

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
 Data File : BF141188.D
 Acq On : 16 Jan 2025 16:32
 Operator : RC/JU
 Sample : Q1094-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11938MSD

Quant Time: Jan 16 16:51:58 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	6.816	152	154401	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	573685	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	270550	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	385674	20.000	ng	0.00
76) Chrysene-d12	13.992	240	285507	20.000	ng	0.00
86) Perylene-d12	15.457	264	257132	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1205973	120.659	ng	0.01
7) Phenol-d6	6.451	99	1500394	118.509	ng	0.00
23) Nitrobenzene-d5	7.381	82	978912	90.451	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	367275	119.139	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1688323	95.293	ng	0.00
79) Terphenyl-d14	12.927	244	1439030	74.914	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	201810	45.342	ng	99
3) Pyridine	3.381	79	493227	45.190	ng	98
4) n-Nitrosodimethylamine	3.328	42	271763	50.923	ng	98
6) Aniline	6.704	93	36405	3.239	ng	99
8) 2-Chlorophenol	6.604	128	561077	52.323	ng	97
9) Benzaldehyde	6.363	77	71159	9.543	ng	97
10) Phenol	6.469	94	660673	48.748	ng	99
11) bis(2-Chloroethyl)ether	6.551	93	712348	70.529	ng	90
12) 1,3-Dichlorobenzene	6.757	146	589571	49.296	ng	99
13) 1,4-Dichlorobenzene	6.834	146	598431	49.654	ng	100
14) 1,2-Dichlorobenzene	6.987	146	568791	50.595	ng	98
15) Benzyl Alcohol	6.957	79	494056	54.036	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.093	45	707102	50.170	ng	87
17) 2-Methylphenol	7.075	107	442218	51.080	ng	96
18) Hexachloroethane	7.328	117	213916	49.082	ng	98
19) n-Nitroso-di-n-propyla...	7.234	70	388231	52.056	ng	98
20) 3+4-Methylphenols	7.228	107	534230	48.913	ng	# 77
22) Acetophenone	7.228	105	739703	54.239	ng	# 95
24) Nitrobenzene	7.398	77	581211	51.529	ng	99
25) Isophorone	7.640	82	1018008	55.042	ng	99
26) 2-Nitrophenol	7.716	139	291301	56.775	ng	99
27) 2,4-Dimethylphenol	7.757	122	445725	64.405	ng	97
28) bis(2-Chloroethoxy)met...	7.851	93	627646	54.074	ng	100
29) 2,4-Dichlorophenol	7.963	162	441847	53.756	ng	99
30) 1,2,4-Trichlorobenzene	8.040	180	478024	50.880	ng	100
31) Naphthalene	8.122	128	1642590	54.294	ng	100
32) Benzoic acid	7.875	122	275073	41.434	ng	97
33) 4-Chloroaniline	8.198	127	218057	20.841	ng	99
34) Hexachlorobutadiene	8.240	225	302855	53.497	ng	98
35) Caprolactam	8.540	113	124240	46.169	ng	97
36) 4-Chloro-3-methylphenol	8.657	107	457665	50.912	ng	99
37) 2-Methylnaphthalene	8.816	142	1009789	52.378	ng	100
38) 1-Methylnaphthalene	8.910	142	928141	48.850	ng	100
40) 1,2,4,5-Tetrachloroben...	8.981	216	454994	58.593	ng	99
41) Hexachlorocyclopentadiene	8.963	237	303234	119.358	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	295300	56.385	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
 Data File : BF141188.D
 Acq On : 16 Jan 2025 16:32
 Operator : RC/JU
 Sample : Q1094-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

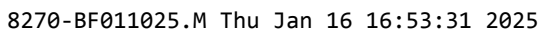
Instrument :
 BNA_F
 ClientSampleId :
 72-11938MSD

Quant Time: Jan 16 16:51:58 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)
44) 2,4,5-Trichlorophenol	9.134	196	296143	53.541	ng	99
46) 1,1'-Biphenyl	9.281	154	1205990	57.398	ng	99
47) 2-Chloronaphthalene	9.304	162	875281	53.485	ng	100
48) 2-Nitroaniline	9.398	65	272762	56.227	ng	99
49) Acenaphthylene	9.716	152	1321098	56.504	ng	100
50) Dimethylphthalate	9.581	163	1062933	58.522	ng	100
51) 2,6-Dinitrotoluene	9.639	165	223808	52.988	ng	96
52) Acenaphthene	9.892	154	901041	55.161	ng	100
53) 3-Nitroaniline	9.810	138	154198	35.925	ng	99
54) 2,4-Dinitrophenol	9.910	184	87241	43.455	ng	# 73
55) Dibenzofuran	10.063	168	1198302	53.933	ng	99
56) 4-Nitrophenol	9.969	139	328530	97.732	ng	96
57) 2,4-Dinitrotoluene	10.045	165	285665	52.480	ng	98
58) Fluorene	10.404	166	903334	52.332	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	229860	49.996	ng	99
60) Diethylphthalate	10.281	149	995742	56.156	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	444880	52.880	ng	99
62) 4-Nitroaniline	10.416	138	168868	40.197	ng	98
63) Azobenzene	10.557	77	977473	55.867	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	67906	30.385	ng	98
66) n-Nitrosodiphenylamine	10.516	169	775825	62.367	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	273760	61.654	ng	100
68) Hexachlorobenzene	10.951	284	288739	58.416	ng	99
69) Atrazine	11.045	200	228846	68.323	ng	100
70) Pentachlorophenol	11.145	266	323447	102.182	ng	99
71) Phenanthrene	11.369	178	1389020	67.084	ng	99
72) Anthracene	11.422	178	1229156	61.052	ng	99
73) Carbazole	11.575	167	1006307	54.511	ng	100
74) Di-n-butylphthalate	11.910	149	1487904	70.427	ng	100
75) Fluoranthene	12.557	202	1498157	72.507	ng	99
77) Benzidine	12.680	184	231499	43.724	ng	98
78) Pyrene	12.786	202	1468394	53.847	ng	100
80) Butylbenzylphthalate	13.410	149	505282	55.575	ng	98
81) Benzo(a)anthracene	13.980	228	1211337	62.342	ng	98
82) 3,3'-Dichlorobenzidine	13.939	252	271371	43.861	ng	99
83) Chrysene	14.016	228	1093101	60.124	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	714160	65.466	ng	99
85) Di-n-octyl phthalate	14.598	149	1195678	72.583	ng	100
87) Indeno(1,2,3-cd)pyrene	16.915	276	910391	48.327	ng	97
88) Benzo(b)fluoranthene	15.033	252	1198638	72.291	ng	99
89) Benzo(k)fluoranthene	15.063	252	830902	59.299	ng	99
90) Benzo(a)pyrene	15.398	252	908618	66.420	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	722623	47.427	ng	99
92) Benzo(g,h,i)perylene	17.357	276	677133	42.726	ng	98

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

Quant Time: Jan 16 16:51:58 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

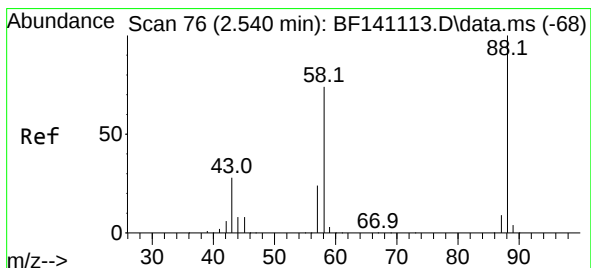
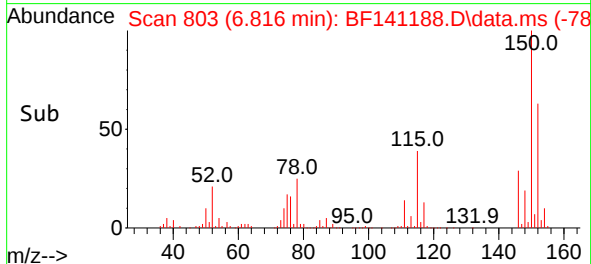
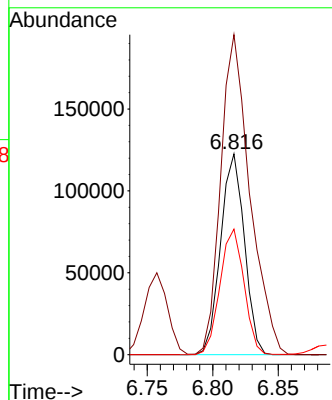
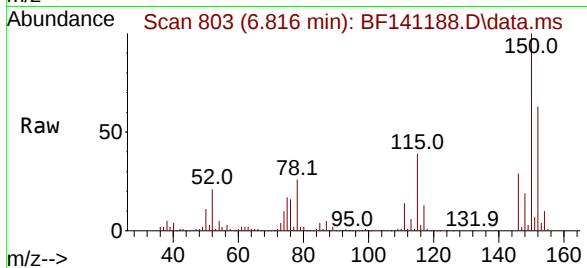




