

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012725\
 Data File : BF141274.D
 Acq On : 27 Jan 2025 15:58
 Operator : RC/JU
 Sample : Q1169-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0006MS

Quant Time: Jan 27 16:18:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	142441	20.000	ng	-0.02
21) Naphthalene-d8	8.086	136	546443	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	278078	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	436550	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	327616	20.000	ng	0.00
86) Perylene-d12	15.439	264	386172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1146716	124.364	ng	0.00
7) Phenol-d6	6.445	99	1384805	118.563	ng	0.00
23) Nitrobenzene-d5	7.369	82	946308	91.798	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	469302	148.114	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	1790366	98.317	ng	-0.02
79) Terphenyl-d14	12.921	244	1767555	80.189	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.434	88	22018	5.362	ng	# 1
3) Pyridine	3.410	79	393615	39.091	ng	96
4) n-Nitrosodimethylamine	3.328	42	199077	40.435	ng	96
6) Aniline	6.469	93	166225	16.030	ng	# 13
8) 2-Chlorophenol	6.592	128	477802	48.299	ng	96
9) Benzaldehyde	6.357	77	38557	5.605	ng	96
10) Phenol	6.457	94	525726	42.048	ng	96
11) bis(2-Chloroethyl)ether	6.540	93	431114	46.268	ng	97
12) 1,3-Dichlorobenzene	6.745	146	400649	36.312	ng	98
13) 1,4-Dichlorobenzene	6.822	146	413992	37.235	ng	99
14) 1,2-Dichlorobenzene	6.975	146	402903	38.848	ng	98
15) Benzyl Alcohol	6.951	79	414788	49.175	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	552431	42.487	ng	90
17) 2-Methylphenol	7.063	107	387869	48.564	ng	99
18) Hexachloroethane	7.316	117	149572	37.200	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	319732	46.471	ng	95
20) 3+4-Methylphenols	7.216	107	472921	46.935	ng	# 80
22) Acetophenone	7.216	105	613076	47.195	ng	97
24) Nitrobenzene	7.386	77	477509	44.445	ng	99
25) Isophorone	7.628	82	878506	49.867	ng	98
26) 2-Nitrophenol	7.704	139	251205	51.401	ng	99
27) 2,4-Dimethylphenol	7.739	122	384370	58.308	ng	98
28) bis(2-Chloroethoxy)met...	7.839	93	541249	48.955	ng	100
29) 2,4-Dichlorophenol	7.945	162	399914	51.080	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	395702	44.217	ng	100
31) Naphthalene	8.110	128	1323520	45.928	ng	100
32) Benzoic acid	7.857	122	264082	41.761	ng	97
33) 4-Chloroaniline	8.157	127	81542	8.182	ng	99
34) Hexachlorobutadiene	8.228	225	231282	42.891	ng	99
35) Caprolactam	8.522	113	102559	40.012	ng	98
36) 4-Chloro-3-methylphenol	8.639	107	424852	49.618	ng	99
37) 2-Methylnaphthalene	8.798	142	900042	49.013	ng	100
38) 1-Methylnaphthalene	8.898	142	846188	46.757	ng	99
40) 1,2,4,5-Tetrachloroben...	8.969	216	417758	52.342	ng	98
41) Hexachlorocyclopentadiene	8.951	237	472502	180.949	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	290208	53.912	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	297720	52.369	ng	98
46) 1,1'-Biphenyl	9.263	154	1126147	52.147	ng	100
47) 2-Chloronaphthalene	9.292	162	840350	49.961	ng	99
48) 2-Nitroaniline	9.386	65	247293	49.597	ng	97
49) Acenaphthylene	9.704	152	1309476	54.491	ng	100
50) Dimethylphthalate	9.569	163	1008135	54.002	ng	99
51) 2,6-Dinitrotoluene	9.628	165	222261	51.197	ng	99
52) Acenaphthene	9.880	154	959706	57.162	ng	100
53) 3-Nitroaniline	9.792	138	69737	15.808	ng	99
54) 2,4-Dinitrophenol	9.904	184	220732	106.970	ng	95
55) Dibenzofuran	10.051	168	1172480	51.342	ng	100
56) 4-Nitrophenol	9.963	139	343016	99.279	ng	99
57) 2,4-Dinitrotoluene	10.033	165	294515	52.641	ng	98
58) Fluorene	10.392	166	901308	50.801	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	253105	53.562	ng	98
60) Diethylphthalate	10.269	149	940372	51.597	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	446268	51.608	ng	99
62) 4-Nitroaniline	10.410	138	197300	45.693	ng	99
63) Azobenzene	10.545	77	904504	50.297	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	155910	61.632	ng	97
66) n-Nitrosodiphenylamine	10.504	169	791712	56.227	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	291359	57.970	ng	100
68) Hexachlorobenzene	10.939	284	318402	56.910	ng	99
69) Atrazine	11.033	200	258588	68.205	ng	97
70) Pentachlorophenol	11.139	266	374470	104.514	ng	99
71) Phenanthrene	11.357	178	1300288	55.480	ng	99
72) Anthracene	11.410	178	1317295	57.804	ng	100
73) Carbazole	11.563	167	1133602	54.250	ng	99
74) Di-n-butylphthalate	11.898	149	1341877	56.113	ng	99
75) Fluoranthene	12.545	202	1288214	55.080	ng	99
77) Benzidine	12.669	184	106522	17.533	ng	# 90
78) Pyrene	12.774	202	1314460	42.007	ng	100
80) Butylbenzylphthalate	13.398	149	536294	51.405	ng	96
81) Benzo(a)anthracene	13.968	228	1174724	52.687	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	131998	18.593	ng	100
83) Chrysene	14.004	228	1071145	51.343	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	696119	55.610	ng	100
85) Di-n-octyl phthalate	14.586	149	1249411	66.096	ng	97
87) Indeno(1,2,3-cd)pyrene	16.904	276	1519450	53.706	ng	98
88) Benzo(b)fluoranthene	15.021	252	1371280	55.068	ng	100
89) Benzo(k)fluoranthene	15.051	252	1061523	50.443	ng	100
90) Benzo(a)pyrene	15.386	252	1183160	57.588	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1228875	53.703	ng	98
92) Benzo(g,h,i)perylene	17.339	276	1163595	48.887	ng	99

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

BNA F

ClientSampleId :

ARS20-0006MS

Abundance

TIC: BF141274.D\data.ms

Time-->

1,4-Dioxane

n-Nitrosodiphenylamine

2-Fluorophenol, S

Phenol-d6, S

Nitrobenzene-d5, S

Nitrobenzene

Nitrophenols

4-Chlorophenyl-phenylether

2,4,6-Trichlorophenol, S

4-Bromophenyl-phenylether

2,4-Dinitrophenylphthalate

Acenaphthene, C

Acenaphthylene

Acenaphthene, C

2,3,4,6-Tetrachlorophthalate

4,6-Dinitrophenylphthalate

Azobenzene

Nitrophenylamine, C

2,4,6-Trichlorophenol, S

4-Bromophenyl-phenylether

4-Bromophenyl-phenylether

Penachlorophenol, C

Phenanthrene-d10

Carbazole

Di-n-butylphthalate

Fluoranthene, C

Pyrene

Terphenyl-d14, S

Butylbenzylphthalate

3,3'-Dichlorobenzidine

Chrysene

Di-n-octyl phthalate, c

Benzo(a)pyrene

Benzo(a)pyrene, C

Perylene-d12

Indeno(1,2,3-cd)pyrene

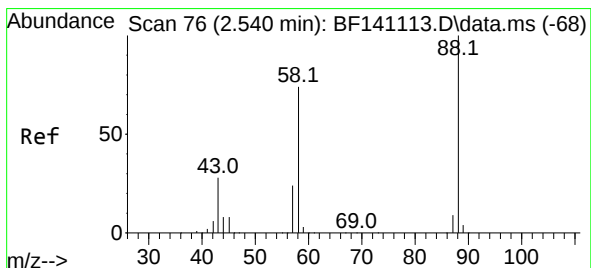
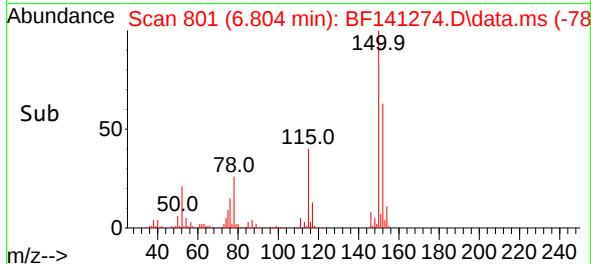
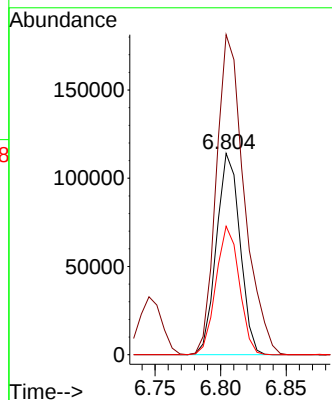
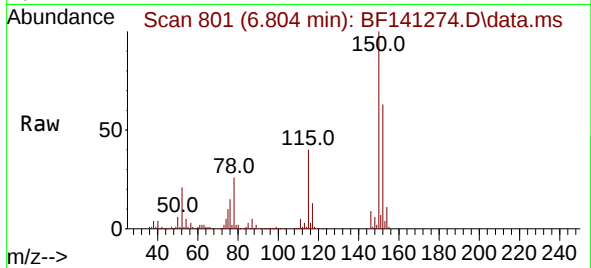
Benzo(g,h,i)perylene



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BF141274.D
 Acq: 27 Jan 2025 15:58

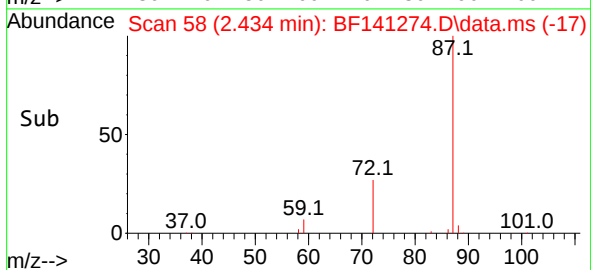
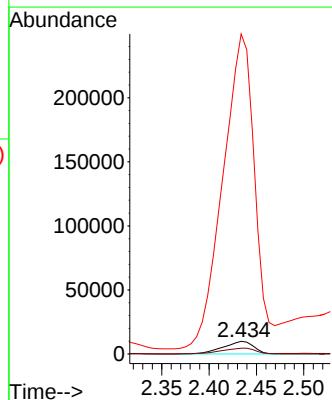
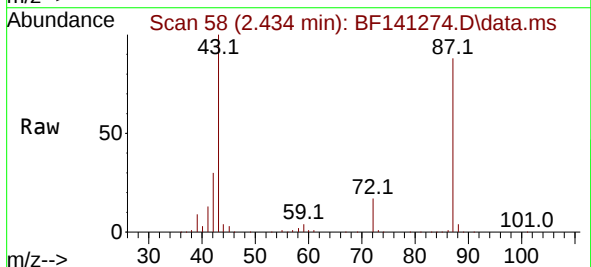
Instrument :
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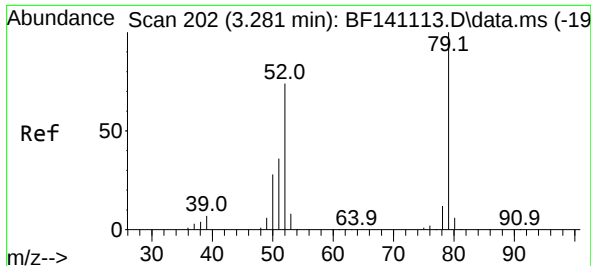
Tgt Ion:152 Resp: 142441
 Ion Ratio Lower Upper
 152 100
 150 159.0 125.8 188.8
 115 63.8 51.4 77.2



#2
 1,4-Dioxane
 Concen: 5.362 ng
 RT: 2.434 min Scan# 58
 Delta R.T. -0.106 min
 Lab File: BF141274.D
 Acq: 27 Jan 2025 15:58

Tgt Ion: 88 Resp: 22018
 Ion Ratio Lower Upper
 88 100
 58 52.6 60.1 90.1#
 43 2605.4 23.1 34.7#

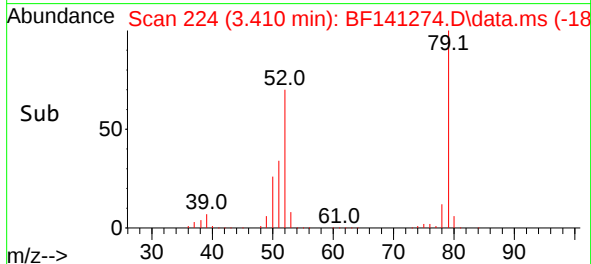
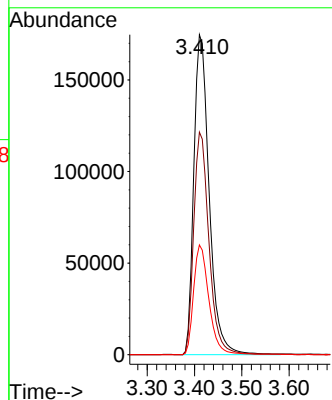
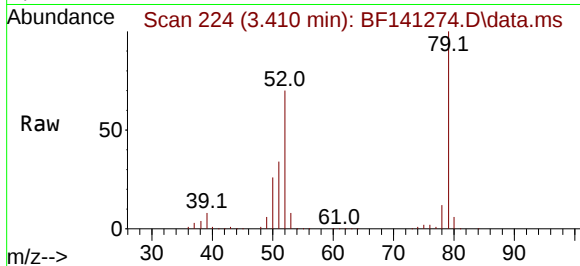




#3
Pyridine
Concen: 39.091 ng
RT: 3.410 min Scan# 210
Delta R.T. 0.129 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

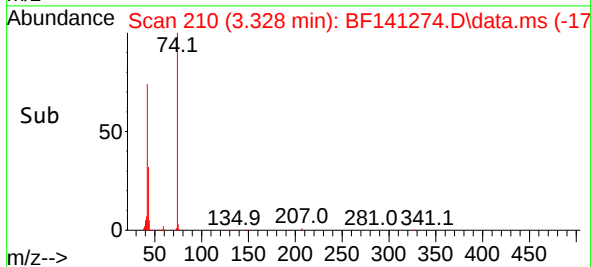
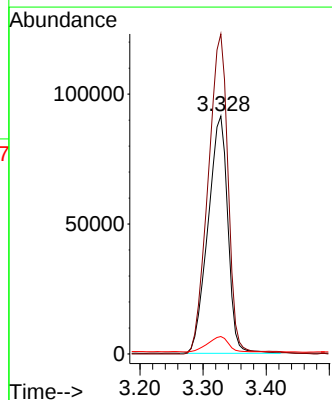
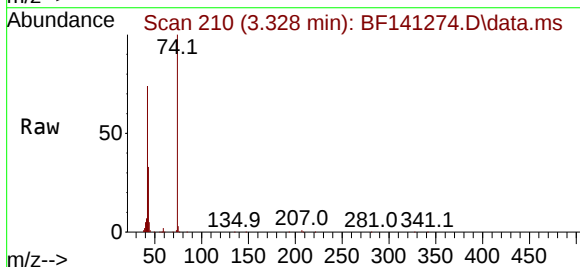
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BNA_F
ClientSampleId :
ARS20-0006MS

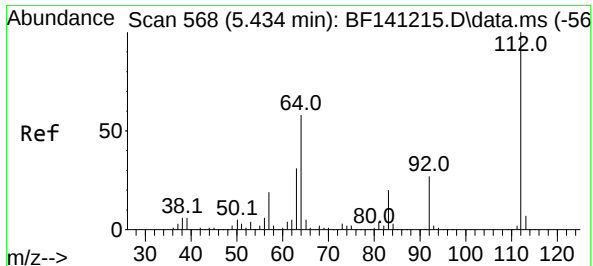
Tgt Ion: 79 Resp: 393615
Ion Ratio Lower Upper
79 100
52 69.5 58.9 88.3
51 34.3 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 40.435 ng
RT: 3.328 min Scan# 210
Delta R.T. 0.100 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion: 42 Resp: 199077
Ion Ratio Lower Upper
42 100
74 134.5 103.8 155.6
44 7.3 5.3 7.9

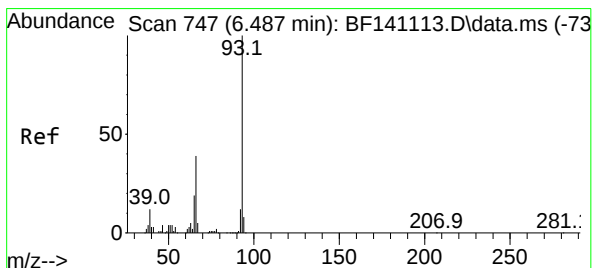
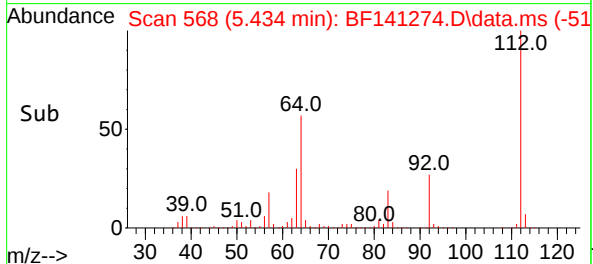
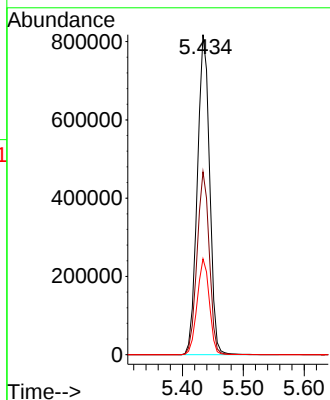
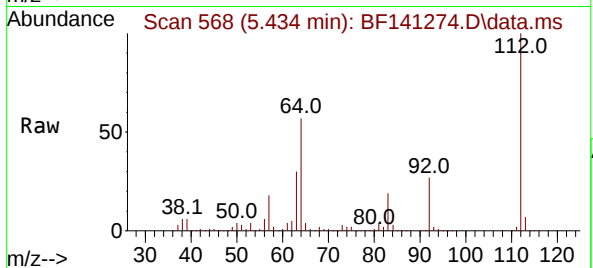




#5
2-Fluorophenol
Concen: 124.364 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

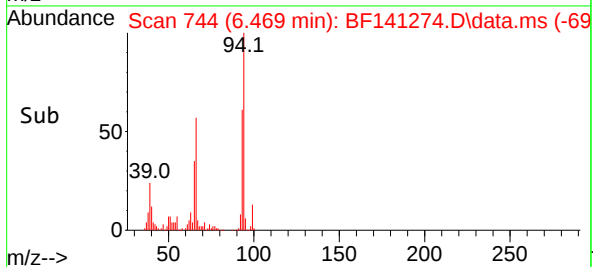
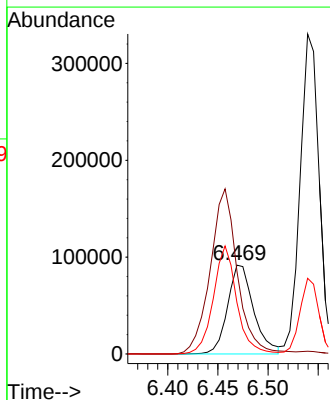
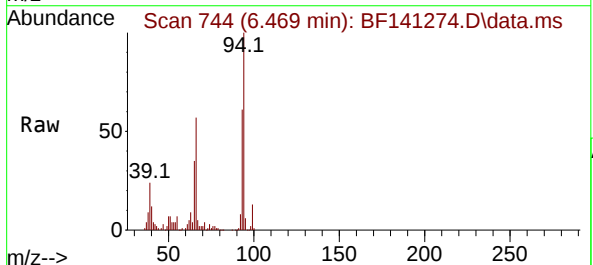
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

Tgt Ion:112 Resp: 1146716
Ion Ratio Lower Upper
112 100
64 57.2 47.3 70.9
63 30.0 24.2 36.2



#6
Aniline
Concen: 16.030 ng
RT: 6.469 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion: 93 Resp: 166225
Ion Ratio Lower Upper
93 100
66 93.3 31.5 47.3#
65 58.1 15.3 22.9#



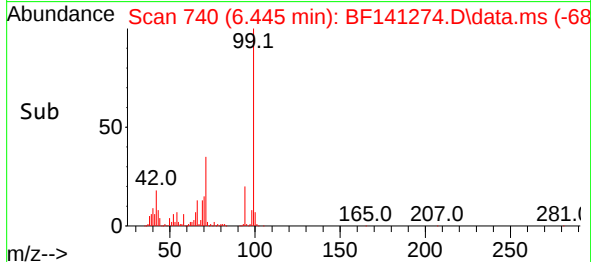
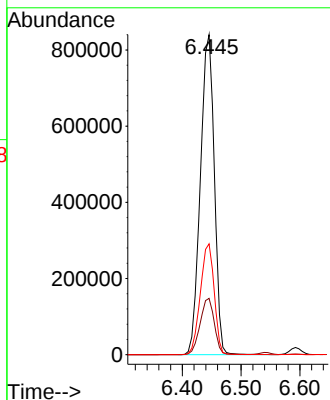
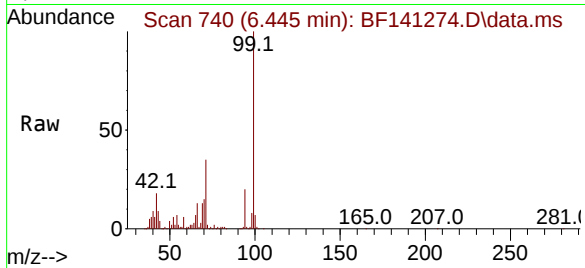


#7
Phenol-d6
Concen: 118.563 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

Tgt Ion: 99 Resp: 1384805

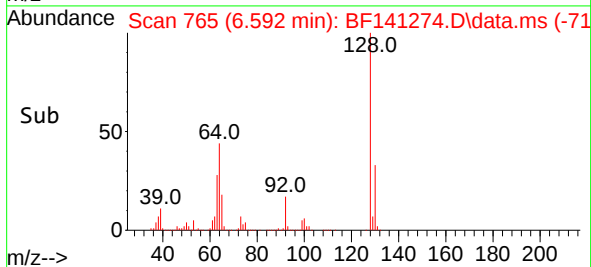
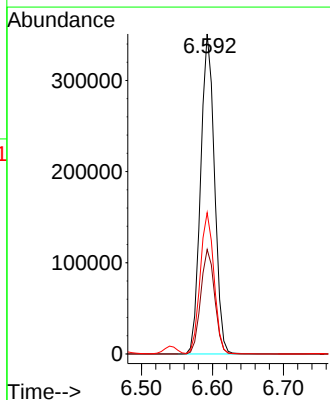
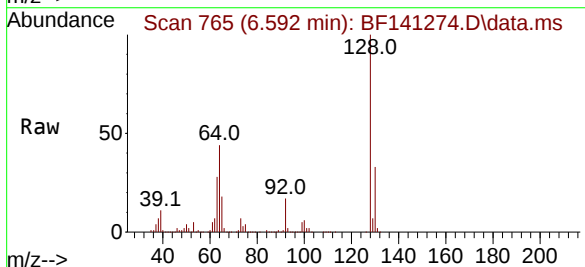
Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.0	22.4
71	34.6	27.6	41.4



#8
2-Chlorophenol
Concen: 48.299 ng
RT: 6.592 min Scan# 765
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion: 128 Resp: 477802

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.5	52.5
64	44.2	28.3	68.3

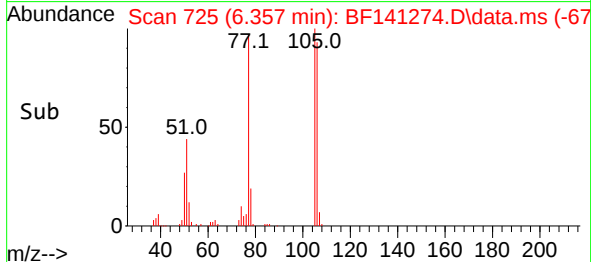
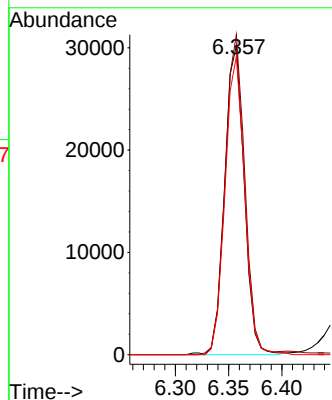
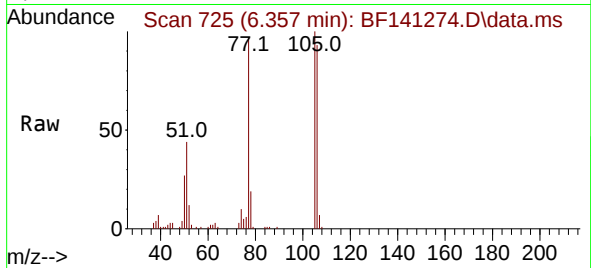




