Tgt Ion: 79 Resp: 371564

Ion Ratio Lower Upper

79 100

52 65.0 53.3 79.9

51 33.9 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 45.877 ng

RT: 3.510 min Scan# 241

Delta R.T. 0.118 min

Lab File: BF142087.D

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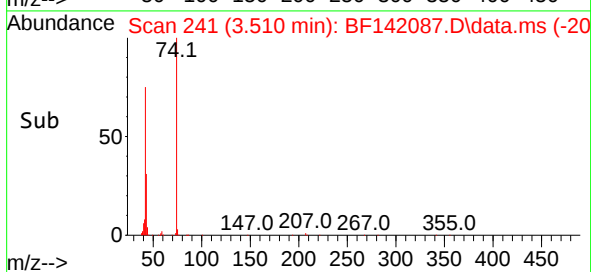
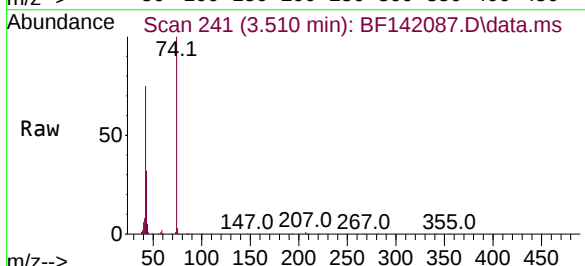
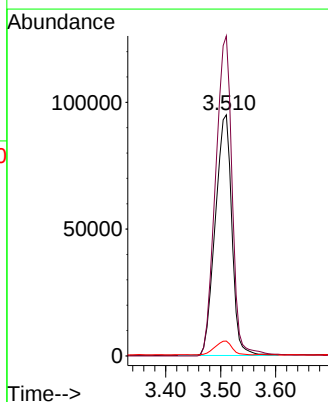
Tgt Ion: 42 Resp: 198756

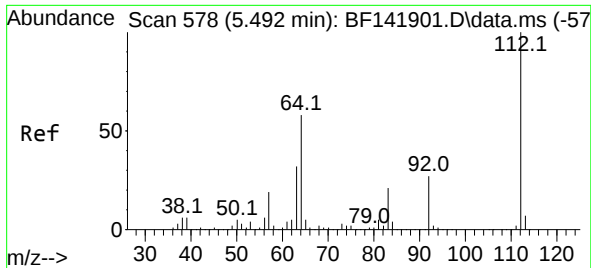
Ion Ratio Lower Upper

42 100

74 132.7 103.4 155.0

44 6.1 5.0 7.4

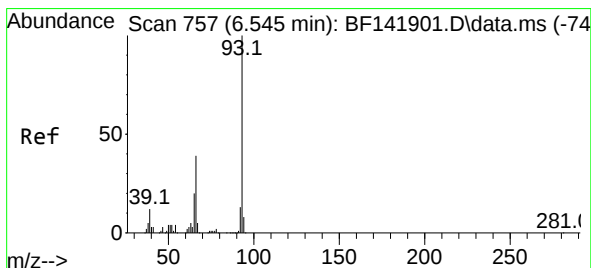
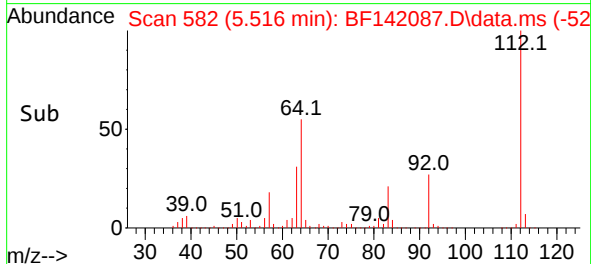
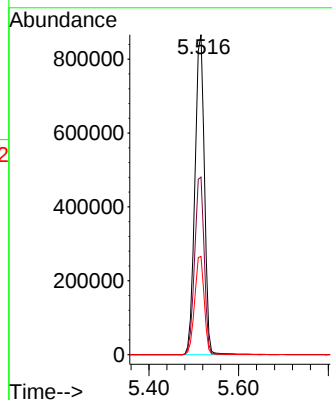
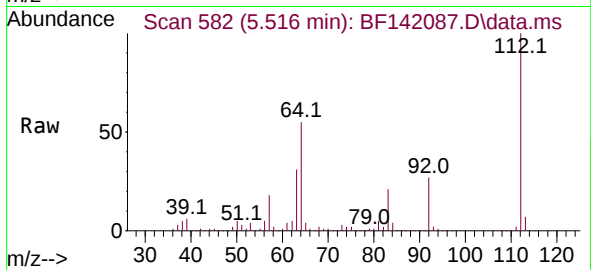




#5
2-Fluorophenol
Concen: 143.917 ng
RT: 5.516 min Scan# 581
Delta R.T. 0.023 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

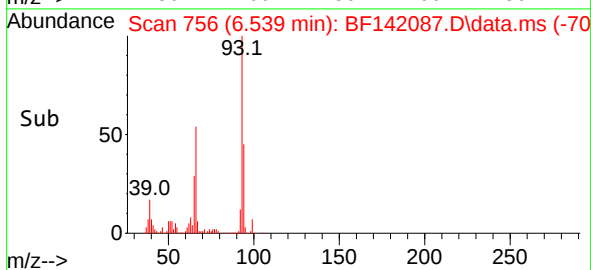
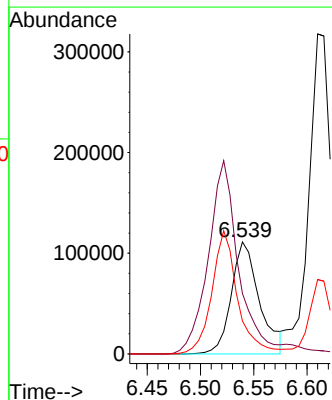
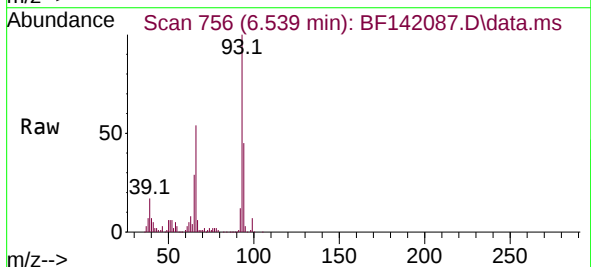
Instrument :
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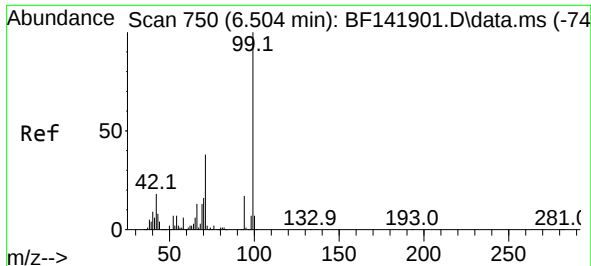
Tgt Ion:112 Resp: 1272624
Ion Ratio Lower Upper
112 100
64 55.5 46.5 69.7
63 30.7 25.4 38.2



#6
Aniline
Concen: 18.324 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF142087.D
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Tgt Ion: 93 Resp: 203518
Ion Ratio Lower Upper
93 100
66 54.0 31.9 47.9#
65 29.4 15.8 23.6#



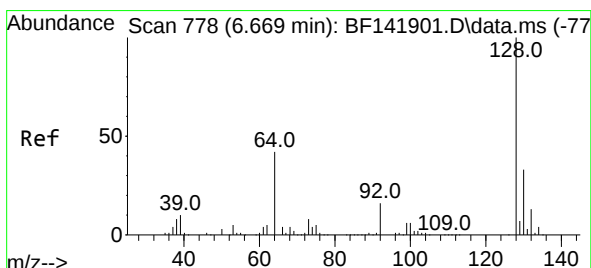
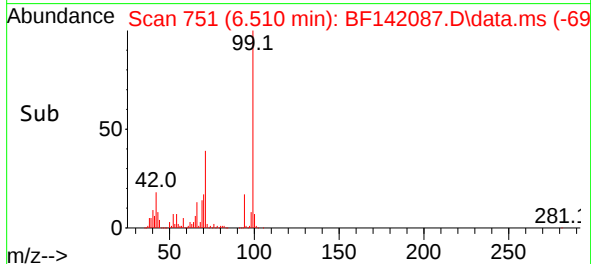
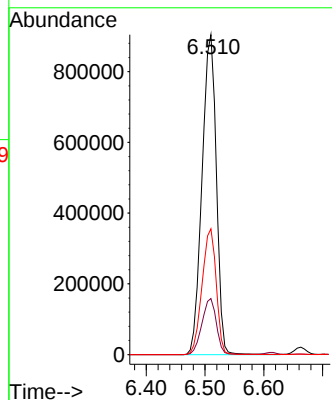
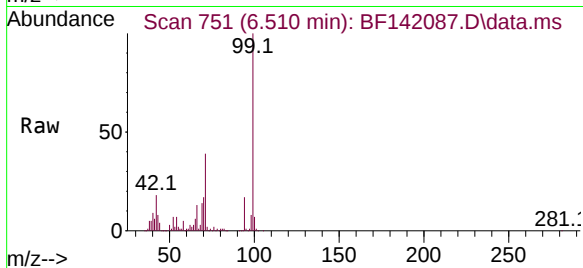


#7
Phenol-d6
Concen: 135.840 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF142087.D
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Tgt Ion: 99 Resp: 1529391

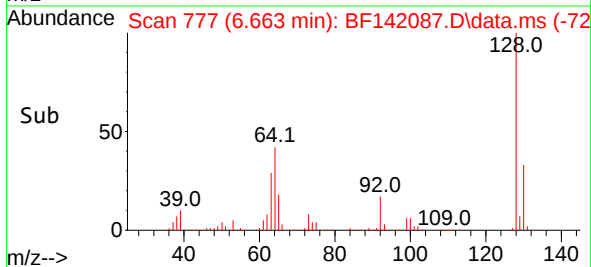
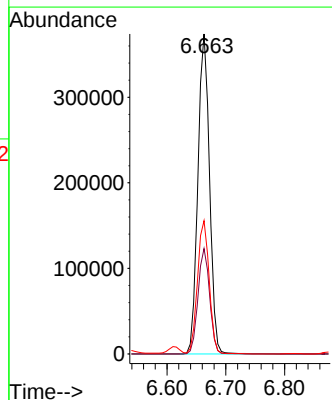
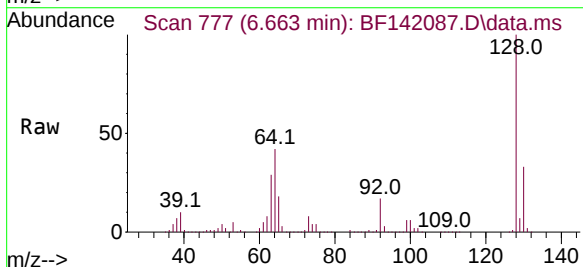
Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.6	21.8
71	39.3	30.8	46.2

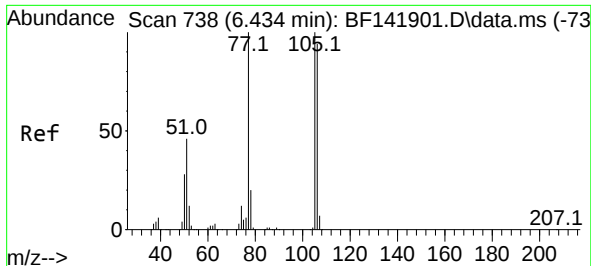


#8
2-Chlorophenol
Concen: 52.238 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion:128 Resp: 512313

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.8	52.8
64	41.6	24.4	64.4

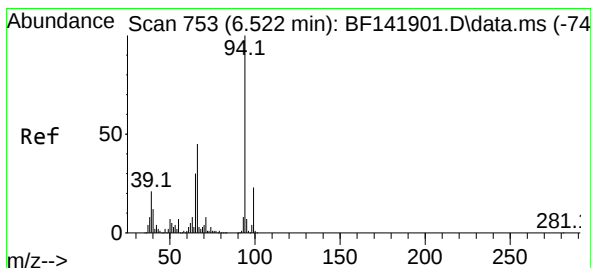
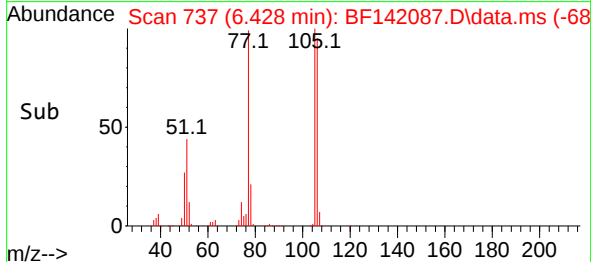
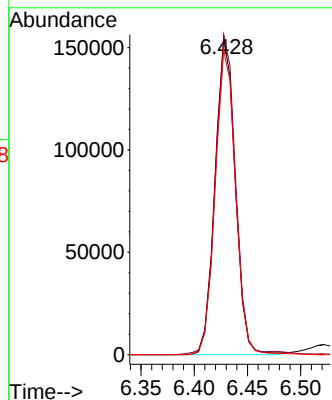
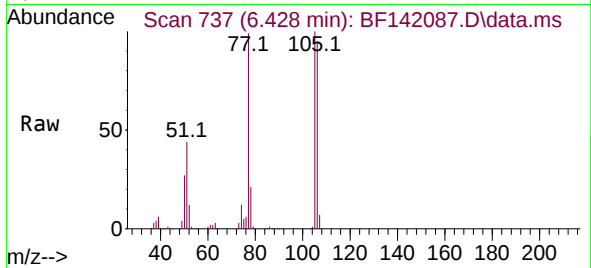




#9
Benzaldehyde
Concen: 32.373 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF142087.D
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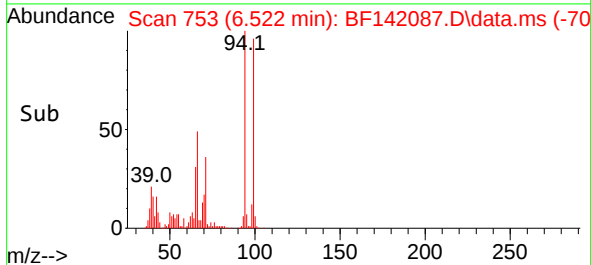
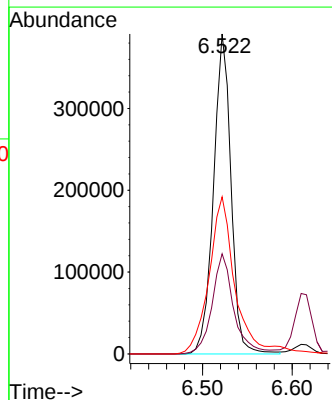
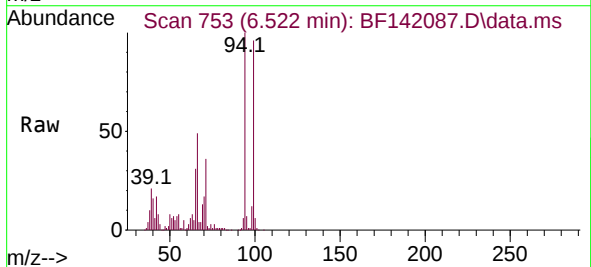
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GRID-LINE-1.2-NORTHMSD

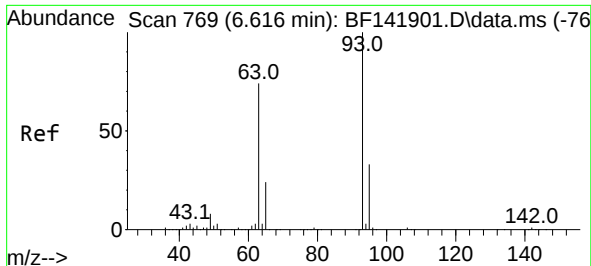
Tgt Ion: 77 Resp: 203847
Ion Ratio Lower Upper
77 100
105 101.2 80.0 120.0
106 96.2 74.5 114.5



#10
Phenol
Concen: 45.115 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion: 94 Resp: 534367
Ion Ratio Lower Upper
94 100
65 31.3 10.5 50.5
66 49.1 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 51.214 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

Instrument :

BNA_F

ClientSampleId :

GRID-LINE-1.2-NORTHMSD

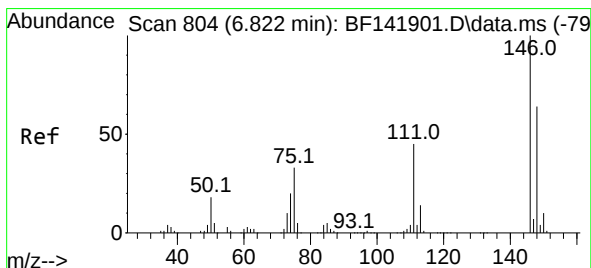
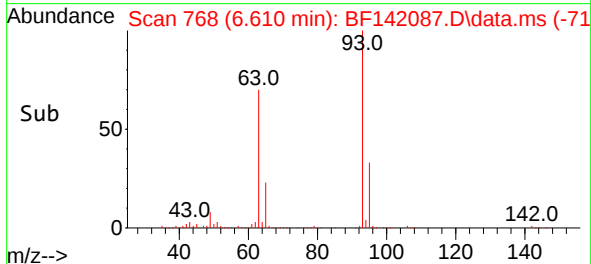
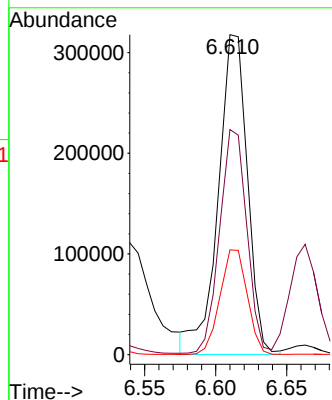
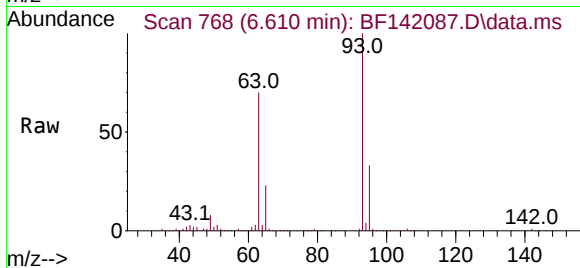
Tgt Ion: 93 Resp: 455495

Ion Ratio Lower Upper

93 100

63 70.3 53.0 93.0

95 32.7 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 45.642 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

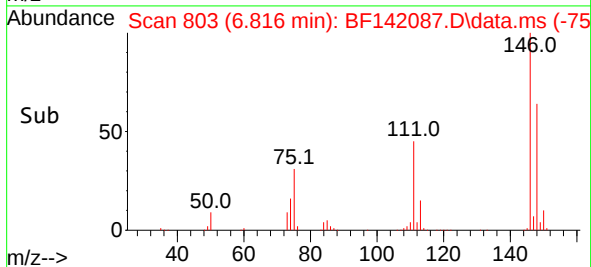
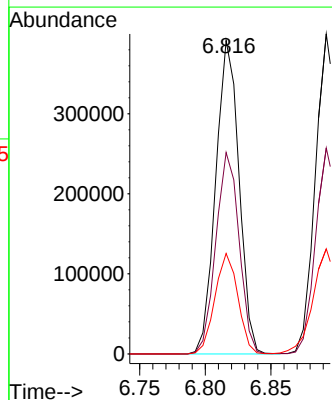
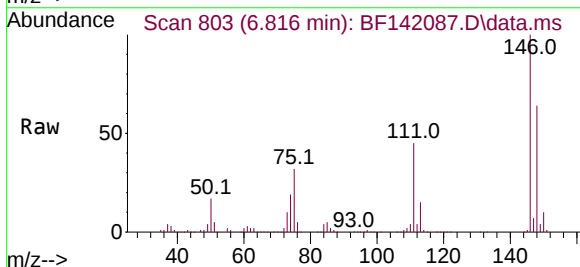
Tgt Ion: 146 Resp: 483255

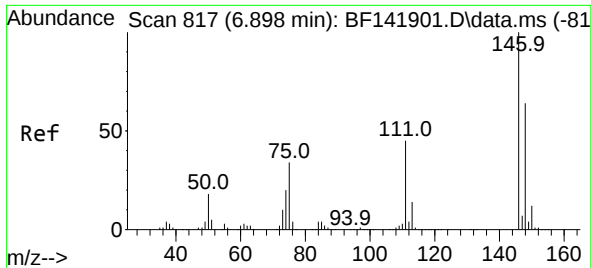
Ion Ratio Lower Upper

146 100

148 64.3 51.3 76.9

75 32.0 26.6 40.0

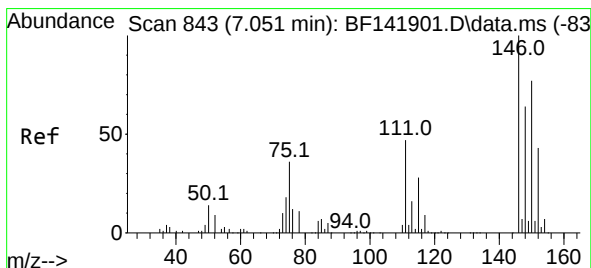
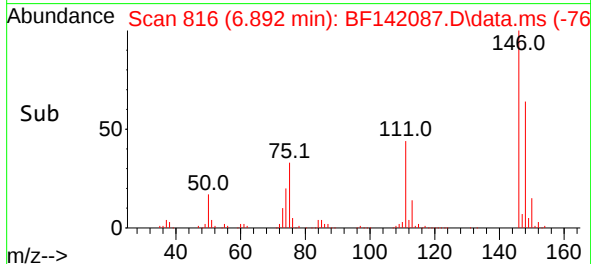
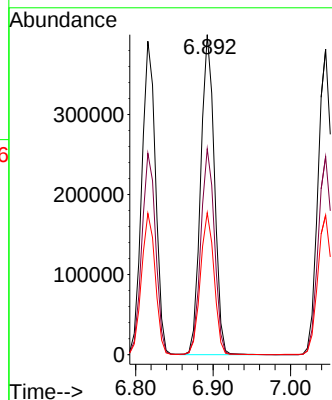
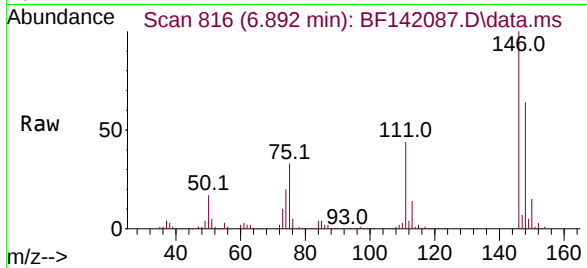




#13
1,4-Dichlorobenzene
Concen: 45.748 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

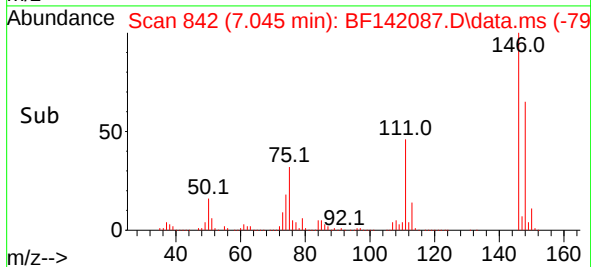
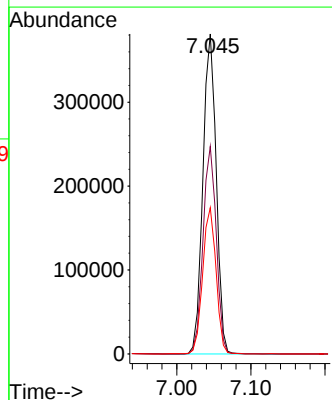
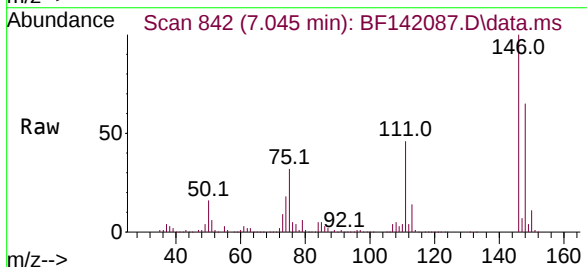
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

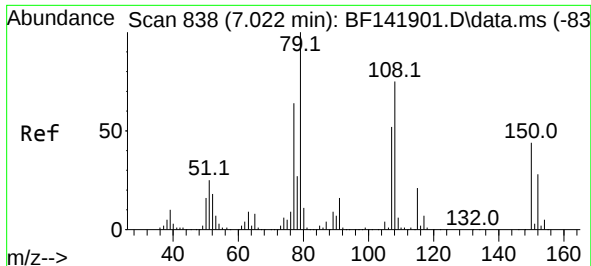
Tgt Ion:146 Resp: 490090
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
111 44.3 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 47.156 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion:146 Resp: 475822
Ion Ratio Lower Upper
146 100
148 64.8 50.8 76.2
111 45.7 38.0 57.0

