

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101625\
 Data File : BF143974.D
 Acq On : 16 Oct 2025 11:02
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 16 14:39:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	143427	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	517416	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	257486	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	430751	20.000	ng	0.00
76) Chrysene-d12	14.069	240	239980	20.000	ng	0.00
86) Perylene-d12	15.551	264	254300	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	747354	82.745	ng	0.00
7) Phenol-d6	6.510	99	866591	80.495	ng	0.00
23) Nitrobenzene-d5	7.451	82	734656	86.263	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	212544	82.876	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1204634	74.235	ng	0.00
79) Terphenyl-d14	13.004	244	1239509	88.275	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	178939	42.813	ng	95
3) Pyridine	3.404	79	517657	42.545	ng	97
4) n-Nitrosodimethylamine	3.357	42	260704	40.731	ng	94
6) Aniline	6.545	93	624155	38.690	ng	94
8) 2-Chlorophenol	6.669	128	373843	42.344	ng	98
9) Benzaldehyde	6.434	77	348971	42.021	ng	98
10) Phenol	6.528	94	542294	42.134	ng	97
11) bis(2-Chloroethyl)ether	6.622	93	405839	40.819	ng	99
12) 1,3-Dichlorobenzene	6.828	146	425668	40.278	ng	99
13) 1,4-Dichlorobenzene	6.904	146	418749	40.169	ng	99
14) 1,2-Dichlorobenzene	7.057	146	407966	40.857	ng	99
15) Benzyl Alcohol	7.028	79	318341	39.466	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.157	45	881056	38.931	ng	99
17) 2-Methylphenol	7.134	107	283476	38.851	ng	98
18) Hexachloroethane	7.398	117	145379	41.817	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	245509	33.316	ng	99
20) 3+4-Methylphenols	7.287	107	308251	36.451	ng	91
22) Acetophenone	7.298	105	407083	37.209	ng	99
24) Nitrobenzene	7.469	77	408502	43.193	ng	97
25) Isophorone	7.704	82	662562	36.896	ng	99
26) 2-Nitrophenol	7.781	139	190254	46.921	ng	97
27) 2,4-Dimethylphenol	7.816	122	288810	39.596	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	426497	37.599	ng	98
29) 2,4-Dichlorophenol	8.022	162	305533	40.214	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	316962	42.419	ng	99
31) Naphthalene	8.192	128	937169	39.817	ng	100
32) Benzoic acid	7.934	122	186674	36.980	ng	94
33) 4-Chloroaniline	8.239	127	342495	38.799	ng	97
34) Hexachlorobutadiene	8.304	225	218591	42.098	ng	99
35) Caprolactam	8.616	113	87255	36.119	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	270062	37.004	ng	98
37) 2-Methylnaphthalene	8.881	142	580231	37.008	ng	100
38) 1-Methylnaphthalene	8.981	142	541987	35.639	ng	96
40) 1,2,4,5-Tetrachloroben...	9.045	216	303111	42.592	ng	97
41) Hexachlorocyclopentadiene	9.034	237	110314	37.365	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	223945	43.068	ng	97

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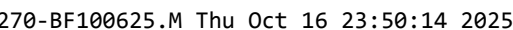
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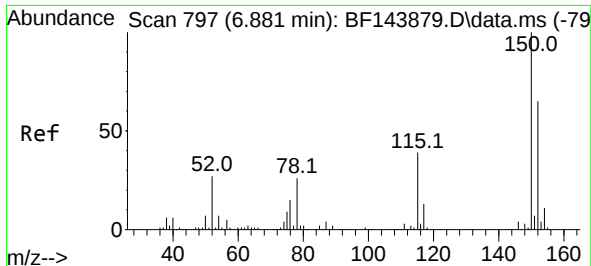
Quant Time: Oct 16 14:39:38 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	226419	41.205	ng	99
46) 1,1'-Biphenyl	9.345	154	687536	40.330	ng	99
47) 2-Chloronaphthalene	9.369	162	585397	41.185	ng	98
48) 2-Nitroaniline	9.463	65	203892	45.372	ng	100
49) Acenaphthylene	9.786	152	805251	40.298	ng	100
50) Dimethylphthalate	9.639	163	664508	40.639	ng	100
51) 2,6-Dinitrotoluene	9.704	165	140806	46.439	ng	99
52) Acenaphthene	9.957	154	519654	39.687	ng	98
53) 3-Nitroaniline	9.881	138	162922	43.883	ng	97
54) 2,4-Dinitrophenol	9.986	184	70620	41.424	ng	# 90
55) Dibenzofuran	10.133	168	737486	39.900	ng	98
56) 4-Nitrophenol	10.033	139	107316	38.176	ng	97
57) 2,4-Dinitrotoluene	10.110	165	191863	46.507	ng	99
58) Fluorene	10.475	166	549056	39.368	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	164021	42.168	ng	# 95
60) Diethylphthalate	10.345	149	609840	40.146	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	292346	39.647	ng	99
62) 4-Nitroaniline	10.492	138	153494	42.994	ng	94
63) Azobenzene	10.628	77	630902	39.739	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	108965	50.339	ng	97
66) n-Nitrosodiphenylamine	10.586	169	547504	40.480	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	196827	41.346	ng	98
68) Hexachlorobenzene	11.028	284	223266	40.511	ng	98
69) Atrazine	11.110	200	163899	39.981	ng	100
70) Pentachlorophenol	11.222	266	118820	37.539	ng	98
71) Phenanthrene	11.439	178	823701	39.444	ng	100
72) Anthracene	11.492	178	843299	39.973	ng	99
73) Carbazole	11.651	167	740600	39.637	ng	98
74) Di-n-butylphthalate	11.975	149	895303	41.344	ng	100
75) Fluoranthene	12.633	202	844671	39.159	ng	99
77) Benzidine	12.757	184	278037	33.367	ng	98
78) Pyrene	12.863	202	864452	43.208	ng	100
80) Butylbenzylphthalate	13.480	149	297999	45.863	ng	100
81) Benzo(a)anthracene	14.057	228	678597	43.211	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	204087	42.643	ng	99
83) Chrysene	14.092	228	609716	41.949	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	354855	45.306	ng	99
85) Di-n-octyl phthalate	14.657	149	591519	45.981	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	757910	48.640	ng	98
88) Benzo(b)fluoranthene	15.115	252	563880	38.601	ng	98
89) Benzo(k)fluoranthene	15.145	252	556083	41.140	ng	98
90) Benzo(a)pyrene	15.486	252	519768	41.035	ng	98
91) Dibenzo(a,h)anthracene	17.080	278	614248	49.014	ng	99
92) Benzo(g,h,i)perylene	17.515	276	619679	49.447	ng	97

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

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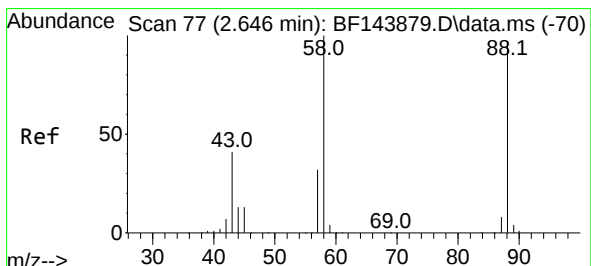
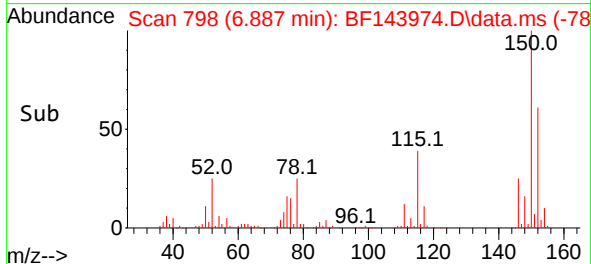
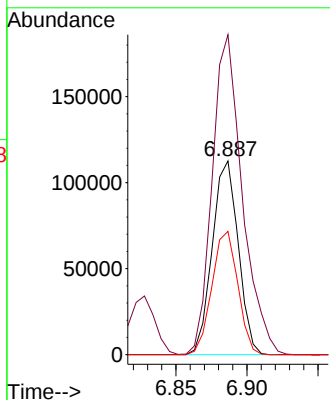
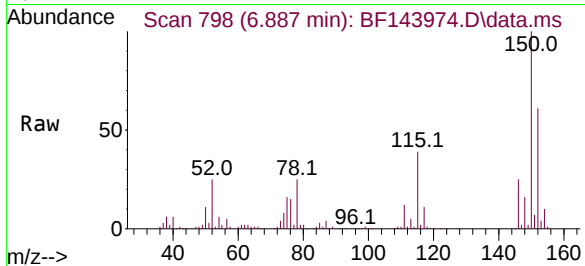




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 79
 Delta R.T. 0.001 min
 Lab File: BF143974.D
 Acq: 16 Oct 2025 11:02

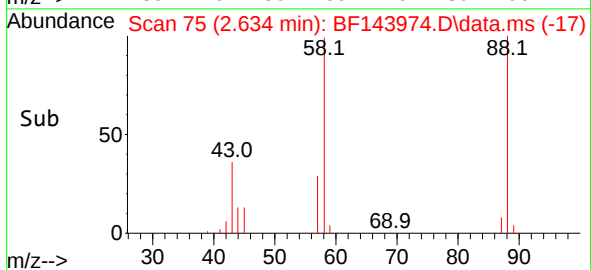
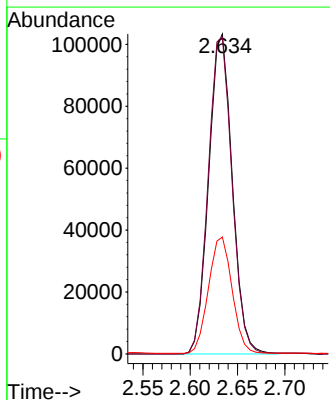
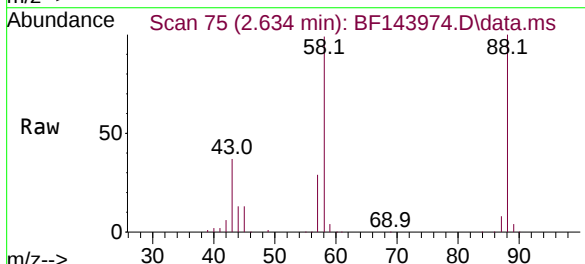
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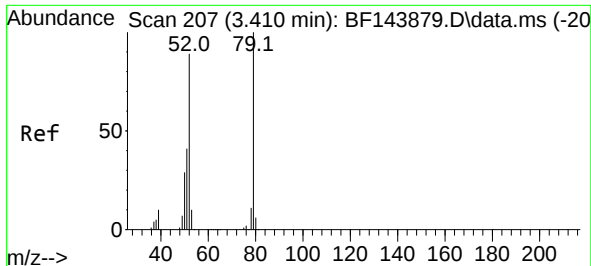
Tgt Ion:152 Resp: 143427
 Ion Ratio Lower Upper
 152 100
 150 165.2 124.4 186.6
 115 63.6 48.1 72.1



#2
 1,4-Dioxane
 Concen: 42.813 ng
 RT: 2.634 min Scan# 75
 Delta R.T. -0.012 min
 Lab File: BF143974.D
 Acq: 16 Oct 2025 11:02

Tgt Ion: 88 Resp: 178939
 Ion Ratio Lower Upper
 88 100
 58 100.4 83.0 124.6
 43 36.3 33.9 50.9





#3

Pyridine

Concen: 42.545 ng

RT: 3.404 min Scan# 207

Delta R.T. -0.012 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

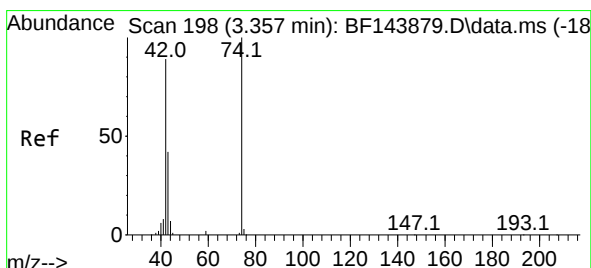
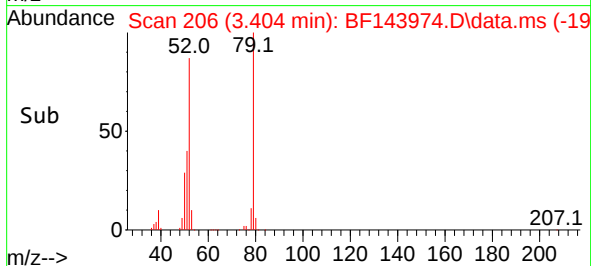
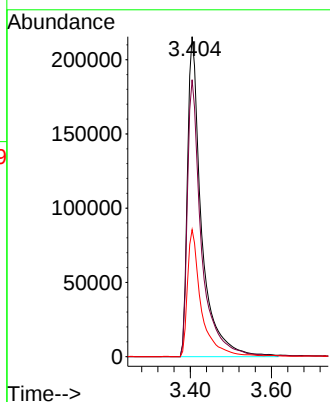
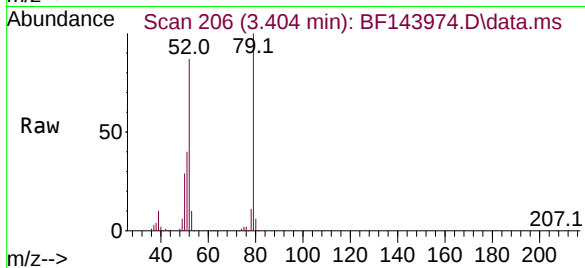
Tgt Ion: 79 Resp: 517657

Ion Ratio Lower Upper

79 100

52 86.5 71.5 107.3

51 39.7 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 40.731 ng

RT: 3.357 min Scan# 198

Delta R.T. -0.029 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

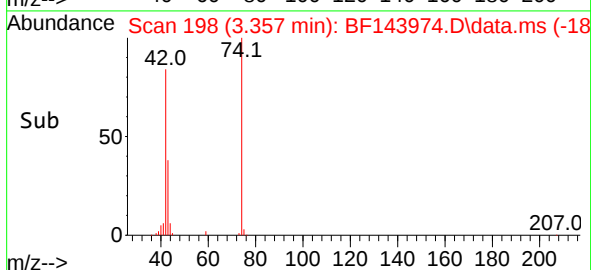
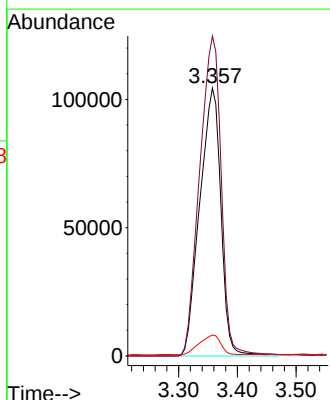
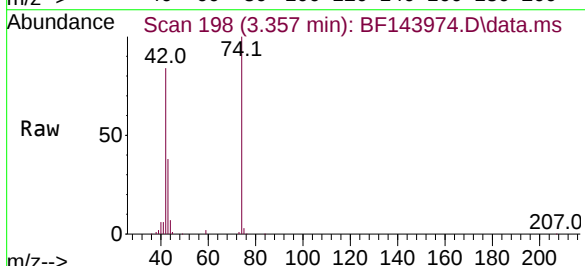
Tgt Ion: 42 Resp: 260704

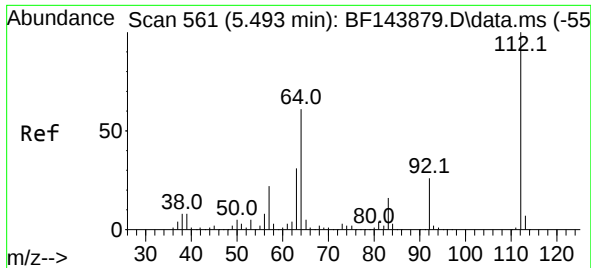
Ion Ratio Lower Upper

42 100

74 119.4 90.0 135.0

44 7.8 6.2 9.2

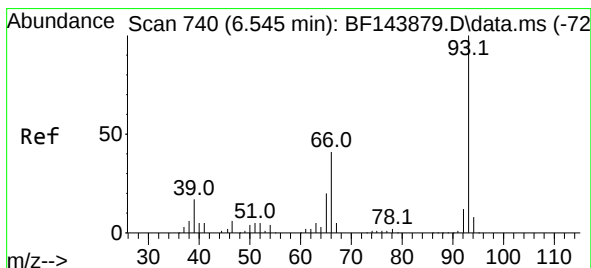
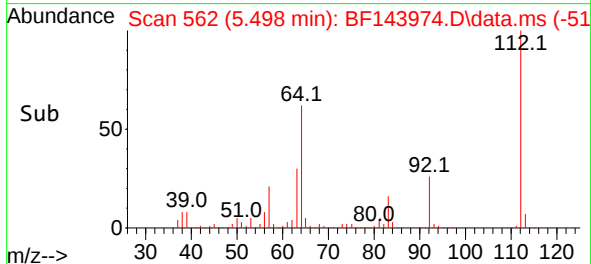
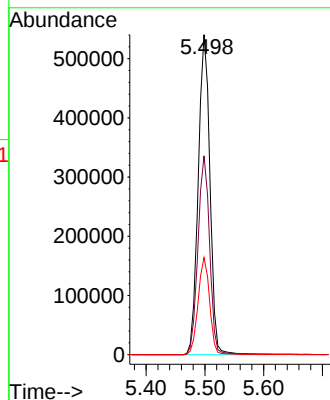
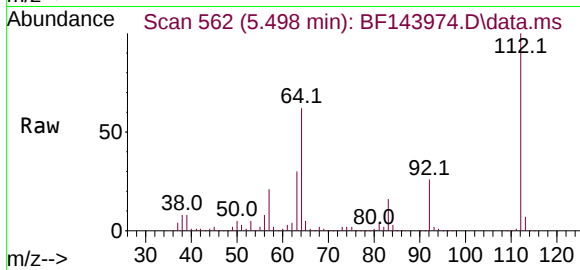




#5
2-Fluorophenol
Concen: 82.745 ng
RT: 5.498 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

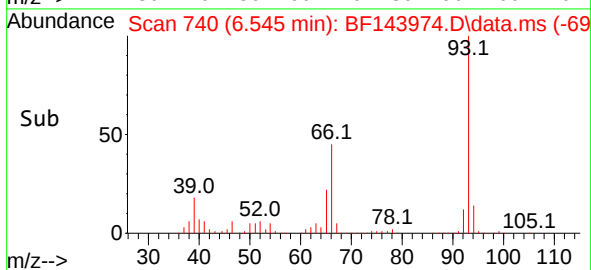
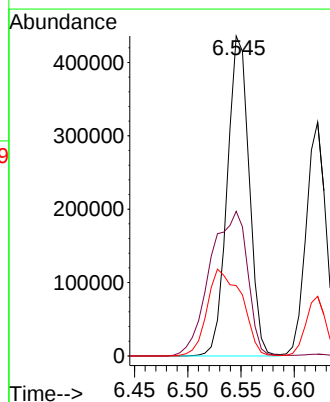
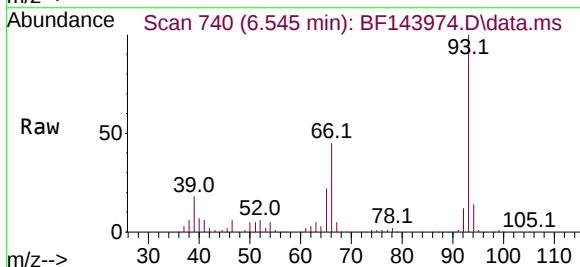
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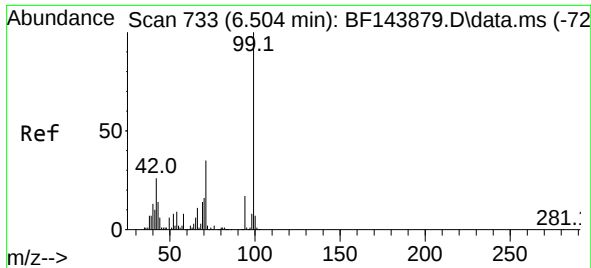
Tgt Ion:112 Resp: 747354
Ion Ratio Lower Upper
112 100
64 62.1 49.1 73.7
63 30.3 24.5 36.7



#6
Aniline
Concen: 38.690 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Tgt Ion: 93 Resp: 624155
Ion Ratio Lower Upper
93 100
66 45.2 33.0 49.6
65 22.0 15.8 23.8





#7

Phenol-d6

Concen: 80.495 ng

RT: 6.510 min Scan# 734

Delta R.T. -0.006 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

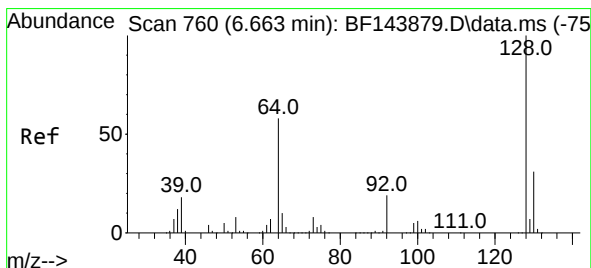
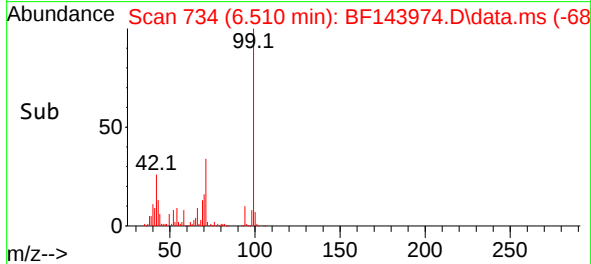
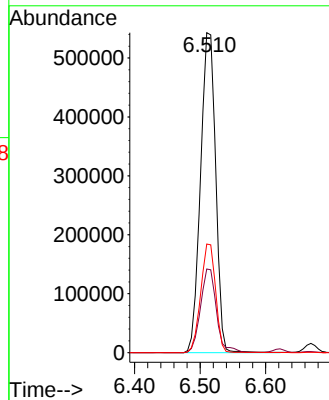
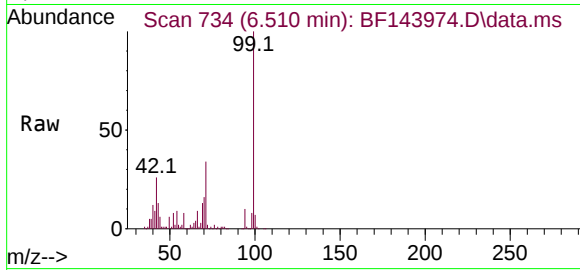
Tgt Ion: 99 Resp: 866591

Ion Ratio Lower Upper

99 100

42 26.1 21.0 31.4

71 33.9 27.8 41.8



#8

2-Chlorophenol

Concen: 42.344 ng

RT: 6.669 min Scan# 761

Delta R.T. 0.000 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

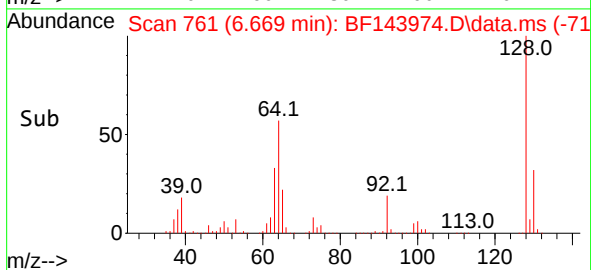
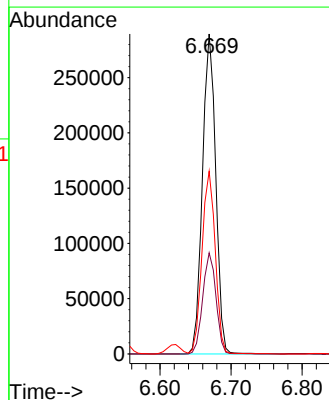
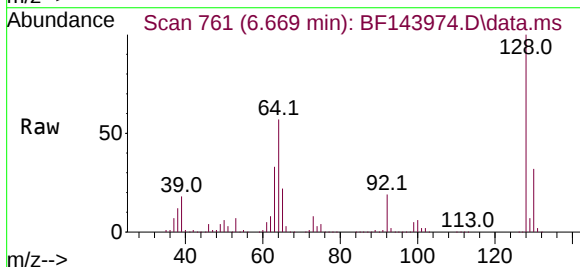
Tgt Ion: 128 Resp: 373843

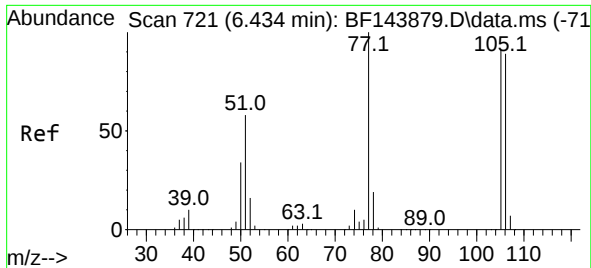
Ion Ratio Lower Upper

128 100

130 31.6 10.7 50.7

64 57.1 39.0 79.0

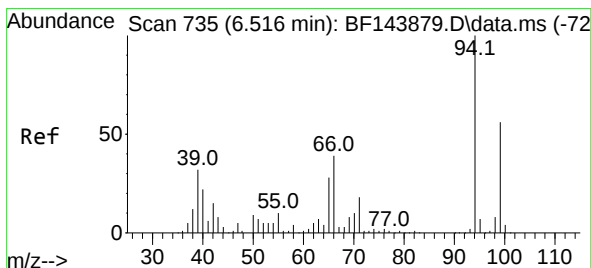
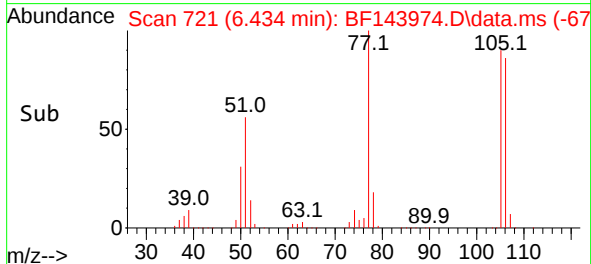
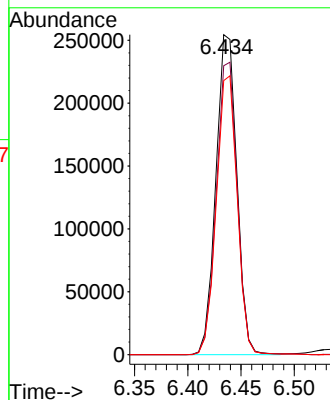
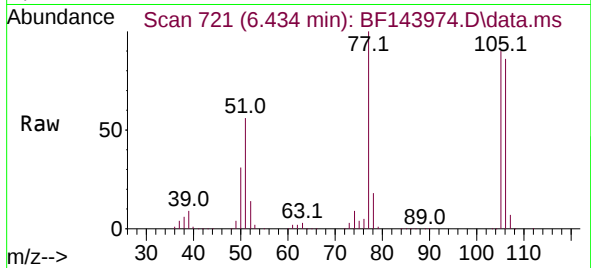




