

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012725\
 Data File : BF141275.D
 Acq On : 27 Jan 2025 16:24
 Operator : RC/JU
 Sample : Q1169-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0006MSD

Quant Time: Jan 27 16:50:24 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	136628	20.000	ng	-0.02
21) Naphthalene-d8	8.087	136	532274	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	274859	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	431743	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	318797	20.000	ng	0.00
86) Perylene-d12	15.445	264	371438	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1115838	126.164	ng	0.00
7) Phenol-d6	6.446	99	1357437	121.165	ng	0.00
23) Nitrobenzene-d5	7.369	82	923172	91.937	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	474669	151.562	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	1778313	98.798	ng	-0.02
79) Terphenyl-d14	12.922	244	1797515	83.804	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.428	88	21542	5.470	ng	# 1
3) Pyridine	3.410	79	379772	39.321	ng	94
4) n-Nitrosodimethylamine	3.322	42	195856	41.473	ng	97
6) Aniline	6.469	93	173270	17.420	ng	# 27
8) 2-Chlorophenol	6.593	128	469881	49.519	ng	96
9) Benzaldehyde	6.357	77	37295	5.652	ng	97
10) Phenol	6.457	94	519673	43.333	ng	96
11) bis(2-Chloroethyl)ether	6.540	93	416973	46.654	ng	97
12) 1,3-Dichlorobenzene	6.745	146	395348	37.357	ng	98
13) 1,4-Dichlorobenzene	6.822	146	406030	38.072	ng	100
14) 1,2-Dichlorobenzene	6.975	146	393729	39.579	ng	99
15) Benzyl Alcohol	6.951	79	408170	50.449	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	538753	43.198	ng	91
17) 2-Methylphenol	7.063	107	378227	49.372	ng	98
18) Hexachloroethane	7.316	117	144306	37.417	ng	97
19) n-Nitroso-di-n-propyla...	7.222	70	313375	47.485	ng	96
20) 3+4-Methylphenols	7.216	107	462645	47.869	ng	# 80
22) Acetophenone	7.216	105	599860	47.407	ng	97
24) Nitrobenzene	7.387	77	464430	44.379	ng	98
25) Isophorone	7.628	82	870141	50.707	ng	98
26) 2-Nitrophenol	7.704	139	247201	51.928	ng	99
27) 2,4-Dimethylphenol	7.740	122	383376	59.705	ng	99
28) bis(2-Chloroethoxy)met...	7.834	93	534429	49.625	ng	100
29) 2,4-Dichlorophenol	7.945	162	393572	51.608	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	386656	44.356	ng	100
31) Naphthalene	8.110	128	1288934	45.919	ng	100
32) Benzoic acid	7.857	122	283907	46.091	ng	96
33) 4-Chloroaniline	8.157	127	91099	9.384	ng	98
34) Hexachlorobutadiene	8.228	225	229855	43.761	ng	98
35) Caprolactam	8.522	113	104402	41.815	ng	98
36) 4-Chloro-3-methylphenol	8.645	107	428648	51.394	ng	100
37) 2-Methylnaphthalene	8.798	142	885119	49.484	ng	99
38) 1-Methylnaphthalene	8.898	142	831573	47.172	ng	99
40) 1,2,4,5-Tetrachloroben...	8.969	216	409698	51.933	ng	98
41) Hexachlorocyclopentadiene	8.951	237	465601	180.395	ng	100
43) 2,4,6-Trichlorophenol	9.081	196	289844	54.475	ng	98

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 Response via : Initial Calibration

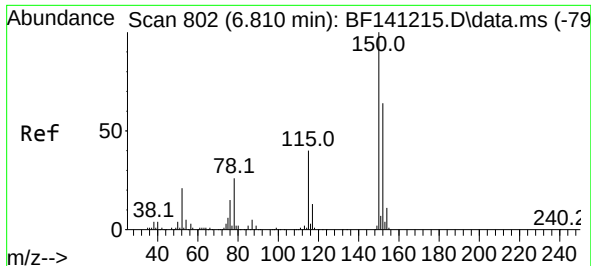
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	299313	53.266	ng	98
46) 1,1'-Biphenyl	9.269	154	1119854	52.463	ng	99
47) 2-Chloronaphthalene	9.292	162	837919	50.400	ng	98
48) 2-Nitroaniline	9.386	65	249972	50.721	ng	98
49) Acenaphthylene	9.704	152	1303637	54.883	ng	100
50) Dimethylphthalate	9.569	163	1012295	54.860	ng	100
51) 2,6-Dinitrotoluene	9.628	165	221861	51.704	ng	99
52) Acenaphthene	9.881	154	964389	58.113	ng	100
53) 3-Nitroaniline	9.792	138	74430	17.069	ng	99
54) 2,4-Dinitrophenol	9.904	184	226171	110.890	ng	95
55) Dibenzofuran	10.051	168	1191202	52.772	ng	99
56) 4-Nitrophenol	9.963	139	342739	100.361	ng	98
57) 2,4-Dinitrotoluene	10.034	165	298987	54.067	ng	98
58) Fluorene	10.392	166	892961	50.920	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	252834	54.131	ng	99
60) Diethylphthalate	10.269	149	953422	52.926	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	451592	52.836	ng	99
62) 4-Nitroaniline	10.410	138	201971	47.323	ng	100
63) Azobenzene	10.545	77	901412	50.712	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	158546	63.372	ng	98
66) n-Nitrosodiphenylamine	10.504	169	806309	57.901	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	292175	58.780	ng	99
68) Hexachlorobenzene	10.939	284	318250	57.516	ng	99
69) Atrazine	11.033	200	263442	70.259	ng	99
70) Pentachlorophenol	11.139	266	377432	106.513	ng	99
71) Phenanthrene	11.357	178	1300321	56.099	ng	99
72) Anthracene	11.410	178	1325941	58.831	ng	100
73) Carbazole	11.563	167	1132277	54.790	ng	100
74) Di-n-butylphthalate	11.898	149	1380772	58.383	ng	99
75) Fluoranthene	12.545	202	1286746	55.630	ng	99
77) Benzidine	12.669	184	107595	18.200	ng	# 95
78) Pyrene	12.775	202	1304480	42.841	ng	100
80) Butylbenzylphthalate	13.398	149	533661	52.567	ng	97
81) Benzo(a)anthracene	13.969	228	1162618	53.587	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	157829	22.846	ng	99
83) Chrysene	14.004	228	1082568	53.326	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	699294	57.409	ng	99
85) Di-n-octyl phthalate	14.586	149	1233442	67.057	ng	97
87) Indeno(1,2,3-cd)pyrene	16.904	276	1490797	54.783	ng	99
88) Benzo(b)fluoranthene	15.021	252	1371480	57.261	ng	100
89) Benzo(k)fluoranthene	15.051	252	1047480	51.750	ng	100
90) Benzo(a)pyrene	15.386	252	1169650	59.189	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1216230	55.259	ng	98
92) Benzo(g,h,i)perylene	17.345	276	1132553	49.471	ng	99

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

BNA F

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ARS20-0006MSD

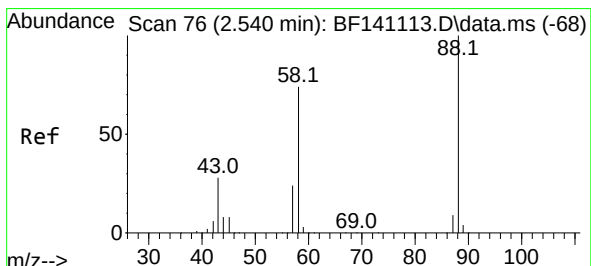
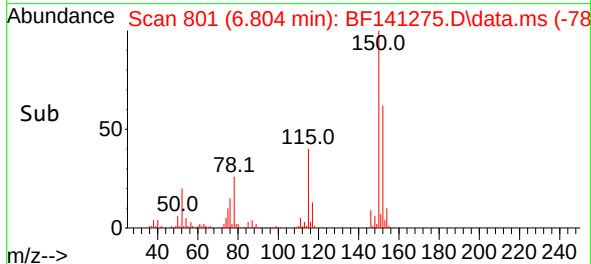
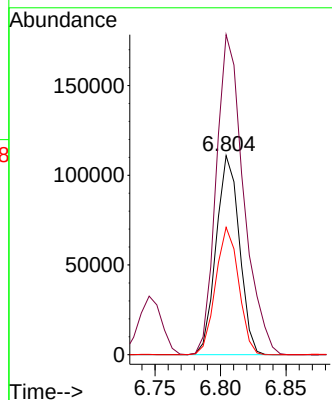
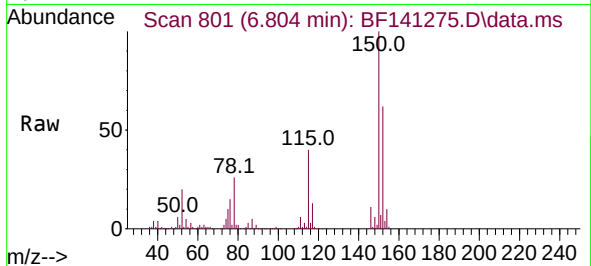
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BF141275.D
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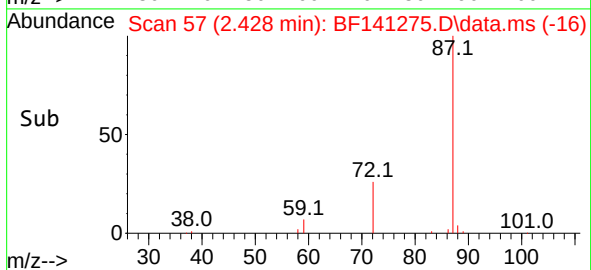
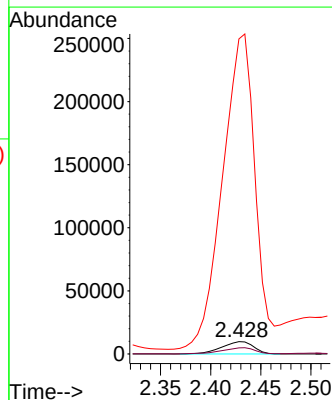
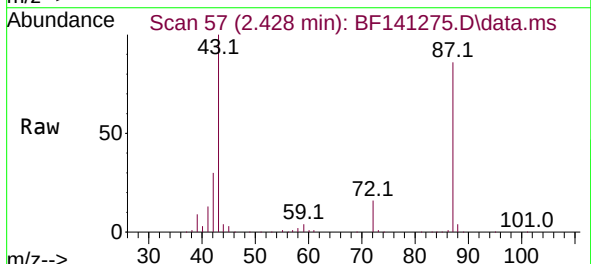
Instrument :
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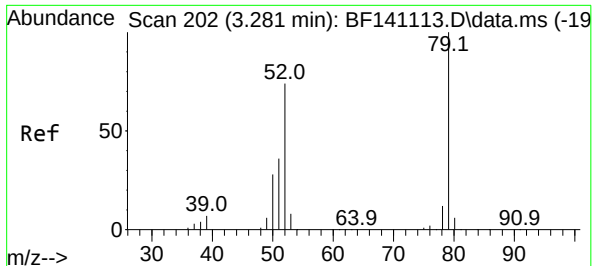
Tgt Ion:152 Resp: 136628
 Ion Ratio Lower Upper
 152 100
 150 160.7 125.8 188.8
 115 64.0 51.4 77.2



#2
 1,4-Dioxane
 Concen: 5.470 ng
 RT: 2.428 min Scan# 57
 Delta R.T. -0.112 min
 Lab File: BF141275.D
 Acq: 27 Jan 2025 16:24

Tgt Ion: 88 Resp: 21542
 Ion Ratio Lower Upper
 88 100
 58 53.7 60.1 90.1#
 43 2641.1 23.1 34.7#

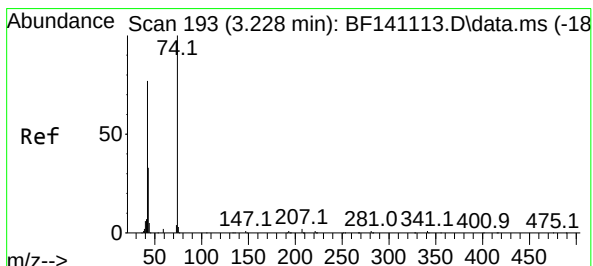
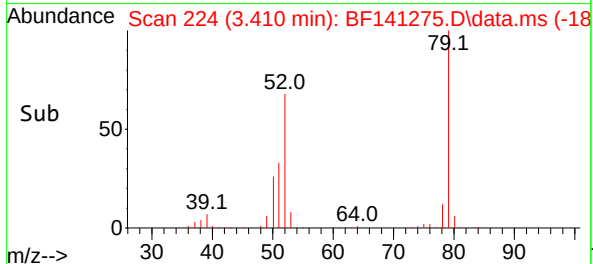
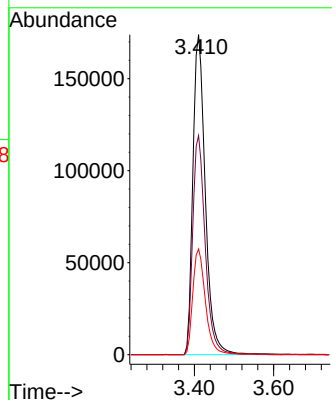
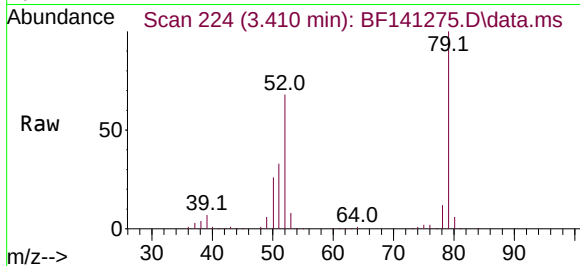




#3
Pyridine
Concen: 39.321 ng
RT: 3.410 min Scan# 21
Delta R.T. 0.129 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

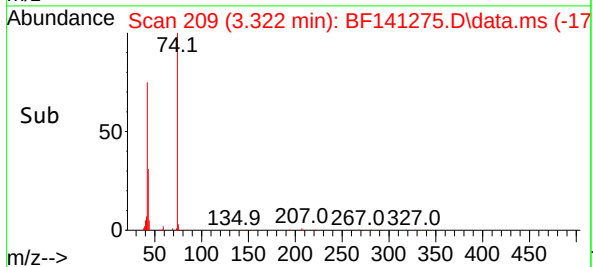
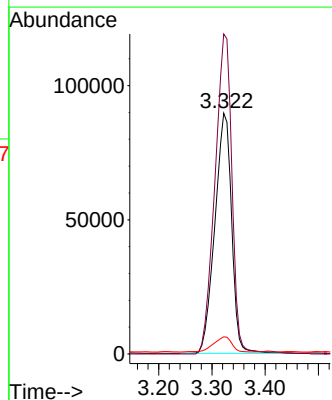
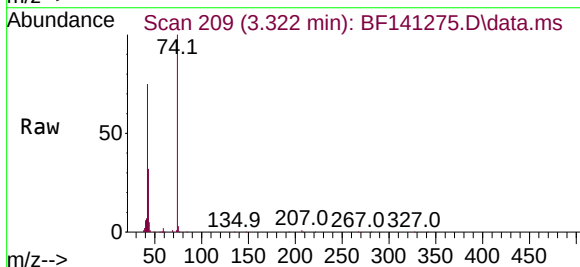
Instrument :
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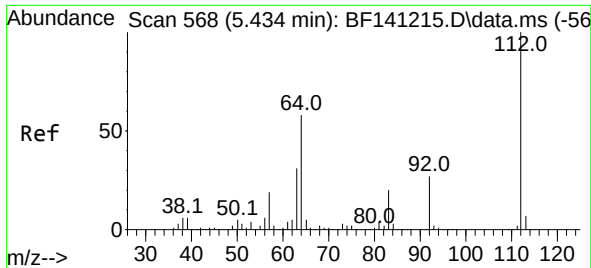
Tgt Ion: 79 Resp: 379772
Ion Ratio Lower Upper
79 100
52 68.5 58.9 88.3
51 33.1 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 41.473 ng
RT: 3.322 min Scan# 209
Delta R.T. 0.094 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion: 42 Resp: 195856
Ion Ratio Lower Upper
42 100
74 132.9 103.8 155.6
44 7.1 5.3 7.9

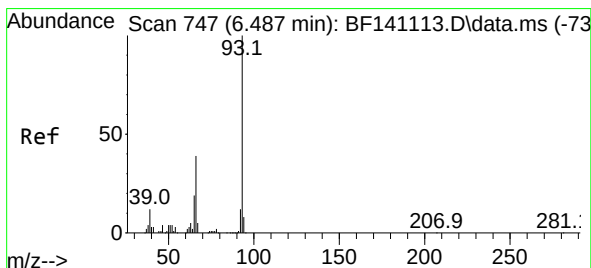
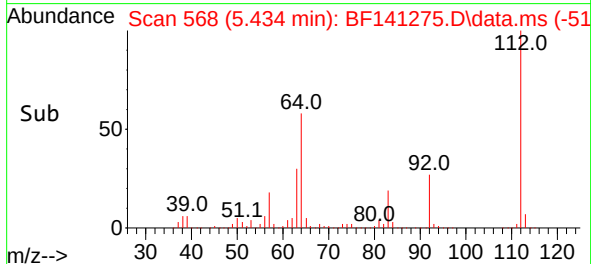
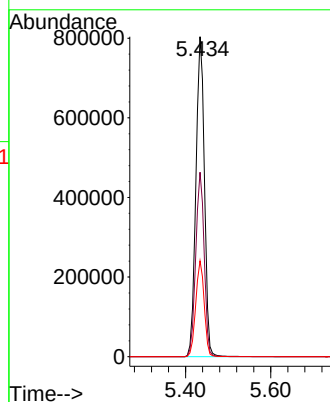
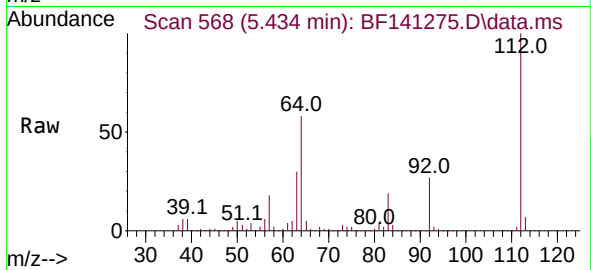




#5
2-Fluorophenol
Concen: 126.164 ng
RT: 5.434 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

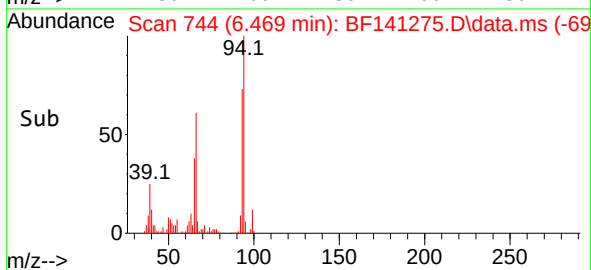
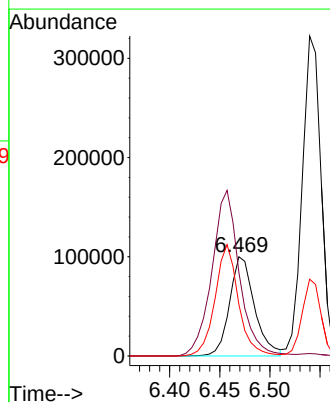
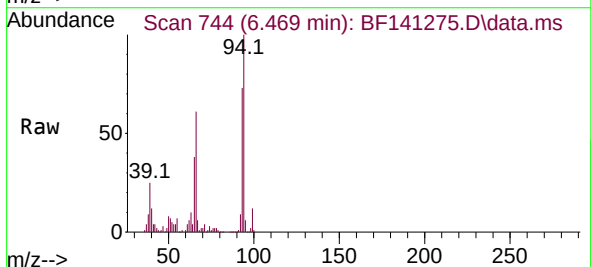
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ClientSampleId :
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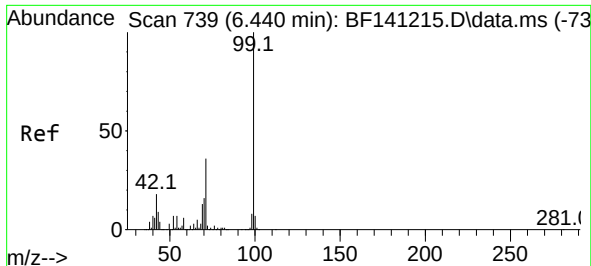
Tgt Ion:112 Resp: 1115838
Ion Ratio Lower Upper
112 100
64 57.6 47.3 70.9
63 30.0 24.2 36.2



#6
Aniline
Concen: 17.420 ng
RT: 6.469 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion: 93 Resp: 173270
Ion Ratio Lower Upper
93 100
66 84.2 31.5 47.3#
65 51.9 15.3 22.9#



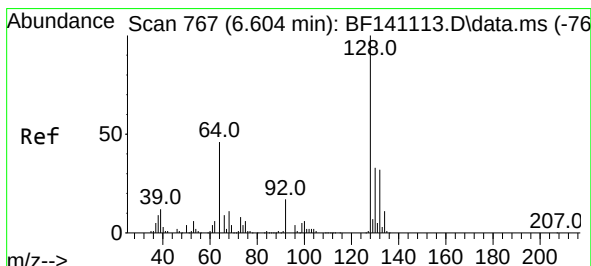
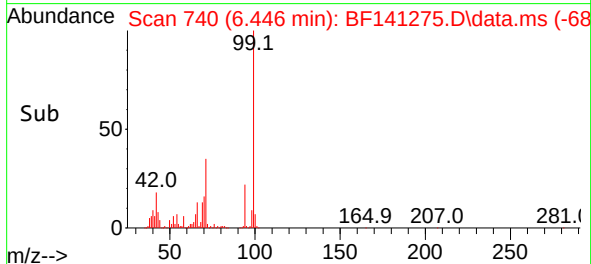
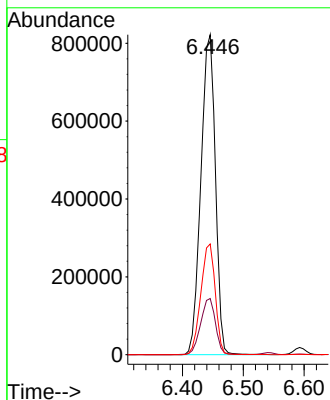
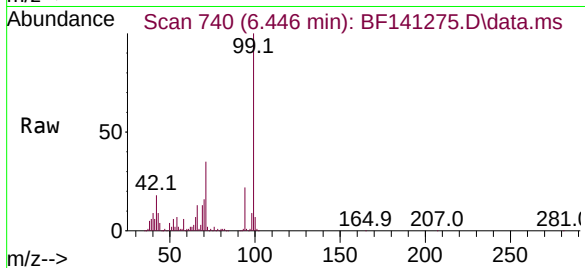


#7
Phenol-d6
Concen: 121.165 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

Tgt Ion: 99 Resp: 1357437

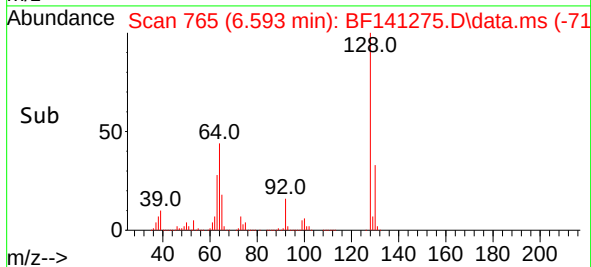
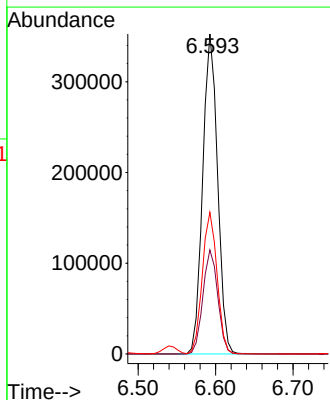
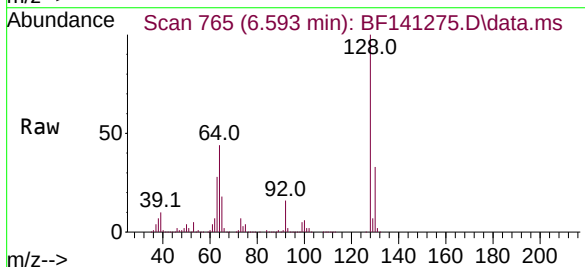
Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.4
71	34.6	27.6	41.4

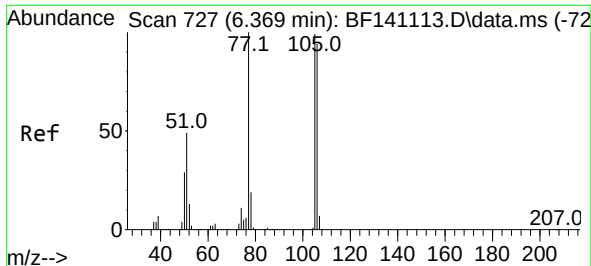


#8
2-Chlorophenol
Concen: 49.519 ng
RT: 6.593 min Scan# 765
Delta R.T. -0.012 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion: 128 Resp: 469881

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.5	52.5
64	44.2	28.3	68.3

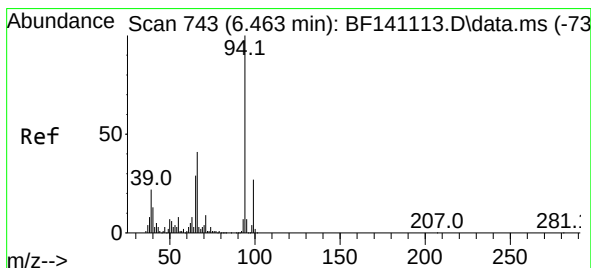
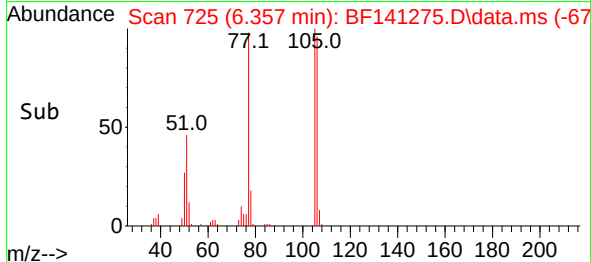
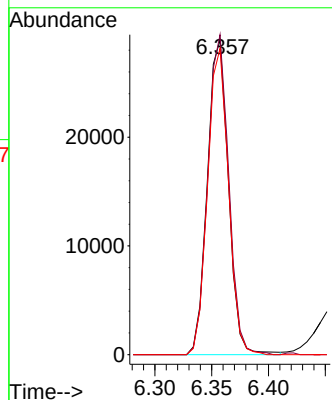
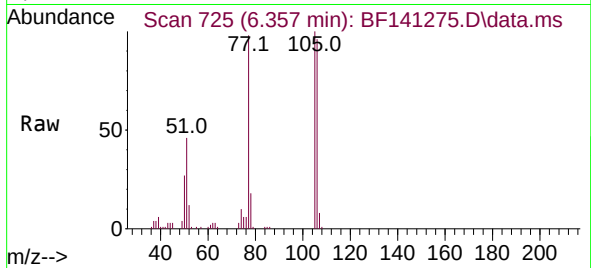