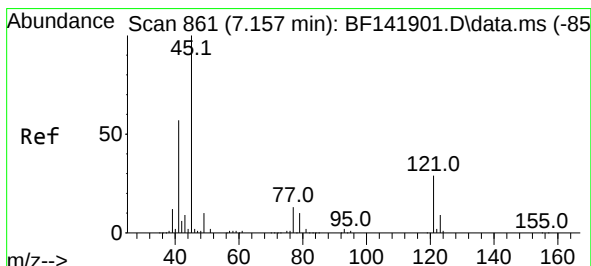
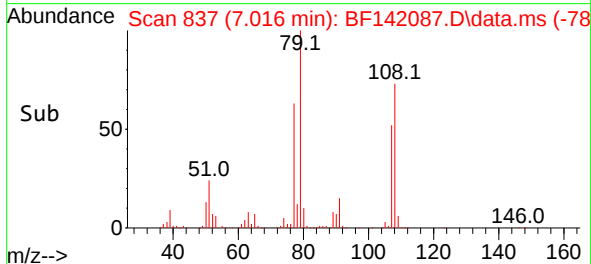
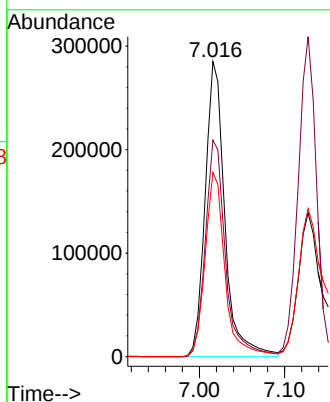
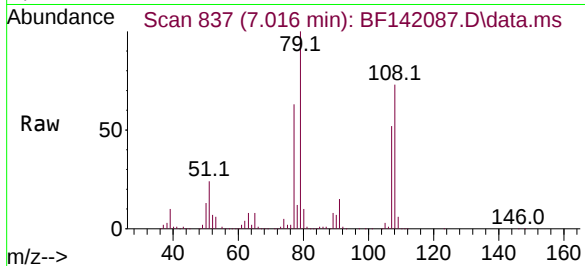




#15
Benzyl Alcohol
Concen: 50.230 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

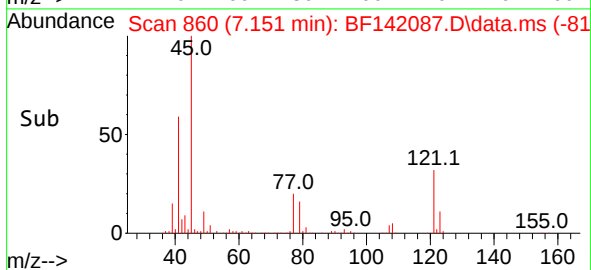
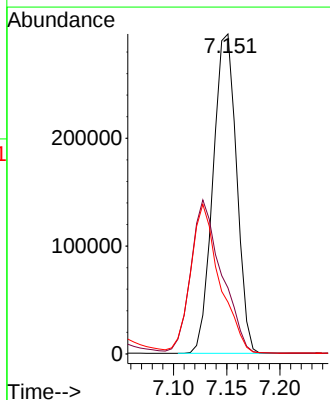
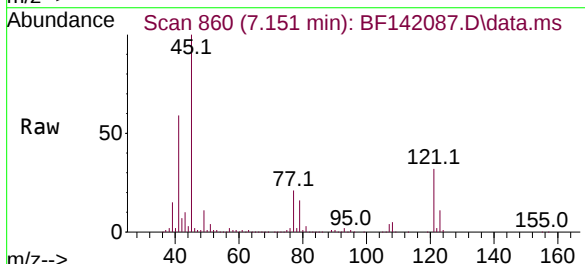
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

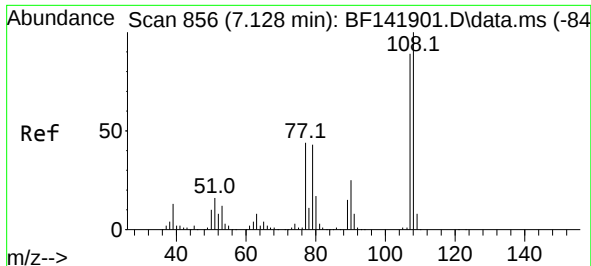
Tgt Ion: 79 Resp: 457196
Ion Ratio Lower Upper
79 100
108 73.4 59.7 89.5
77 62.5 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.545 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

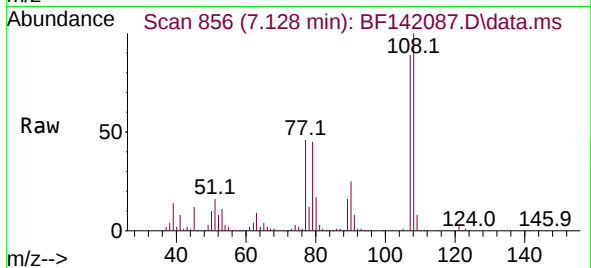
Tgt Ion: 45 Resp: 456827
Ion Ratio Lower Upper
45 100
77 20.6 0.0 37.8
79 16.2 0.0 34.2



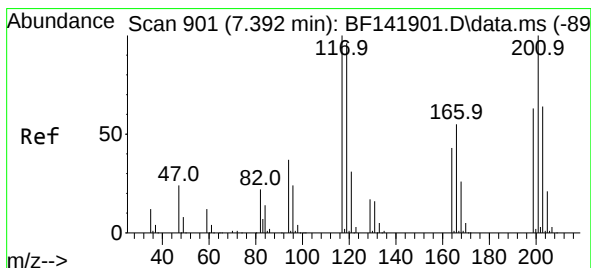
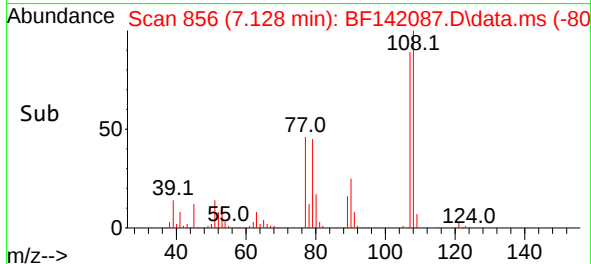
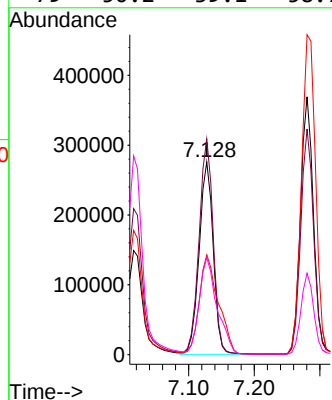


#17
2-Methylphenol
Concen: 52.704 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

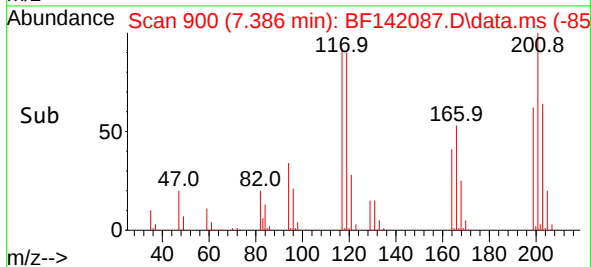
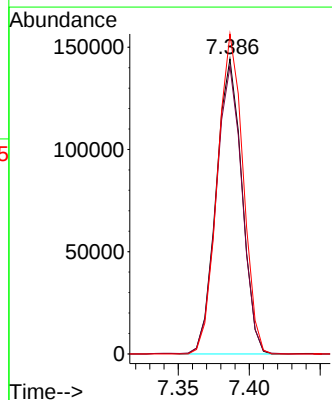
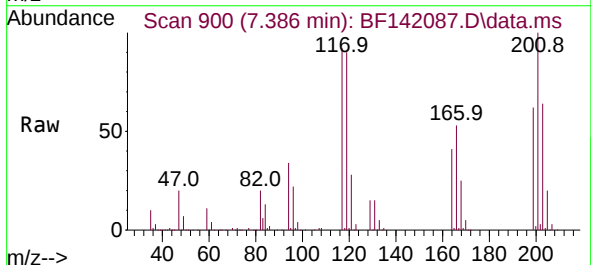


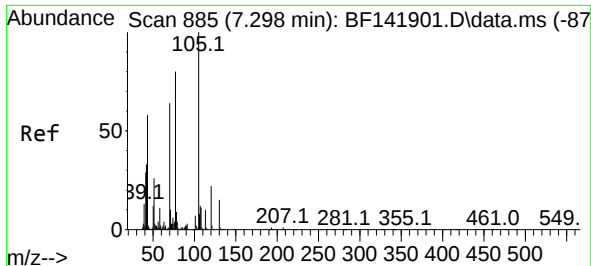
Tgt Ion:	107	Resp:	410976
Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.2	135.2
77	51.7	39.6	59.4
79	50.2	39.1	58.7



#18
Hexachloroethane
Concen: 45.199 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion:	117	Resp:	181574
Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.9	115.3
201	108.5	79.9	119.9

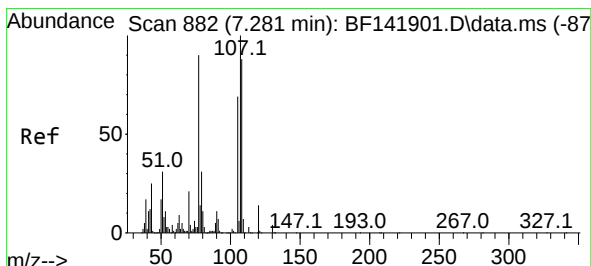
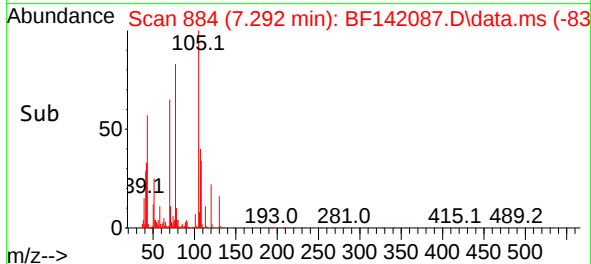
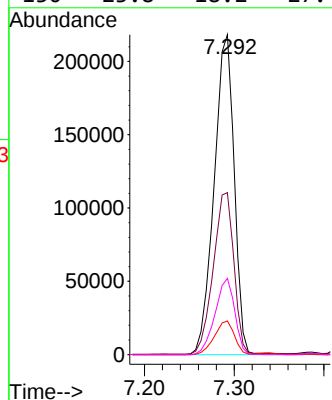
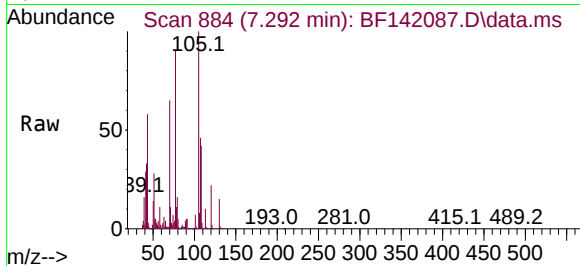




#19
n-Nitroso-di-n-propylamine
Concen: 47.119 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

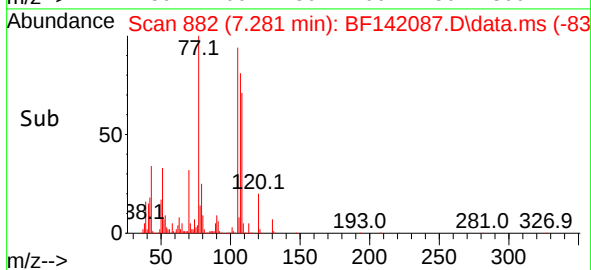
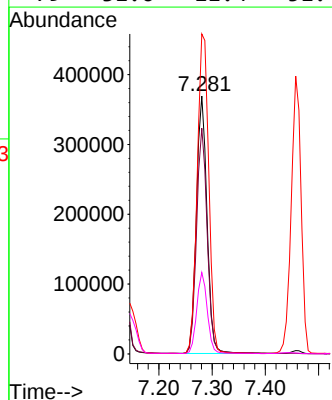
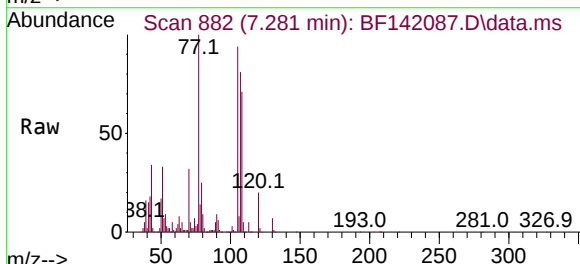
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

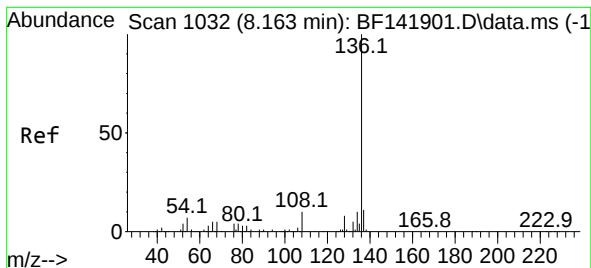
Tgt Ion:	70	Resp:	340881
Ion	Ratio	Lower	Upper
70	100		
42	50.6	41.4	62.0
101	10.5	8.2	12.2
130	23.8	18.2	27.4



#20
3+4-Methylphenols
Concen: 51.096 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion:	107	Resp:	510347
Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.4	108.4
77	124.1	69.7	109.7#
79	31.6	11.4	51.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

Instrument :

BNA_F

ClientSampleId :

GRID-LINE-1.2-NORTHMSD

Tgt Ion:136 Resp: 576033

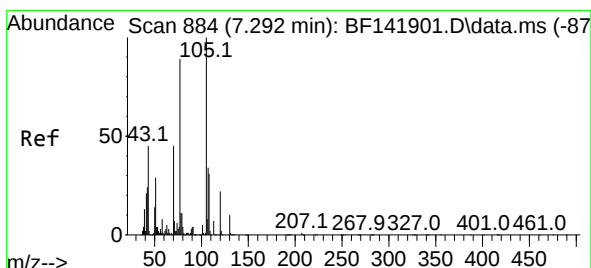
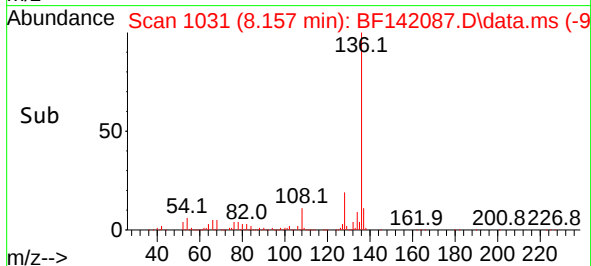
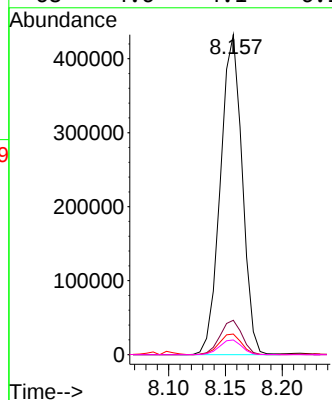
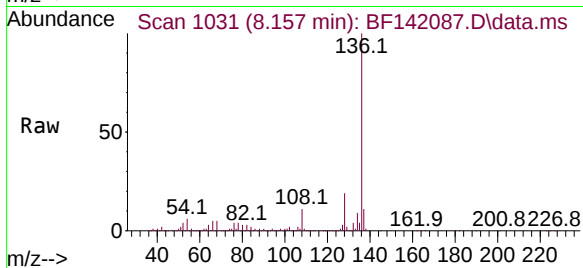
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.4 5.8 8.8

68 4.6 4.1 6.1



#22

Acetophenone

Concen: 49.295 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

Tgt Ion:105 Resp: 680001

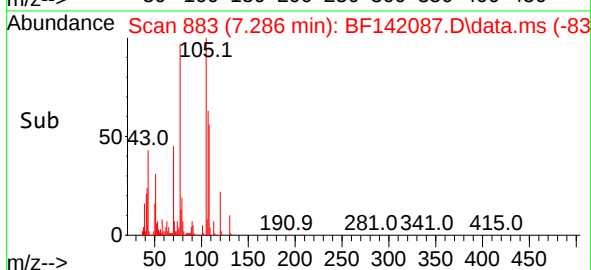
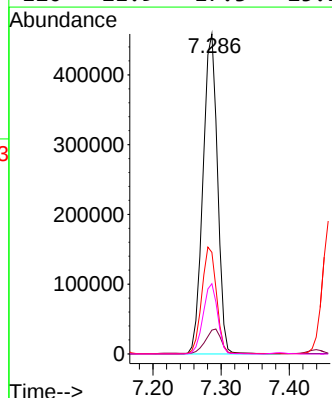
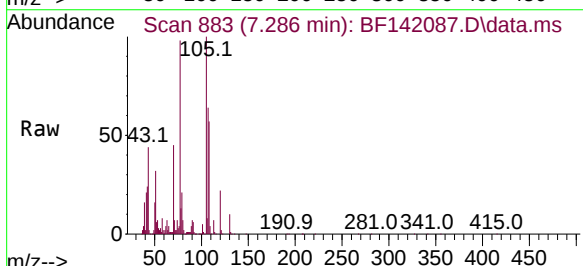
Ion Ratio Lower Upper

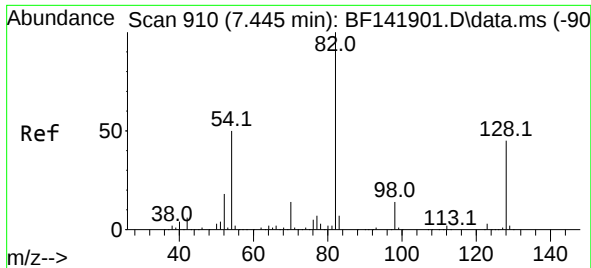
105 100

71 7.4 5.8 8.8

51 31.7 23.4 35.0

120 21.9 17.3 25.9



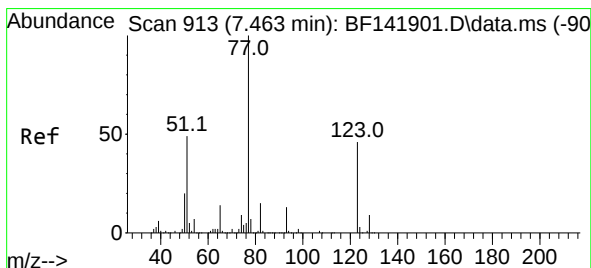
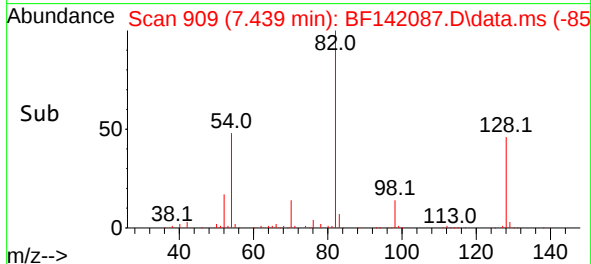
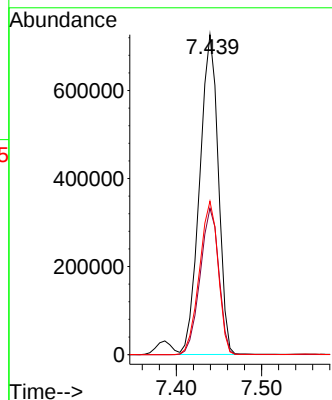
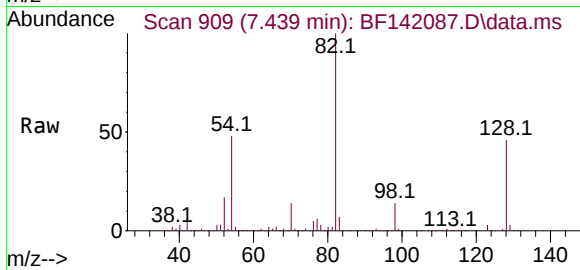


#23
Nitrobenzene-d5
Concen: 107.655 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

Tgt Ion: 82 Resp: 1101944

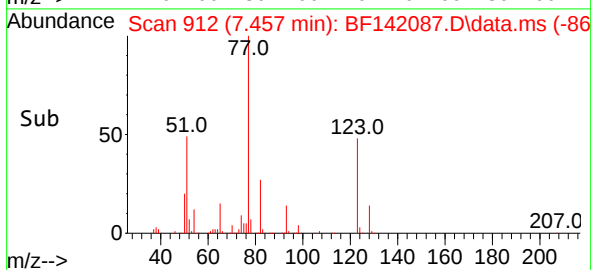
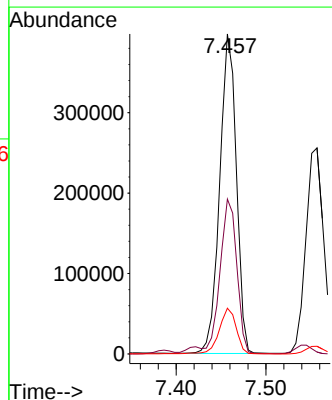
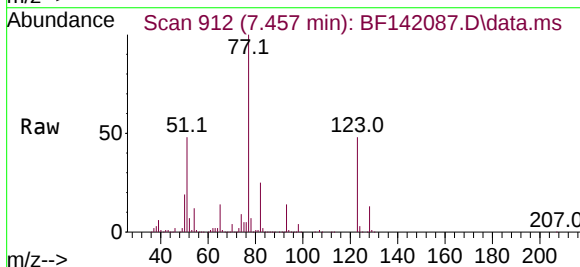
Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.0	54.0
54	47.9	39.6	59.4

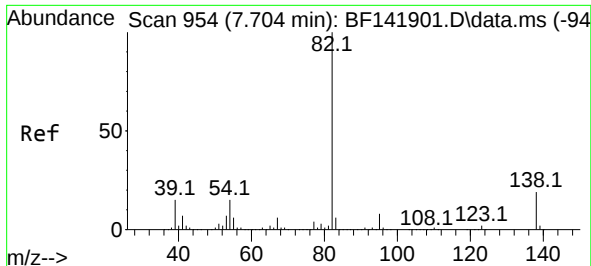


#24
Nitrobenzene
Concen: 50.415 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion: 77 Resp: 513007

Ion	Ratio	Lower	Upper
77	100		
123	48.4	37.0	55.4
65	14.3	11.3	16.9

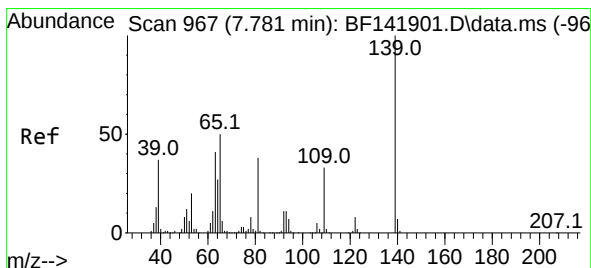
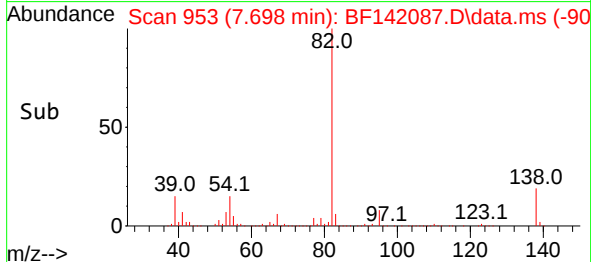
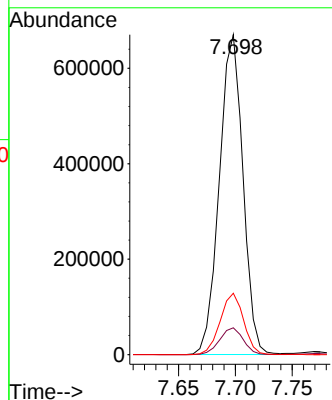
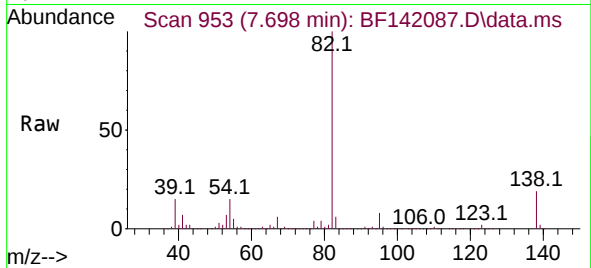




#25
Isophorone
Concen: 53.539 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