#9
Benzaldehyde
Concen: 42.021 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

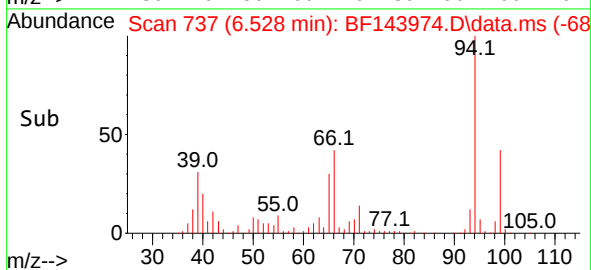
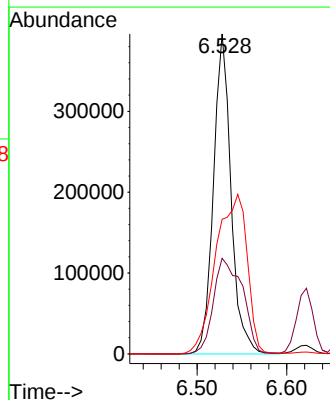
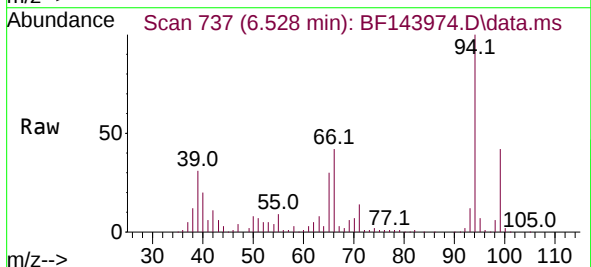
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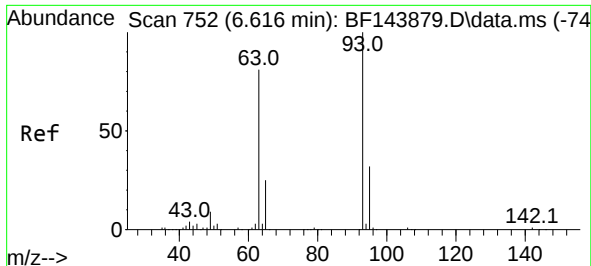
Tgt Ion: 77 Resp: 348971
Ion Ratio Lower Upper
77 100
105 90.3 70.9 110.9
106 85.6 68.9 108.9



#10
Phenol
Concen: 42.134 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Tgt Ion: 94 Resp: 542294
Ion Ratio Lower Upper
94 100
65 29.9 8.5 48.5
66 42.1 19.9 59.9

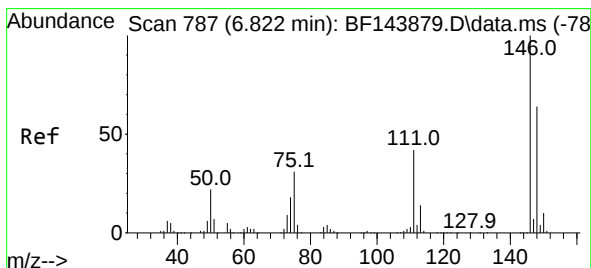
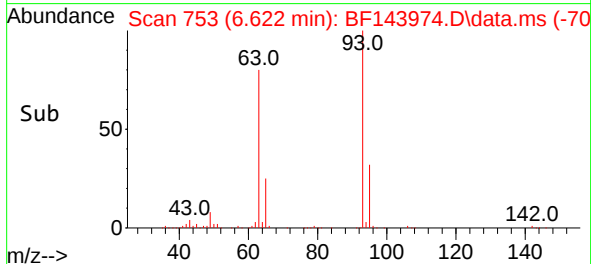
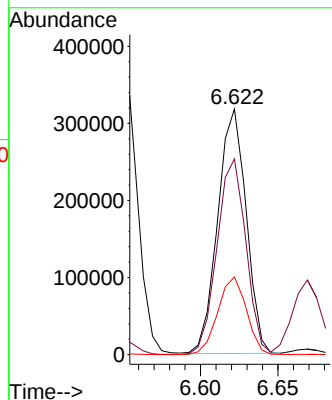
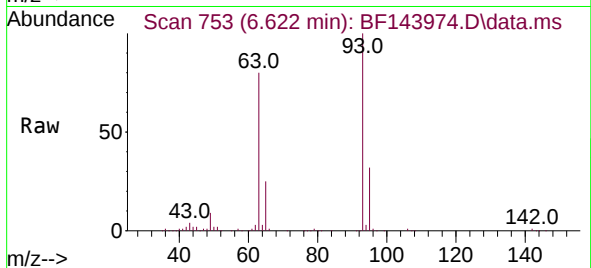




#11
bis(2-Chloroethyl)ether
Concen: 40.819 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

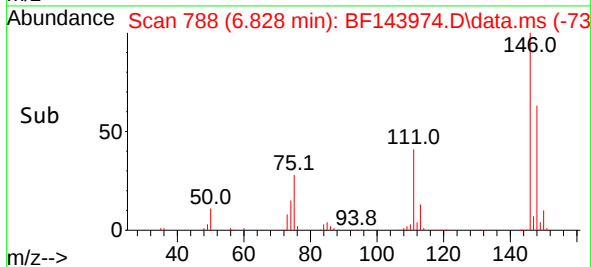
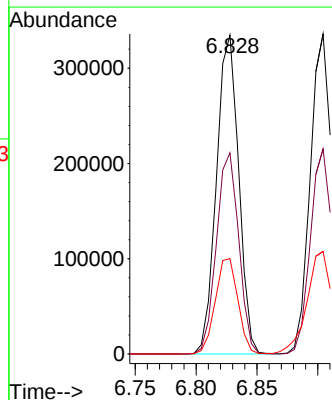
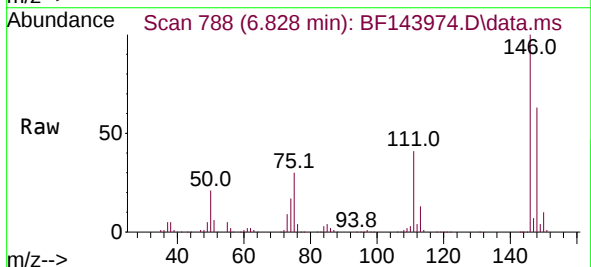
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

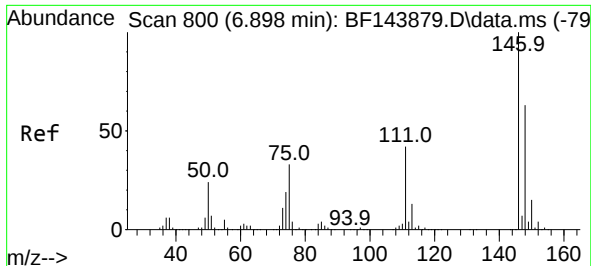
Tgt Ion: 93 Resp: 405839
Ion Ratio Lower Upper
93 100
63 79.7 60.9 100.9
95 31.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 40.278 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Tgt Ion:146 Resp: 425668
Ion Ratio Lower Upper
146 100
148 63.1 51.0 76.4
75 29.9 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 40.169 ng

RT: 6.904 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

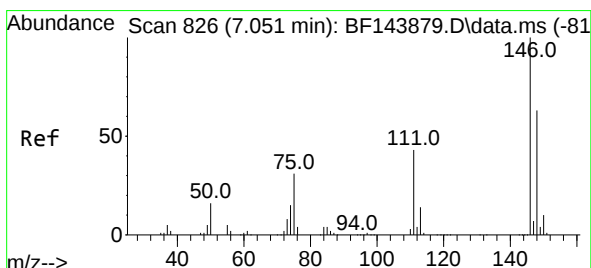
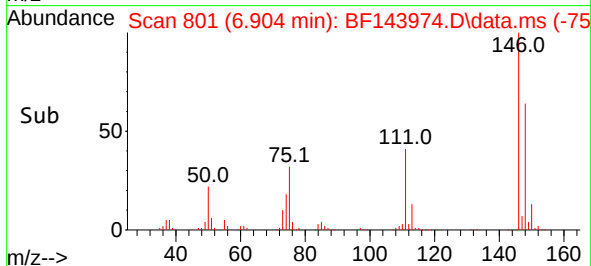
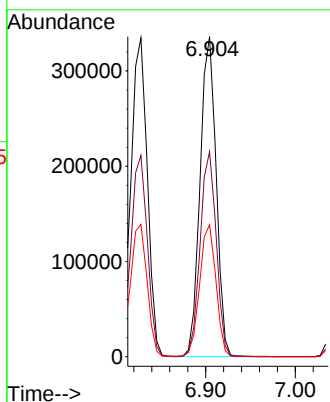
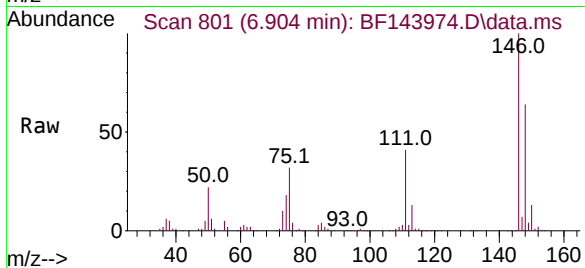
Tgt Ion:146 Resp: 418749

Ion Ratio Lower Upper

146 100

148 64.1 50.5 75.7

111 41.2 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 40.857 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

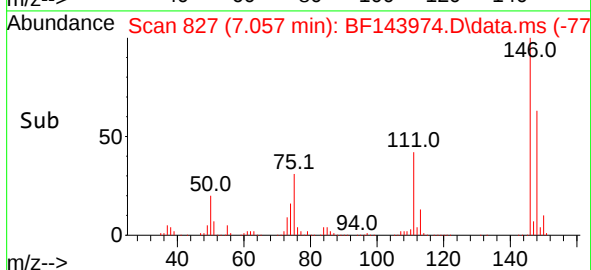
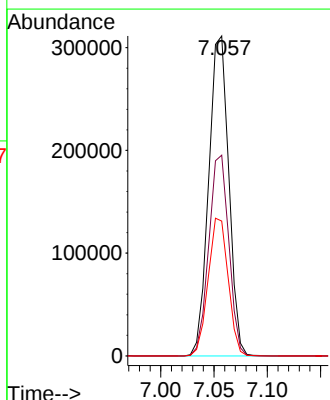
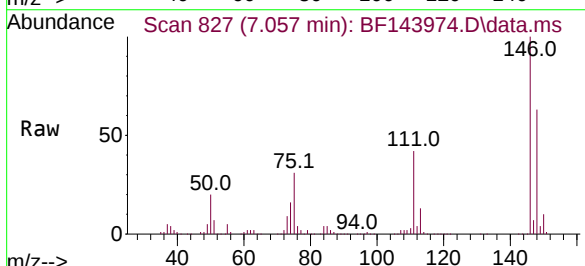
Tgt Ion:146 Resp: 407966

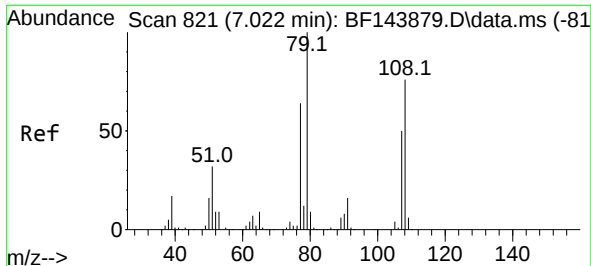
Ion Ratio Lower Upper

146 100

148 62.7 50.6 75.8

111 42.1 34.6 51.8

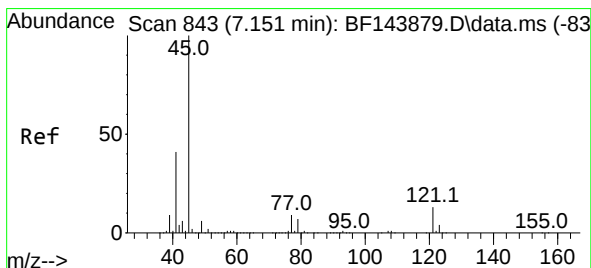
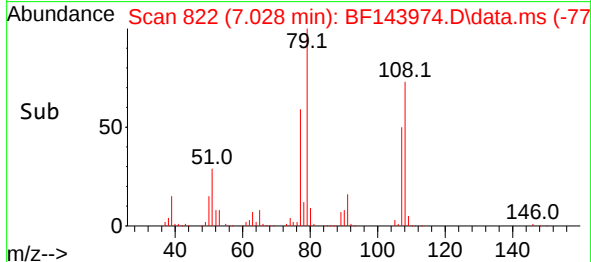
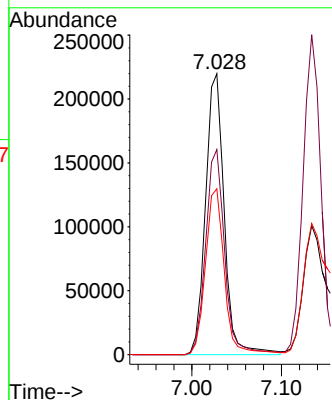
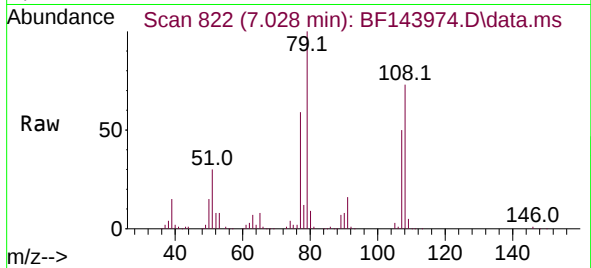




#15
Benzyl Alcohol
Concen: 39.466 ng
RT: 7.028 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

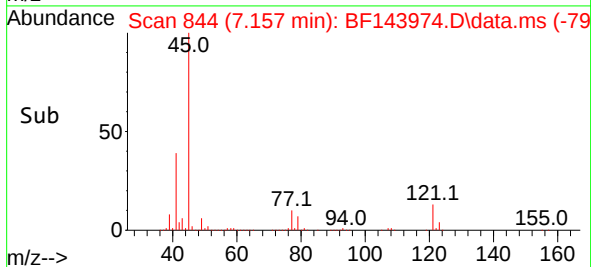
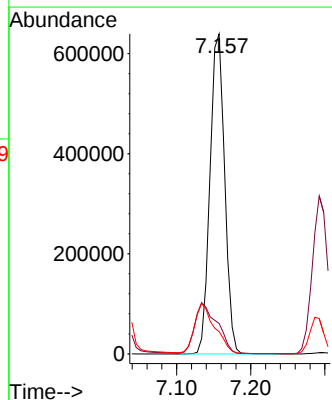
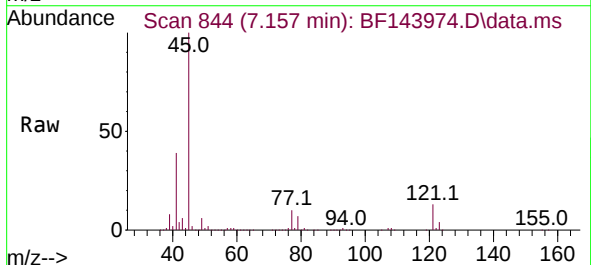
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

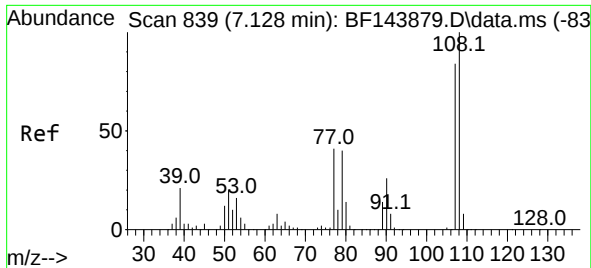
Tgt Ion: 79 Resp: 318341
Ion Ratio Lower Upper
79 100
108 73.0 60.8 91.2
77 59.0 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.931 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Tgt Ion: 45 Resp: 881056
Ion Ratio Lower Upper
45 100
77 9.5 0.0 29.0
79 7.0 0.0 26.8

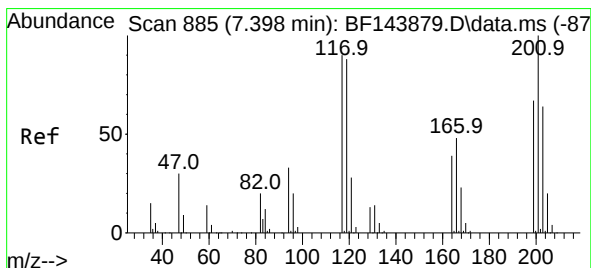
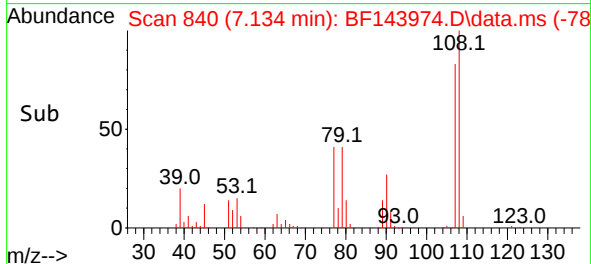
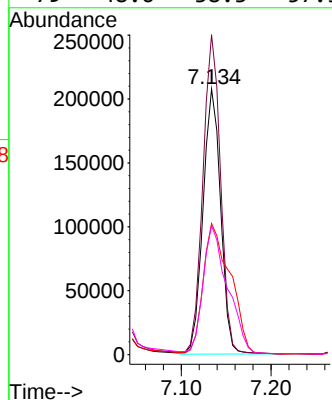
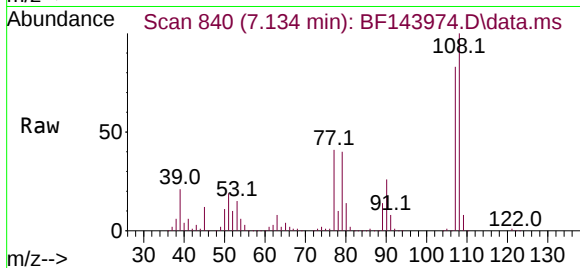




#17
2-Methylphenol
Concen: 38.851 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

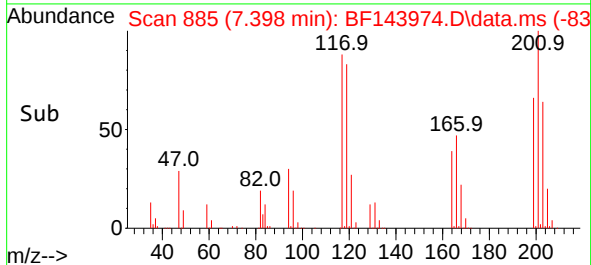
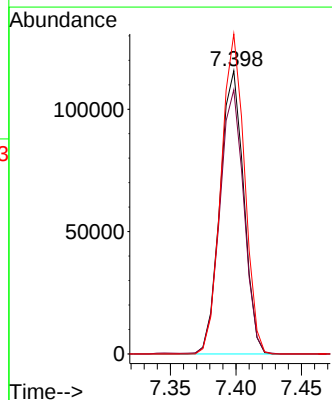
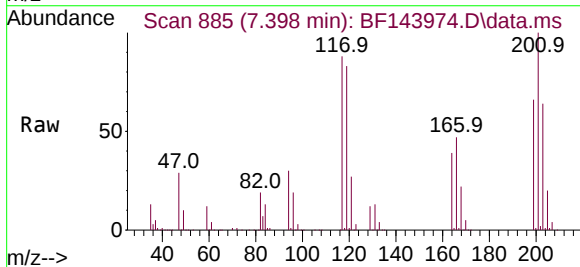
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

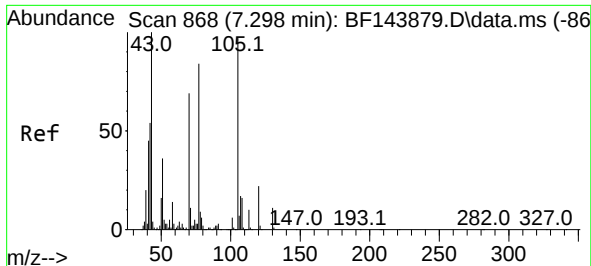
Tgt Ion:	107	Resp:	283476
Ion	Ratio	Lower	Upper
107	100		
108	120.4	94.7	142.1
77	49.3	38.8	58.2
79	48.6	38.3	57.5



#18
Hexachloroethane
Concen: 41.817 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Tgt Ion:	117	Resp:	145379
Ion	Ratio	Lower	Upper
117	100		
119	93.3	77.8	116.8
201	113.0	88.5	132.7





#19

n-Nitroso-di-n-propylamine

Concen: 33.316 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.018 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 245509

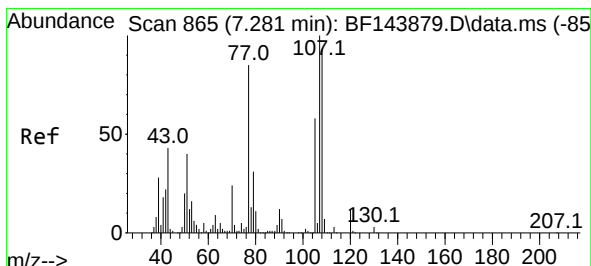
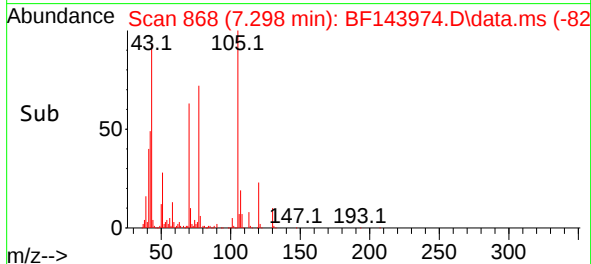
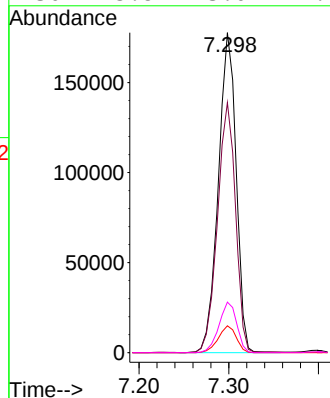
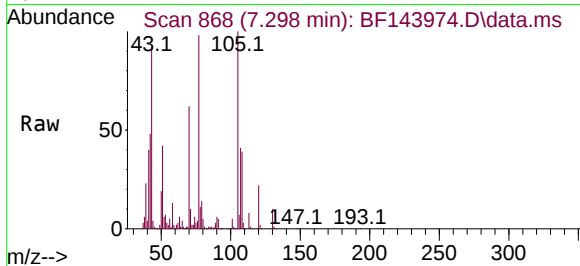
Ion Ratio Lower Upper

70 100

42 78.1 62.8 94.2

101 8.4 6.7 10.1

130 15.8 13.0 19.4



#20

3+4-Methylphenols

Concen: 36.451 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

Tgt Ion: 107 Resp: 308251

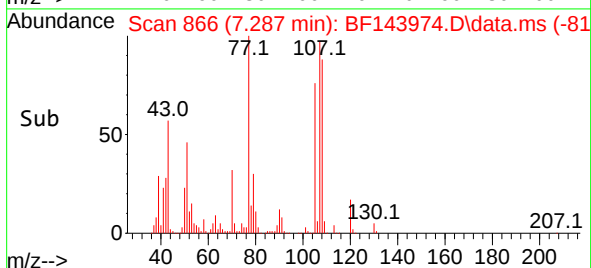
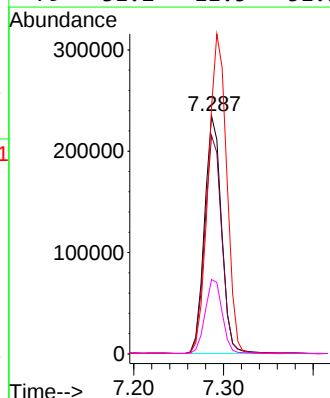
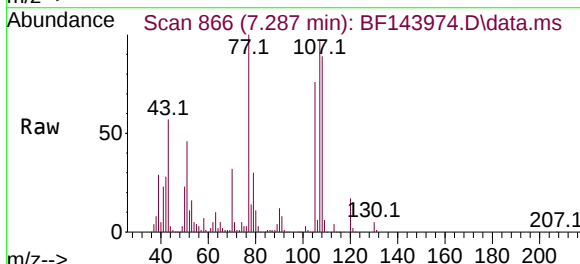
Ion Ratio Lower Upper

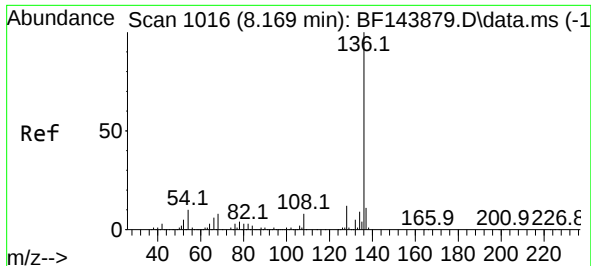
107 100

108 91.7 73.0 113.0

77 103.6 64.6 104.6

79 31.2 11.5 51.5



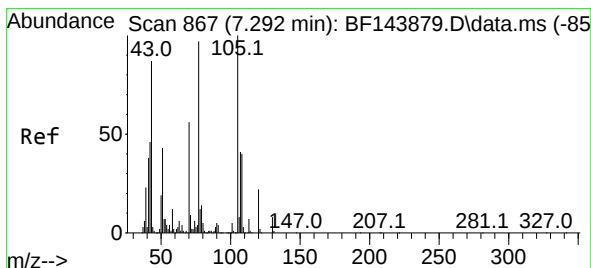
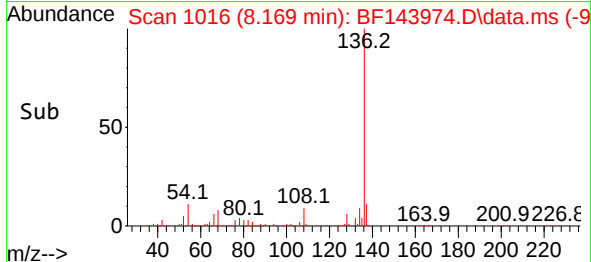
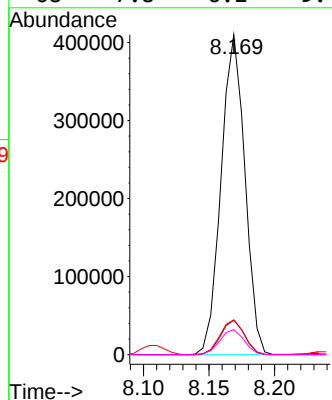
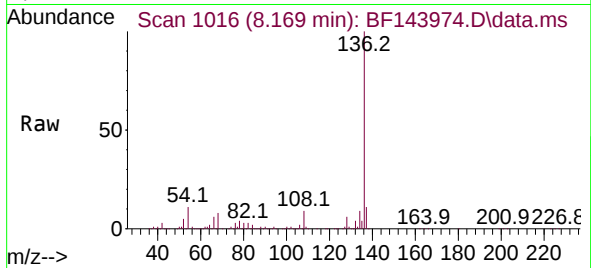