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF141188.D
 Acq: 16 Jan 2025 16:32

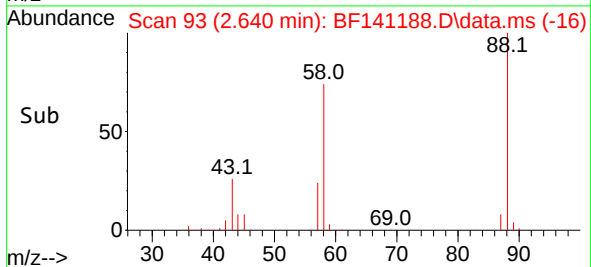
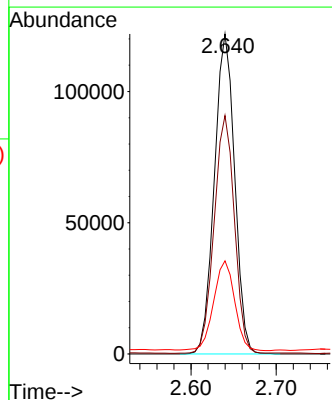
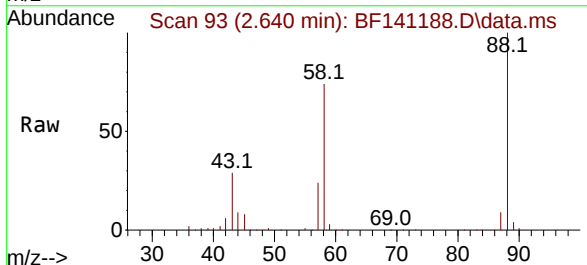
Instrument :
 BNA_F
 ClientSampleId :
 72-11938MSD

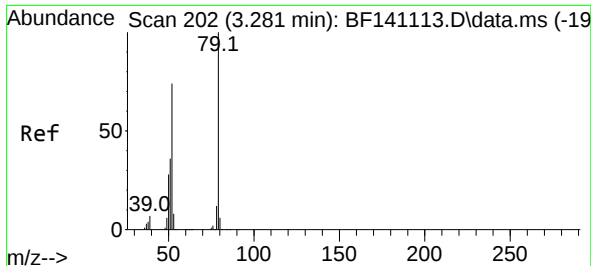
Tgt Ion:152 Resp: 154401
 Ion Ratio Lower Upper
 152 100
 150 159.3 125.8 188.8
 115 62.5 51.4 77.2



#2
 1,4-Dioxane
 Concen: 45.342 ng
 RT: 2.640 min Scan# 93
 Delta R.T. 0.100 min
 Lab File: BF141188.D
 Acq: 16 Jan 2025 16:32

Tgt Ion: 88 Resp: 201810
 Ion Ratio Lower Upper
 88 100
 58 74.2 60.1 90.1
 43 29.1 23.1 34.7

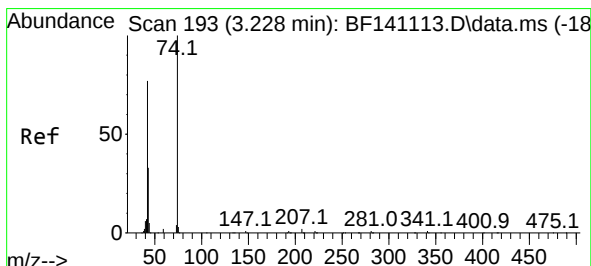
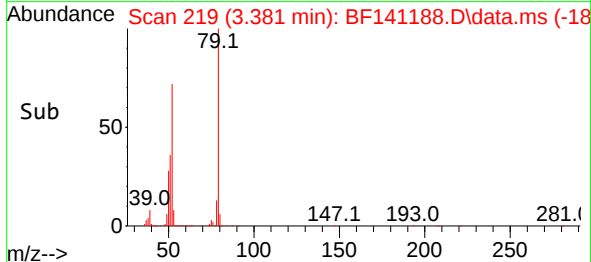
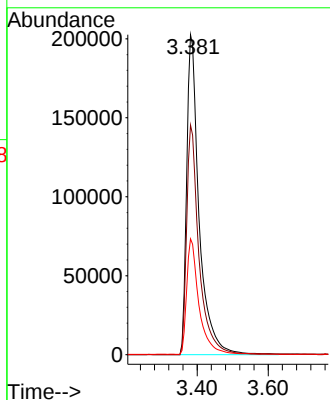
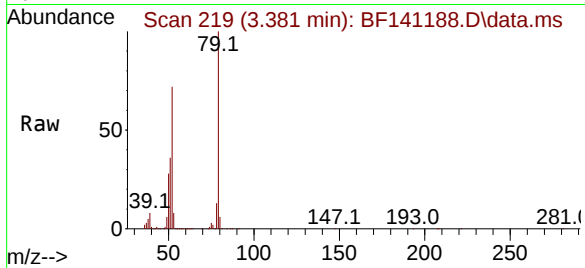




#3
Pyridine
Concen: 45.190 ng
RT: 3.381 min Scan# 210
Delta R.T. 0.100 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

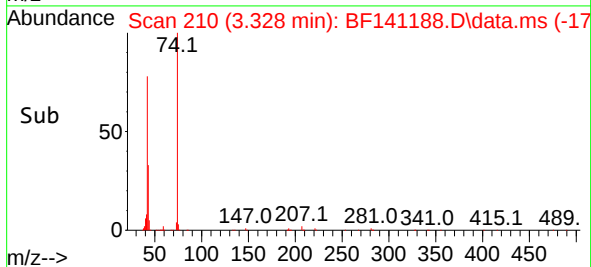
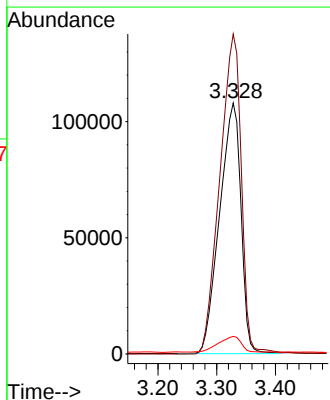
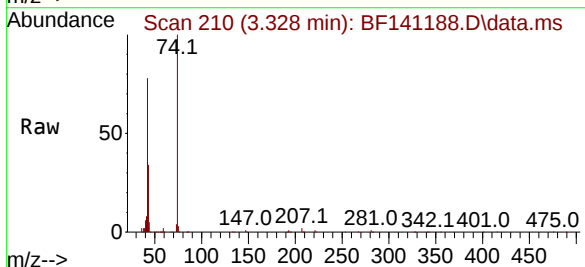
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Tgt Ion: 79 Resp: 493227
Ion Ratio Lower Upper
79 100
52 71.8 58.9 88.3
51 36.2 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 50.923 ng
RT: 3.328 min Scan# 210
Delta R.T. 0.100 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion: 42 Resp: 271763
Ion Ratio Lower Upper
42 100
74 127.5 103.8 155.6
44 7.0 5.3 7.9

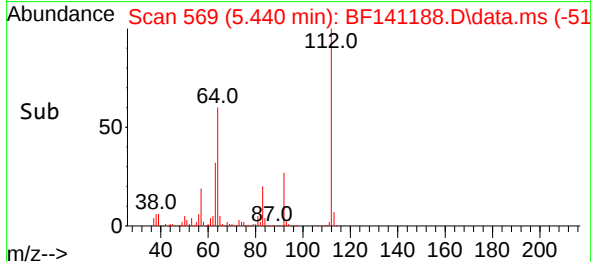
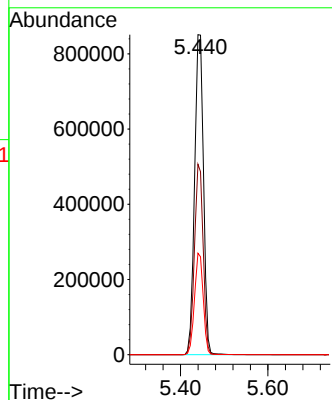
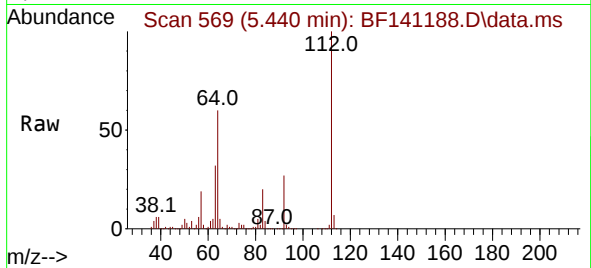