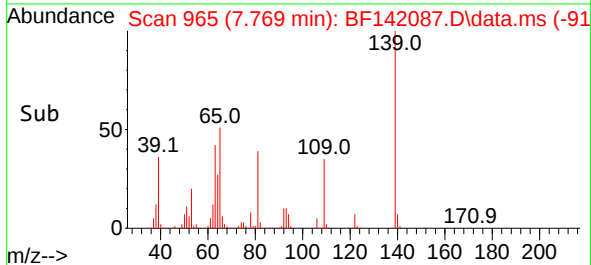
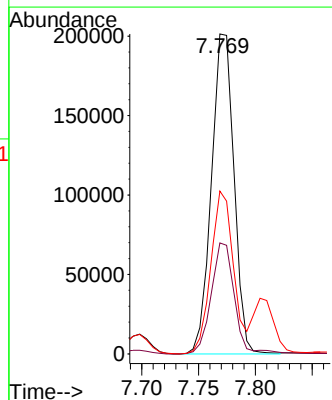
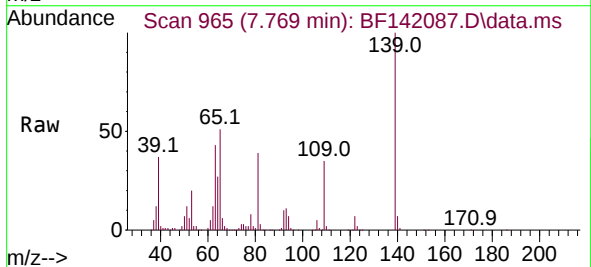
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

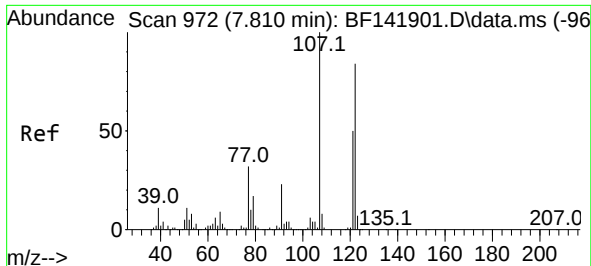
Tgt Ion: 82 Resp: 968710
Ion Ratio Lower Upper
82 100
95 8.4 6.4 9.6
138 19.2 14.9 22.3



#26
2-Nitrophenol
Concen: 55.726 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion:139 Resp: 278309
Ion Ratio Lower Upper
139 100
109 34.7 26.5 39.7
65 50.9 40.3 60.5

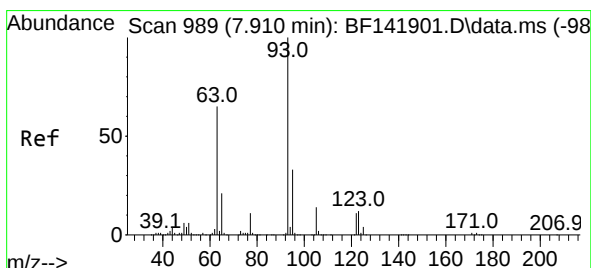
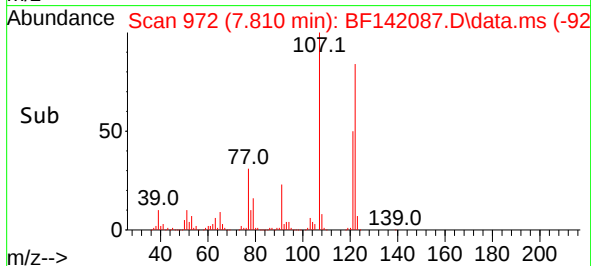
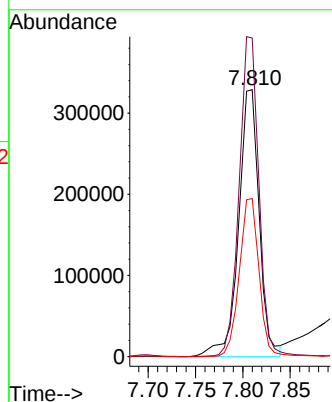
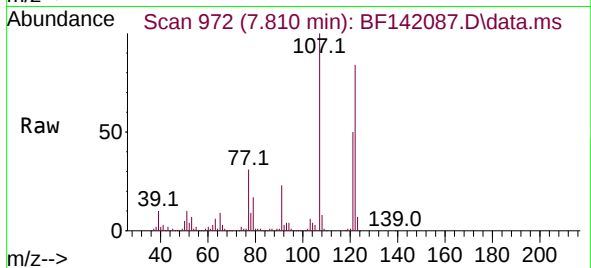




#27
2,4-Dimethylphenol
Concen: 72.313 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

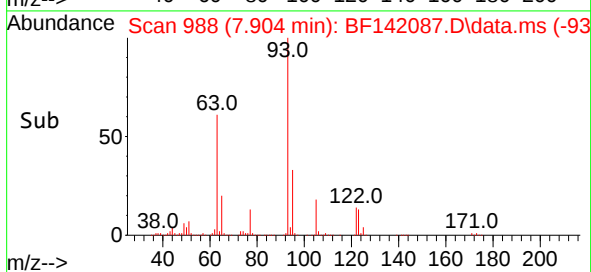
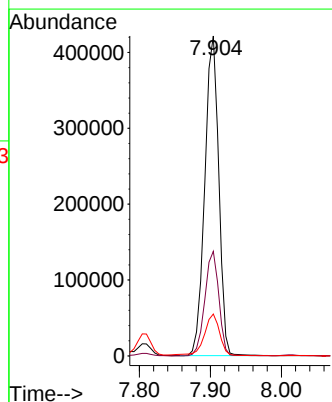
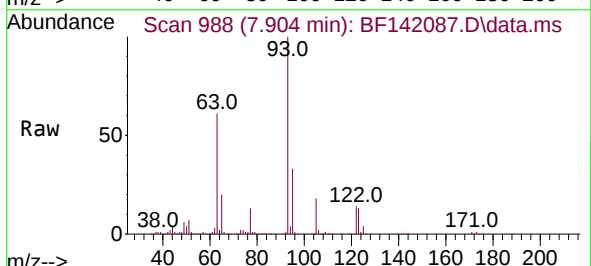
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

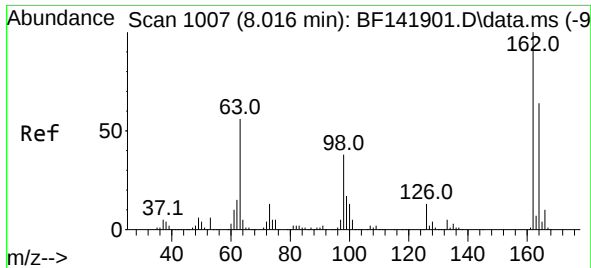
Tgt Ion:122 Resp: 497284
Ion Ratio Lower Upper
122 100
107 119.3 94.8 142.2
121 59.2 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 50.445 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion: 93 Resp: 572475
Ion Ratio Lower Upper
93 100
95 32.7 26.6 40.0
123 13.1 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 54.338 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

Instrument :

BNA_F

ClientSampleId :

GRID-LINE-1.2-NORTHMSD

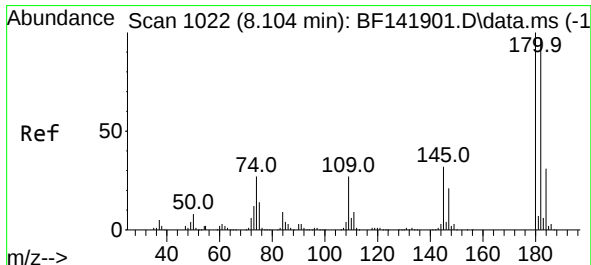
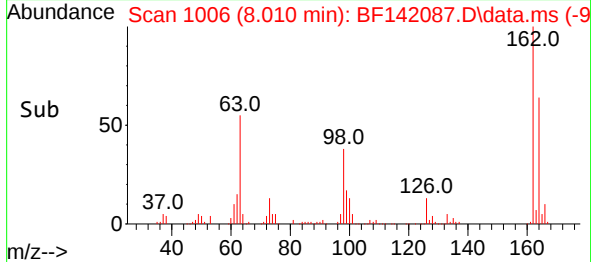
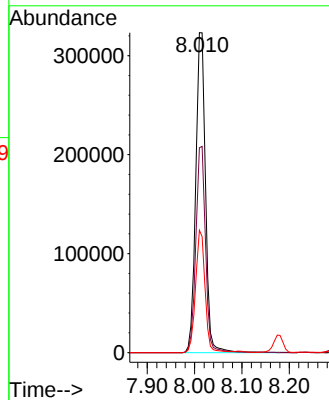
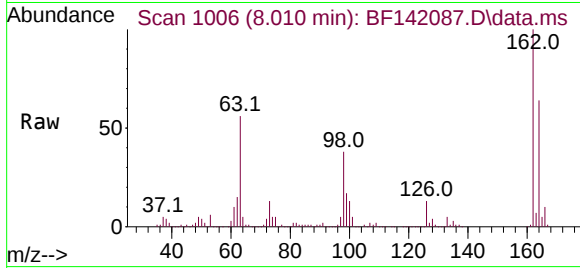
Tgt Ion:162 Resp: 463821

Ion Ratio Lower Upper

162 100

164 64.0 43.8 83.8

98 38.3 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 50.314 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

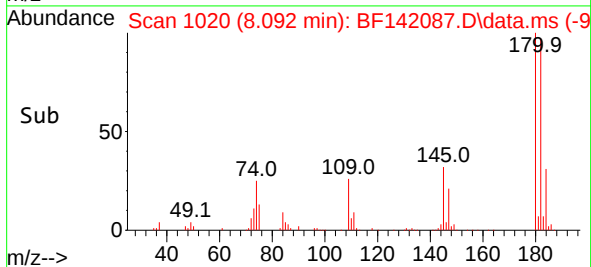
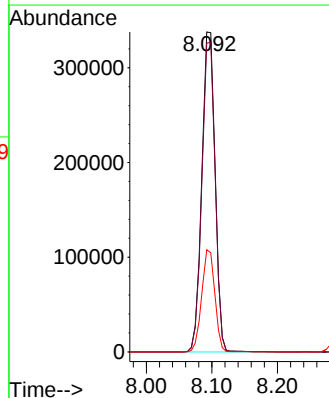
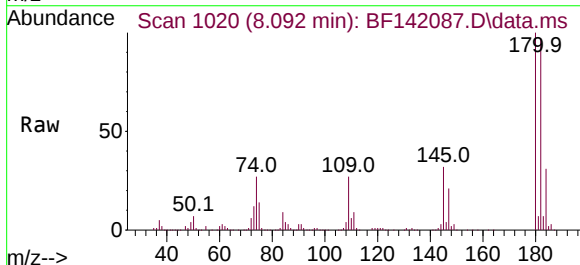
Tgt Ion:180 Resp: 473289

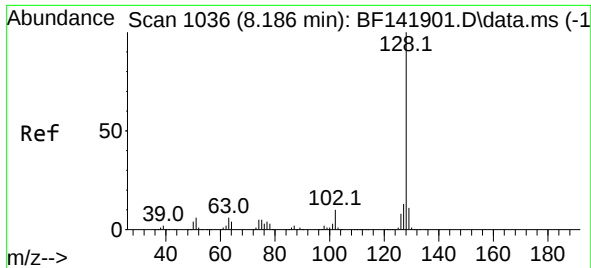
Ion Ratio Lower Upper

180 100

182 96.5 77.5 116.3

145 31.9 25.8 38.6

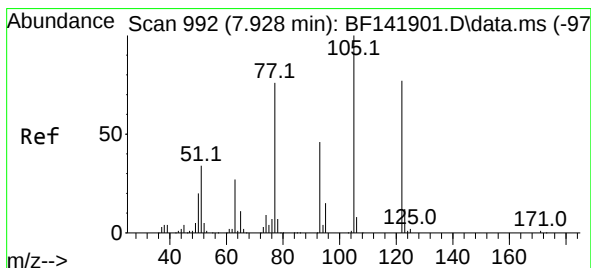
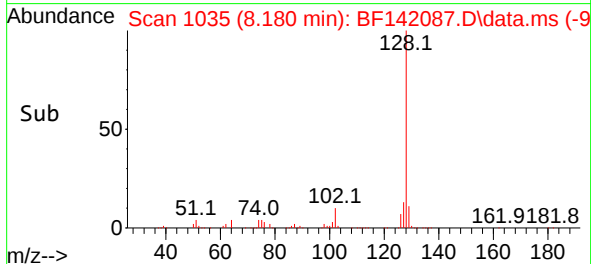
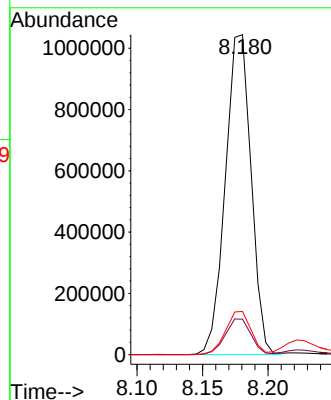
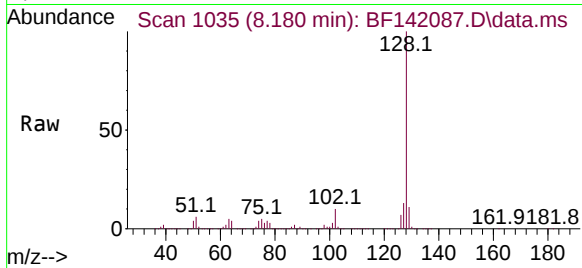




#31
Naphthalene
Concen: 48.377 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

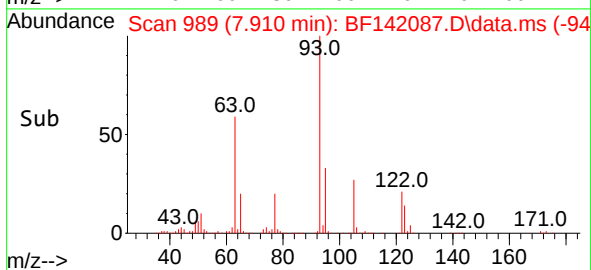
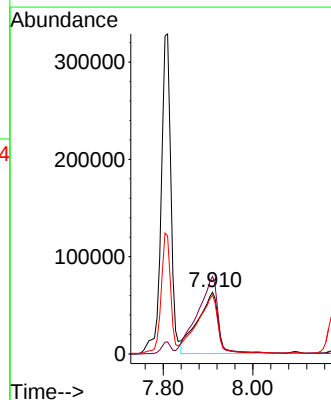
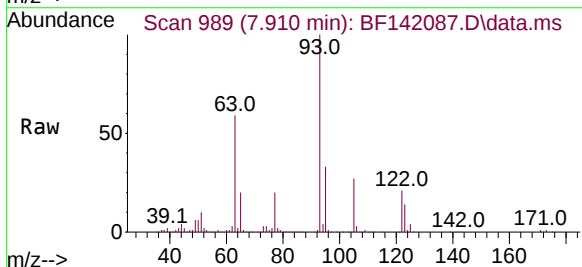
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

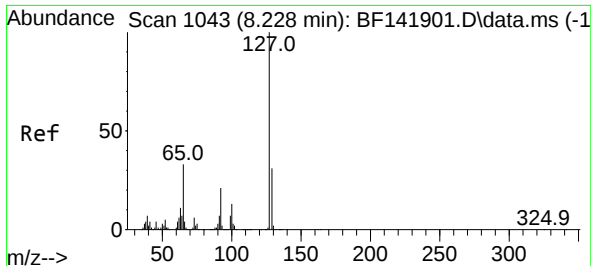
Tgt Ion:128 Resp: 1431482
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 33.921 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.018 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion:122 Resp: 205050
Ion Ratio Lower Upper
122 100
105 125.8 107.9 147.9
77 95.5 79.0 119.0

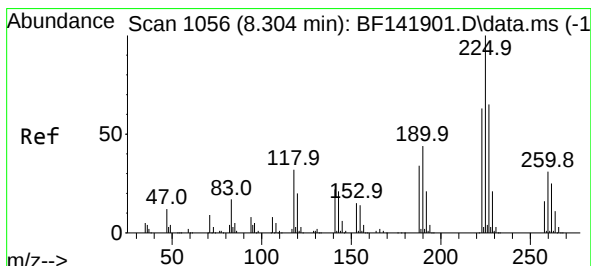
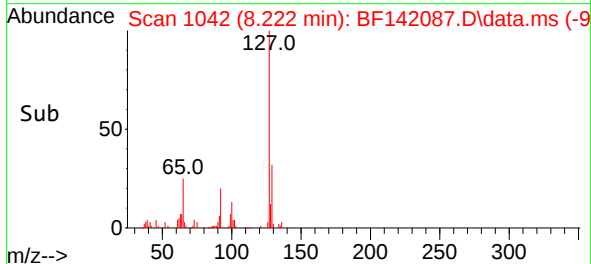
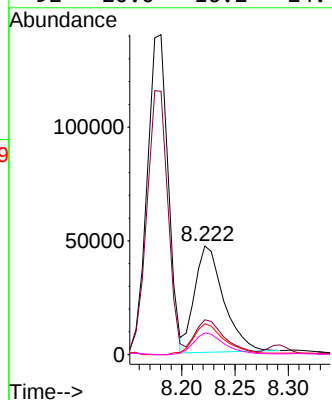
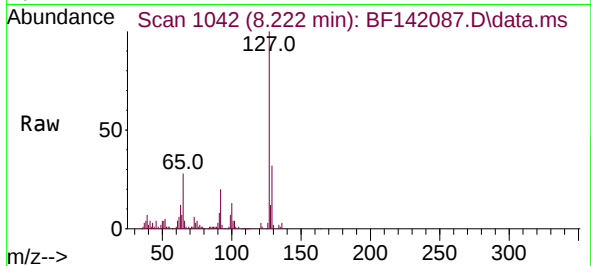




#33
4-Chloroaniline
Concen: 8.504 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

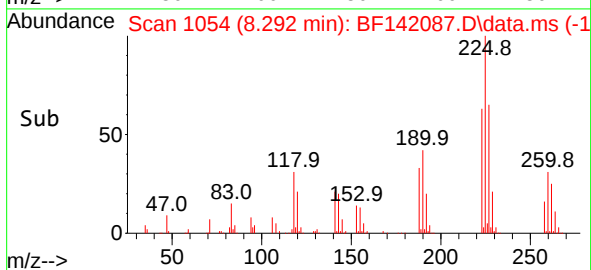
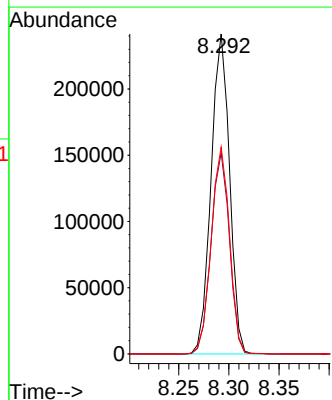
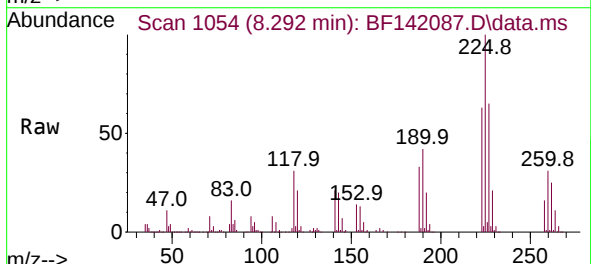
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

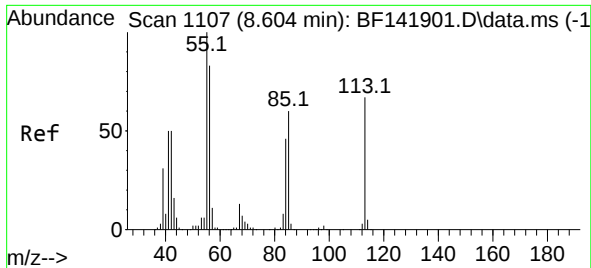
Tgt Ion:127	Resp:	88832
Ion Ratio	Lower	Upper
127	100	
129	32.0	26.2 39.4
65	28.4	25.4 38.2
92	20.0	16.2 24.4



#34
Hexachlorobutadiene
Concen: 50.362 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion:225	Resp:	308947
Ion Ratio	Lower	Upper
225	100	
223	62.8	50.6 75.8
227	64.6	52.2 78.2

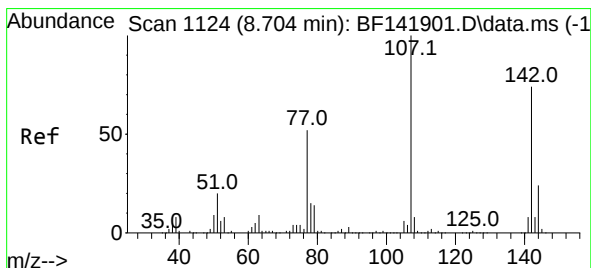
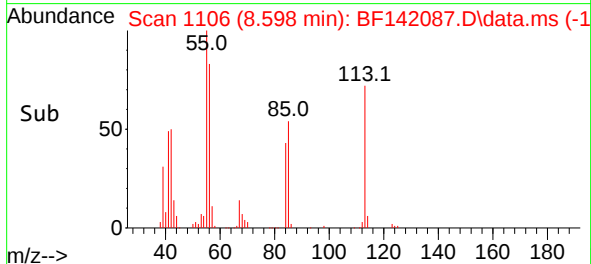
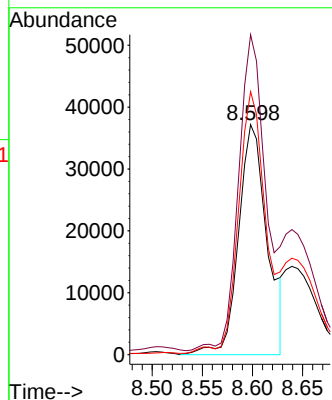
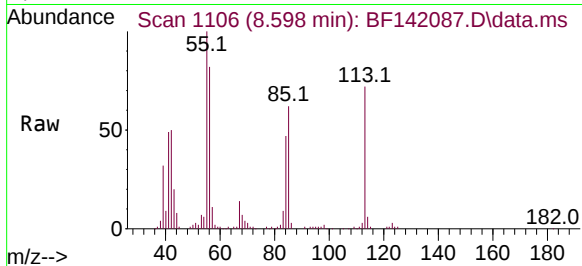




#35
 Caprolactam
 Concen: 28.164 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF142087.D
 Acq: 25 Mar 2025 19:37

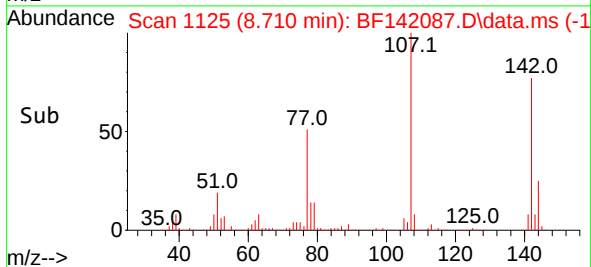
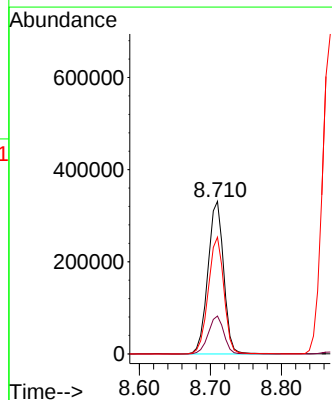
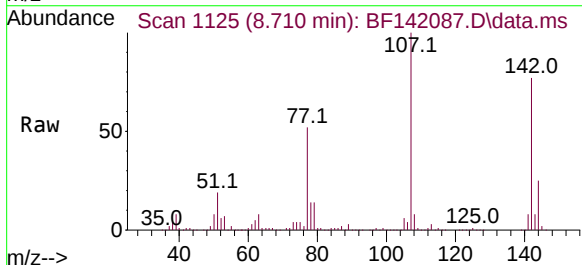
Instrument :
 BNA_F
 ClientSampleId :
 GRID-LINE-1.2-NORTHMSD

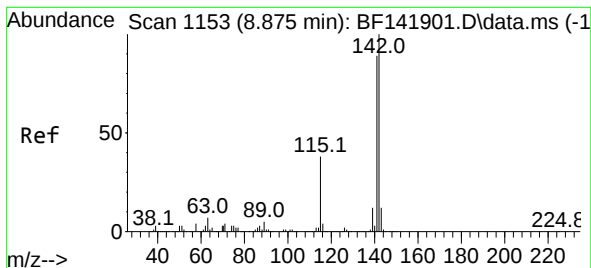
Tgt Ion:113	Resp:	73293
Ion	Ratio	Lower Upper
113	100	
55	139.1	129.6 169.6
56	114.3	104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 53.379 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF142087.D
 Acq: 25 Mar 2025 19:37

Tgt Ion:107	Resp:	508260
Ion	Ratio	Lower Upper
107	100	
144	24.9	19.0 28.6
142	76.6	59.2 88.8