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 517416

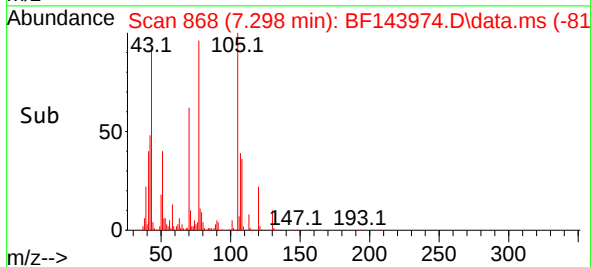
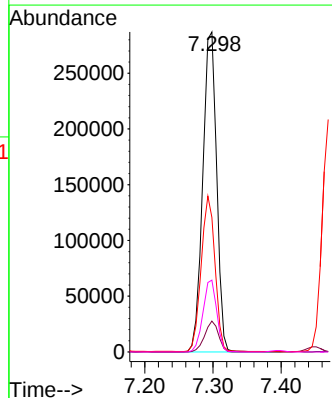
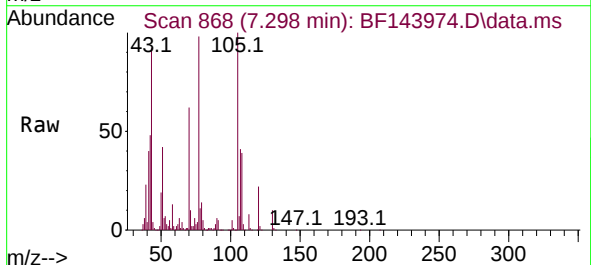
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.9	8.2	12.4
68	7.8	6.2	9.4

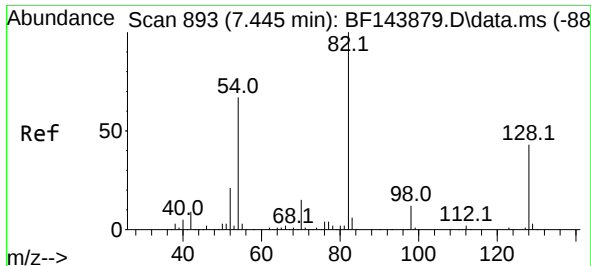


#22
Acetophenone
Concen: 37.209 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Tgt Ion:105 Resp: 407083

Ion	Ratio	Lower	Upper
105	100		
71	9.6	7.4	11.0
51	42.0	34.2	51.4
120	22.4	17.7	26.5





#23

Nitrobenzene-d5

Concen: 86.263 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

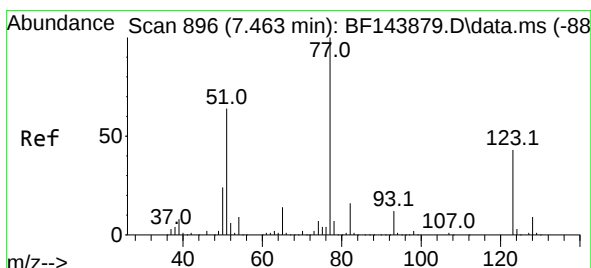
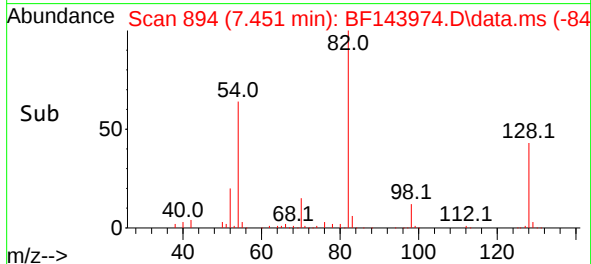
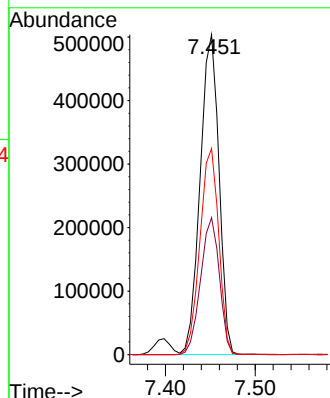
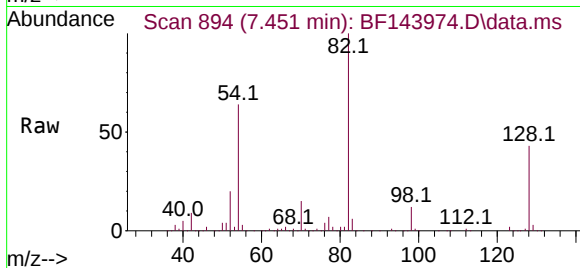
Tgt Ion: 82 Resp: 734656

Ion Ratio Lower Upper

82 100

128 42.8 34.0 51.0

54 64.4 53.2 79.8



#24

Nitrobenzene

Concen: 43.193 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

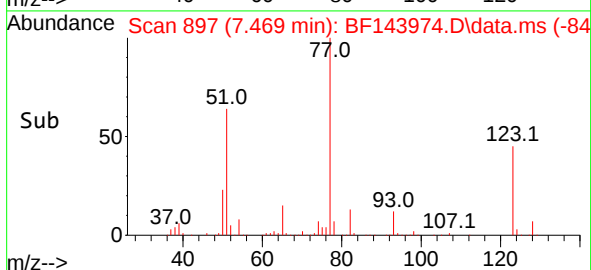
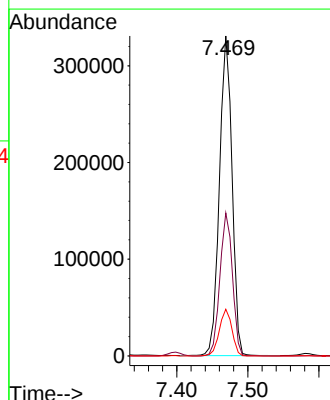
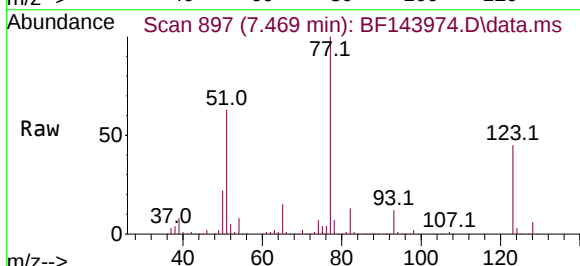
Tgt Ion: 77 Resp: 408502

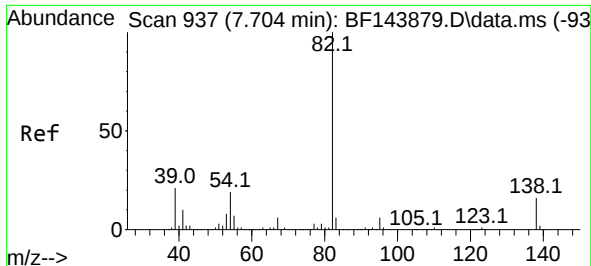
Ion Ratio Lower Upper

77 100

123 44.7 34.2 51.4

65 14.6 11.0 16.6

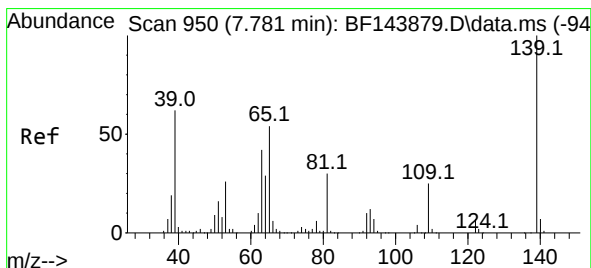
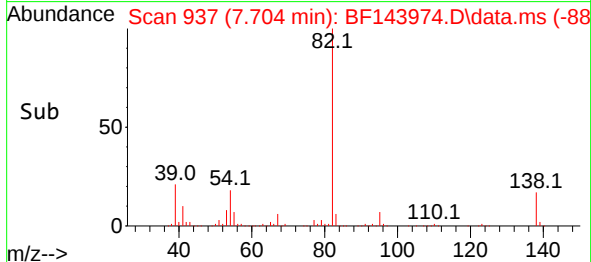
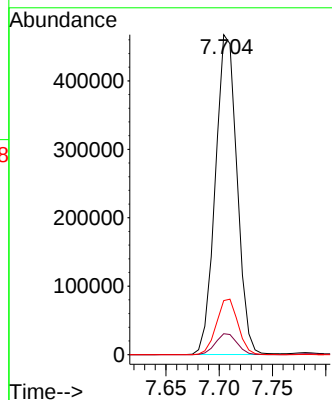
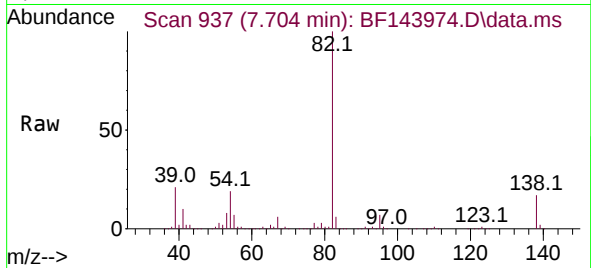




#25
Isophorone
Concen: 36.896 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.018 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

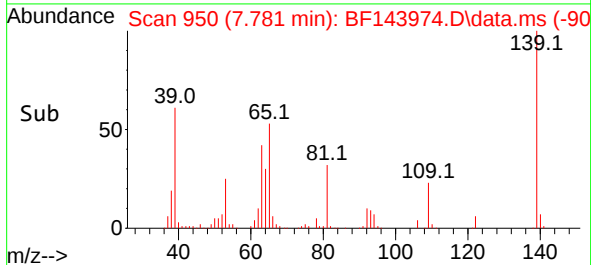
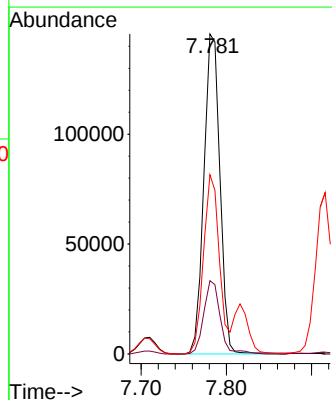
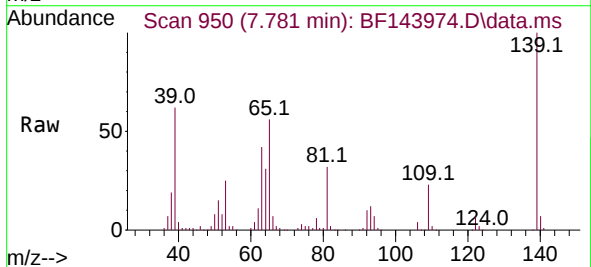
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

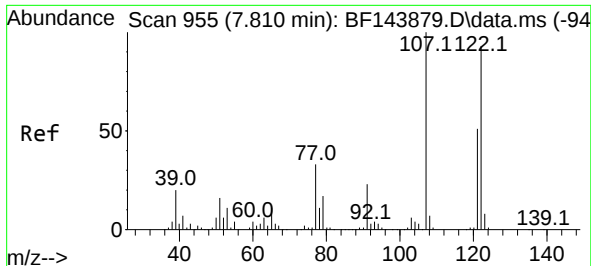
Tgt Ion: 82 Resp: 662562
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 16.9 12.9 19.3



#26
2-Nitrophenol
Concen: 46.921 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Tgt Ion:139 Resp: 190254
Ion Ratio Lower Upper
139 100
109 22.9 19.8 29.6
65 56.0 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 39.596 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

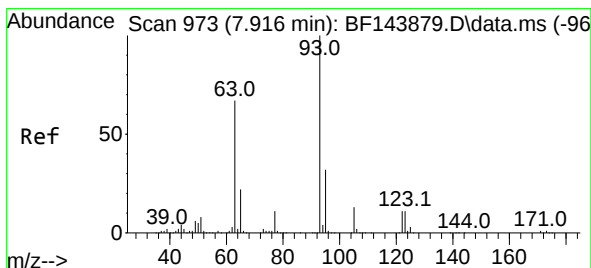
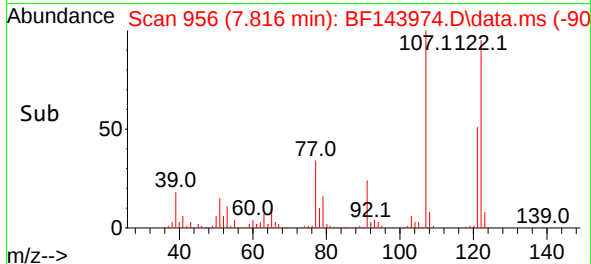
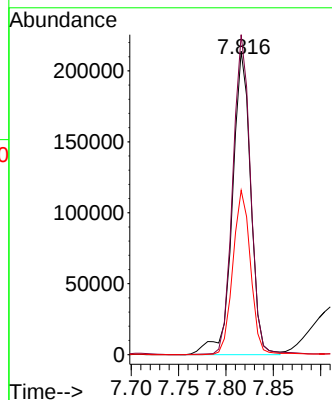
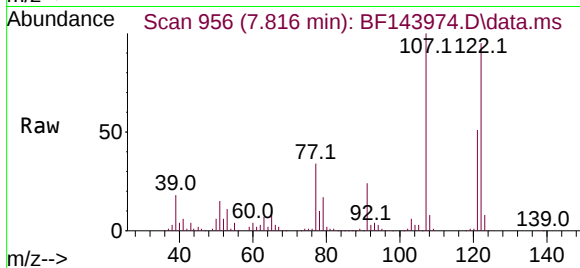
Tgt Ion:122 Resp: 288810

Ion Ratio Lower Upper

122 100

107 105.5 86.1 129.1

121 54.1 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 37.599 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

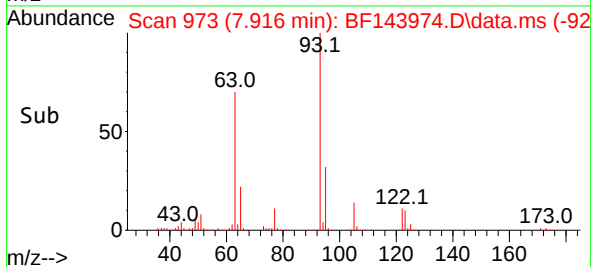
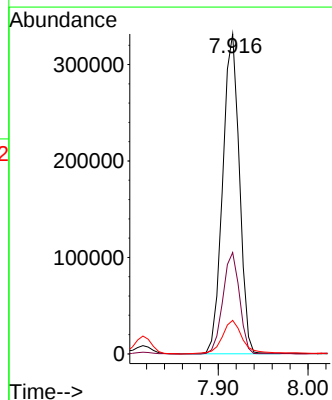
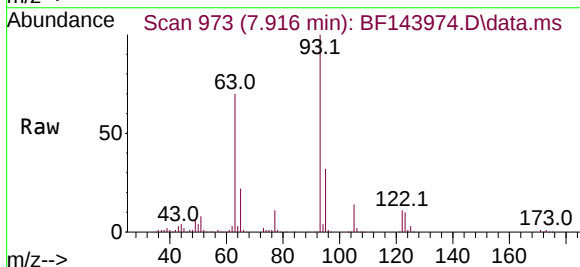
Tgt Ion: 93 Resp: 426497

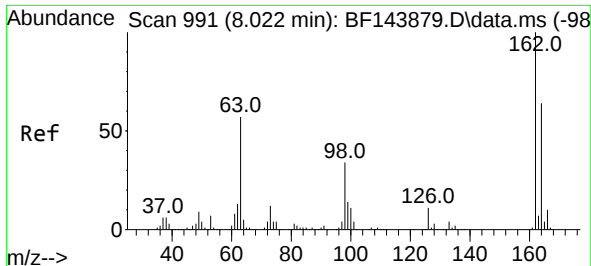
Ion Ratio Lower Upper

93 100

95 31.7 25.9 38.9

123 10.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 40.214 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

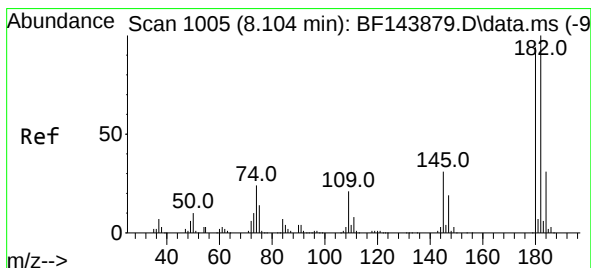
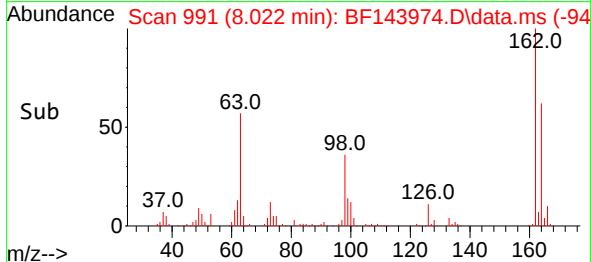
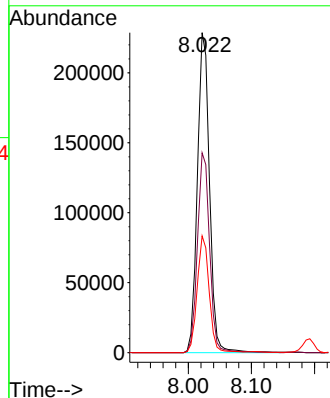
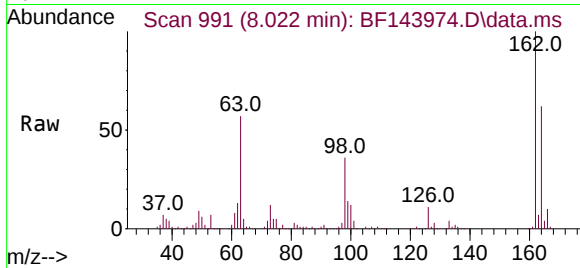
Tgt Ion:162 Resp: 305533

Ion Ratio Lower Upper

162 100

164 62.4 43.9 83.9

98 36.5 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 42.419 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

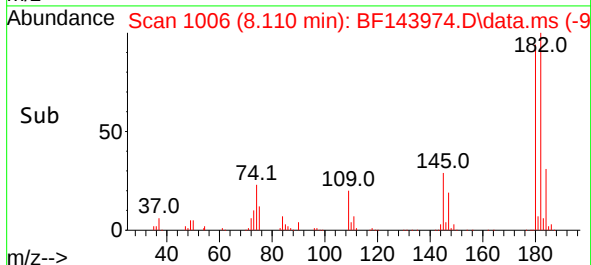
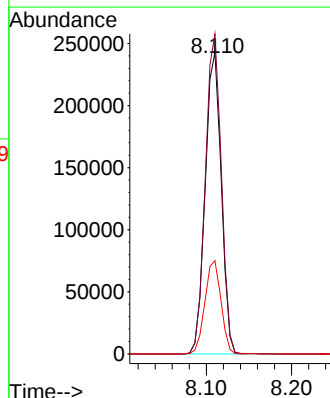
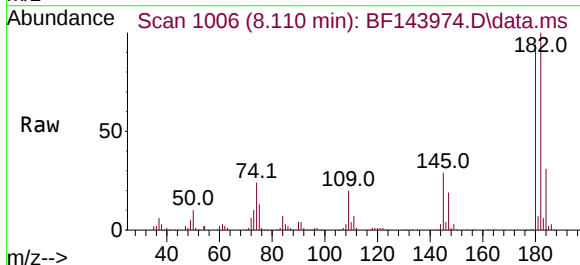
Tgt Ion:180 Resp: 316962

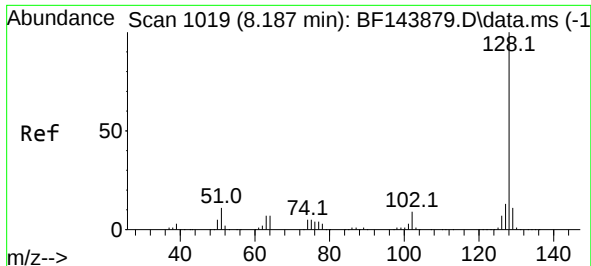
Ion Ratio Lower Upper

180 100

182 106.2 85.4 128.0

145 30.9 26.3 39.5

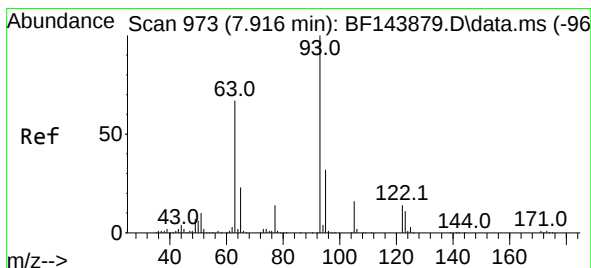
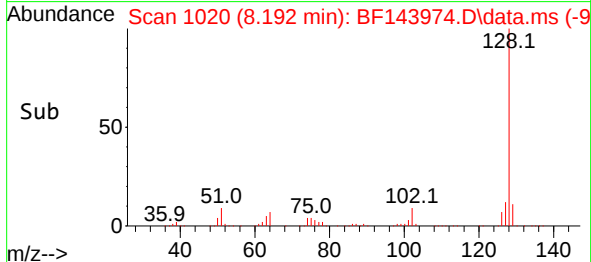
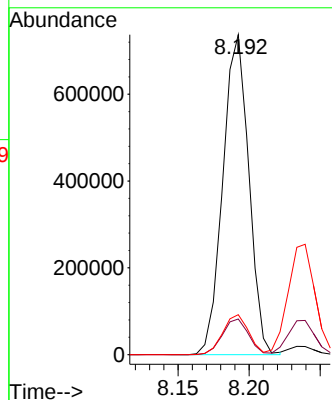
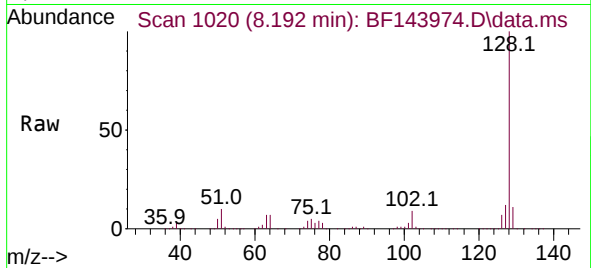




#31
Naphthalene
Concen: 39.817 ng
RT: 8.192 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

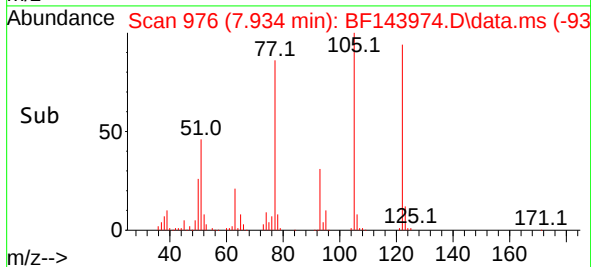
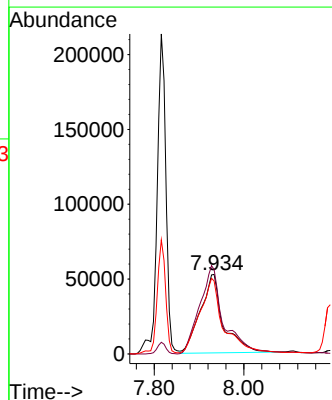
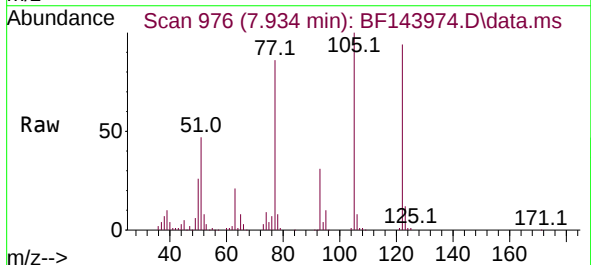
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

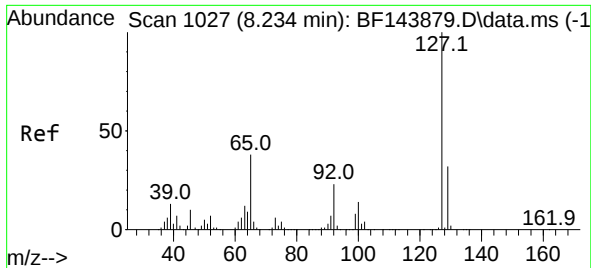
Tgt Ion:128 Resp: 937169
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.5 10.0 15.0



#32
Benzoic acid
Concen: 36.980 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.029 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Tgt Ion:122 Resp: 186674
Ion Ratio Lower Upper
122 100
105 106.2 93.5 133.5
77 91.8 76.3 116.3