#9
Benzaldehyde
Concen: 5.652 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

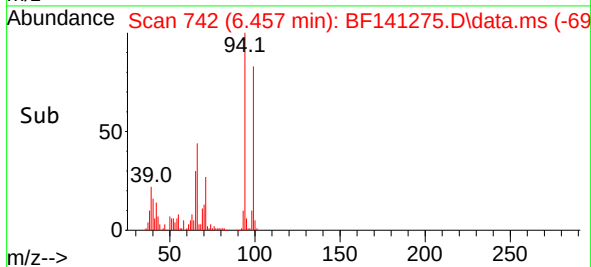
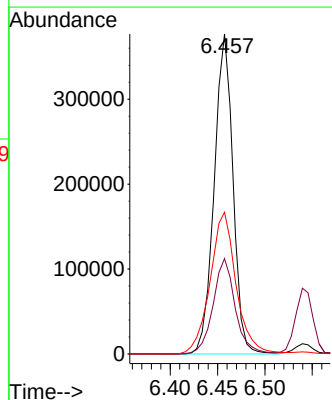
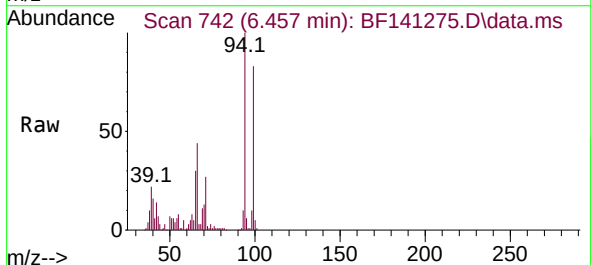
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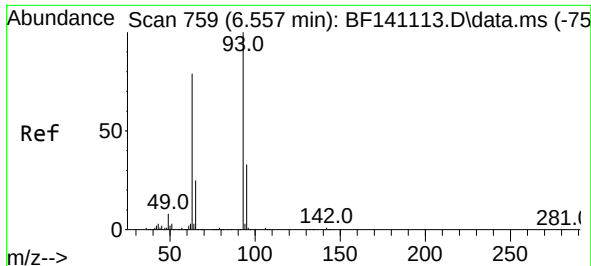
Tgt Ion: 77 Resp: 37295
Ion Ratio Lower Upper
77 100
105 101.6 78.9 118.9
106 97.2 73.6 113.6



#10
Phenol
Concen: 43.333 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion: 94 Resp: 519673
Ion Ratio Lower Upper
94 100
65 29.8 8.9 48.9
66 44.3 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 46.654 ng

RT: 6.540 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF141275.D

Acq: 27 Jan 2025 16:24

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MSD

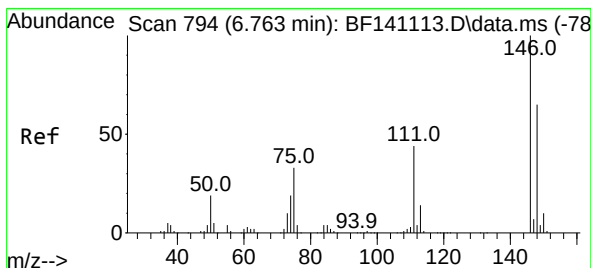
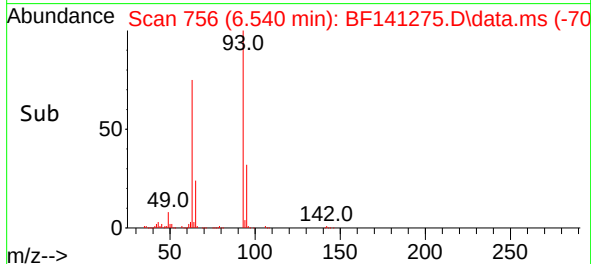
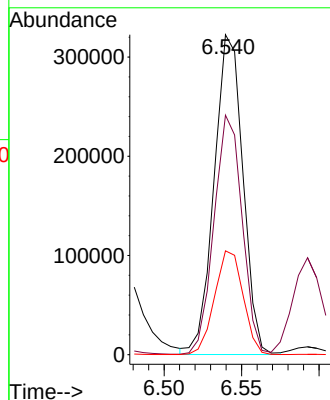
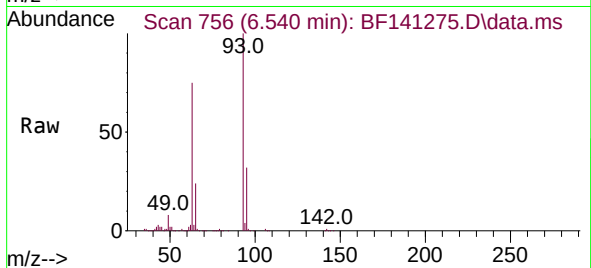
Tgt Ion: 93 Resp: 416973

Ion Ratio Lower Upper

93 100

63 74.8 58.0 98.0

95 32.4 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 37.357 ng

RT: 6.745 min Scan# 791

Delta R.T. -0.018 min

Lab File: BF141275.D

Acq: 27 Jan 2025 16:24

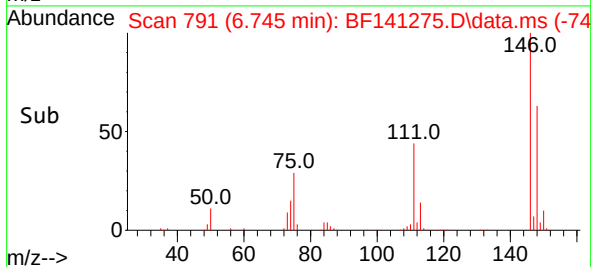
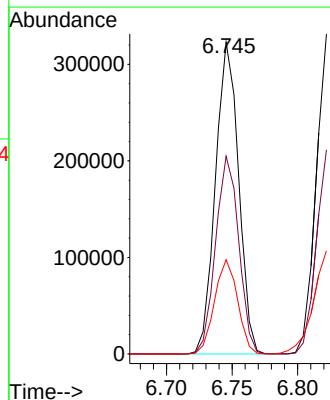
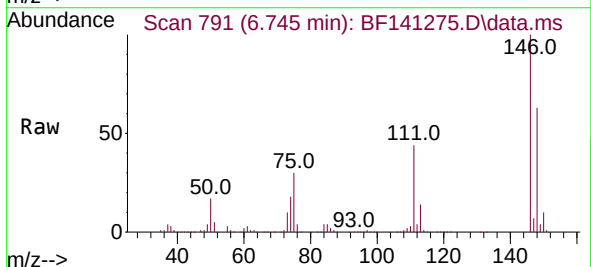
Tgt Ion:146 Resp: 395348

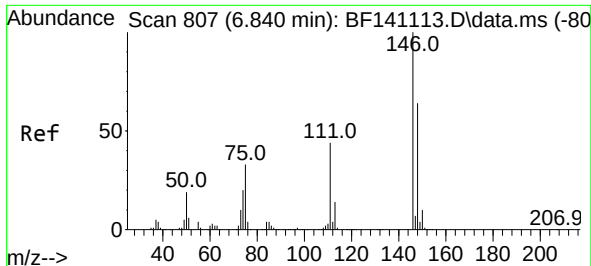
Ion Ratio Lower Upper

146 100

148 63.4 51.6 77.4

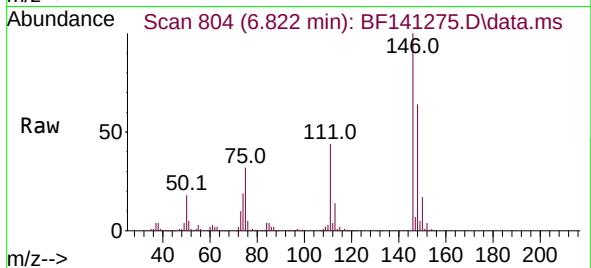
75 30.3 26.2 39.2



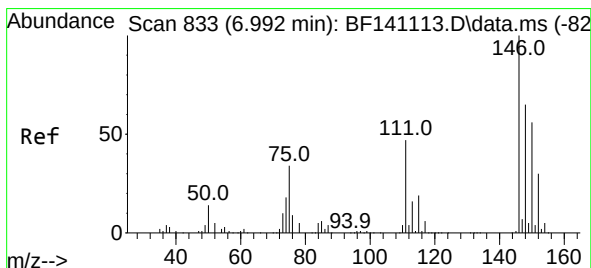
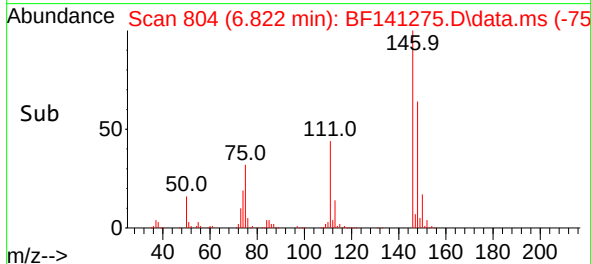
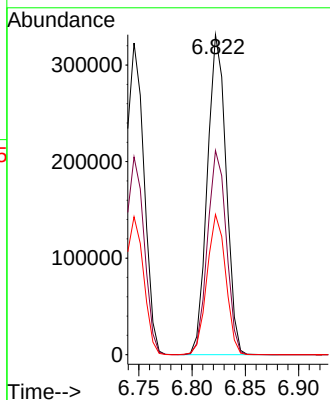


#13
1,4-Dichlorobenzene
Concen: 38.072 ng
RT: 6.822 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

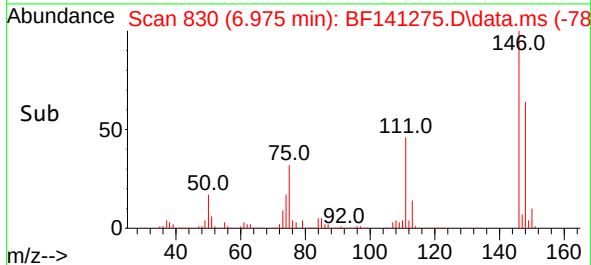
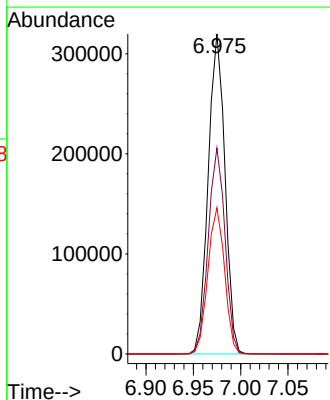
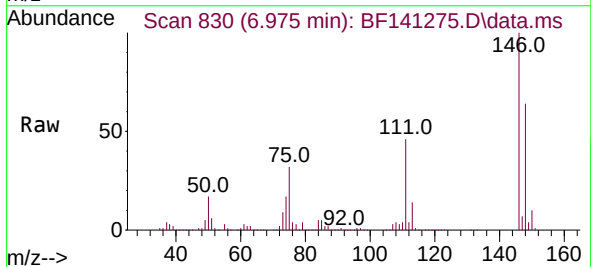


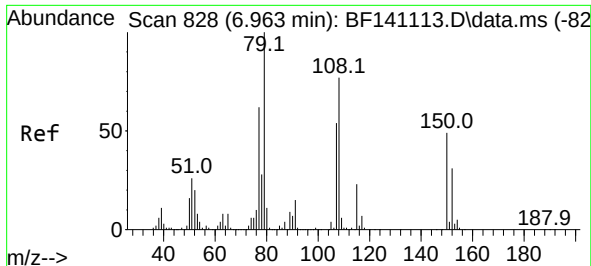
Tgt Ion:146 Resp: 406030
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 43.8 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 39.579 ng
RT: 6.975 min Scan# 830
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion:146 Resp: 393729
Ion Ratio Lower Upper
146 100
148 64.3 52.2 78.4
111 45.7 37.5 56.3

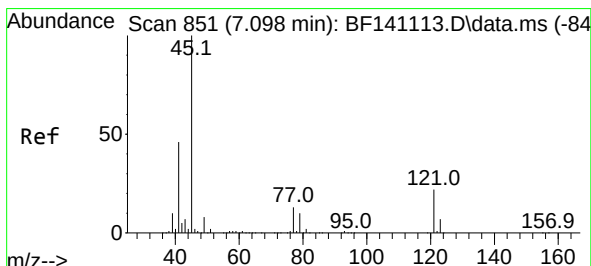
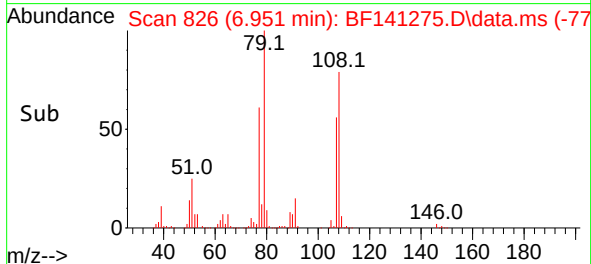
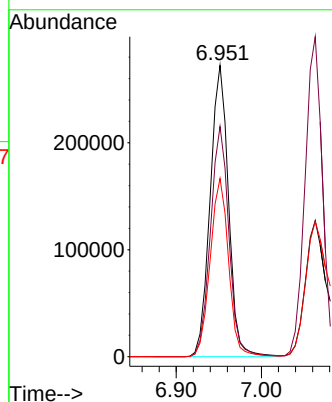
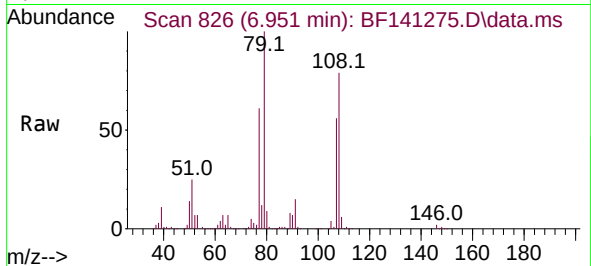




#15
Benzyl Alcohol
Concen: 50.449 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

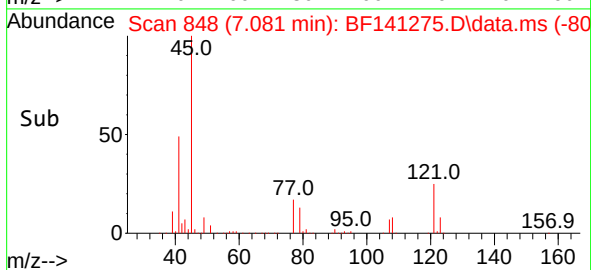
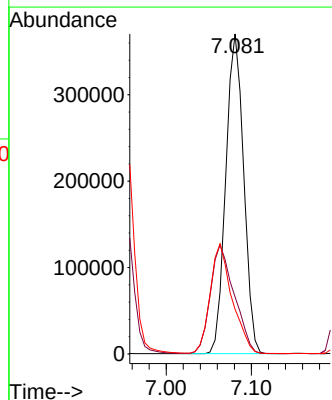
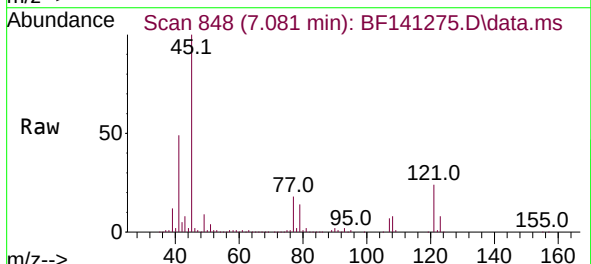
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

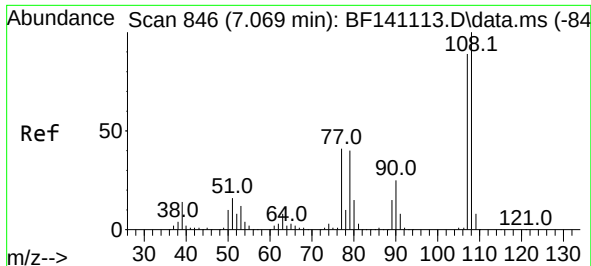
Tgt Ion: 79 Resp: 408170
Ion Ratio Lower Upper
79 100
108 79.0 61.4 92.0
77 61.2 49.8 74.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.198 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

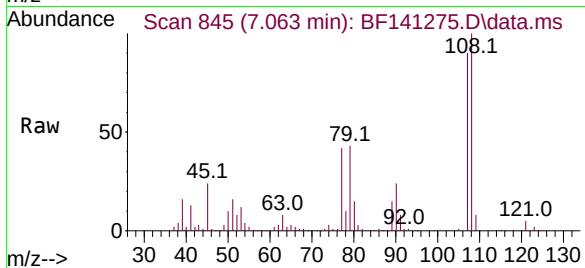
Tgt Ion: 45 Resp: 538753
Ion Ratio Lower Upper
45 100
77 17.8 0.0 34.1
79 14.0 0.0 31.0



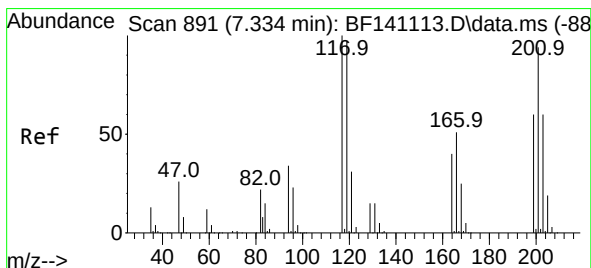
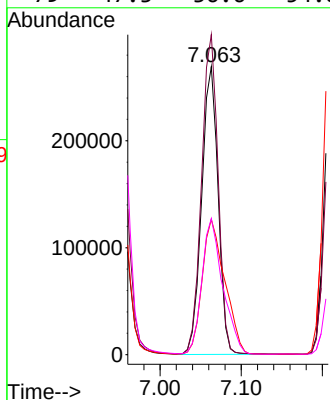
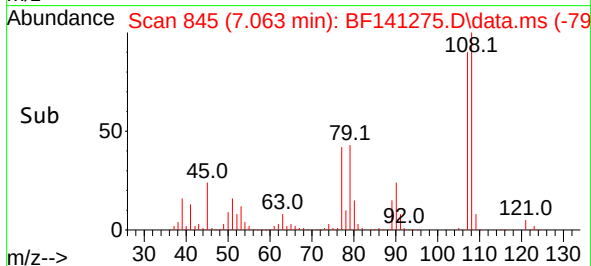


#17
2-Methylphenol
Concen: 49.372 ng
RT: 7.063 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

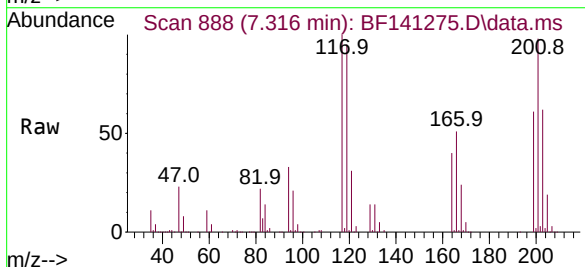
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD



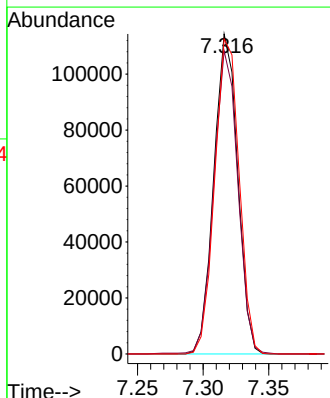
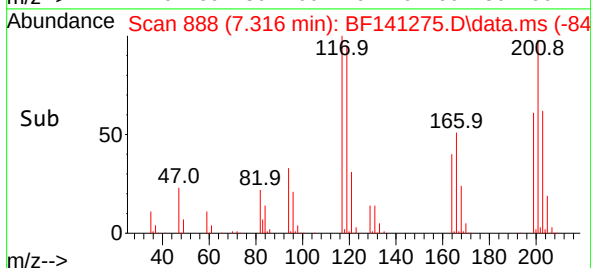
Tgt Ion:107 Resp: 378227
Ion Ratio Lower Upper
107 100
108 111.1 90.1 135.1
77 47.0 36.6 55.0
79 47.3 36.6 54.8

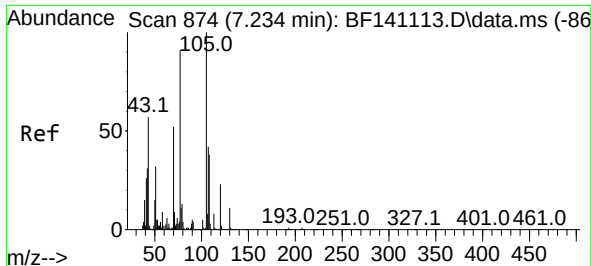


#18
Hexachloroethane
Concen: 37.417 ng
RT: 7.316 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24



Tgt Ion:117 Resp: 144306
Ion Ratio Lower Upper
117 100
119 94.7 77.6 116.4
201 98.4 75.1 112.7

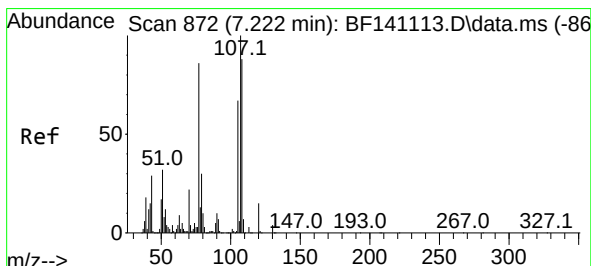
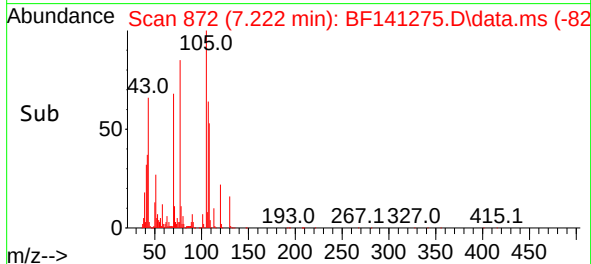
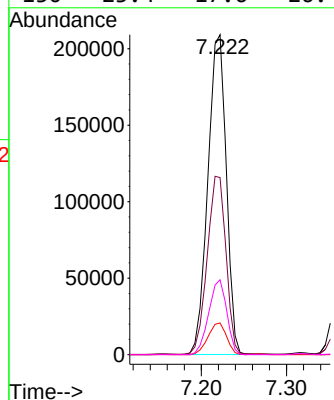
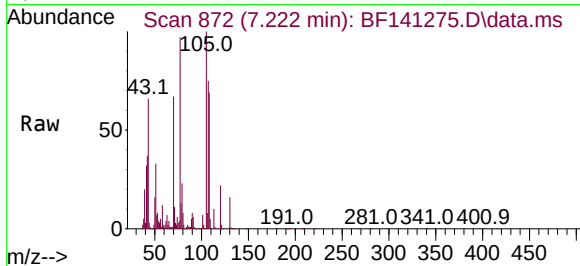




#19
n-Nitroso-di-n-propylamine
Concen: 47.485 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

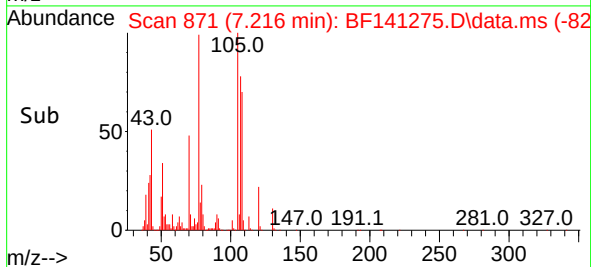
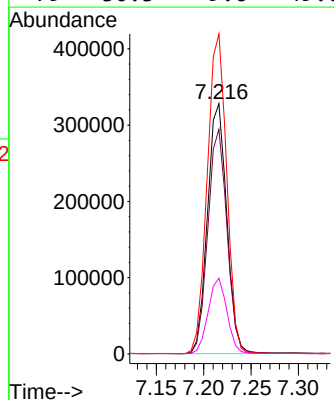
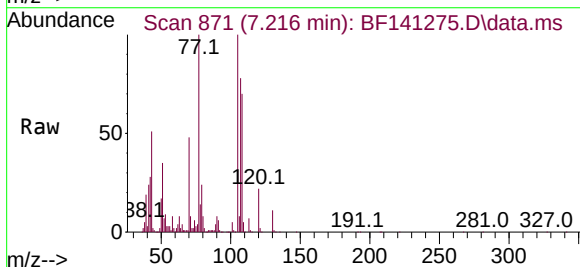
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

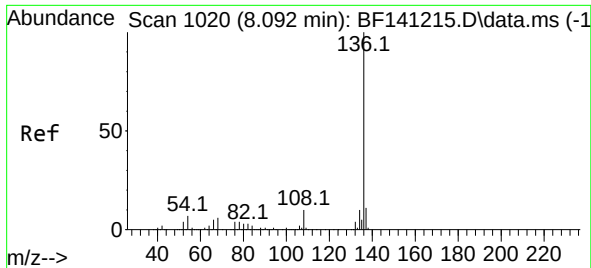
Tgt Ion: 70 Resp: 313375
Ion Ratio Lower Upper
70 100
42 55.4 47.8 71.6
101 9.9 7.9 11.9
130 23.4 17.6 26.4



#20
3+4-Methylphenols
Concen: 47.869 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion: 107 Resp: 462645
Ion Ratio Lower Upper
107 100
108 89.8 68.3 108.3
77 127.9 66.4 106.4#
79 30.3 9.6 49.6



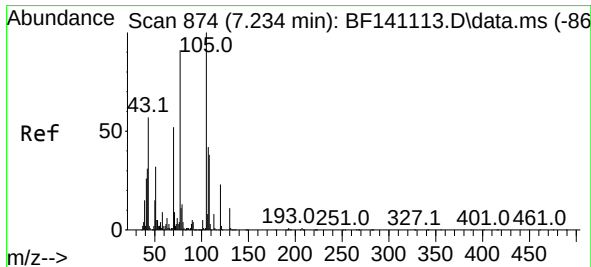
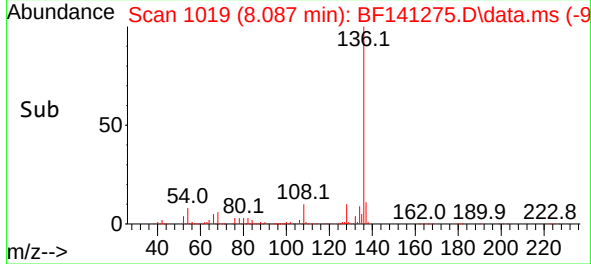
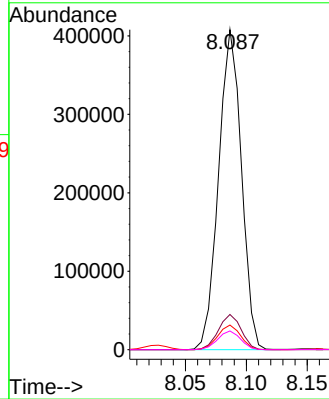
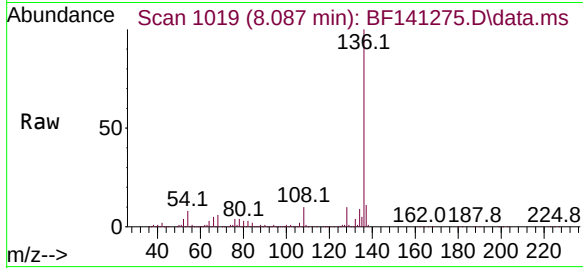