#37

2-Methylnaphthalene

Concen: 46.734 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

Instrument :

BNA_F

ClientSampleId :

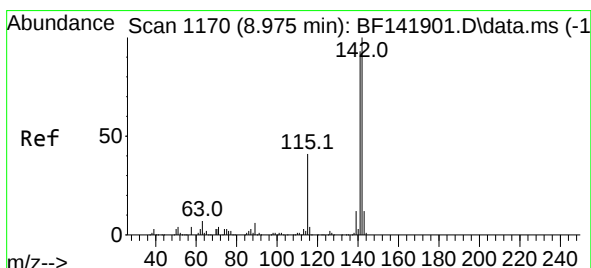
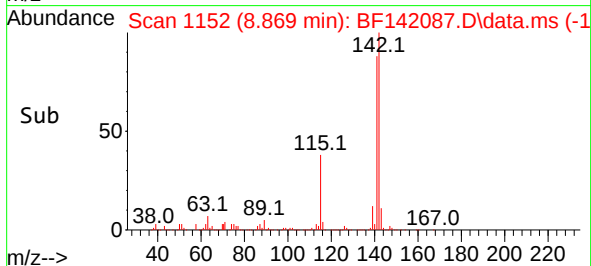
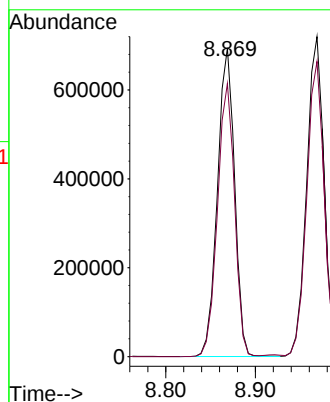
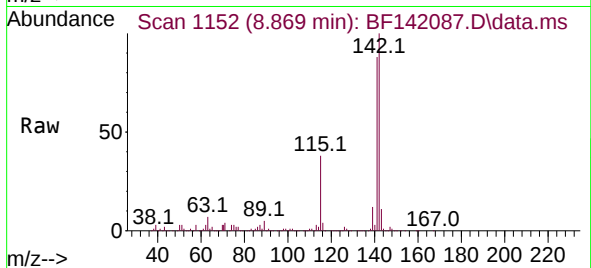
GRID-LINE-1.2-NORTHMSD

Tgt Ion:142 Resp: 924318

Ion Ratio Lower Upper

142 100

141 88.5 71.2 106.8



#38

1-Methylnaphthalene

Concen: 50.197 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142087.D

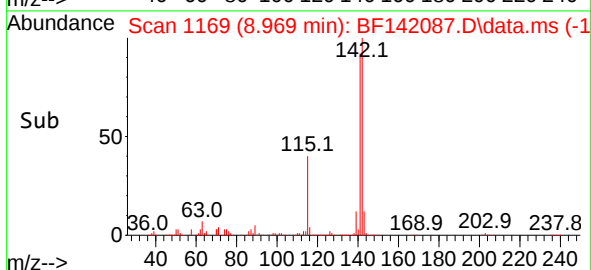
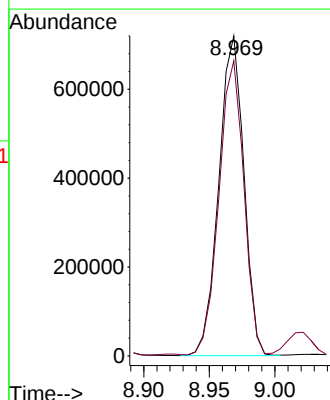
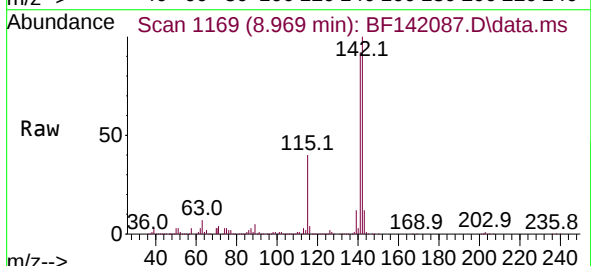
Acq: 25 Mar 2025 19:37

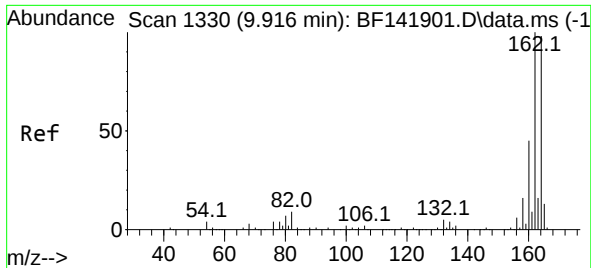
Tgt Ion:142 Resp: 958054

Ion Ratio Lower Upper

142 100

141 92.2 74.2 111.4

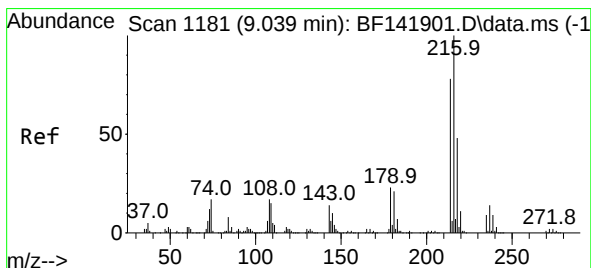
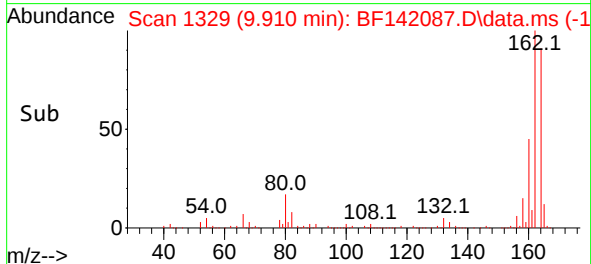
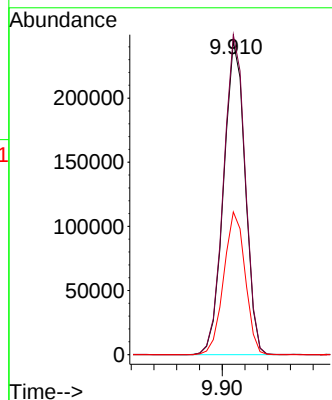
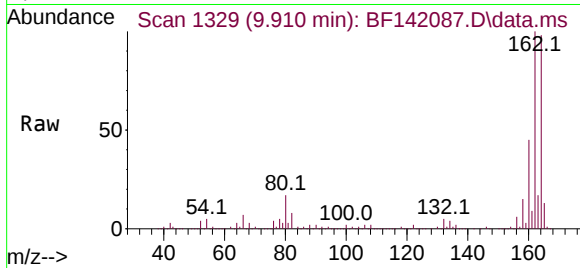




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

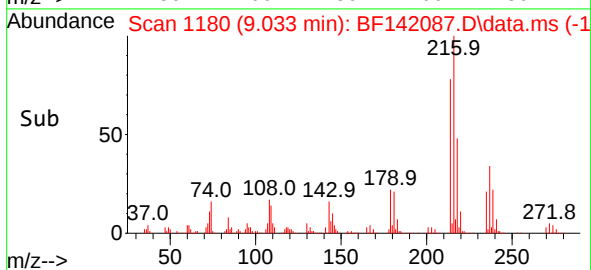
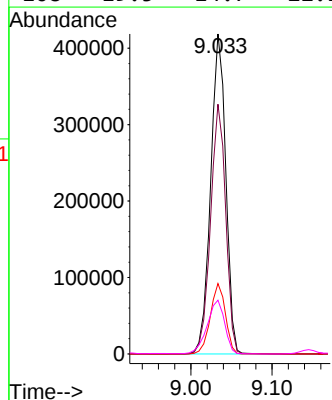
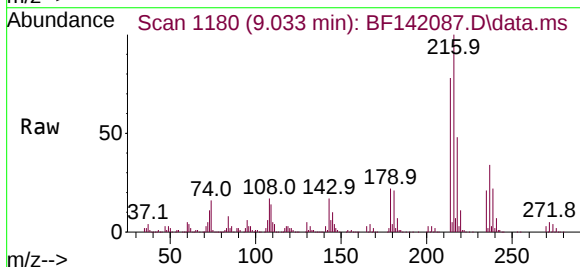
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

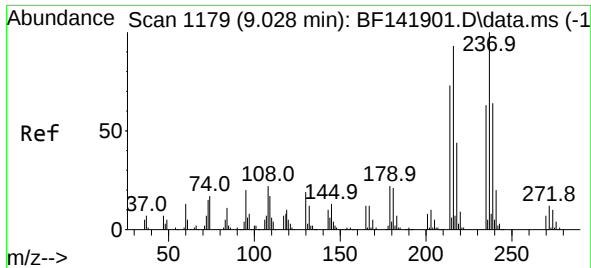
Tgt Ion:164 Resp: 320833
Ion Ratio Lower Upper
164 100
162 102.1 81.8 122.6
160 45.5 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.555 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion:216 Resp: 542670
Ion Ratio Lower Upper
216 100
214 78.2 61.9 92.9
179 21.9 18.1 27.1
108 19.5 14.7 22.1

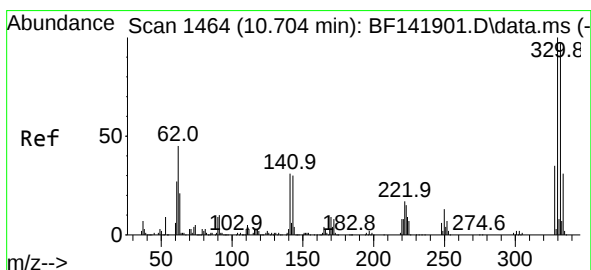
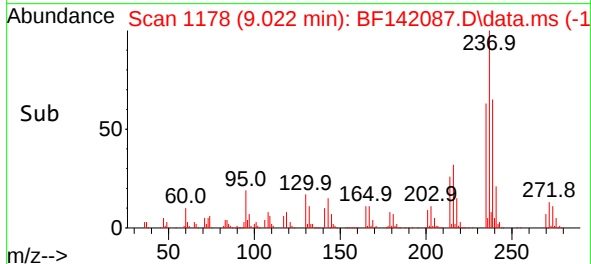
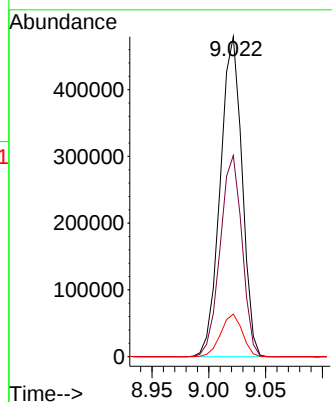
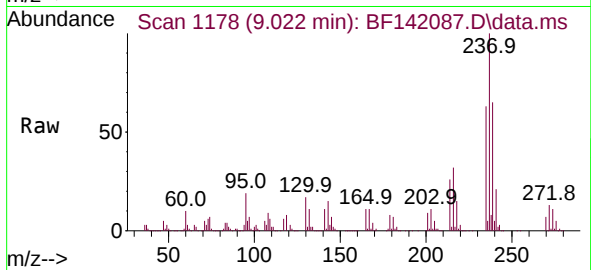




#41
Hexachlorocyclopentadiene
Concen: 167.454 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

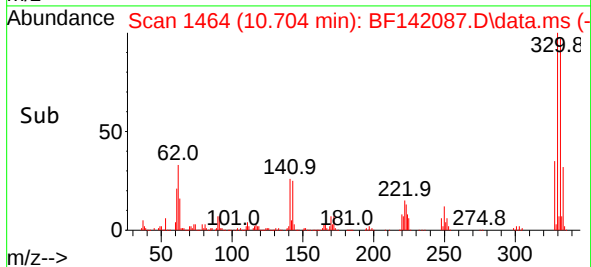
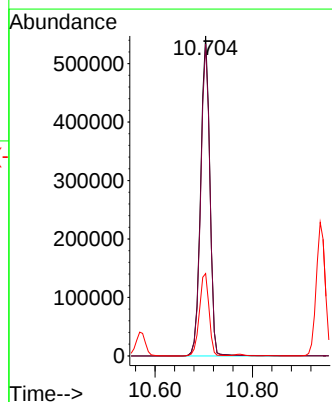
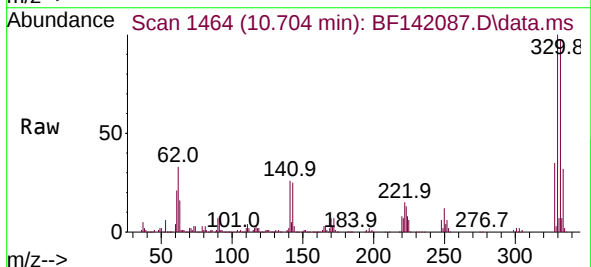
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

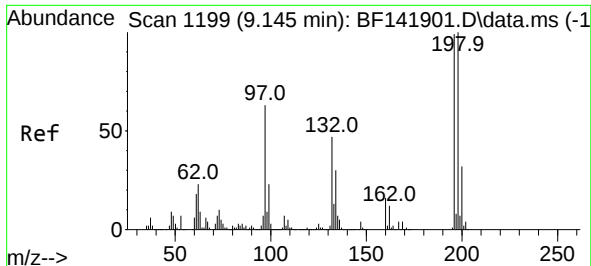
Tgt Ion:237 Resp: 640147
Ion Ratio Lower Upper
237 100
235 62.8 43.1 83.1
272 13.3 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 174.541 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion:330 Resp: 710416
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 27.1 24.7 37.1

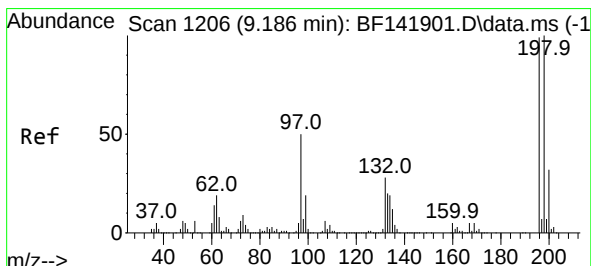
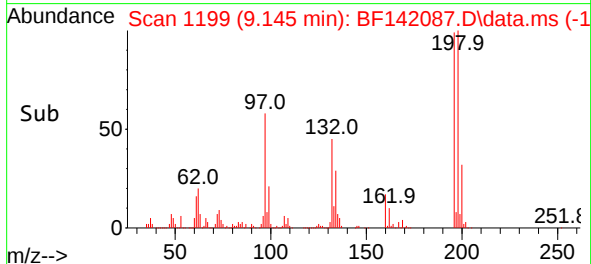
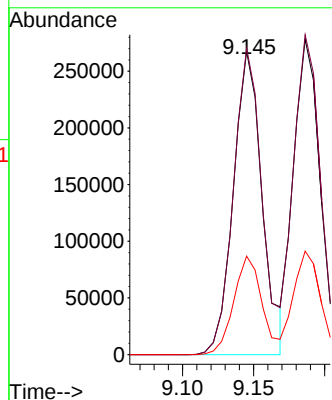
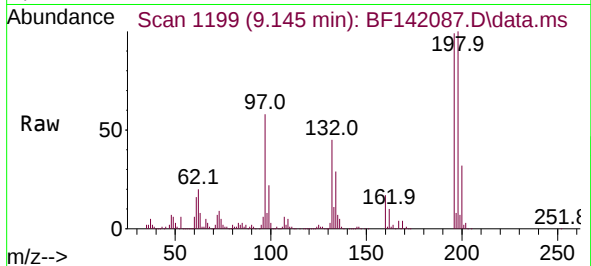




#43
2,4,6-Trichlorophenol
Concen: 58.727 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

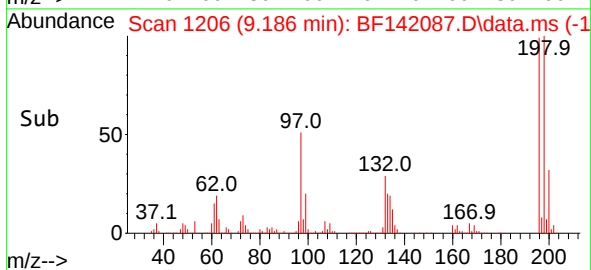
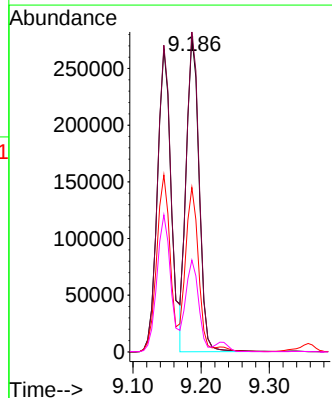
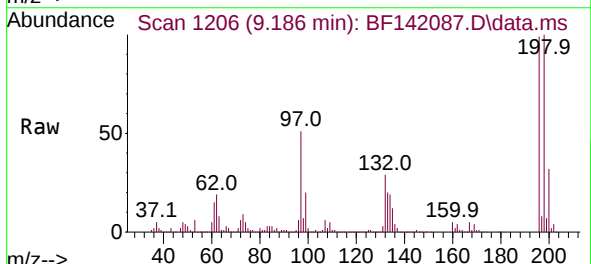
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

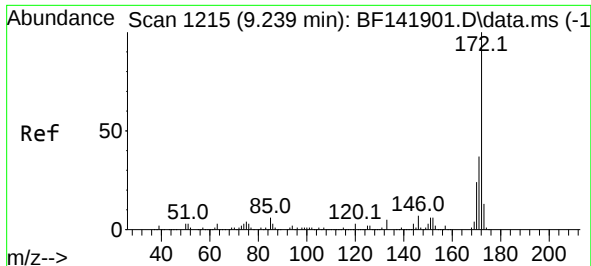
Tgt Ion:196 Resp: 374905
Ion Ratio Lower Upper
196 100
198 101.1 80.6 121.0
200 32.5 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 56.494 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion:196 Resp: 365263
Ion Ratio Lower Upper
196 100
198 101.5 80.7 121.1
97 52.2 42.1 63.1
132 29.1 23.4 35.2



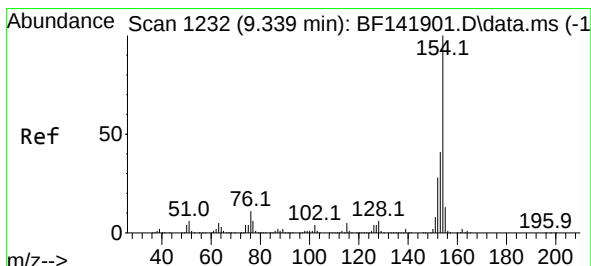
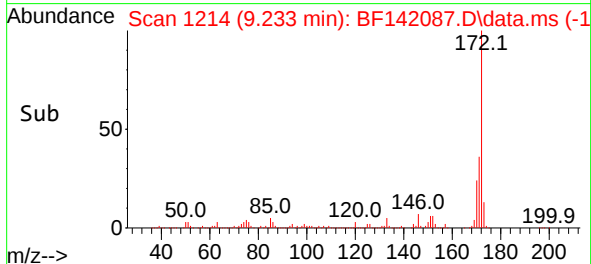
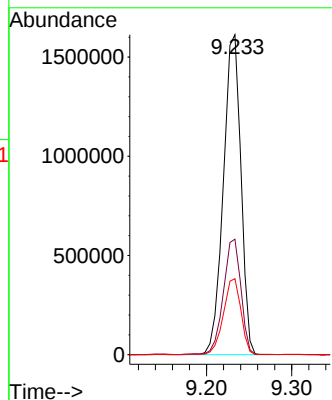
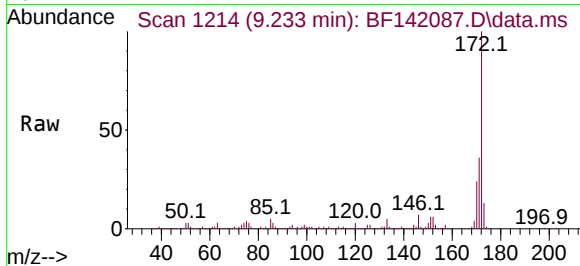


#45
2-Fluorobiphenyl
Concen: 109.332 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

Tgt Ion:172 Resp: 2306482

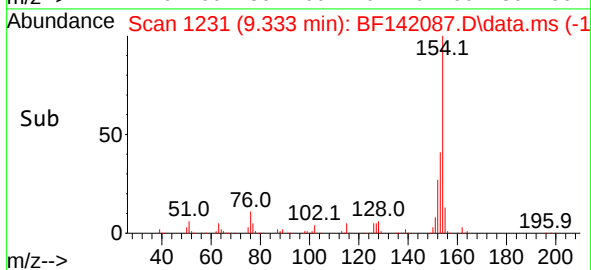
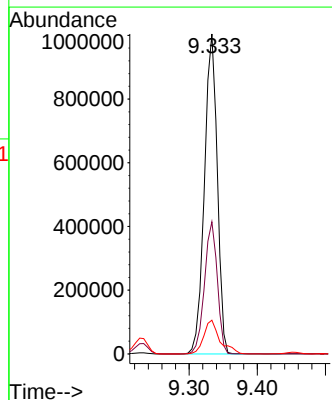
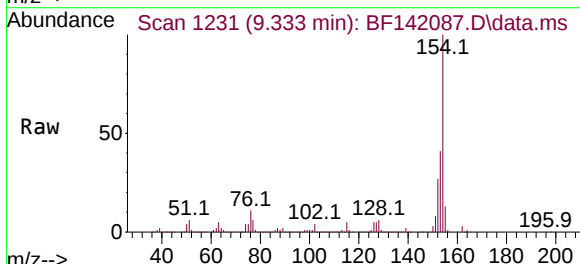
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.3	43.9
170	23.7	19.4	29.0

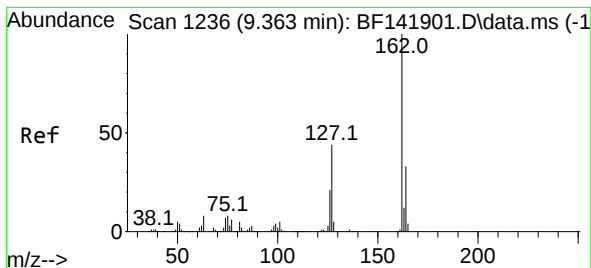


#46
1,1'-Biphenyl
Concen: 54.108 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion:154 Resp: 1319010

Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.1	61.1
76	10.5	0.0	31.3





#47

2-Chloronaphthalene

Concen: 54.776 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

Instrument :

BNA_F

ClientSampleId :

GRID-LINE-1.2-NORTHMSD

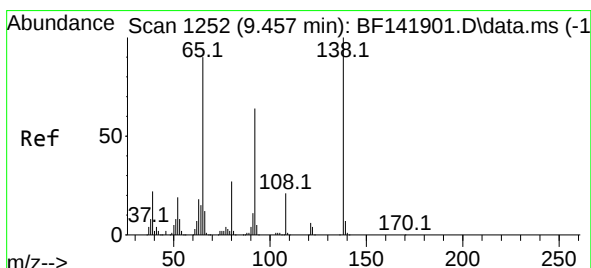
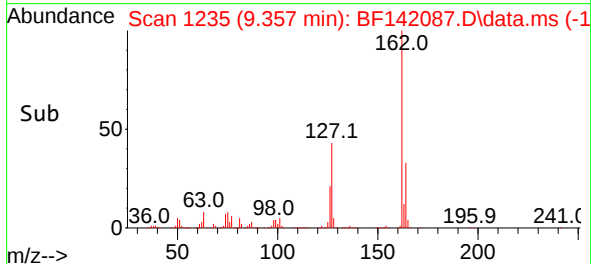
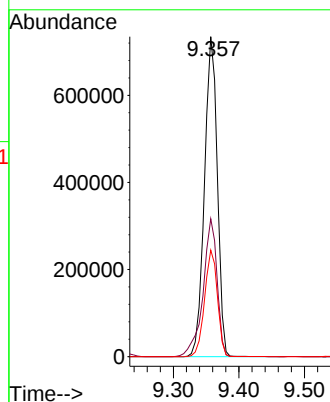
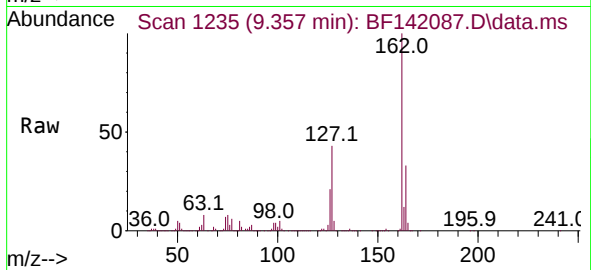
Tgt Ion:162 Resp: 995264