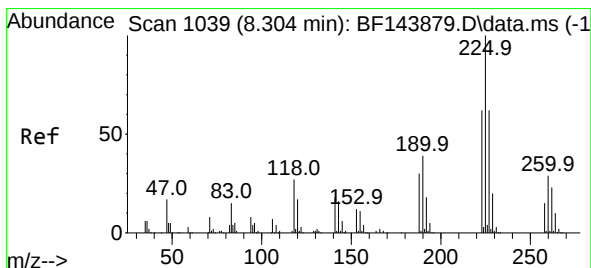
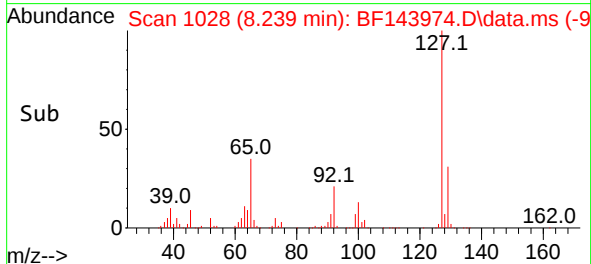
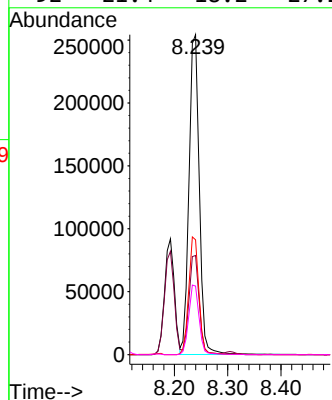
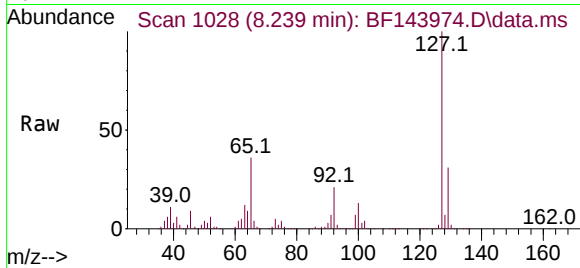




#33
4-Chloroaniline
Concen: 38.799 ng
RT: 8.239 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

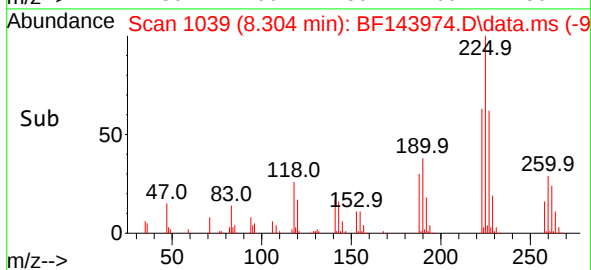
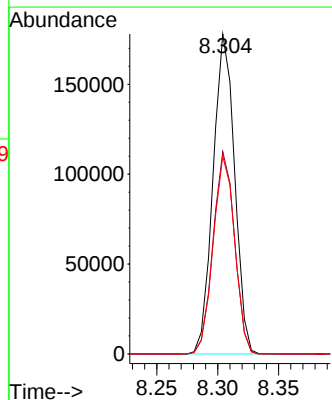
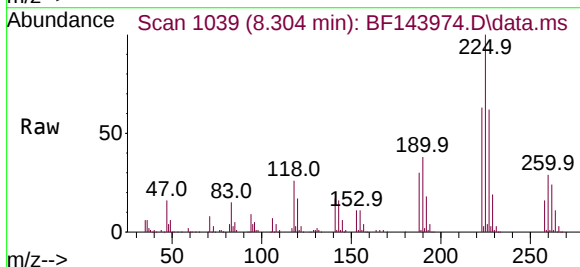
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

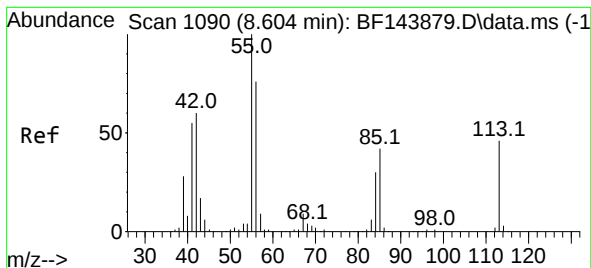
Tgt Ion:	127	Resp:	342495
Ion Ratio	Lower	Upper	
127	100		
129	31.0	25.8	38.8
65	35.9	30.0	45.0
92	21.4	18.2	27.2



#34
Hexachlorobutadiene
Concen: 42.098 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Tgt Ion:	225	Resp:	218591
Ion Ratio	Lower	Upper	
225	100		
223	63.2	49.4	74.2
227	61.8	49.7	74.5





#35

Caprolactam

Concen: 36.119 ng

RT: 8.616 min Scan# 1109

Delta R.T. -0.029 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

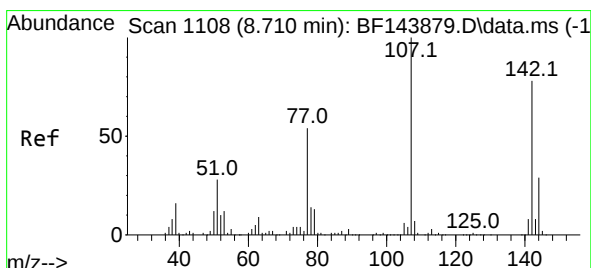
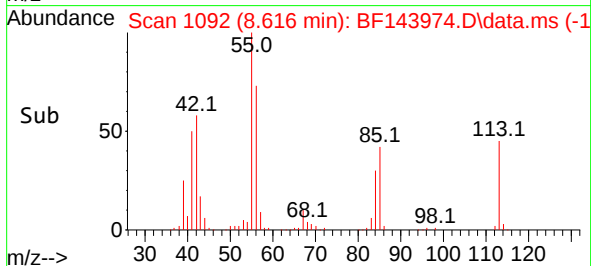
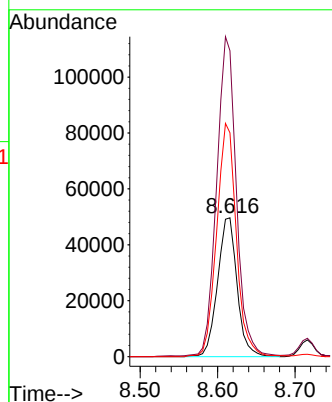
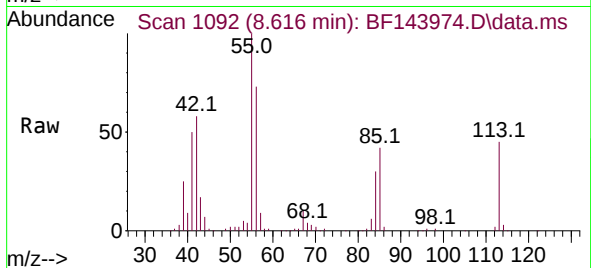
Tgt Ion:113 Resp: 87255

Ion Ratio Lower Upper

113 100

55 220.5 199.6 239.6

56 161.2 146.0 186.0



#36

4-Chloro-3-methylphenol

Concen: 37.004 ng

RT: 8.716 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

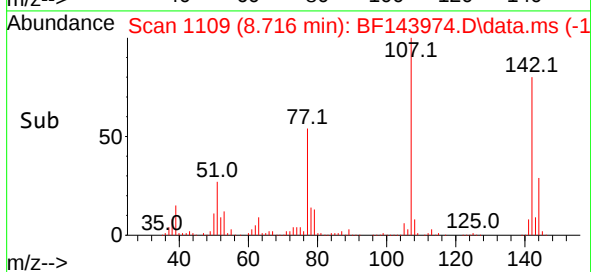
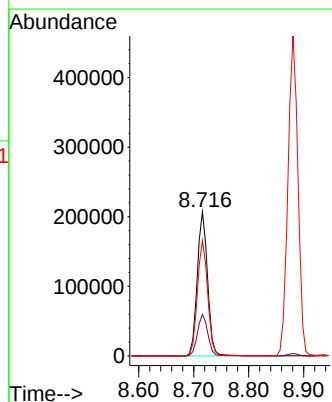
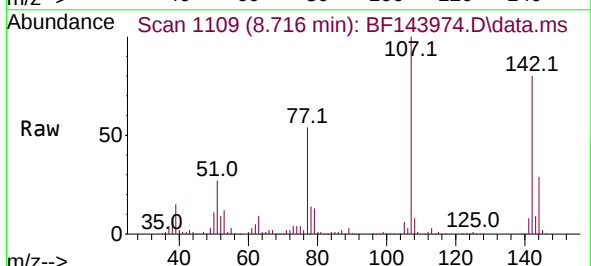
Tgt Ion:107 Resp: 270062

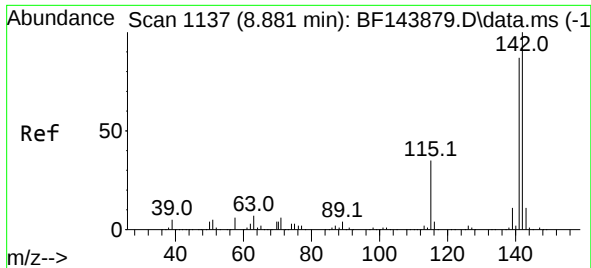
Ion Ratio Lower Upper

107 100

144 28.9 23.1 34.7

142 80.1 62.6 94.0

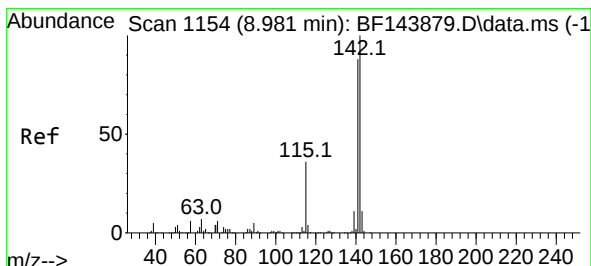
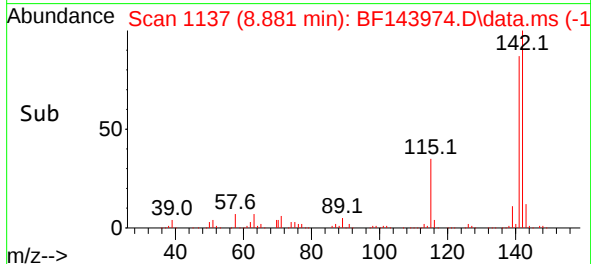
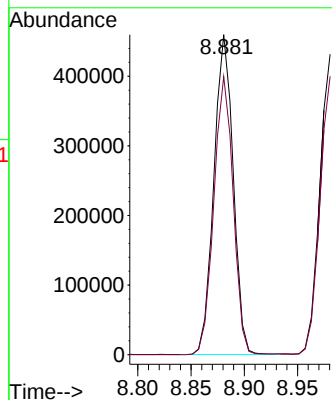
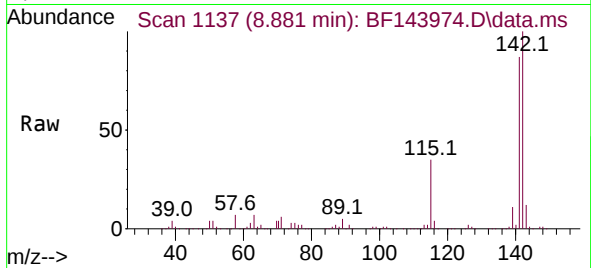




#37
2-Methylnaphthalene
Concen: 37.008 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

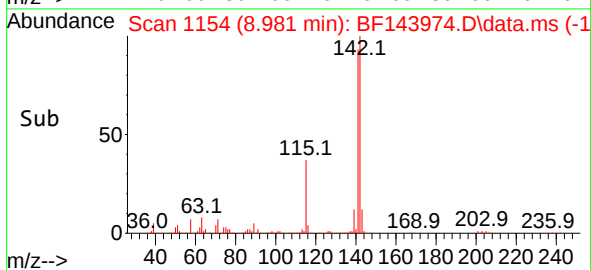
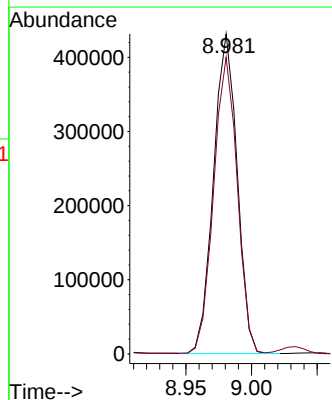
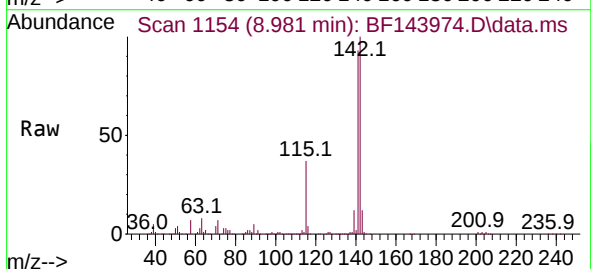
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

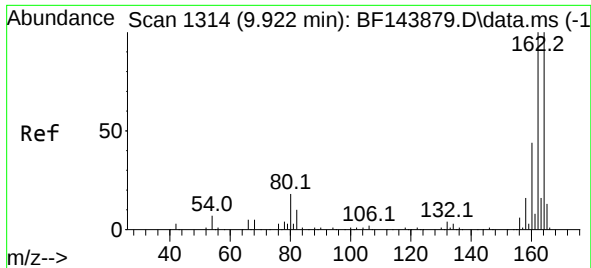
Tgt Ion:142 Resp: 580231
Ion Ratio Lower Upper
142 100
141 86.9 69.2 103.8



#38
1-Methylnaphthalene
Concen: 35.639 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Tgt Ion:142 Resp: 541987
Ion Ratio Lower Upper
142 100
141 92.7 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1314

Delta R.T. 0.001 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

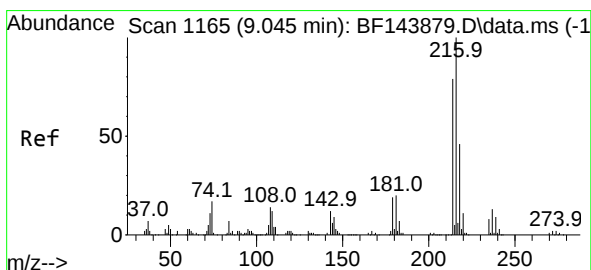
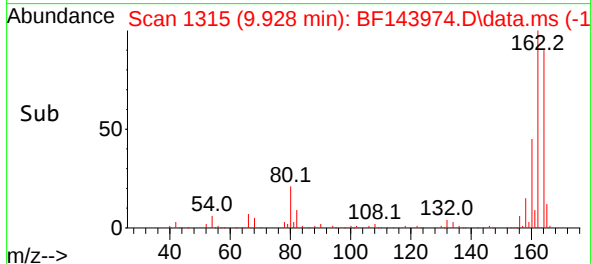
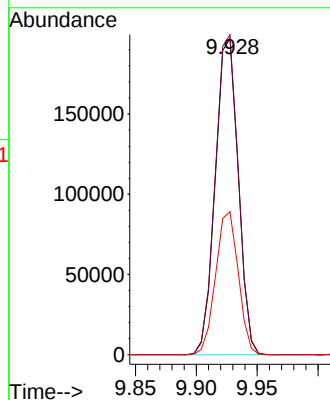
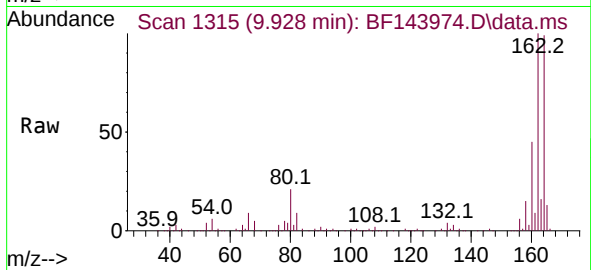
Tgt Ion:164 Resp: 257486

Ion Ratio Lower Upper

164 100

162 101.3 80.2 120.2

160 45.3 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.592 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

Tgt Ion:216 Resp: 303111

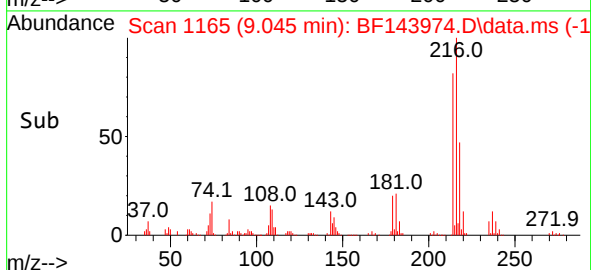
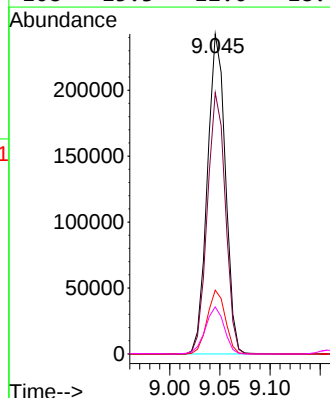
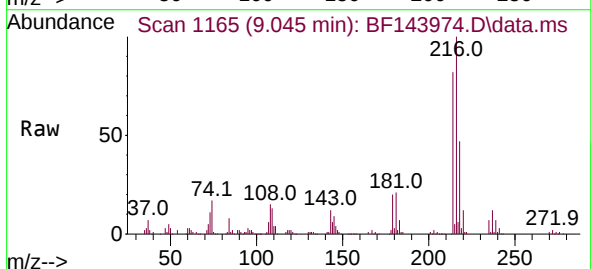
Ion Ratio Lower Upper

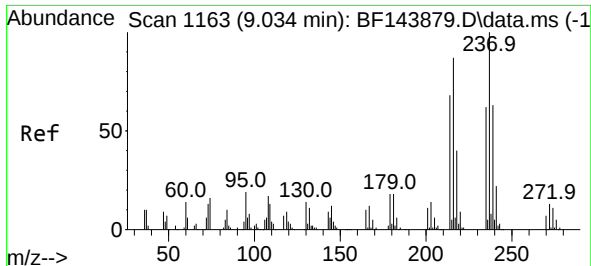
216 100

214 81.5 62.6 94.0

179 19.8 15.4 23.0

108 15.3 12.0 18.0

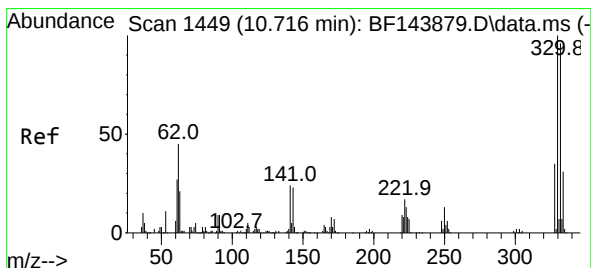
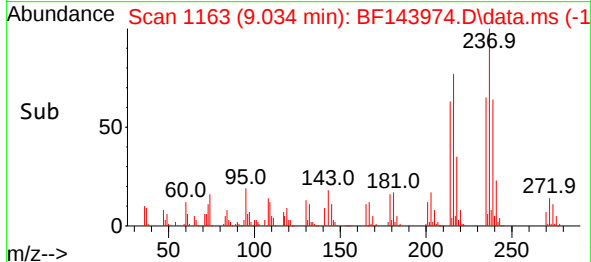
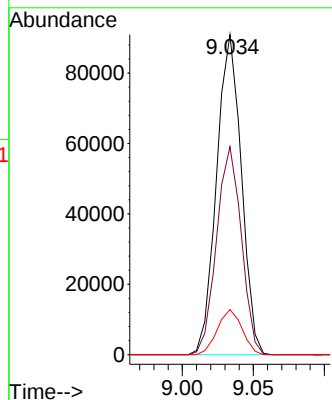
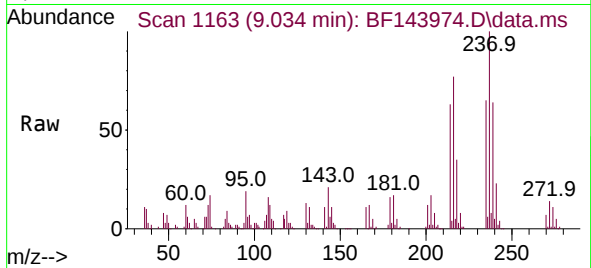




#41
Hexachlorocyclopentadiene
Concen: 37.365 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

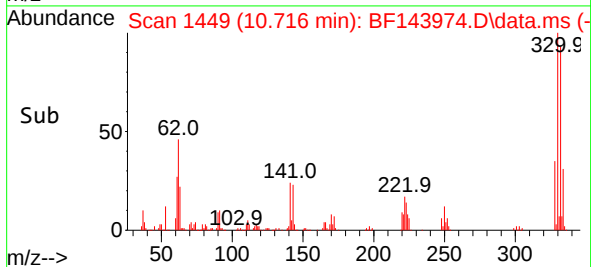
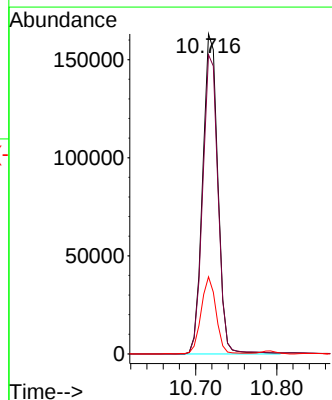
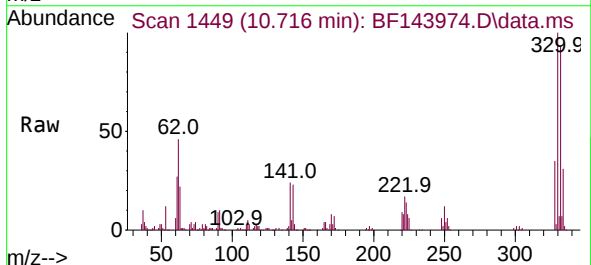
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

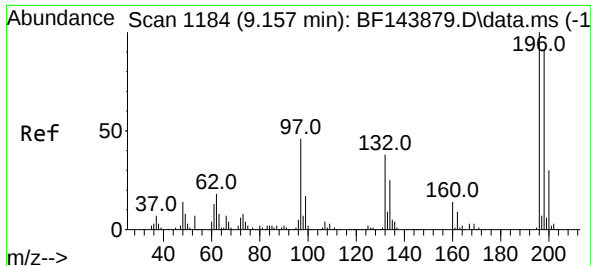
Tgt Ion:237 Resp: 110314
Ion Ratio Lower Upper
237 100
235 65.0 42.3 82.3
272 14.1 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 82.876 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Tgt Ion:330 Resp: 212544
Ion Ratio Lower Upper
330 100
332 94.4 76.9 115.3
141 23.7 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 43.068 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

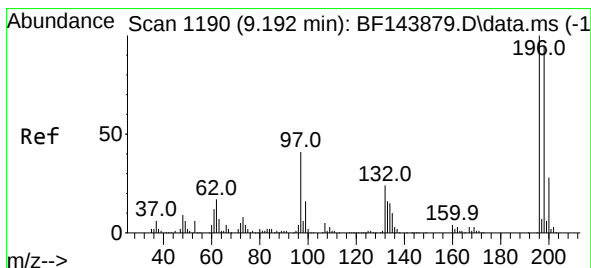
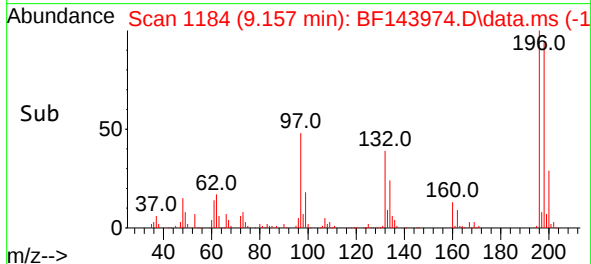
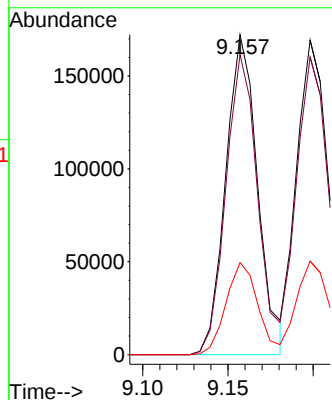
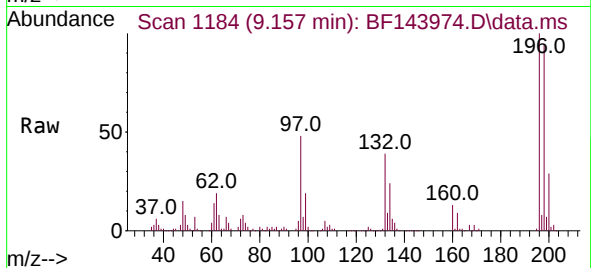
Tgt Ion:196 Resp: 223945

Ion Ratio Lower Upper

196 100

198 93.8 72.8 109.2

200 28.7 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 41.205 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

Tgt Ion:196 Resp: 226419

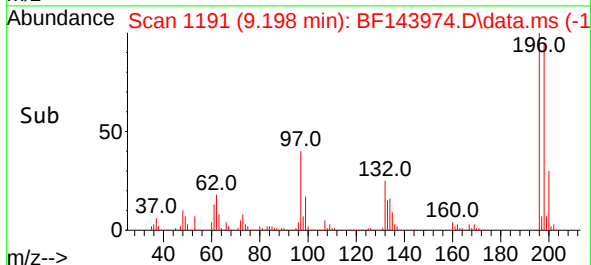
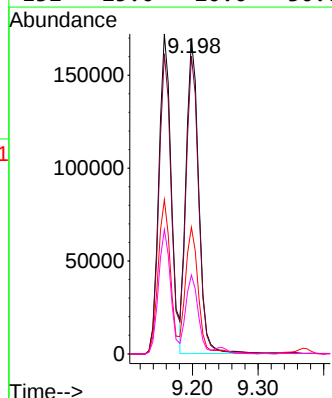
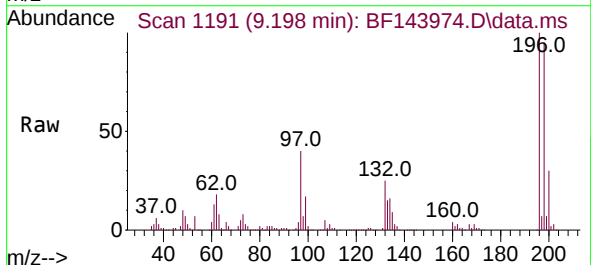
Ion Ratio Lower Upper