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

Tgt Ion:136 Resp: 532274

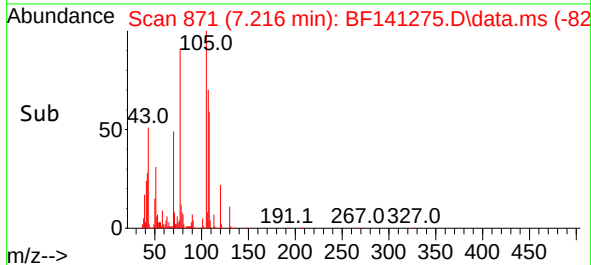
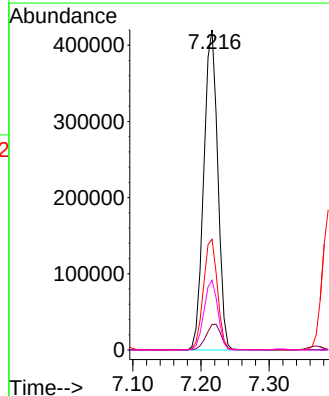
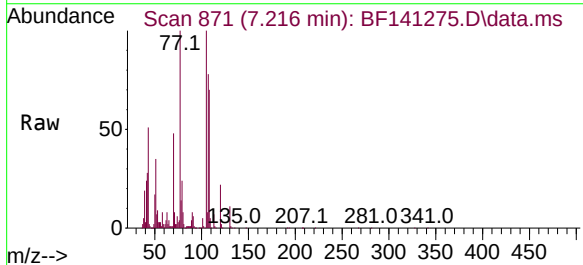
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.7	6.3	9.5
68	5.9	4.9	7.3

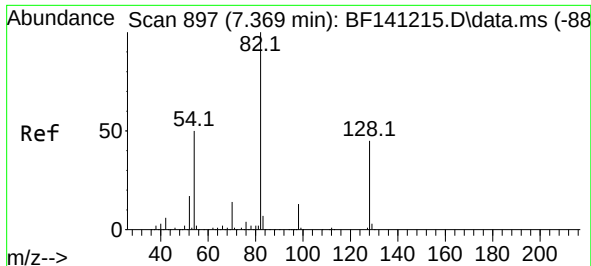


#22
Acetophenone
Concen: 47.407 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion:105 Resp: 599860

Ion	Ratio	Lower	Upper
105	100		
71	7.9	7.1	10.7
51	34.6	25.4	38.2
120	21.8	18.0	27.0

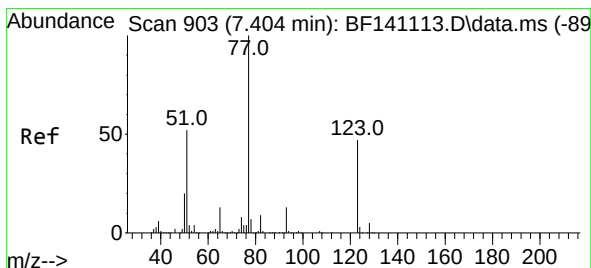
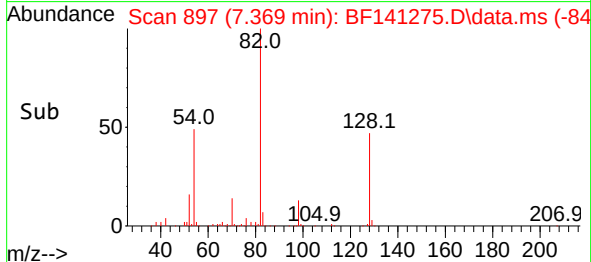
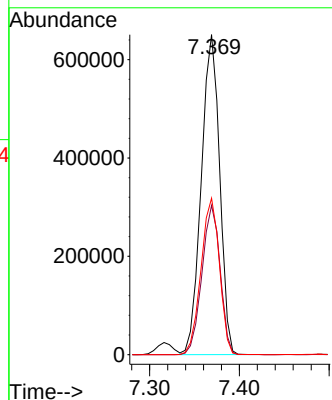
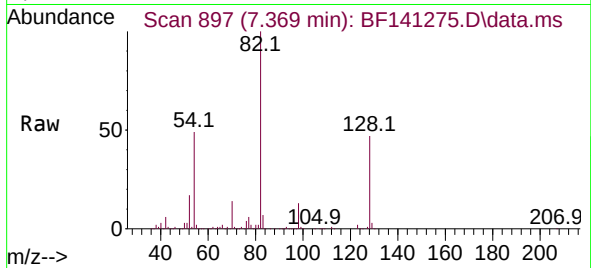




#23
Nitrobenzene-d5
Concen: 91.937 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

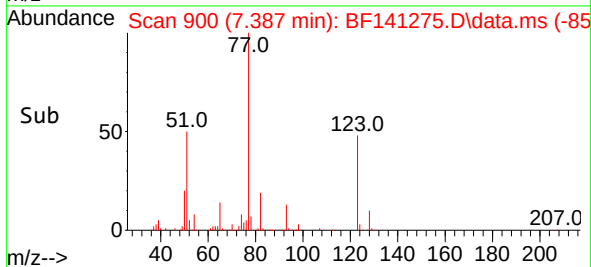
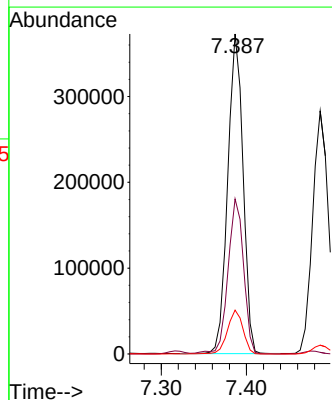
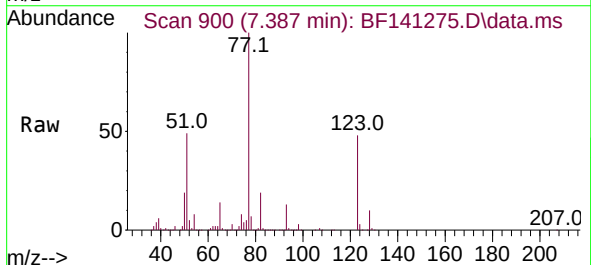
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

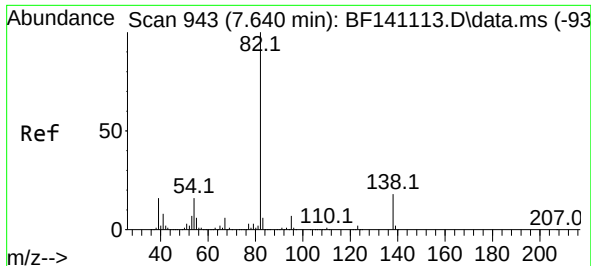
Tgt Ion: 82 Resp: 923172
Ion Ratio Lower Upper
82 100
128 46.6 36.1 54.1
54 48.9 41.0 61.4



#24
Nitrobenzene
Concen: 44.379 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion: 77 Resp: 464430
Ion Ratio Lower Upper
77 100
123 48.4 37.7 56.5
65 13.7 10.6 16.0

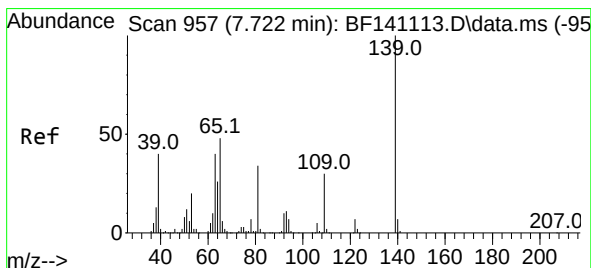
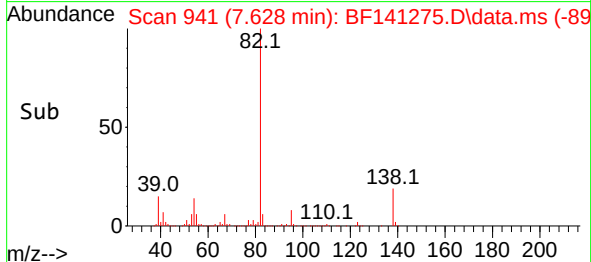
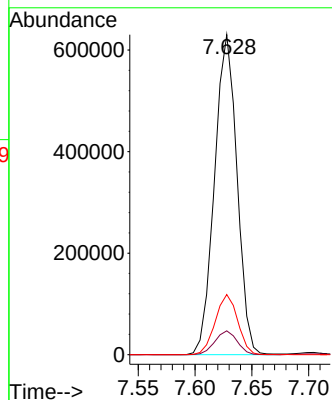
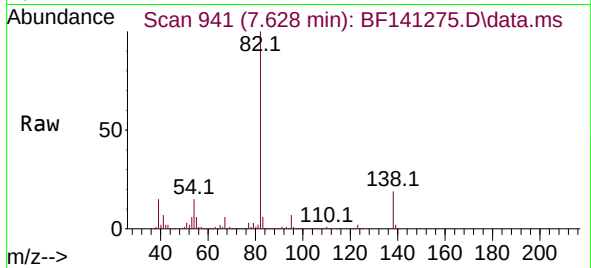




#25
Isophorone
Concen: 50.707 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

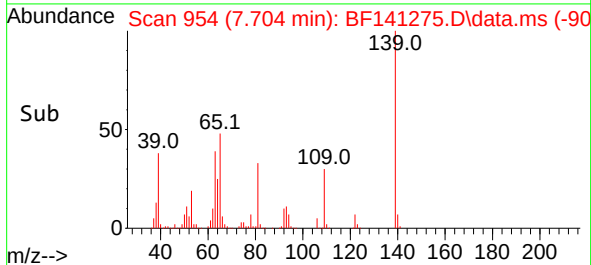
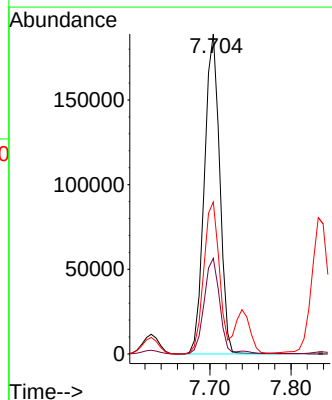
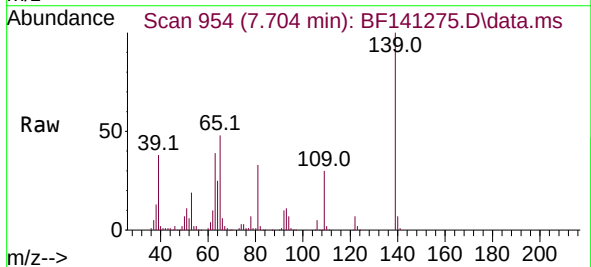
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

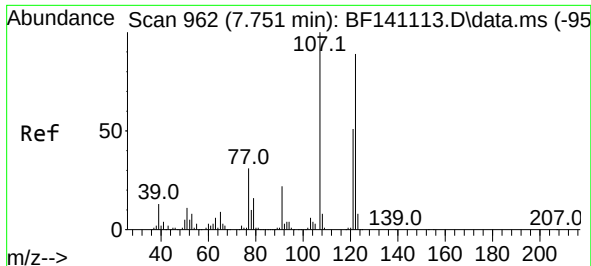
Tgt Ion: 82 Resp: 870141
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.8 14.2 21.2



#26
2-Nitrophenol
Concen: 51.928 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion:139 Resp: 247201
Ion Ratio Lower Upper
139 100
109 29.9 23.8 35.6
65 47.5 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 59.705 ng

RT: 7.740 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141275.D

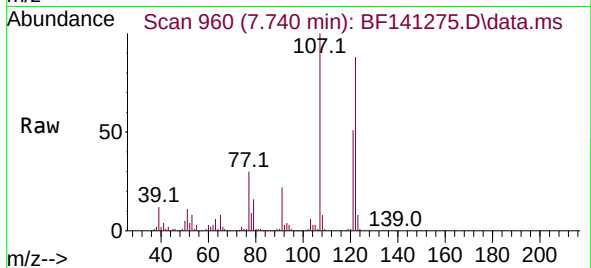
Acq: 27 Jan 2025 16:24

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MSD



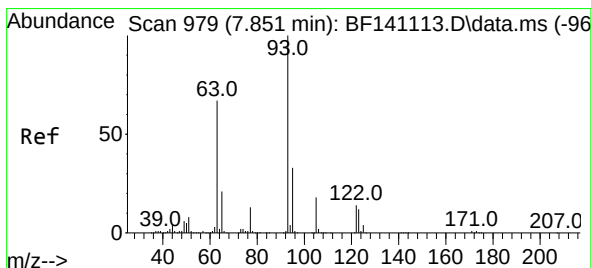
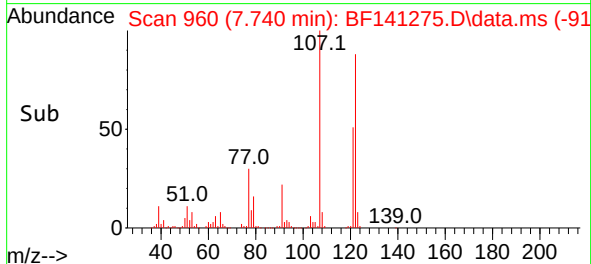
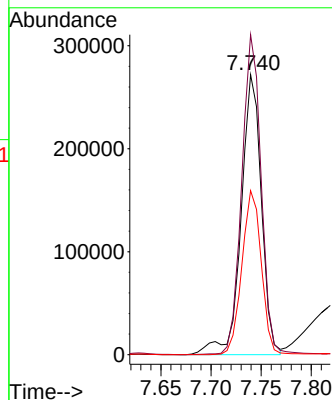
Tgt Ion:122 Resp: 383376

Ion Ratio Lower Upper

122 100

107 114.3 90.3 135.5

121 58.6 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 49.625 ng

RT: 7.834 min Scan# 976

Delta R.T. -0.018 min

Lab File: BF141275.D

Acq: 27 Jan 2025 16:24

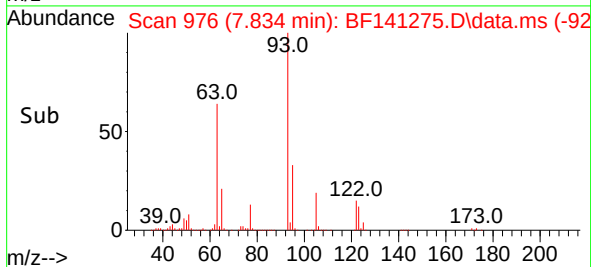
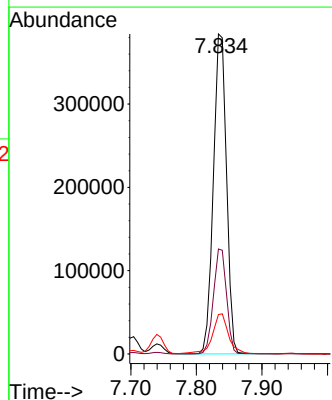
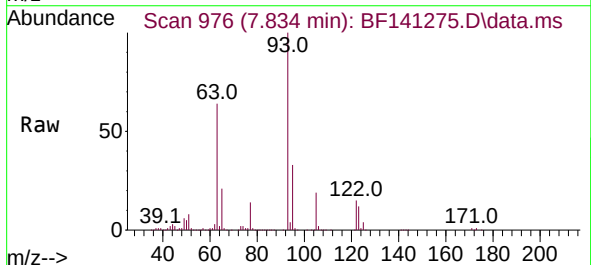
Tgt Ion: 93 Resp: 534429

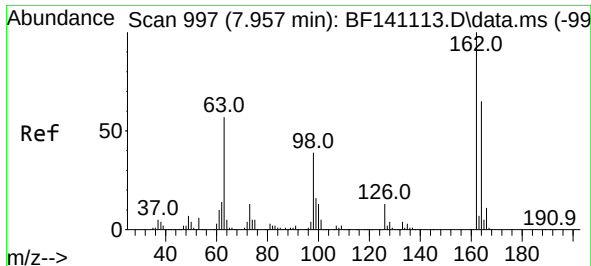
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

123 12.3 10.1 15.1

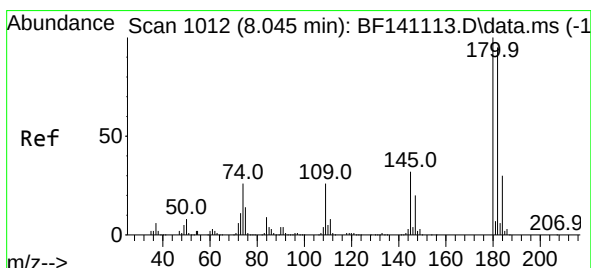
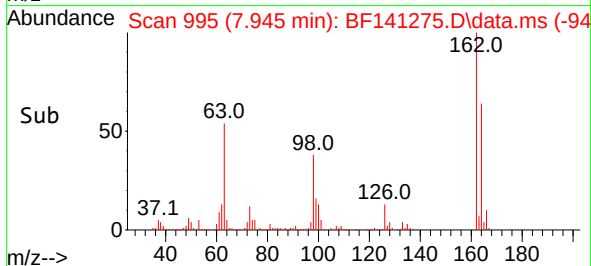
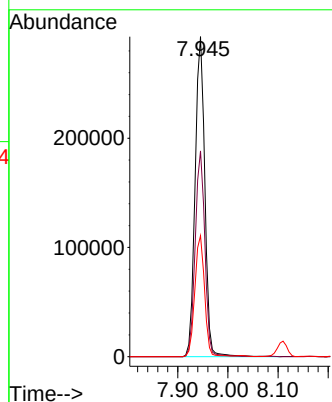
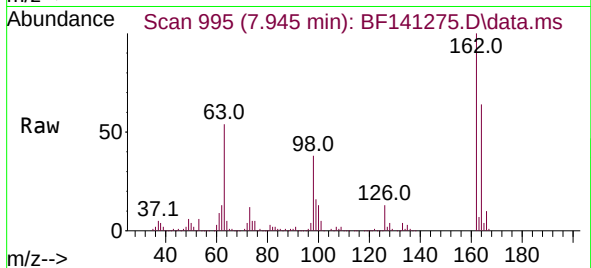




#29
2,4-Dichlorophenol
Concen: 51.608 ng
RT: 7.945 min Scan# 997
Delta R.T. -0.012 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

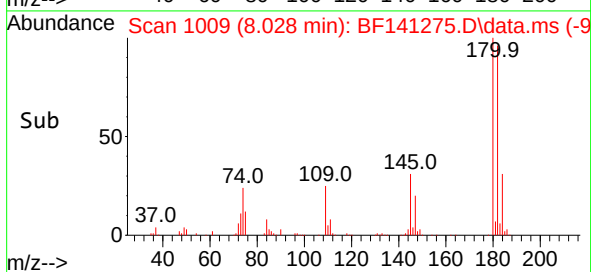
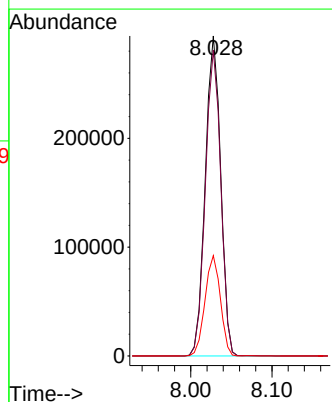
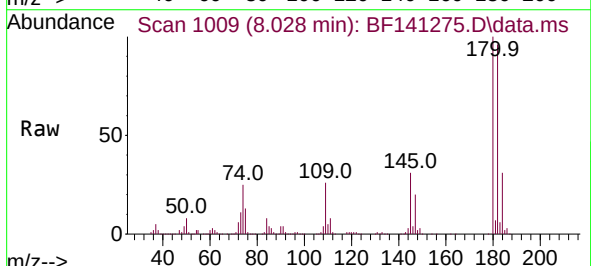
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

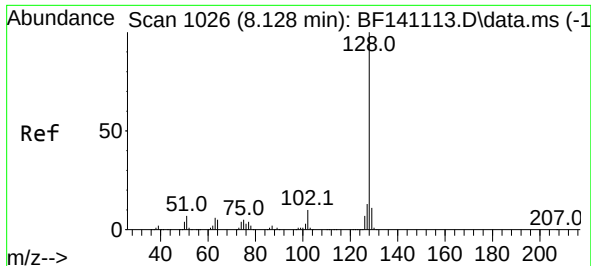
Tgt Ion:162 Resp: 393572
Ion Ratio Lower Upper
162 100
164 64.3 44.5 84.5
98 37.8 18.5 58.5



#30
1,2,4-Trichlorobenzene
Concen: 44.356 ng
RT: 8.028 min Scan# 1009
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion:180 Resp: 386656
Ion Ratio Lower Upper
180 100
182 95.6 76.2 114.2
145 31.3 25.3 37.9

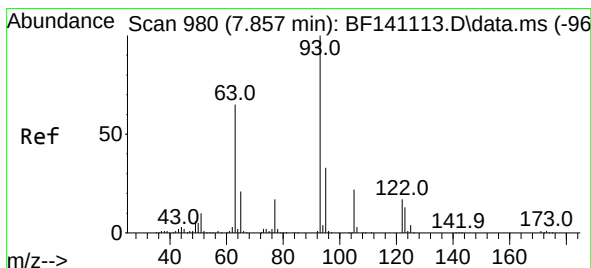
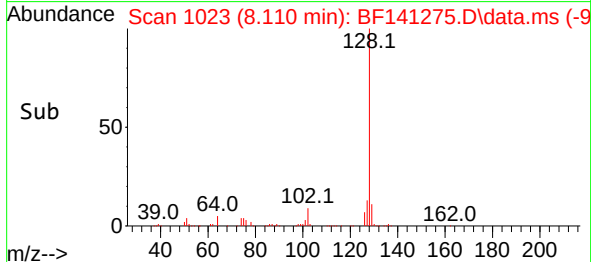
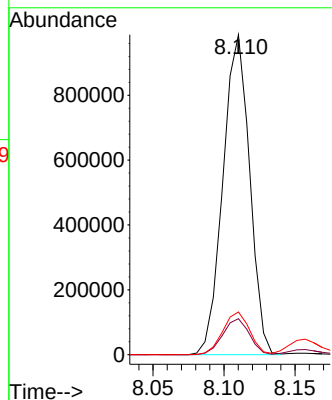
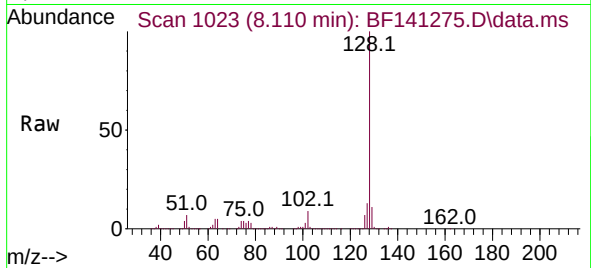




#31
Naphthalene
Concen: 45.919 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

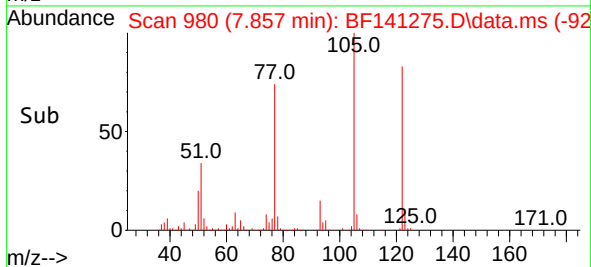
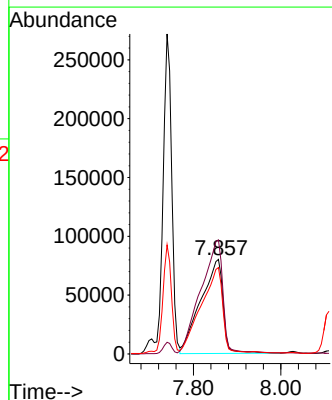
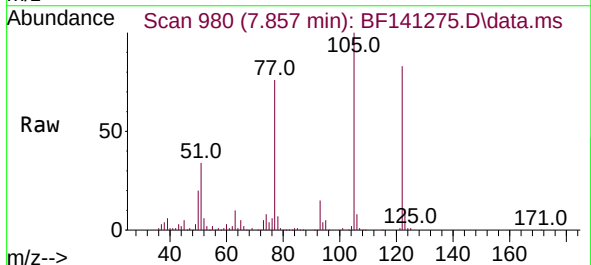
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

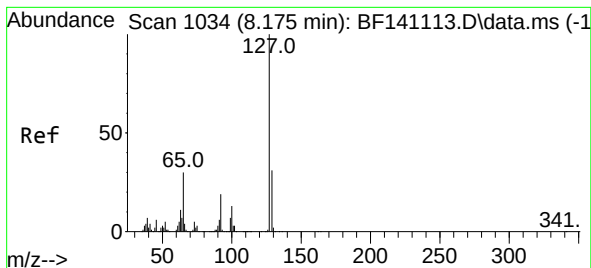
Tgt Ion:128 Resp: 1288934
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 46.091 ng
RT: 7.857 min Scan# 980
Delta R.T. 0.000 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion:122 Resp: 283907
Ion Ratio Lower Upper
122 100
105 120.7 105.5 145.5
77 91.5 75.1 115.1