#9
Benzaldehyde
Concen: 5.605 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

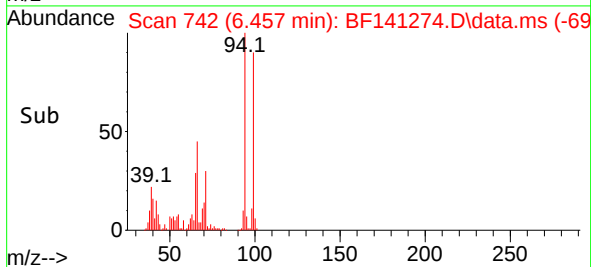
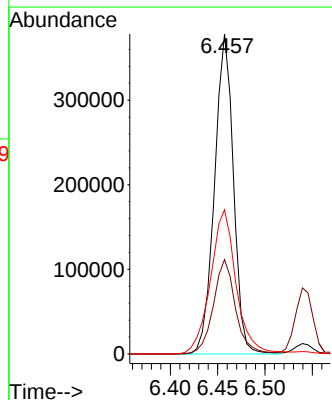
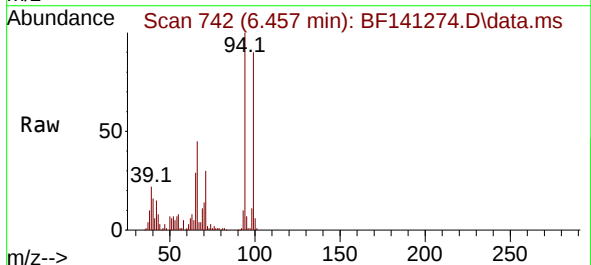
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

Tgt Ion: 77 Resp: 38557
Ion Ratio Lower Upper
77 100
105 103.5 78.9 118.9
106 96.5 73.6 113.6



#10
Phenol
Concen: 42.048 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion: 94 Resp: 525726
Ion Ratio Lower Upper
94 100
65 29.5 8.9 48.9
66 45.1 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 46.268 ng

RT: 6.540 min Scan# 710

Delta R.T. -0.018 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

Instrument :

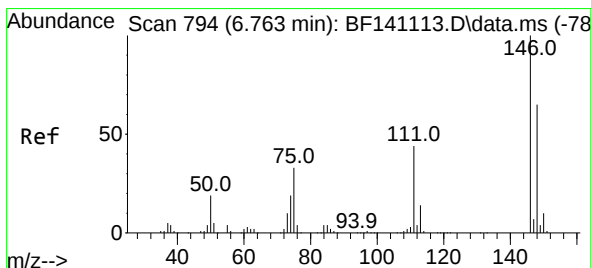
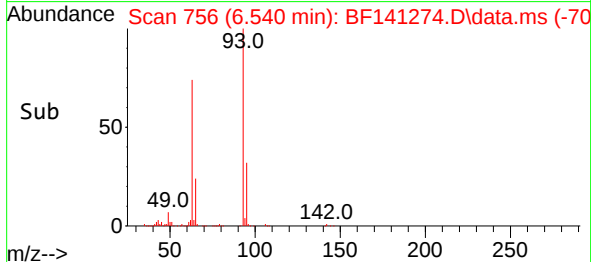
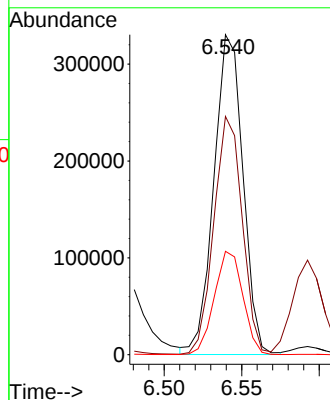
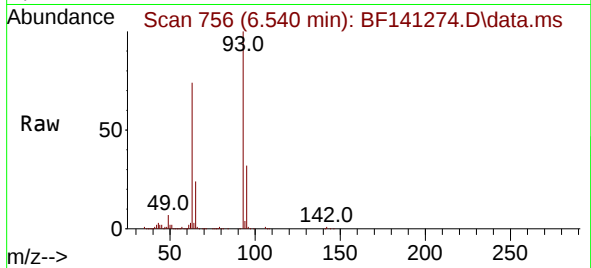
BNA_F

ClientSampleId :

ARS20-0006MS

Tgt Ion: 93 Resp: 431114

Ion	Ratio	Lower	Upper
93	100		
63	74.5	58.0	98.0
95	32.3	12.5	52.5



#12

1,3-Dichlorobenzene

Concen: 36.312 ng

RT: 6.745 min Scan# 791

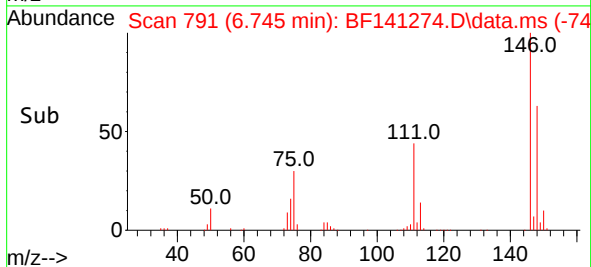
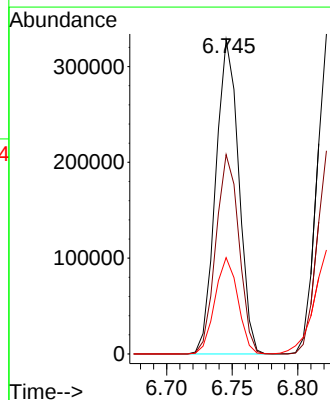
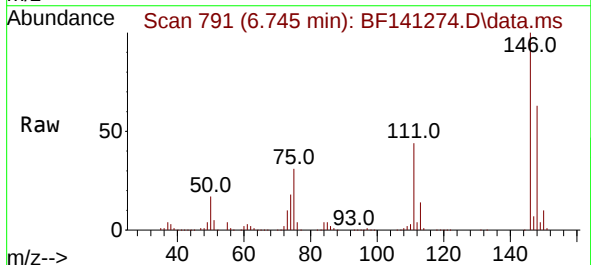
Delta R.T. -0.018 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

Tgt Ion: 146 Resp: 400649

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.6	77.4
75	30.6	26.2	39.2

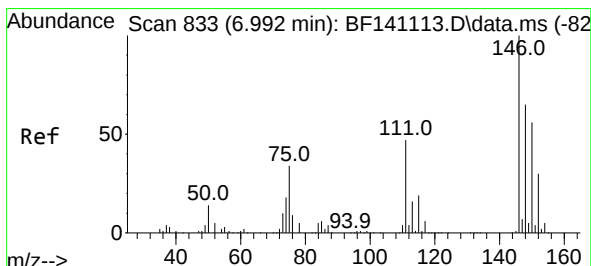
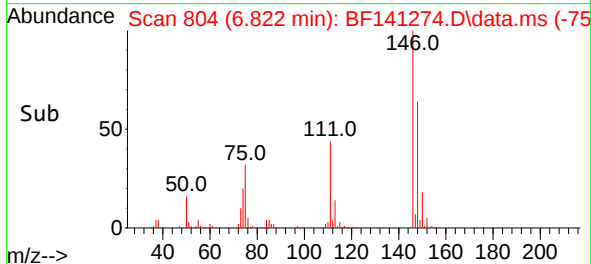
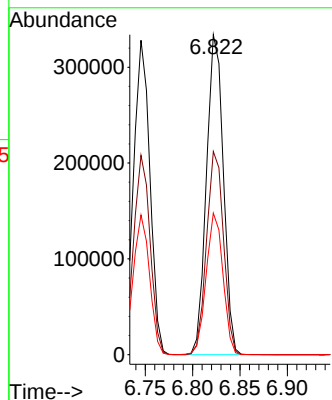
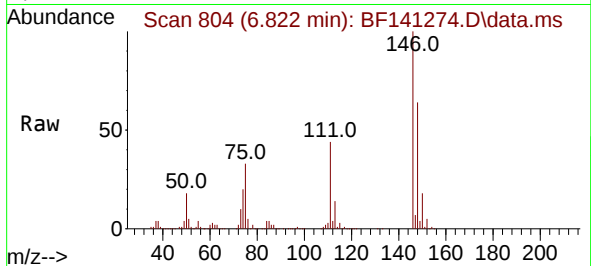




#13
1,4-Dichlorobenzene
Concen: 37.235 ng
RT: 6.822 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

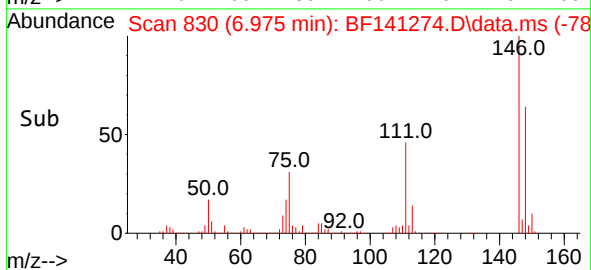
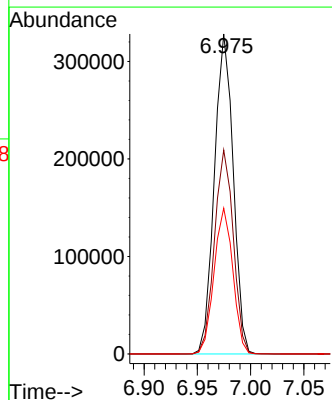
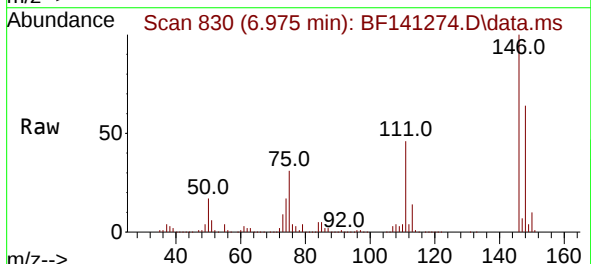
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

Tgt Ion:146 Resp: 413992
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.6
111 44.2 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 38.848 ng
RT: 6.975 min Scan# 830
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:146 Resp: 402903
Ion Ratio Lower Upper
146 100
148 63.7 52.2 78.4
111 45.6 37.5 56.3

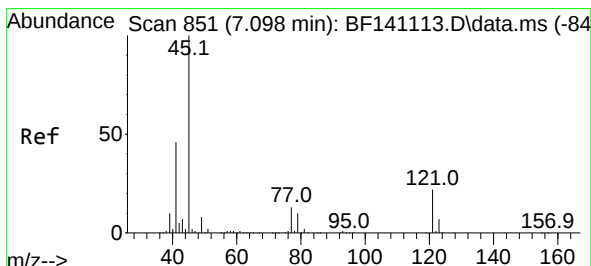
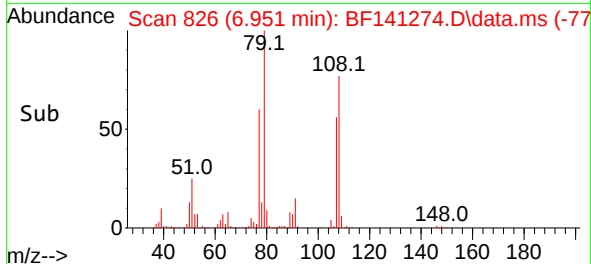
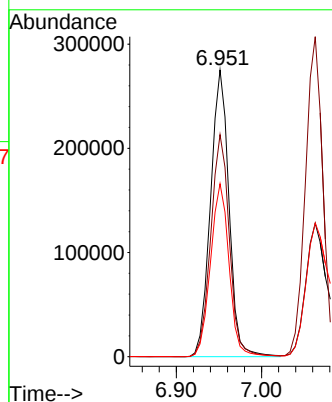
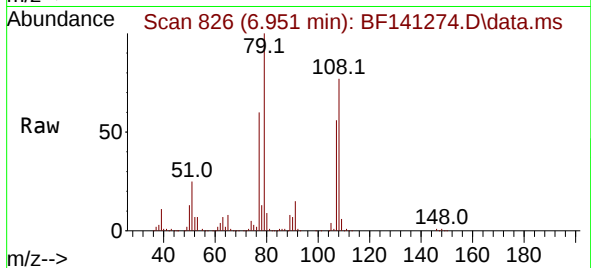




#15
Benzyl Alcohol
Concen: 49.175 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

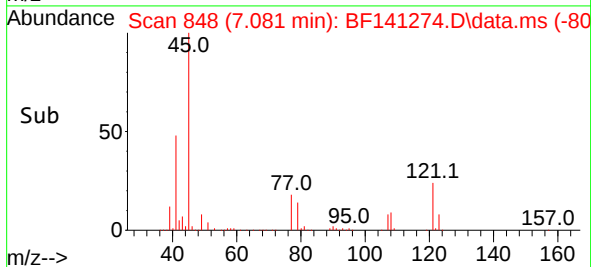
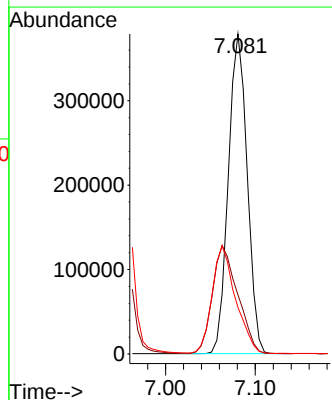
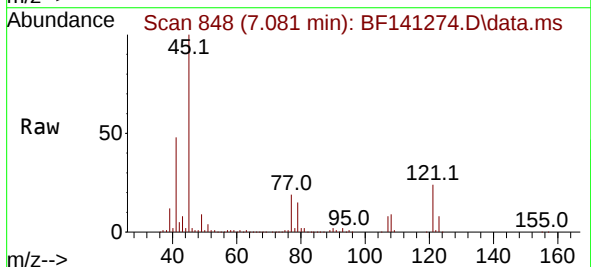
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

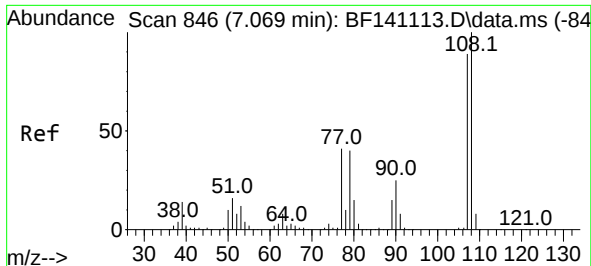
Tgt Ion: 79 Resp: 414788
Ion Ratio Lower Upper
79 100
108 77.5 61.4 92.0
77 60.4 49.8 74.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.487 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion: 45 Resp: 552431
Ion Ratio Lower Upper
45 100
77 18.5 0.0 34.1
79 14.5 0.0 31.0

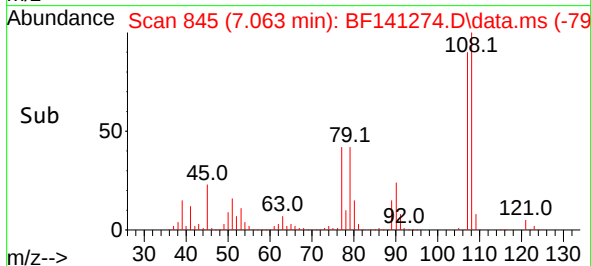
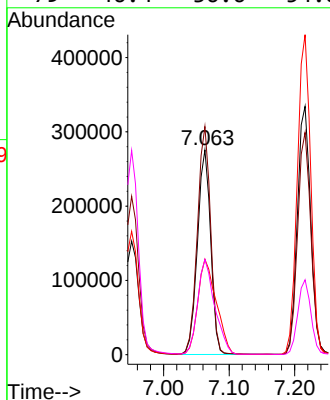
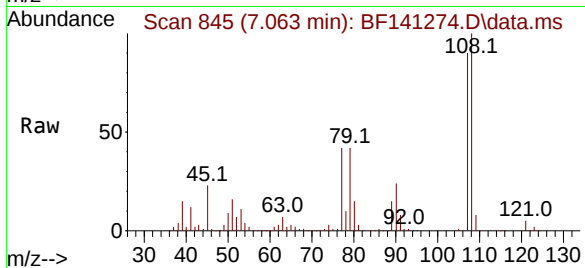




#17
2-Methylphenol
Concen: 48.564 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

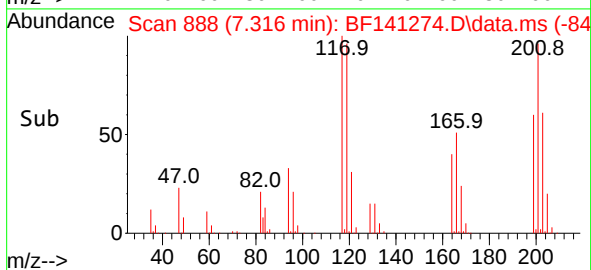
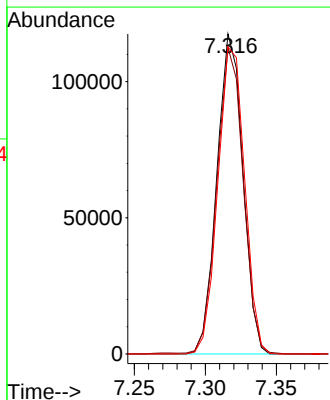
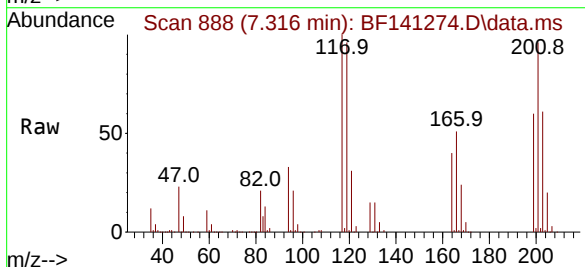
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

Tgt Ion:	107	Resp:	387869
Ion	Ratio	Lower	Upper
107	100		
108	111.3	90.1	135.1
77	46.6	36.6	55.0
79	46.4	36.6	54.8



#18
Hexachloroethane
Concen: 37.200 ng
RT: 7.316 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:	117	Resp:	149572
Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.6	116.4
201	96.0	75.1	112.7

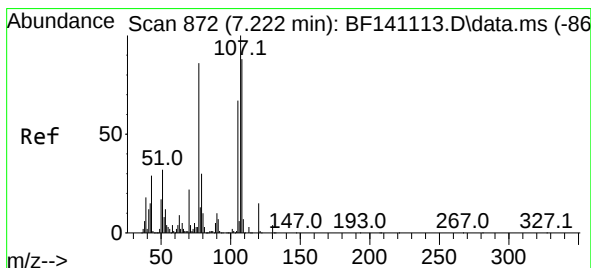
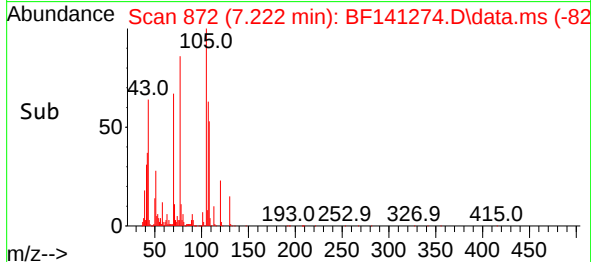
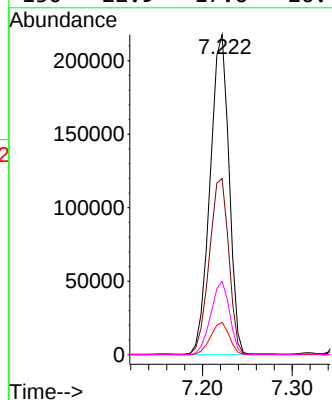
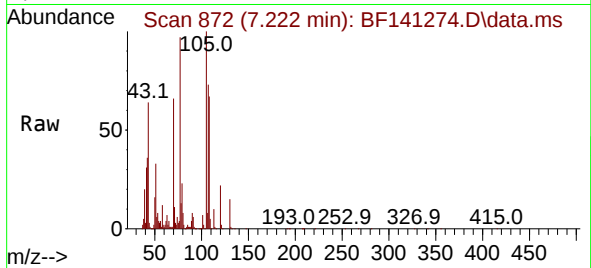




#19
n-Nitroso-di-n-propylamine
Concen: 46.471 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

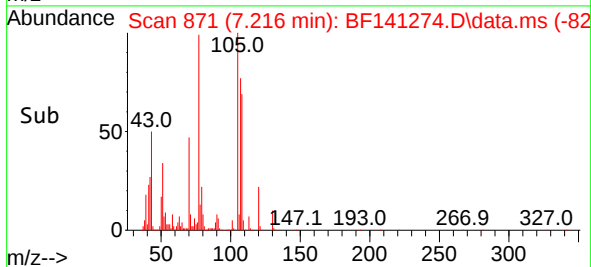
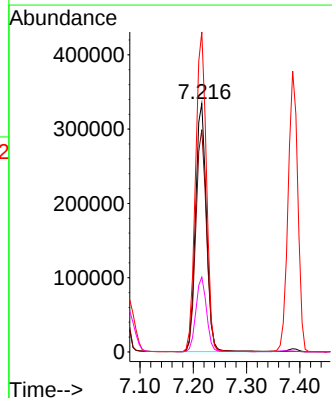
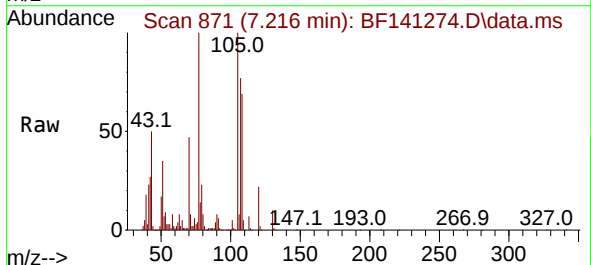
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

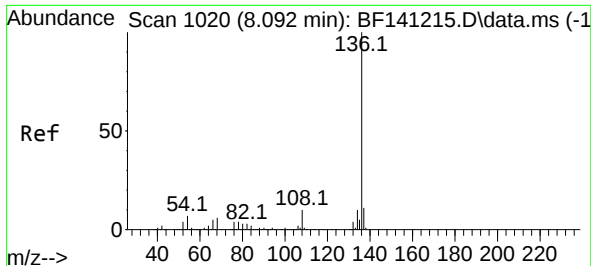
Tgt Ion: 70 Resp: 319732
Ion Ratio Lower Upper
70 100
42 55.0 47.8 71.6
101 10.0 7.9 11.9
130 22.9 17.6 26.4



#20
3+4-Methylphenols
Concen: 46.935 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion: 107 Resp: 472921
Ion Ratio Lower Upper
107 100
108 89.5 68.3 108.3
77 128.9 66.4 106.4#
79 30.2 9.6 49.6



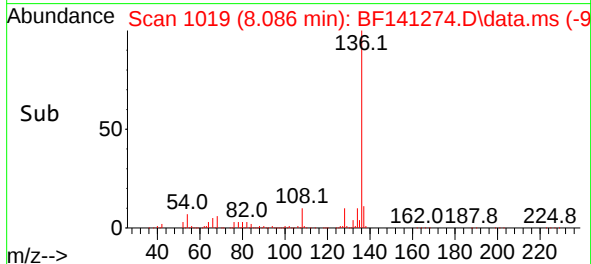
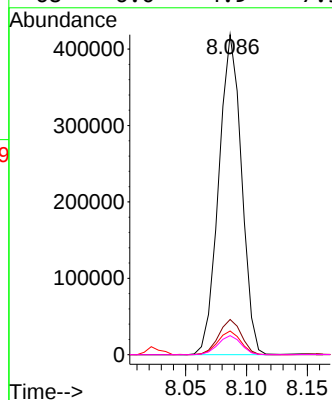
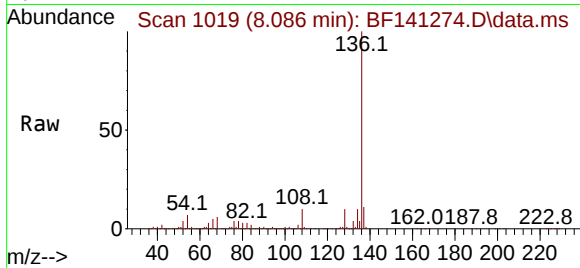