#5
2-Fluorophenol
Concen: 120.659 ng
RT: 5.440 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

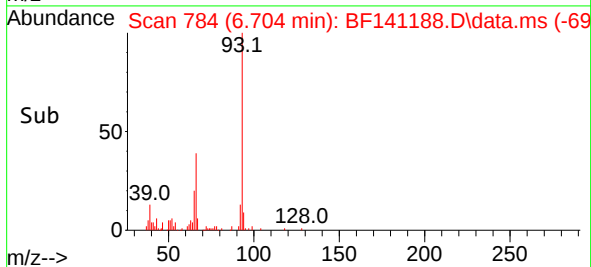
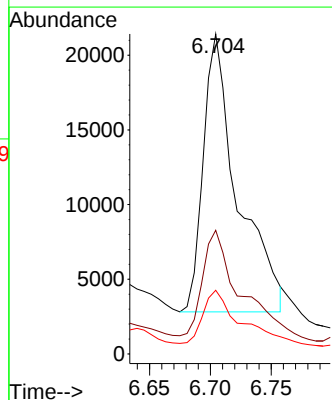
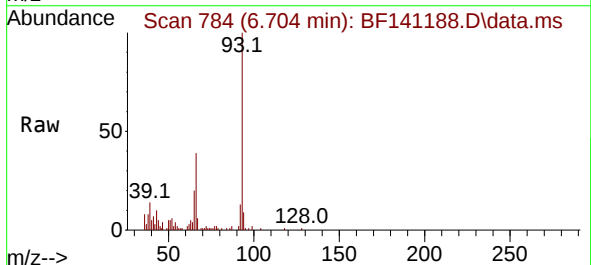
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Tgt Ion:112 Resp: 1205973
Ion Ratio Lower Upper
112 100
64 59.5 47.3 70.9
63 31.7 24.2 36.2



#6
Aniline
Concen: 3.239 ng
RT: 6.704 min Scan# 784
Delta R.T. 0.218 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion: 93 Resp: 36405
Ion Ratio Lower Upper
93 100
66 38.7 31.5 47.3
65 19.9 15.3 22.9





#7

Phenol-d6

Concen: 118.509 ng

RT: 6.451 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

Instrument :

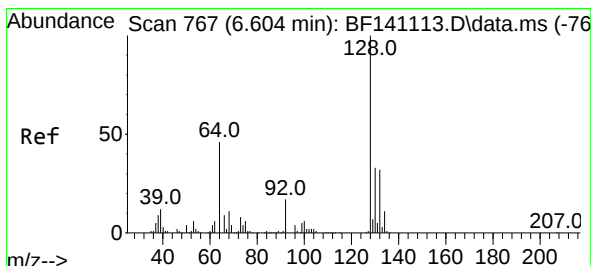
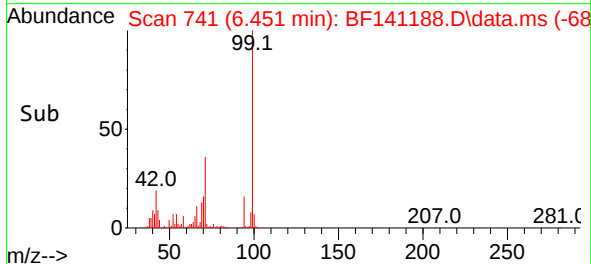
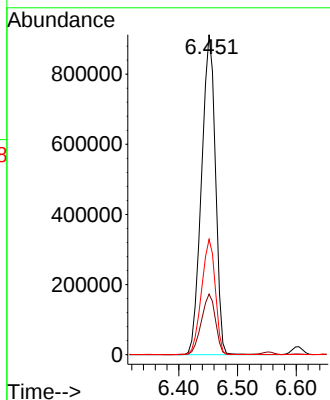
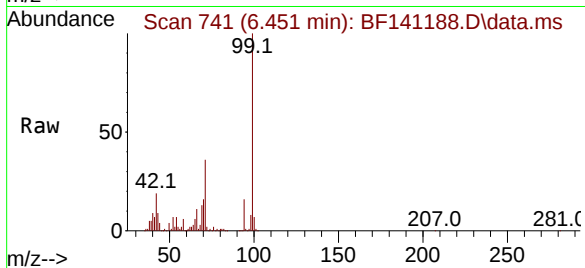
BNA_F

ClientSampleId :

72-11938MSD

Tgt Ion: 99 Resp: 1500394

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.0	22.4
71	36.1	27.6	41.4



#8

2-Chlorophenol

Concen: 52.323 ng

RT: 6.604 min Scan# 767

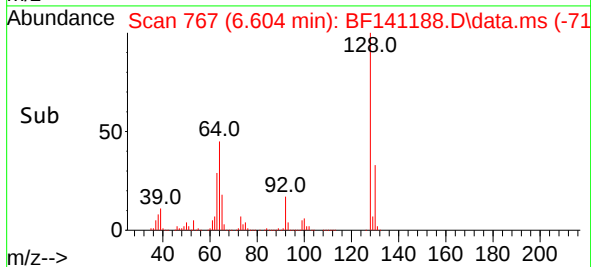
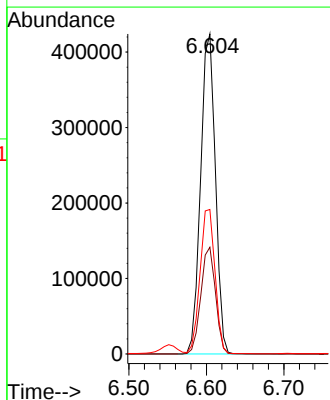
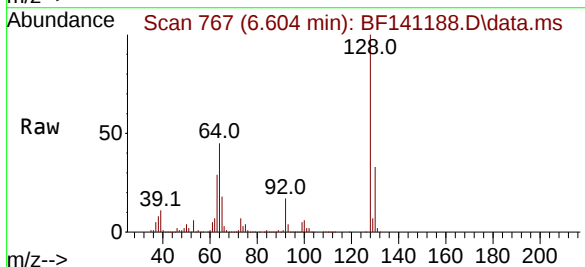
Delta R.T. 0.000 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

Tgt Ion:128 Resp: 561077

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.5	52.5
64	45.2	28.3	68.3





#9

Benzaldehyde

Concen: 9.543 ng

RT: 6.363 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141188.D

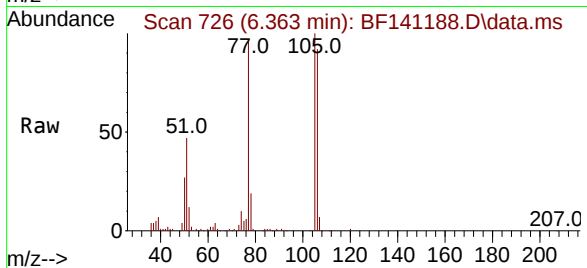
Acq: 16 Jan 2025 16:32

Instrument :

BNA_F

ClientSampleId :

72-11938MSD



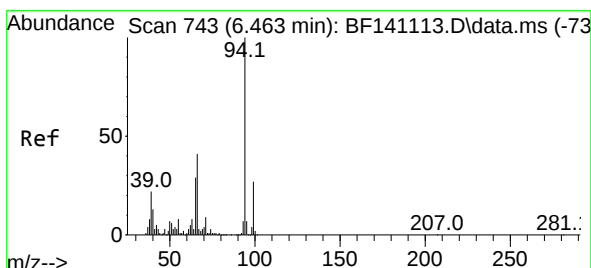
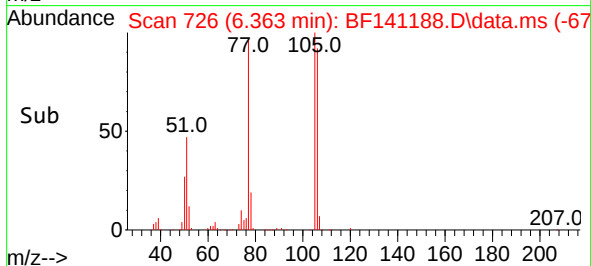
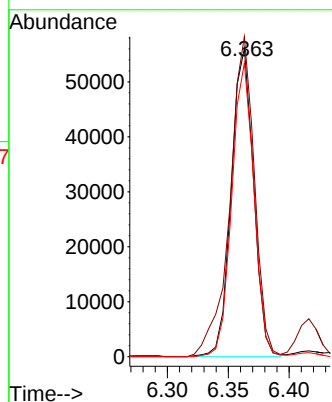
Tgt Ion: 77 Resp: 71159