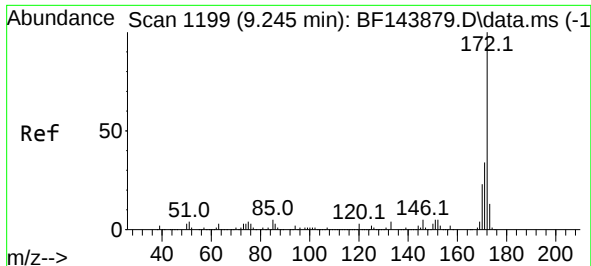
196 100

198 94.7 75.5 113.3

97 40.3 33.9 50.9

132 25.0 20.0 30.0

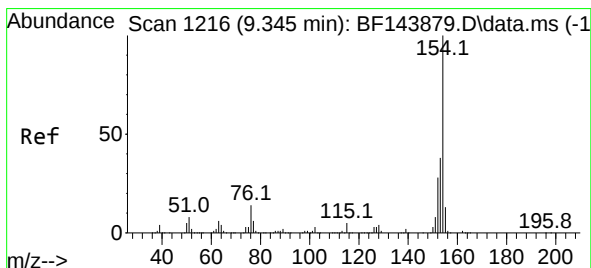
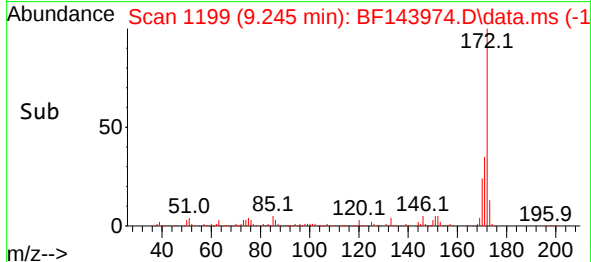
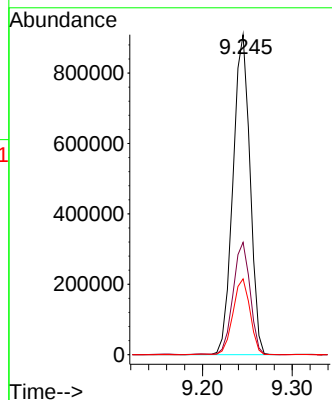
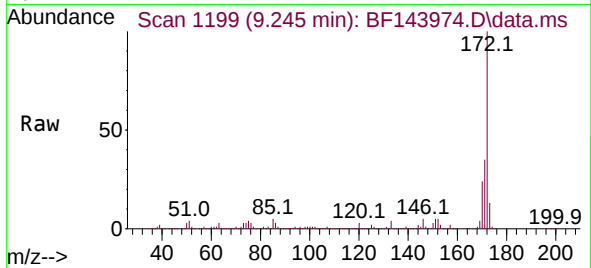




#45
2-Fluorobiphenyl
Concen: 74.235 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

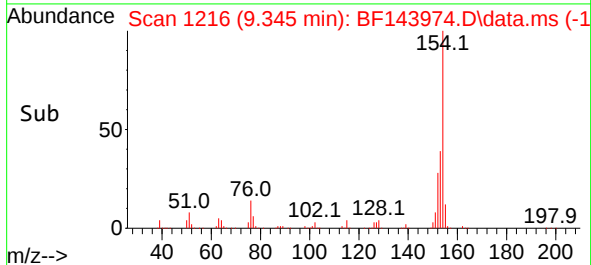
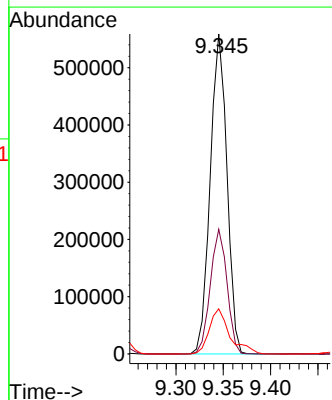
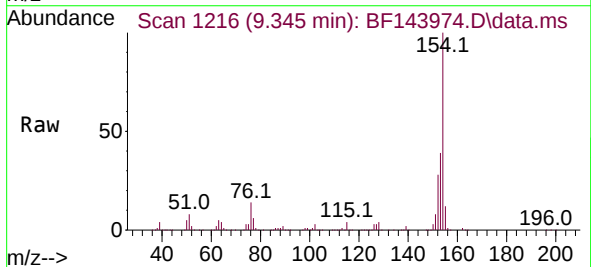
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

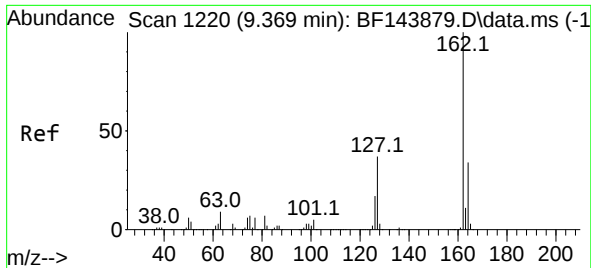
Tgt Ion:172 Resp: 1204634
Ion Ratio Lower Upper
172 100
171 35.1 27.4 41.0
170 23.7 18.6 28.0



#46
1,1'-Biphenyl
Concen: 40.330 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Tgt Ion:154 Resp: 687536
Ion Ratio Lower Upper
154 100
153 38.9 18.4 58.4
76 14.1 0.0 34.0

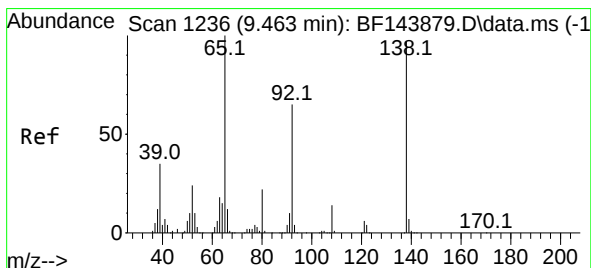
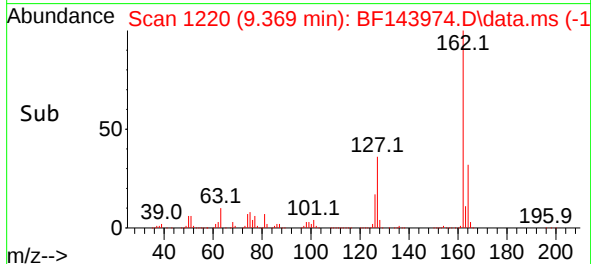
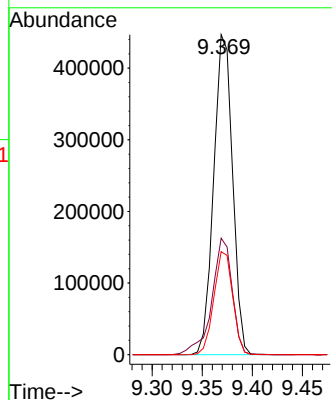
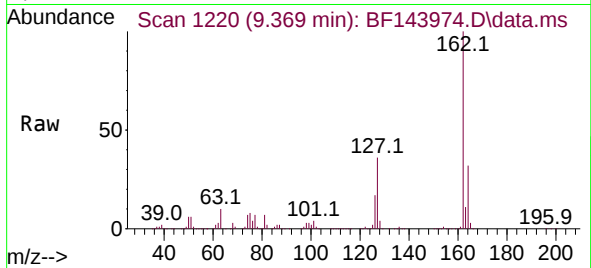




#47
2-Chloronaphthalene
Concen: 41.185 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

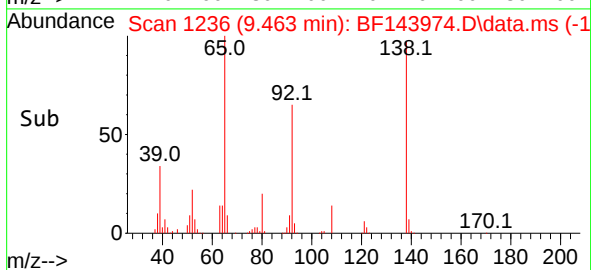
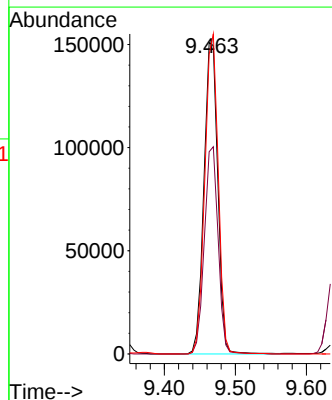
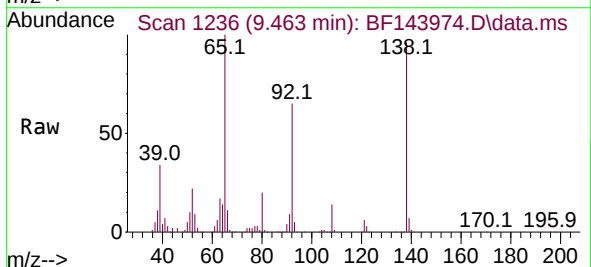
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

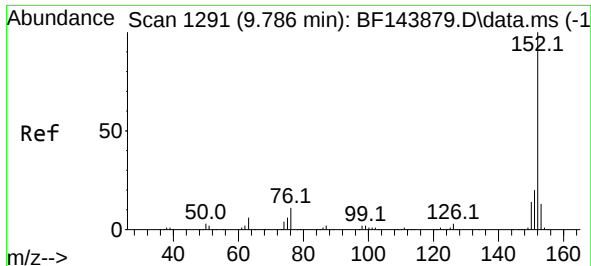
Tgt Ion:162 Resp: 585397
Ion Ratio Lower Upper
162 100
127 36.4 30.2 45.2
164 32.2 26.9 40.3



#48
2-Nitroaniline
Concen: 45.372 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Tgt Ion: 65 Resp: 203892
Ion Ratio Lower Upper
65 100
92 64.9 52.1 78.1
138 96.2 77.4 116.2





#49

Acenaphthylene

Concen: 40.298 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

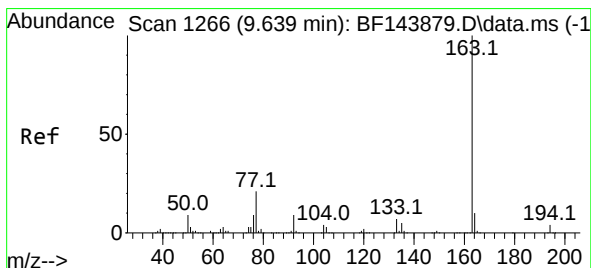
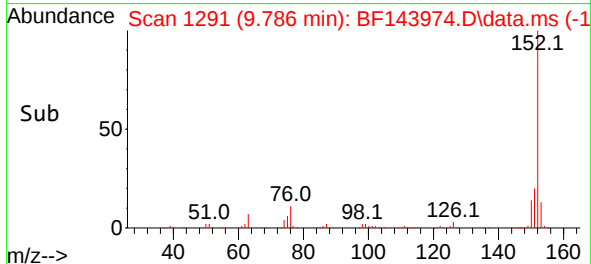
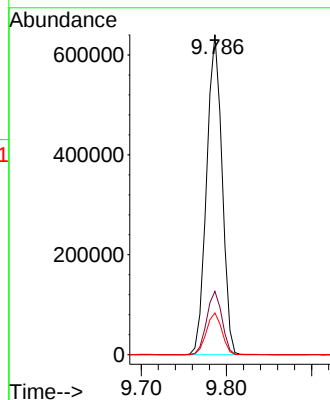
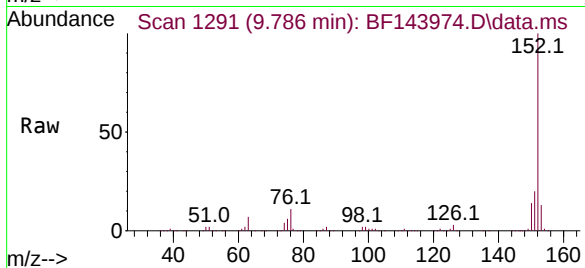
Tgt Ion:152 Resp: 805251

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 40.639 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

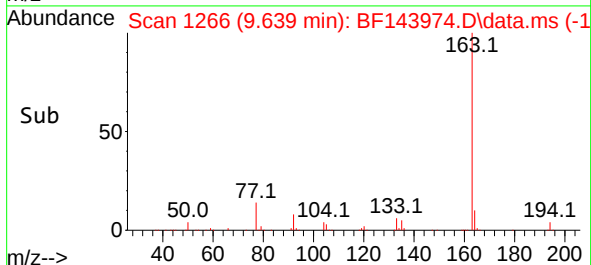
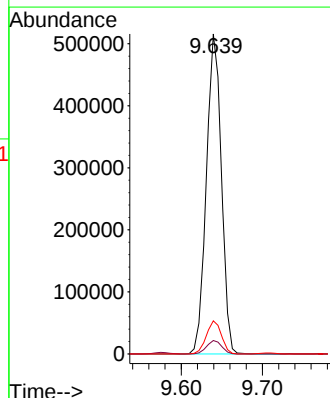
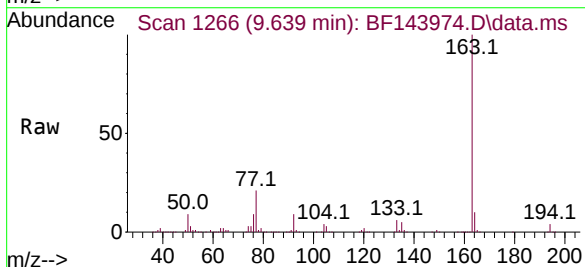
Tgt Ion:163 Resp: 664508

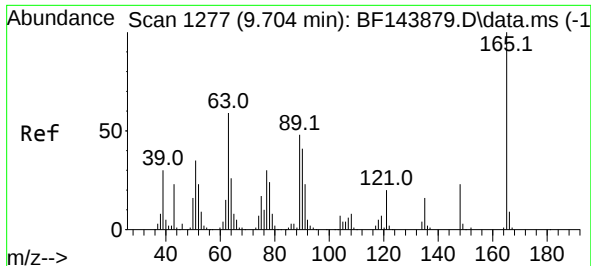
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.3 8.1 12.1

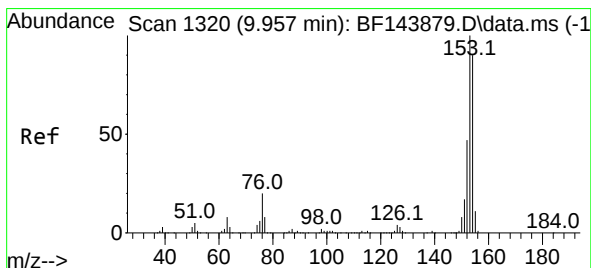
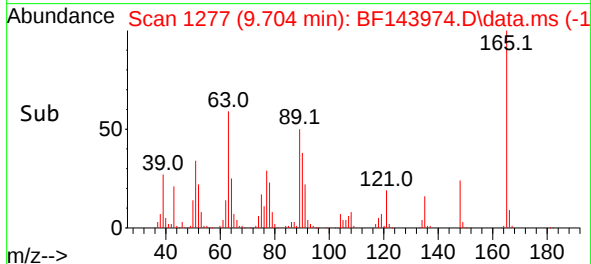
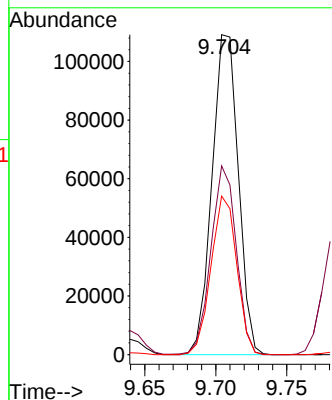
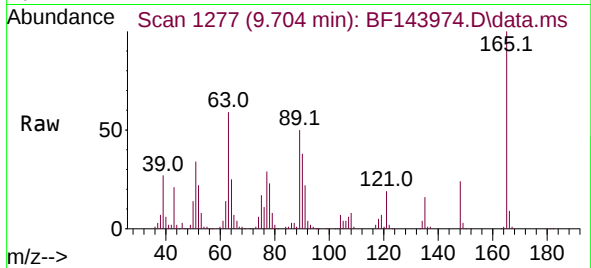




#51
2,6-Dinitrotoluene
Concen: 46.439 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

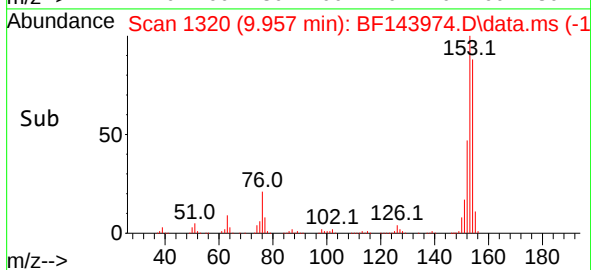
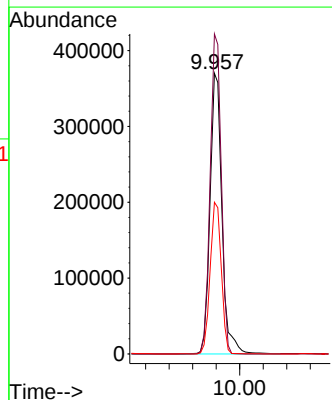
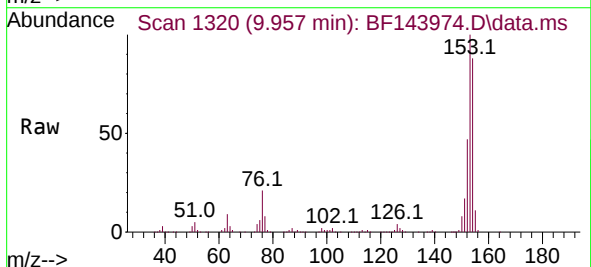
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

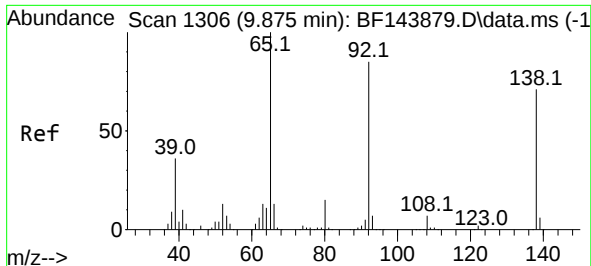
Tgt Ion:165 Resp: 140806
Ion Ratio Lower Upper
165 100
63 59.0 47.3 70.9
89 49.5 38.2 57.4



#52
Acenaphthene
Concen: 39.687 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Tgt Ion:154 Resp: 519654
Ion Ratio Lower Upper
154 100
153 114.1 89.3 133.9
152 54.1 42.2 63.2

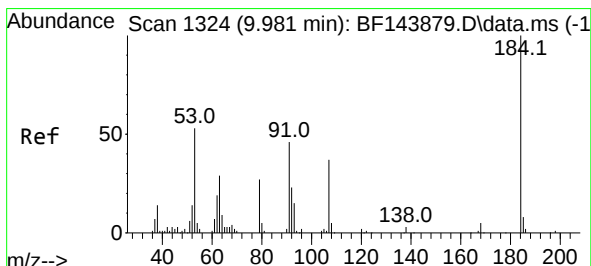
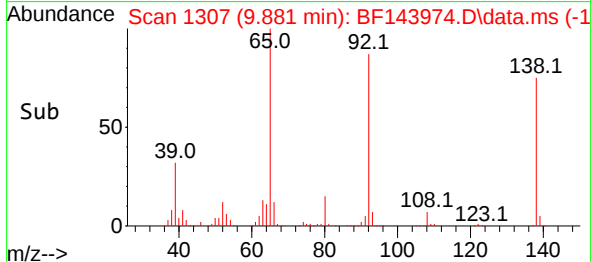
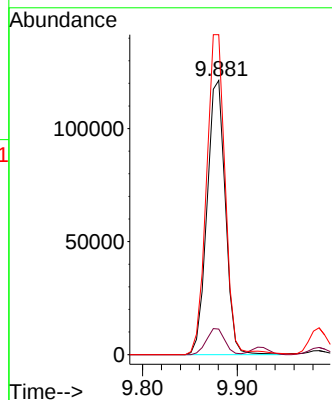
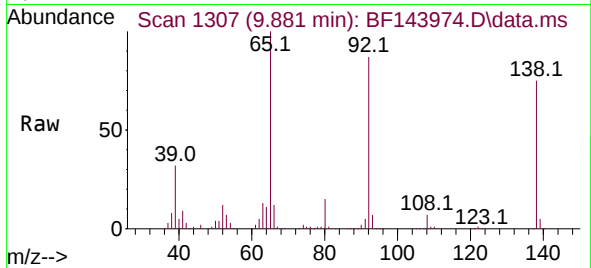




#53
3-Nitroaniline
Concen: 43.883 ng
RT: 9.881 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

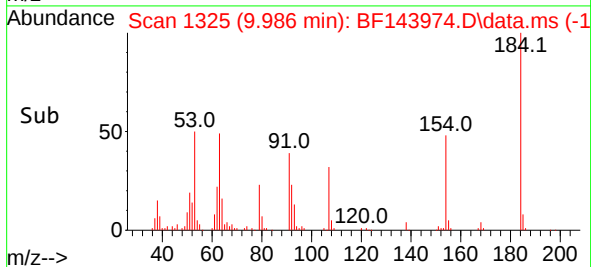
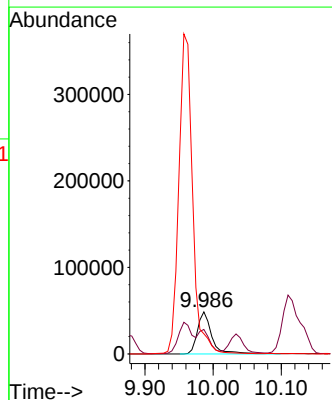
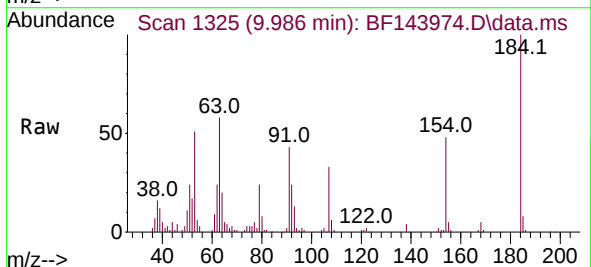
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

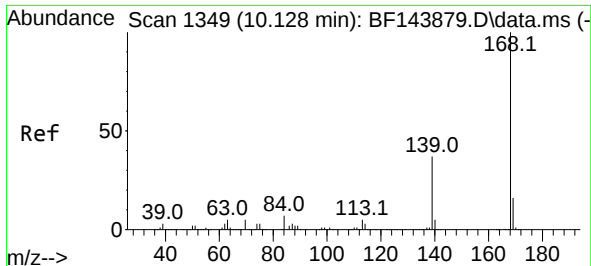
Tgt Ion:138 Resp: 162922
Ion Ratio Lower Upper
138 100
108 9.3 8.3 12.5
92 116.7 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 41.424 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Tgt Ion:184 Resp: 70620
Ion Ratio Lower Upper
184 100
63 58.0 48.2 72.4
154 47.9 49.2 73.8





#55

Dibenzenofuran

Concen: 39.900 ng

RT: 10.133 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

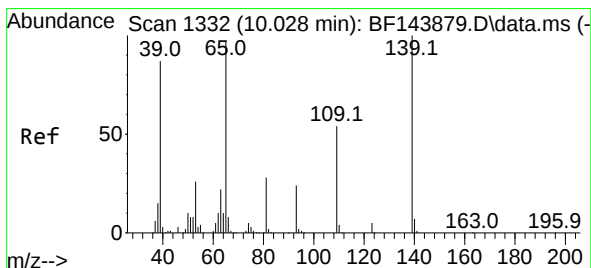
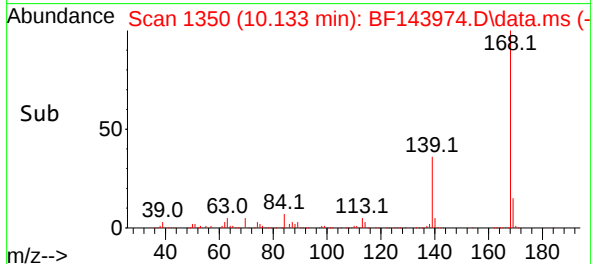
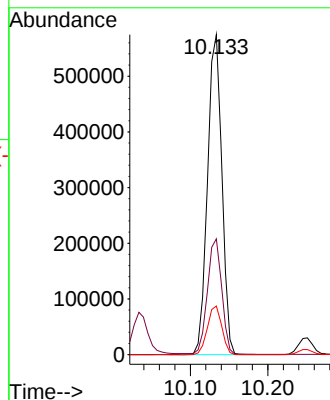
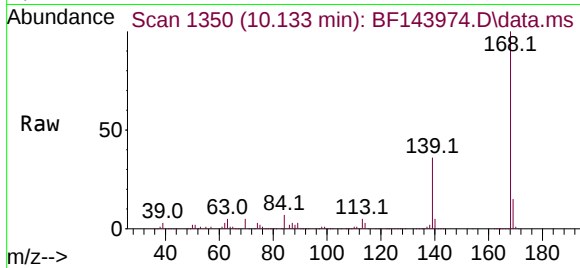
Tgt Ion:168 Resp: 737486

Ion Ratio Lower Upper

168 100

139 36.2 29.8 44.8

169 15.2 12.8 19.2



#56

4-Nitrophenol

Concen: 38.176 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

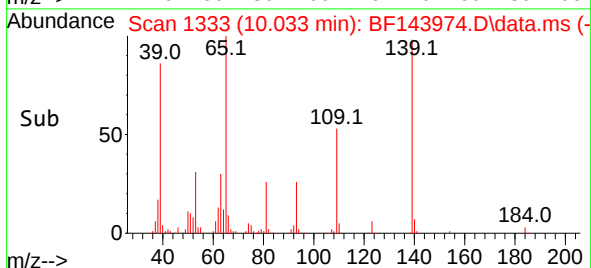
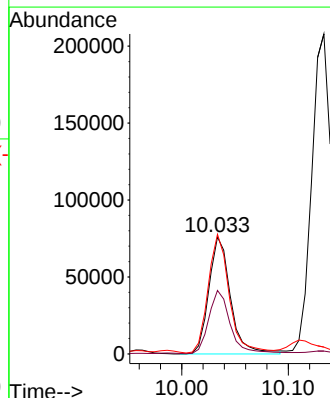
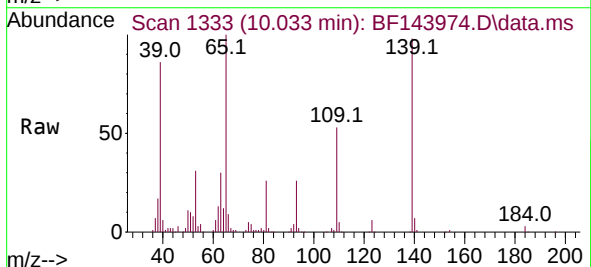
Tgt Ion:139 Resp: 107316