Ion Ratio Lower Upper

162 100

127 43.1 35.5 53.3

164 33.3 26.6 40.0



#48

2-Nitroaniline

Concen: 54.825 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

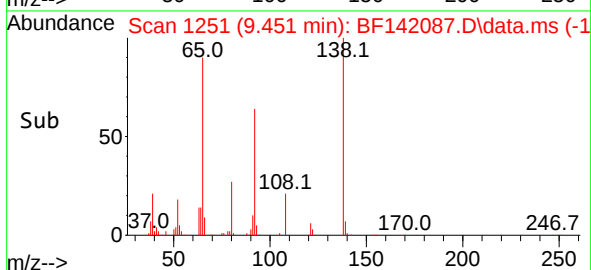
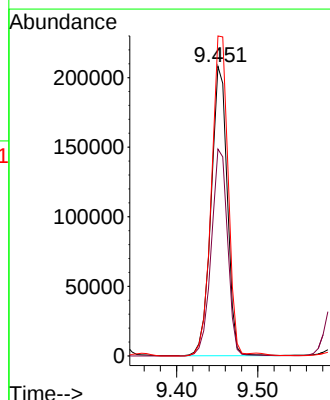
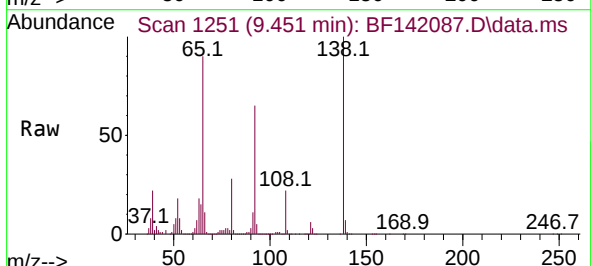
Tgt Ion: 65 Resp: 288428

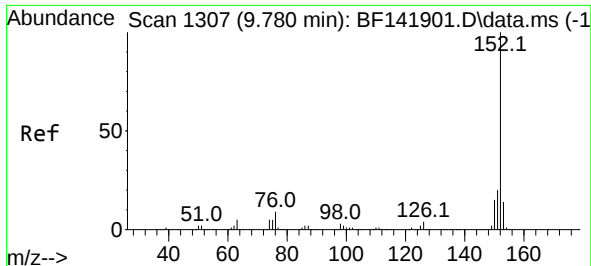
Ion Ratio Lower Upper

65 100

92 71.4 56.6 84.8

138 110.6 88.6 133.0





#49

Acenaphthylene

Concen: 57.831 ng

RT: 9.774 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

Instrument :

BNA_F

ClientSampleId :

GRID-LINE-1.2-NORTHMSD

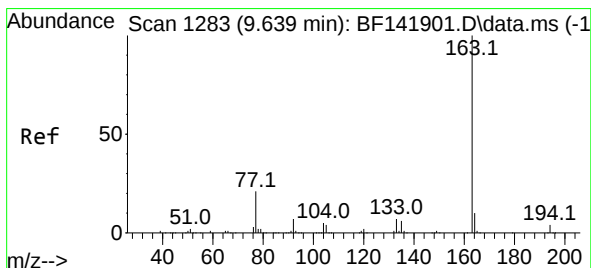
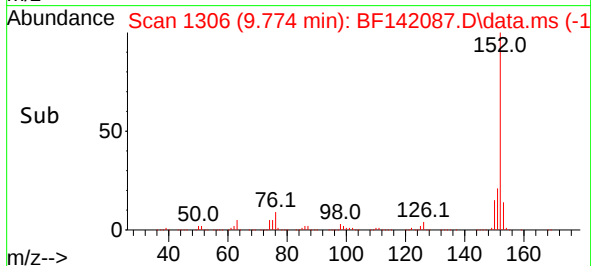
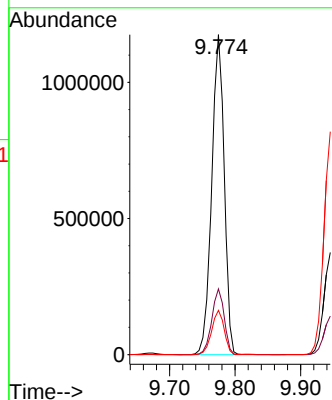
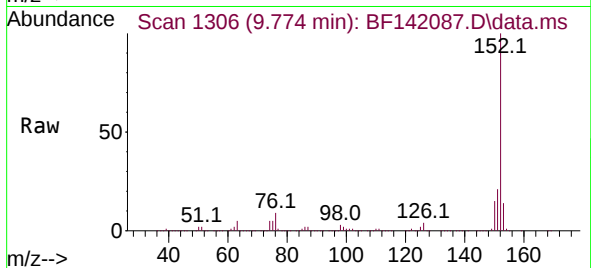
Tgt Ion:152 Resp: 1559293

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.8 11.1 16.7



#50

Dimethylphthalate

Concen: 54.524 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

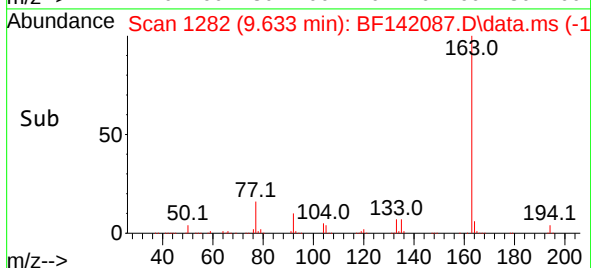
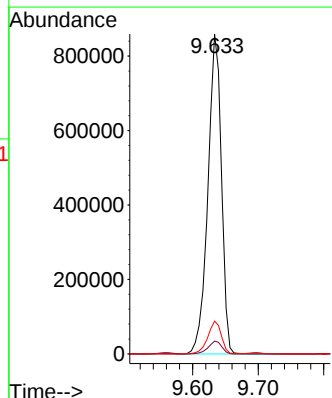
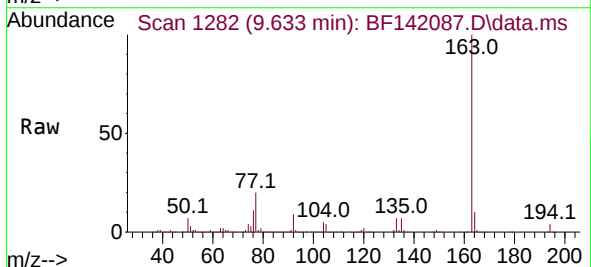
Tgt Ion:163 Resp: 1224995

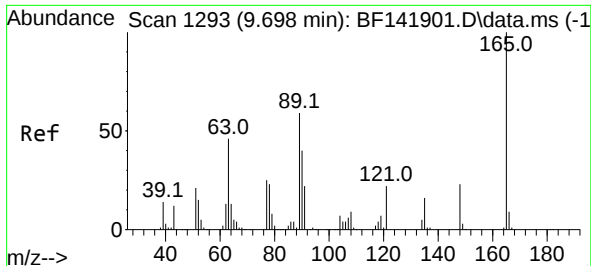
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.3 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 56.672 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

Instrument :

BNA_F

ClientSampleId :

GRID-LINE-1.2-NORTHMSD

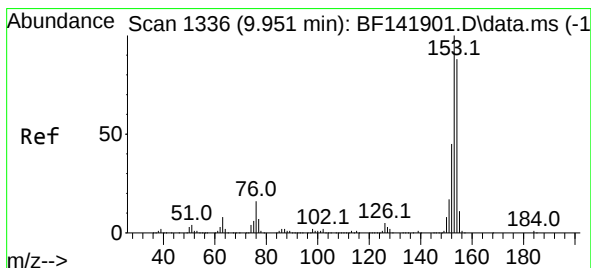
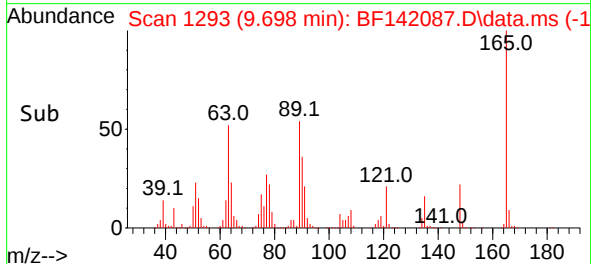
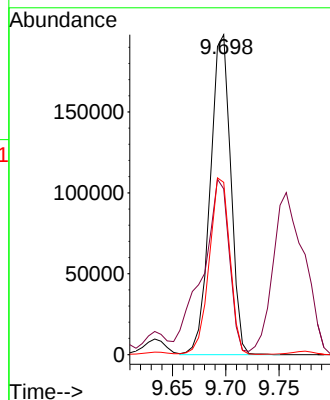
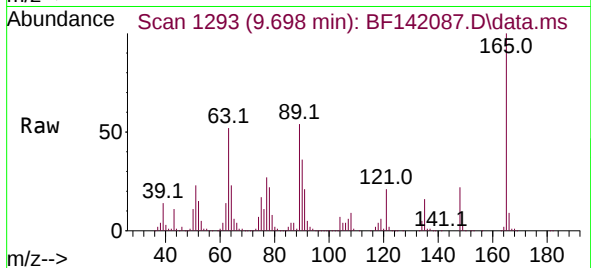
Tgt Ion:165 Resp: 265102

Ion Ratio Lower Upper

165 100

63 51.8 47.0 70.4

89 53.8 47.4 71.2



#52

Acenaphthene

Concen: 53.960 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

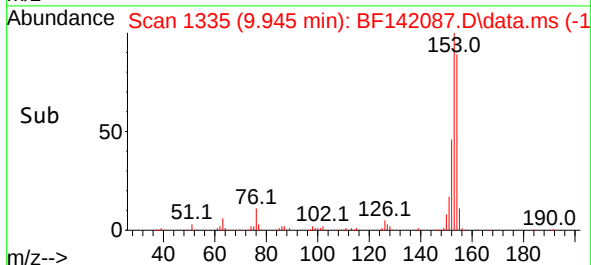
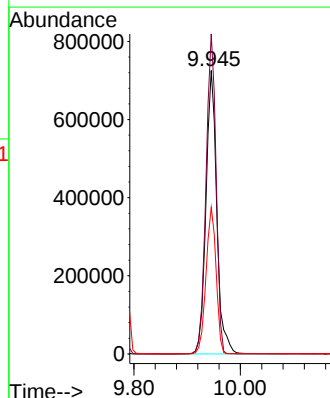
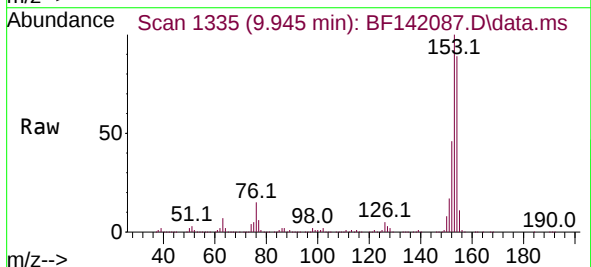
Tgt Ion:154 Resp: 1022453

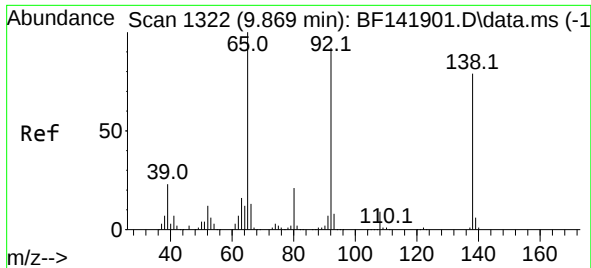
Ion Ratio Lower Upper

154 100

153 112.9 90.7 136.1

152 51.7 41.1 61.7

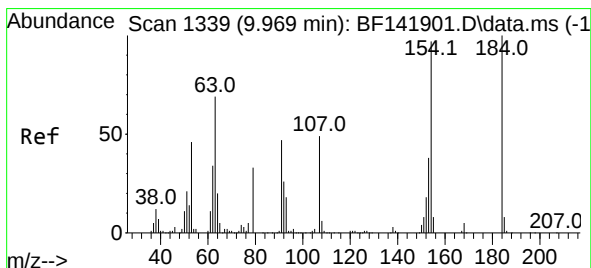
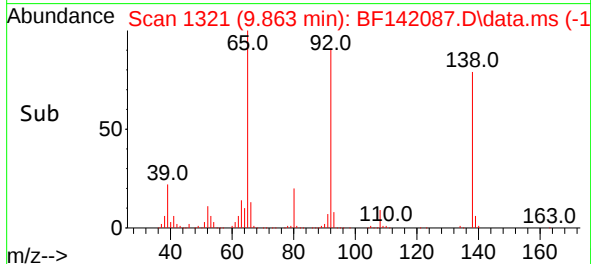
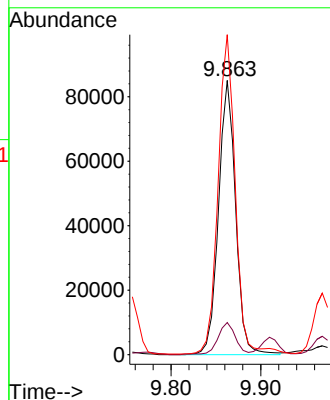
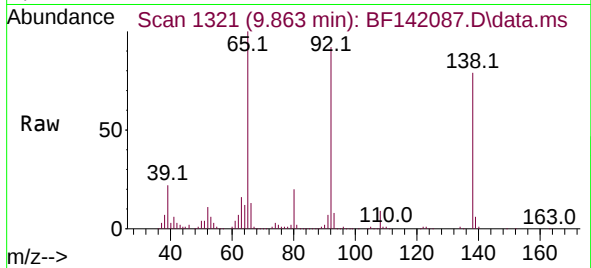




#53
3-Nitroaniline
Concen: 23.893 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

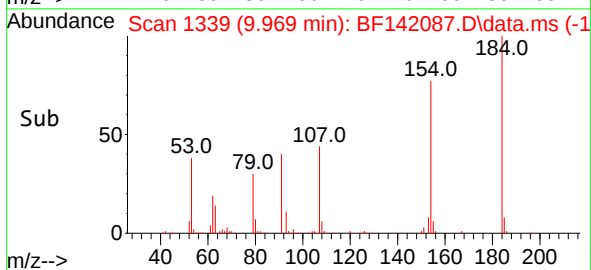
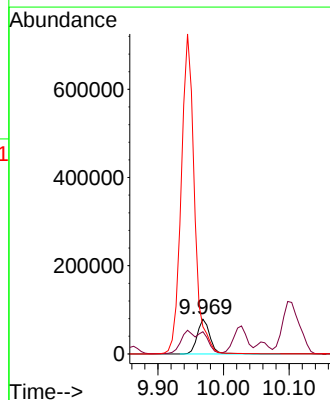
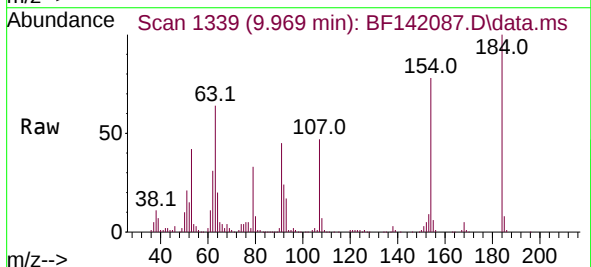
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

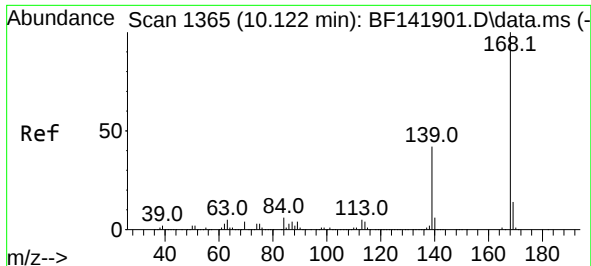
Tgt Ion:138 Resp: 113374
Ion Ratio Lower Upper
138 100
108 11.7 9.3 13.9
92 116.7 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 42.786 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion:184 Resp: 104863
Ion Ratio Lower Upper
184 100
63 63.8 60.2 90.4
154 78.0 132.9 199.3#

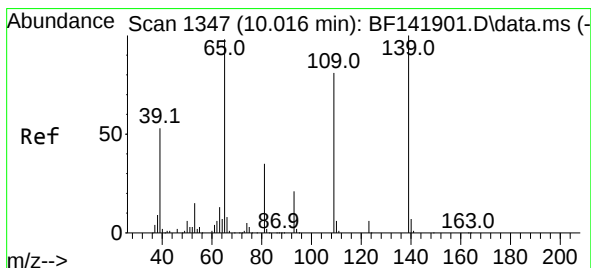
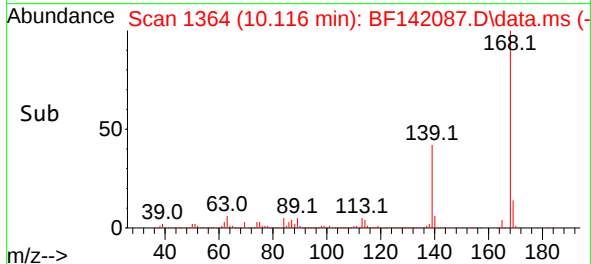
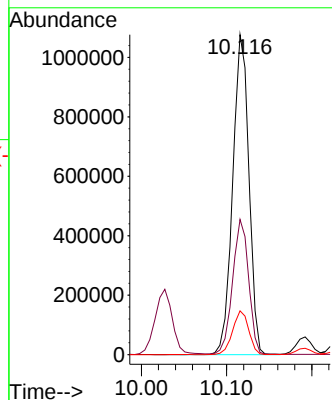
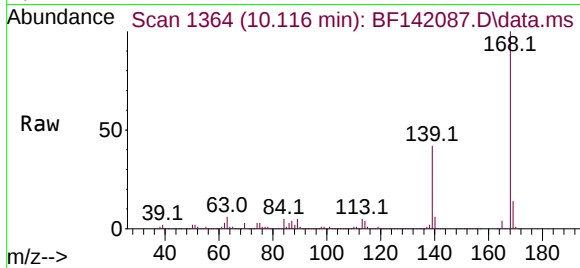




#55
Dibenzenofuran
Concen: 52.451 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

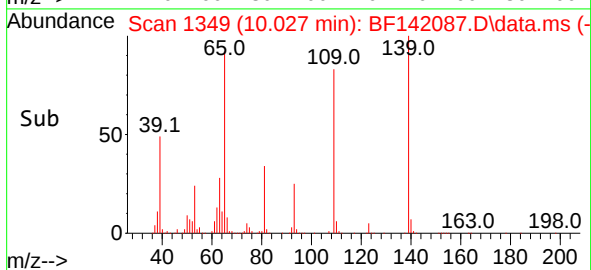
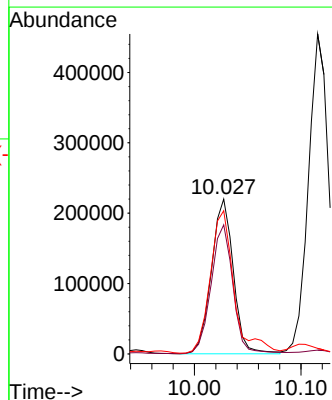
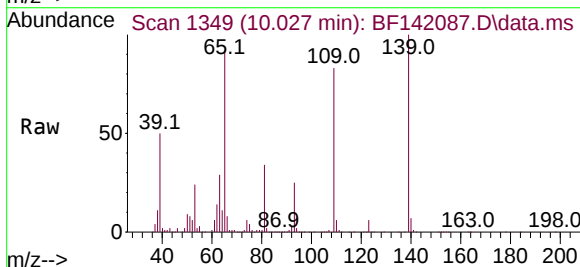
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

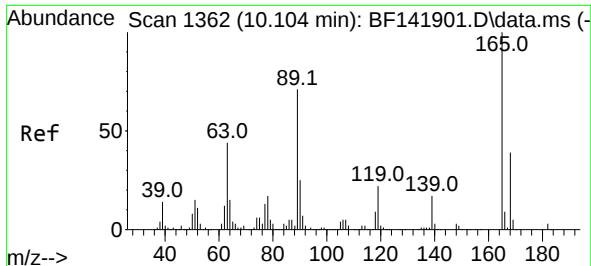
Tgt Ion:168 Resp: 1420103
Ion Ratio Lower Upper
168 100
139 42.2 33.9 50.9
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 87.951 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion:139 Resp: 314724
Ion Ratio Lower Upper
139 100
109 83.4 61.6 101.6
65 92.5 79.4 119.4

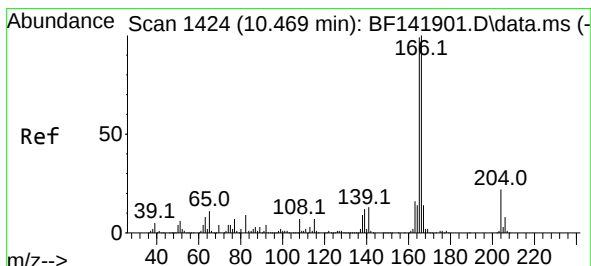
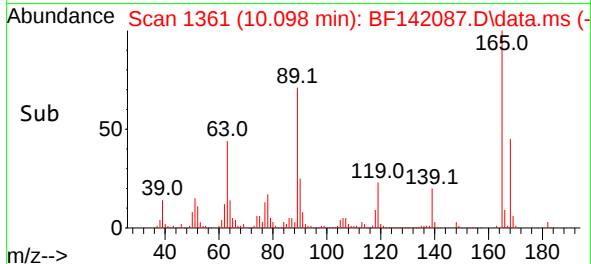
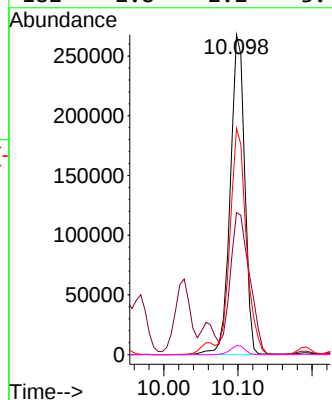
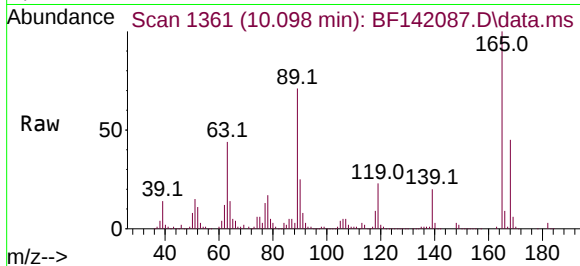




#57
2,4-Dinitrotoluene
Concen: 59.371 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

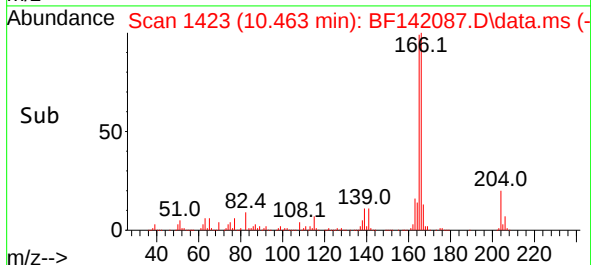
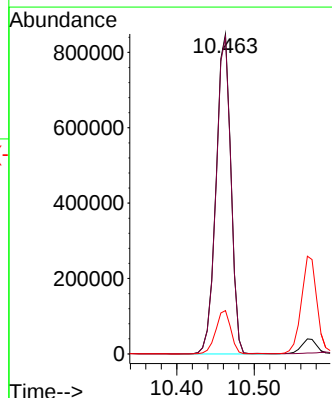
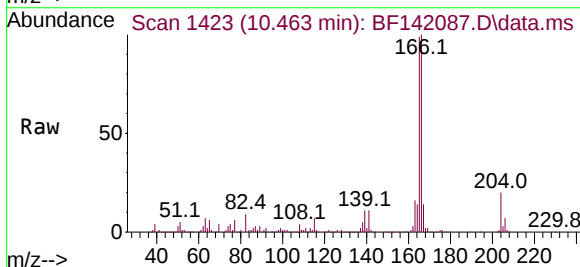
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

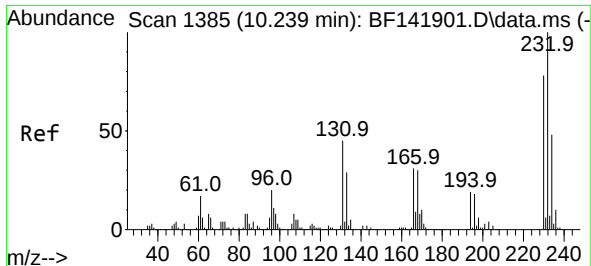
Tgt Ion:165 Resp: 362742
Ion Ratio Lower Upper
165 100
63 44.4 35.4 53.2
89 70.7 56.6 84.8
182 2.8 2.2 3.4



#58
Fluorene
Concen: 54.179 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion:166 Resp: 1131216
Ion Ratio Lower Upper
166 100
165 99.1 79.0 118.4
167 13.5 11.0 16.4