Ion Ratio Lower Upper

77 100

105 103.8 78.9 118.9

106 95.2 73.6 113.6



#10

Phenol

Concen: 48.748 ng

RT: 6.469 min Scan# 744

Delta R.T. 0.006 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

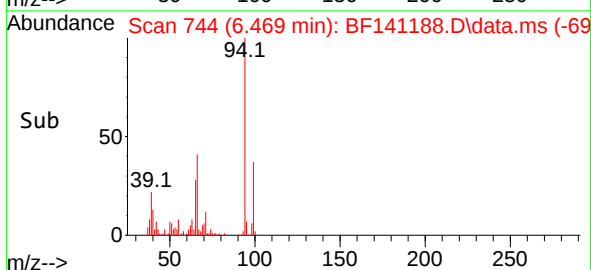
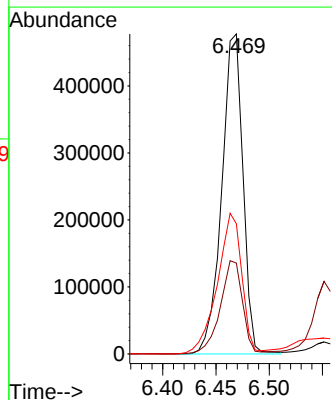
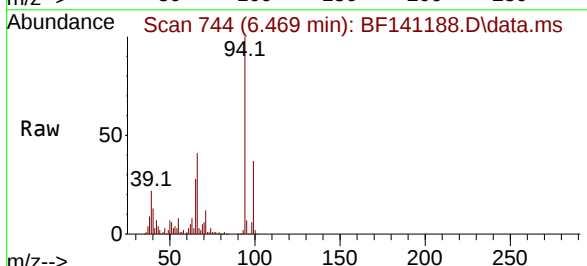
Tgt Ion: 94 Resp: 660673

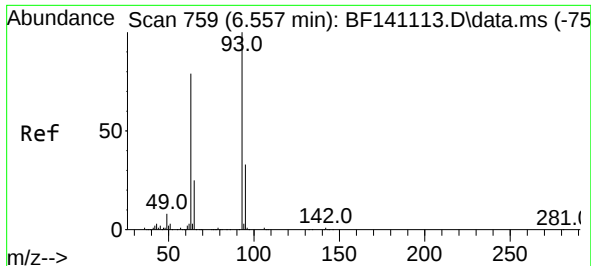
Ion Ratio Lower Upper

94 100

65 28.4 8.9 48.9

66 40.7 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 70.529 ng

RT: 6.551 min Scan# 712

Delta R.T. -0.006 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

Instrument :

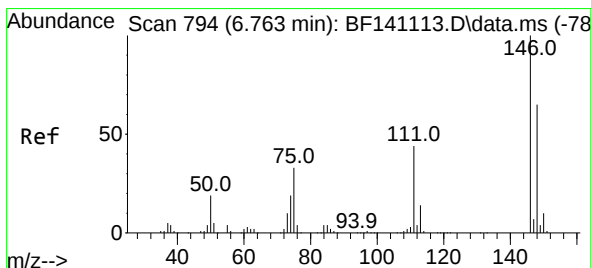
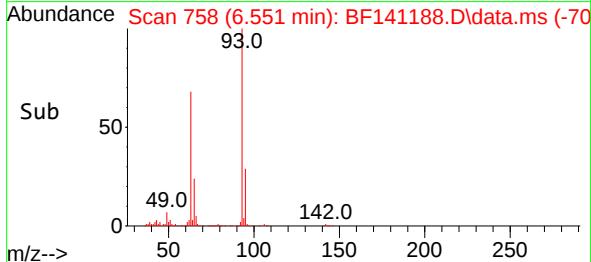
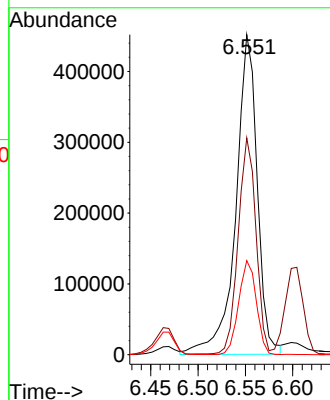
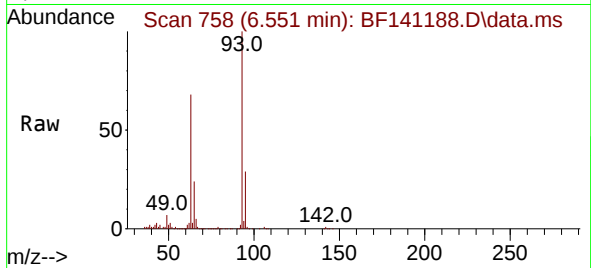
BNA_F

ClientSampleId :

72-11938MSD

Tgt Ion: 93 Resp: 712348

Ion	Ratio	Lower	Upper
93	100		
63	67.8	58.0	98.0
95	29.4	12.5	52.5



#12

1,3-Dichlorobenzene

Concen: 49.296 ng

RT: 6.757 min Scan# 793

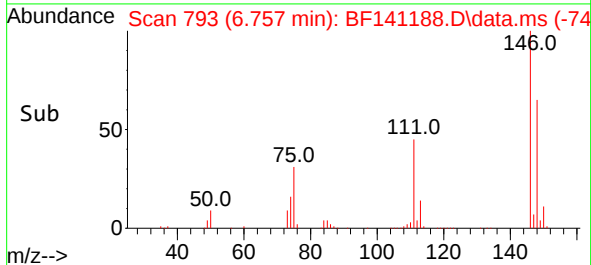
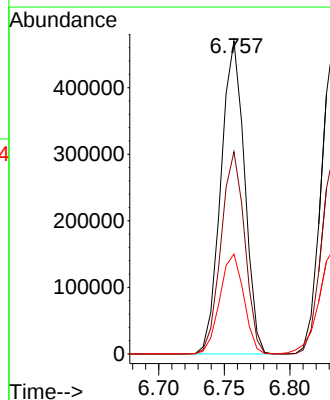
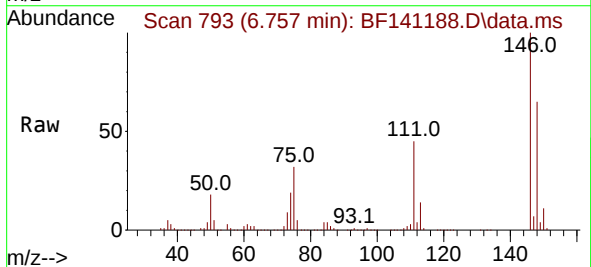
Delta R.T. -0.006 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

Tgt Ion:146 Resp: 589571

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
75	31.9	26.2	39.2

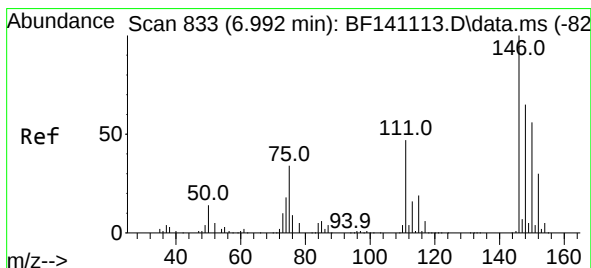
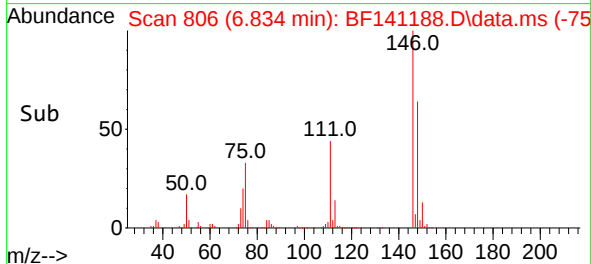
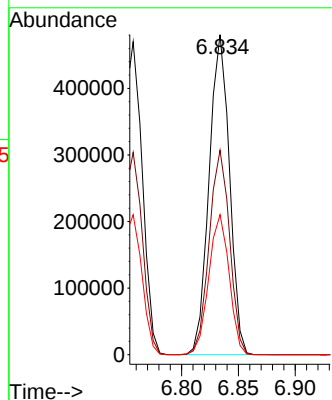
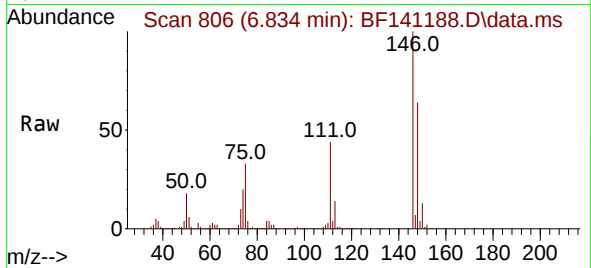