#33

4-Chloroaniline

Concen: 9.384 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.018 min

Lab File: BF141275.D

Acq: 27 Jan 2025 16:24

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MSD

Tgt Ion:127 Resp: 91099

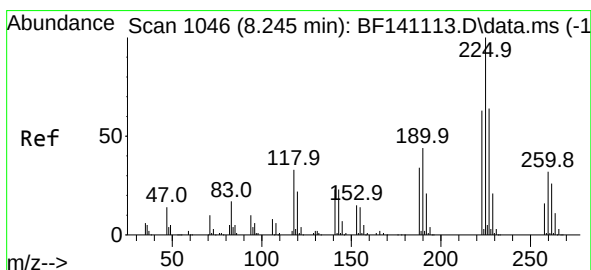
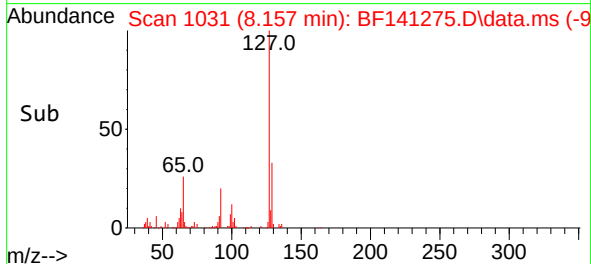
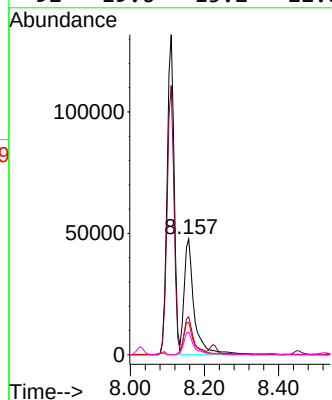
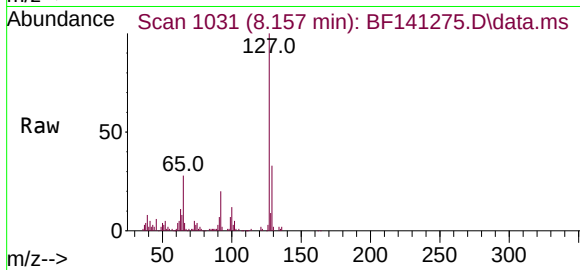
Ion Ratio Lower Upper

127 100

129 32.7 25.9 38.9

65 27.9 23.8 35.8

92 19.6 15.2 22.8



#34

Hexachlorobutadiene

Concen: 43.761 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.018 min

Lab File: BF141275.D

Acq: 27 Jan 2025 16:24

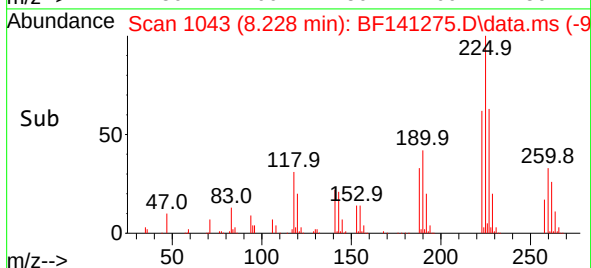
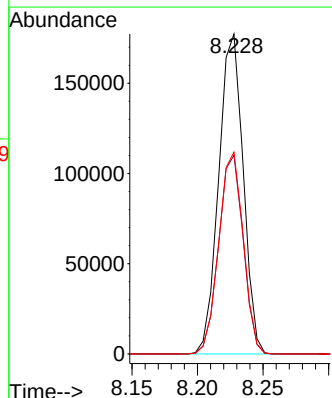
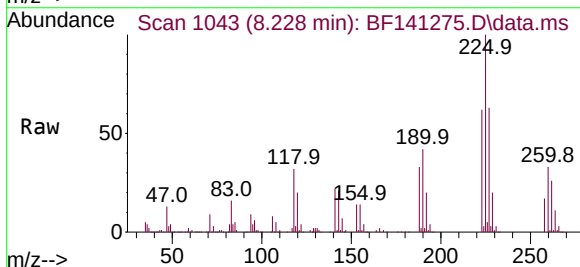
Tgt Ion:225 Resp: 229855

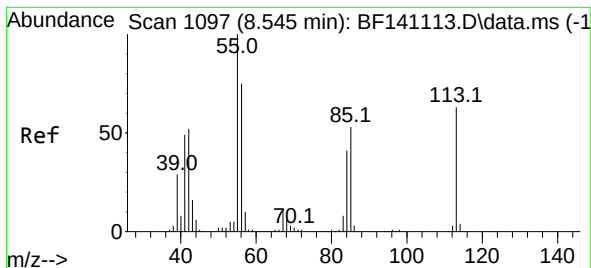
Ion Ratio Lower Upper

225 100

223 62.1 50.6 76.0

227 63.1 51.6 77.4





#35

Caprolactam

Concen: 41.815 ng

RT: 8.522 min Scan# 1093

Delta R.T. -0.023 min

Lab File: BF141275.D

Acq: 27 Jan 2025 16:24

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MSD

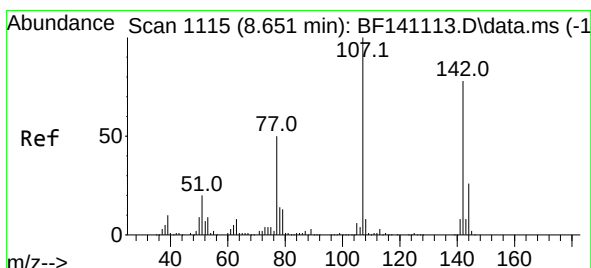
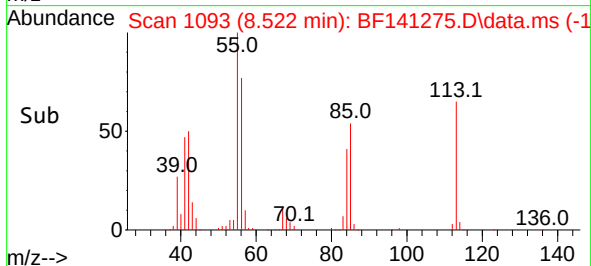
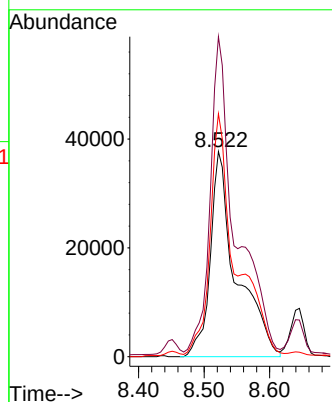
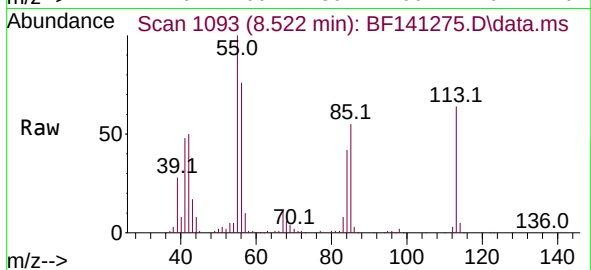
Tgt Ion:113 Resp: 104402

Ion Ratio Lower Upper

113 100

55 156.0 139.7 179.7

56 118.4 99.4 139.4



#36

4-Chloro-3-methylphenol

Concen: 51.394 ng

RT: 8.645 min Scan# 1114

Delta R.T. -0.006 min

Lab File: BF141275.D

Acq: 27 Jan 2025 16:24

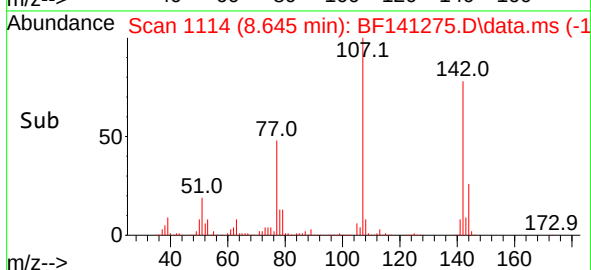
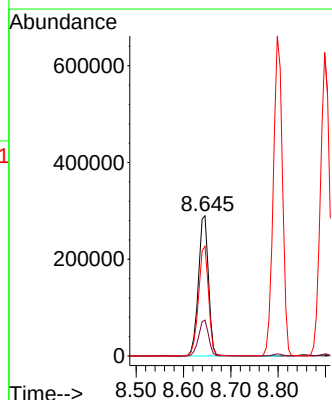
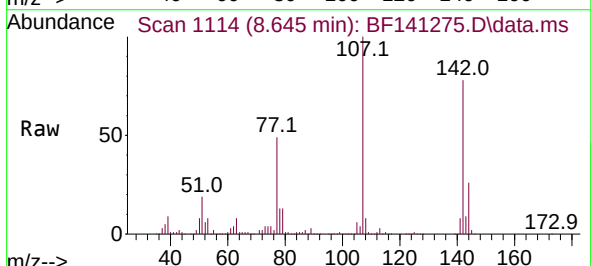
Tgt Ion:107 Resp: 428648

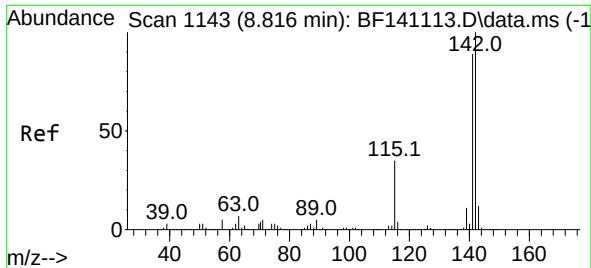
Ion Ratio Lower Upper

107 100

144 25.6 20.4 30.6

142 78.2 62.2 93.2

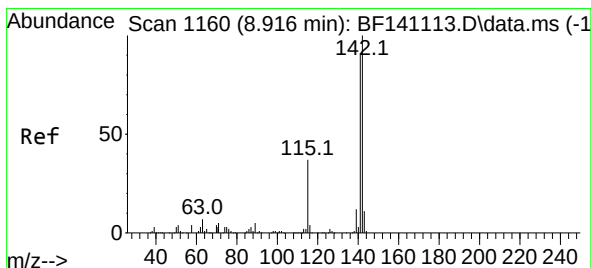
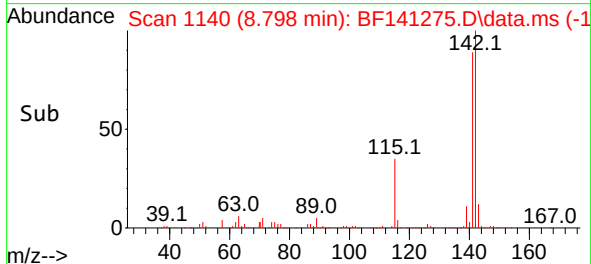
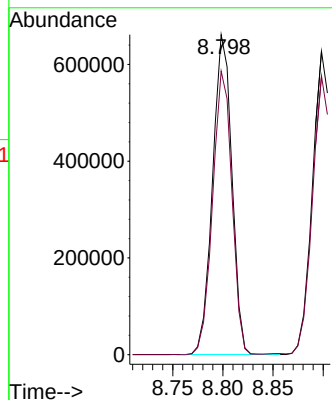
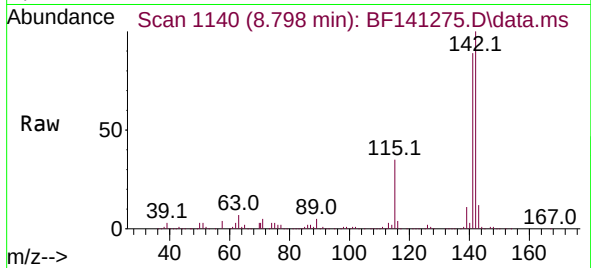




#37
2-Methylnaphthalene
Concen: 49.484 ng
RT: 8.798 min Scan# 1143
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

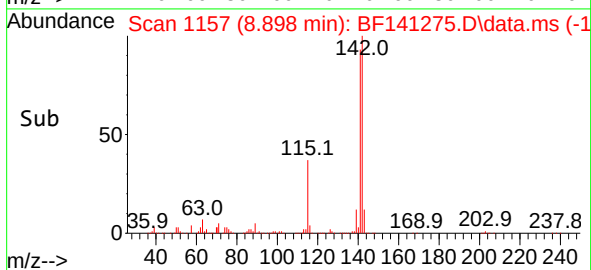
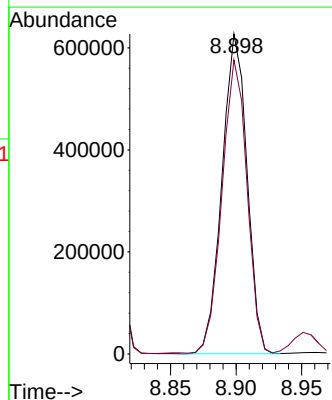
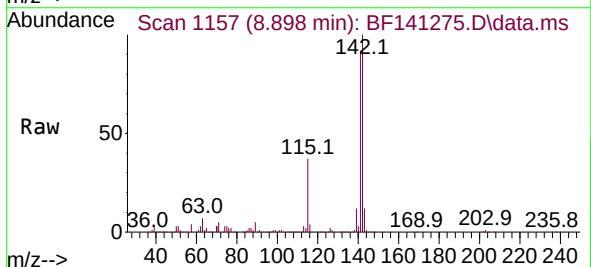
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

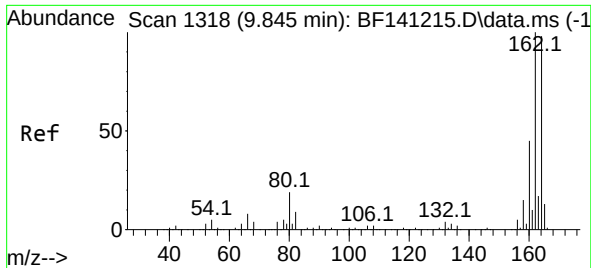
Tgt Ion:142 Resp: 885119
Ion Ratio Lower Upper
142 100
141 88.6 71.3 106.9



#38
1-Methylnaphthalene
Concen: 47.172 ng
RT: 8.898 min Scan# 1157
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

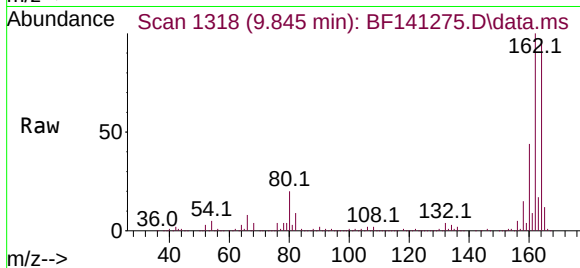
Tgt Ion:142 Resp: 831573
Ion Ratio Lower Upper
142 100
141 91.9 73.1 109.7



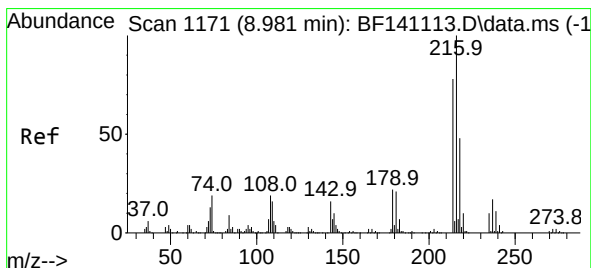
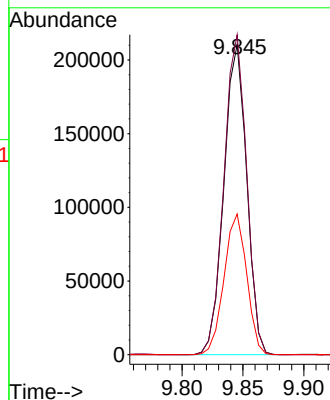
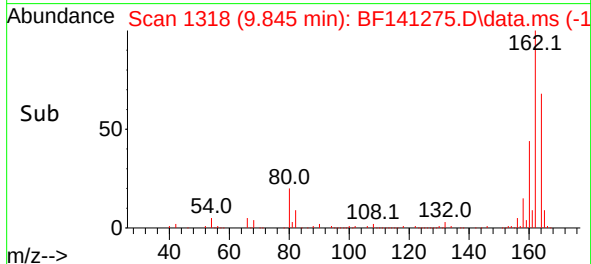


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

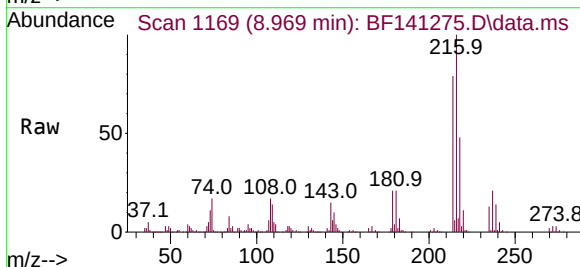
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD



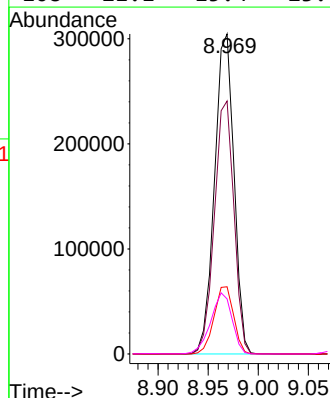
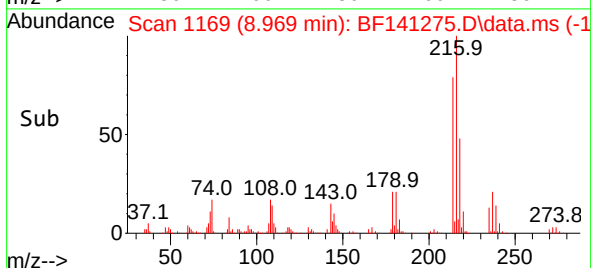
Tgt Ion:164 Resp: 274859
Ion Ratio Lower Upper
164 100
162 103.2 81.0 121.4
160 45.4 36.1 54.1

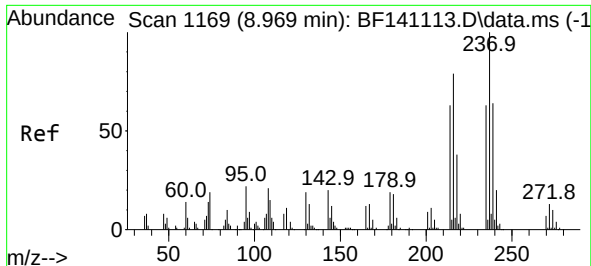


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.933 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24



Tgt Ion:216 Resp: 409698
Ion Ratio Lower Upper
216 100
214 79.5 62.6 94.0
179 21.3 17.7 26.5
108 21.1 15.4 23.0

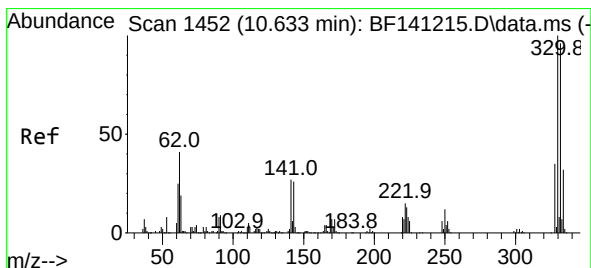
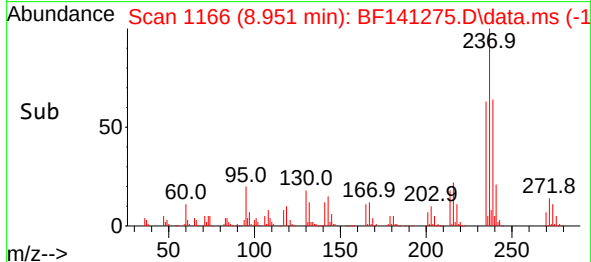
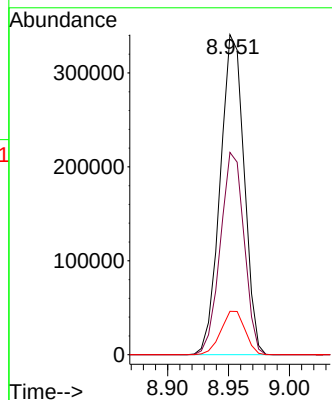
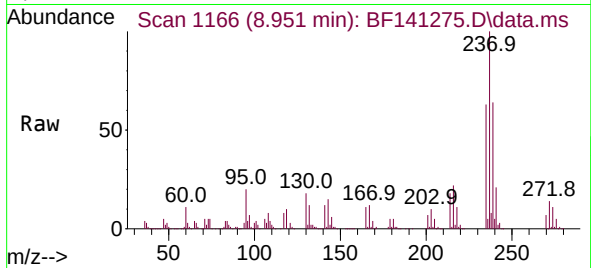




#41
Hexachlorocyclopentadiene
Concen: 180.395 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

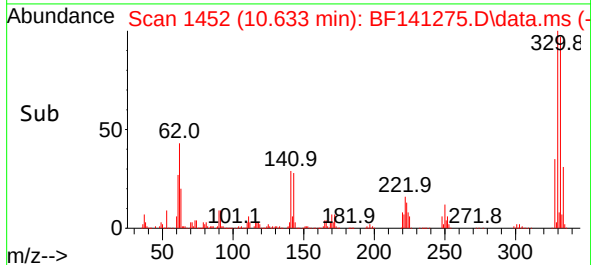
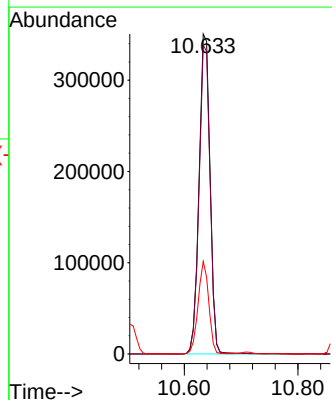
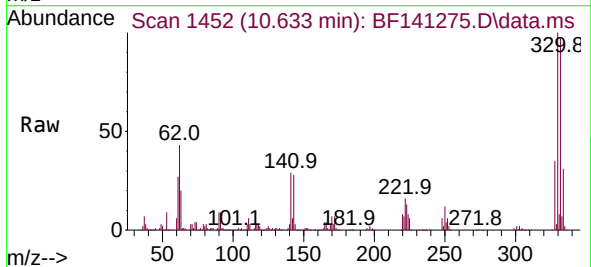
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

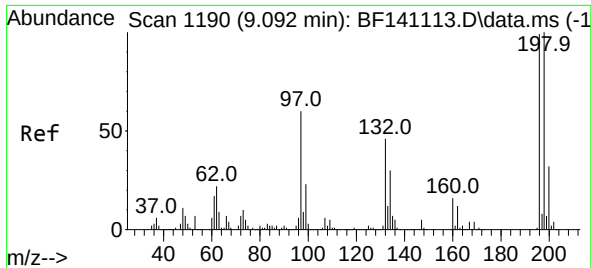
Tgt Ion:237 Resp: 465601
Ion Ratio Lower Upper
237 100
235 63.2 43.0 83.0
272 13.6 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 151.562 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion:330 Resp: 474669
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 28.0 25.2 37.8

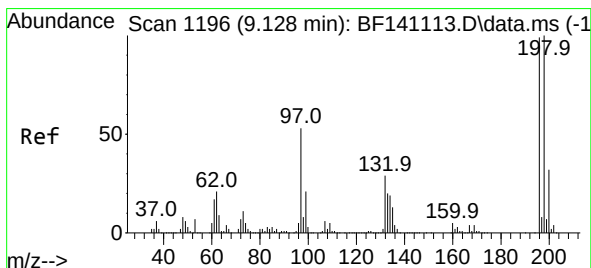
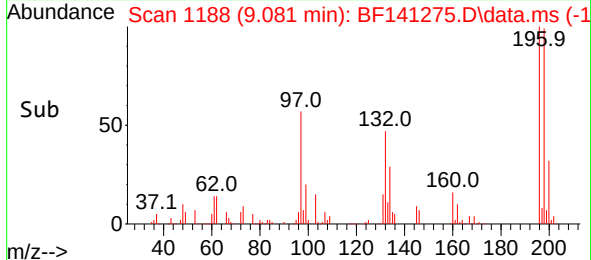
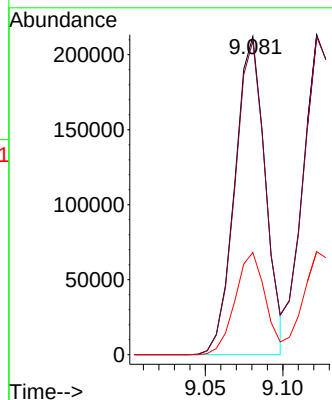
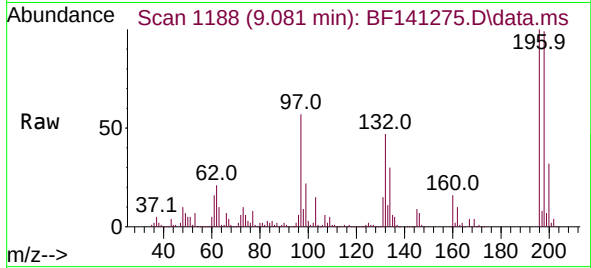




#43
2,4,6-Trichlorophenol
Concen: 54.475 ng
RT: 9.081 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

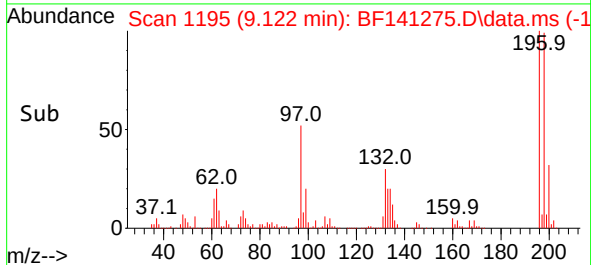
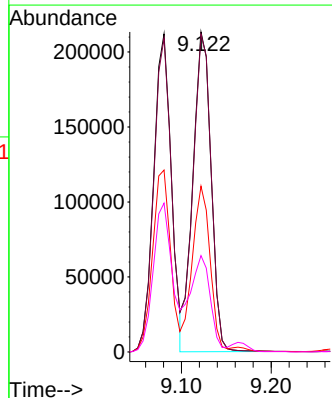
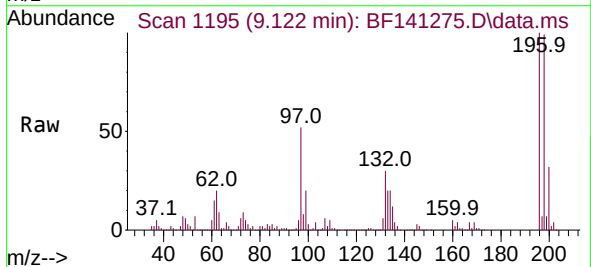
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

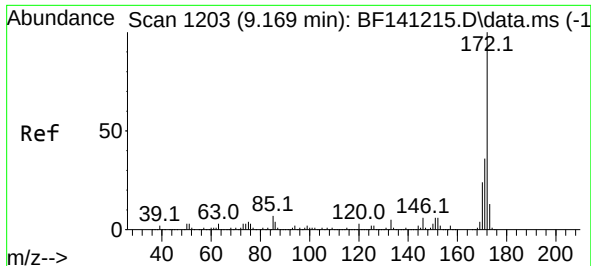
Tgt Ion:196 Resp: 289844
Ion Ratio Lower Upper
196 100
198 98.6 80.8 121.2
200 32.1 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 53.266 ng
RT: 9.122 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion:196 Resp: 299313
Ion Ratio Lower Upper
196 100
198 99.3 80.6 120.8
97 51.8 43.1 64.7
132 30.1 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 98.798 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141275.D