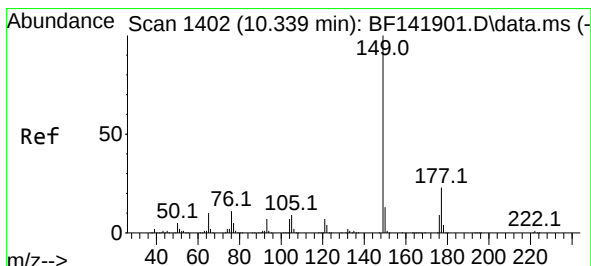
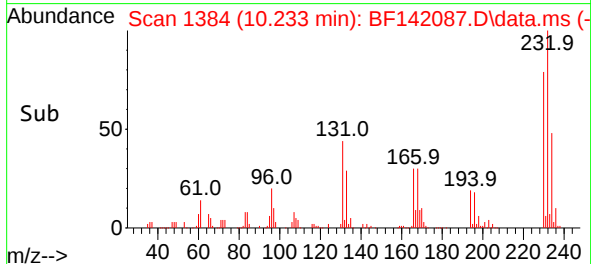
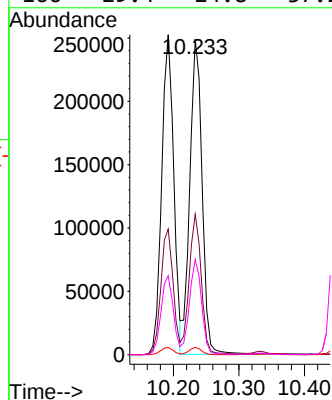
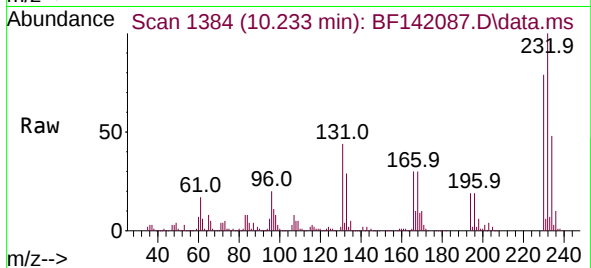




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.347 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

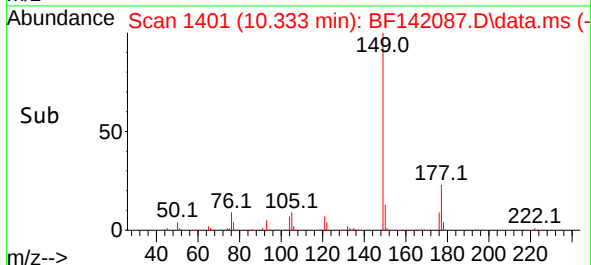
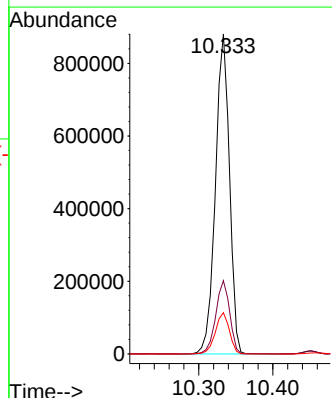
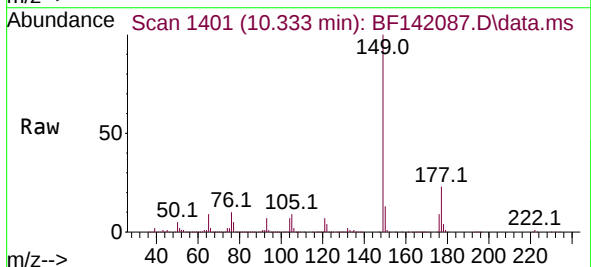
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

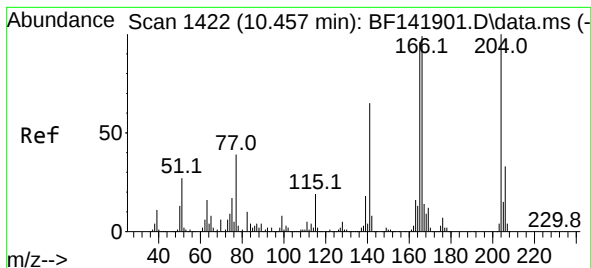
Tgt Ion:232 Resp: 325631
Ion Ratio Lower Upper
232 100
131 43.8 37.3 55.9
130 2.3 1.9 2.9
166 29.4 24.8 37.2



#60
Diethylphthalate
Concen: 51.623 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion:149 Resp: 1156487
Ion Ratio Lower Upper
149 100
177 22.9 18.0 27.0
150 12.9 10.2 15.4

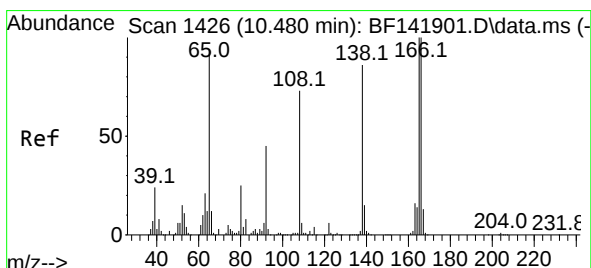
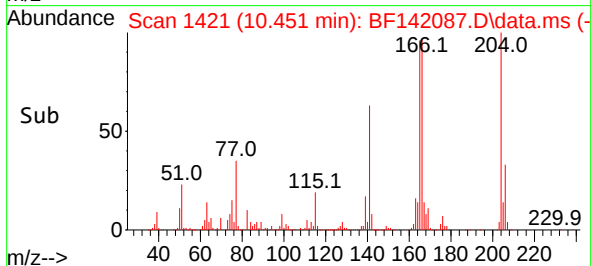
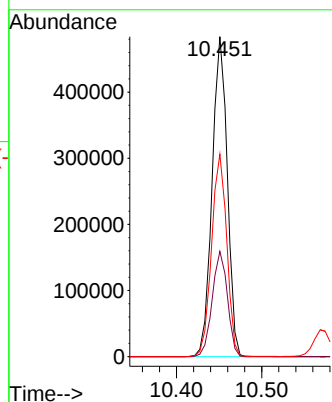
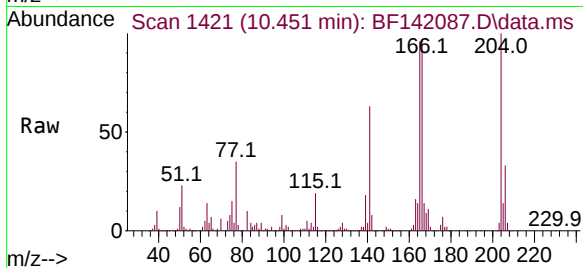




#61
4-Chlorophenyl-phenylether
Concen: 54.904 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

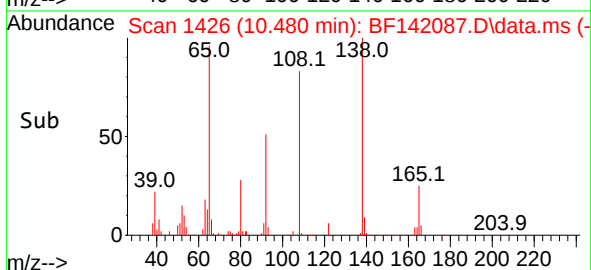
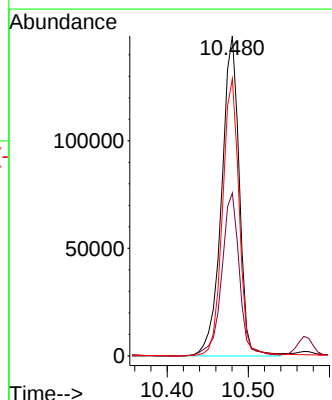
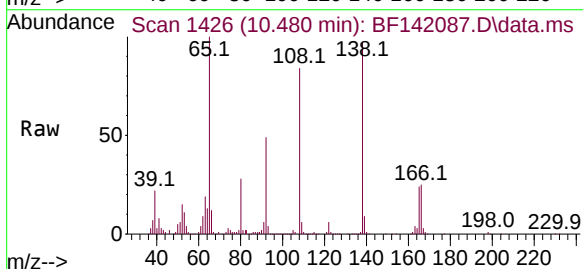
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

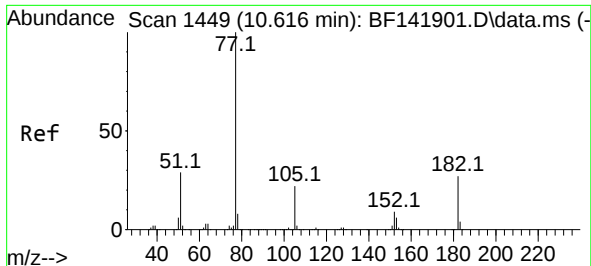
Tgt Ion:204 Resp: 597660
Ion Ratio Lower Upper
204 100
206 32.9 26.8 40.2
141 63.3 52.4 78.6



#62
4-Nitroaniline
Concen: 48.563 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion:138 Resp: 224343
Ion Ratio Lower Upper
138 100
92 50.9 32.6 72.6
108 86.6 65.0 105.0

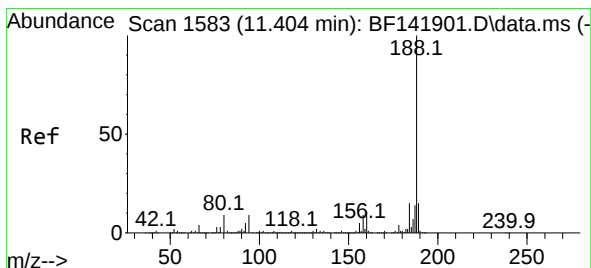
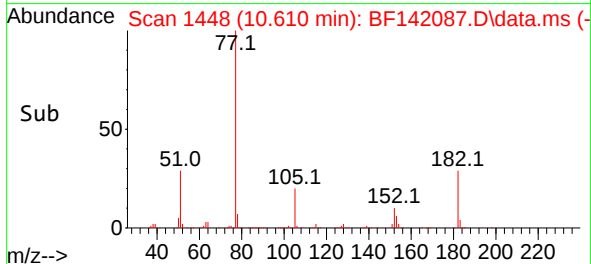
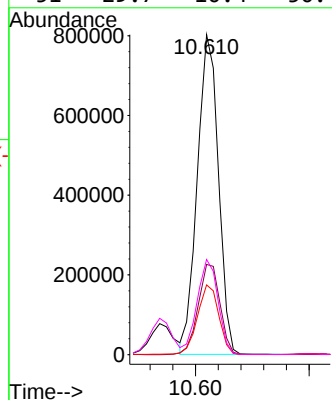
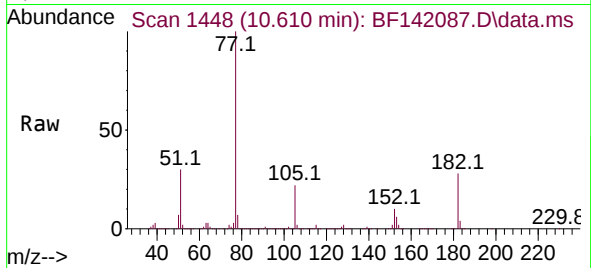




#63
Azobenzene
Concen: 49.713 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

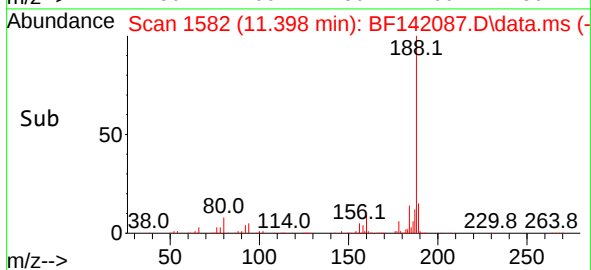
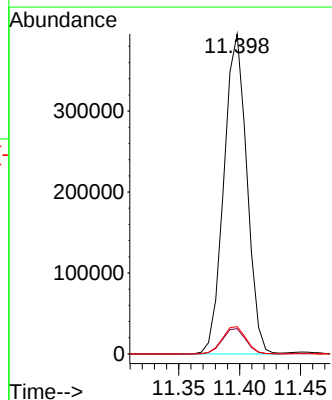
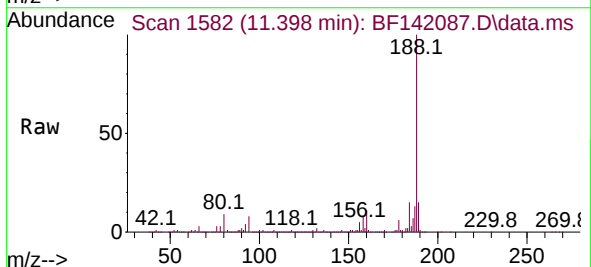
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

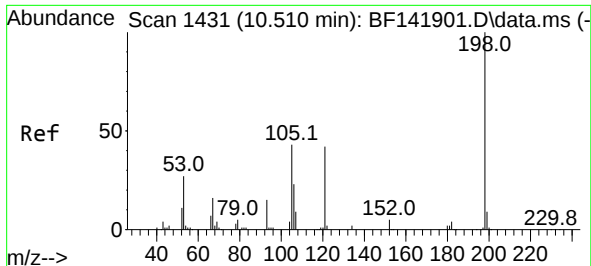
Tgt Ion: 77 Resp: 1035418
Ion Ratio Lower Upper
77 100
182 28.2 6.6 46.6
105 21.8 1.3 41.3
51 29.7 10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion:188 Resp: 519359
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.5 7.6 11.4

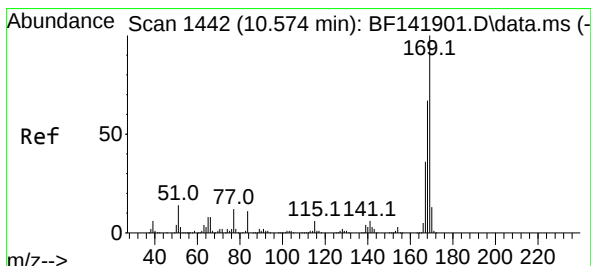
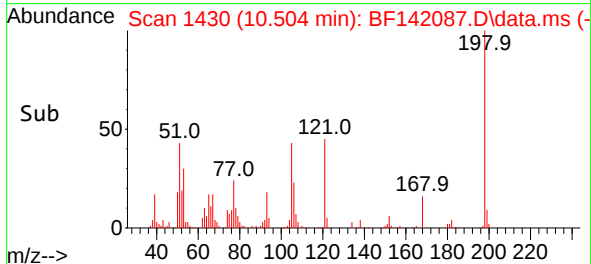
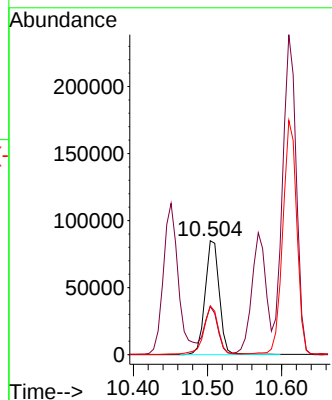
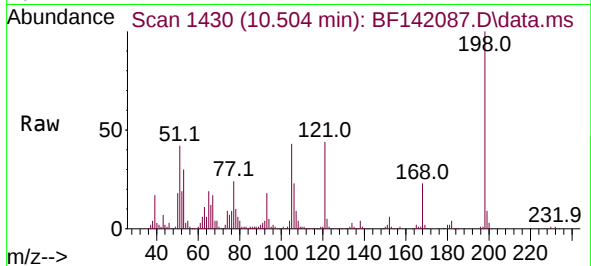




#65
4,6-Dinitro-2-methylphenol
Concen: 36.508 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

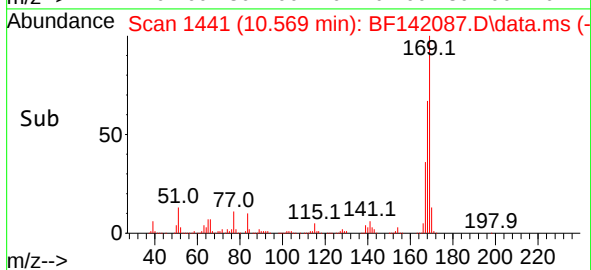
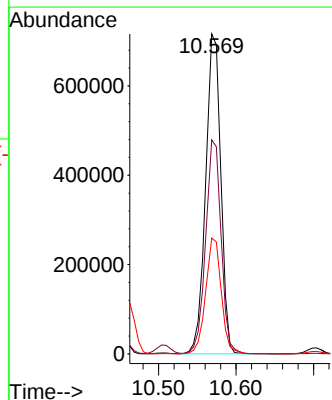
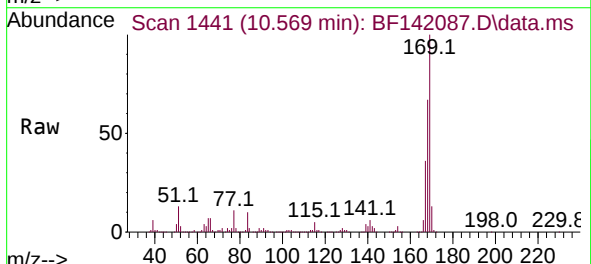
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

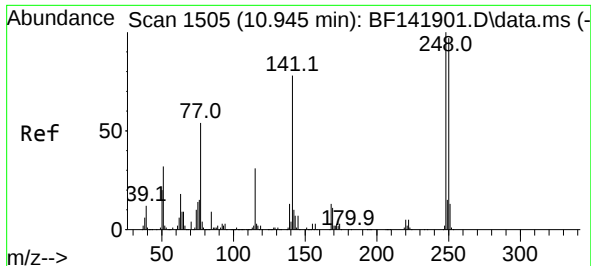
Tgt Ion:198 Resp: 113032
Ion Ratio Lower Upper
198 100
51 42.3 22.3 62.3
105 42.8 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 57.784 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion:169 Resp: 971153
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 36.2 29.2 43.8

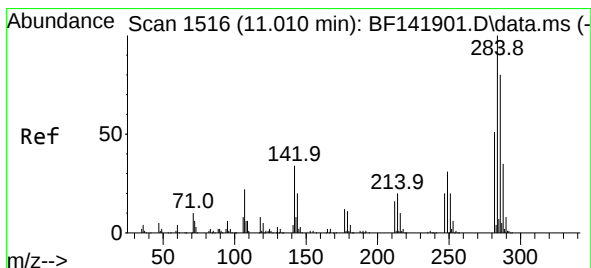
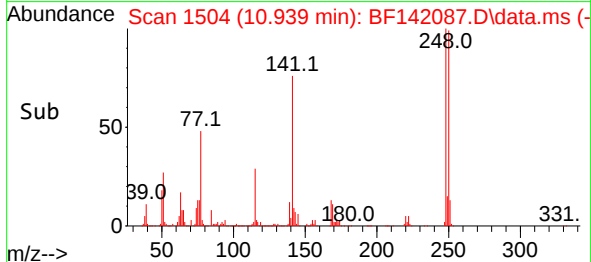
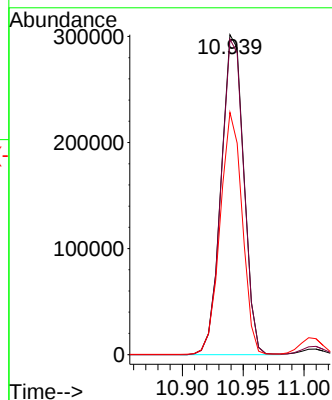
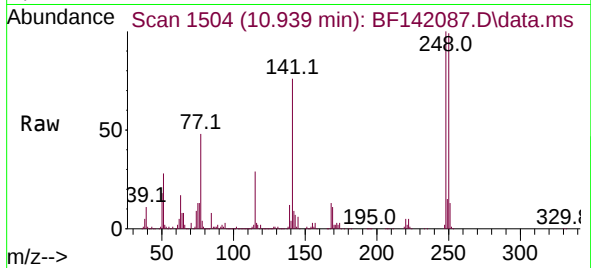




#67
4-Bromophenyl-phenylether
Concen: 59.877 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

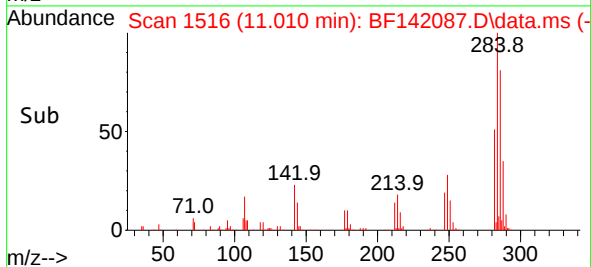
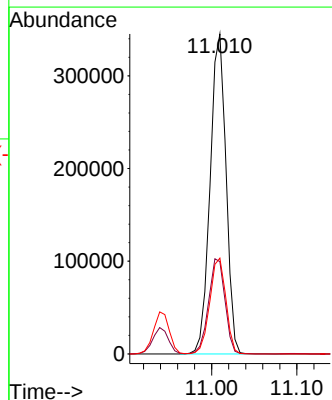
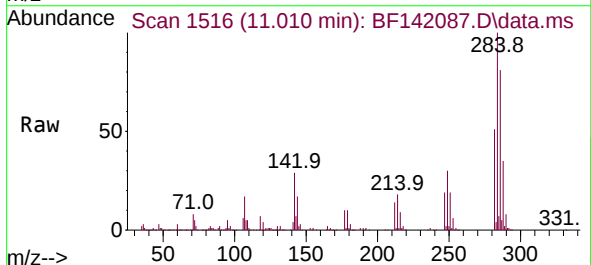
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

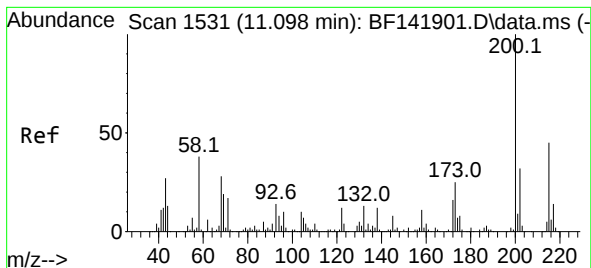
Tgt Ion:248 Resp: 390550
Ion Ratio Lower Upper
248 100
250 98.6 77.8 116.8
141 75.7 62.6 93.8



#68
Hexachlorobenzene
Concen: 62.454 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion:284 Resp: 446783
Ion Ratio Lower Upper
284 100
142 28.8 27.0 40.6
249 29.9 25.2 37.8





#69

Atrazine

Concen: 62.909 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

Instrument :

BNA_F

ClientSampleId :

GRID-LINE-1.2-NORTHMSD

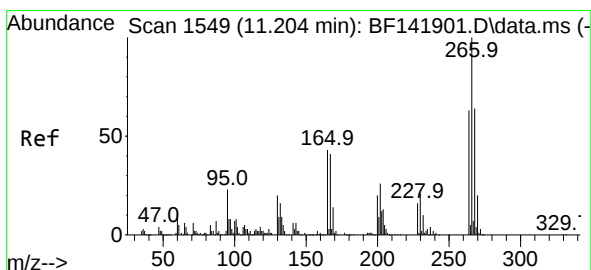
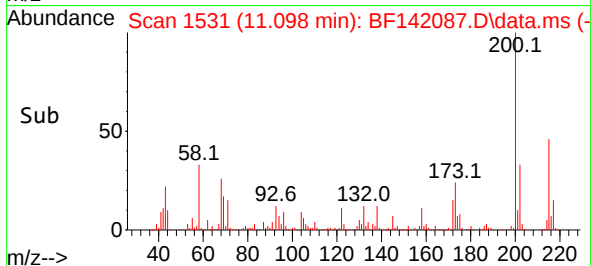
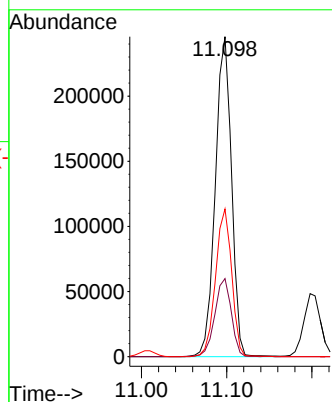
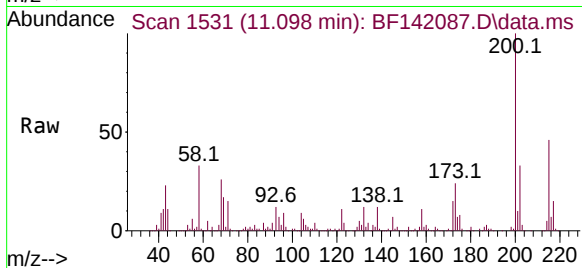
Tgt Ion:200 Resp: 324123

Ion Ratio Lower Upper

200 100

173 24.4 4.7 44.7

215 46.1 25.4 65.4



#70

Pentachlorophenol

Concen: 81.401 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.000 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