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

Tgt Ion:136 Resp: 546443

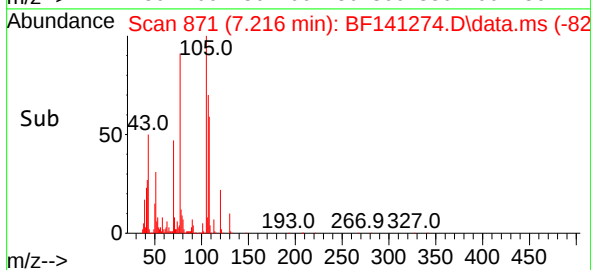
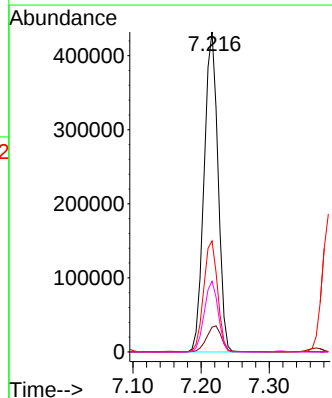
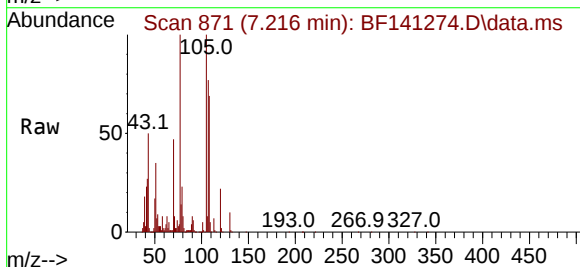
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.4	6.3	9.5
68	6.0	4.9	7.3

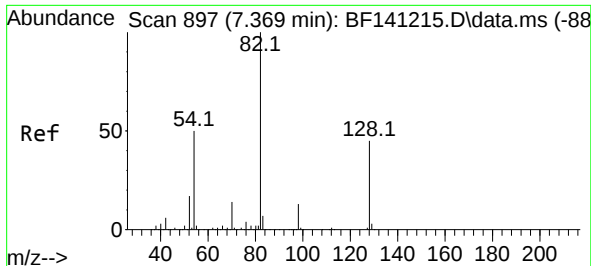


#22
Acetophenone
Concen: 47.195 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:105 Resp: 613076

Ion	Ratio	Lower	Upper
105	100		
71	7.8	7.1	10.7
51	34.7	25.4	38.2
120	22.1	18.0	27.0

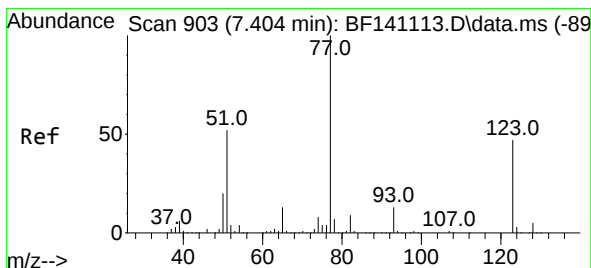
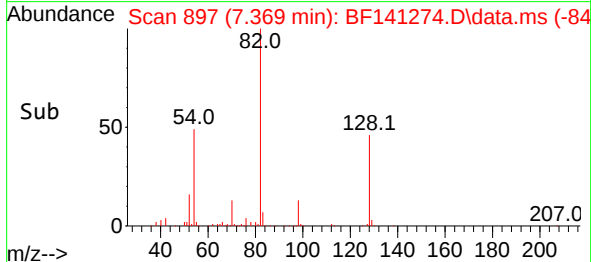
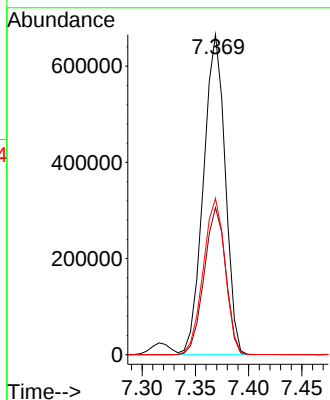
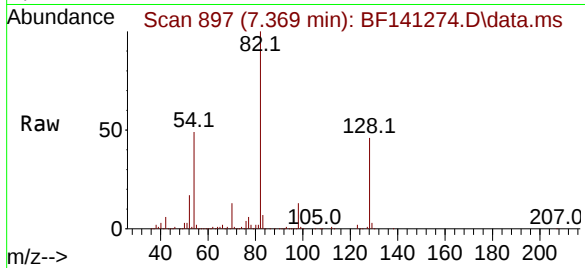




#23
Nitrobenzene-d5
Concen: 91.798 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

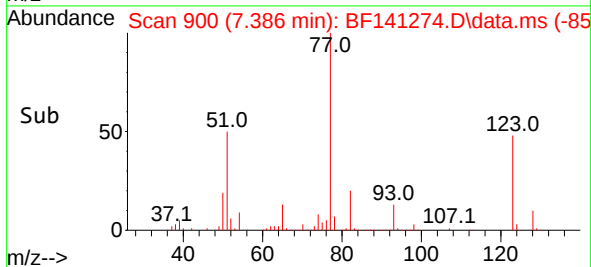
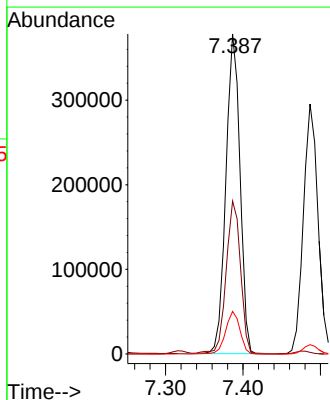
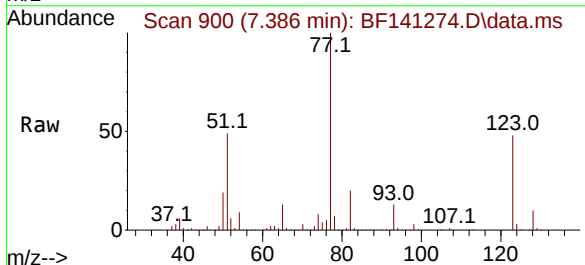
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

Tgt Ion: 82 Resp: 946308
Ion Ratio Lower Upper
82 100
128 46.0 36.1 54.1
54 48.9 41.0 61.4



#24
Nitrobenzene
Concen: 44.445 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion: 77 Resp: 477509
Ion Ratio Lower Upper
77 100
123 47.8 37.7 56.5
65 13.3 10.6 16.0

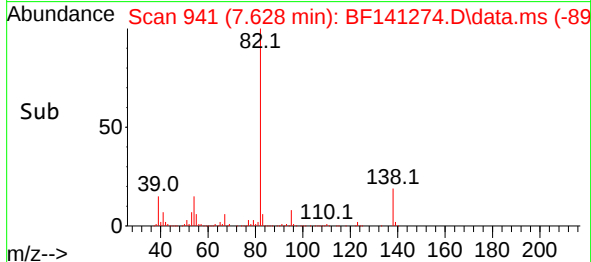
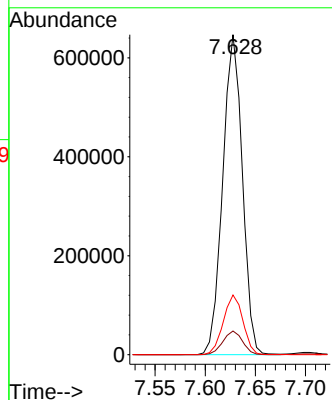
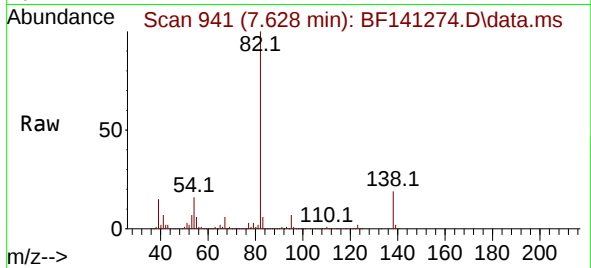




#25
Isophorone
Concen: 49.867 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

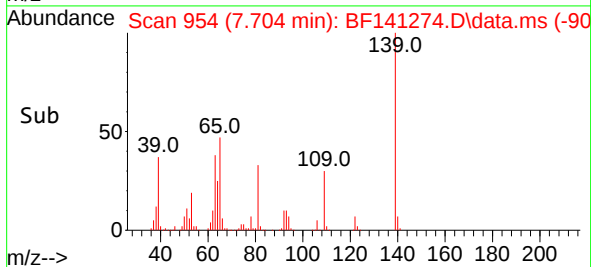
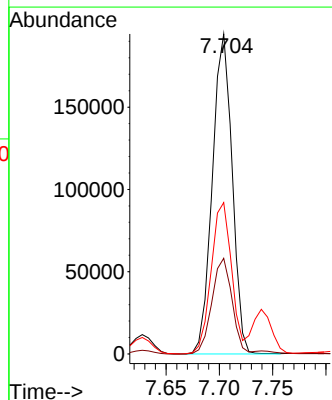
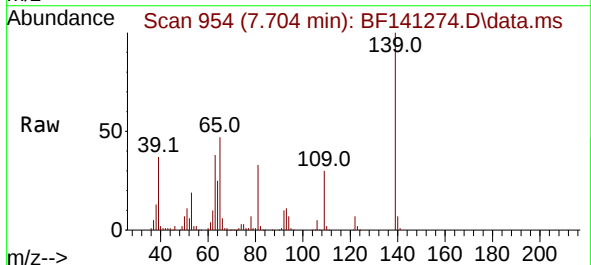
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

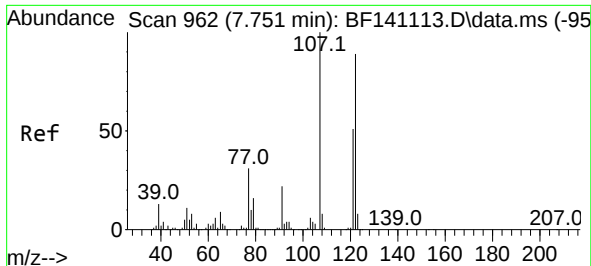
Tgt Ion: 82 Resp: 878506
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 18.6 14.2 21.2



#26
2-Nitrophenol
Concen: 51.401 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion: 139 Resp: 251205
Ion Ratio Lower Upper
139 100
109 29.9 23.8 35.6
65 47.3 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 58.308 ng

RT: 7.739 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MS

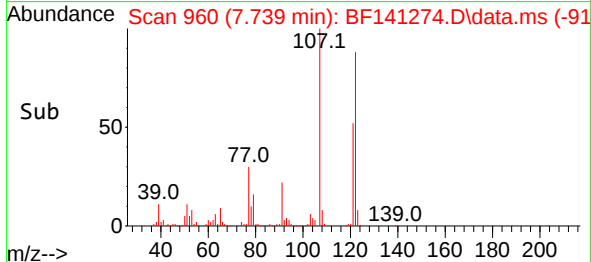
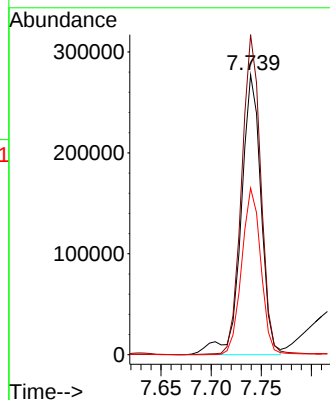
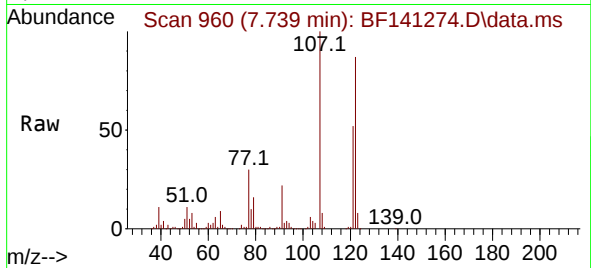
Tgt Ion:122 Resp: 384370

Ion Ratio Lower Upper

122 100

107 114.4 90.3 135.5

121 59.5 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 48.955 ng

RT: 7.839 min Scan# 977

Delta R.T. -0.012 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

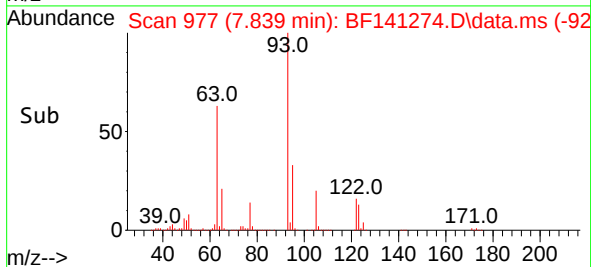
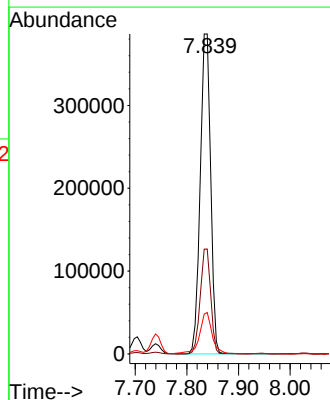
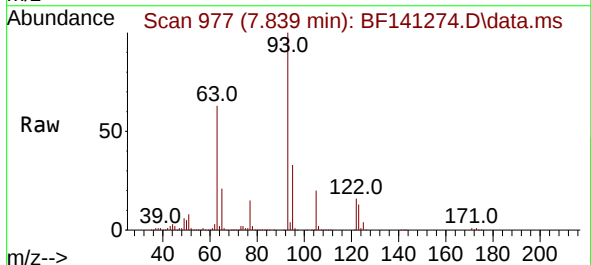
Tgt Ion: 93 Resp: 541249

Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

123 12.9 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 51.080 ng

RT: 7.945 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MS

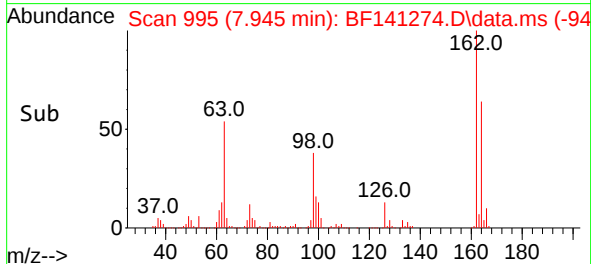
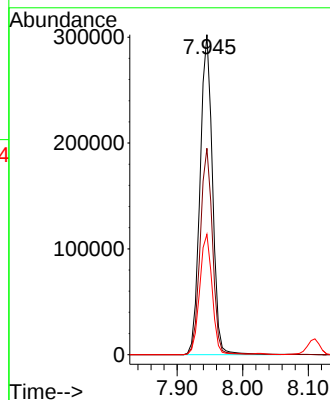
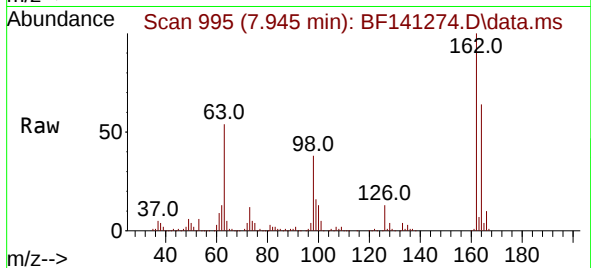
Tgt Ion:162 Resp: 399914

Ion Ratio Lower Upper

162 100

164 64.5 44.5 84.5

98 37.6 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 44.217 ng

RT: 8.028 min Scan# 1009

Delta R.T. -0.018 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

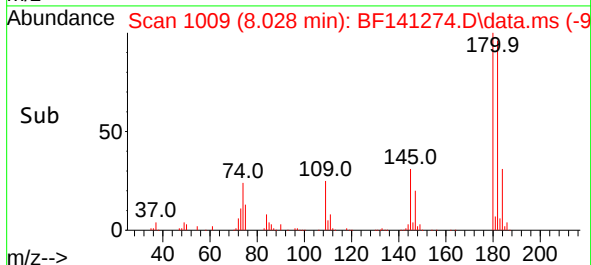
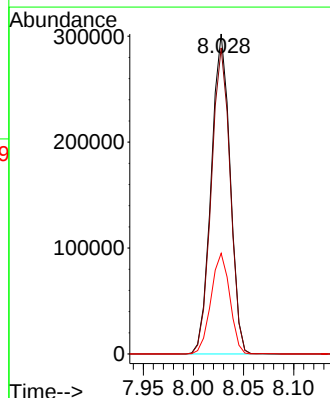
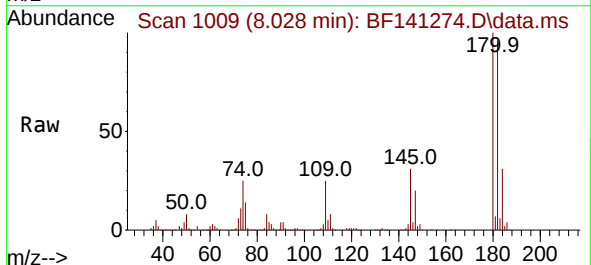
Tgt Ion:180 Resp: 395702

Ion Ratio Lower Upper

180 100

182 95.6 76.2 114.2

145 31.4 25.3 37.9

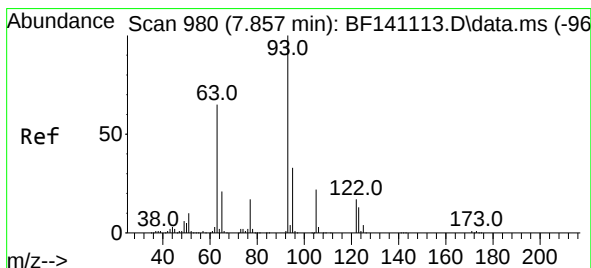
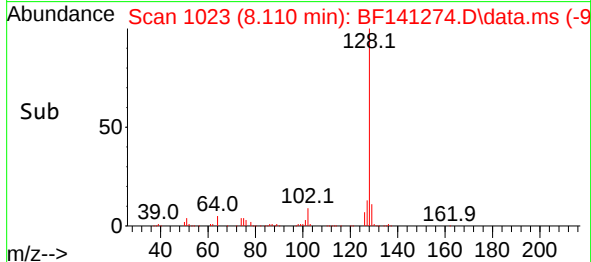
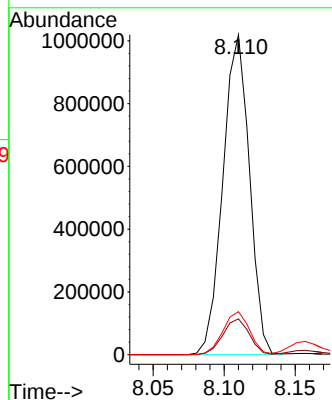
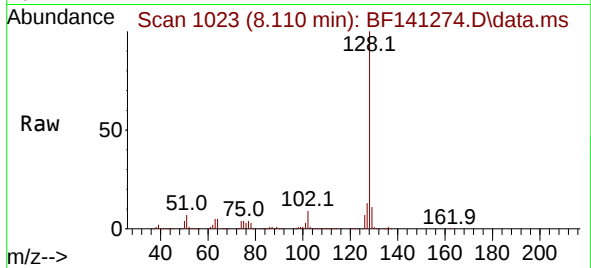




#31
Naphthalene
Concen: 45.928 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

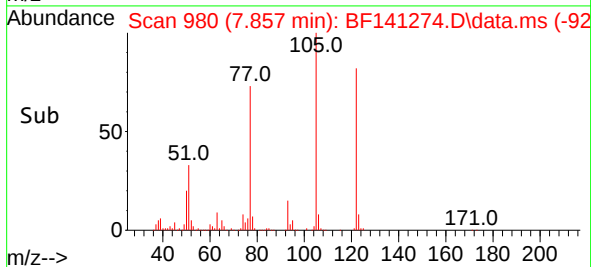
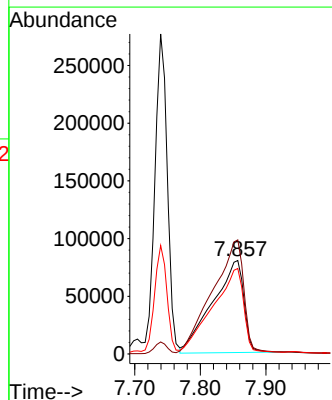
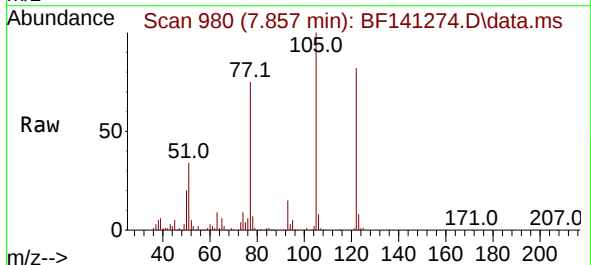
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

Tgt Ion:128 Resp: 1323520
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 41.761 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.000 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:122 Resp: 264082
Ion Ratio Lower Upper
122 100
105 121.9 105.5 145.5
77 91.3 75.1 115.1

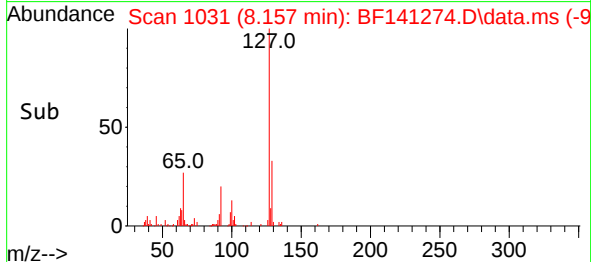
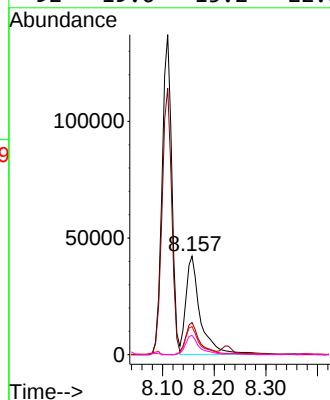
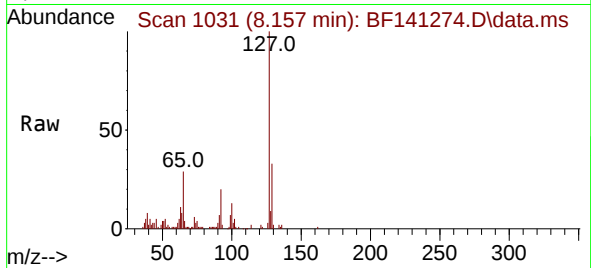




#33
4-Chloroaniline
Concen: 8.182 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

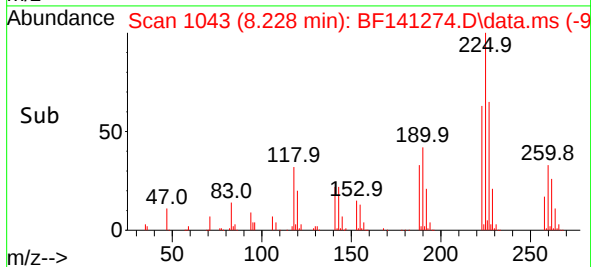
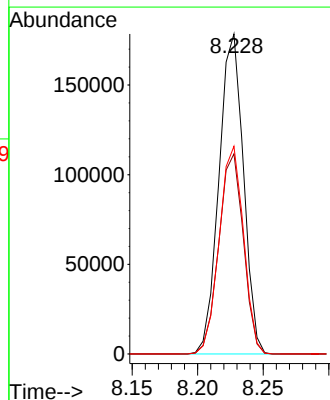
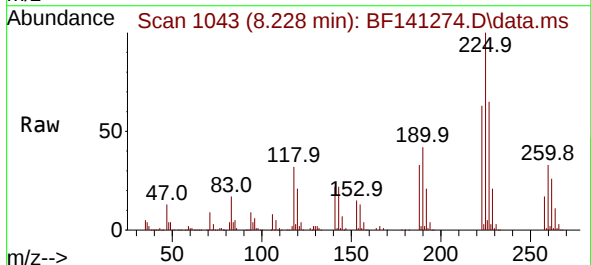
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