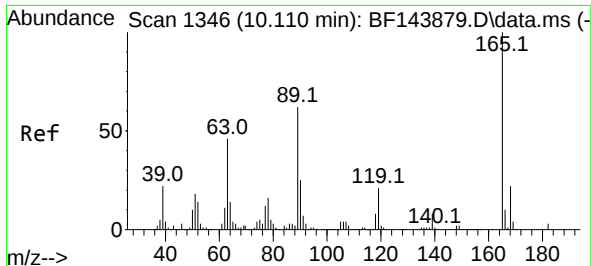
Ion Ratio Lower Upper

139 100

109 54.2 34.5 74.5

65 102.2 77.6 117.6

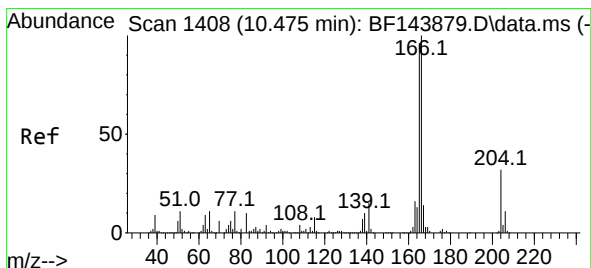
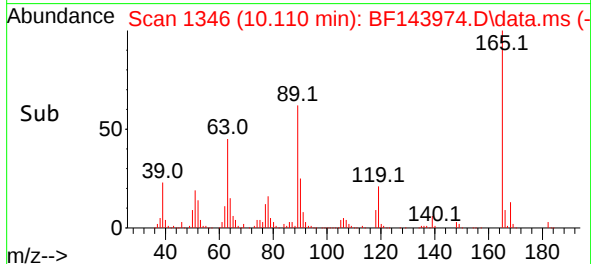
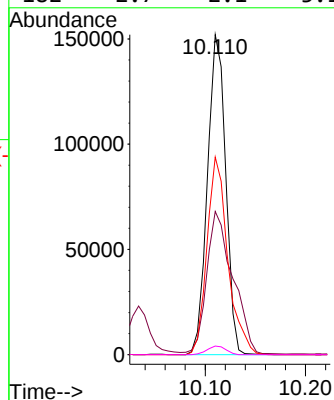
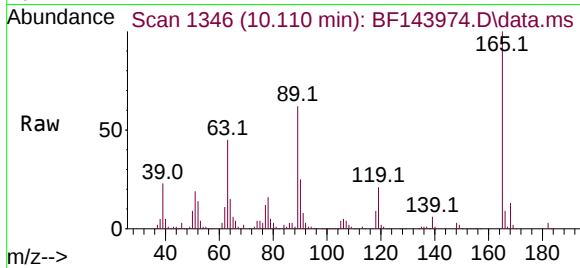




#57
2,4-Dinitrotoluene
Concen: 46.507 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

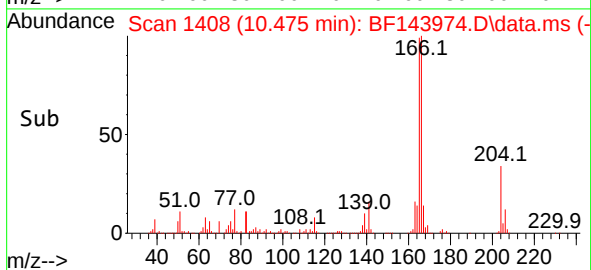
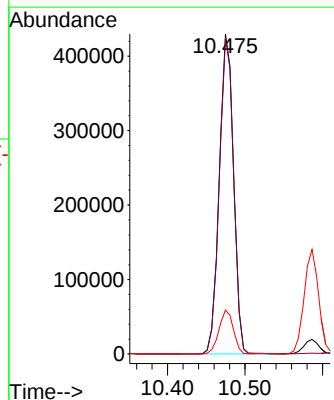
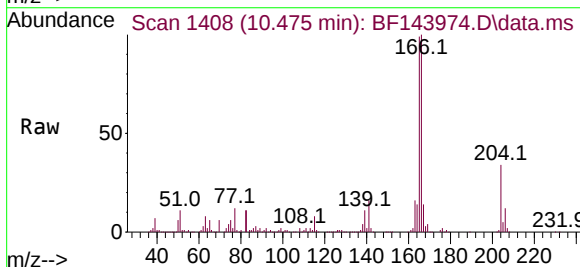
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

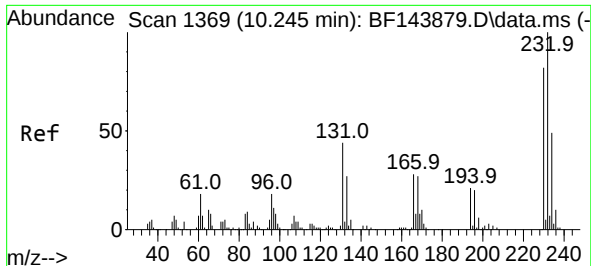
Tgt Ion:165 Resp: 191863
Ion Ratio Lower Upper
165 100
63 44.7 37.2 55.8
89 61.7 49.4 74.2
182 2.7 2.1 3.1



#58
Fluorene
Concen: 39.368 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Tgt Ion:166 Resp: 549056
Ion Ratio Lower Upper
166 100
165 98.8 77.0 115.6
167 13.7 11.1 16.7

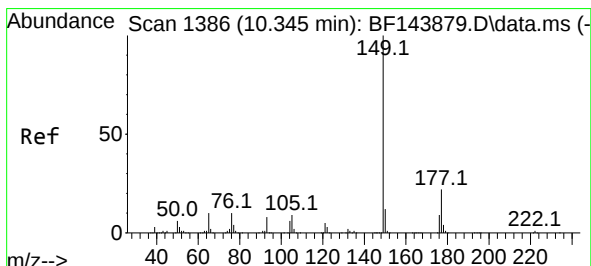
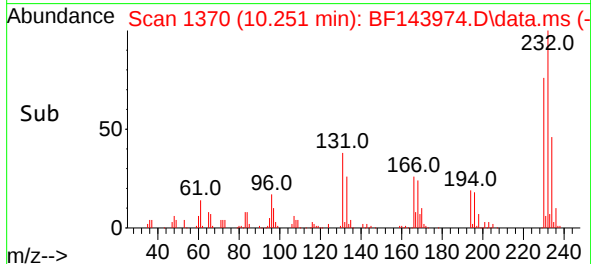
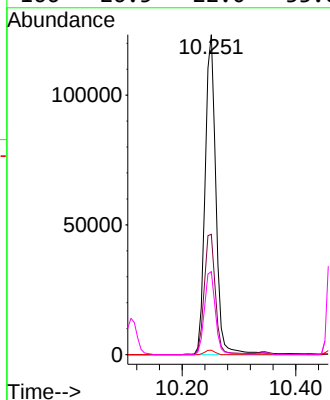
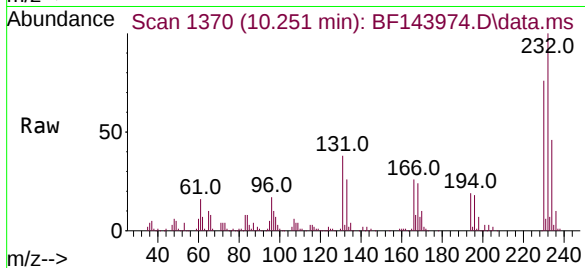




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.168 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

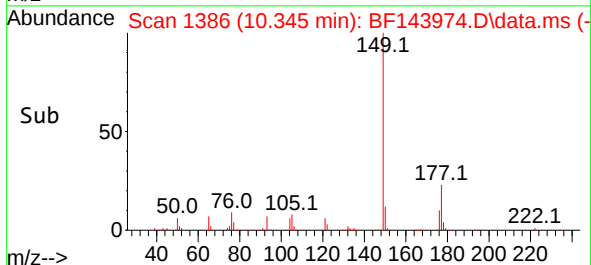
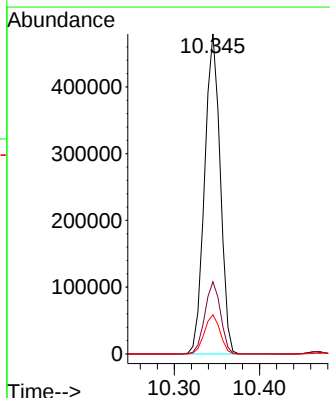
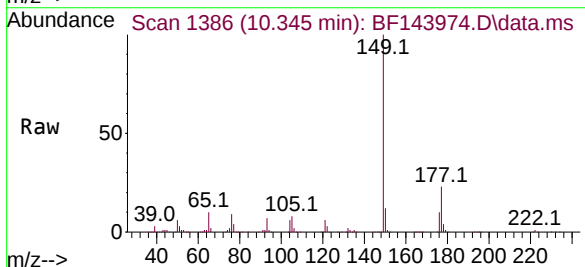
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

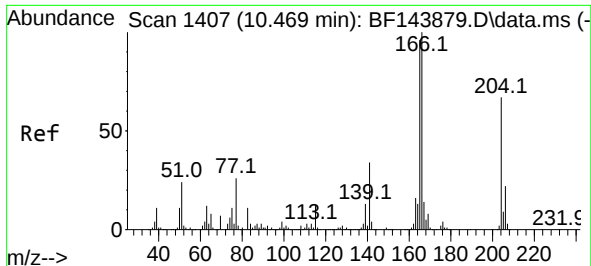
Tgt Ion:232 Resp: 164021
Ion Ratio Lower Upper
232 100
131 38.9 34.9 52.3
130 1.3 1.6 2.4#
166 26.5 22.0 33.0



#60
Diethylphthalate
Concen: 40.146 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Tgt Ion:149 Resp: 609840
Ion Ratio Lower Upper
149 100
177 22.5 17.9 26.9
150 12.2 9.8 14.8

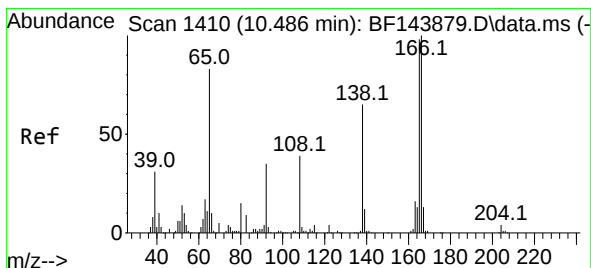
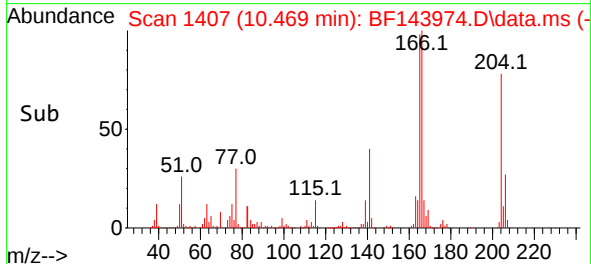
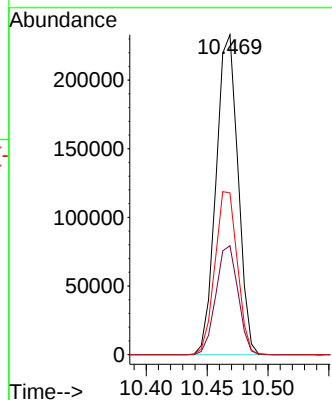
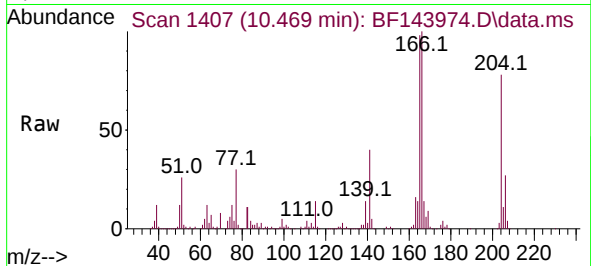




#61
4-Chlorophenyl-phenylether
Concen: 39.647 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

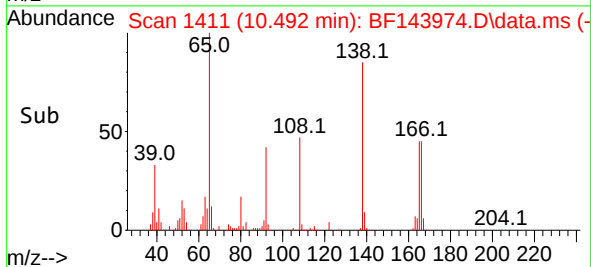
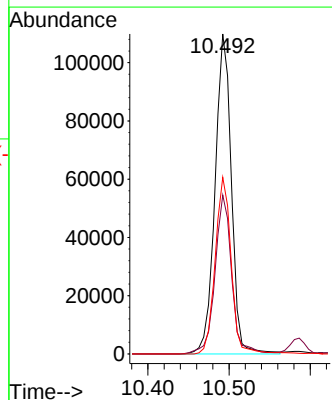
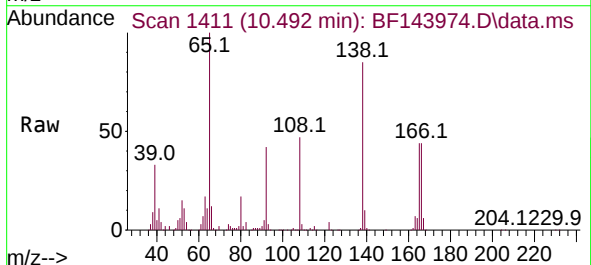
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

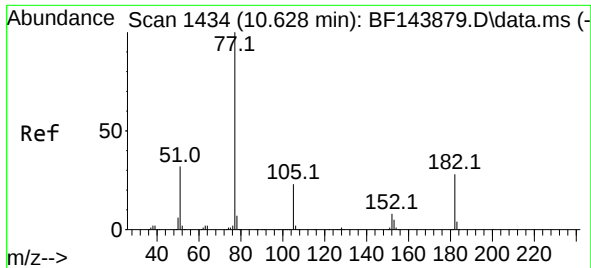
Tgt Ion:204 Resp: 292346
Ion Ratio Lower Upper
204 100
206 34.0 26.6 40.0
141 50.5 40.4 60.6



#62
4-Nitroaniline
Concen: 42.994 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Tgt Ion:138 Resp: 153494
Ion Ratio Lower Upper
138 100
92 49.6 33.9 73.9
108 55.2 40.2 80.2

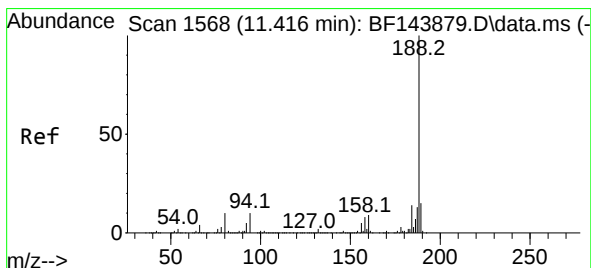
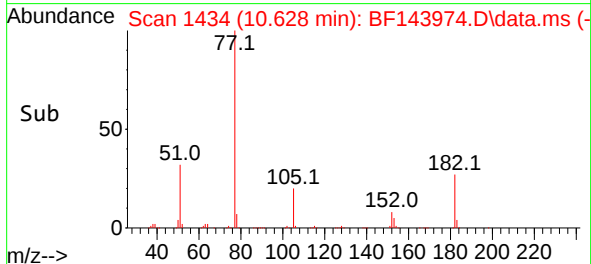
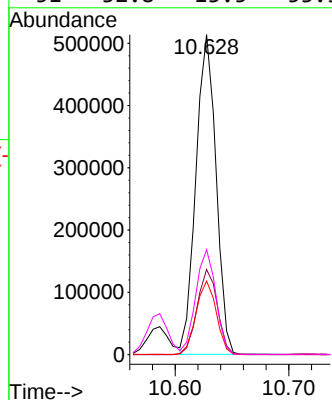
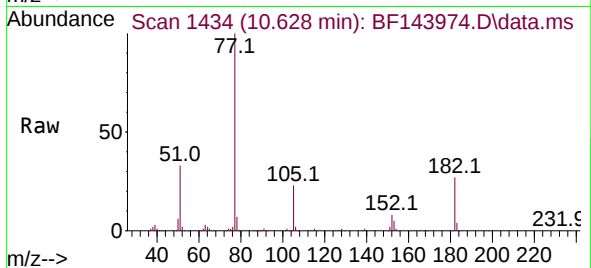




#63
Azobenzene
Concen: 39.739 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

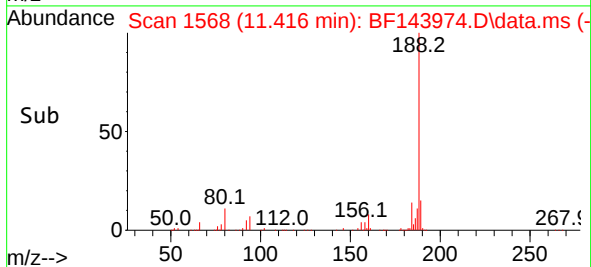
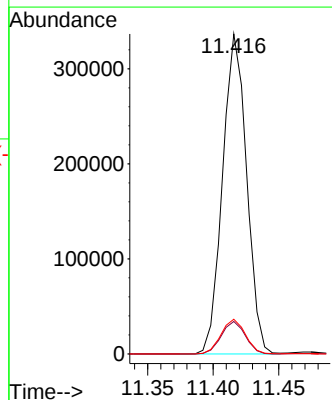
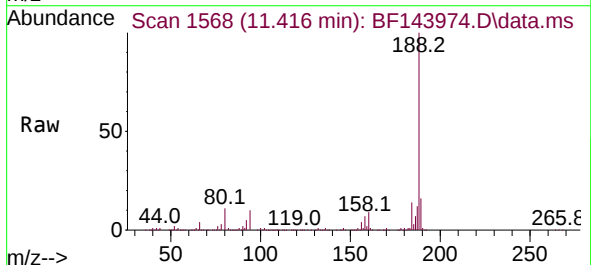
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

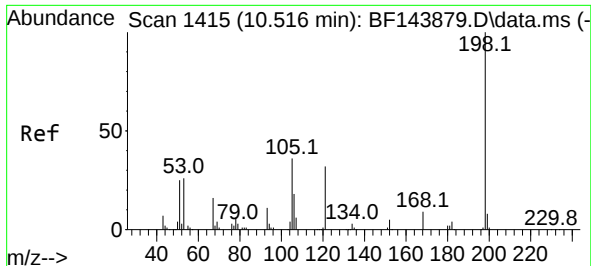
Tgt Ion:	77	Resp:	630902
Ion	Ratio	Lower	Upper
77	100		
182	26.6	7.3	47.3
105	23.0	3.0	43.0
51	32.8	13.5	53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Tgt Ion:	188	Resp:	430751
Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.8	11.6
80	10.9	7.9	11.9

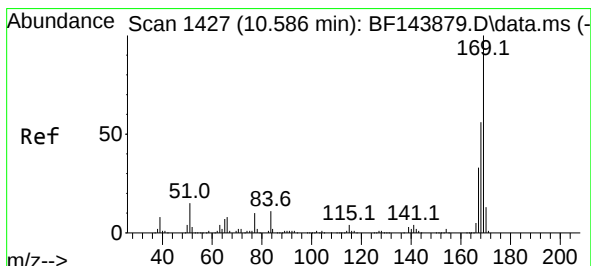
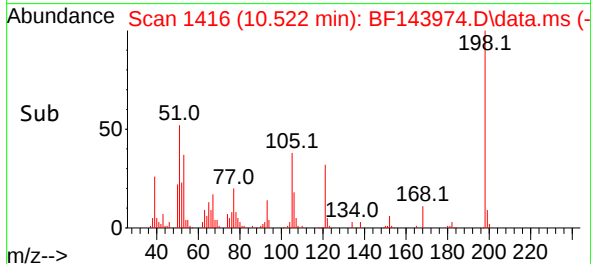
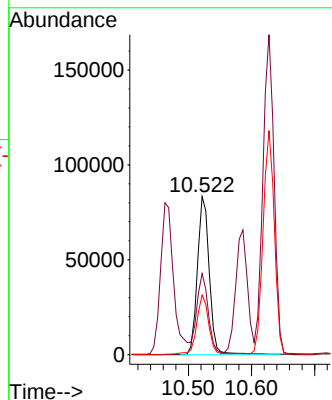
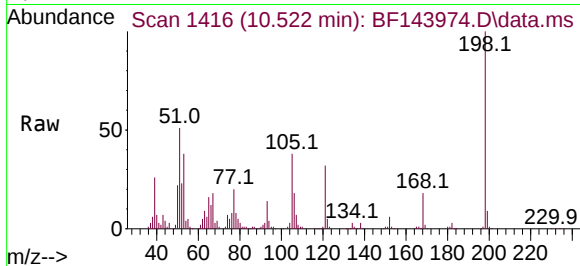




#65
4,6-Dinitro-2-methylphenol
Concen: 50.339 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

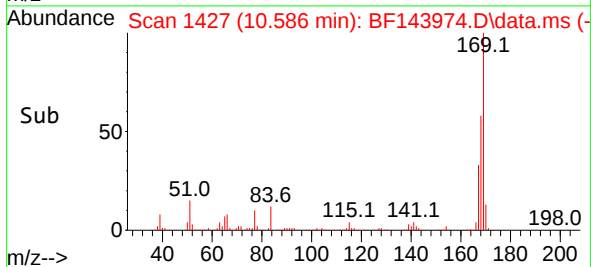
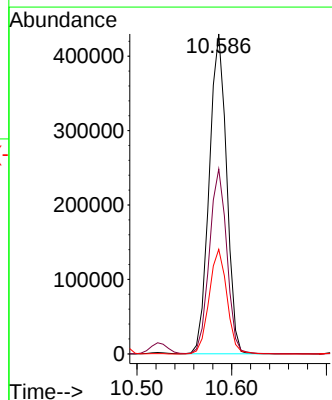
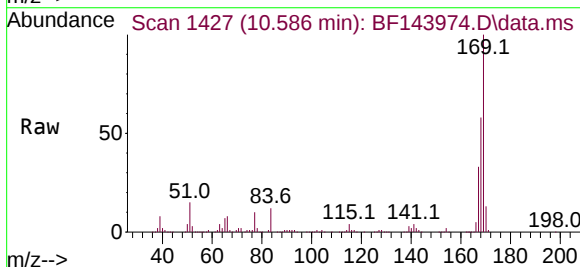
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

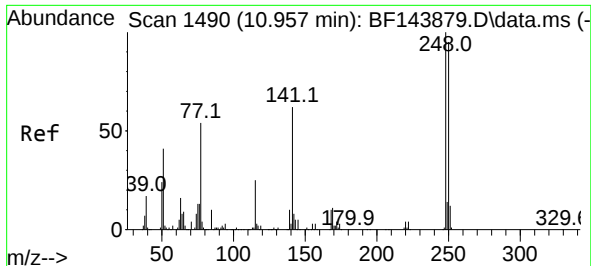
Tgt Ion:198 Resp: 108965
Ion Ratio Lower Upper
198 100
51 51.2 33.8 73.8
105 37.7 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 40.480 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Tgt Ion:169 Resp: 547504
Ion Ratio Lower Upper
169 100
168 57.8 44.9 67.3
167 32.7 26.3 39.5

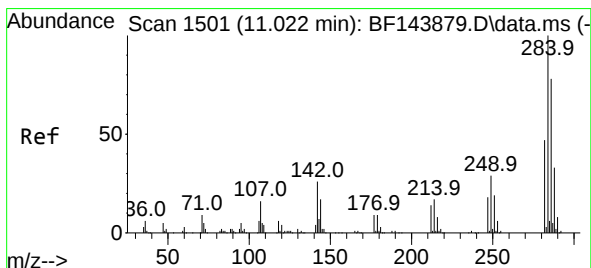
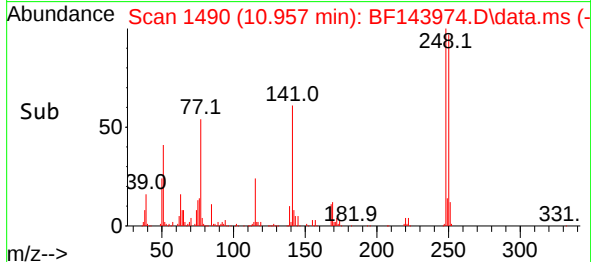
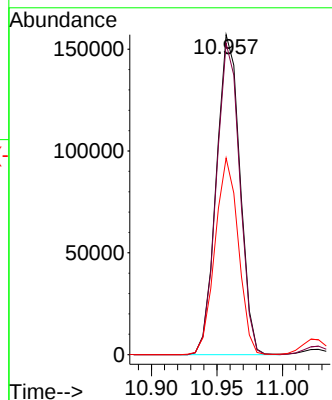
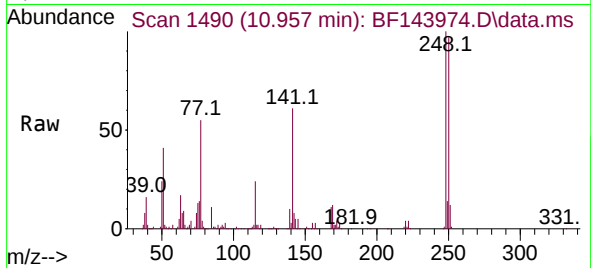




#67
4-Bromophenyl-phenylether
Concen: 41.346 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

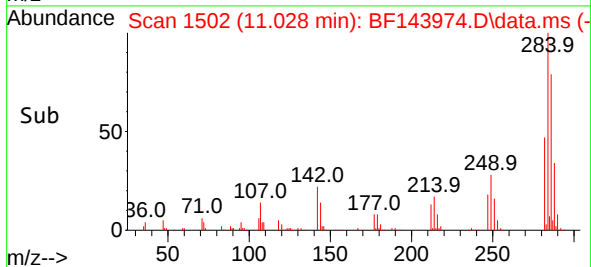
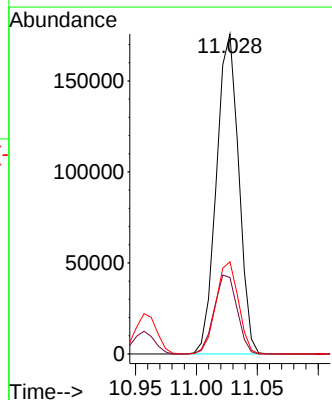
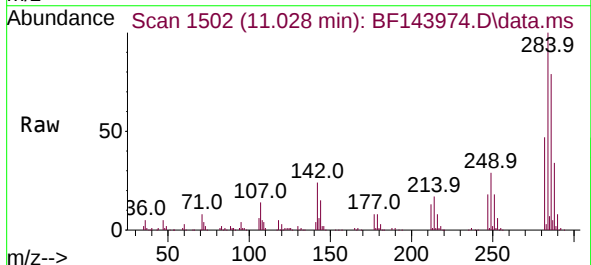
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