Acq: 27 Jan 2025 16:24

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MSD

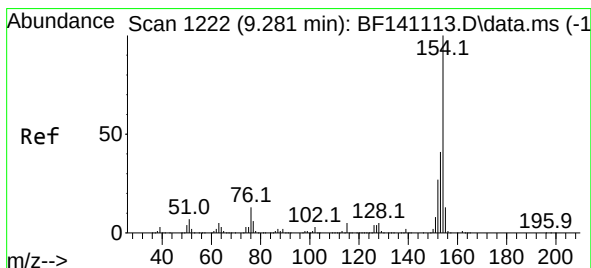
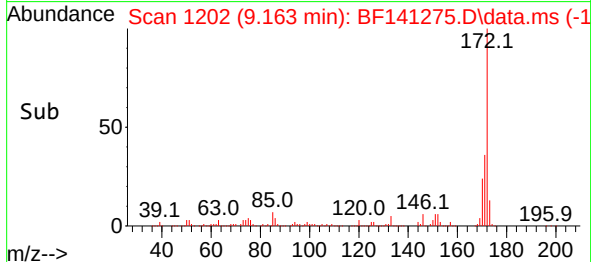
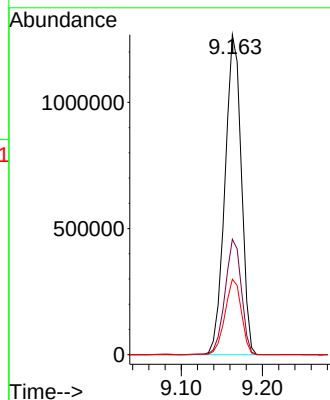
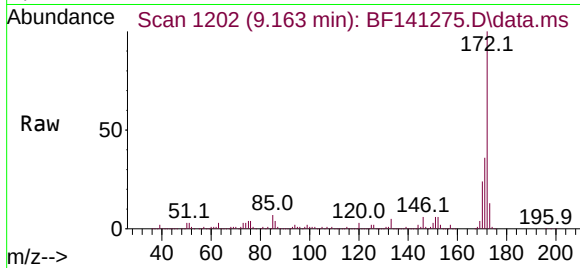
Tgt Ion:172 Resp: 1778313

Ion Ratio Lower Upper

172 100

171 36.0 28.7 43.1

170 23.6 19.0 28.6



#46

1,1'-Biphenyl

Concen: 52.463 ng

RT: 9.269 min Scan# 1220

Delta R.T. -0.012 min

Lab File: BF141275.D

Acq: 27 Jan 2025 16:24

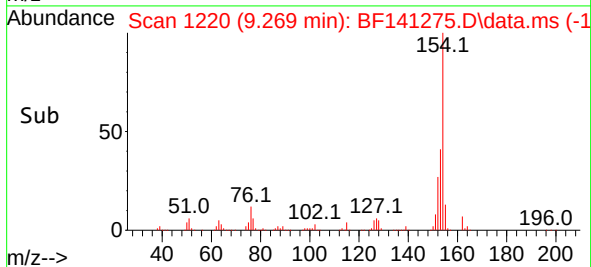
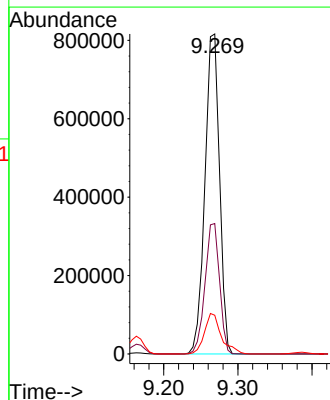
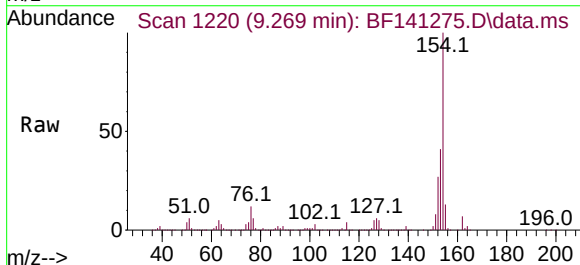
Tgt Ion:154 Resp: 1119854

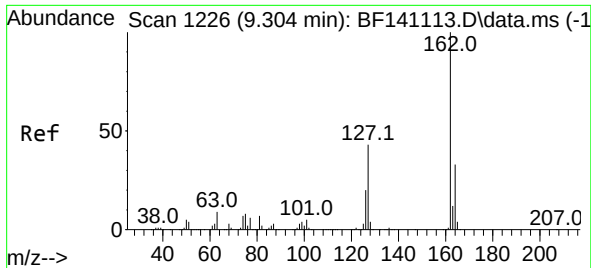
Ion Ratio Lower Upper

154 100

153 40.7 20.7 60.7

76 12.1 0.0 33.1

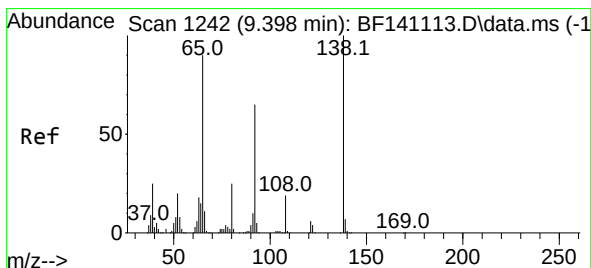
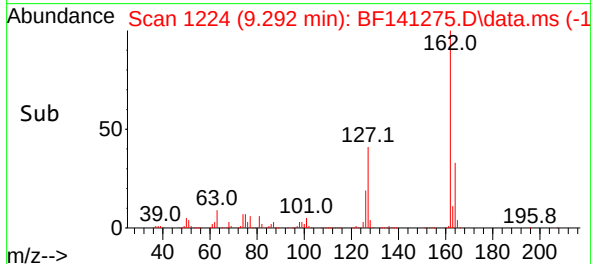
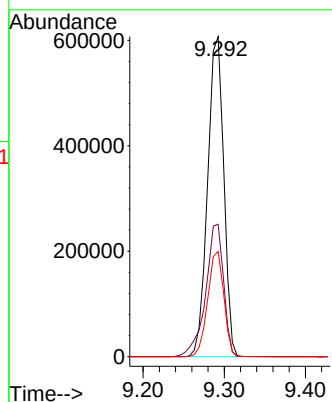
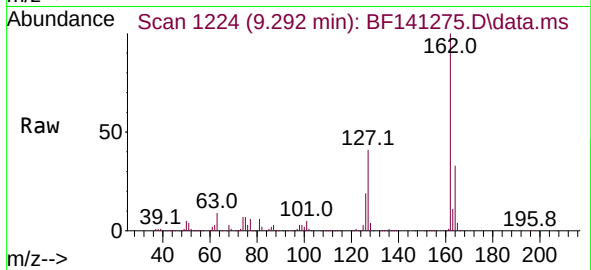




#47
2-Chloronaphthalene
Concen: 50.400 ng
RT: 9.292 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

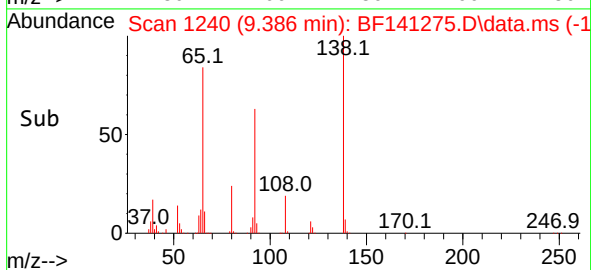
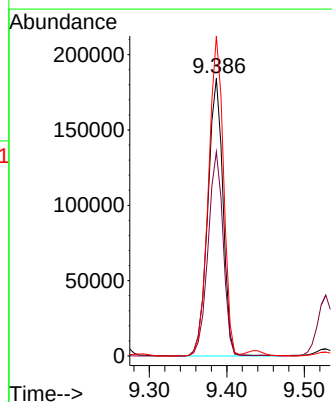
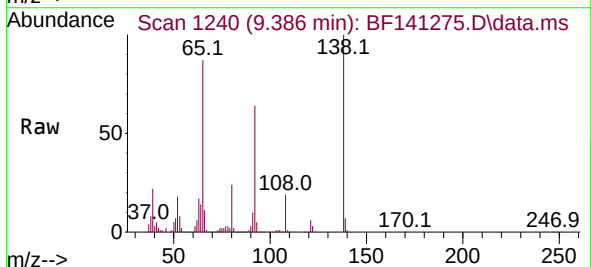
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

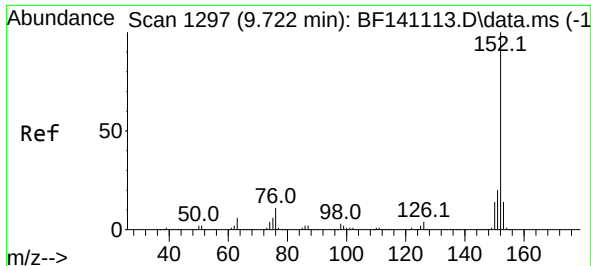
Tgt Ion:162 Resp: 837919
Ion Ratio Lower Upper
162 100
127 41.4 34.6 51.8
164 32.9 26.5 39.7



#48
2-Nitroaniline
Concen: 50.721 ng
RT: 9.386 min Scan# 1240
Delta R.T. -0.012 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion: 65 Resp: 249972
Ion Ratio Lower Upper
65 100
92 73.5 58.3 87.5
138 115.2 89.1 133.7

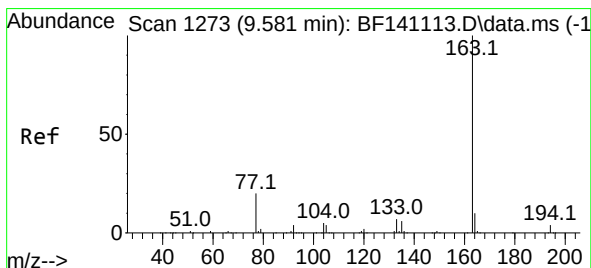
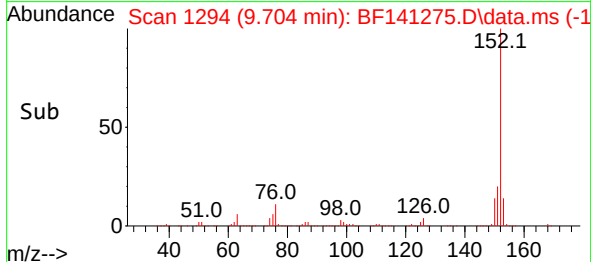
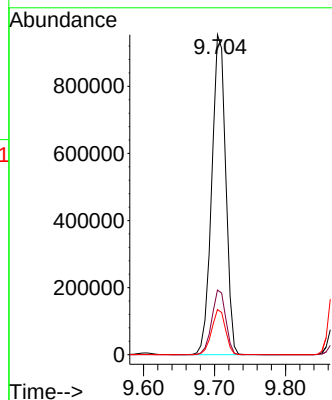
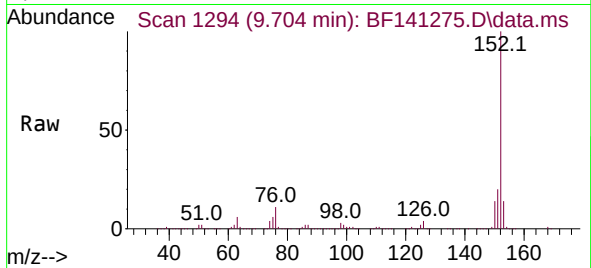




#49
Acenaphthylene
Concen: 54.883 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

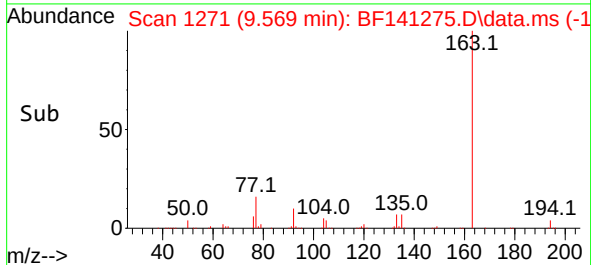
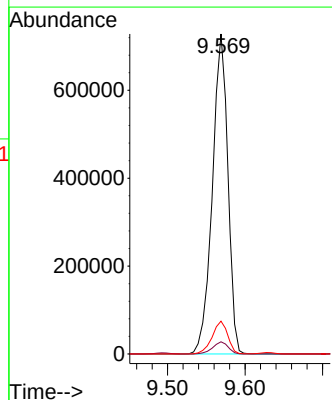
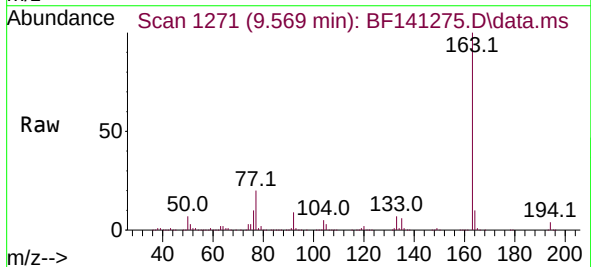
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

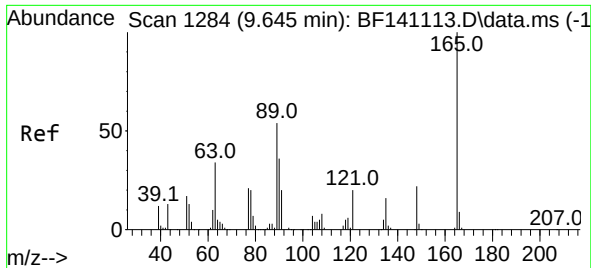
Tgt Ion:152 Resp: 1303637
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 14.1 11.1 16.7



#50
Dimethylphthalate
Concen: 54.860 ng
RT: 9.569 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion:163 Resp: 1012295
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.2 8.2 12.4

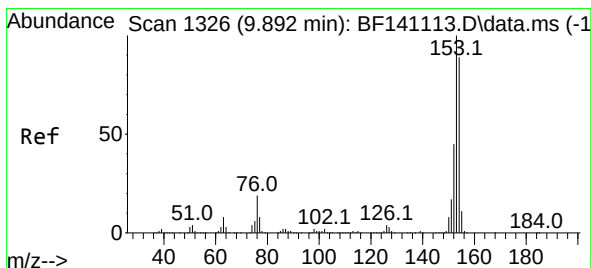
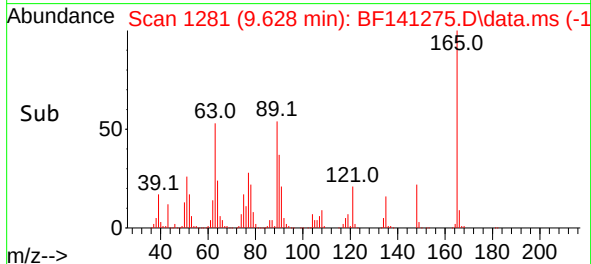
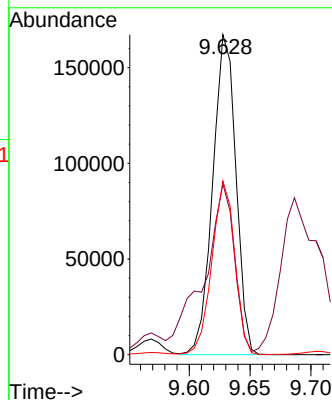
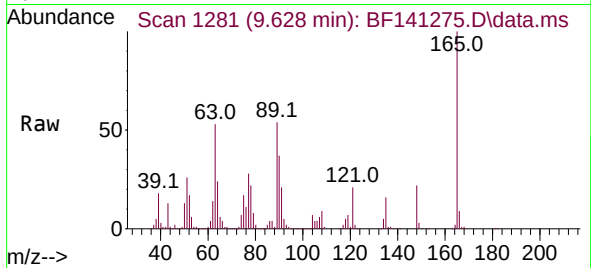




#51
2,6-Dinitrotoluene
Concen: 51.704 ng
RT: 9.628 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

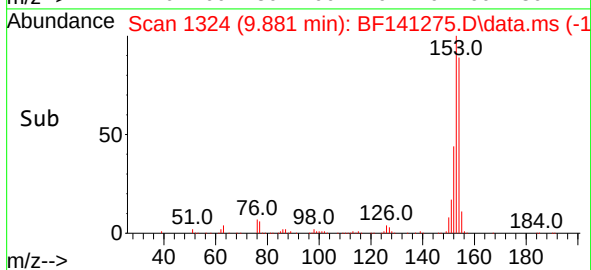
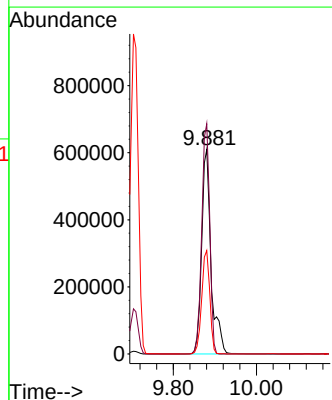
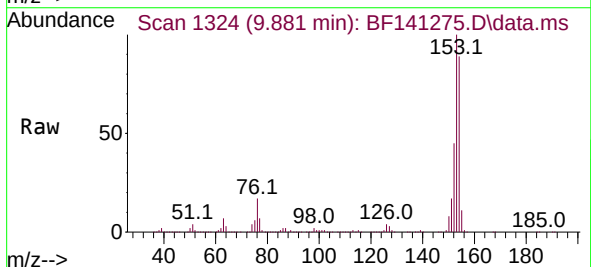
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

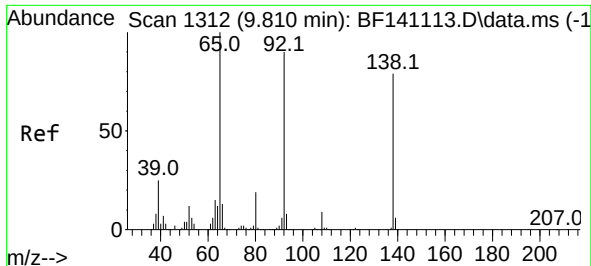
Tgt Ion:165 Resp: 221861
Ion Ratio Lower Upper
165 100
63 53.4 42.3 63.5
89 54.2 43.1 64.7



#52
Acenaphthene
Concen: 58.113 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion:154 Resp: 964389
Ion Ratio Lower Upper
154 100
153 112.6 89.8 134.6
152 50.6 40.8 61.2

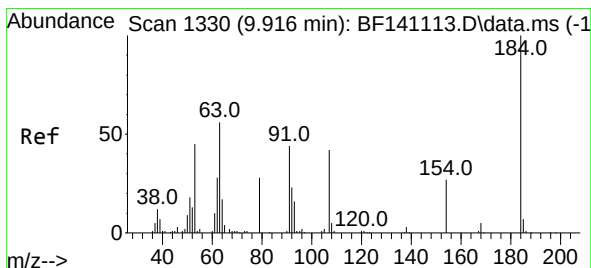
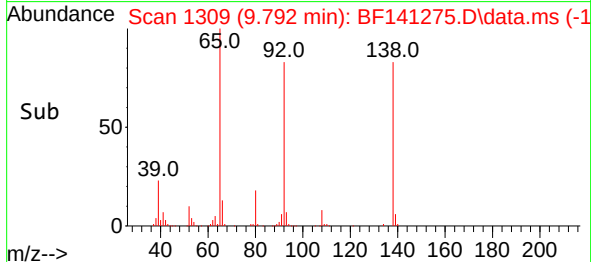
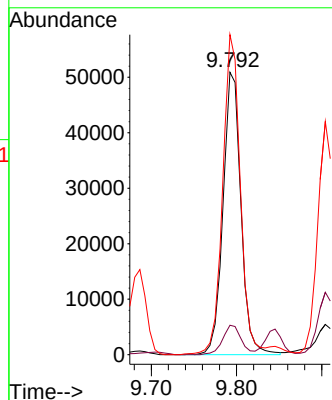
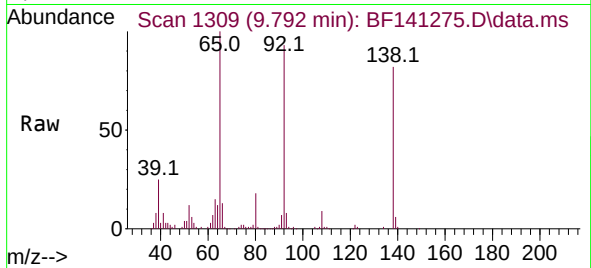




#53
3-Nitroaniline
Concen: 17.069 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

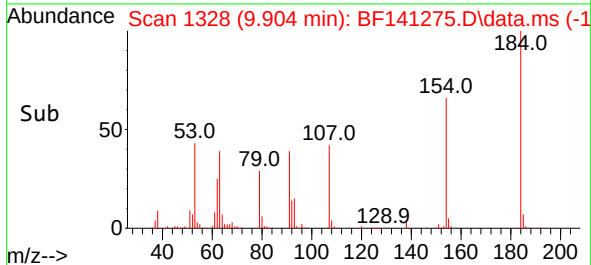
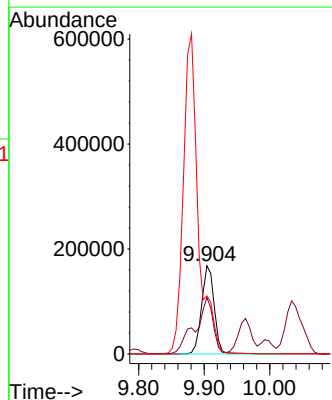
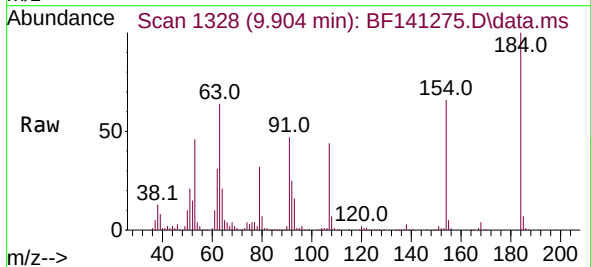
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

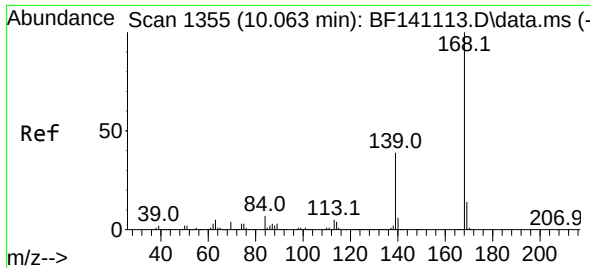
Tgt Ion:138 Resp: 74430
Ion Ratio Lower Upper
138 100
108 10.4 8.8 13.2
92 113.3 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 110.890 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion:184 Resp: 226171
Ion Ratio Lower Upper
184 100
63 63.9 48.7 73.1
154 65.9 57.1 85.7

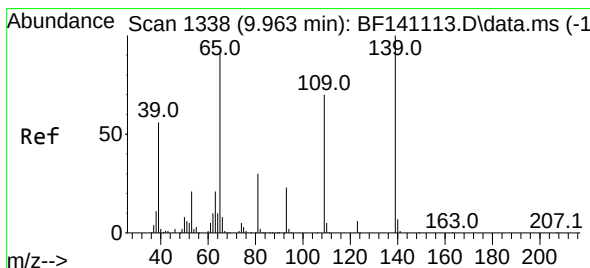
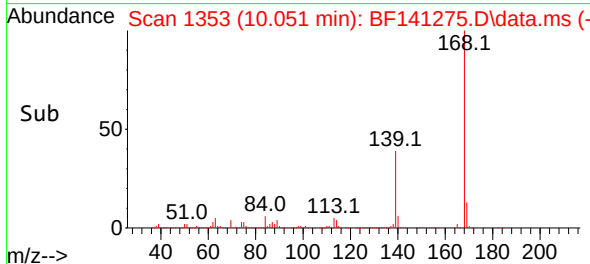
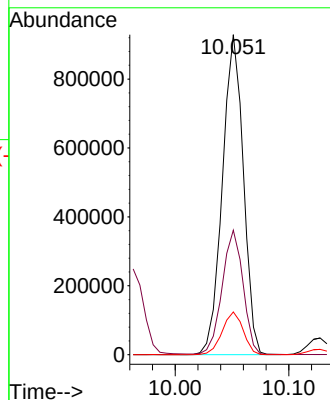
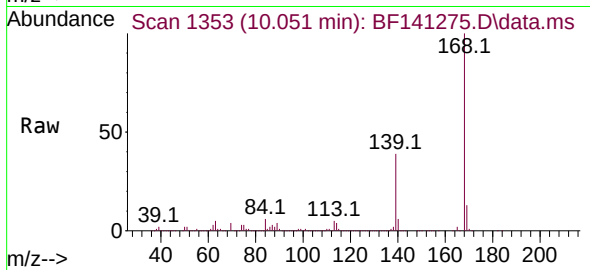




#55
Dibenzenofuran
Concen: 52.772 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

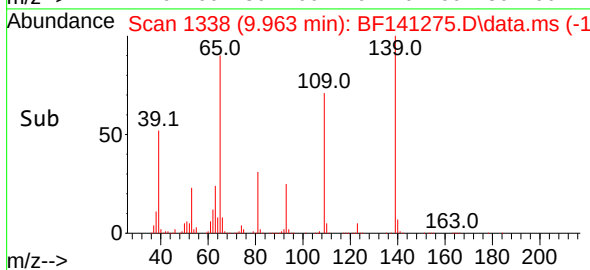
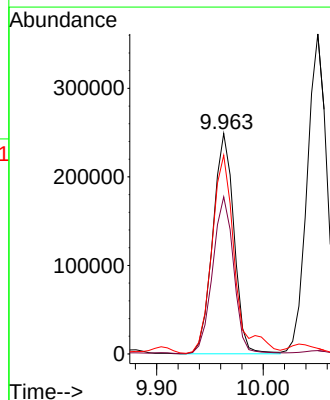
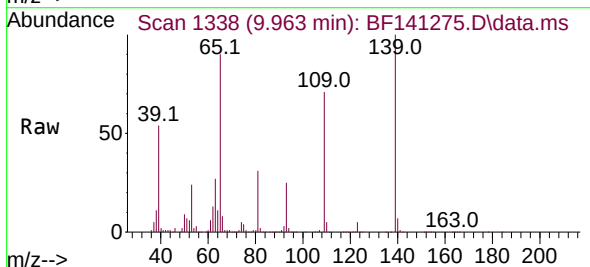
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