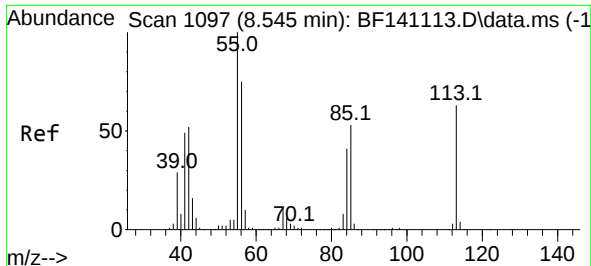
Tgt Ion:127	Resp:	81542
Ion Ratio	Lower	Upper
127	100	
129	32.7	25.9 38.9
65	28.5	23.8 35.8
92	19.6	15.2 22.8



#34
Hexachlorobutadiene
Concen: 42.891 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:225	Resp:	231282
Ion Ratio	Lower	Upper
225	100	
223	62.6	50.6 76.0
227	64.9	51.6 77.4

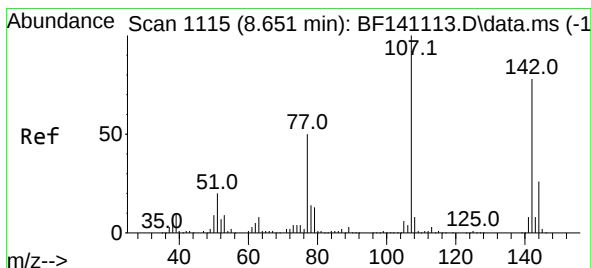
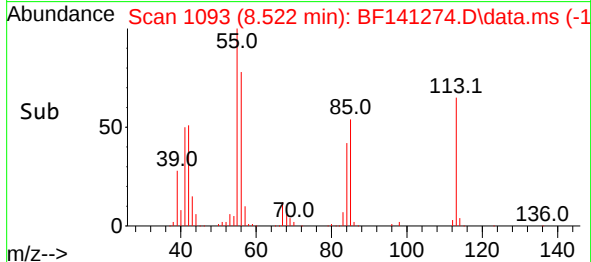
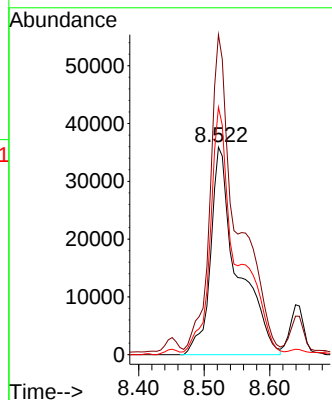
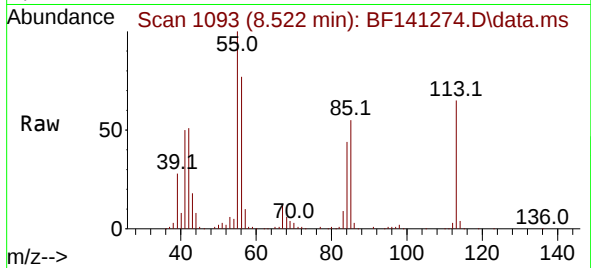




#35
 Caprolactam
 Concen: 40.012 ng
 RT: 8.522 min Scan# 1109
 Delta R.T. -0.024 min
 Lab File: BF141274.D
 Acq: 27 Jan 2025 15:58

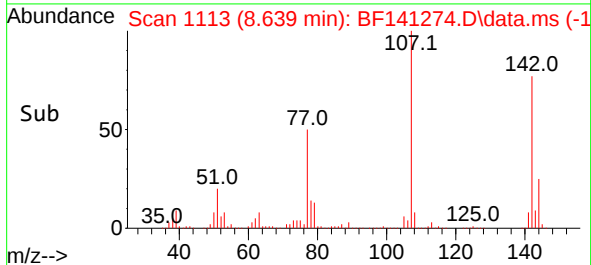
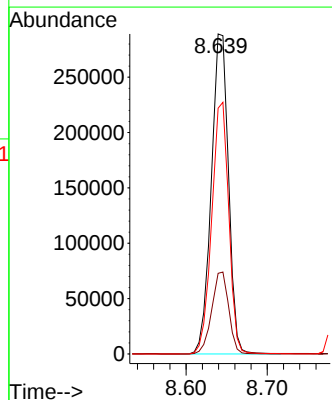
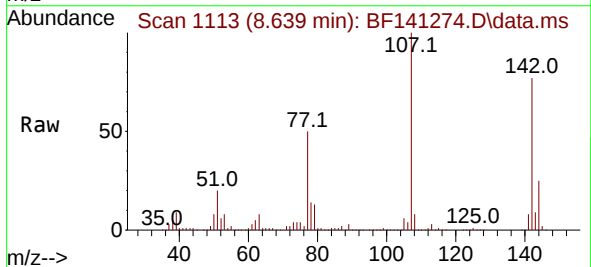
Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0006MS

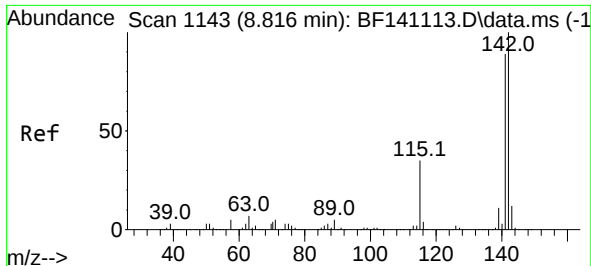
Tgt Ion:113 Resp: 102559
 Ion Ratio Lower Upper
 113 100
 55 154.2 139.7 179.7
 56 119.2 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 49.618 ng
 RT: 8.639 min Scan# 1113
 Delta R.T. -0.012 min
 Lab File: BF141274.D
 Acq: 27 Jan 2025 15:58

Tgt Ion:107 Resp: 424852
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.4 30.6
 142 76.8 62.2 93.2

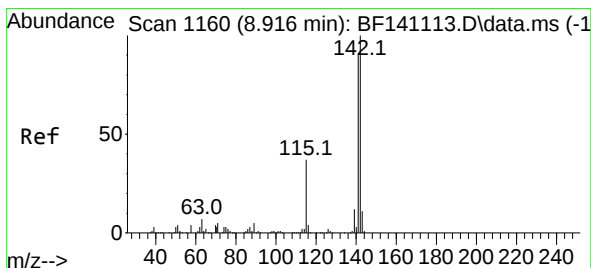
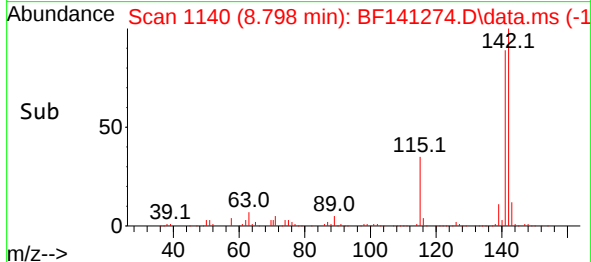
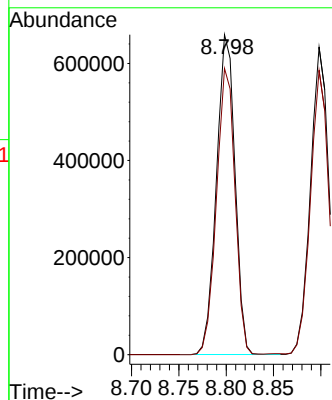
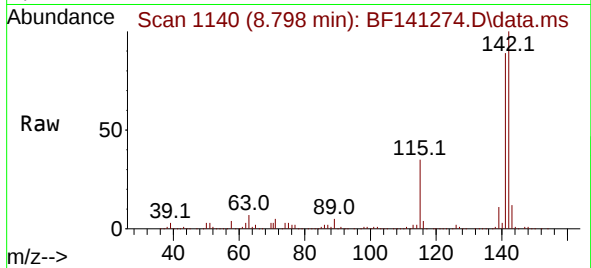




#37
2-Methylnaphthalene
Concen: 49.013 ng
RT: 8.798 min Scan# 1143
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

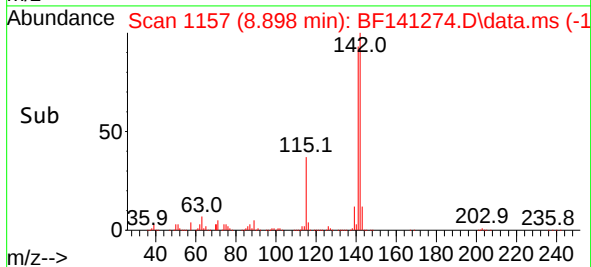
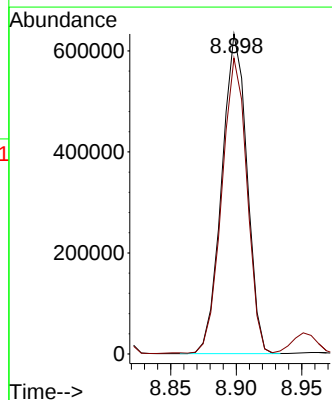
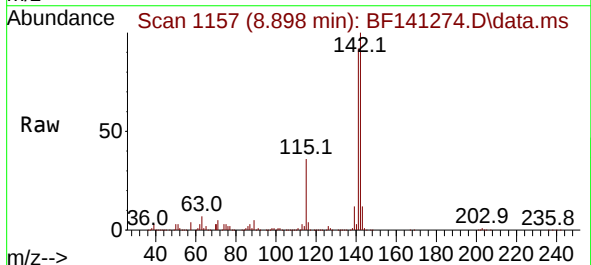
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

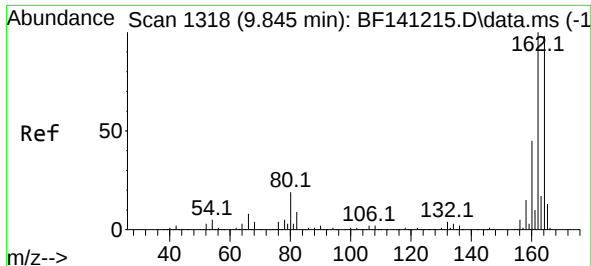
Tgt Ion:142 Resp: 900042
Ion Ratio Lower Upper
142 100
141 89.4 71.3 106.9



#38
1-Methylnaphthalene
Concen: 46.757 ng
RT: 8.898 min Scan# 1157
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

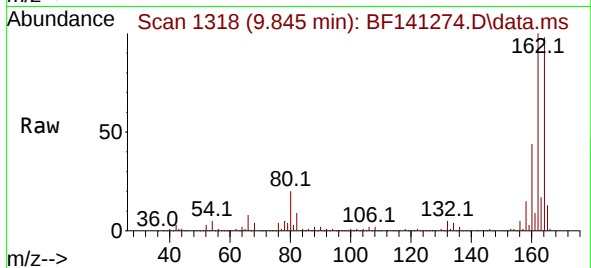
Tgt Ion:142 Resp: 846188
Ion Ratio Lower Upper
142 100
141 92.4 73.1 109.7



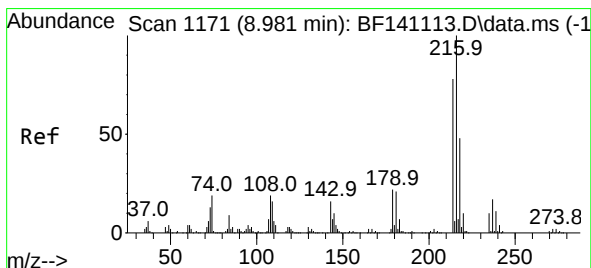
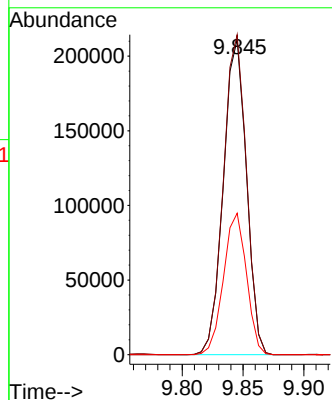
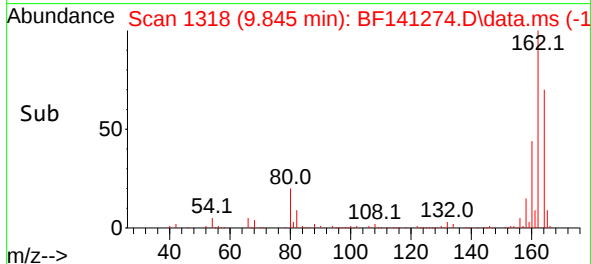


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

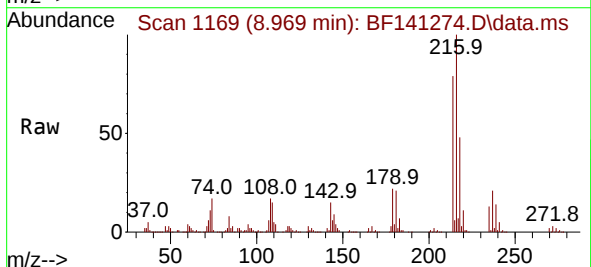
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



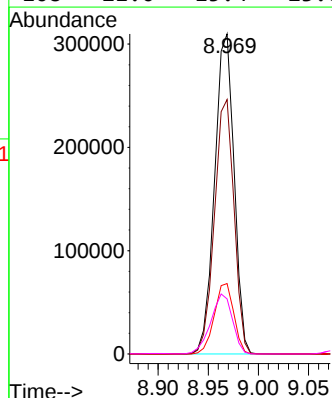
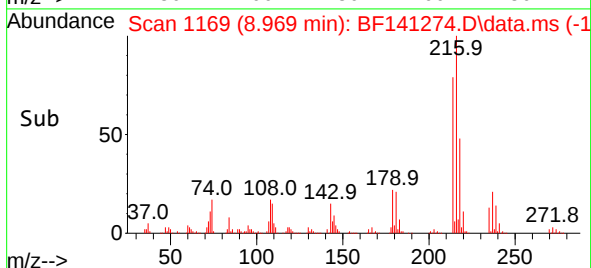
Tgt Ion:164 Resp: 278078
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.4
160 44.9 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.342 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58



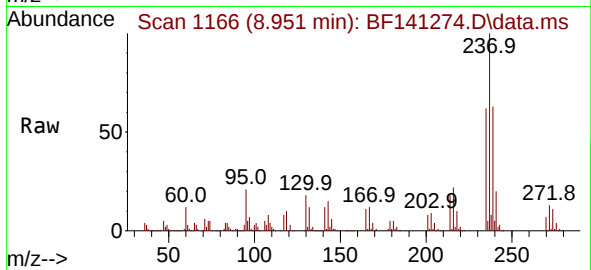
Tgt Ion:216 Resp: 417758
Ion Ratio Lower Upper
216 100
214 79.8 62.6 94.0
179 22.1 17.7 26.5
108 21.0 15.4 23.0



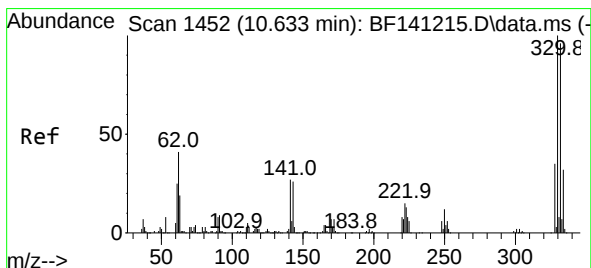
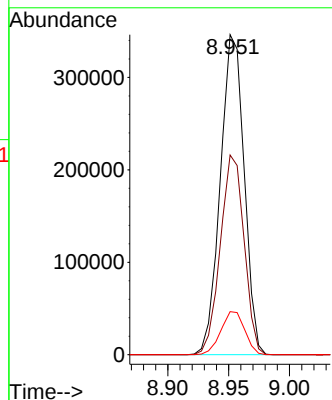
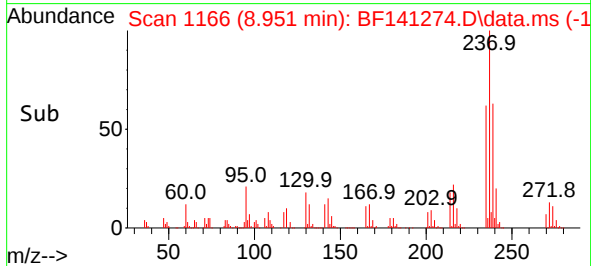


#41
Hexachlorocyclopentadiene
Concen: 180.949 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

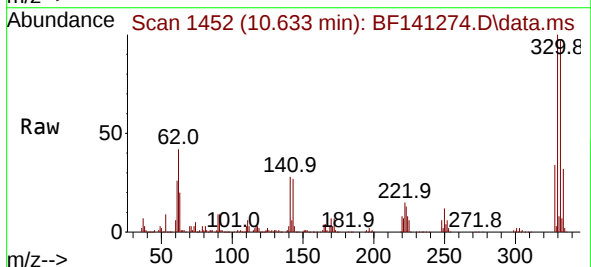
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



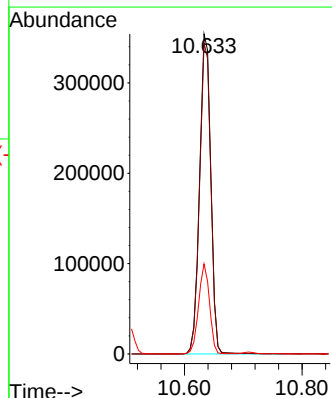
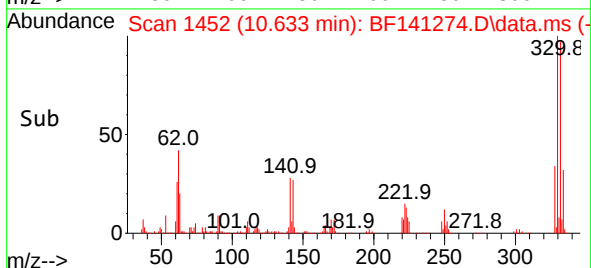
Tgt Ion:237 Resp: 472502
Ion Ratio Lower Upper
237 100
235 62.4 43.0 83.0
272 13.4 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 148.114 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58



Tgt Ion:330 Resp: 469302
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 27.4 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 53.912 ng

RT: 9.081 min Scan# 1188

Delta R.T. -0.012 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MS

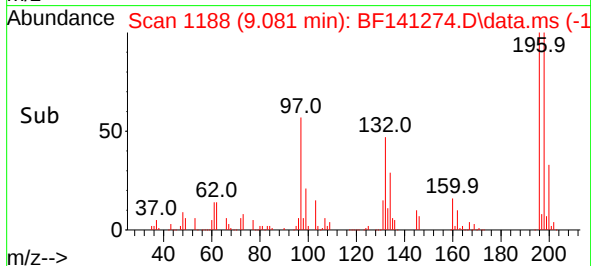
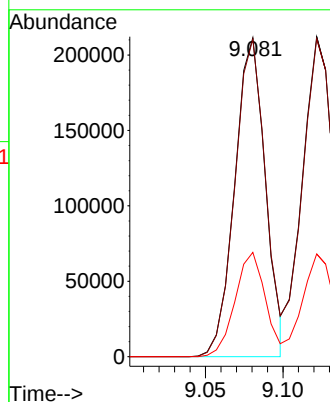
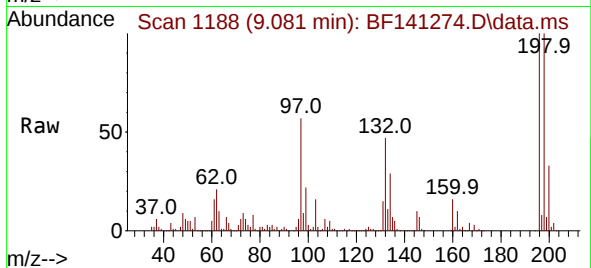
Tgt Ion:196 Resp: 290208

Ion Ratio Lower Upper

196 100

198 99.6 80.8 121.2

200 32.7 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 52.369 ng

RT: 9.122 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

Tgt Ion:196 Resp: 297720

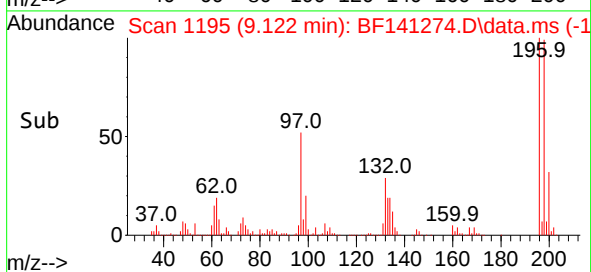
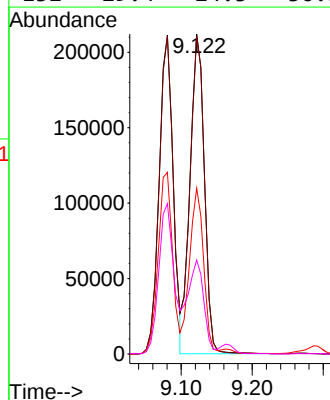
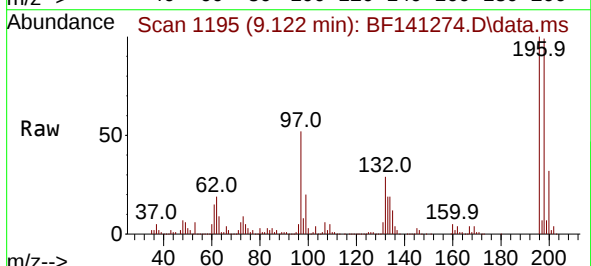
Ion Ratio Lower Upper

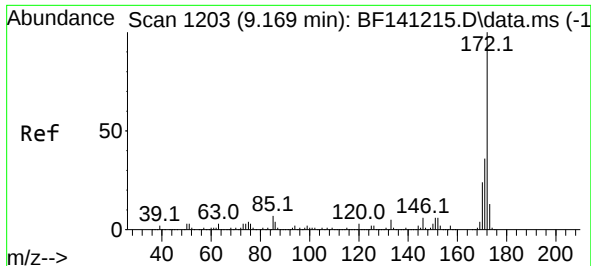
196 100

198 99.3 80.6 120.8

97 51.8 43.1 64.7

132 29.4 24.3 36.5

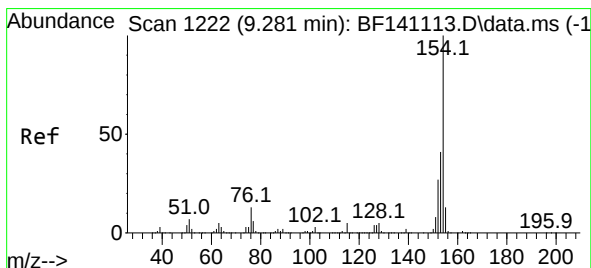
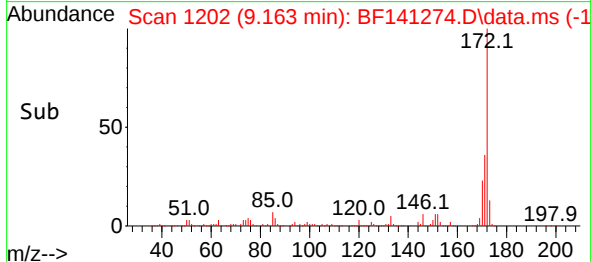
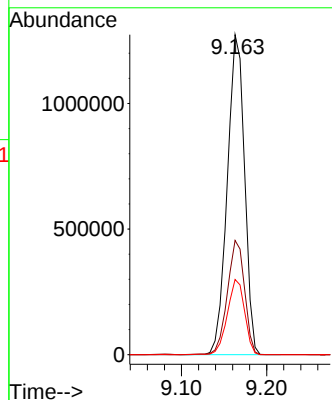
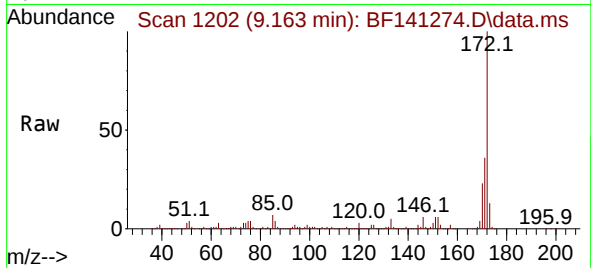




#45
2-Fluorobiphenyl
Concen: 98.317 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