#13
1,4-Dichlorobenzene
Concen: 49.654 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

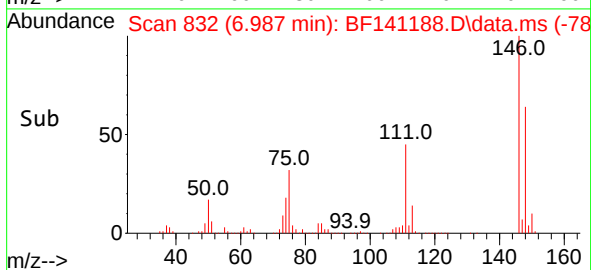
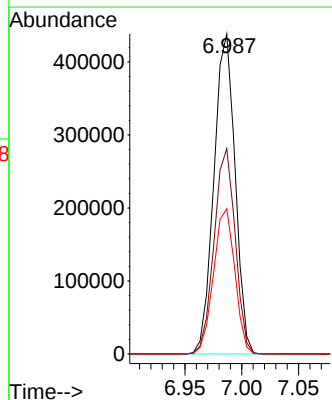
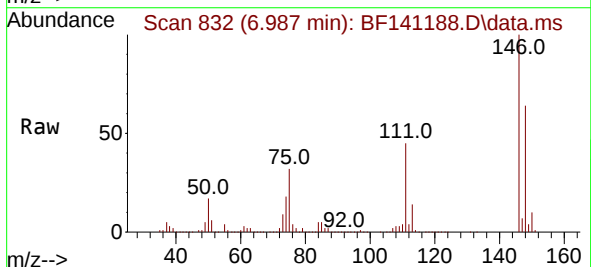
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Tgt Ion:146 Resp: 598431
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 43.7 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 50.595 ng
RT: 6.987 min Scan# 832
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion:146 Resp: 568791
Ion Ratio Lower Upper
146 100
148 64.2 52.2 78.4
111 45.4 37.5 56.3

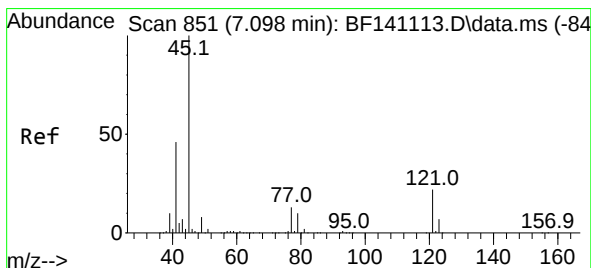
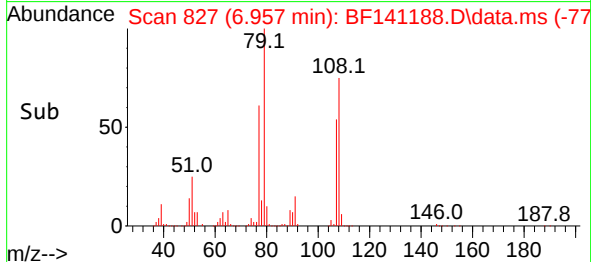
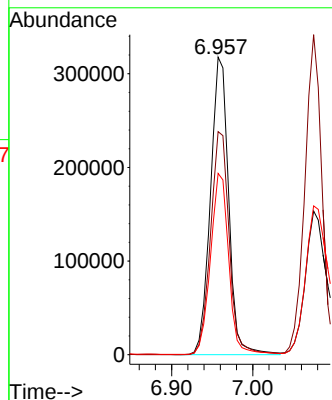
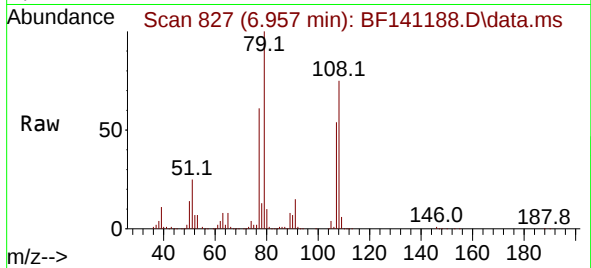




#15
Benzyl Alcohol
Concen: 54.036 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

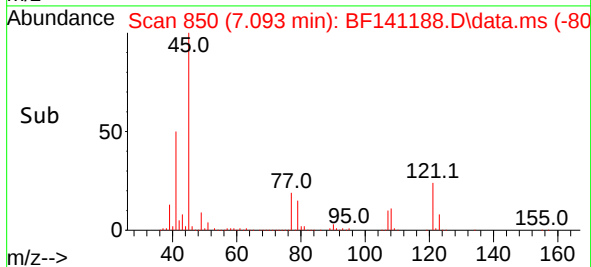
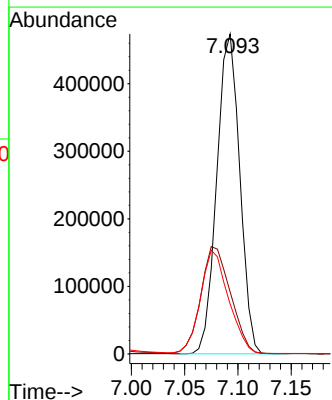
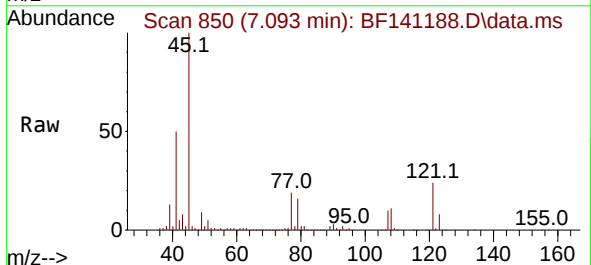
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

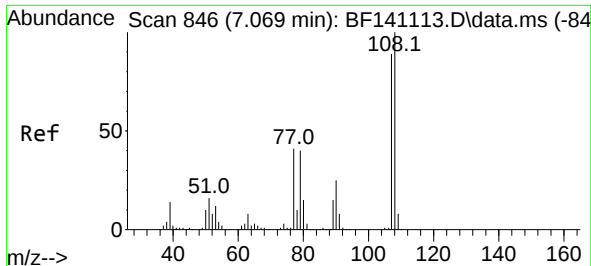
Tgt Ion: 79 Resp: 494056
Ion Ratio Lower Upper
79 100
108 75.0 61.4 92.0
77 60.9 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.170 ng
RT: 7.093 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion: 45 Resp: 707102
Ion Ratio Lower Upper
45 100
77 19.4 0.0 34.1
79 15.6 0.0 31.0

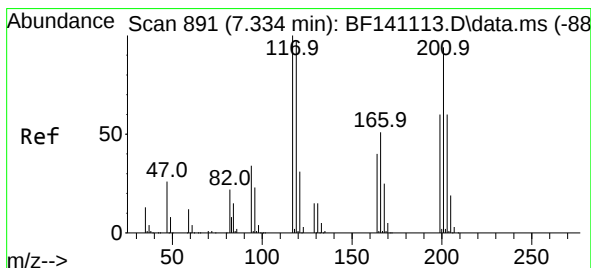
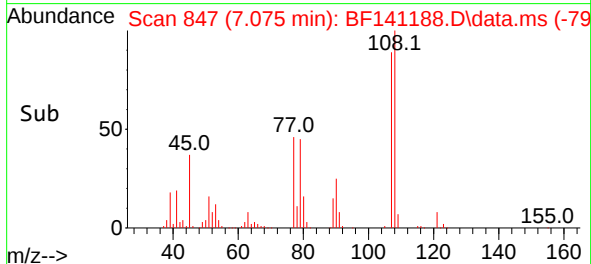
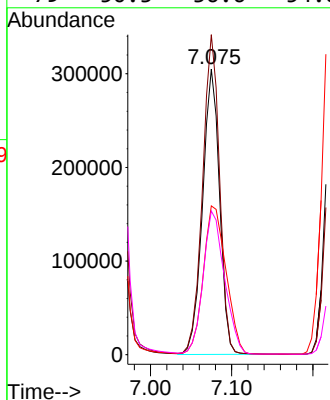
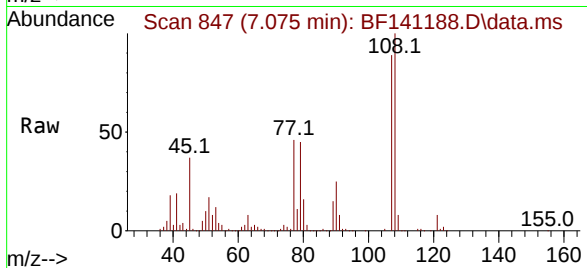