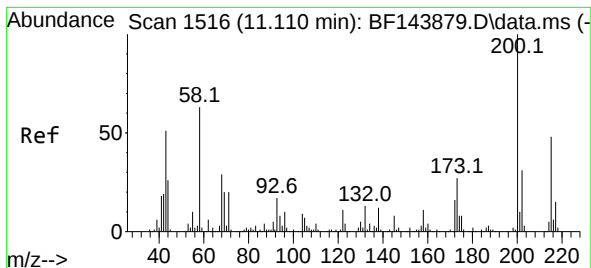
Tgt Ion:248 Resp: 196827
Ion Ratio Lower Upper
248 100
250 97.3 76.3 114.5
141 61.4 49.7 74.5



#68
Hexachlorobenzene
Concen: 40.511 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Tgt Ion:284 Resp: 223266
Ion Ratio Lower Upper
284 100
142 23.9 20.6 30.8
249 28.8 23.2 34.8





#69

Atrazine

Concen: 39.981 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

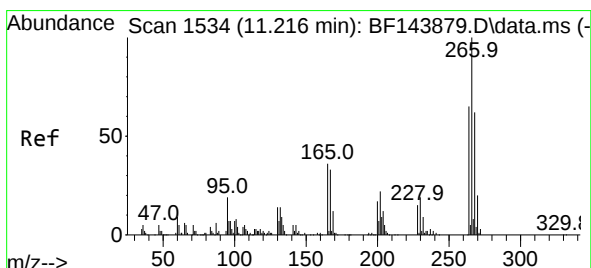
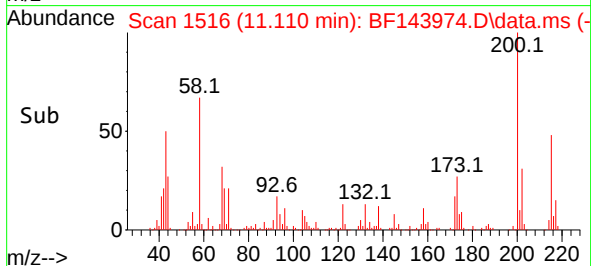
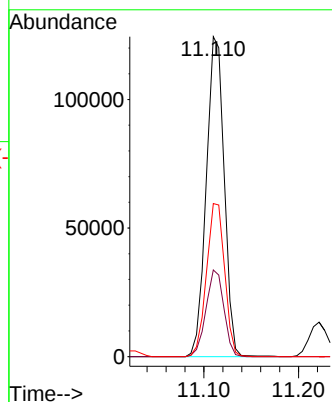
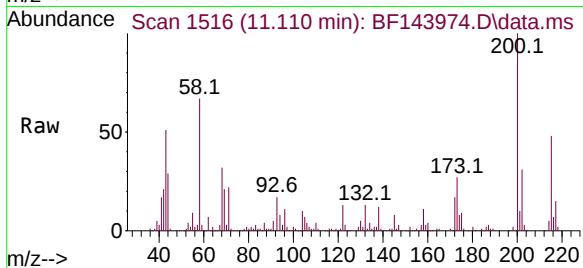
Tgt Ion:200 Resp: 163899

Ion Ratio Lower Upper

200 100

173 27.1 7.0 47.0

215 47.8 27.8 67.8



#70

Pentachlorophenol

Concen: 37.539 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

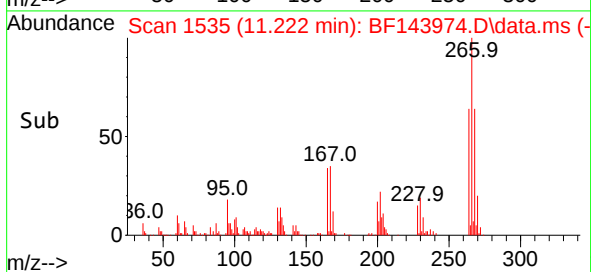
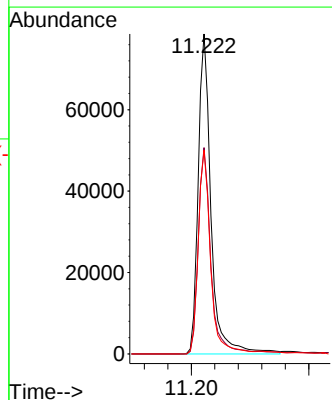
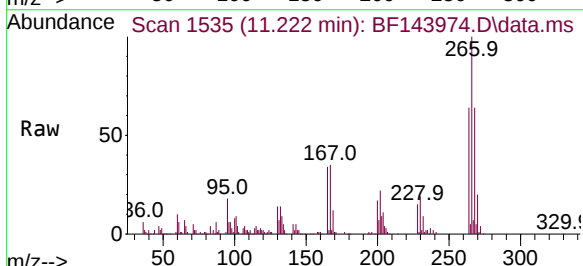
Tgt Ion:266 Resp: 118820

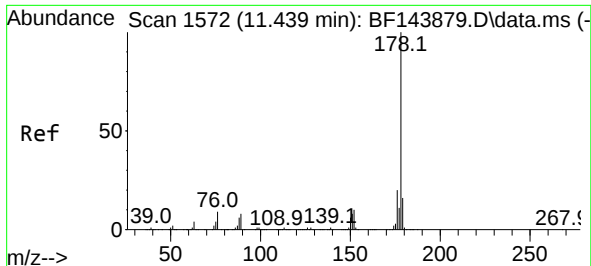
Ion Ratio Lower Upper

266 100

268 64.5 49.4 74.0

264 63.7 51.8 77.6

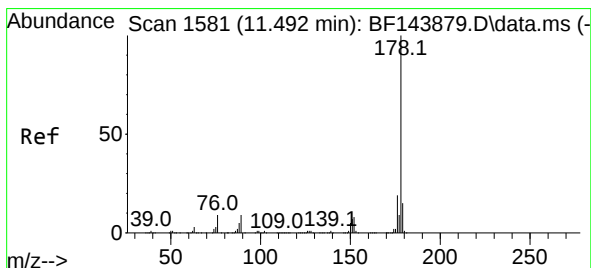
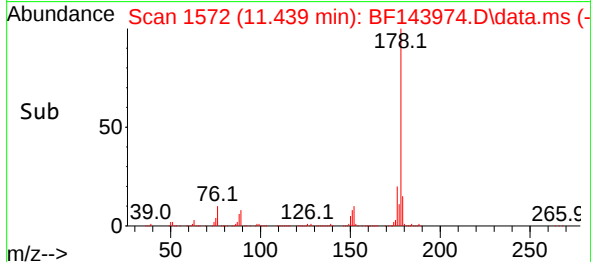
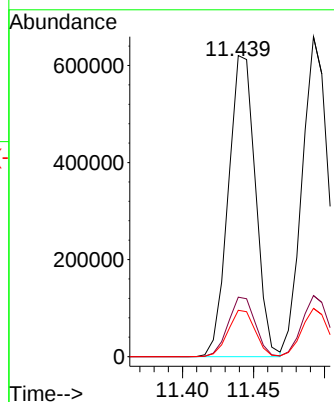
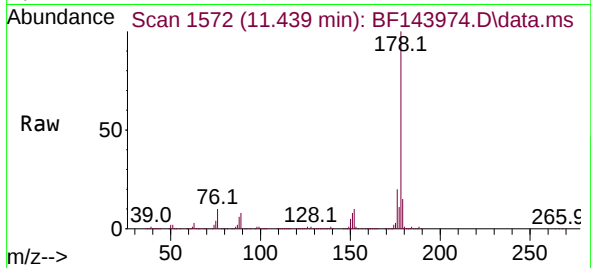




#71
Phenanthrene
Concen: 39.444 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

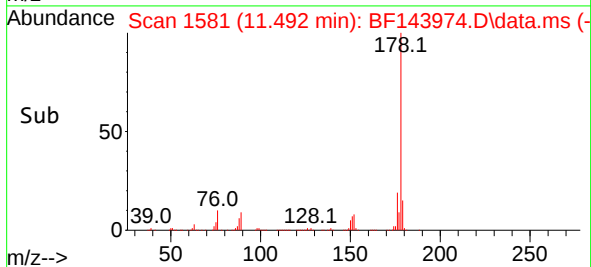
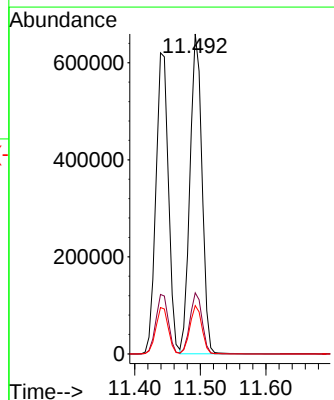
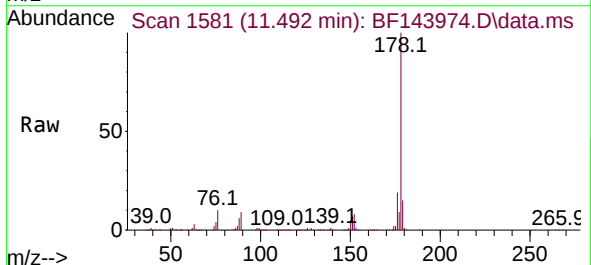
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

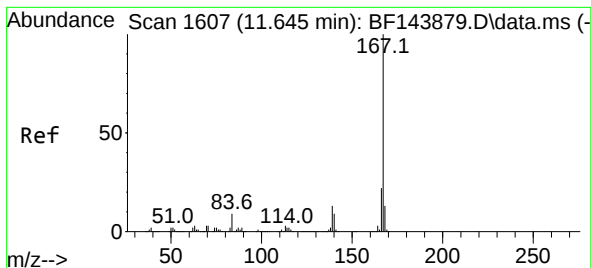
Tgt Ion:178 Resp: 823701
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.4 12.4 18.6



#72
Anthracene
Concen: 39.973 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Tgt Ion:178 Resp: 843299
Ion Ratio Lower Upper
178 100
176 19.1 14.9 22.3
179 15.1 12.2 18.2





#73

Carbazole

Concen: 39.637 ng

RT: 11.651 min Scan# 1608

Delta R.T. 0.000 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

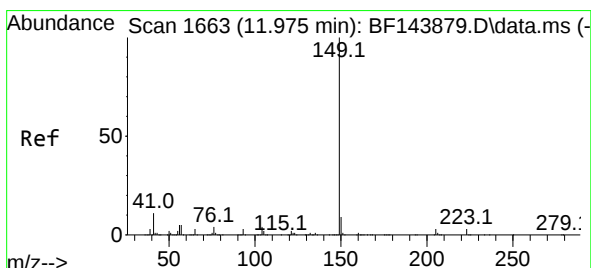
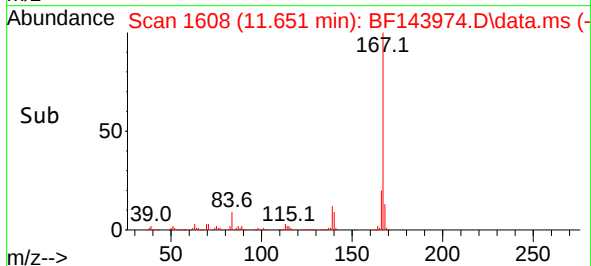
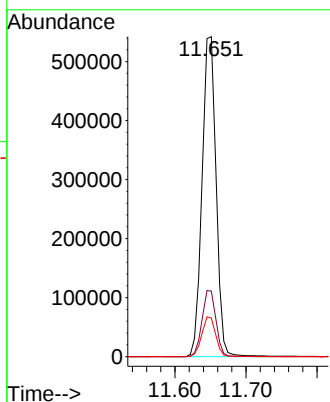
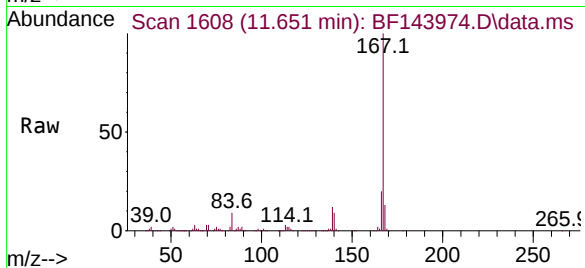
Tgt Ion:167 Resp: 740600

Ion Ratio Lower Upper

167 100

166 20.5 17.2 25.8

139 12.0 10.1 15.1



#74

Di-n-butylphthalate

Concen: 41.344 ng

RT: 11.975 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

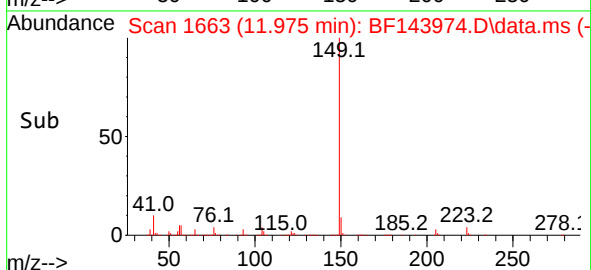
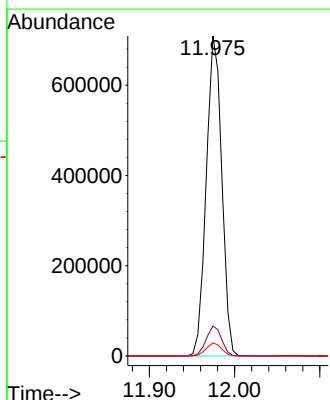
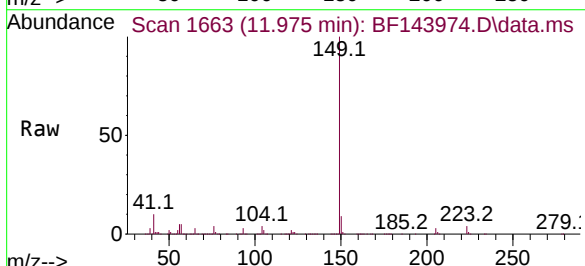
Tgt Ion:149 Resp: 895303

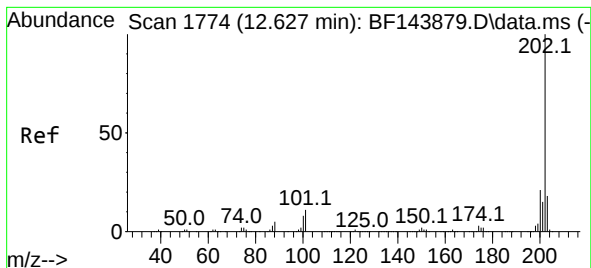
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.0 3.4 5.2





#75

Fluoranthene

Concen: 39.159 ng

RT: 12.633 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

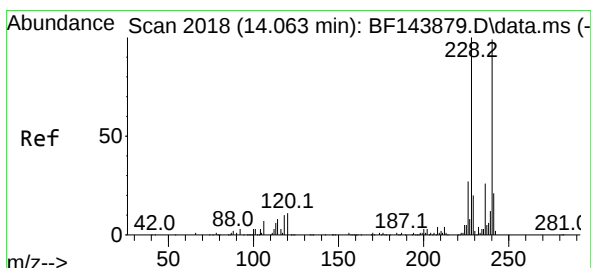
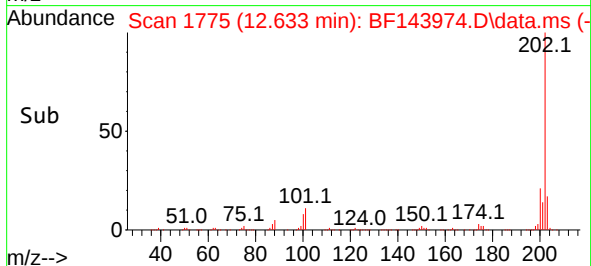
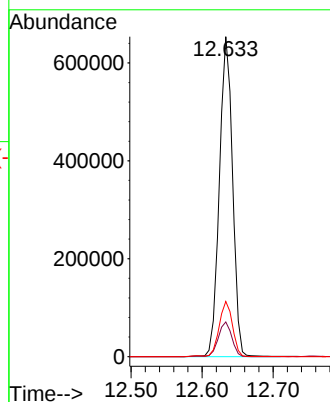
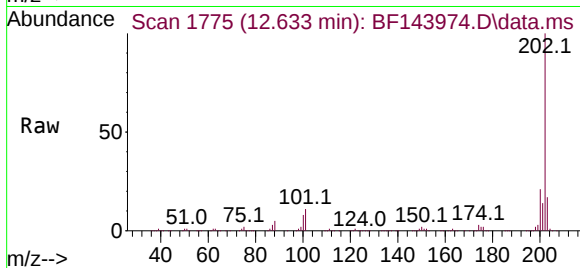
Tgt Ion:202 Resp: 844671

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.7

203 17.2 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2019

Delta R.T. 0.001 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

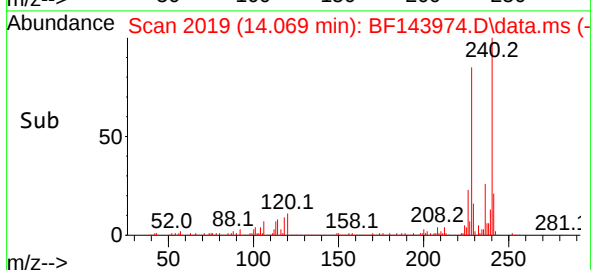
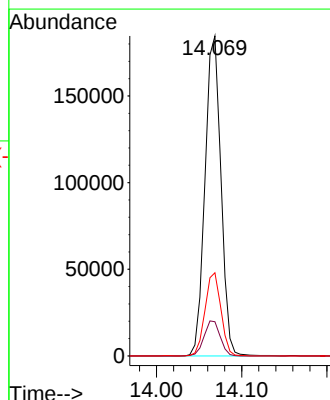
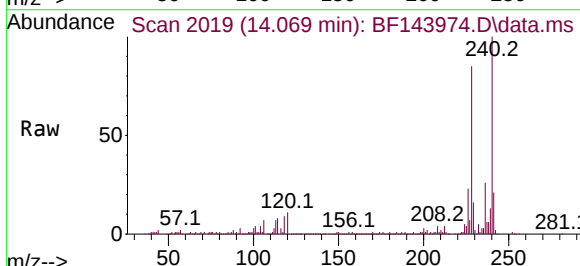
Tgt Ion:240 Resp: 239980

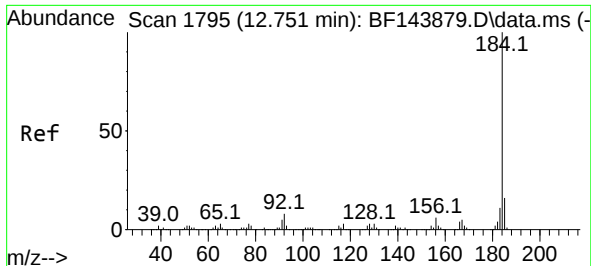
Ion Ratio Lower Upper

240 100

120 10.7 8.6 13.0

236 26.0 21.1 31.7

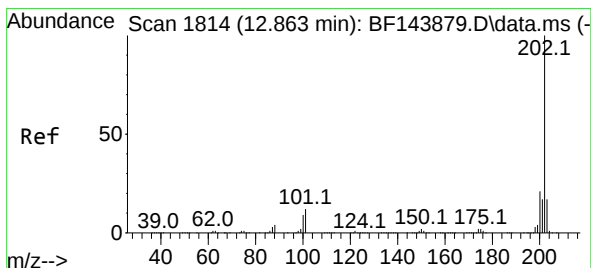
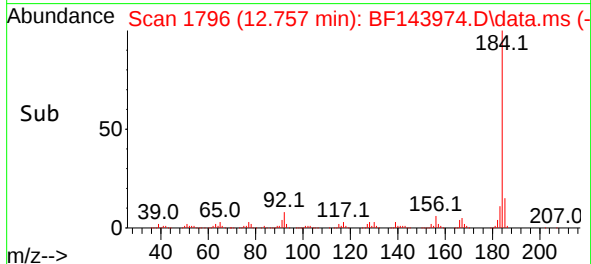
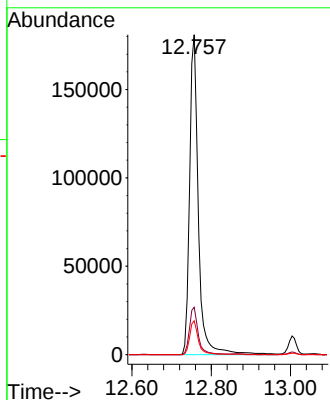
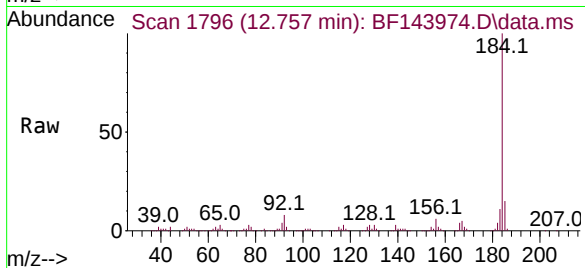




#77
Benzidine
Concen: 33.367 ng
RT: 12.757 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

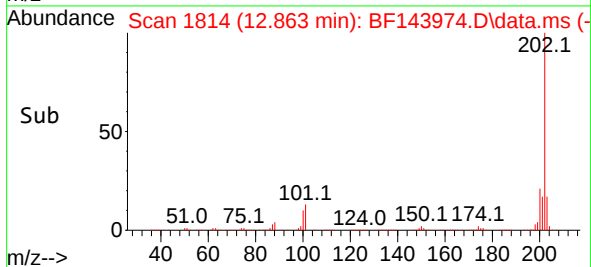
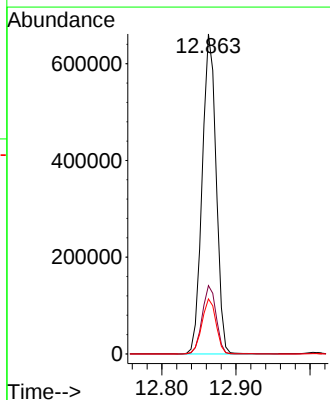
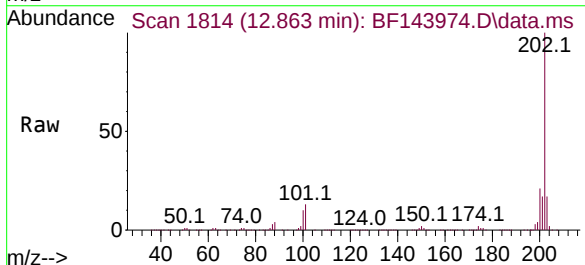
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

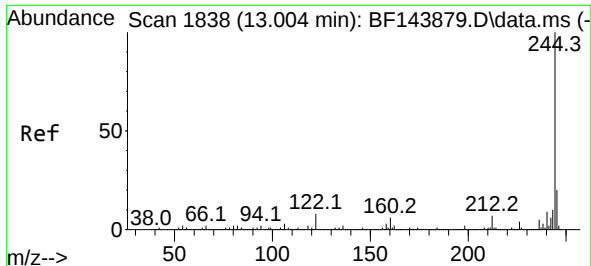
Tgt Ion:184 Resp: 278037
Ion Ratio Lower Upper
184 100
185 14.8 12.6 18.8
183 10.6 8.8 13.2



#78
Pyrene
Concen: 43.208 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Tgt Ion:202 Resp: 864452
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.2 13.8 20.6

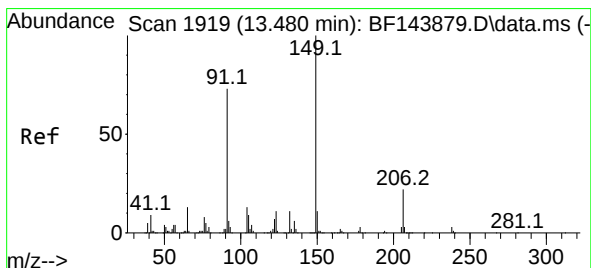
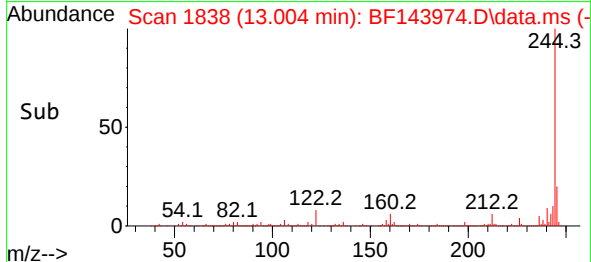
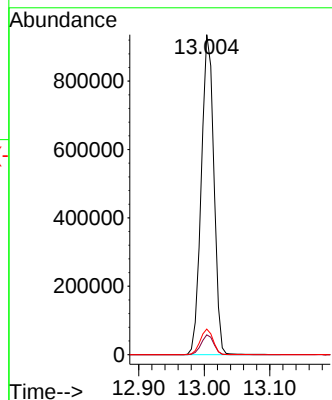
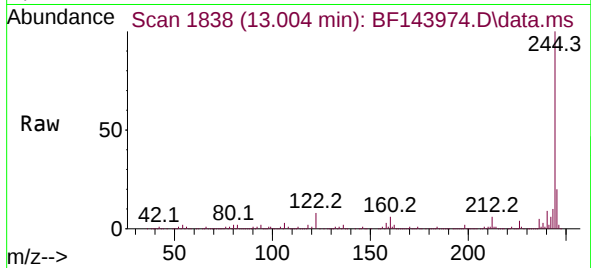




#79
 Terphenyl-d14
 Concen: 88.275 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143974.D
 Acq: 16 Oct 2025 11:02