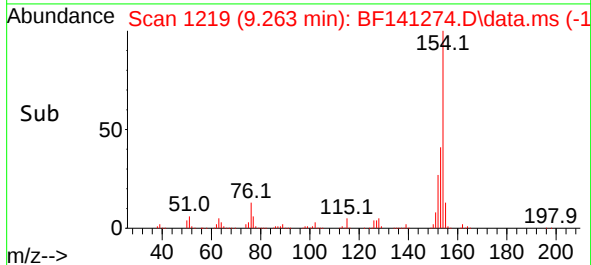
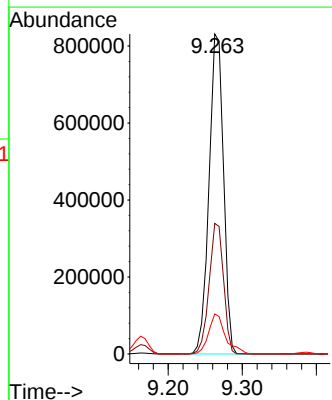
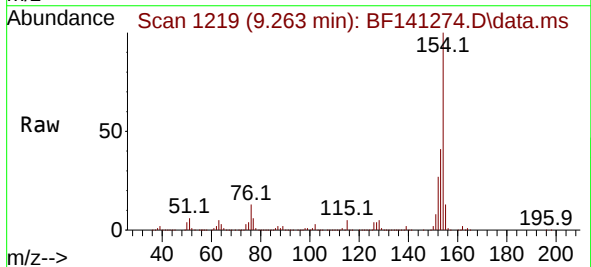
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

Tgt Ion:172 Resp: 1790366
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 23.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 52.147 ng
RT: 9.263 min Scan# 1219
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:154 Resp: 1126147
Ion Ratio Lower Upper
154 100
153 40.8 20.7 60.7
76 12.5 0.0 33.1





#47

2-Chloronaphthalene

Concen: 49.961 ng

RT: 9.292 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MS

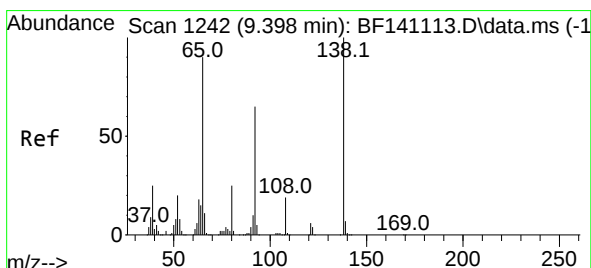
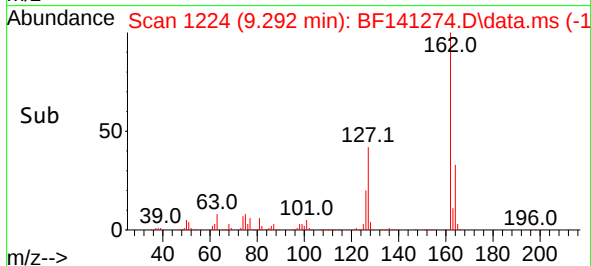
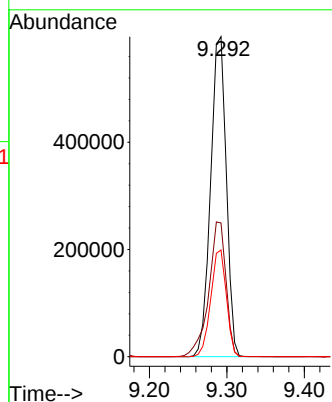
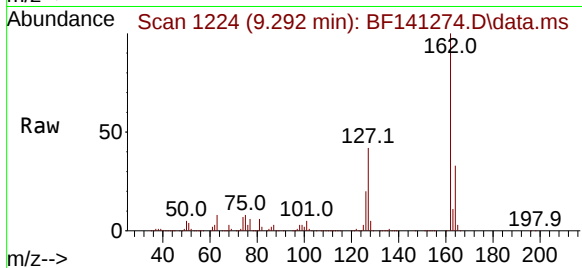
Tgt Ion:162 Resp: 840350

Ion Ratio Lower Upper

162 100

127 41.8 34.6 51.8

164 33.3 26.5 39.7



#48

2-Nitroaniline

Concen: 49.597 ng

RT: 9.386 min Scan# 1240

Delta R.T. -0.012 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

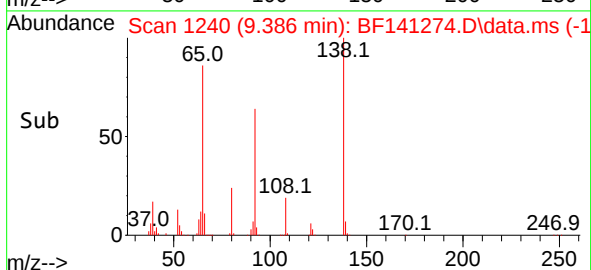
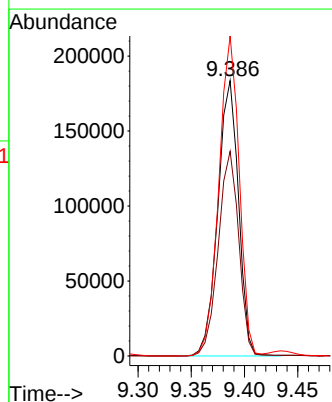
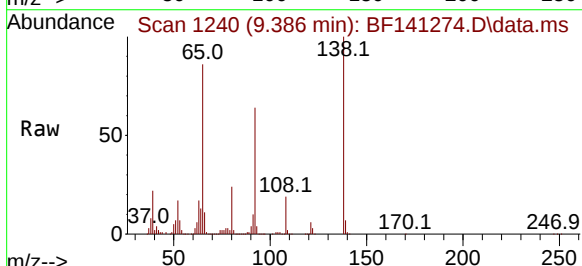
Tgt Ion: 65 Resp: 247293

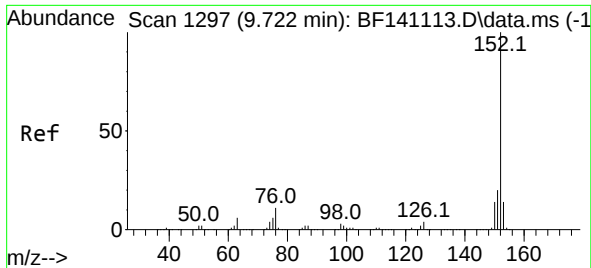
Ion Ratio Lower Upper

65 100

92 74.3 58.3 87.5

138 116.2 89.1 133.7





#49

Acenaphthylene

Concen: 54.491 ng

RT: 9.704 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MS

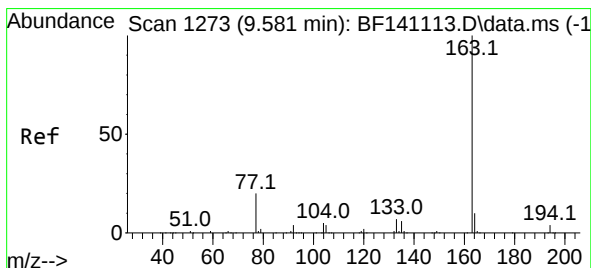
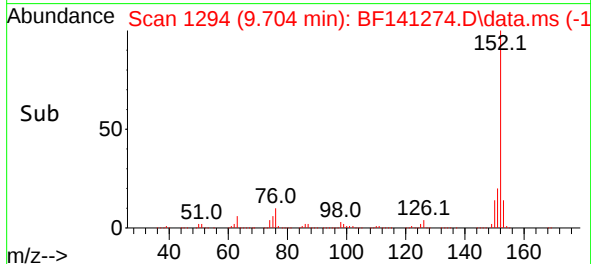
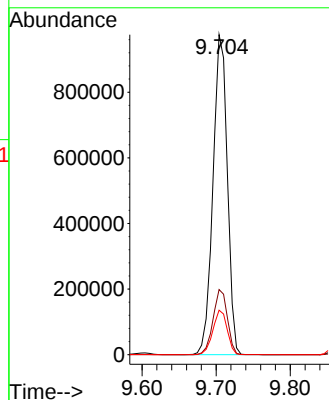
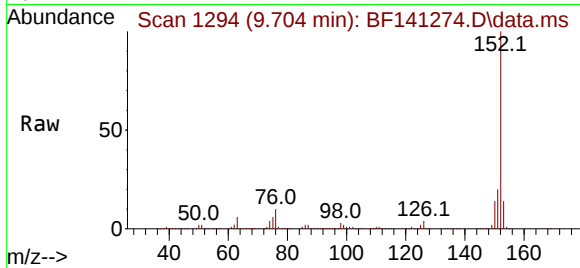
Tgt Ion:152 Resp: 1309476

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

153 13.9 11.1 16.7



#50

Dimethylphthalate

Concen: 54.002 ng

RT: 9.569 min Scan# 1271

Delta R.T. -0.012 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

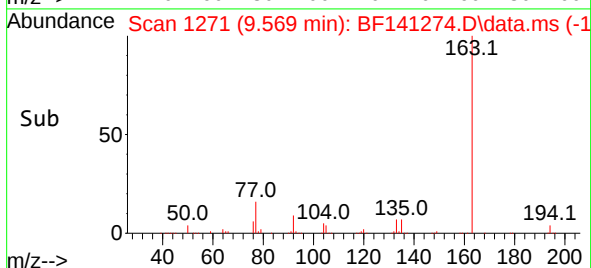
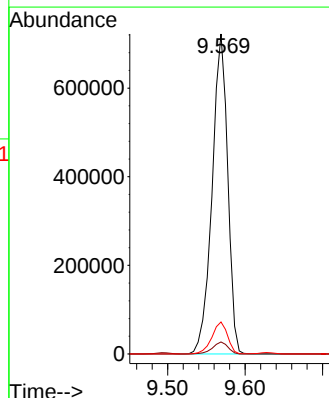
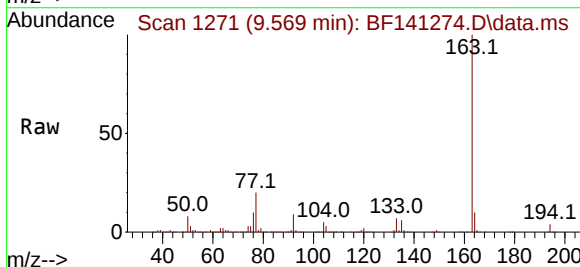
Tgt Ion:163 Resp: 1008135

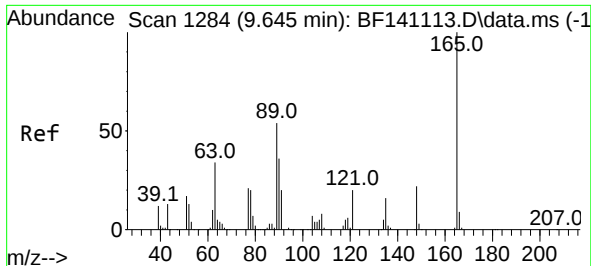
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.0 8.2 12.4

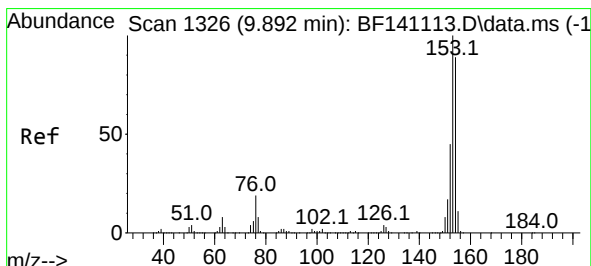
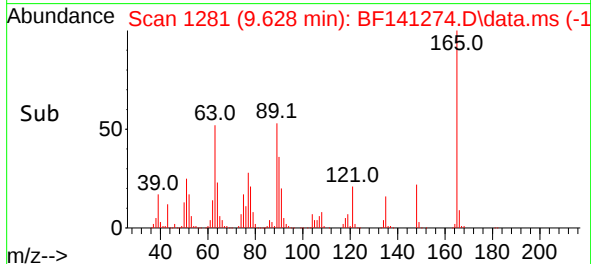
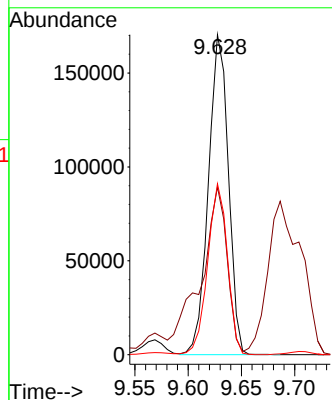
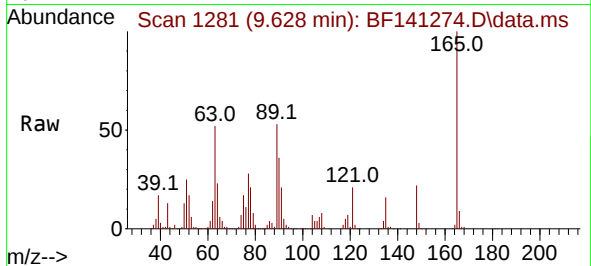




#51
2,6-Dinitrotoluene
Concen: 51.197 ng
RT: 9.628 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

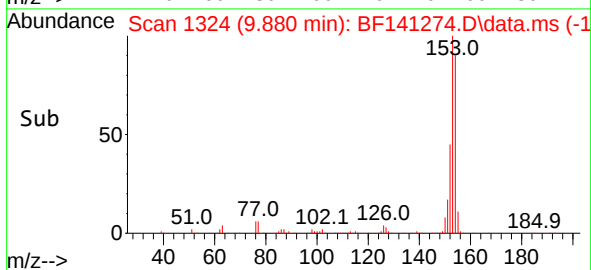
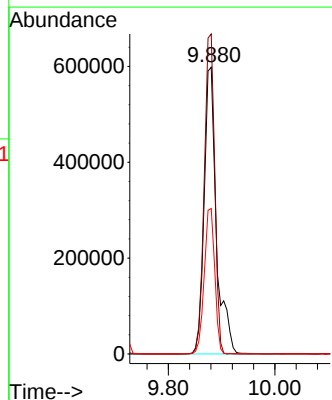
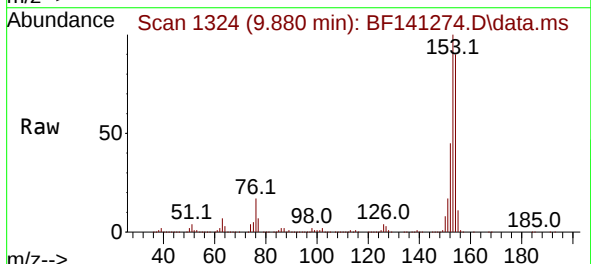
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

Tgt Ion:165 Resp: 222261
Ion Ratio Lower Upper
165 100
63 52.4 42.3 63.5
89 53.4 43.1 64.7



#52
Acenaphthene
Concen: 57.162 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:154 Resp: 959706
Ion Ratio Lower Upper
154 100
153 111.6 89.8 134.6
152 50.7 40.8 61.2

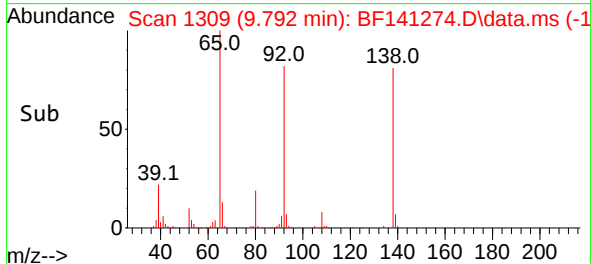
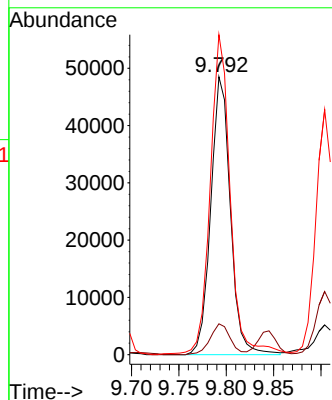
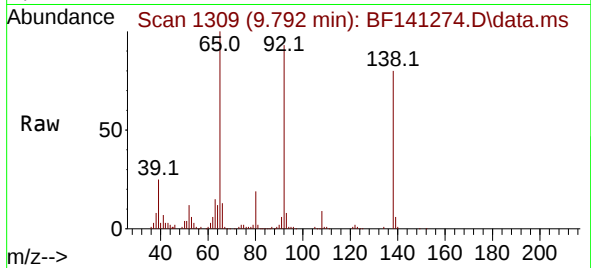




#53
3-Nitroaniline
Concen: 15.808 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

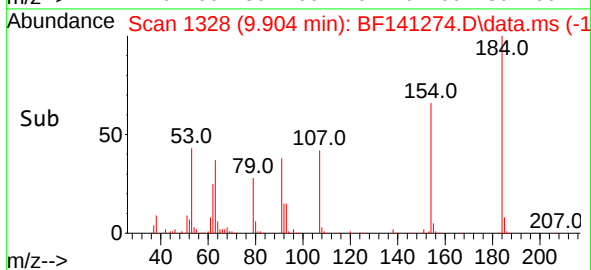
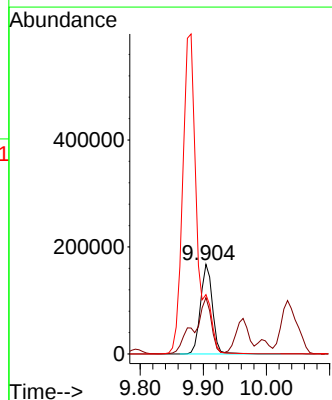
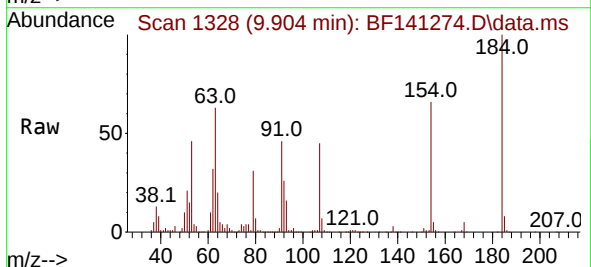
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

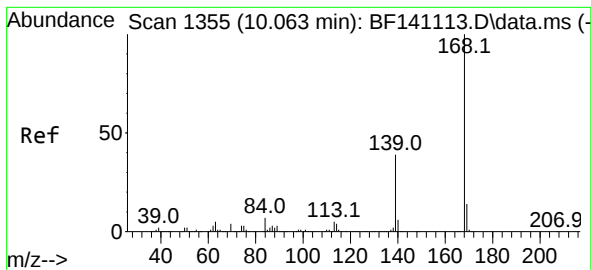
Tgt Ion:138 Resp: 69737
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 115.2 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 106.970 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:184 Resp: 220732
Ion Ratio Lower Upper
184 100
63 62.9 48.7 73.1
154 66.2 57.1 85.7

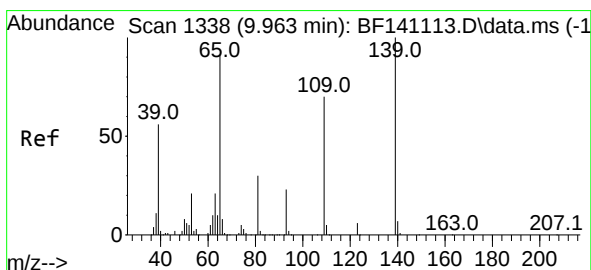
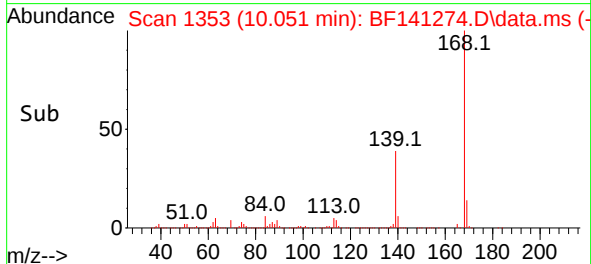
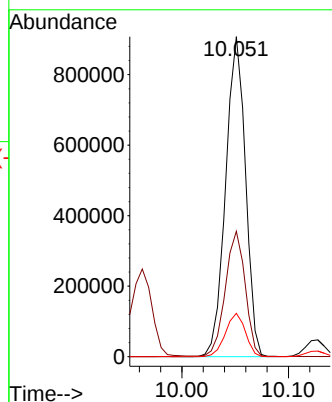
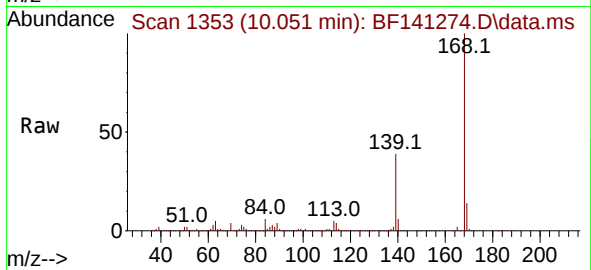




#55
Dibenzenofuran
Concen: 51.342 ng
RT: 10.051 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

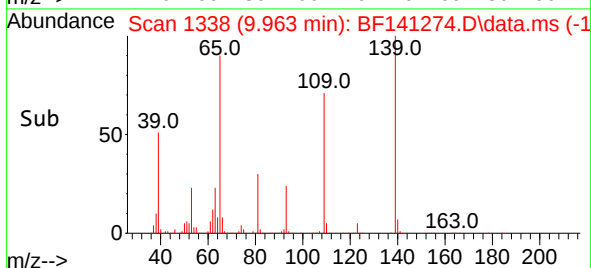
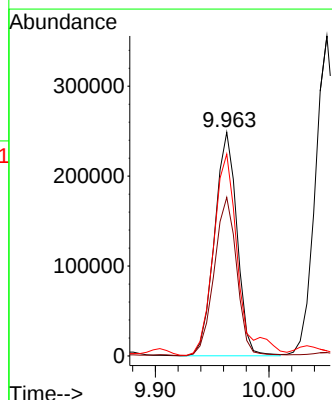
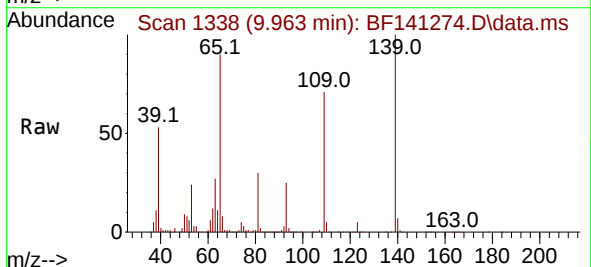
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

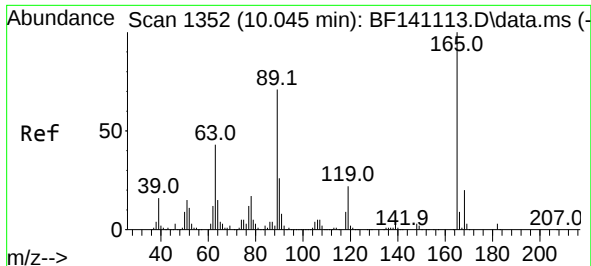
Tgt Ion:168 Resp: 1172480
Ion Ratio Lower Upper
168 100
139 39.2 31.4 47.0
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 99.279 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:139 Resp: 343016
Ion Ratio Lower Upper
139 100
109 70.9 50.2 90.2
65 90.3 72.1 112.1

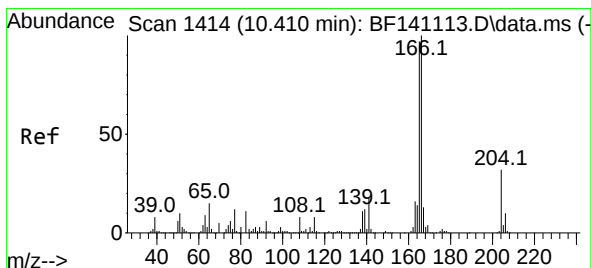
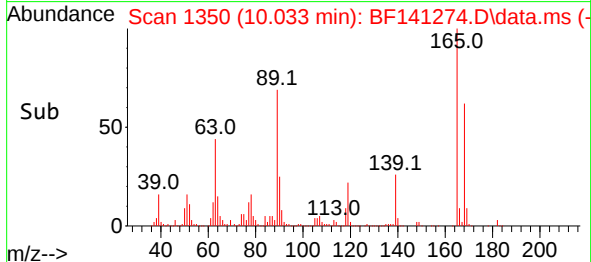
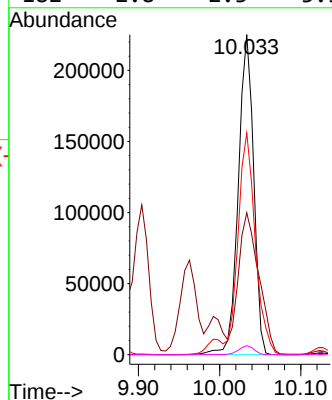
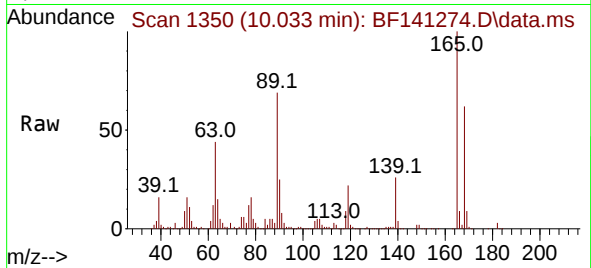