#17
2-Methylphenol
Concen: 51.080 ng
RT: 7.075 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

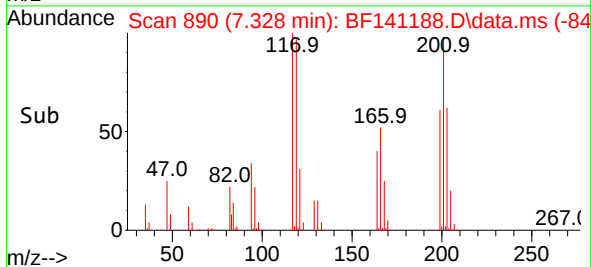
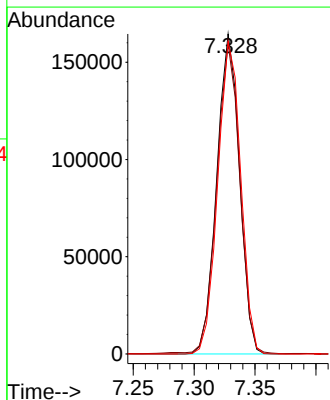
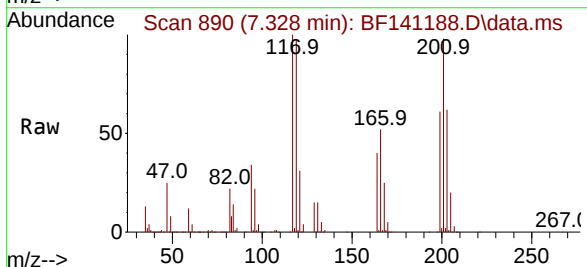
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Tgt Ion:107 Resp: 442218
Ion Ratio Lower Upper
107 100
108 112.1 90.1 135.1
77 52.1 36.6 55.0
79 50.3 36.6 54.8



#18
Hexachloroethane
Concen: 49.082 ng
RT: 7.328 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion:117 Resp: 213916
Ion Ratio Lower Upper
117 100
119 96.9 77.6 116.4
201 97.7 75.1 112.7



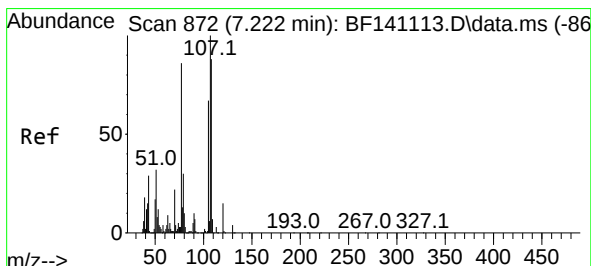
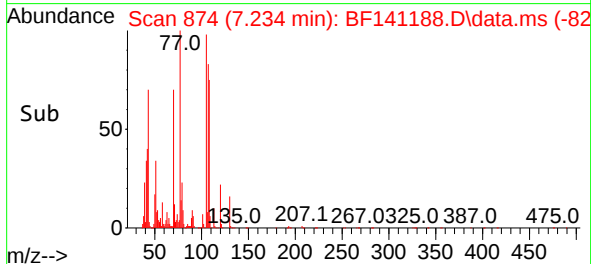
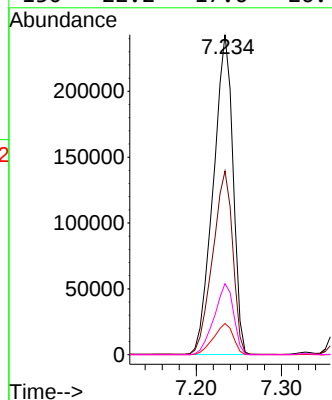
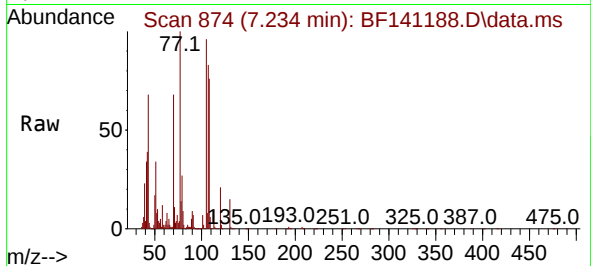


#19
n-Nitroso-di-n-propylamine
Concen: 52.056 ng
RT: 7.234 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Tgt Ion: 70 Resp: 388231

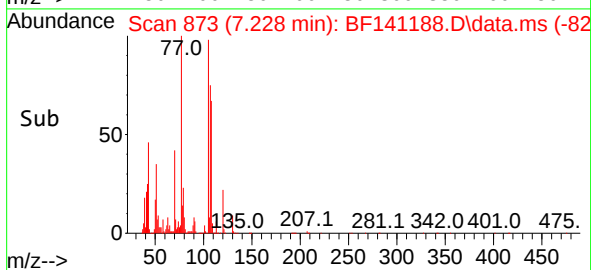
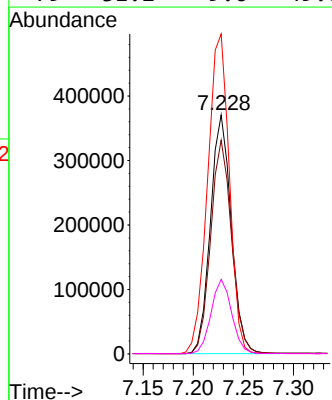
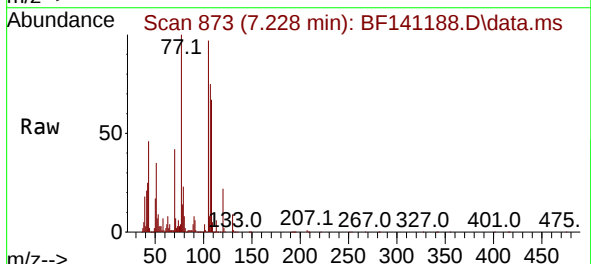
Ion	Ratio	Lower	Upper
70	100		
42	57.4	47.8	71.6
101	9.8	7.9	11.9
130	22.2	17.6	26.4

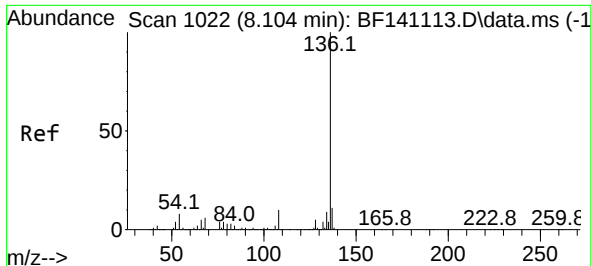


#20
3+4-Methylphenols
Concen: 48.913 ng
RT: 7.228 min Scan# 873
Delta R.T. 0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion: 107 Resp: 534230

Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.3	108.3
77	133.9	66.4	106.4#
79	31.2	9.6	49.6



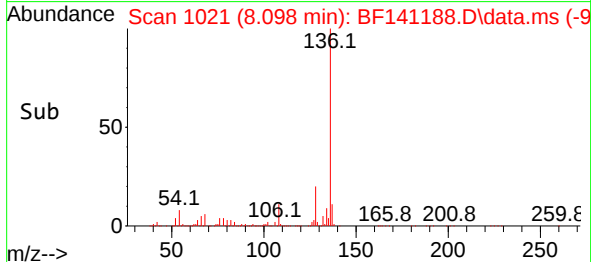
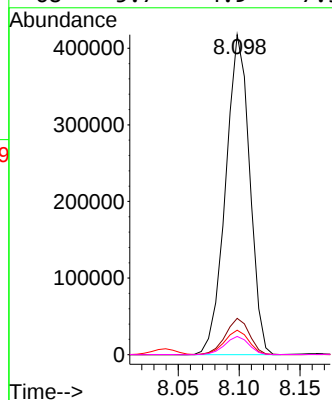
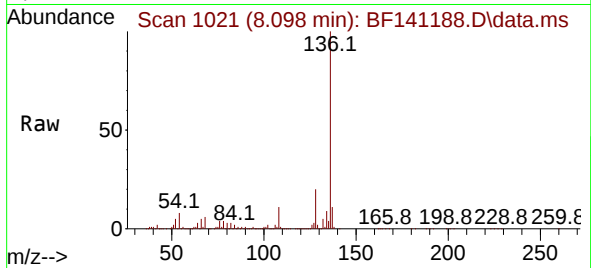