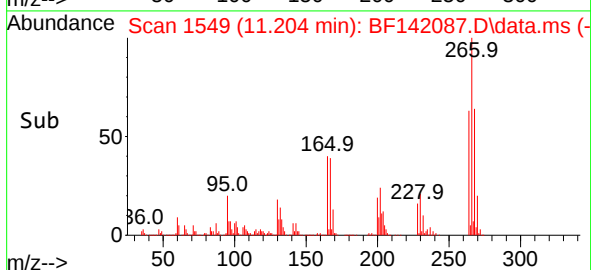
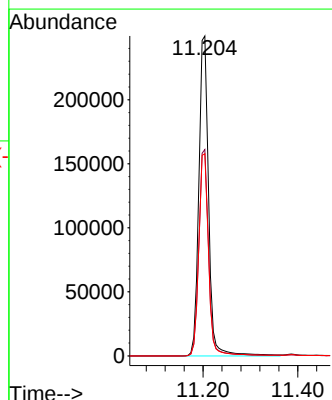
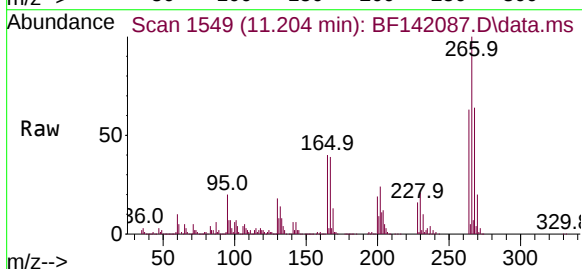
Tgt Ion:266 Resp: 358787

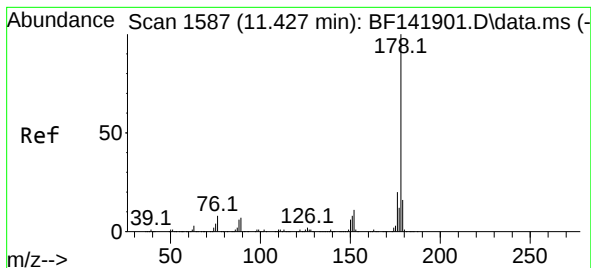
Ion Ratio Lower Upper

266 100

268 64.5 51.0 76.6

264 63.2 50.2 75.2





#71

Phenanthrene

Concen: 56.239 ng

RT: 11.421 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

Instrument :

BNA_F

ClientSampleId :

GRID-LINE-1.2-NORTHMSD

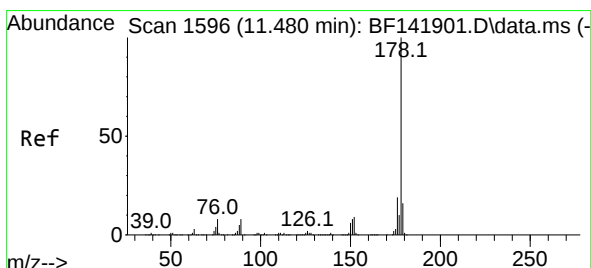
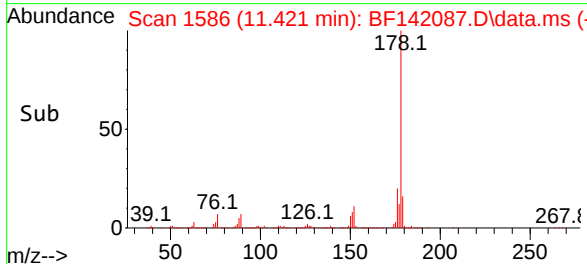
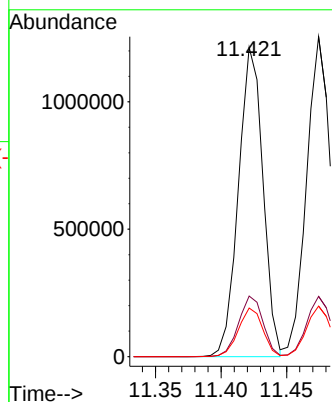
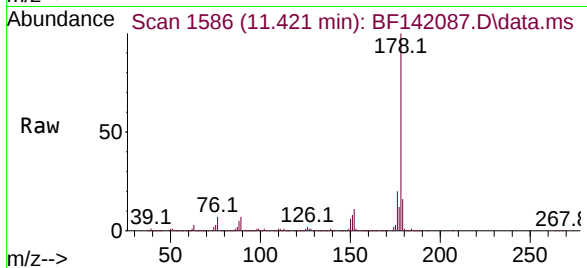
Tgt Ion:178 Resp: 1577629

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

179 15.7 12.6 19.0



#72

Anthracene

Concen: 57.356 ng

RT: 11.474 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

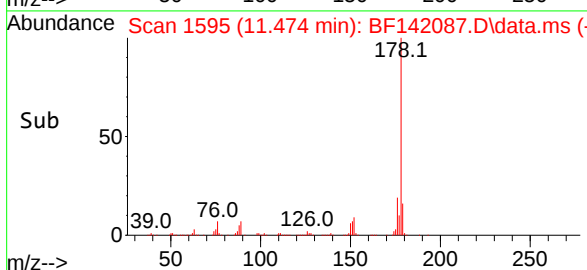
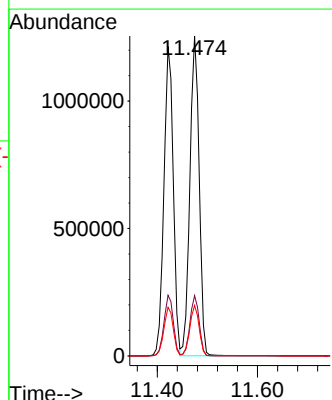
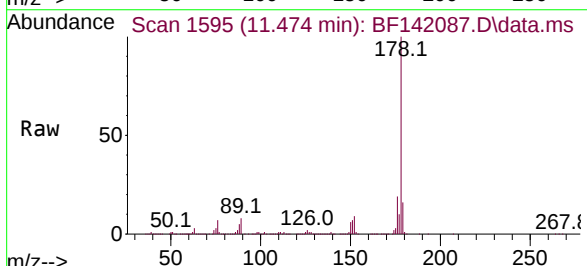
Tgt Ion:178 Resp: 1614204

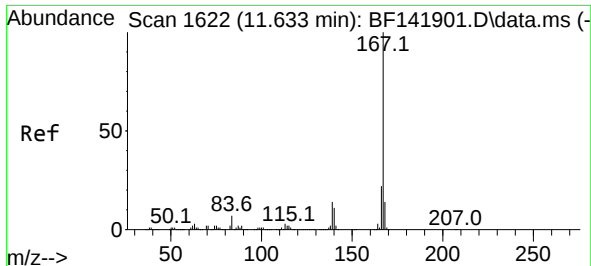
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.8 12.6 19.0

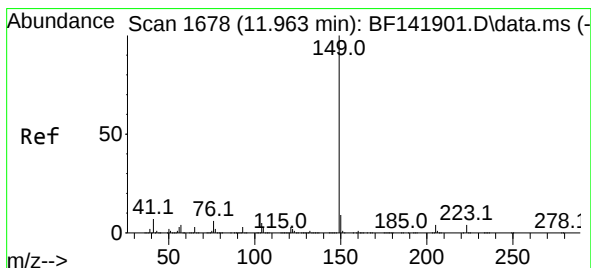
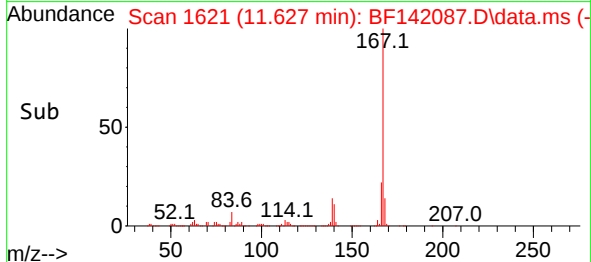
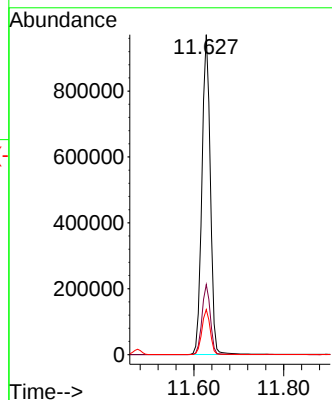
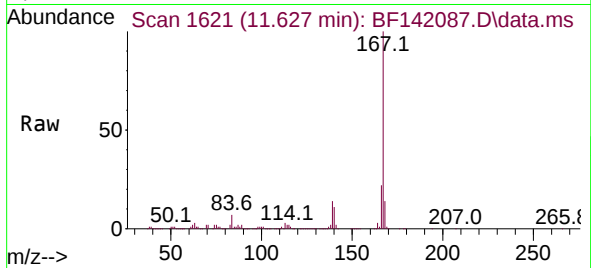




#73
Carbazole
Concen: 51.973 ng
RT: 11.627 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

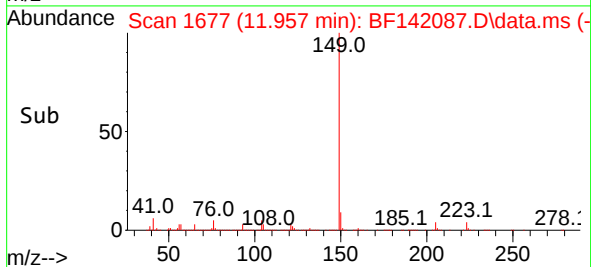
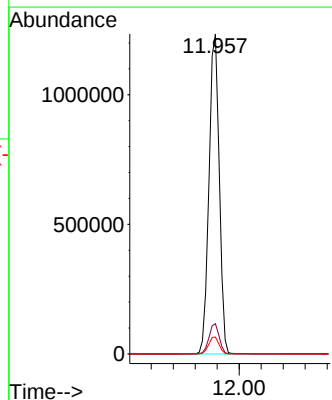
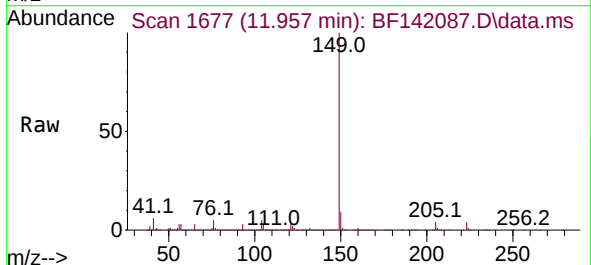
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

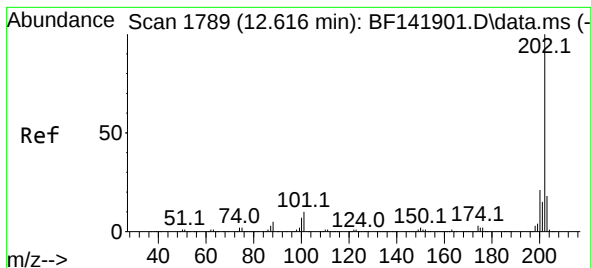
Tgt Ion:167 Resp: 1261459
Ion Ratio Lower Upper
167 100
166 21.9 17.4 26.2
139 14.1 11.0 16.6



#74
Di-n-butylphthalate
Concen: 49.589 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion:149 Resp: 1597049
Ion Ratio Lower Upper
149 100
150 9.4 7.6 11.4
104 5.3 4.4 6.6





#75

Fluoranthene

Concen: 47.734 ng

RT: 12.610 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

Instrument :

BNA_F

ClientSampleId :

GRID-LINE-1.2-NORTHMSD

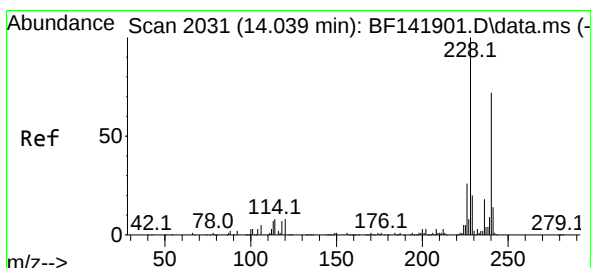
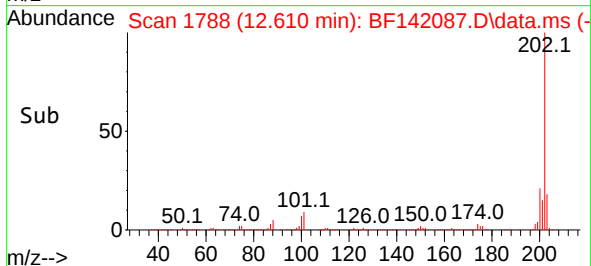
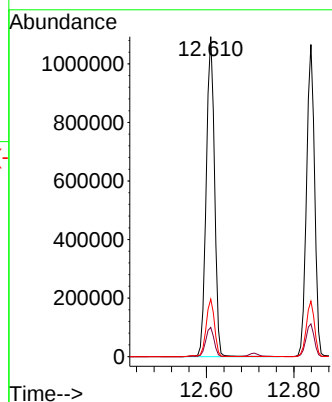
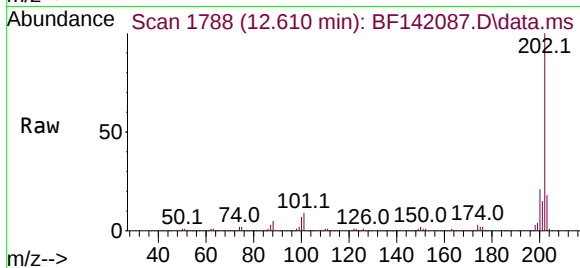
Tgt Ion:202 Resp: 1420422

Ion Ratio Lower Upper

202 100

101 9.2 0.0 29.7

203 18.0 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

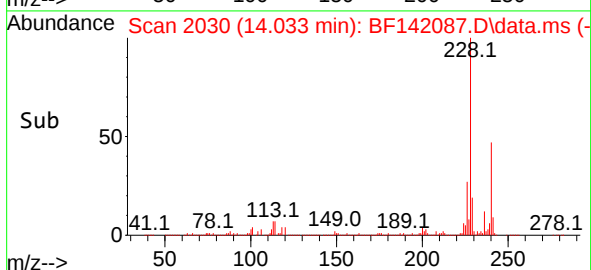
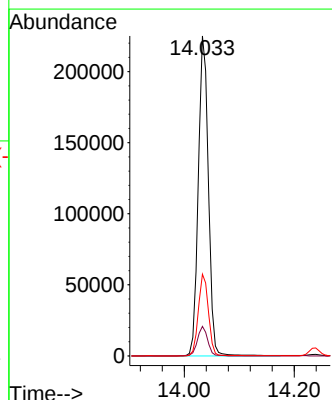
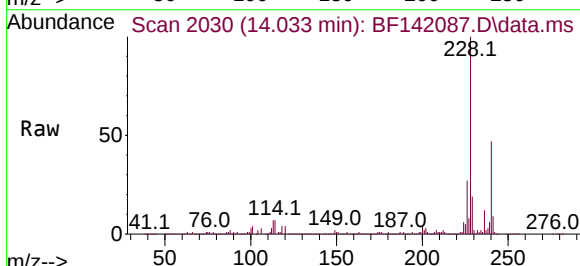
Tgt Ion:240 Resp: 286436

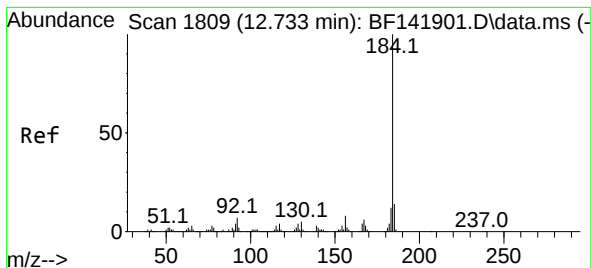
Ion Ratio Lower Upper

240 100

120 9.3 8.4 12.6

236 25.5 20.5 30.7





#77

Benzidine

Concen: 21.110 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

Instrument :

BNA_F

ClientSampleId :

GRID-LINE-1.2-NORTHMSD

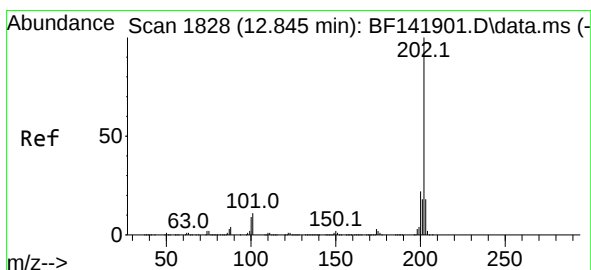
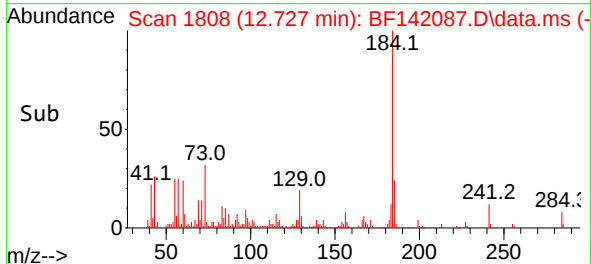
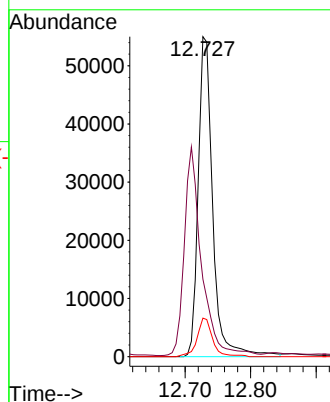
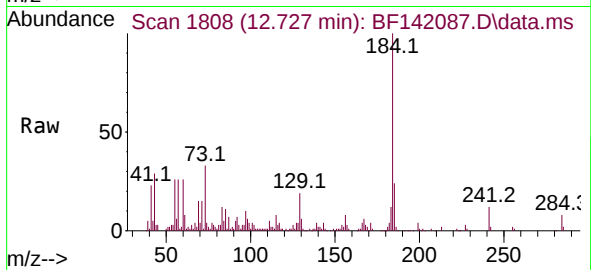
Tgt Ion:184 Resp: 84364

Ion Ratio Lower Upper

184 100

185 24.2 11.5 17.3#

183 12.0 9.7 14.5



#78

Pyrene

Concen: 55.347 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

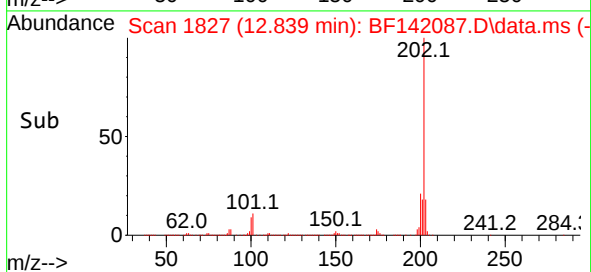
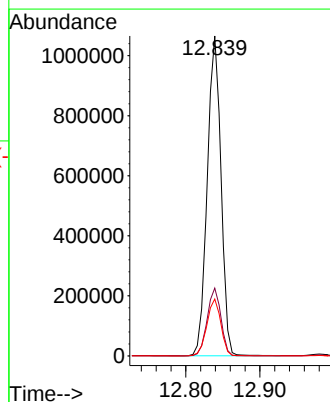
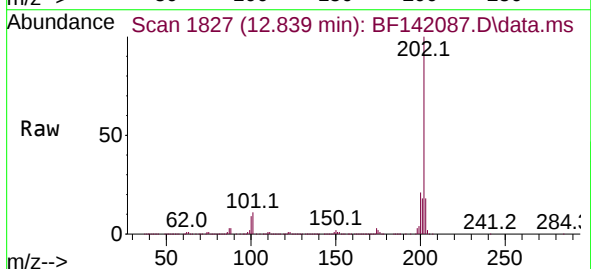
Tgt Ion:202 Resp: 1371346

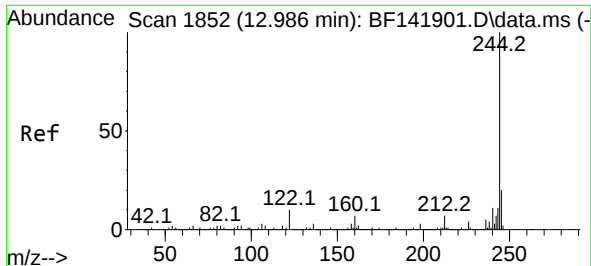
Ion Ratio Lower Upper

202 100

200 21.2 17.3 25.9

203 17.8 14.4 21.6

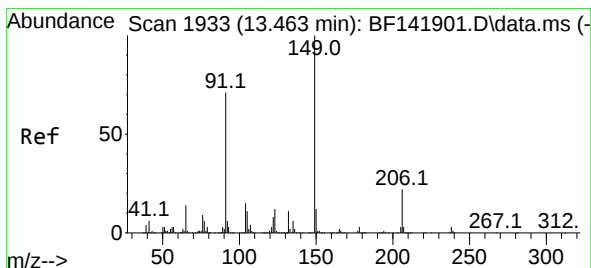
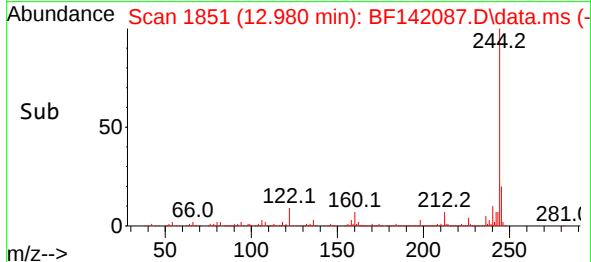
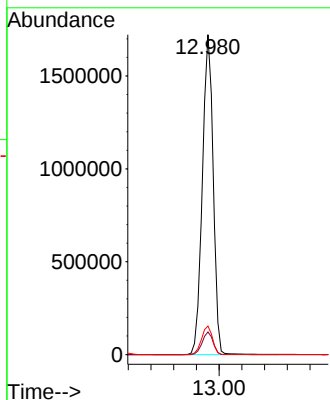
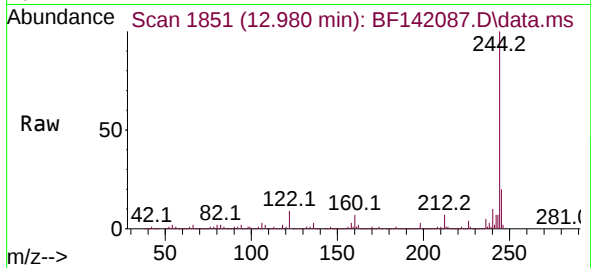




#79
 Terphenyl-d14
 Concen: 117.849 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF142087.D
 Acq: 25 Mar 2025 19:37

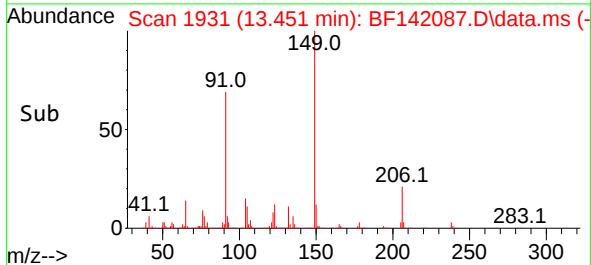
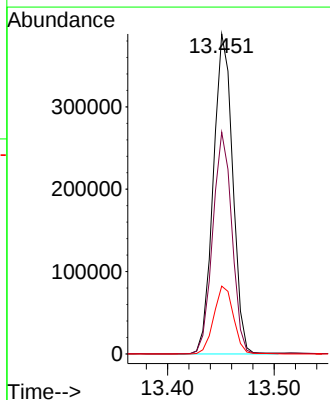
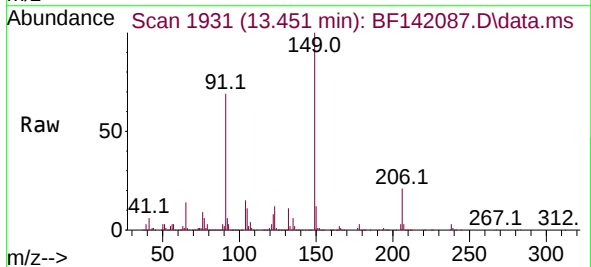
Instrument :
 BNA_F
 ClientSampleId :
 GRID-LINE-1.2-NORTHMSD

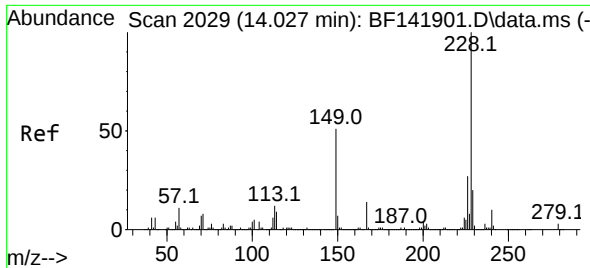
Tgt Ion:244 Resp: 2283216
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 8.9 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 50.744 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.012 min
 Lab File: BF142087.D
 Acq: 25 Mar 2025 19:37