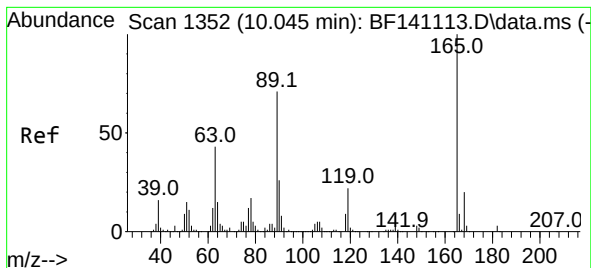
Tgt Ion:168 Resp: 1191202
Ion Ratio Lower Upper
168 100
139 38.9 31.4 47.0
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 100.361 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion:139 Resp: 342739
Ion Ratio Lower Upper
139 100
109 71.2 50.2 90.2
65 90.2 72.1 112.1

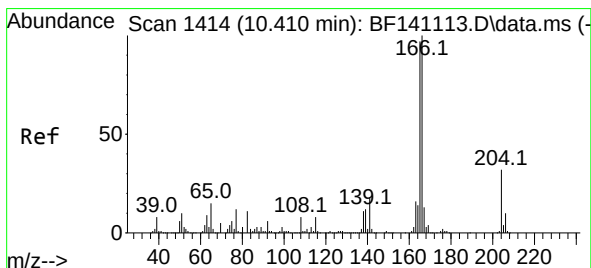
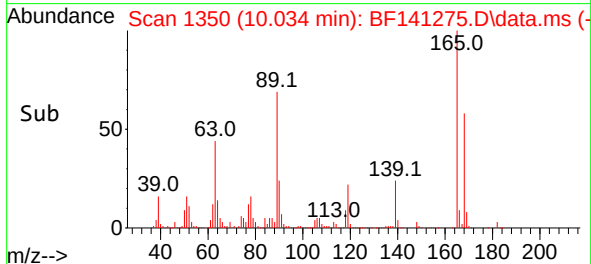
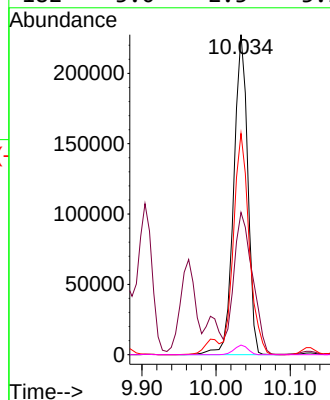
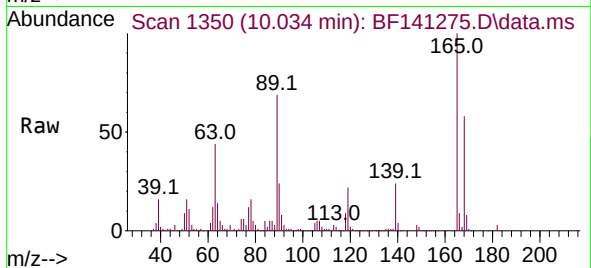




#57
2,4-Dinitrotoluene
Concen: 54.067 ng
RT: 10.034 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

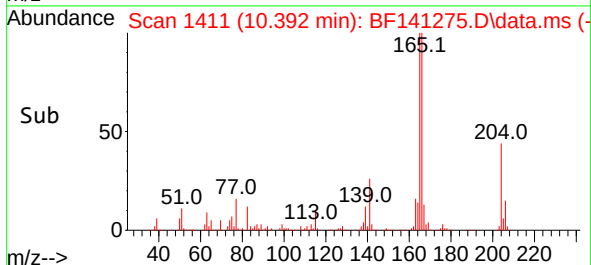
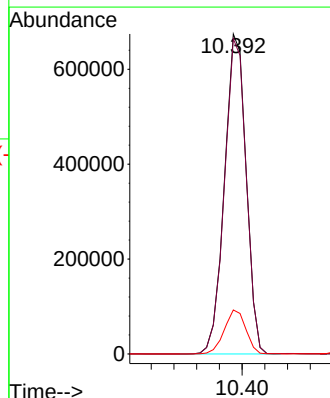
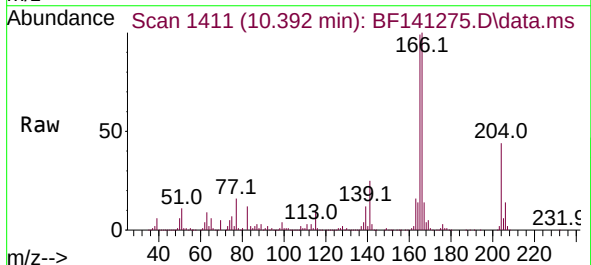
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

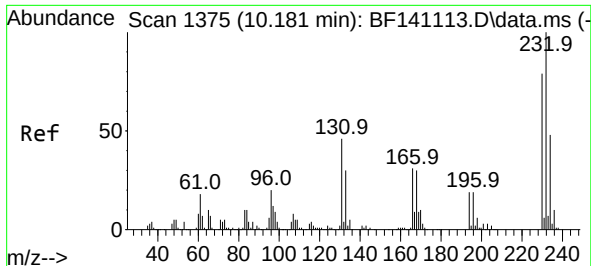
Tgt Ion:165 Resp: 298987
Ion Ratio Lower Upper
165 100
63 44.5 35.0 52.4
89 69.1 56.7 85.1
182 3.0 2.3 3.5



#58
Fluorene
Concen: 50.920 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion:166 Resp: 892961
Ion Ratio Lower Upper
166 100
165 98.5 77.8 116.8
167 13.7 10.8 16.2

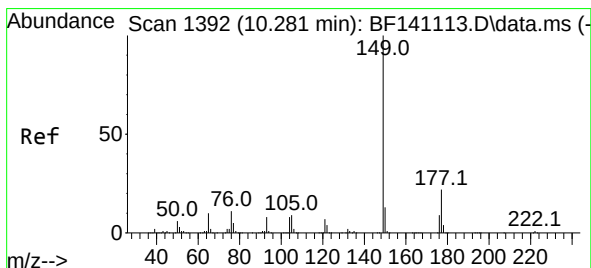
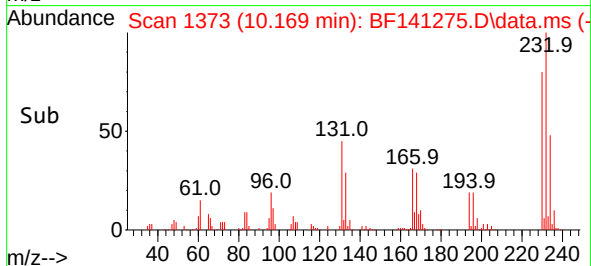
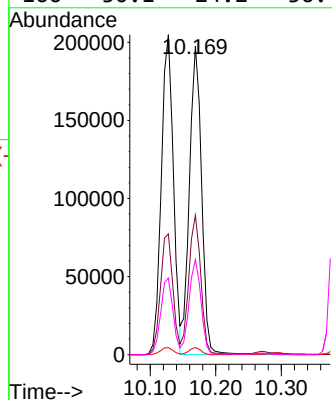
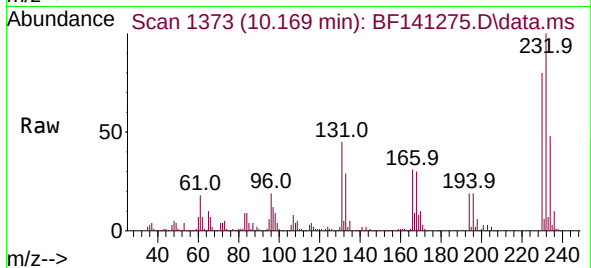




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.131 ng
RT: 10.169 min Scan# 1373
Delta R.T. -0.012 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

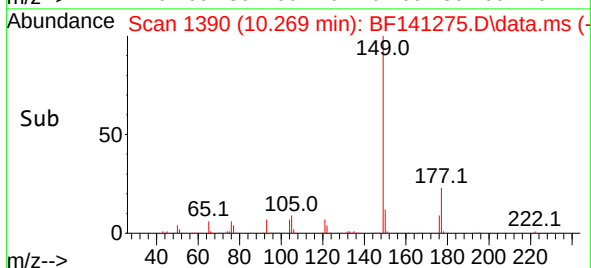
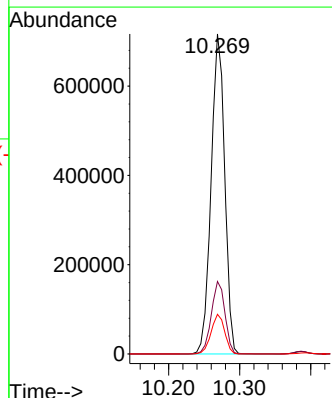
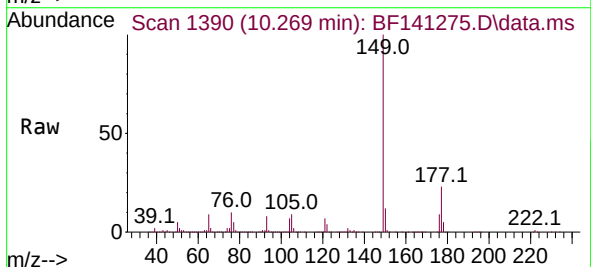
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

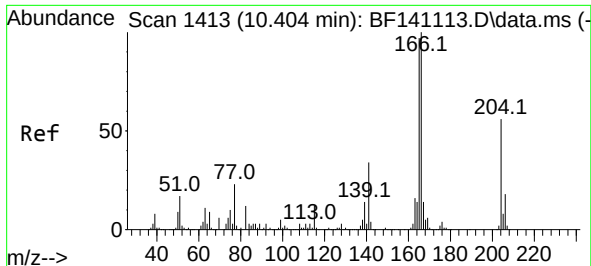
Tgt Ion:232 Resp: 252834
Ion Ratio Lower Upper
232 100
131 44.6 36.2 54.4
130 2.3 2.0 3.0
166 30.1 24.2 36.4



#60
Diethylphthalate
Concen: 52.926 ng
RT: 10.269 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion:149 Resp: 953422
Ion Ratio Lower Upper
149 100
177 22.6 17.9 26.9
150 12.4 10.2 15.2

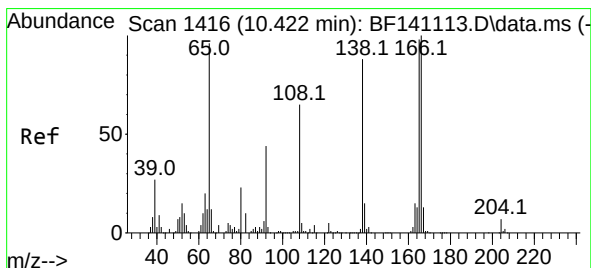
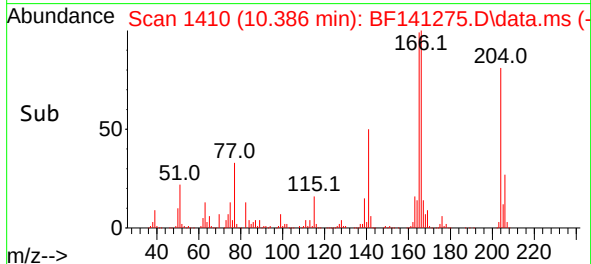
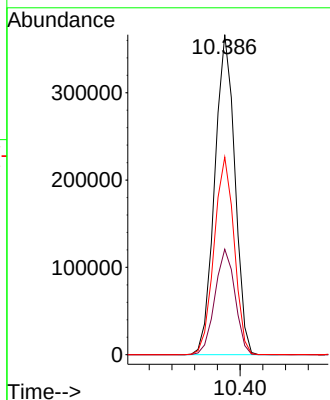
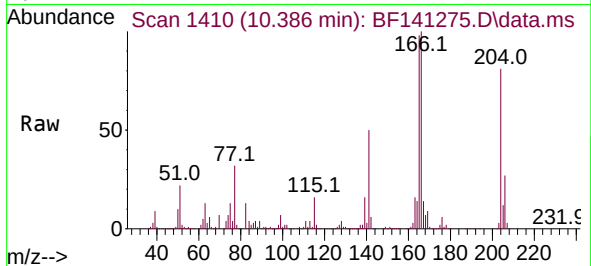




#61
4-Chlorophenyl-phenylether
Concen: 52.836 ng
RT: 10.386 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

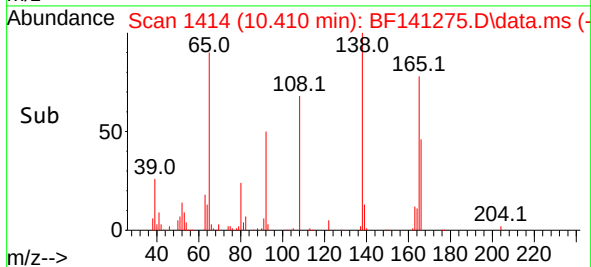
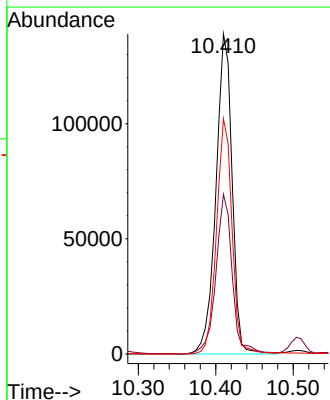
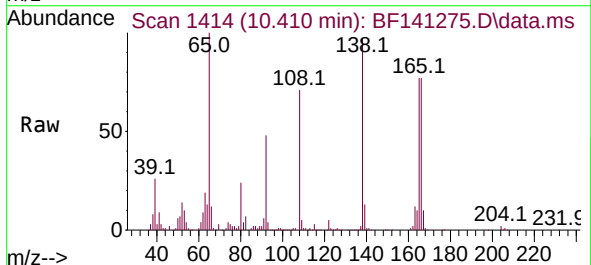
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

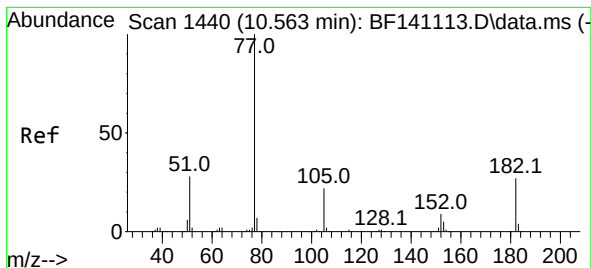
Tgt Ion:204 Resp: 451592
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 61.7 49.1 73.7



#62
4-Nitroaniline
Concen: 47.323 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion:138 Resp: 201971
Ion Ratio Lower Upper
138 100
92 49.9 29.4 69.4
108 73.5 53.7 93.7





#63

Azobenzene

Concen: 50.712 ng

RT: 10.545 min Scan# 1440

Delta R.T. -0.018 min

Lab File: BF141275.D

Acq: 27 Jan 2025 16:24

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MSD

Tgt Ion: 77 Resp: 901412

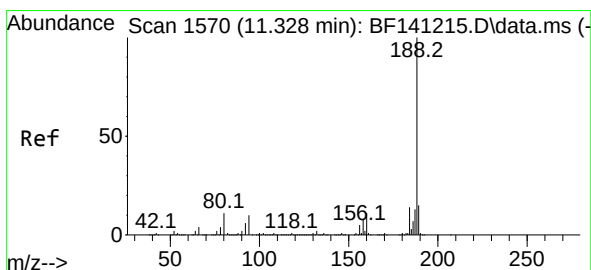
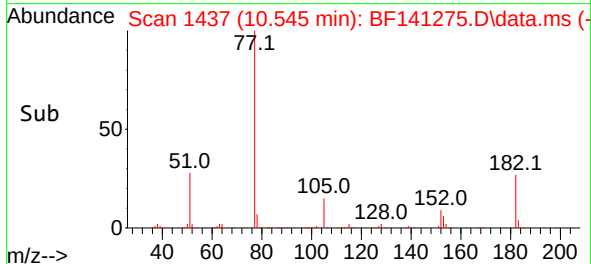
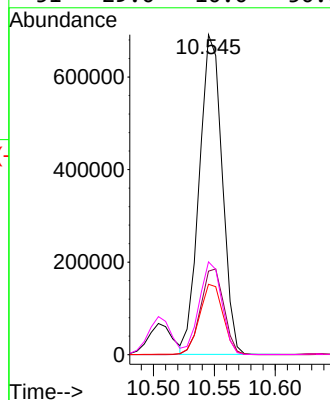
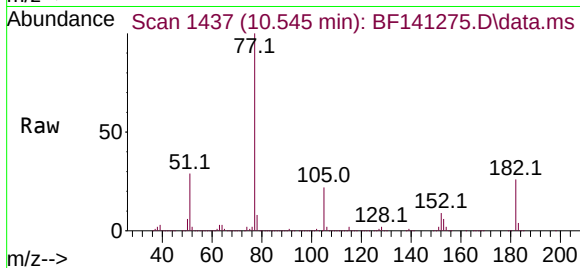
Ion Ratio Lower Upper

77 100

182 26.1 6.1 46.1

105 22.0 2.1 42.1

51 29.0 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: BF141275.D

Acq: 27 Jan 2025 16:24

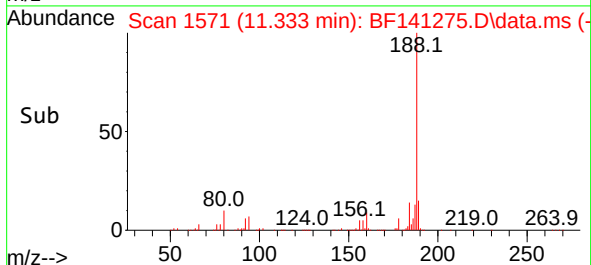
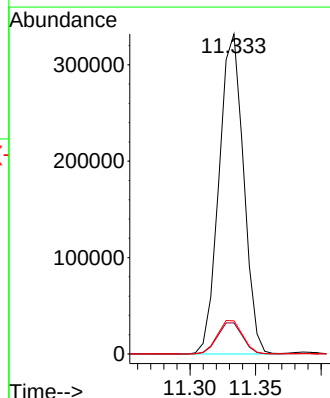
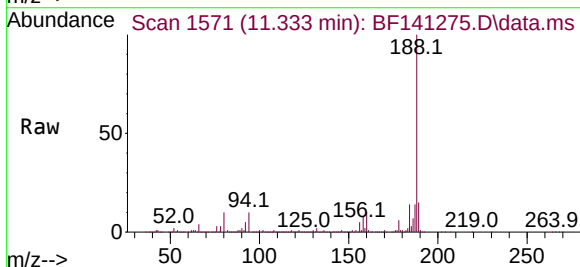
Tgt Ion:188 Resp: 431743

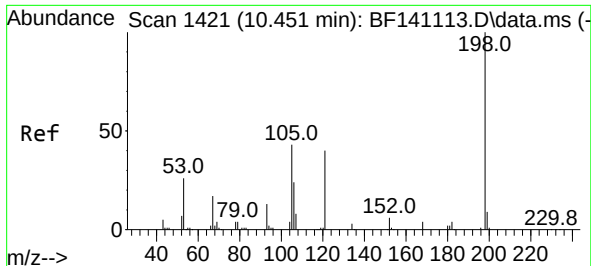
Ion Ratio Lower Upper

188 100

94 9.7 8.3 12.5

80 10.3 9.0 13.4

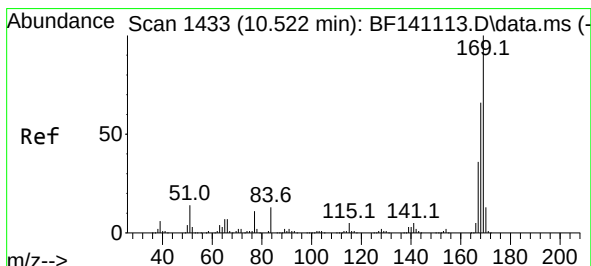
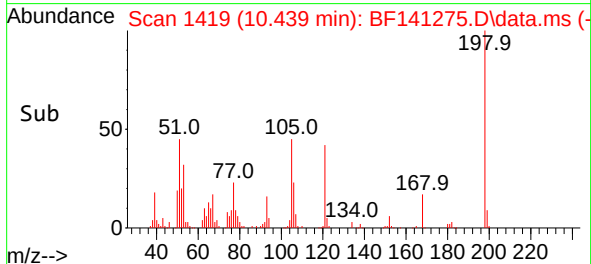
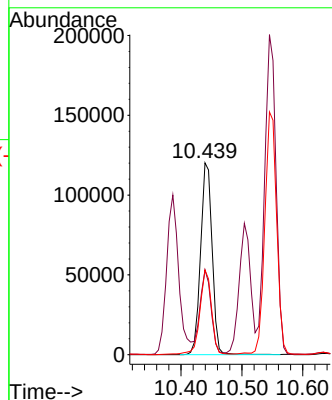
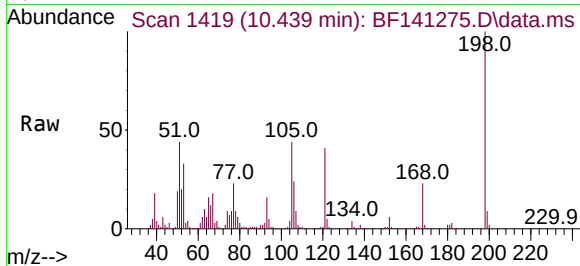




#65
4,6-Dinitro-2-methylphenol
Concen: 63.372 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

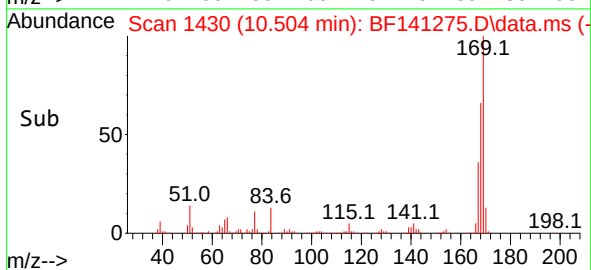
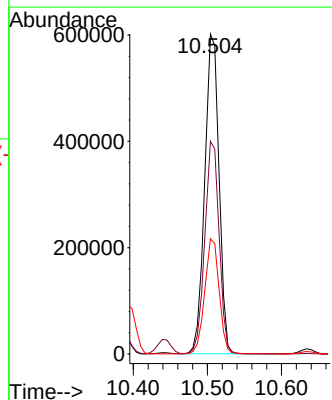
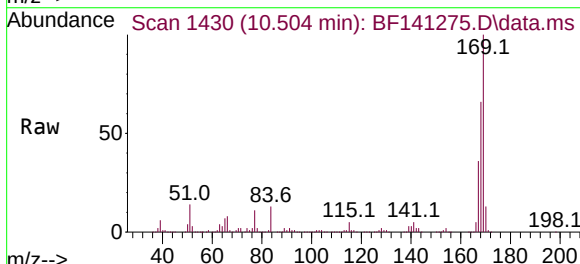
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

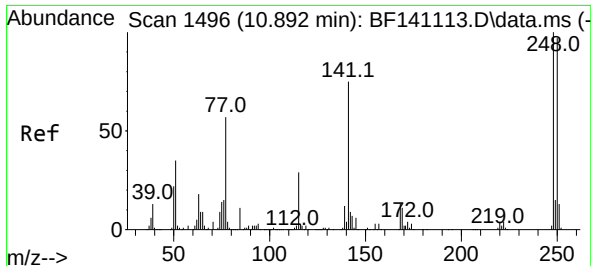
Tgt Ion:198 Resp: 158546
Ion Ratio Lower Upper
198 100
51 44.2 27.1 67.1
105 44.2 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 57.901 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion:169 Resp: 806309
Ion Ratio Lower Upper
169 100
168 66.5 52.5 78.7
167 36.0 28.9 43.3

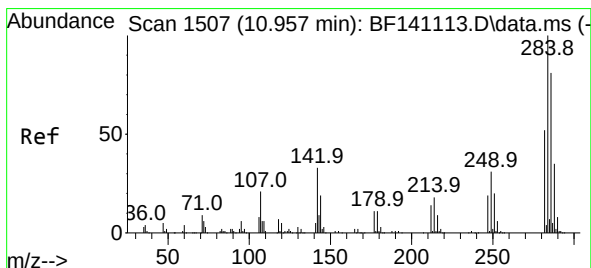
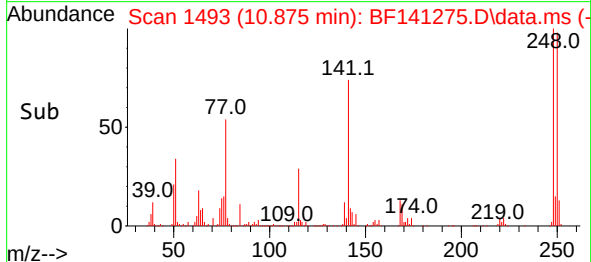
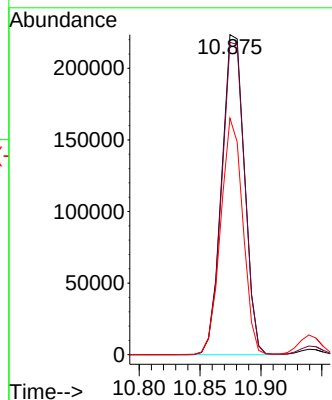
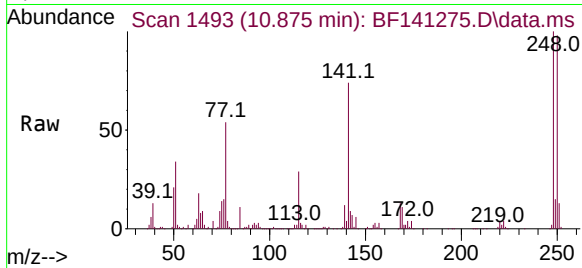




#67
4-Bromophenyl-phenylether
Concen: 58.780 ng
RT: 10.875 min Scan# 1493
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

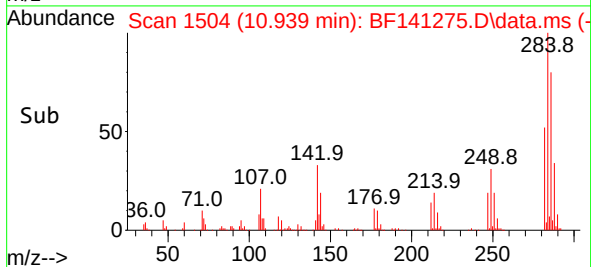
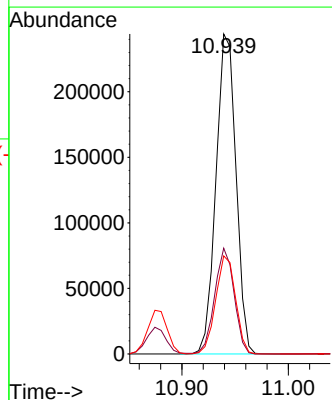
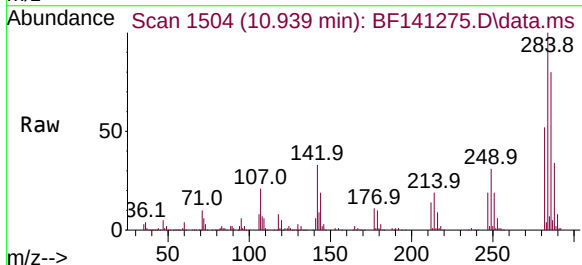
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