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Tgt Ion:136 Resp: 573685

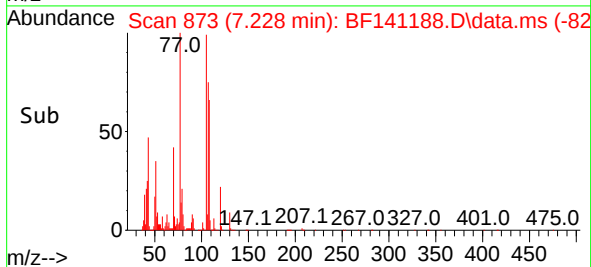
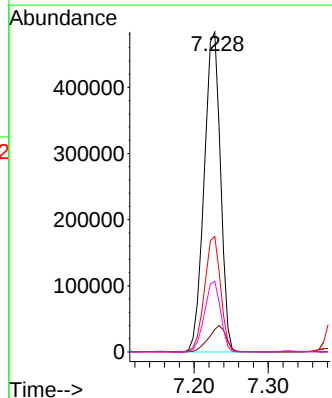
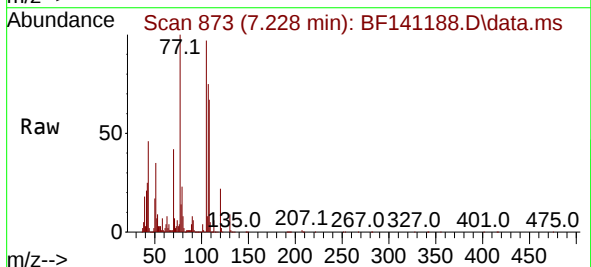
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.7	6.3	9.5
68	5.7	4.9	7.3



#22
Acetophenone
Concen: 54.239 ng
RT: 7.228 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion:105 Resp: 739703

Ion	Ratio	Lower	Upper
105	100		
71	7.0	7.1	10.7#
51	36.1	25.4	38.2
120	22.1	18.0	27.0





#23

Nitrobenzene-d5

Concen: 90.451 ng

RT: 7.381 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

Instrument :

BNA_F

ClientSampleId :

72-11938MSD

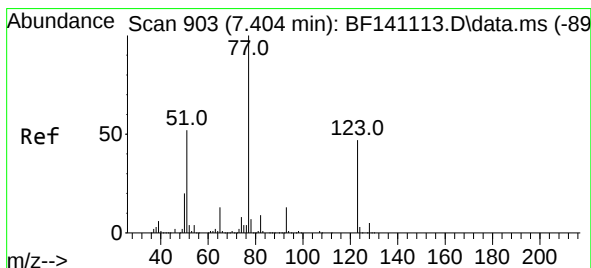
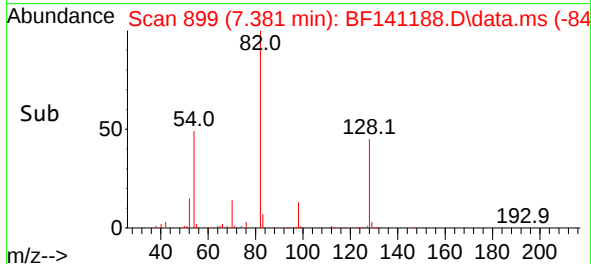
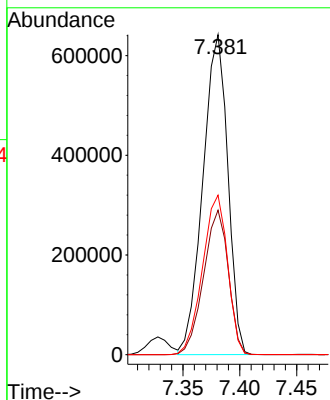
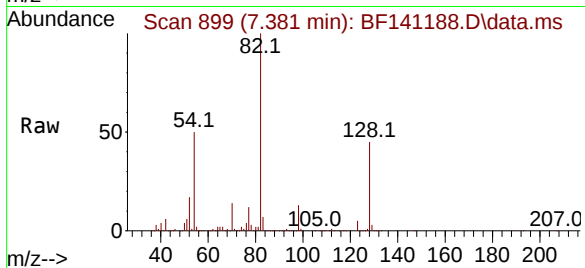
Tgt Ion: 82 Resp: 978912

Ion Ratio Lower Upper

82 100

128 45.2 36.1 54.1

54 49.9 41.0 61.4



#24

Nitrobenzene

Concen: 51.529 ng

RT: 7.398 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

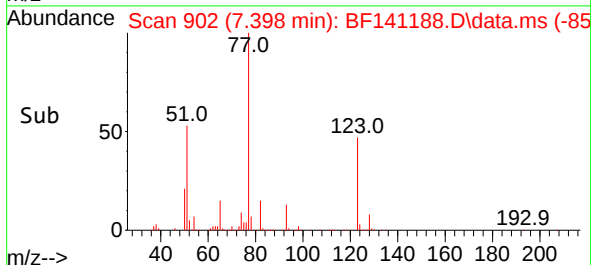
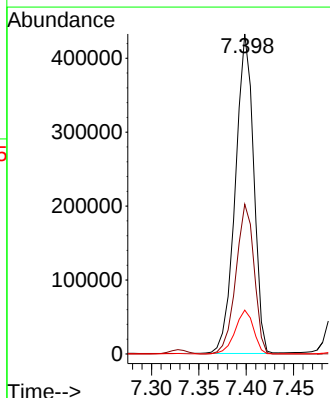
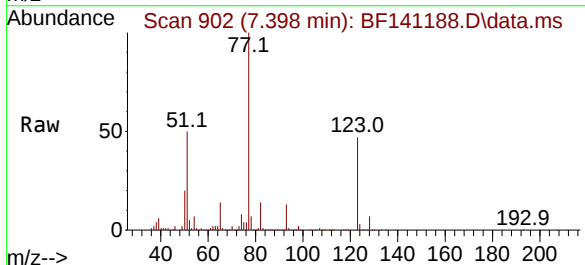
Tgt Ion: 77 Resp: 581211

Ion Ratio Lower Upper

77 100

123 46.8 37.7 56.5

65 13.7 10.6 16.0

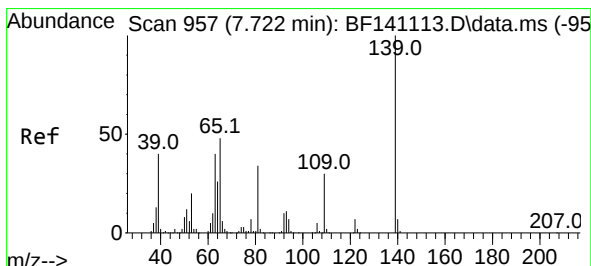
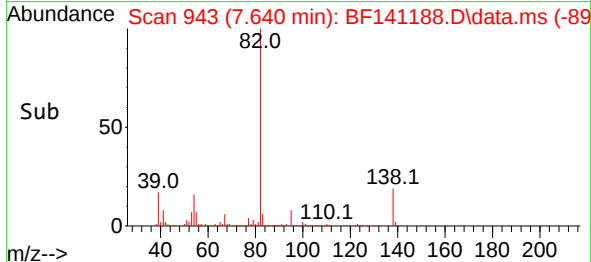
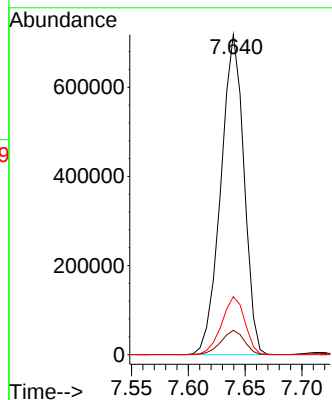
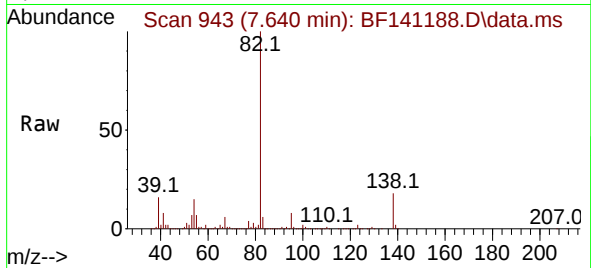




#25
Isophorone
Concen: 55.042 ng
RT: 7.640 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