#57
2,4-Dinitrotoluene
Concen: 52.641 ng
RT: 10.033 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

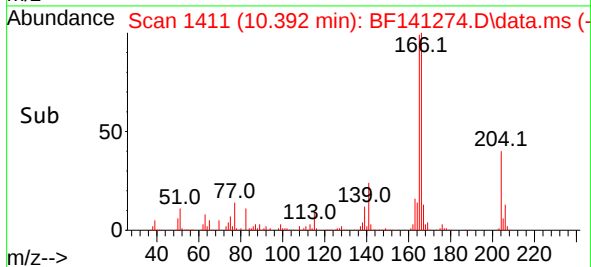
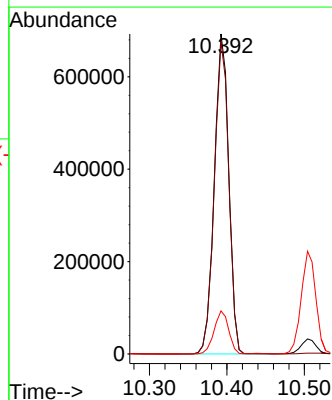
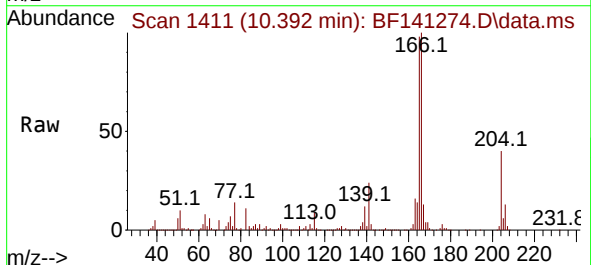
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

Tgt Ion:165 Resp: 294515
Ion Ratio Lower Upper
165 100
63 44.3 35.0 52.4
89 69.3 56.7 85.1
182 2.8 2.3 3.5



#58
Fluorene
Concen: 50.801 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:166 Resp: 901308
Ion Ratio Lower Upper
166 100
165 97.5 77.8 116.8
167 13.5 10.8 16.2

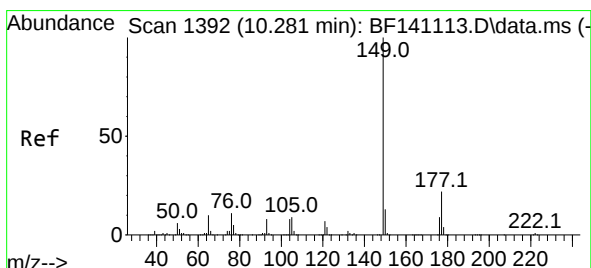
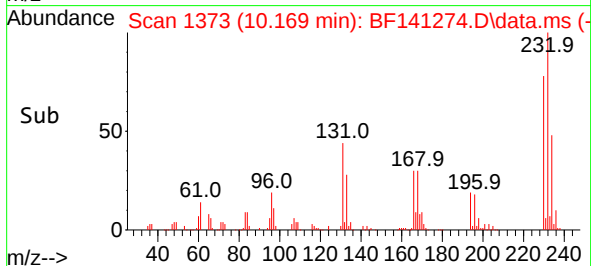
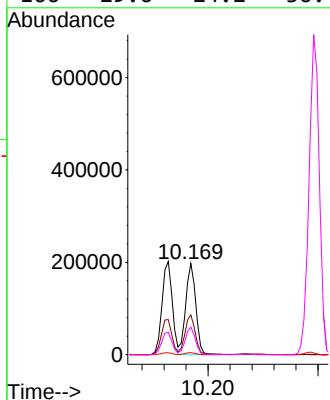
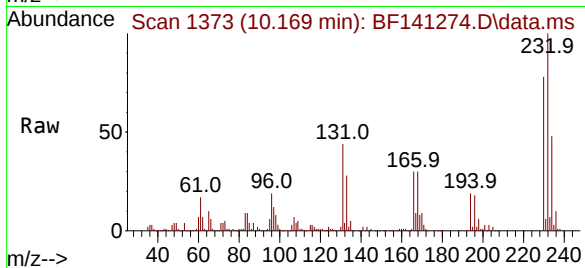




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.562 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

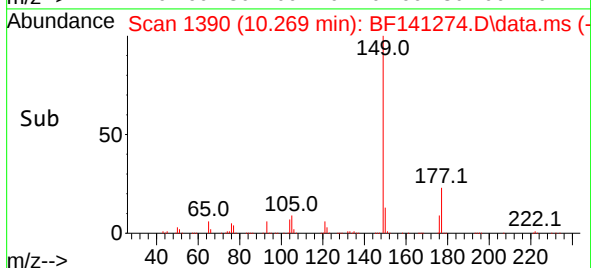
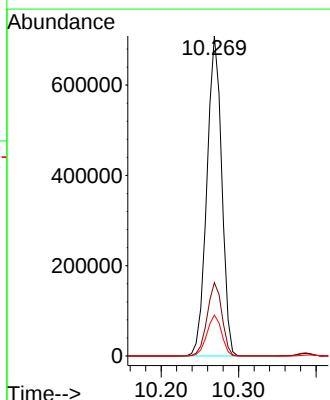
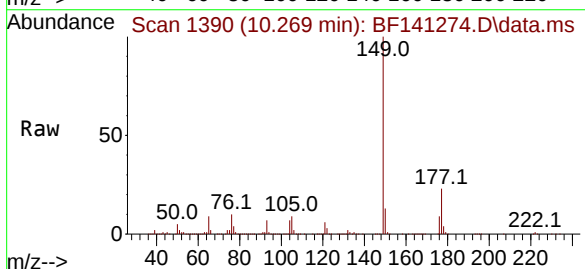
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

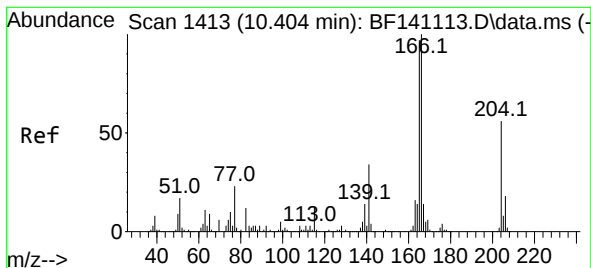
Tgt Ion:232 Resp: 253105
Ion Ratio Lower Upper
232 100
131 44.1 36.2 54.4
130 2.3 2.0 3.0
166 29.6 24.2 36.4



#60
Diethylphthalate
Concen: 51.597 ng
RT: 10.269 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:149 Resp: 940372
Ion Ratio Lower Upper
149 100
177 22.9 17.9 26.9
150 12.7 10.2 15.2

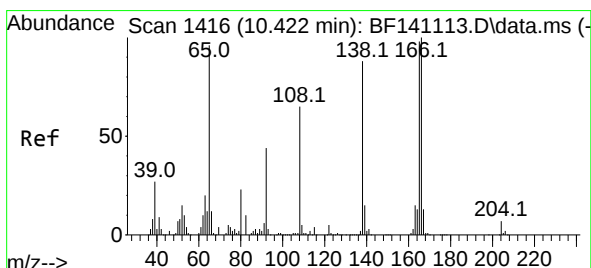
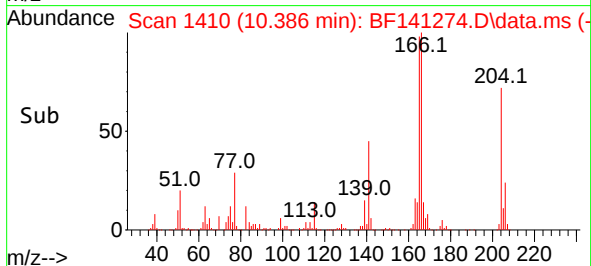
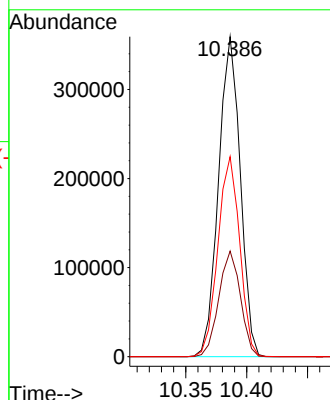
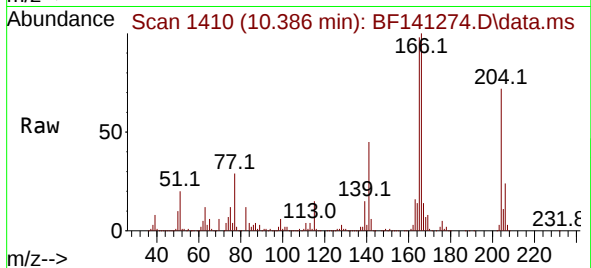




#61
4-Chlorophenyl-phenylether
Concen: 51.608 ng
RT: 10.386 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

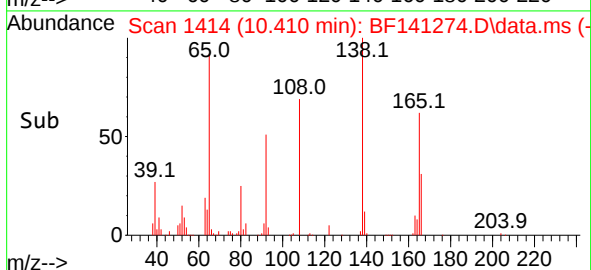
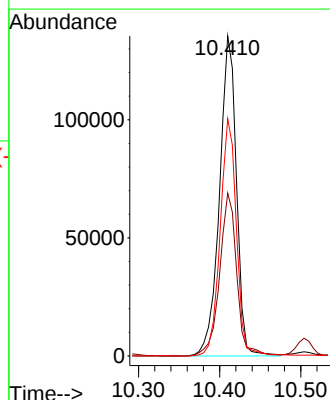
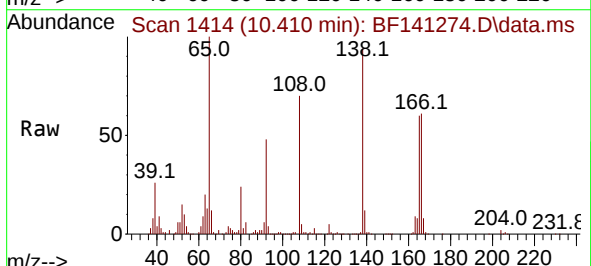
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

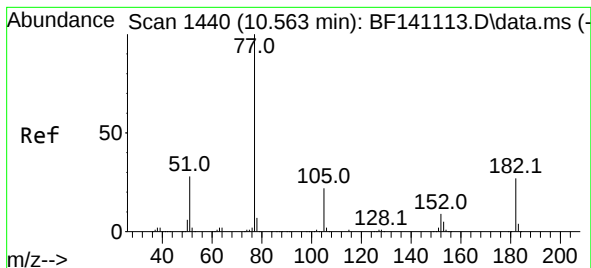
Tgt Ion:204 Resp: 446268
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 62.5 49.1 73.7



#62
4-Nitroaniline
Concen: 45.693 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:138 Resp: 197300
Ion Ratio Lower Upper
138 100
92 50.9 29.4 69.4
108 74.1 53.7 93.7





#63

Azobenzene

Concen: 50.297 ng

RT: 10.545 min Scan# 1440

Delta R.T. -0.018 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MS

Tgt Ion: 77 Resp: 904504

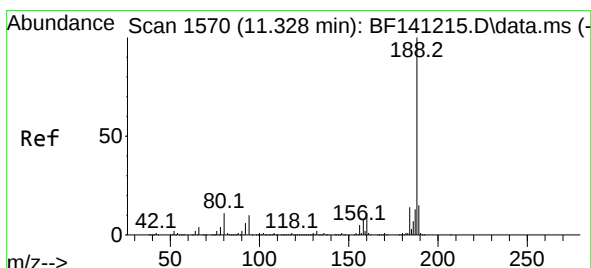
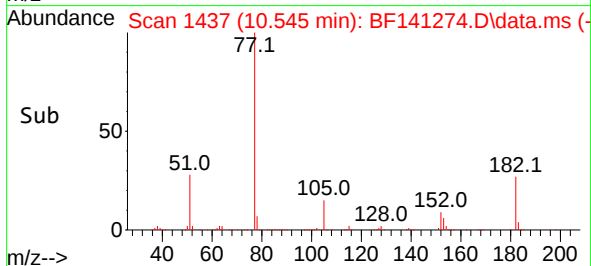
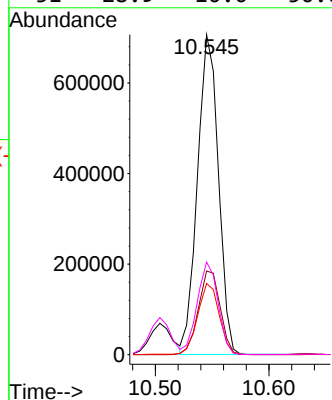
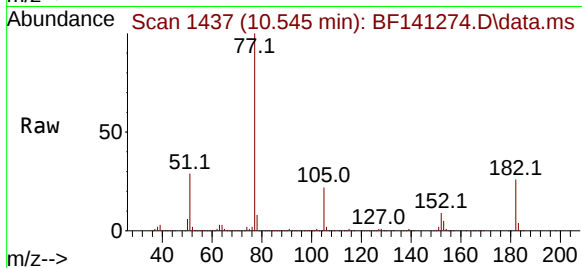
Ion Ratio Lower Upper

77 100

182 26.2 6.1 46.1

105 22.2 2.1 42.1

51 28.9 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1571

Delta R.T. -0.012 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

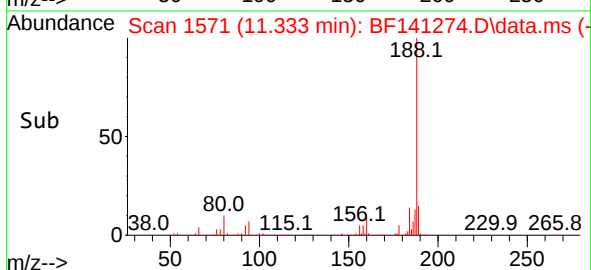
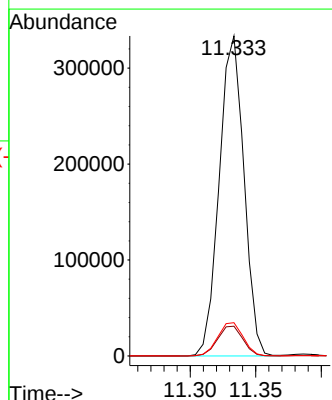
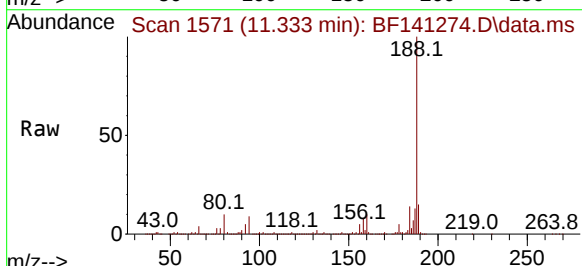
Tgt Ion:188 Resp: 436550

Ion Ratio Lower Upper

188 100

94 9.3 8.3 12.5

80 10.4 9.0 13.4

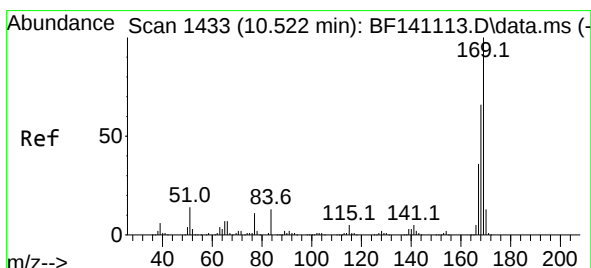
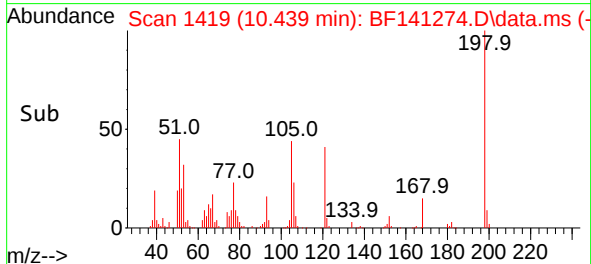
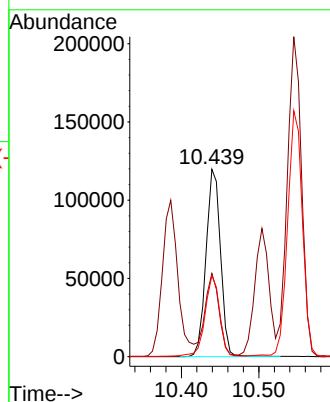
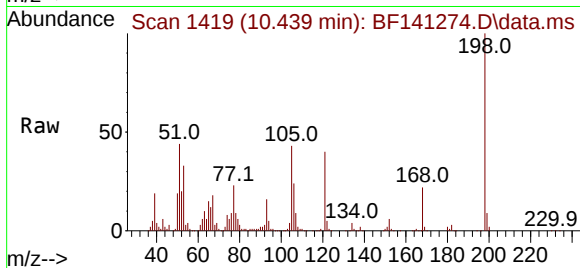




#65
4,6-Dinitro-2-methylphenol
Concen: 61.632 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

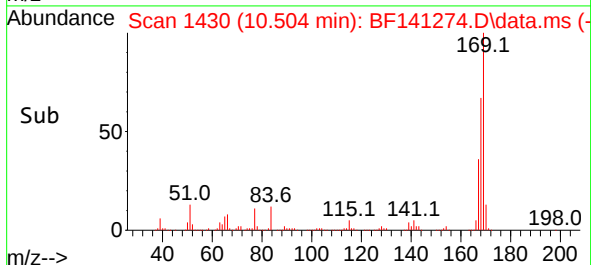
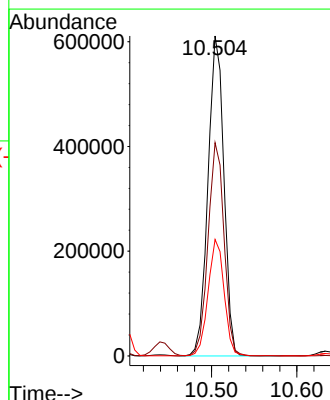
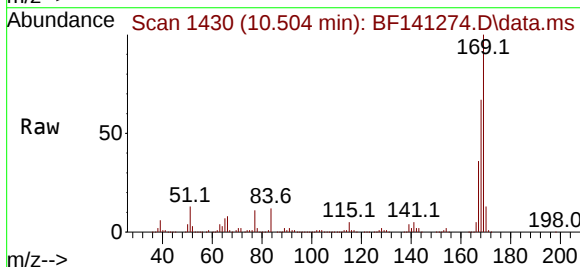
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

Tgt Ion:198 Resp: 155910
Ion Ratio Lower Upper
198 100
51 44.4 27.1 67.1
105 43.3 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 56.227 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:169 Resp: 791712
Ion Ratio Lower Upper
169 100
168 66.7 52.5 78.7
167 36.4 28.9 43.3

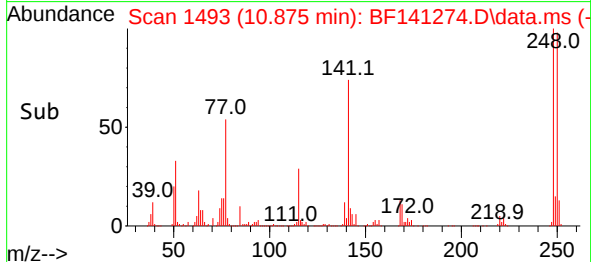
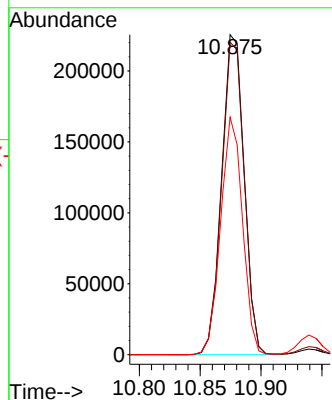
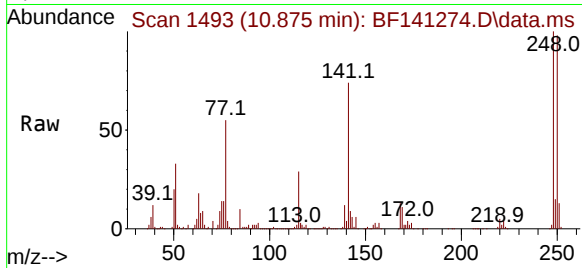




#67
4-Bromophenyl-phenylether
Concen: 57.970 ng
RT: 10.875 min Scan# 1496
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

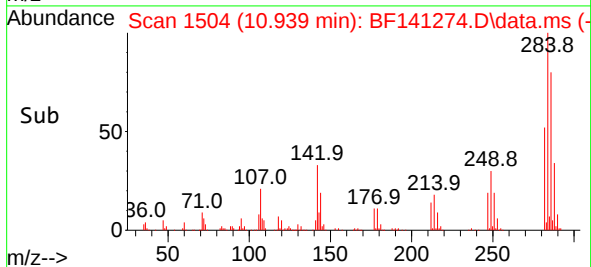
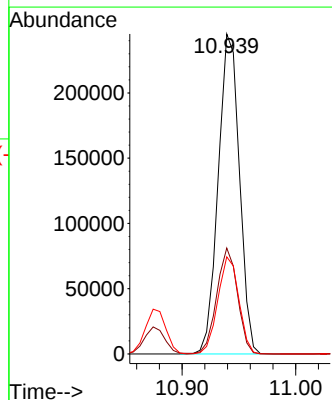
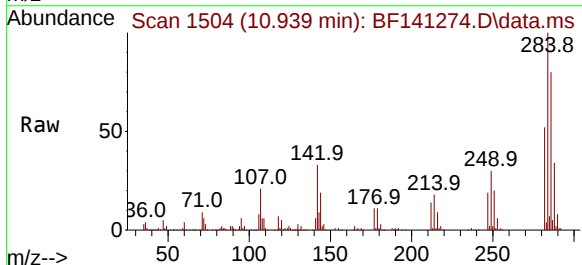
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

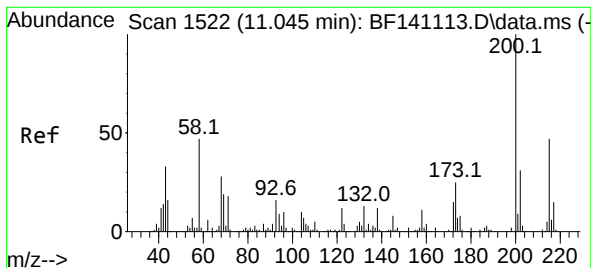
Tgt Ion:248 Resp: 291359
Ion Ratio Lower Upper
248 100
250 97.6 77.9 116.9
141 74.2 59.9 89.9



#68
Hexachlorobenzene
Concen: 56.910 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.018 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:284 Resp: 318402
Ion Ratio Lower Upper
284 100
142 33.1 26.3 39.5
249 30.4 24.9 37.3





#69

Atrazine

Concen: 68.205 ng

RT: 11.033 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MS

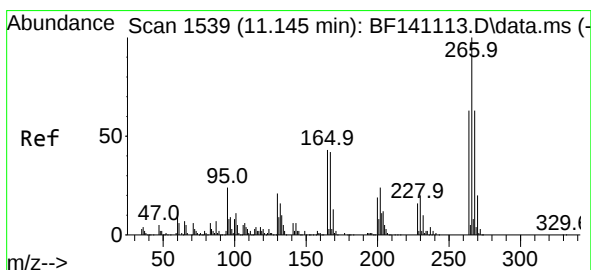
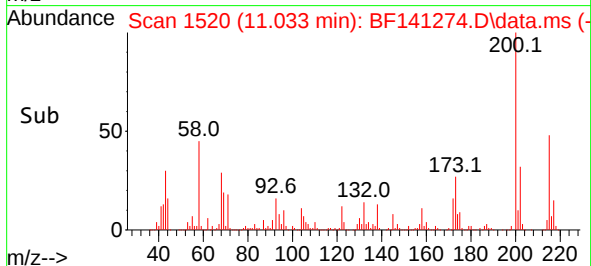
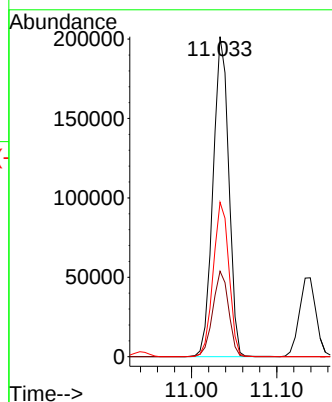
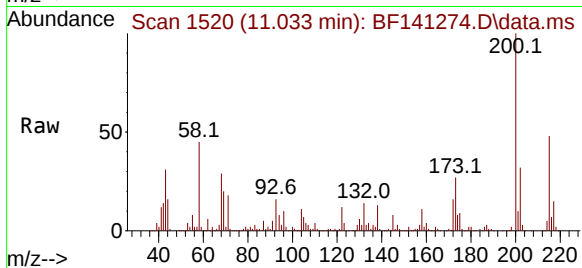
Tgt Ion:200 Resp: 258588