Tgt Ion:149 Resp: 492103
 Ion Ratio Lower Upper
 149 100
 91 69.3 56.5 84.7
 206 21.2 17.3 25.9

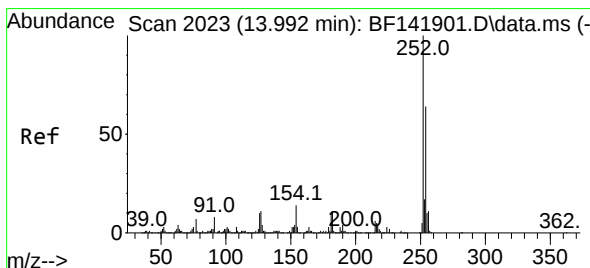
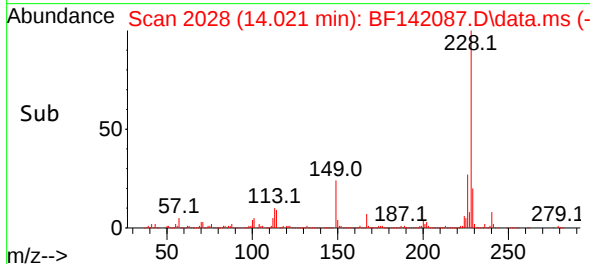
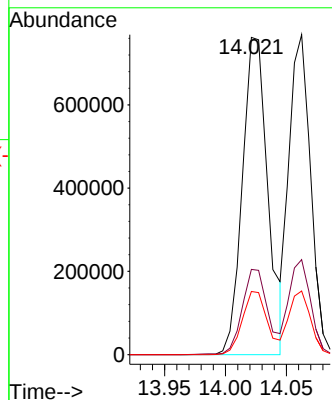
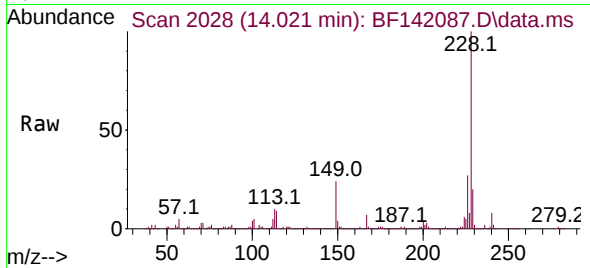




#81
Benzo(a)anthracene
Concen: 59.126 ng
RT: 14.021 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

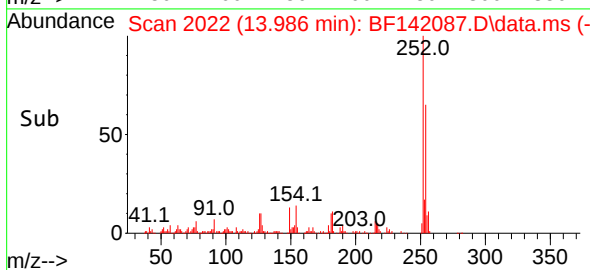
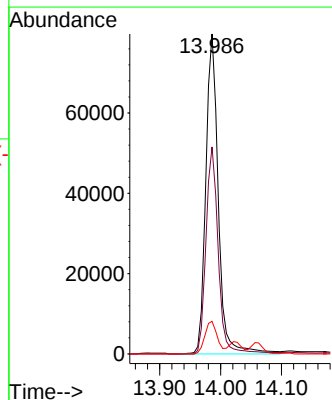
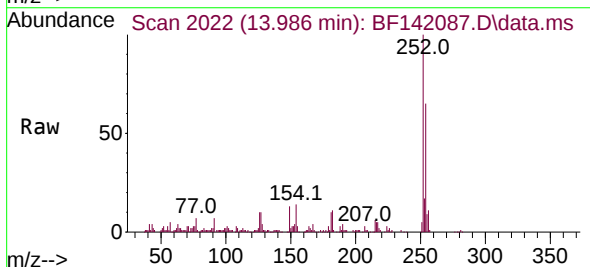
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

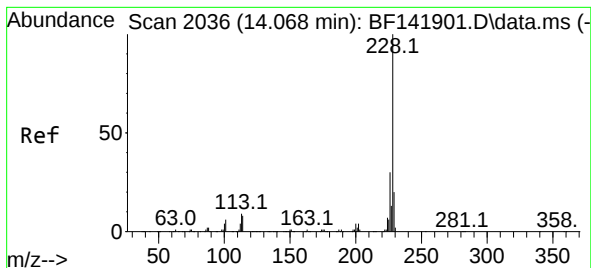
Tgt Ion:228 Resp: 1111333
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.9 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 20.922 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion:252 Resp: 113644
Ion Ratio Lower Upper
252 100
254 64.7 51.0 76.6
126 10.2 8.4 12.6





#83

Chrysene

Concen: 56.091 ng

RT: 14.062 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

Instrument :

BNA_F

ClientSampleId :

GRID-LINE-1.2-NORTHMSD

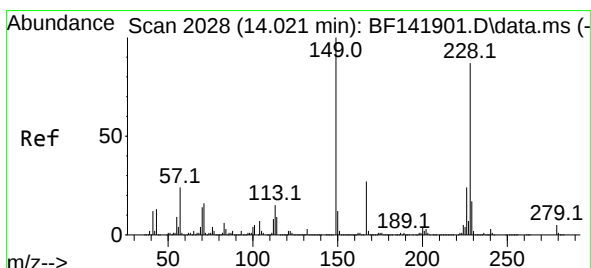
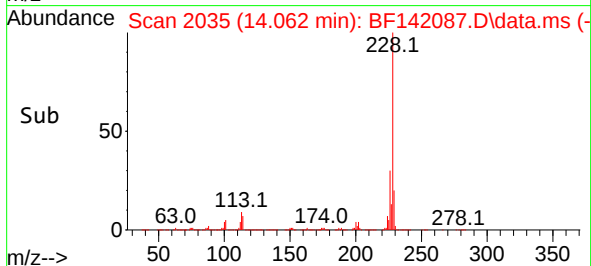
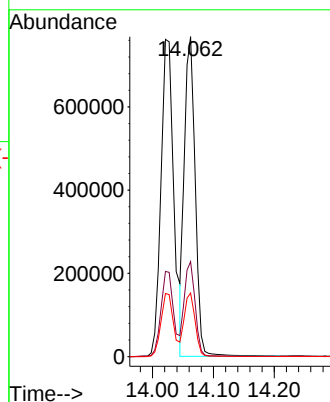
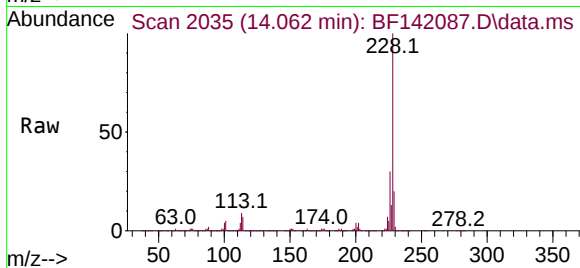
Tgt Ion:228 Resp: 955678

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.609 ng

RT: 14.009 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

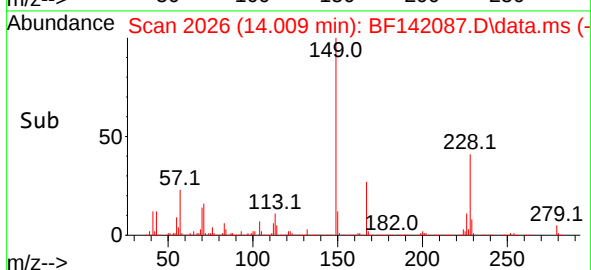
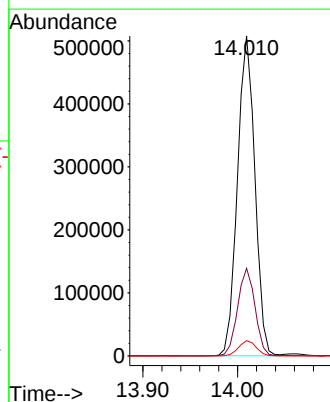
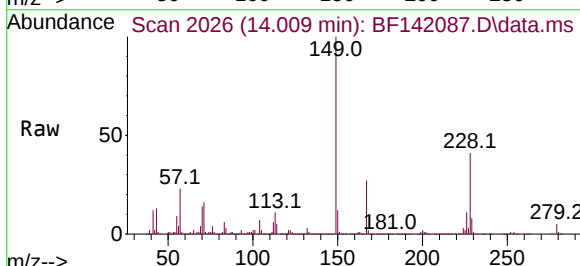
Tgt Ion:149 Resp: 649962

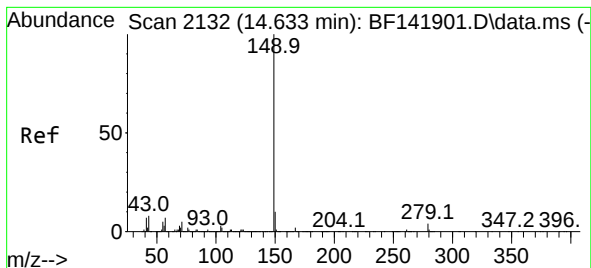
Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.0

279 4.8 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 61.714 ng

RT: 14.621 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

Instrument :

BNA_F

ClientSampleId :

GRID-LINE-1.2-NORTHMSD

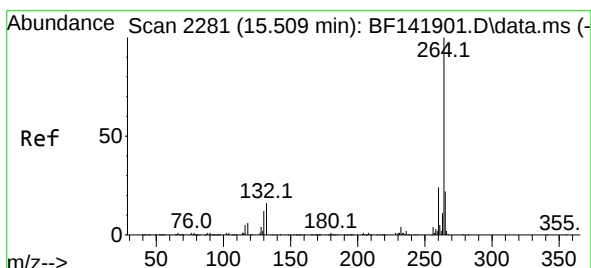
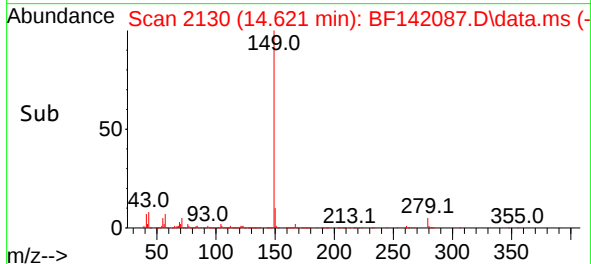
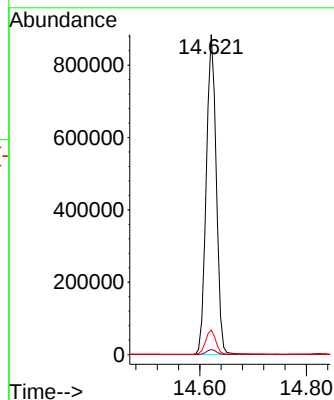
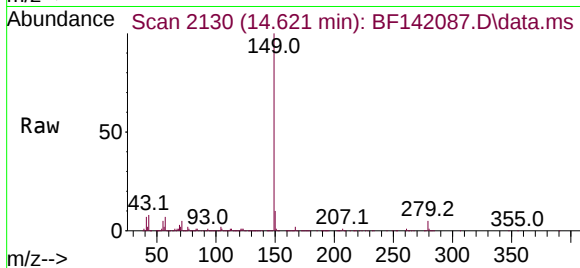
Tgt Ion:149 Resp: 1148175

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.006 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

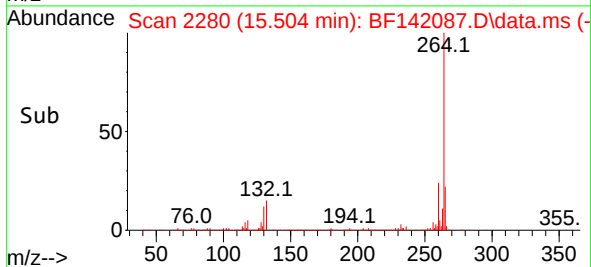
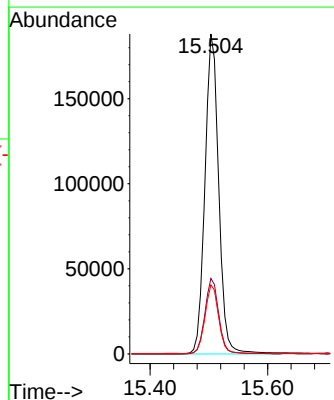
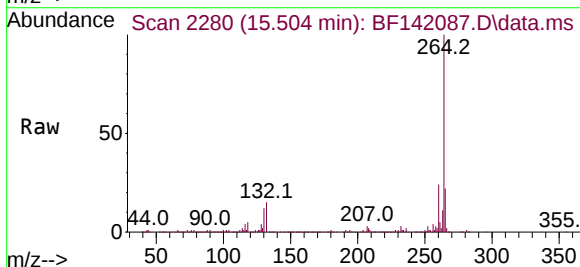
Tgt Ion:264 Resp: 306276

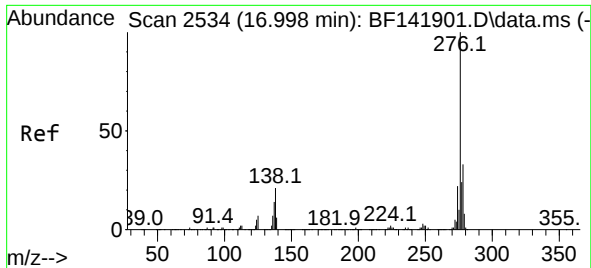
Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.6 17.5 26.3

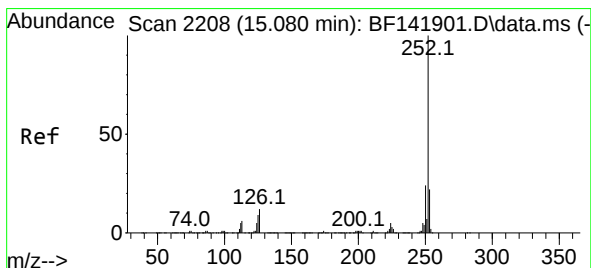
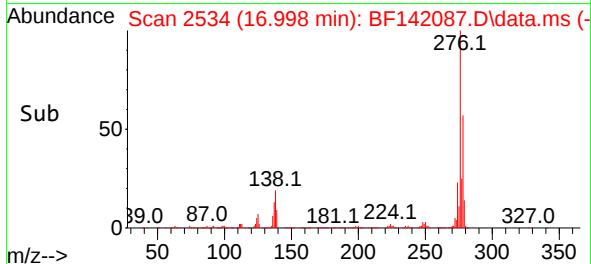
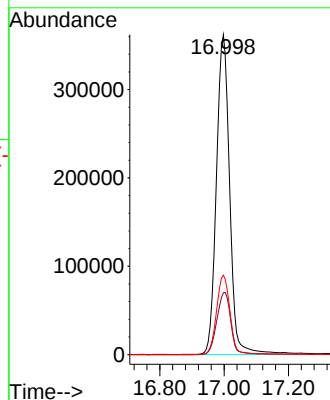
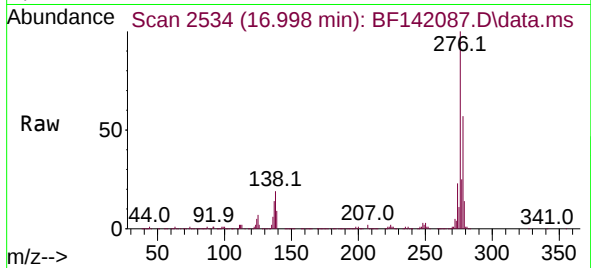




#87
Indeno(1,2,3-cd)pyrene
Concen: 52.143 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

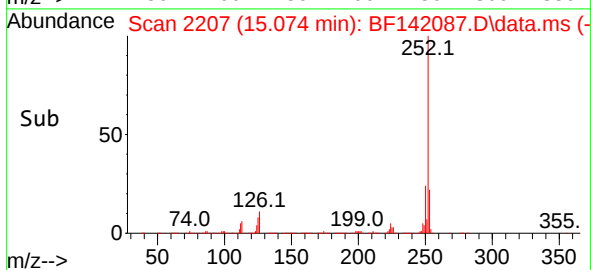
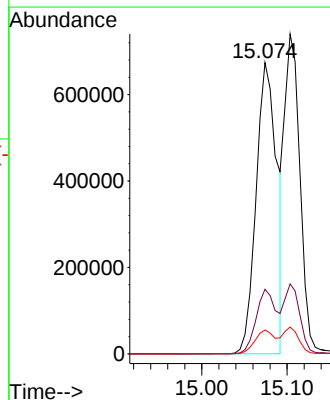
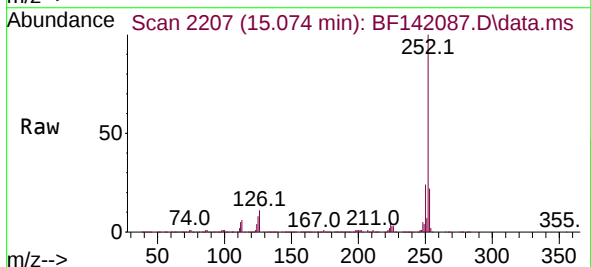
Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

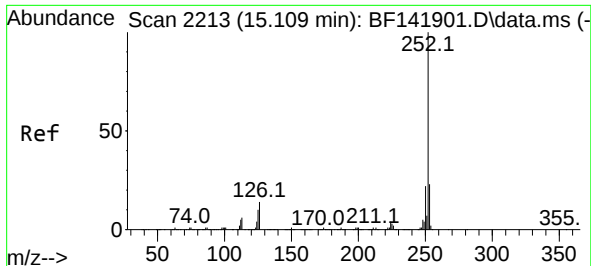
Tgt Ion:276 Resp: 1033087
Ion Ratio Lower Upper
276 100
138 20.4 18.4 27.6
277 25.5 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 54.359 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion:252 Resp: 1141038
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 8.2 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 52.633 ng

RT: 15.104 min Scan# 2213

Delta R.T. -0.006 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

Instrument :

BNA_F

ClientSampleId :

GRID-LINE-1.2-NORTHMSD

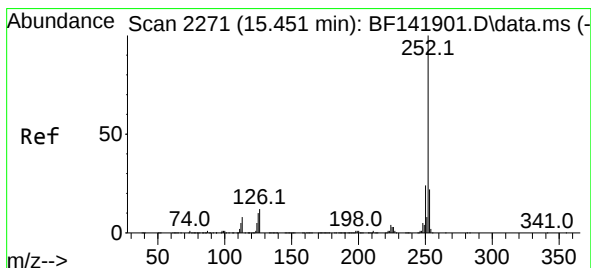
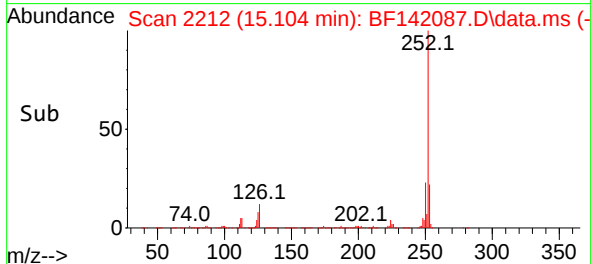
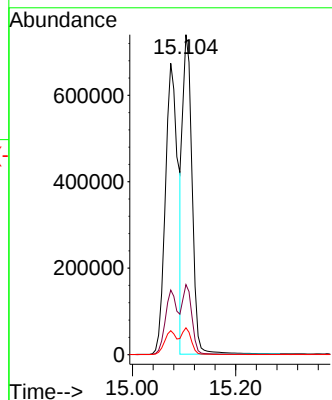
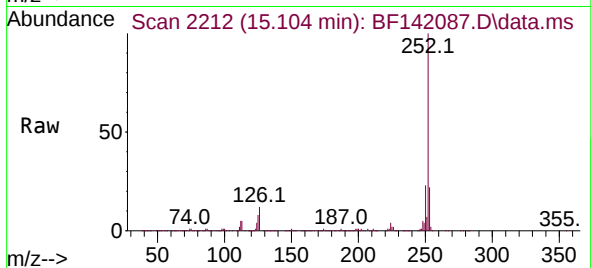
Tgt Ion:252 Resp: 945468

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.4 7.2 10.8



#90

Benzo(a)pyrene

Concen: 58.992 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF142087.D

Acq: 25 Mar 2025 19:37

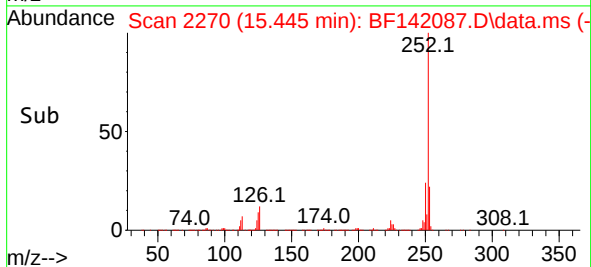
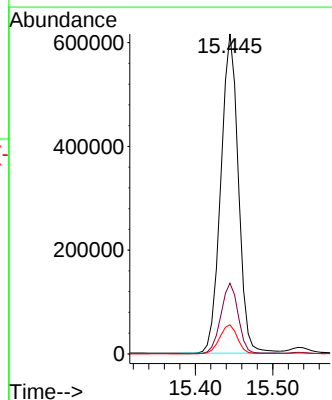
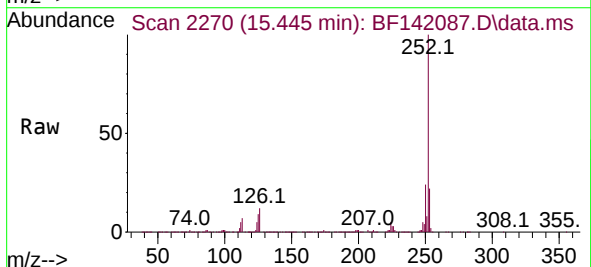
Tgt Ion:252 Resp: 968916

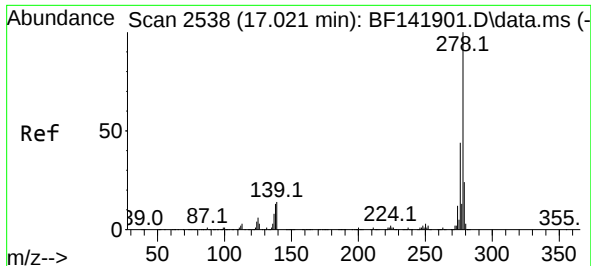
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 9.1 7.8 11.8

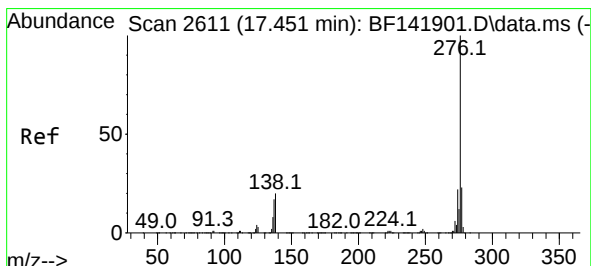
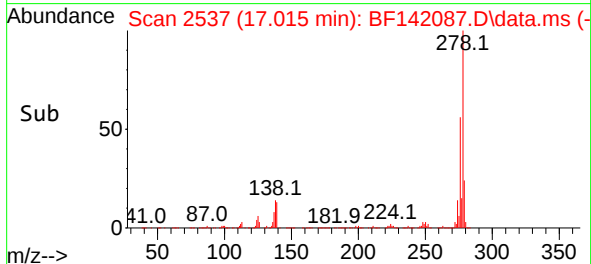
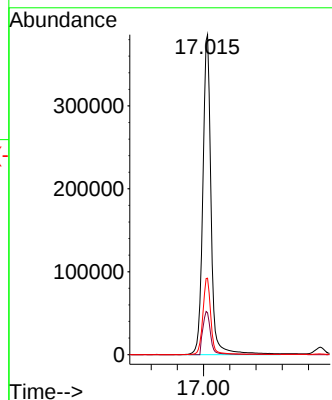
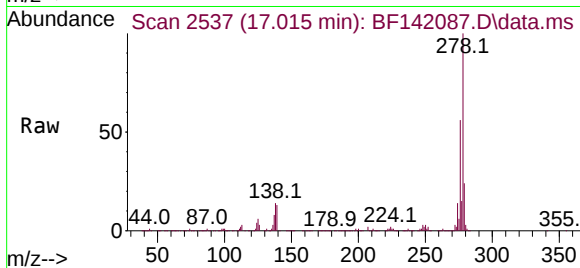




#91
Dibenzo(a,h)anthracene
Concen: 51.386 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMSD

Tgt Ion:278 Resp: 840007
Ion Ratio Lower Upper
278 100
139 13.1 11.4 17.2
279 23.9 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 47.874 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.006 min
Lab File: BF142087.D
Acq: 25 Mar 2025 19:37

Tgt Ion:276 Resp: 773357
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 18.2 15.8 23.8