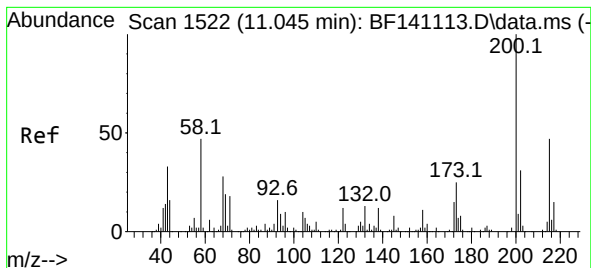
Tgt Ion:248 Resp: 292175
Ion Ratio Lower Upper
248 100
250 97.6 77.9 116.9
141 73.9 59.9 89.9



#68
Hexachlorobenzene
Concen: 57.516 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.018 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion:284 Resp: 318250
Ion Ratio Lower Upper
284 100
142 33.1 26.3 39.5
249 30.6 24.9 37.3





#69

Atrazine

Concen: 70.259 ng

RT: 11.033 min Scan# 1520

Delta R.T. -0.012 min

Lab File: BF141275.D

Acq: 27 Jan 2025 16:24

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MSD

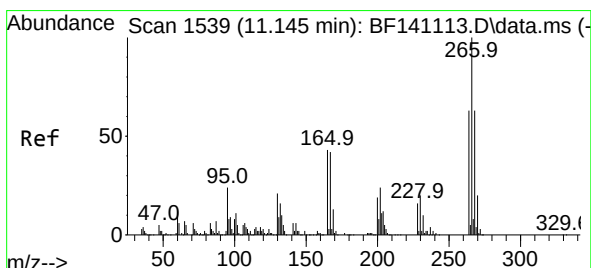
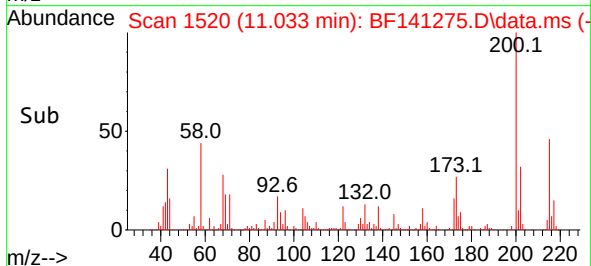
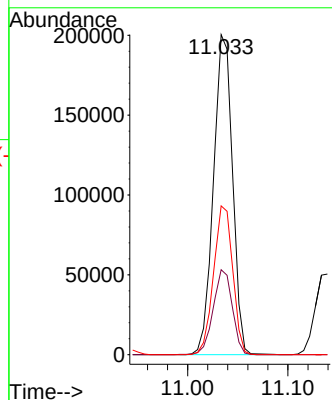
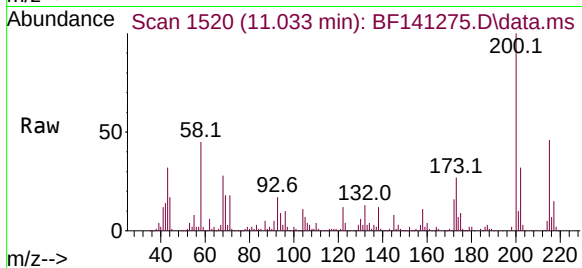
Tgt Ion:200 Resp: 263442

Ion Ratio Lower Upper

200 100

173 26.5 5.4 45.4

215 46.5 26.6 66.6



#70

Pentachlorophenol

Concen: 106.513 ng

RT: 11.139 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF141275.D

Acq: 27 Jan 2025 16:24

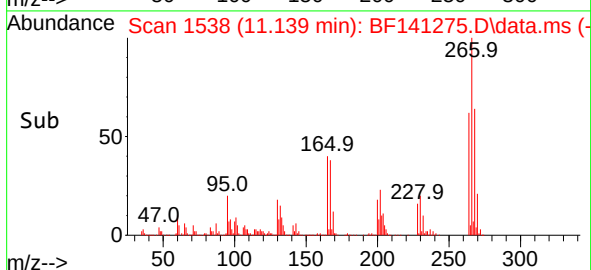
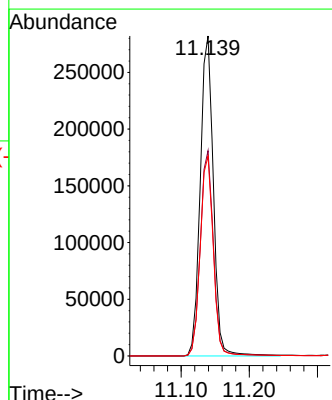
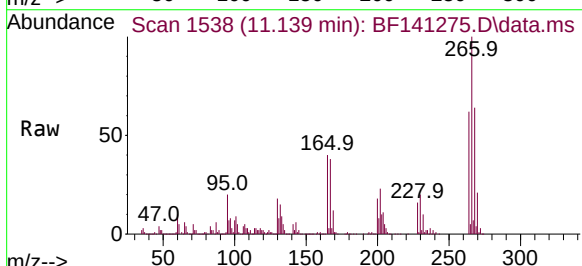
Tgt Ion:266 Resp: 377432

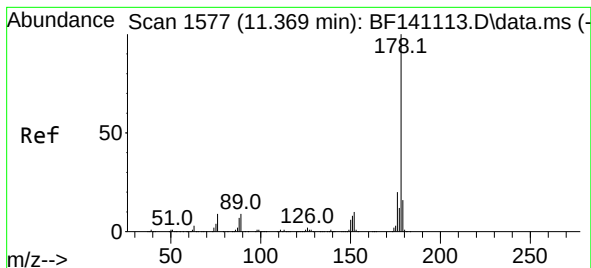
Ion Ratio Lower Upper

266 100

268 64.1 50.4 75.6

264 62.5 50.2 75.2





#71

Phenanthrene

Concen: 56.099 ng

RT: 11.357 min Scan# 1575

Delta R.T. -0.012 min

Lab File: BF141275.D

Acq: 27 Jan 2025 16:24

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MSD

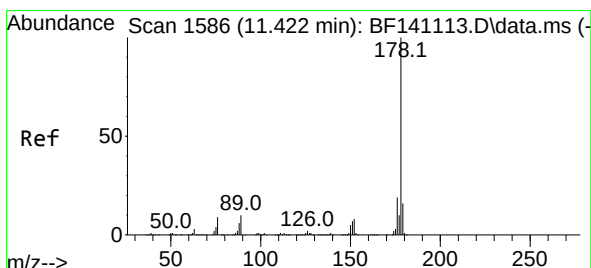
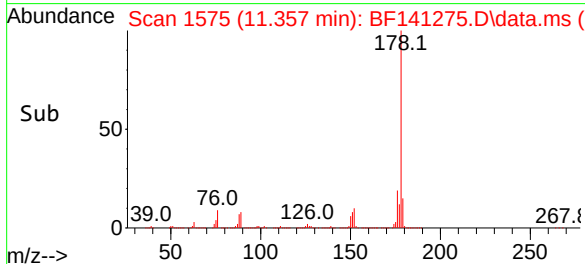
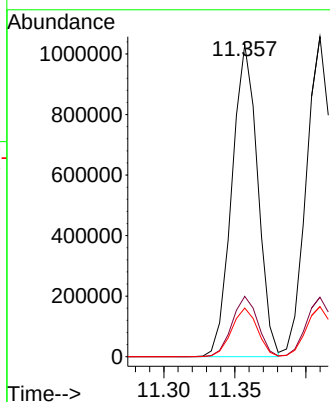
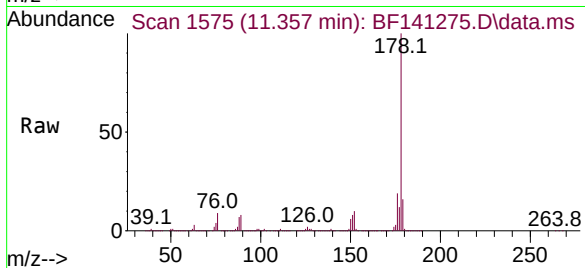
Tgt Ion:178 Resp: 1300321

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

179 15.6 12.6 19.0



#72

Anthracene

Concen: 58.831 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.012 min

Lab File: BF141275.D

Acq: 27 Jan 2025 16:24

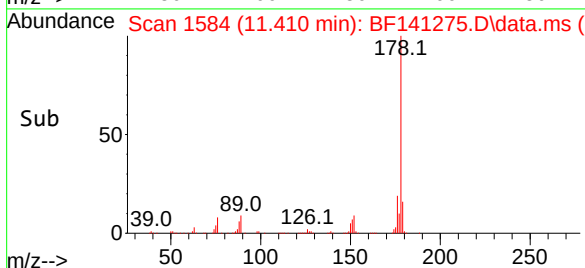
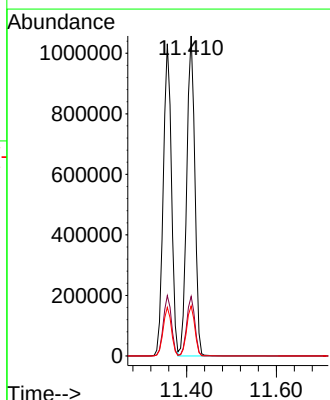
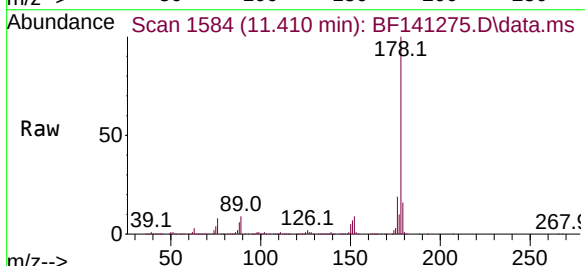
Tgt Ion:178 Resp: 1325941

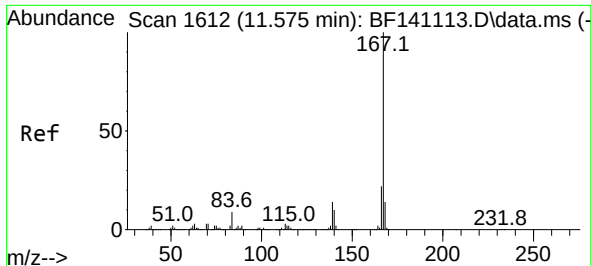
Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.6 12.6 19.0

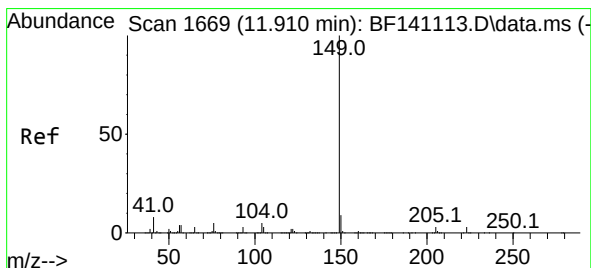
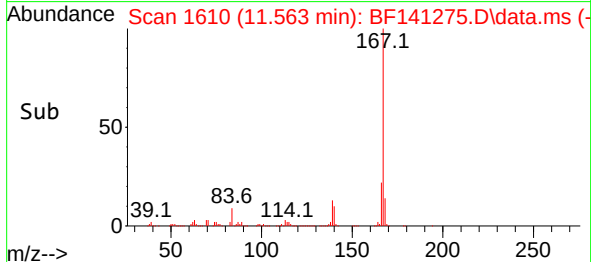
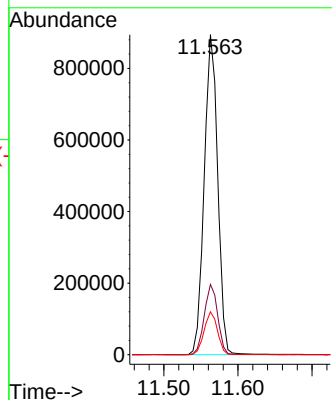
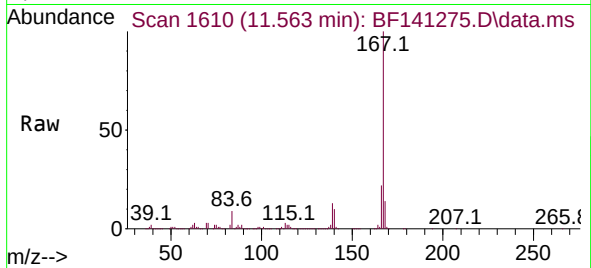




#73
 Carbazole
 Concen: 54.790 ng
 RT: 11.563 min Scan# 1610
 Delta R.T. -0.012 min
 Lab File: BF141275.D
 Acq: 27 Jan 2025 16:24

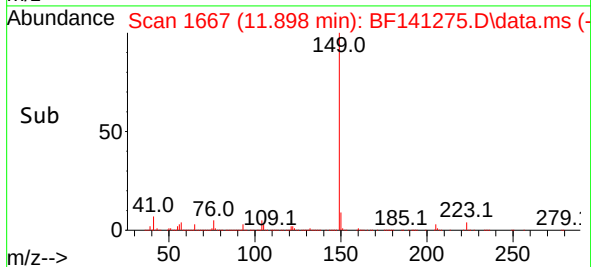
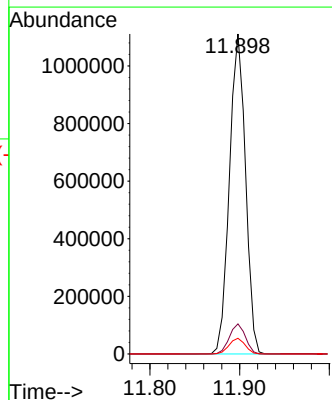
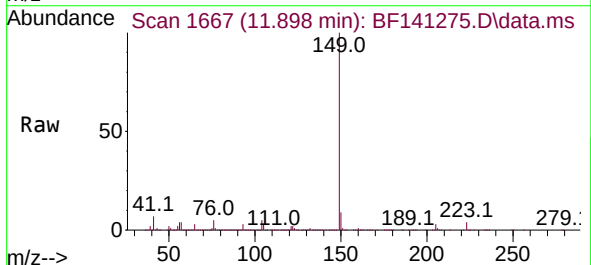
Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0006MSD

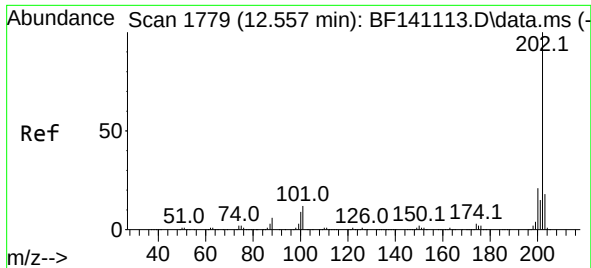
Tgt Ion:167 Resp: 1132277
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.4 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 58.383 ng
 RT: 11.898 min Scan# 1667
 Delta R.T. -0.012 min
 Lab File: BF141275.D
 Acq: 27 Jan 2025 16:24

Tgt Ion:149 Resp: 1380772
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.9 4.2 6.2

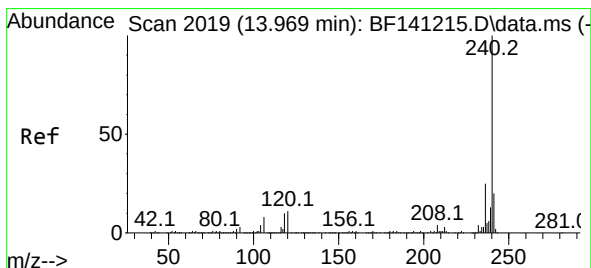
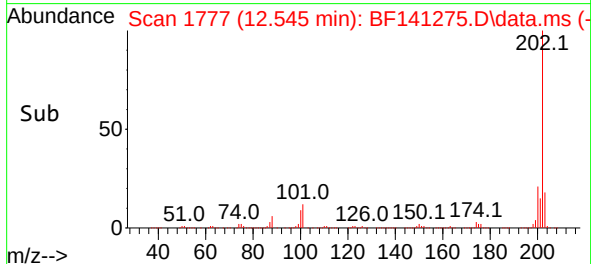
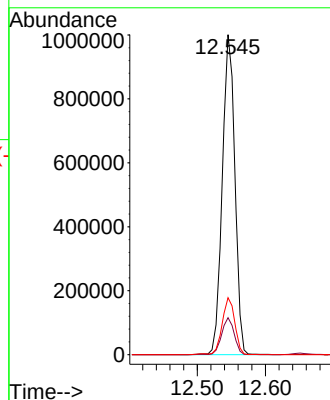
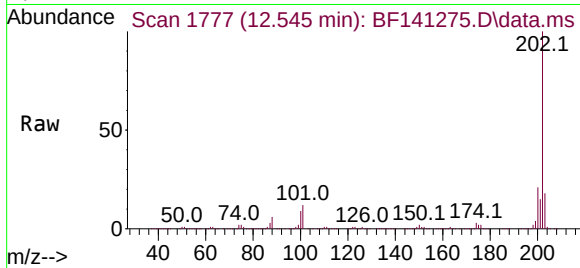




#75
Fluoranthene
Concen: 55.630 ng
RT: 12.545 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

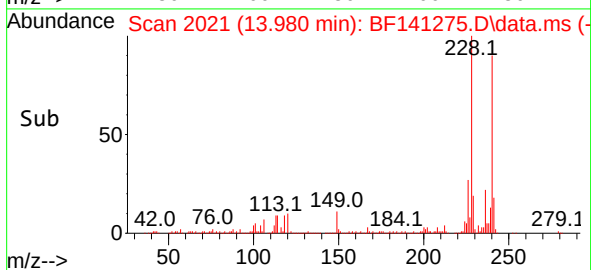
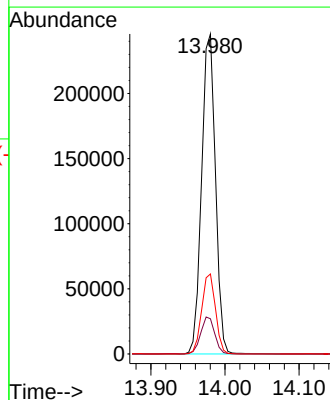
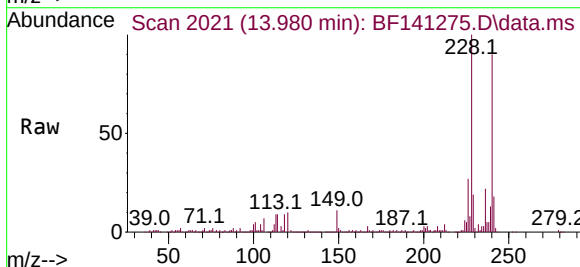
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

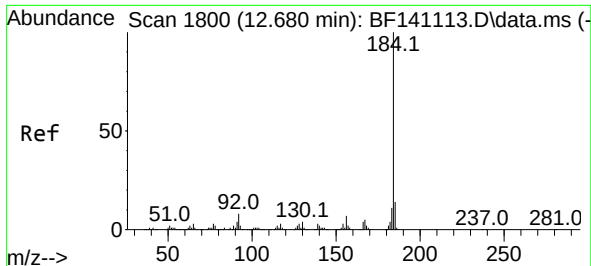
Tgt Ion:202 Resp: 1286746
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.3
203 17.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion:240 Resp: 318797
Ion Ratio Lower Upper
240 100
120 11.0 9.1 13.7
236 25.0 19.8 29.6

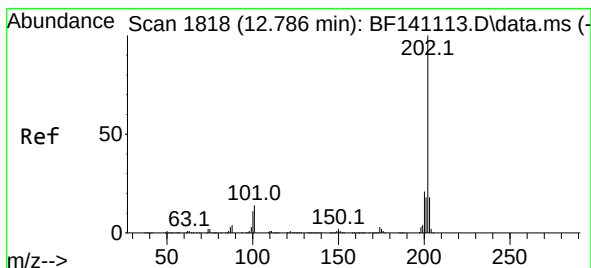
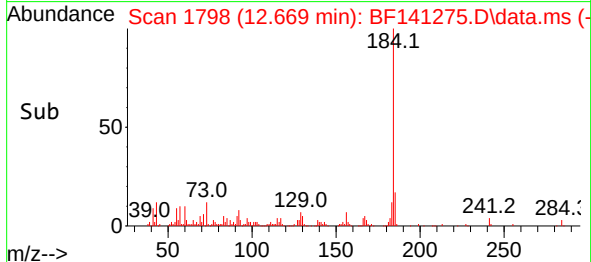
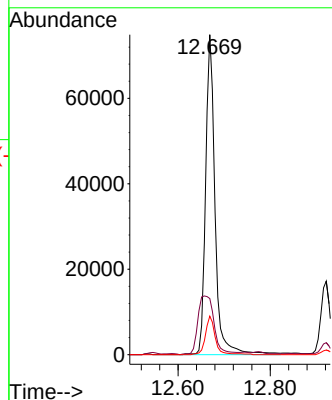
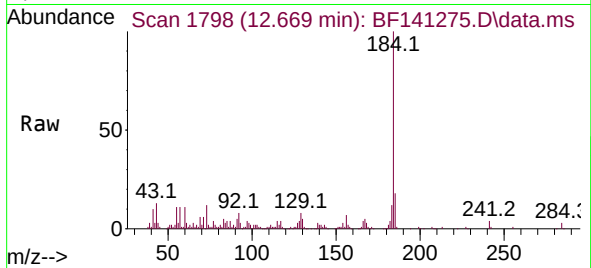




#77
Benzidine
Concen: 18.200 ng
RT: 12.669 min Scan# 1798
Delta R.T. -0.012 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

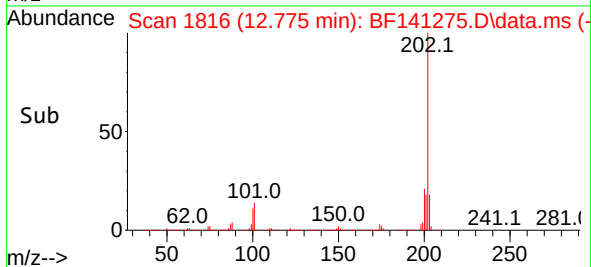
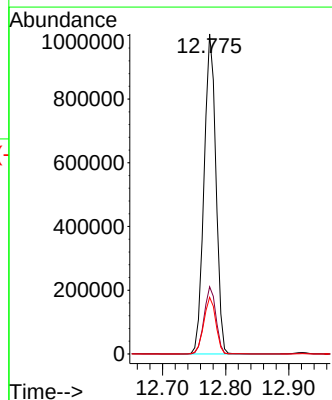
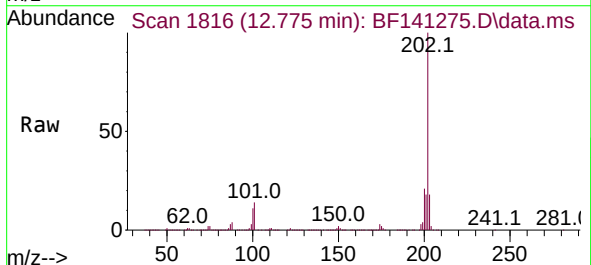
Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

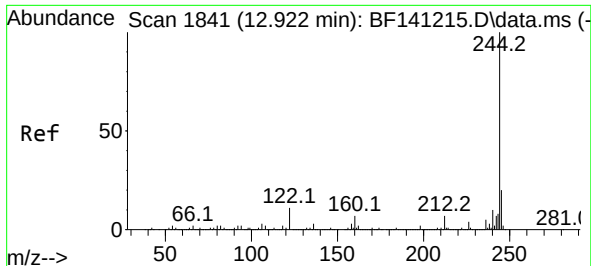
Tgt Ion:184 Resp: 107595
Ion Ratio Lower Upper
184 100
185 17.6 11.4 17.0#
183 12.0 9.2 13.8



#78
Pyrene
Concen: 42.841 ng
RT: 12.775 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion:202 Resp: 1304480
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.7 14.3 21.5

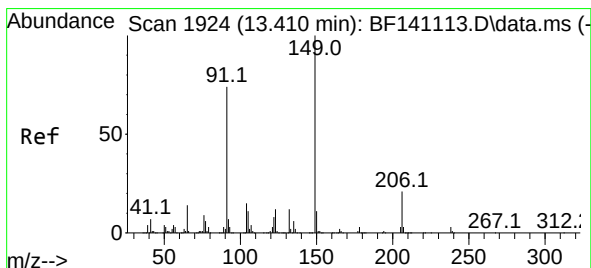
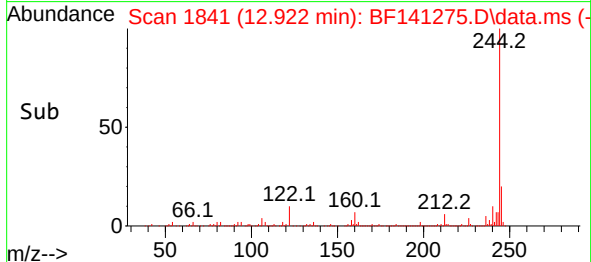
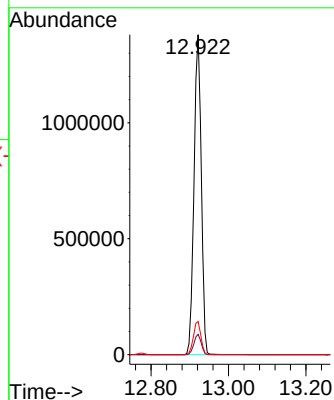
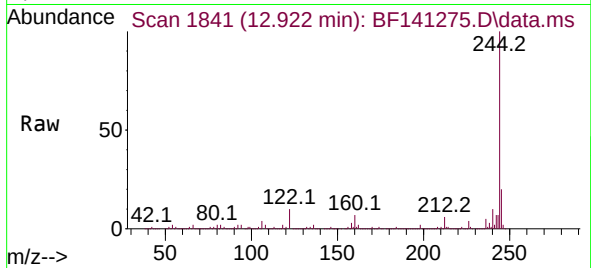




#79
 Terphenyl-d14
 Concen: 83.804 ng
 RT: 12.922 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141275.D
 Acq: 27 Jan 2025 16:24