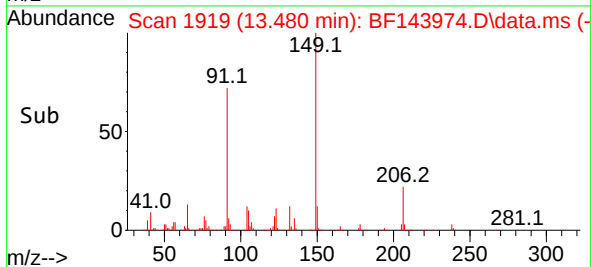
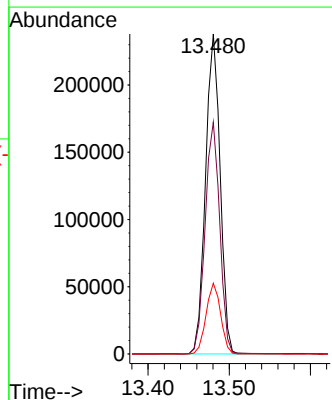
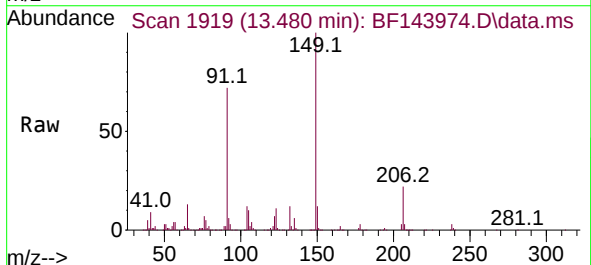
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

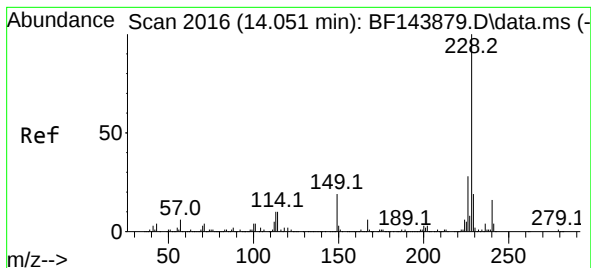
Tgt Ion:244 Resp: 1239509
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 8.0 6.4 9.6



#80
 Butylbenzylphthalate
 Concen: 45.863 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF143974.D
 Acq: 16 Oct 2025 11:02

Tgt Ion:149 Resp: 297999
 Ion Ratio Lower Upper
 149 100
 91 72.4 58.2 87.2
 206 22.1 17.9 26.9





#81

Benzo(a)anthracene

Concen: 43.211 ng

RT: 14.057 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

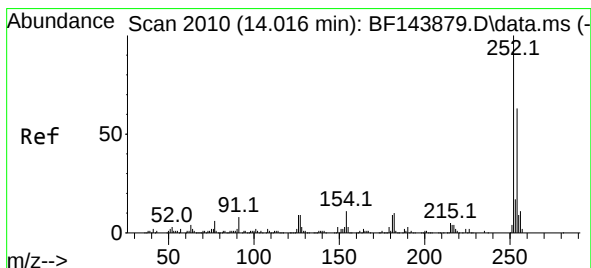
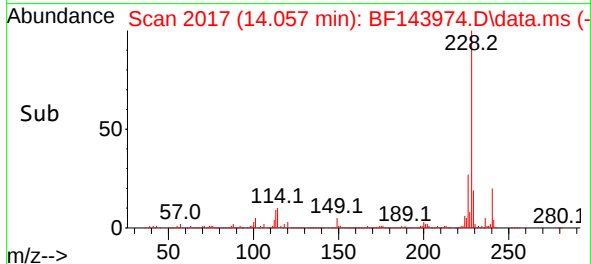
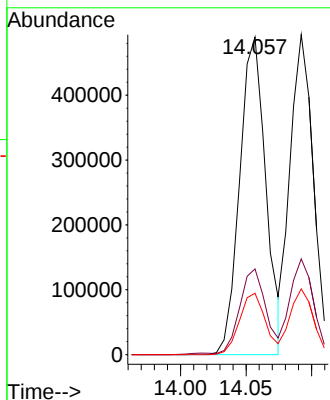
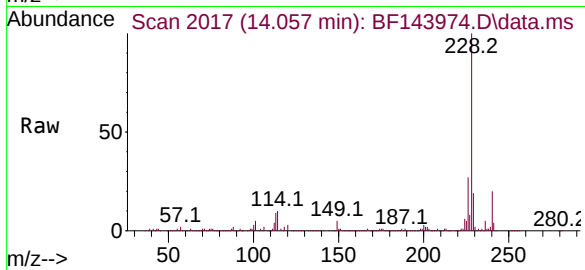
Tgt Ion:228 Resp: 678597

Ion Ratio Lower Upper

228 100

226 27.0 22.2 33.2

229 19.3 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 42.643 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

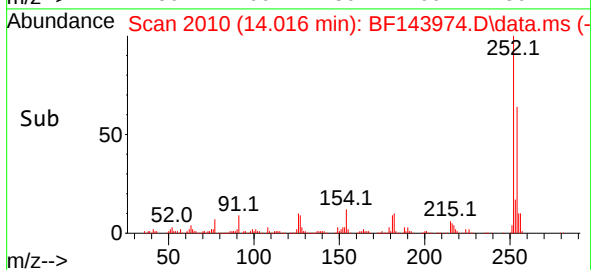
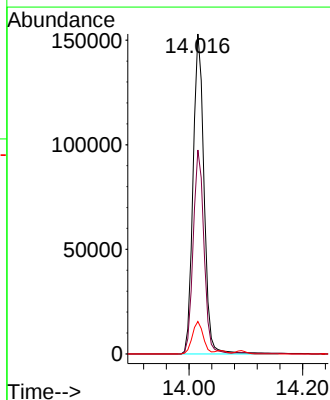
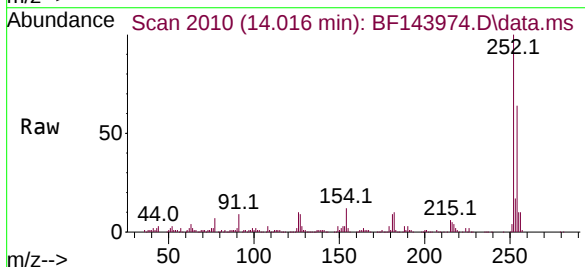
Tgt Ion:252 Resp: 204087

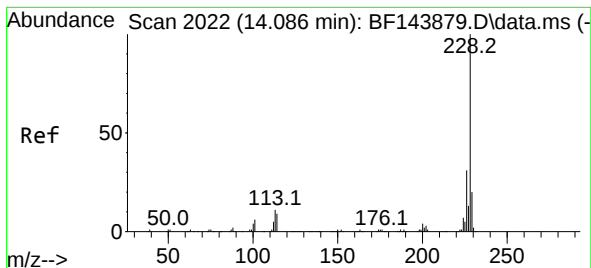
Ion Ratio Lower Upper

252 100

254 63.7 50.6 76.0

126 10.1 7.0 10.6





#83

Chrysene

Concen: 41.949 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

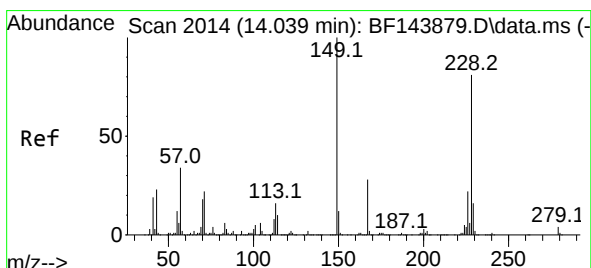
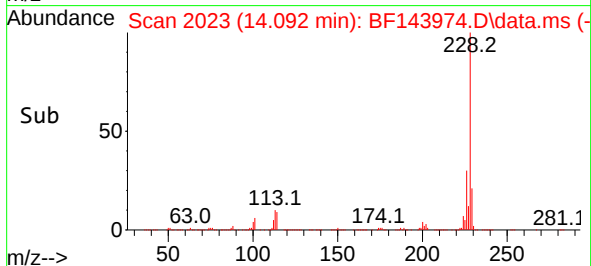
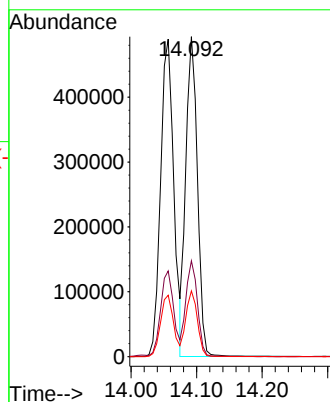
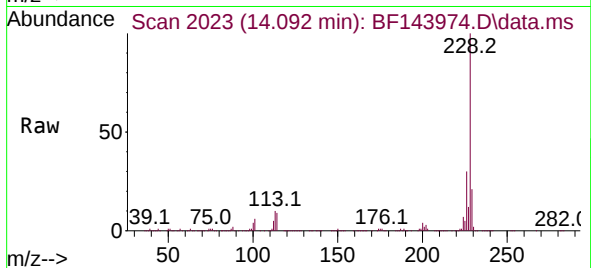
Tgt Ion:228 Resp: 609716

Ion Ratio Lower Upper

228 100

226 29.9 24.4 36.6

229 20.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.306 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

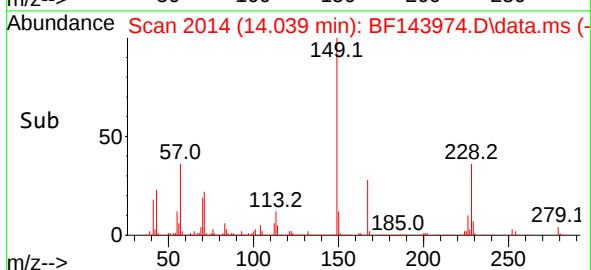
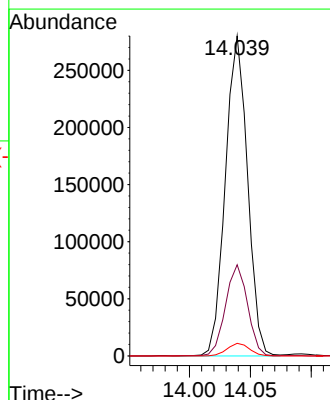
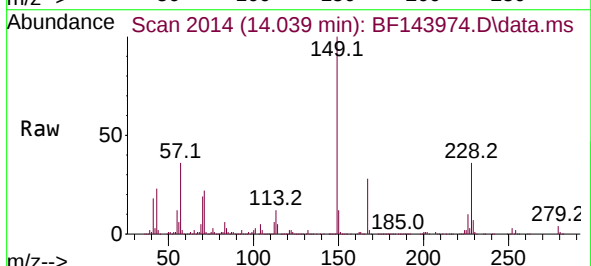
Tgt Ion:149 Resp: 354855

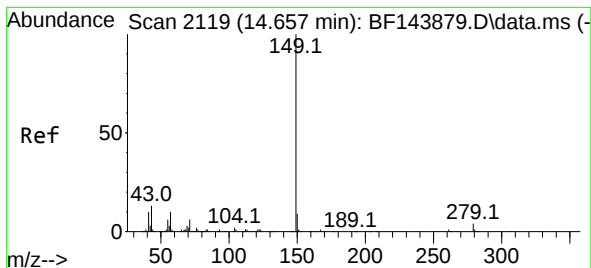
Ion Ratio Lower Upper

149 100

167 28.5 22.2 33.4

279 3.9 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 45.981 ng

RT: 14.657 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

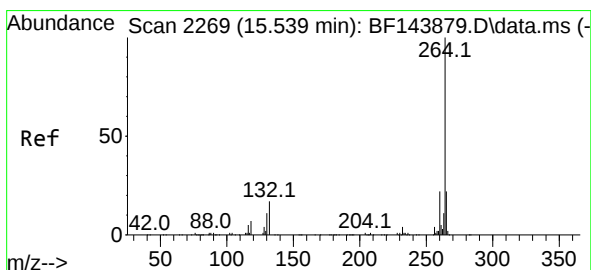
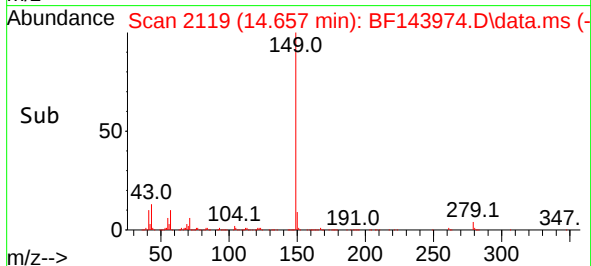
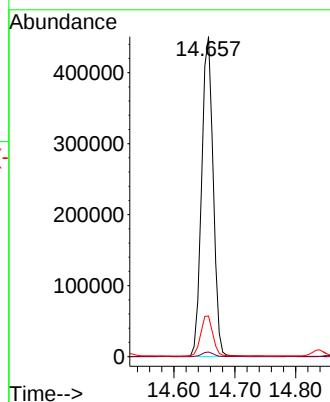
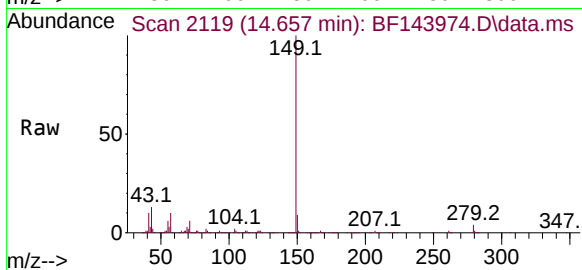
Tgt Ion:149 Resp: 591519

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 13.1 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

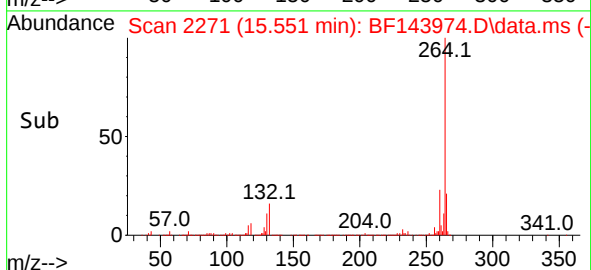
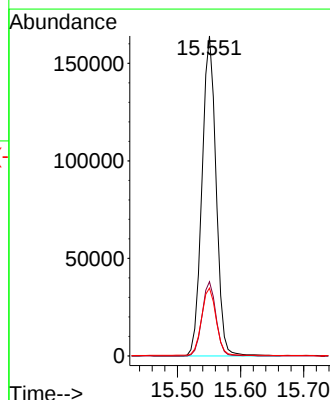
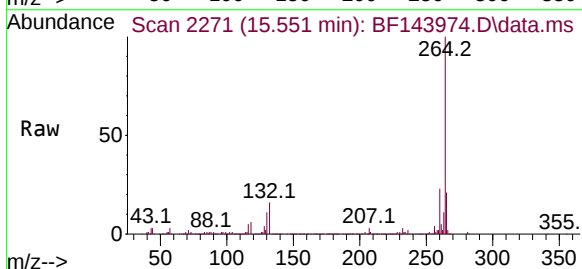
Tgt Ion:264 Resp: 254300

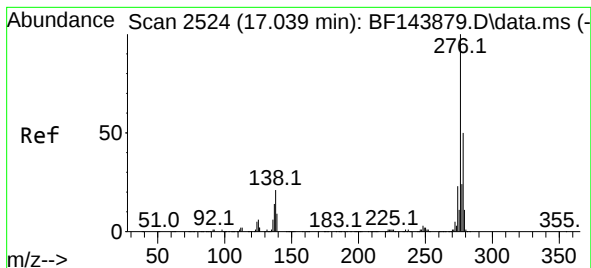
Ion Ratio Lower Upper

264 100

260 23.2 17.8 26.8

265 21.2 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.640 ng

RT: 17.062 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

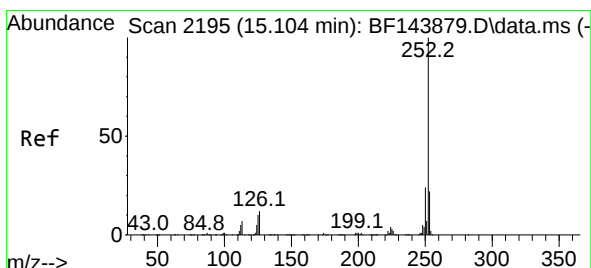
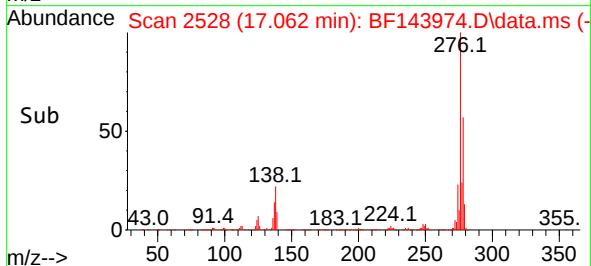
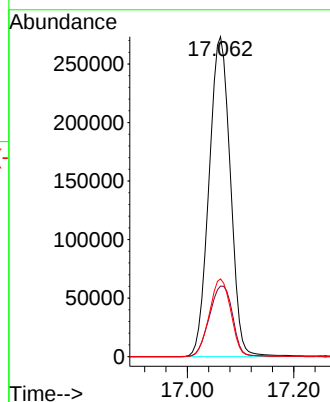
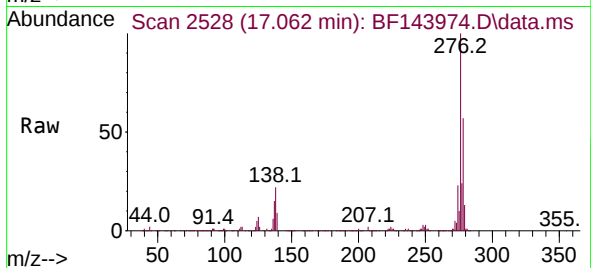
Tgt Ion:276 Resp: 757910

Ion Ratio Lower Upper

276 100

138 24.3 18.2 27.2

277 24.8 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 38.601 ng

RT: 15.115 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

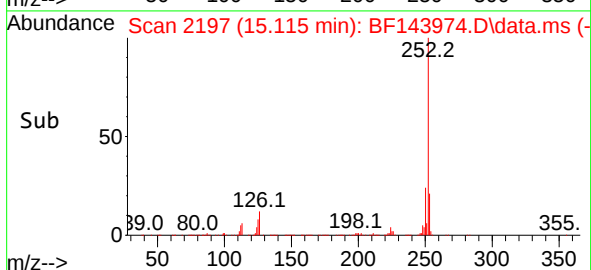
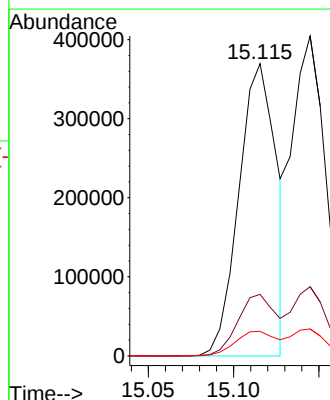
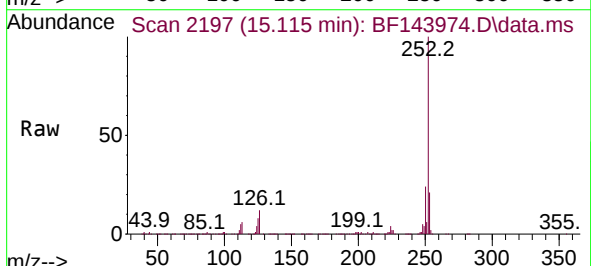
Tgt Ion:252 Resp: 563880

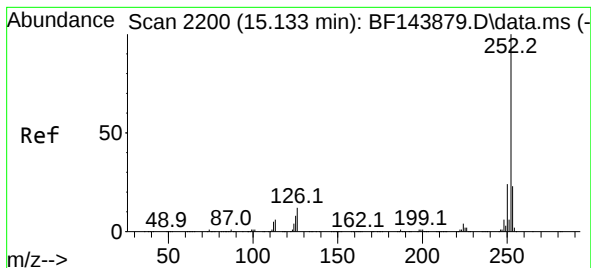
Ion Ratio Lower Upper

252 100

253 21.0 17.4 26.2

125 8.4 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 41.140 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

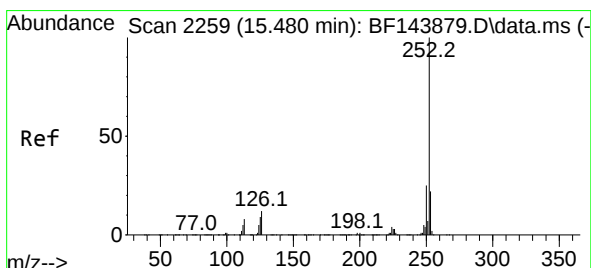
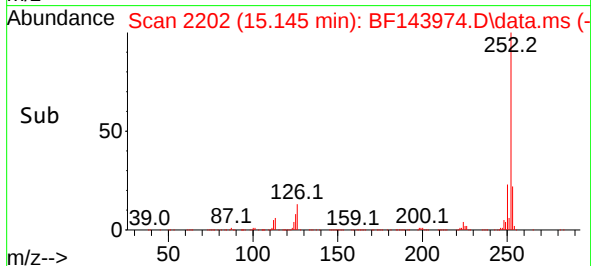
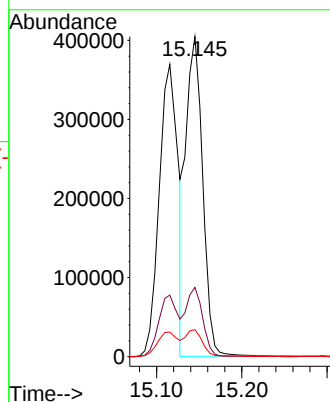
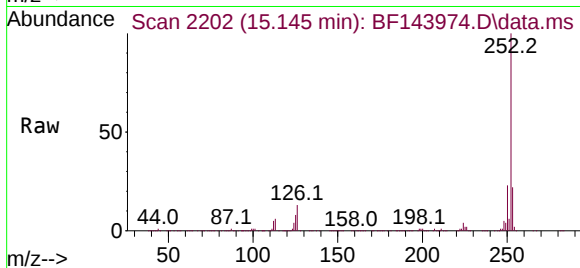
Tgt Ion:252 Resp: 556083

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 8.4 7.4 11.2



#90

Benzo(a)pyrene

Concen: 41.035 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF143974.D

Acq: 16 Oct 2025 11:02

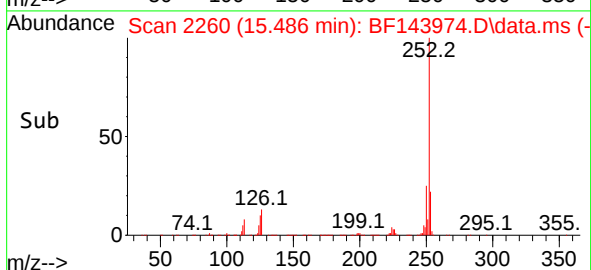
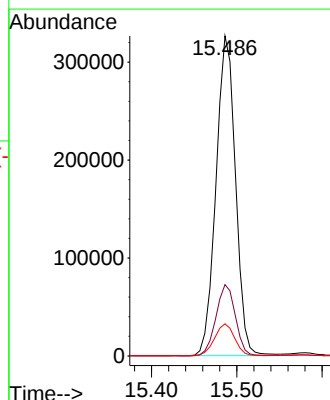
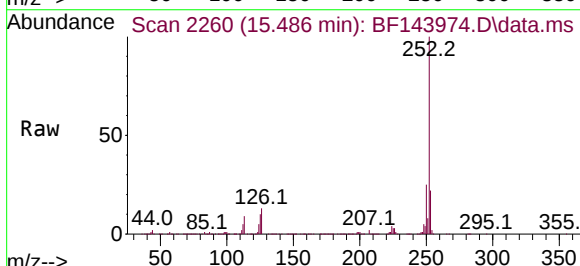
Tgt Ion:252 Resp: 519768

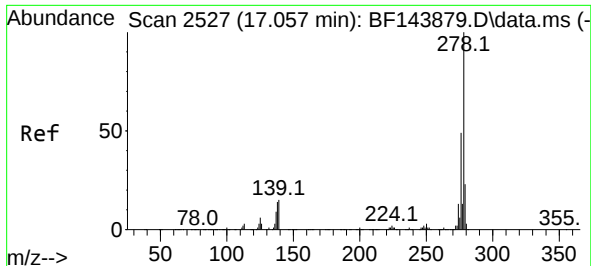
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 10.0 7.0 10.4

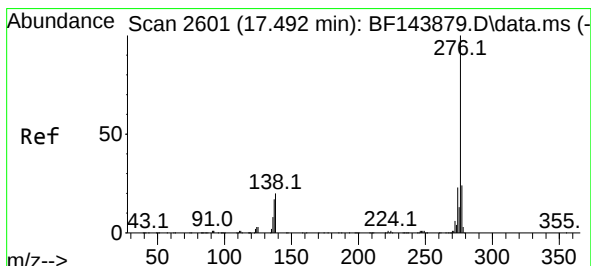
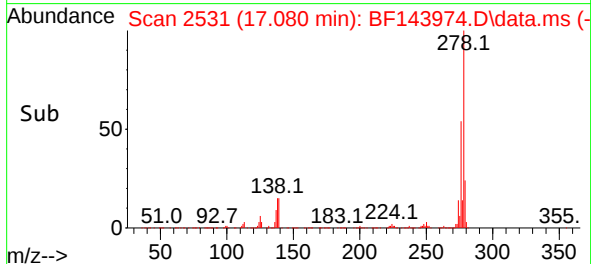
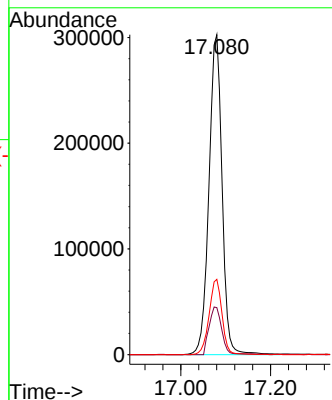
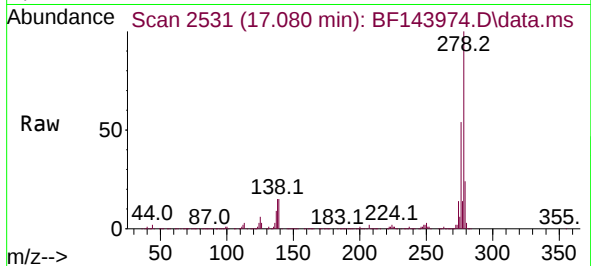




#91
Dibenzo(a,h)anthracene
Concen: 49.014 ng
RT: 17.080 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 614248
Ion Ratio Lower Upper
278 100
139 14.7 11.7 17.5
279 23.5 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 49.447 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF143974.D
Acq: 16 Oct 2025 11:02

Tgt Ion:276 Resp: 619679
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 22.3 16.1 24.1