Ion Ratio Lower Upper

200 100

173 26.7 5.4 45.4

215 48.3 26.6 66.6



#70

Pentachlorophenol

Concen: 104.514 ng

RT: 11.139 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

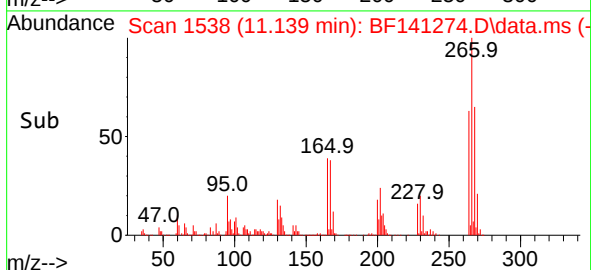
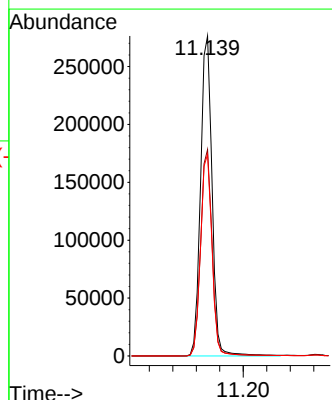
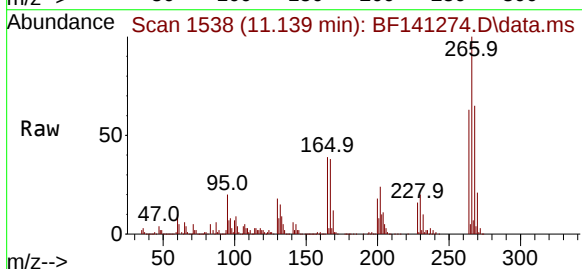
Tgt Ion:266 Resp: 374470

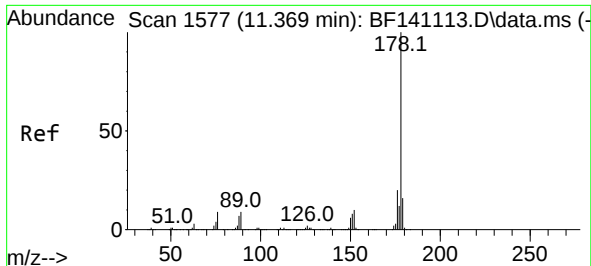
Ion Ratio Lower Upper

266 100

268 64.5 50.4 75.6

264 63.0 50.2 75.2

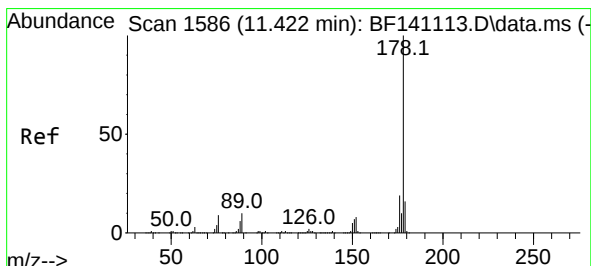
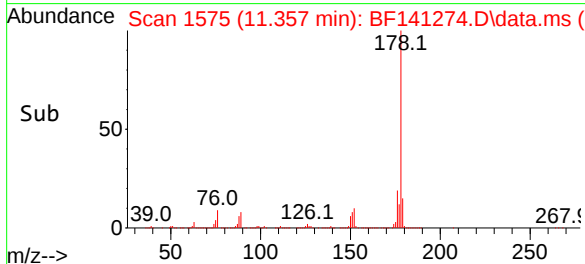
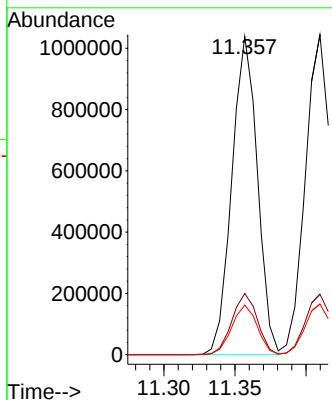
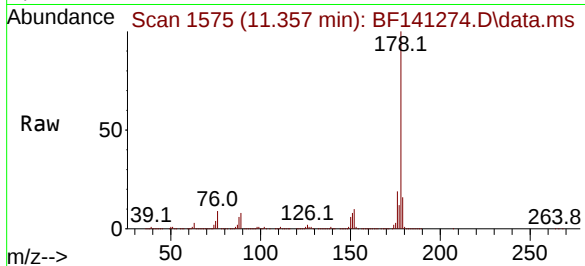




#71
Phenanthrene
Concen: 55.480 ng
RT: 11.357 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

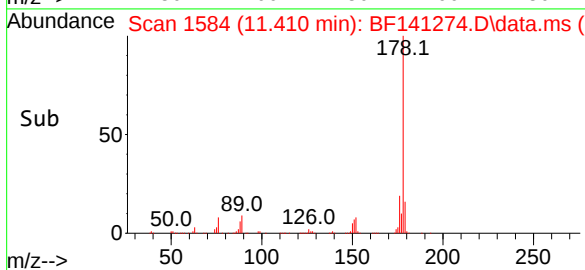
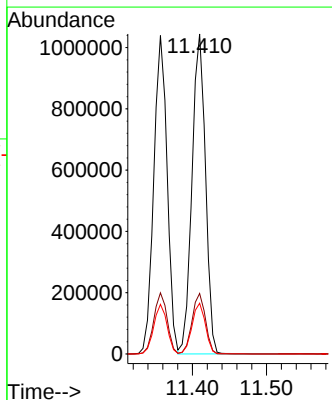
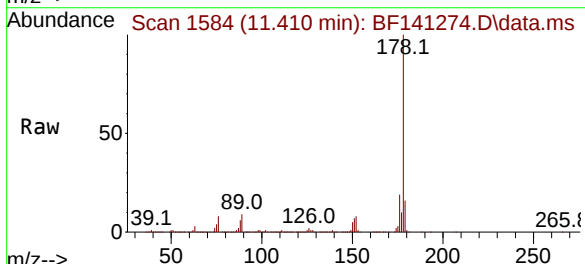
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

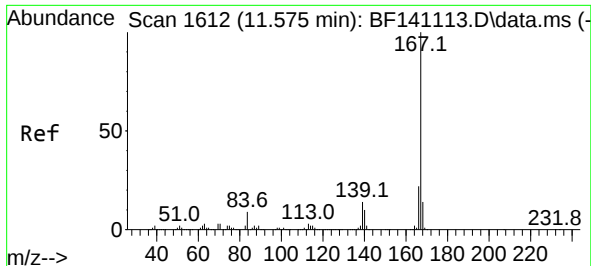
Tgt Ion:178 Resp: 1300288
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.6 12.6 19.0



#72
Anthracene
Concen: 57.804 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:178 Resp: 1317295
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.8 12.6 19.0

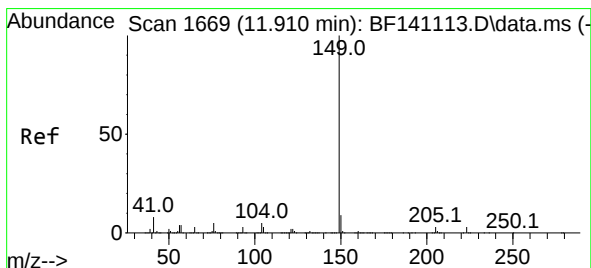
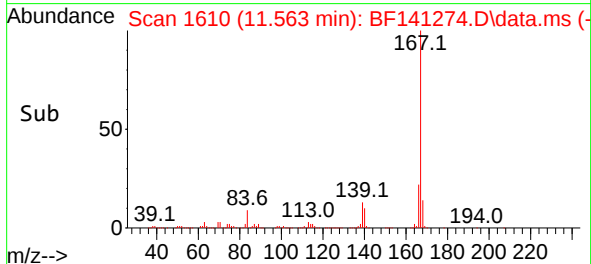
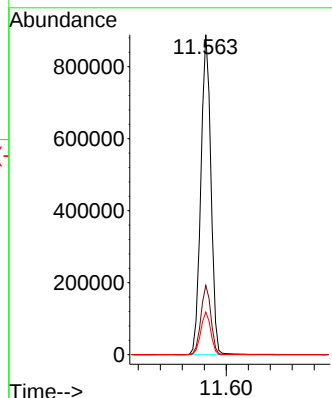
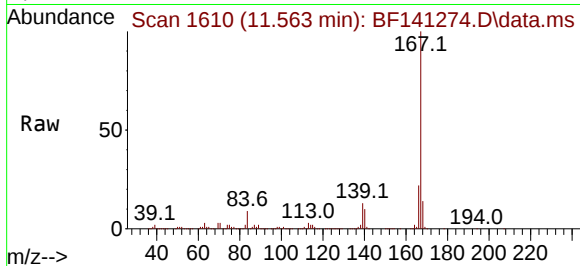




#73
 Carbazole
 Concen: 54.250 ng
 RT: 11.563 min Scan# 1610
 Delta R.T. -0.012 min
 Lab File: BF141274.D
 Acq: 27 Jan 2025 15:58

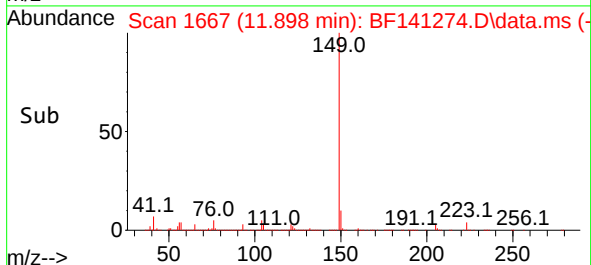
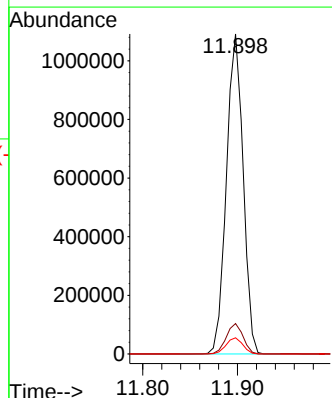
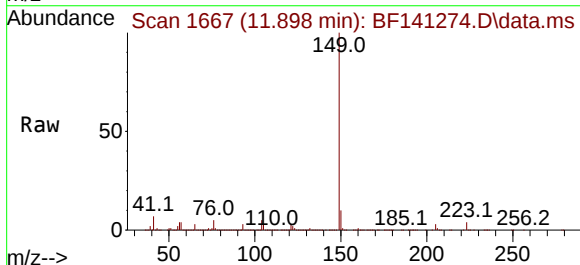
Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0006MS

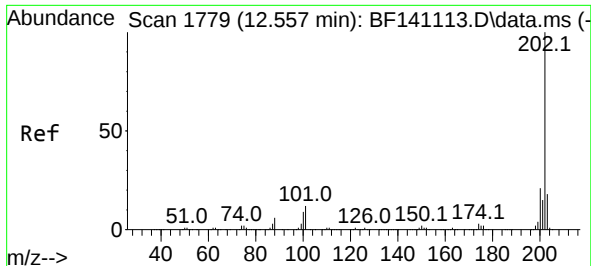
Tgt Ion:167 Resp: 1133602
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.3 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 56.113 ng
 RT: 11.898 min Scan# 1667
 Delta R.T. -0.012 min
 Lab File: BF141274.D
 Acq: 27 Jan 2025 15:58

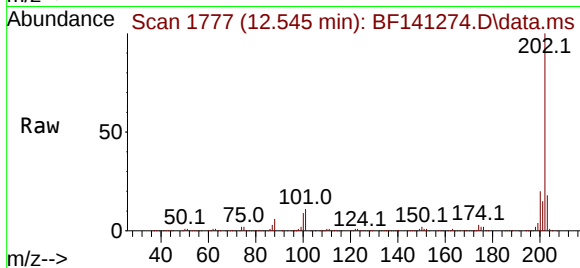
Tgt Ion:149 Resp: 1341877
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 5.1 4.2 6.2



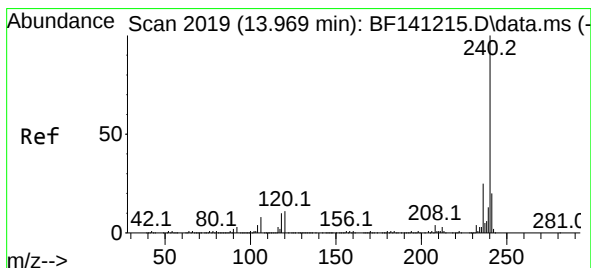
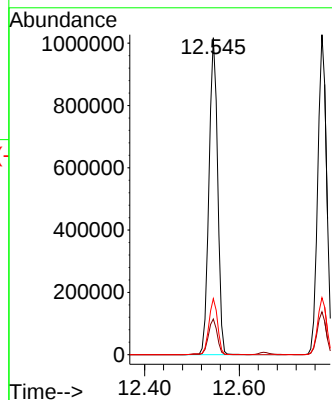
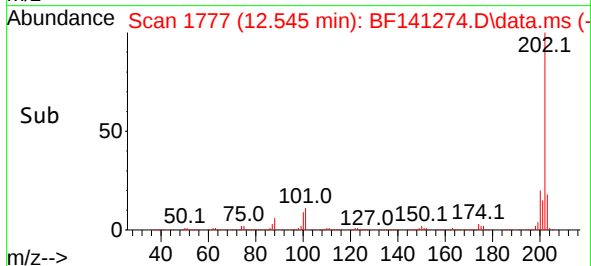


#75
Fluoranthene
Concen: 55.080 ng
RT: 12.545 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

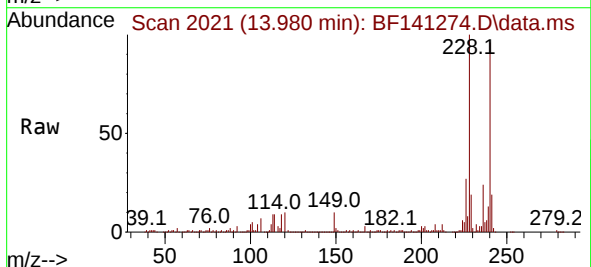
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS



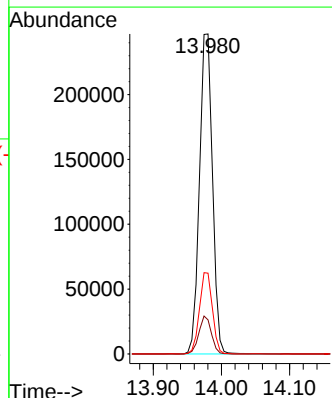
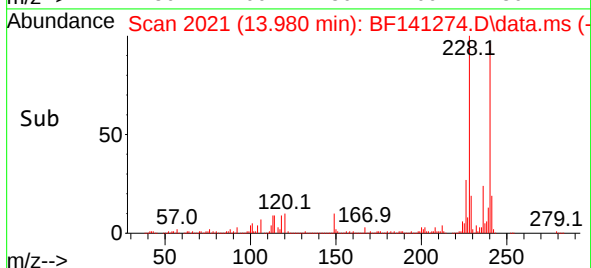
Tgt Ion:202 Resp: 1288214
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.3
203 17.7 0.0 37.7

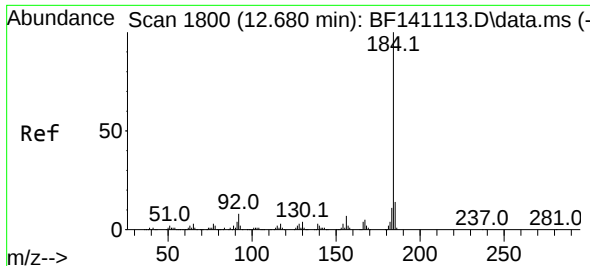


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58



Tgt Ion:240 Resp: 327616
Ion Ratio Lower Upper
240 100
120 10.7 9.1 13.7
236 25.3 19.8 29.6

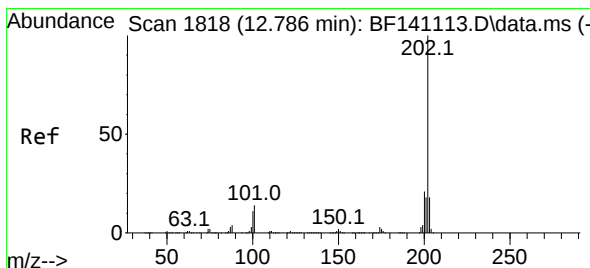
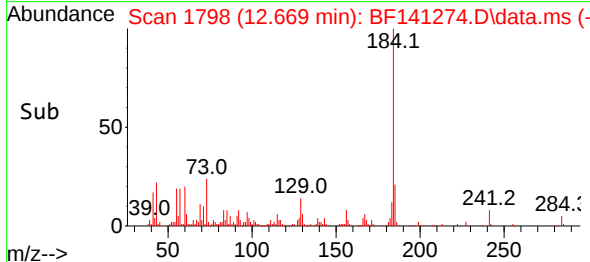
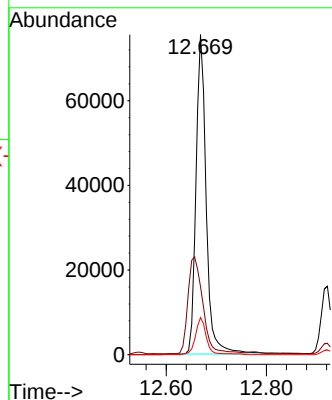
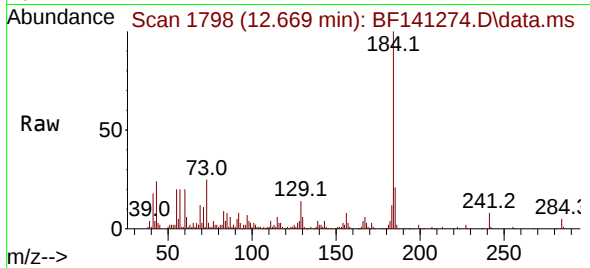




#77
Benzidine
Concen: 17.533 ng
RT: 12.669 min Scan# 1798
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

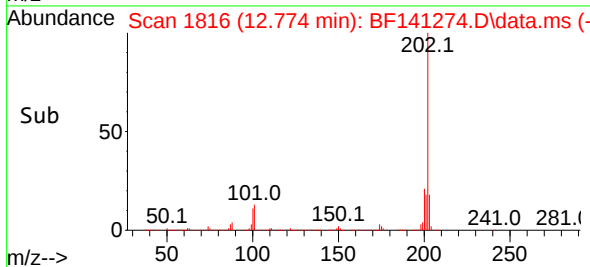
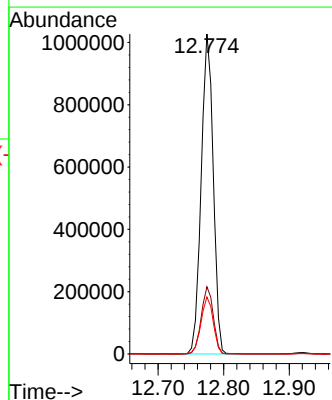
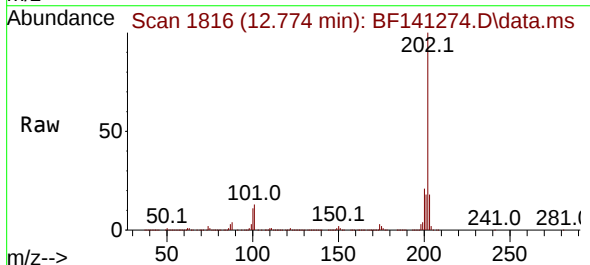
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

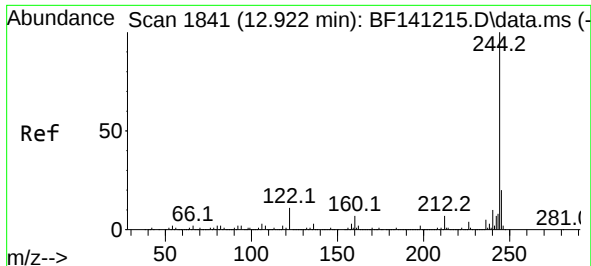
Tgt Ion:184 Resp: 106522
Ion Ratio Lower Upper
184 100
185 21.3 11.4 17.0#
183 11.6 9.2 13.8



#78
Pyrene
Concen: 42.007 ng
RT: 12.774 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:202 Resp: 1314460
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.8 14.3 21.5

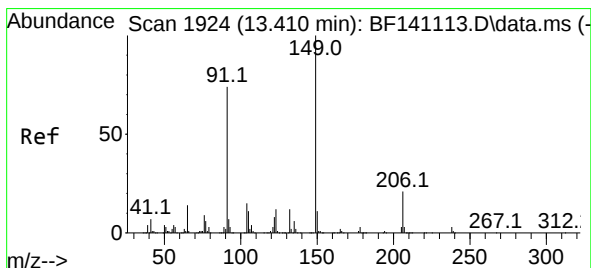
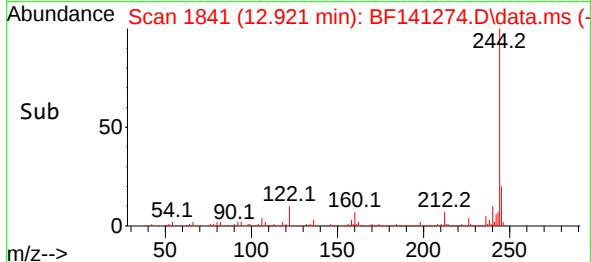
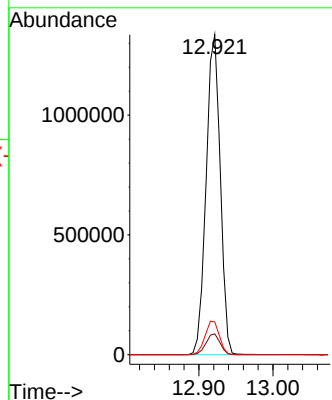
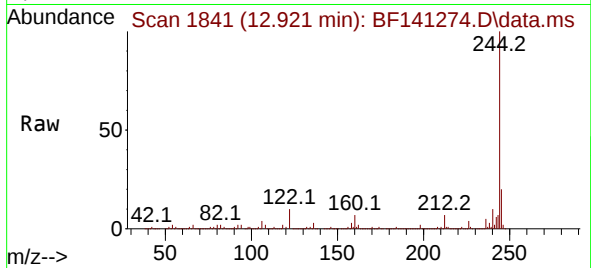




#79
 Terphenyl-d14
 Concen: 80.189 ng
 RT: 12.921 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141274.D
 Acq: 27 Jan 2025 15:58

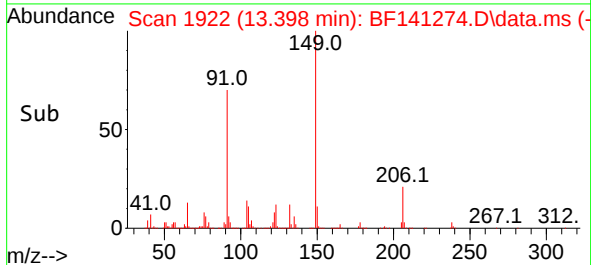
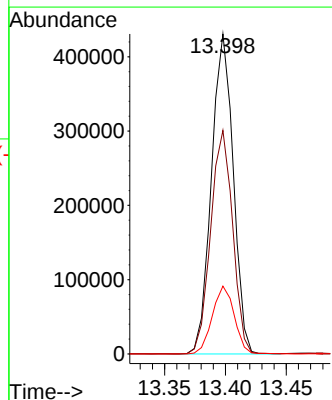
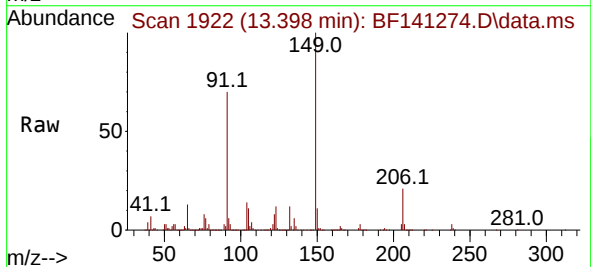
Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0006MS