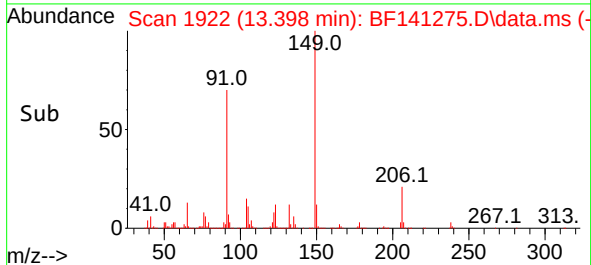
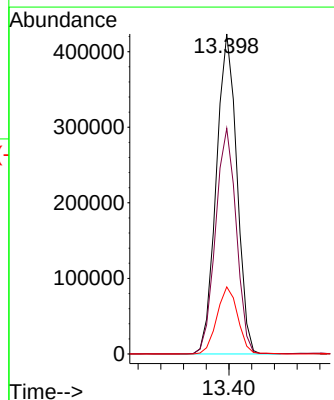
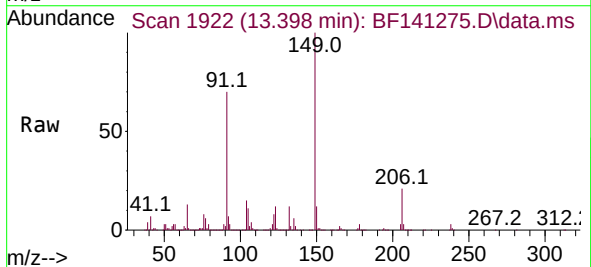
Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0006MSD

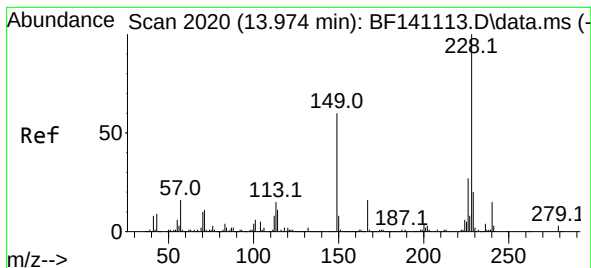
Tgt Ion:244 Resp: 1797515
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.2
 122 10.4 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 52.567 ng
 RT: 13.398 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF141275.D
 Acq: 27 Jan 2025 16:24

Tgt Ion:149 Resp: 533661
 Ion Ratio Lower Upper
 149 100
 91 70.5 59.0 88.6
 206 21.0 16.5 24.7





#81

Benzo(a)anthracene

Concen: 53.587 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141275.D

Acq: 27 Jan 2025 16:24

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MSD

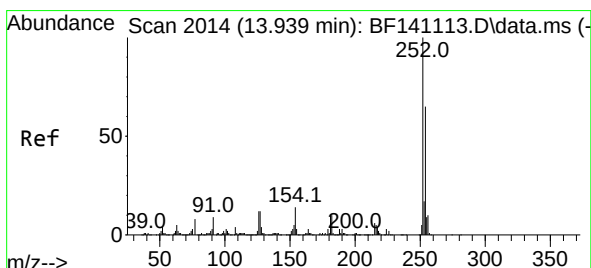
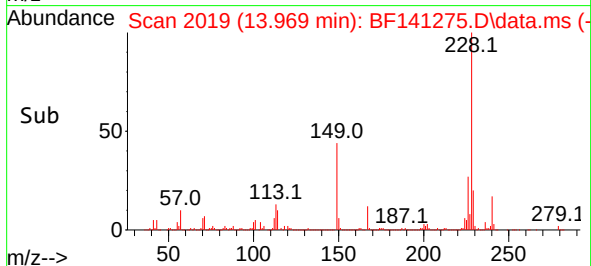
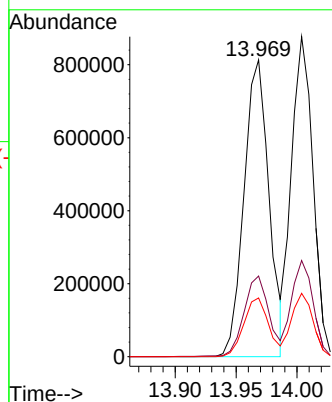
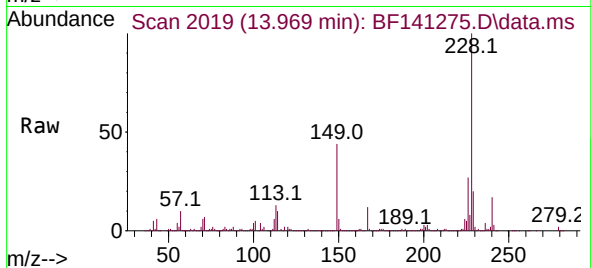
Tgt Ion:228 Resp: 1162618

Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 22.846 ng

RT: 13.927 min Scan# 2012

Delta R.T. -0.012 min

Lab File: BF141275.D

Acq: 27 Jan 2025 16:24

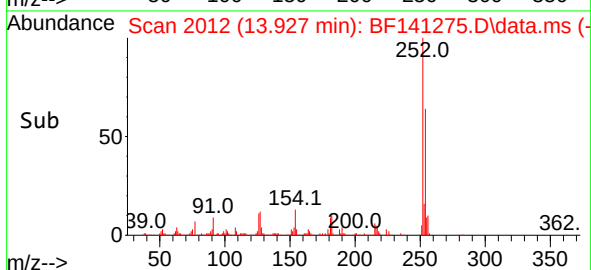
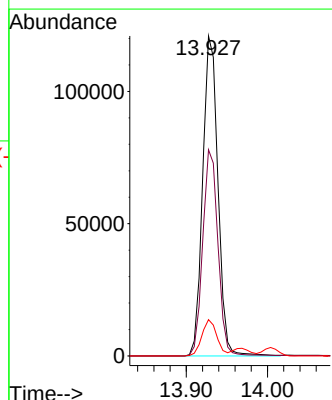
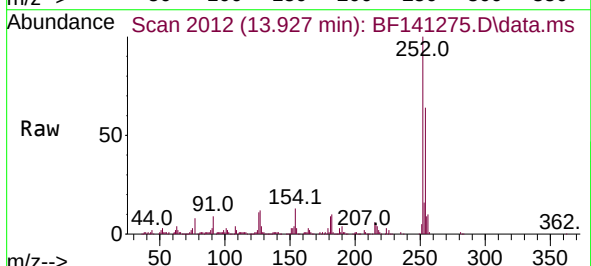
Tgt Ion:252 Resp: 157829

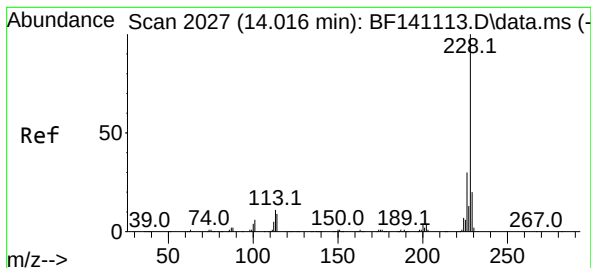
Ion Ratio Lower Upper

252 100

254 64.4 52.0 78.0

126 11.4 9.4 14.0





#83

Chrysene

Concen: 53.326 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141275.D

Acq: 27 Jan 2025 16:24

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MSD

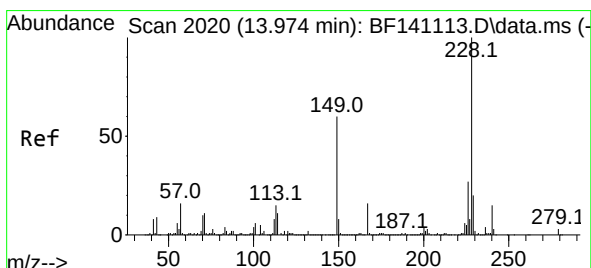
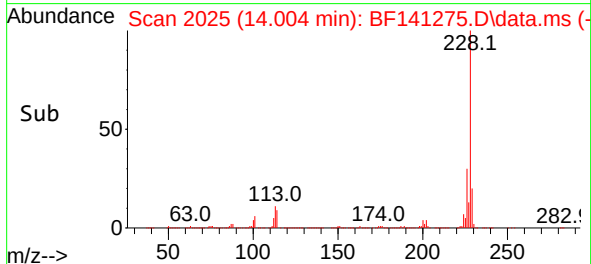
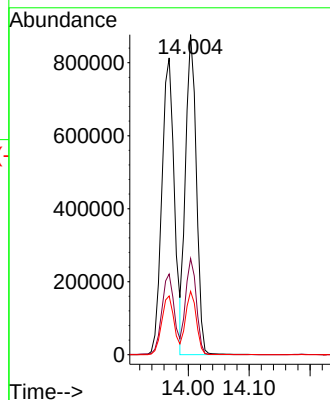
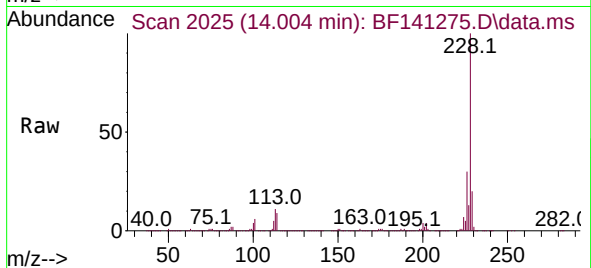
Tgt Ion:228 Resp: 1082568

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.8

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.409 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF141275.D

Acq: 27 Jan 2025 16:24

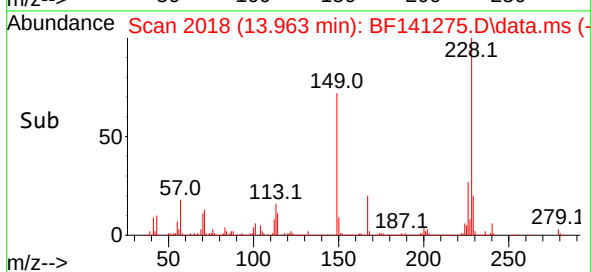
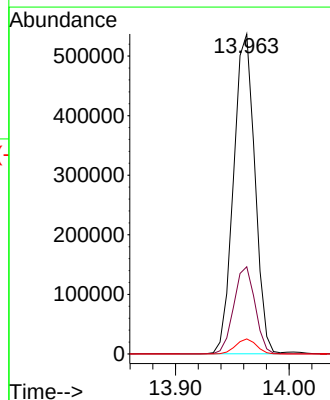
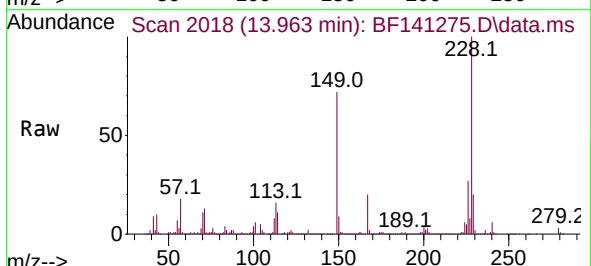
Tgt Ion:149 Resp: 699294

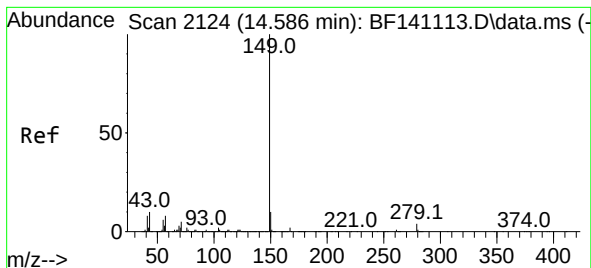
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.2

279 4.7 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 67.057 ng

RT: 14.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141275.D

Acq: 27 Jan 2025 16:24

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MSD

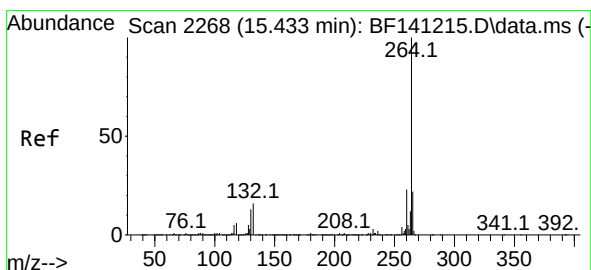
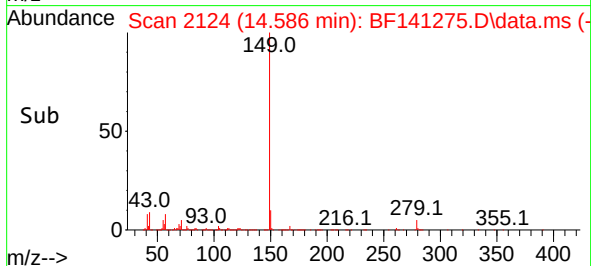
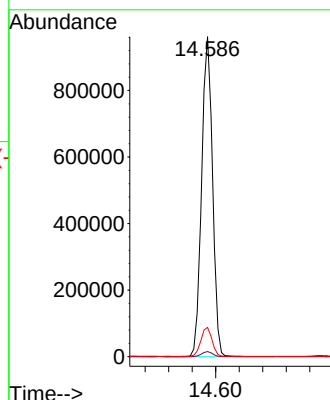
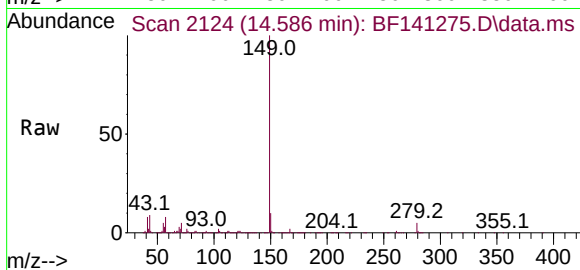
Tgt Ion:149 Resp: 1233442

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.2 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF141275.D

Acq: 27 Jan 2025 16:24

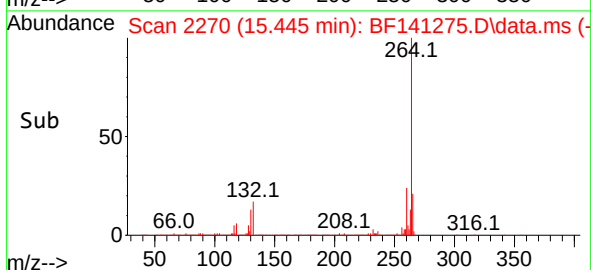
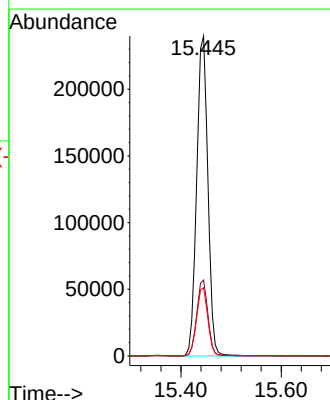
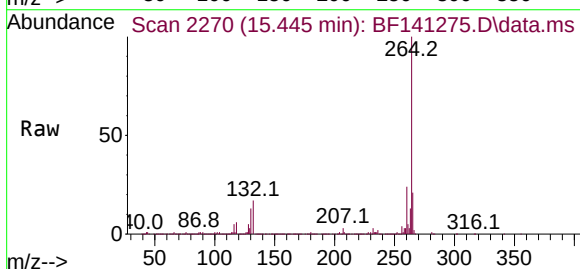
Tgt Ion:264 Resp: 371438

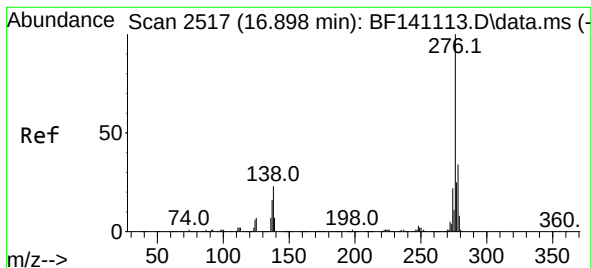
Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 21.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.783 ng

RT: 16.904 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF141275.D

Acq: 27 Jan 2025 16:24

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MSD

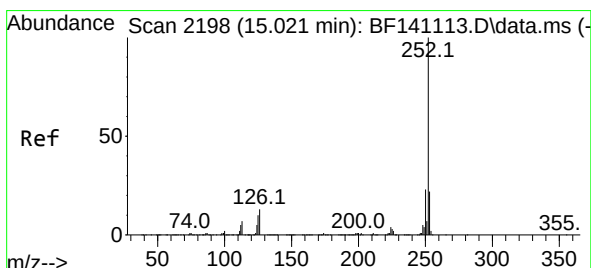
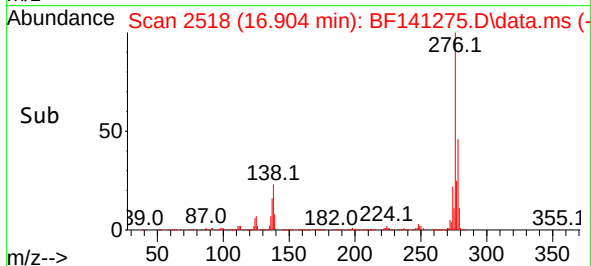
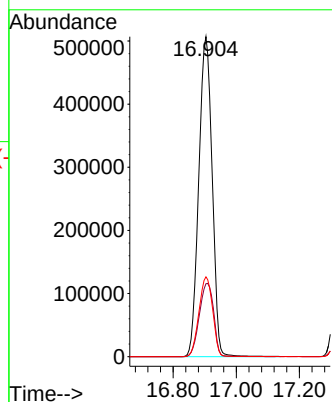
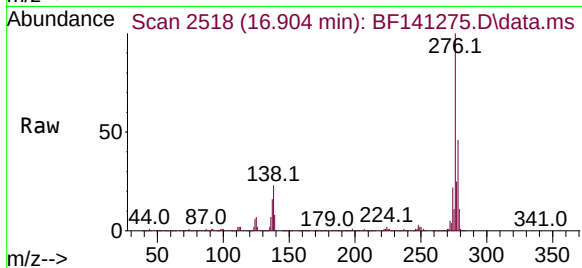
Tgt Ion:276 Resp: 1490797

Ion Ratio Lower Upper

276 100

138 24.6 20.7 31.1

277 25.5 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 57.261 ng

RT: 15.021 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF141275.D

Acq: 27 Jan 2025 16:24

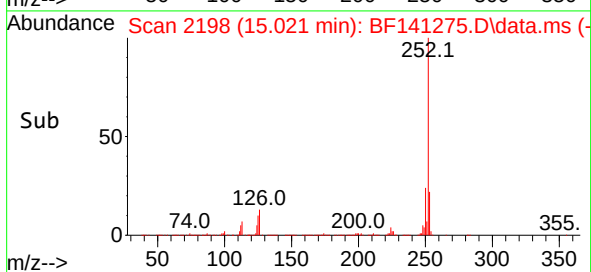
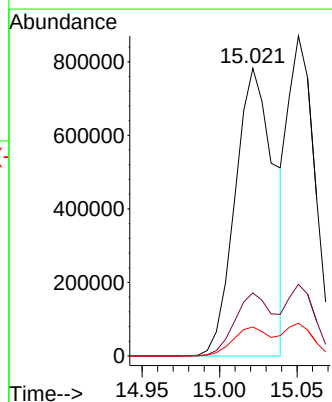
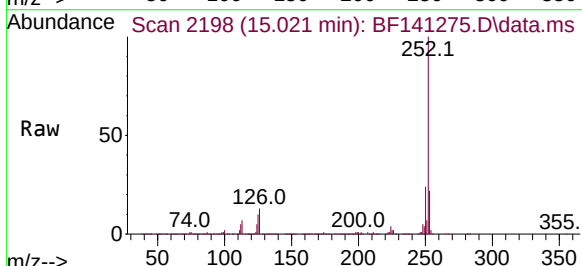
Tgt Ion:252 Resp: 1371480

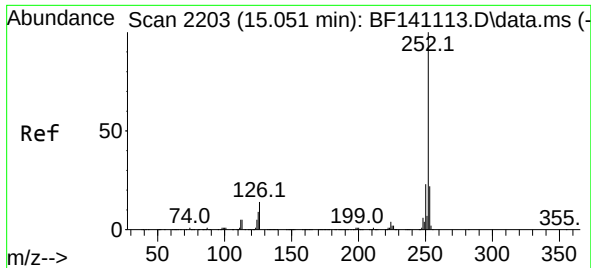
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.1 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 51.750 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141275.D

Acq: 27 Jan 2025 16:24

Instrument :

BNA_F

ClientSampleId :

ARS20-0006MSD

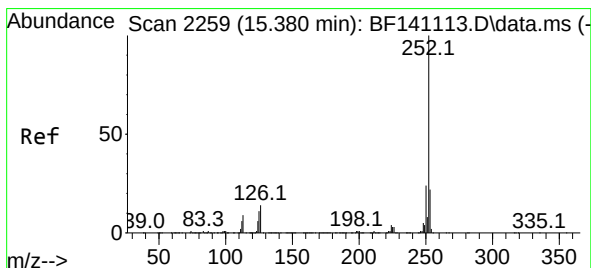
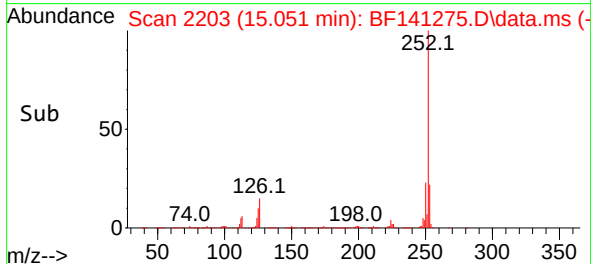
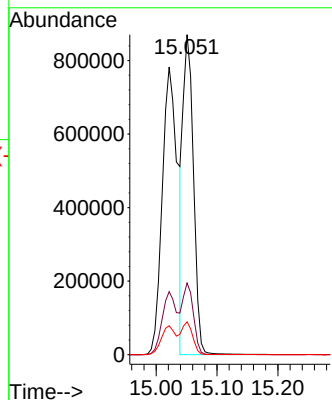
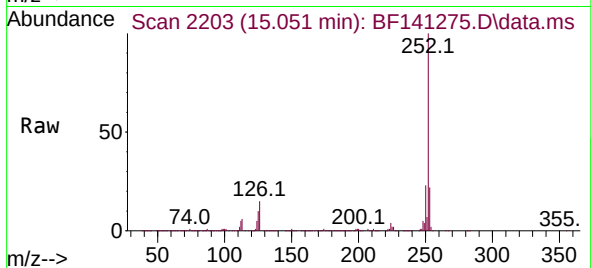
Tgt Ion:252 Resp: 1047480

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 10.3 7.9 11.9



#90

Benzo(a)pyrene

Concen: 59.189 ng

RT: 15.386 min Scan# 2260

Delta R.T. 0.006 min

Lab File: BF141275.D

Acq: 27 Jan 2025 16:24

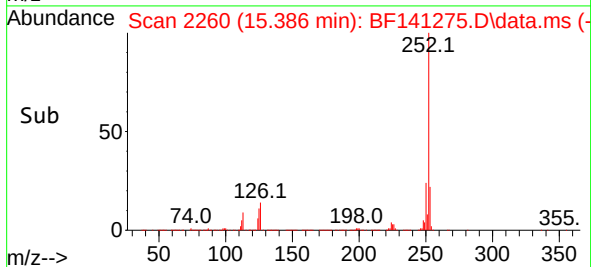
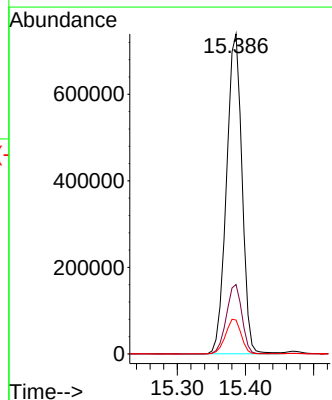
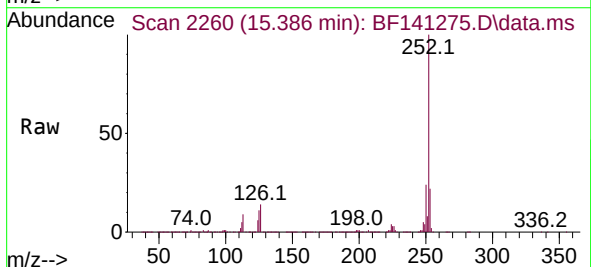
Tgt Ion:252 Resp: 1169650

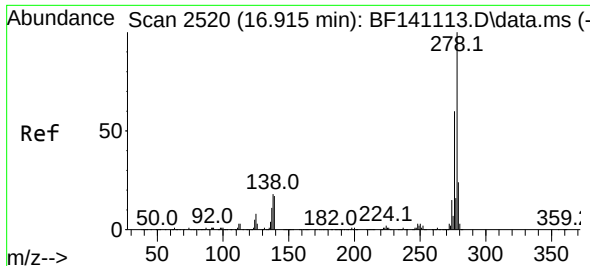
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 10.6 9.1 13.7



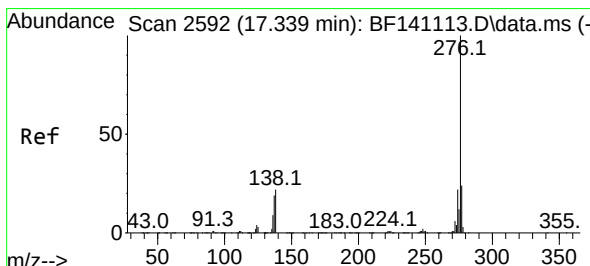
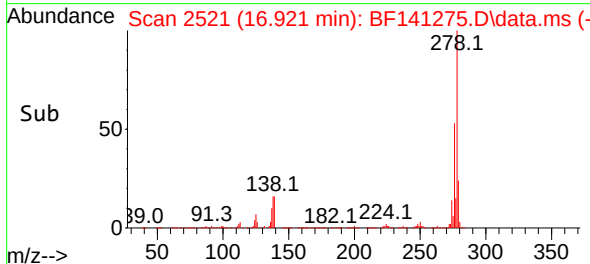
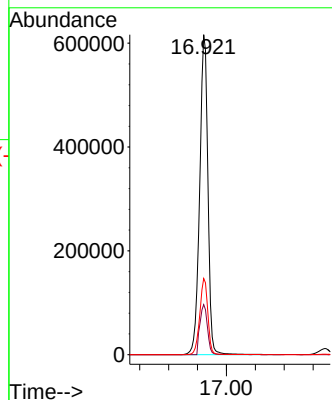
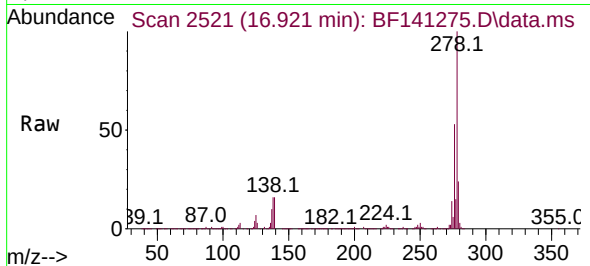


#91
Dibenzo(a,h)anthracene
Concen: 55.259 ng
RT: 16.921 min Scan# 2521
Delta R.T. 0.006 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Instrument :
BNA_F
ClientSampleId :
ARS20-0006MSD

Tgt Ion:278 Resp: 1216230

Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.8	20.6
279	23.8	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 49.471 ng
RT: 17.345 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BF141275.D
Acq: 27 Jan 2025 16:24

Tgt Ion:276 Resp: 1132553

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	21.0	17.4	26.2