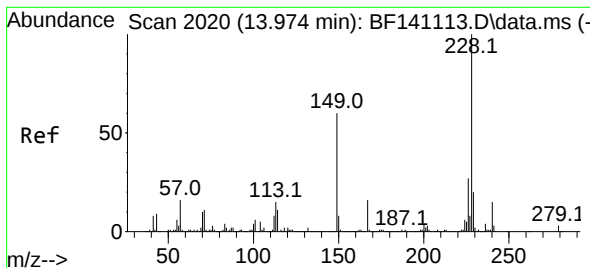
Tgt Ion:244 Resp: 1767555
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.3 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 51.405 ng
 RT: 13.398 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF141274.D
 Acq: 27 Jan 2025 15:58

Tgt Ion:149 Resp: 536294
 Ion Ratio Lower Upper
 149 100
 91 69.9 59.0 88.6
 206 21.2 16.5 24.7





#81

Benzo(a)anthracene

Concen: 52.687 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MS

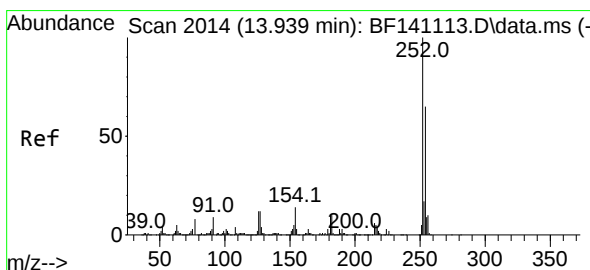
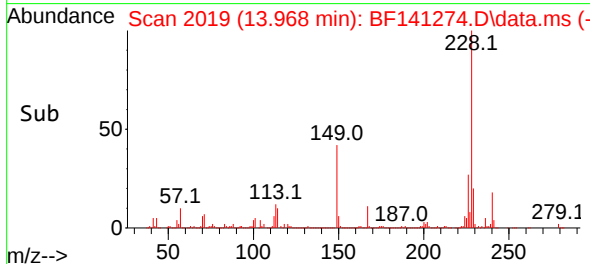
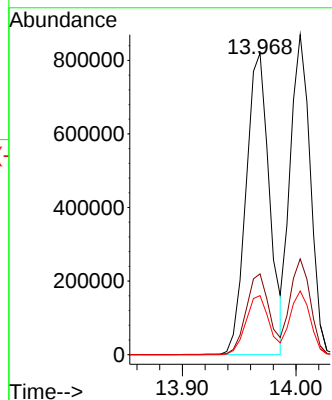
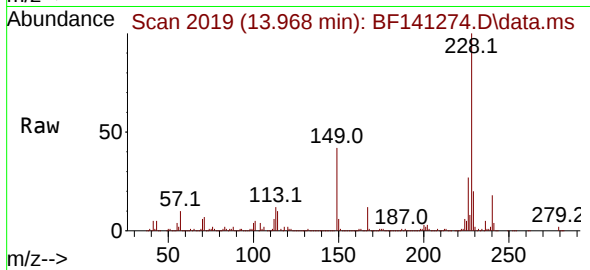
Tgt Ion:228 Resp: 1174724

Ion Ratio Lower Upper

228 100

226 26.8 21.7 32.5

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 18.593 ng

RT: 13.927 min Scan# 2012

Delta R.T. -0.012 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

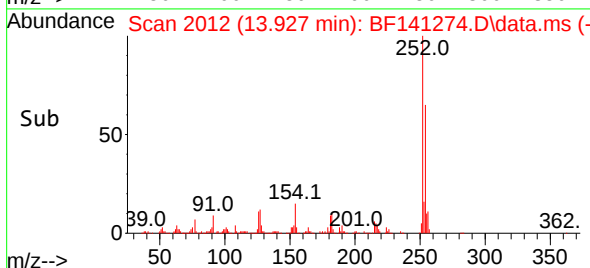
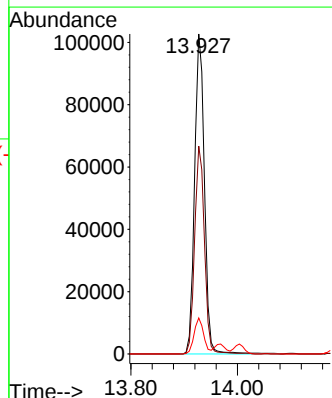
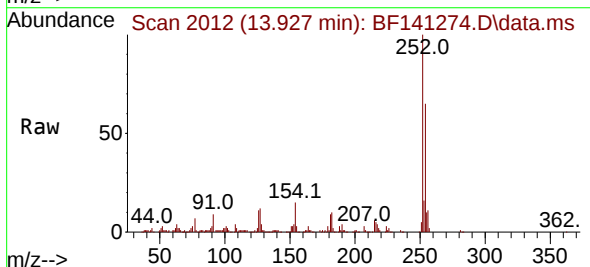
Tgt Ion:252 Resp: 131998

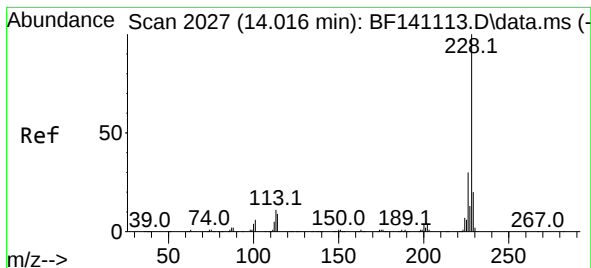
Ion Ratio Lower Upper

252 100

254 65.0 52.0 78.0

126 11.2 9.4 14.0





#83

Chrysene

Concen: 51.343 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MS

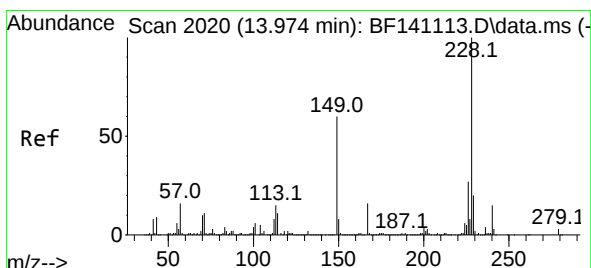
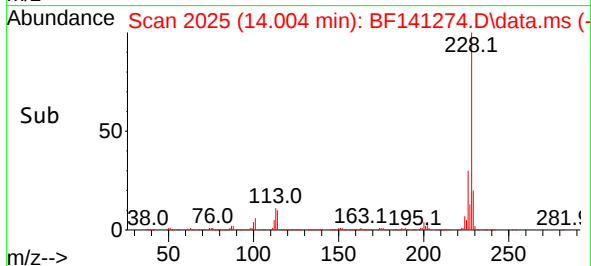
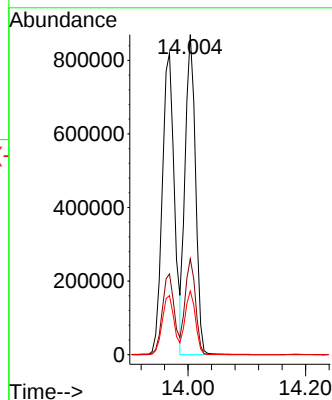
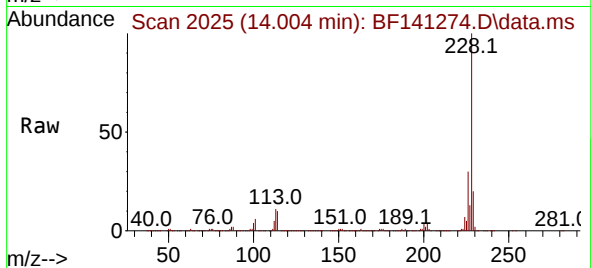
Tgt Ion:228 Resp: 1071145

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.8

229 19.9 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.610 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

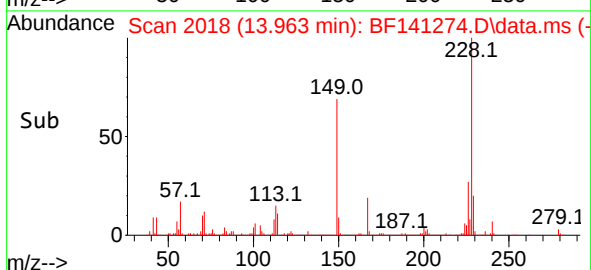
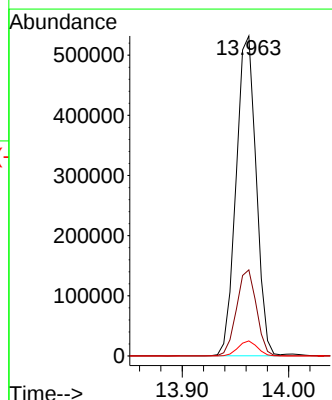
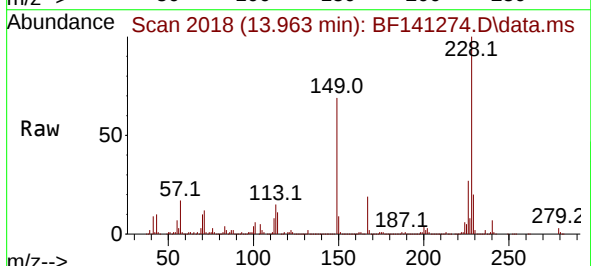
Tgt Ion:149 Resp: 696119

Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.2

279 4.7 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 66.096 ng

RT: 14.586 min Scan# 2124

Delta R.T. -0.000 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MS

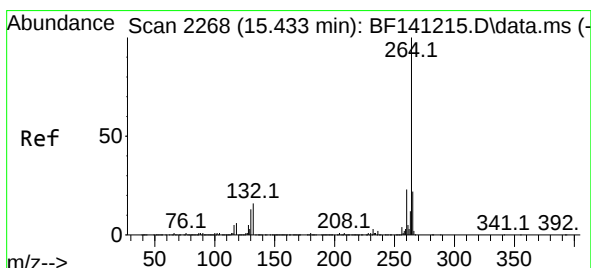
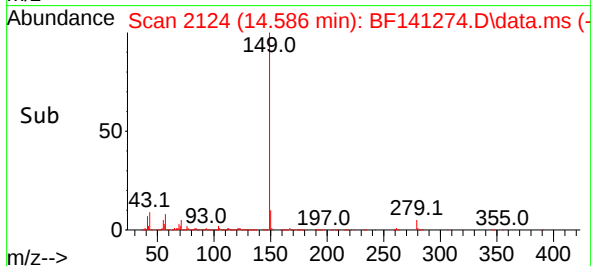
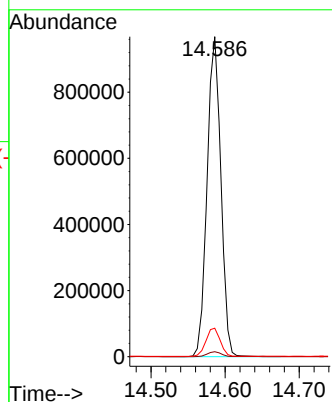
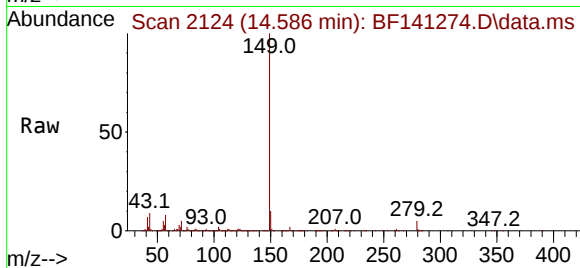
Tgt Ion:149 Resp: 1249411

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.0 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

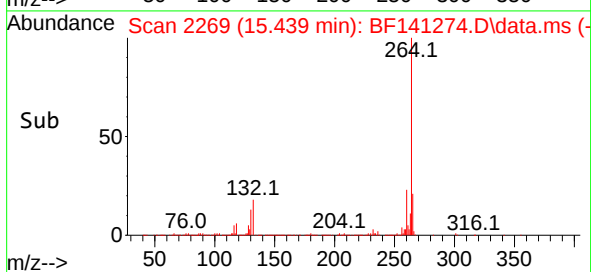
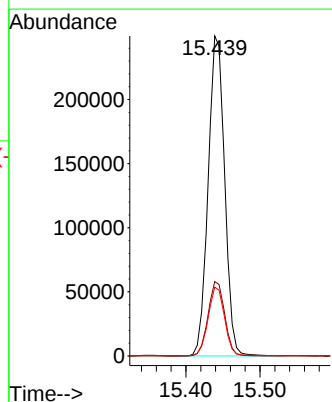
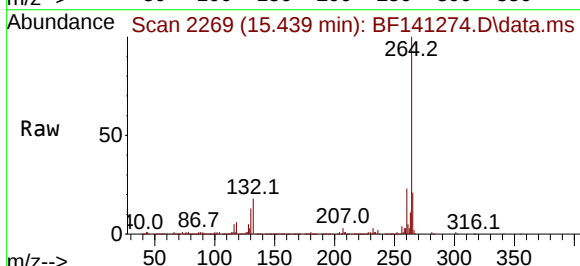
Tgt Ion:264 Resp: 386172

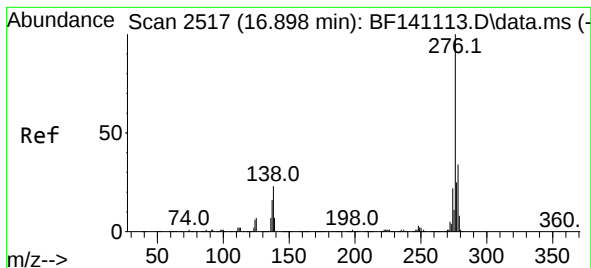
Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.706 ng

RT: 16.904 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MS

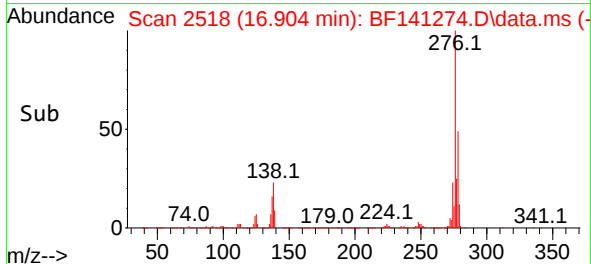
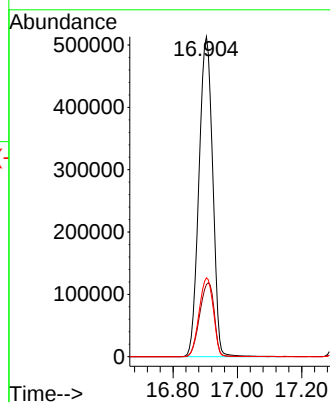
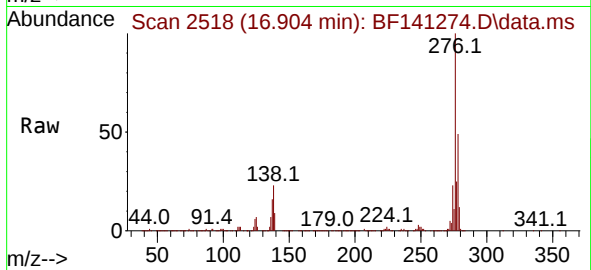
Tgt Ion:276 Resp: 1519450

Ion Ratio Lower Upper

276 100

138 24.5 20.7 31.1

277 25.5 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 55.068 ng

RT: 15.021 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

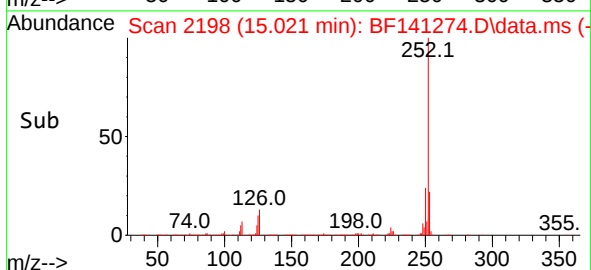
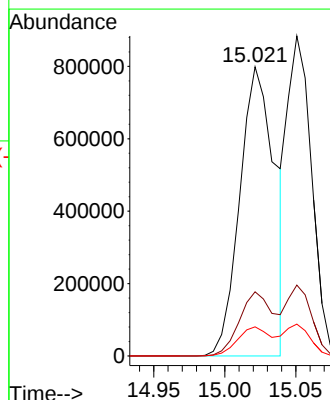
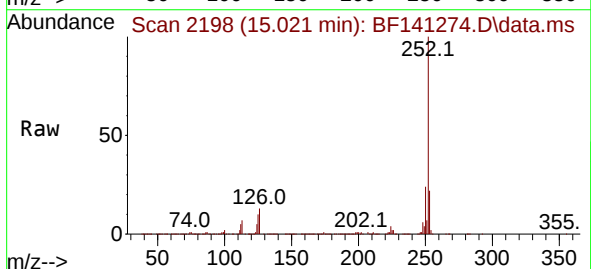
Tgt Ion:252 Resp: 1371280

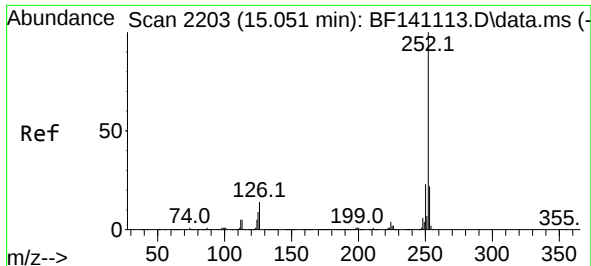
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 10.1 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 50.443 ng

RT: 15.051 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MS

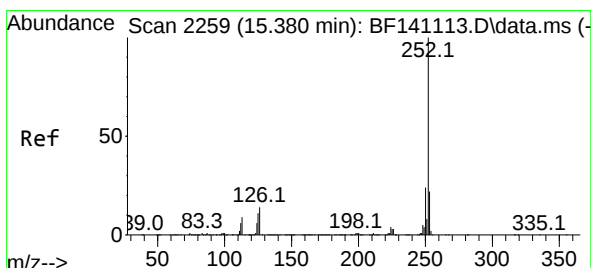
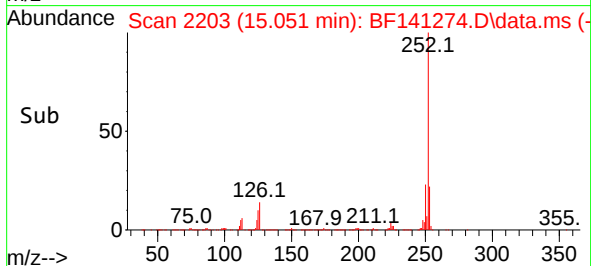
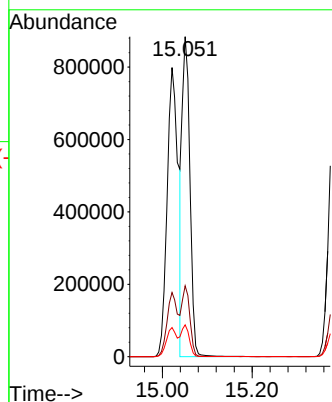
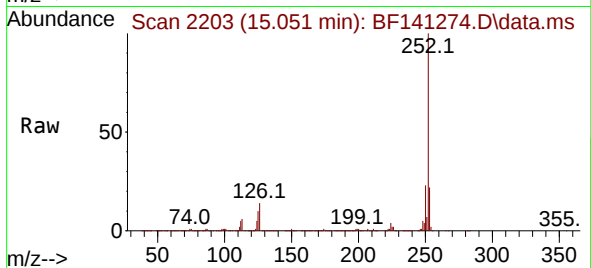
Tgt Ion:252 Resp: 1061523

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 9.9 7.9 11.9



#90

Benzo(a)pyrene

Concen: 57.588 ng

RT: 15.386 min Scan# 2260

Delta R.T. 0.006 min

Lab File: BF141274.D

Acq: 27 Jan 2025 15:58

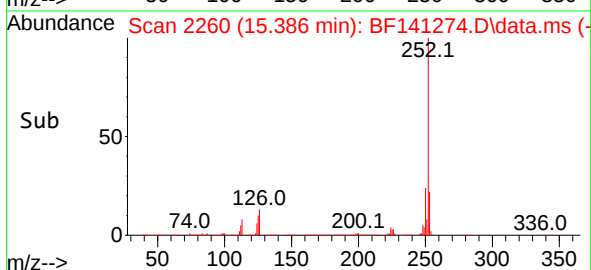
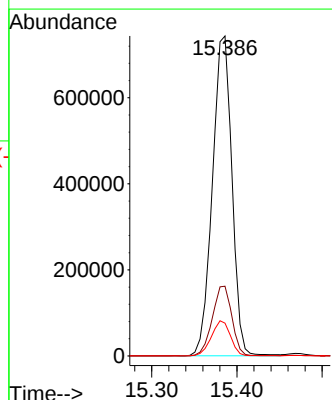
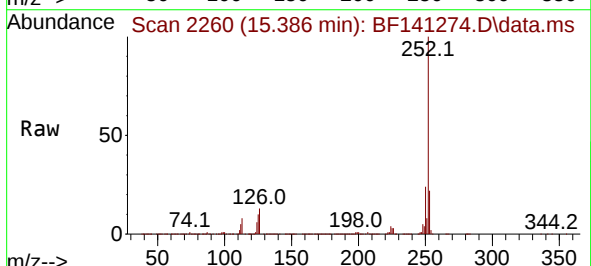
Tgt Ion:252 Resp: 1183160

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.3 9.1 13.7



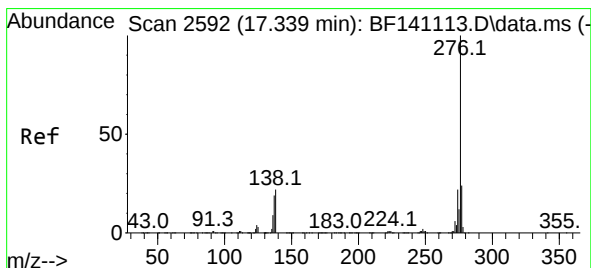
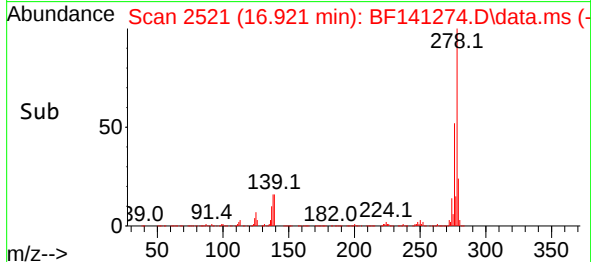
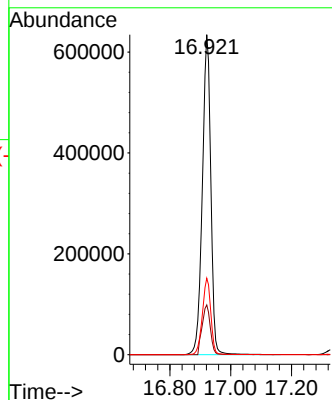
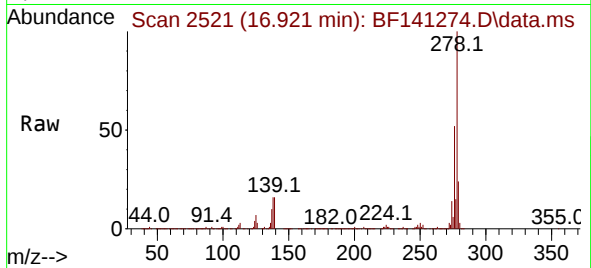


#91
Dibenzo(a,h)anthracene
Concen: 53.703 ng
RT: 16.921 min Scan# 2521
Delta R.T. 0.006 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MS

Tgt Ion:278 Resp: 1228875

Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.8	20.6
279	23.9	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 48.887 ng
RT: 17.339 min Scan# 2592
Delta R.T. -0.000 min
Lab File: BF141274.D
Acq: 27 Jan 2025 15:58

Tgt Ion:276 Resp: 1163595

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	21.2	17.4	26.2