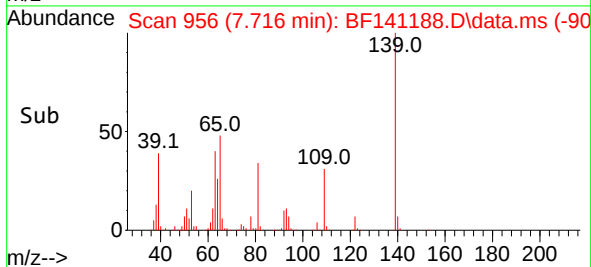
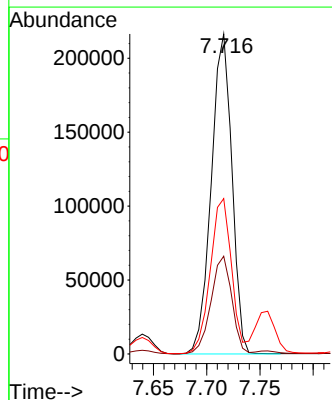
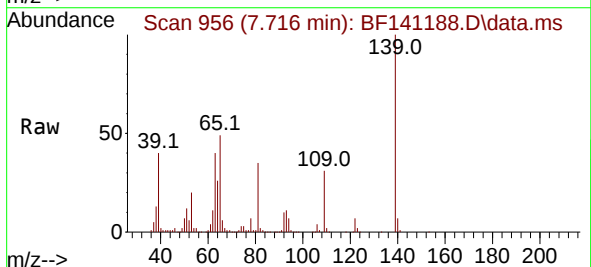
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Tgt Ion: 82 Resp: 1018008
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 18.2 14.2 21.2



#26
2-Nitrophenol
Concen: 56.775 ng
RT: 7.716 min Scan# 956
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion:139 Resp: 291301
Ion Ratio Lower Upper
139 100
109 30.6 23.8 35.6
65 48.6 38.5 57.7

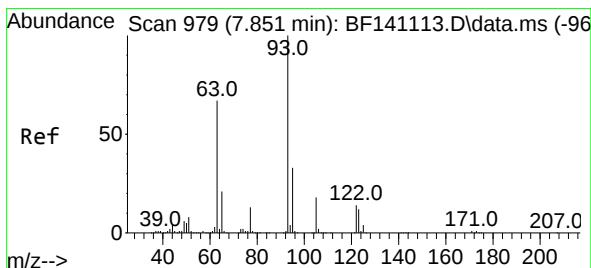
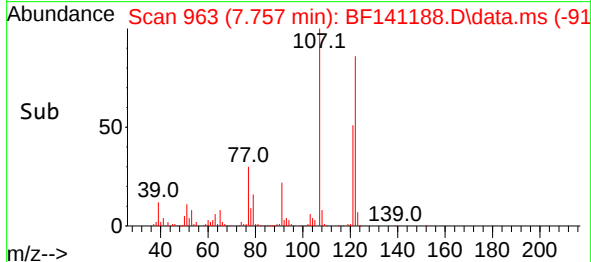
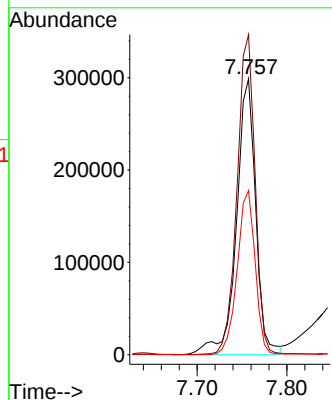
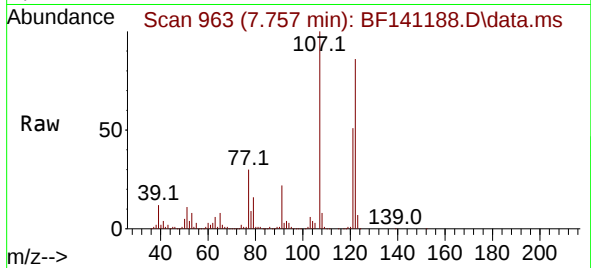




#27
2,4-Dimethylphenol
Concen: 64.405 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

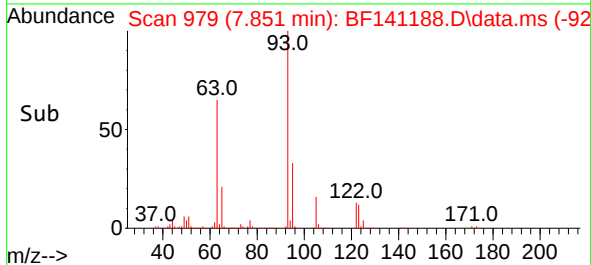
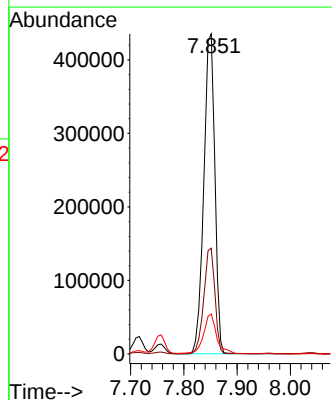
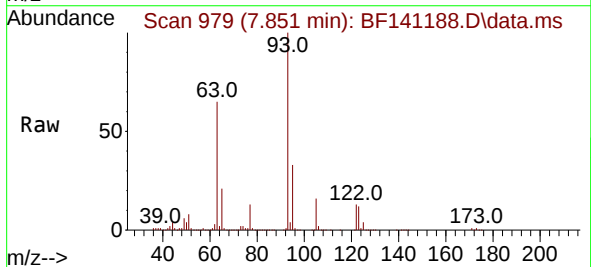
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Tgt Ion:122 Resp: 445725
Ion Ratio Lower Upper
122 100
107 116.0 90.3 135.5
121 59.4 46.5 69.7



#28
bis(2-Chloroethoxy)methane
Concen: 54.074 ng
RT: 7.851 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion: 93 Resp: 627646
Ion Ratio Lower Upper
93 100
95 33.1 26.2 39.4
123 12.5 10.1 15.1

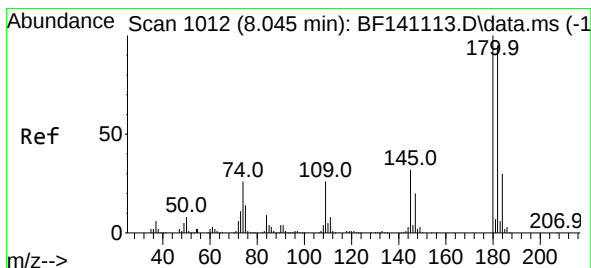
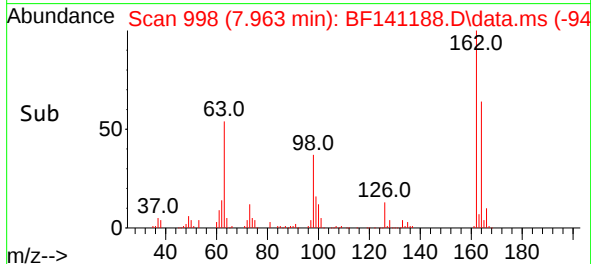
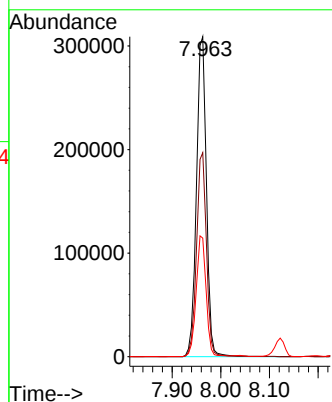
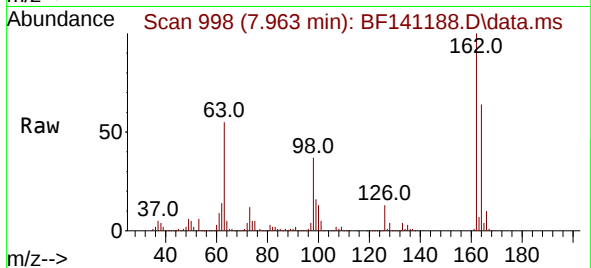




#29
2,4-Dichlorophenol
Concen: 53.756 ng
RT: 7.963 min Scan# 99
Delta R.T. 0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

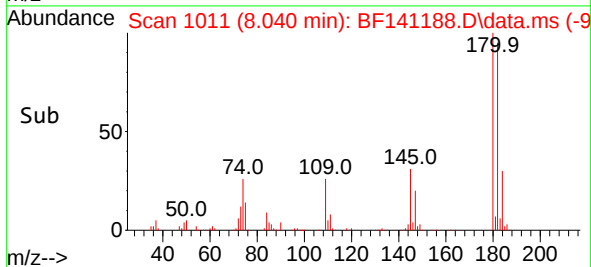
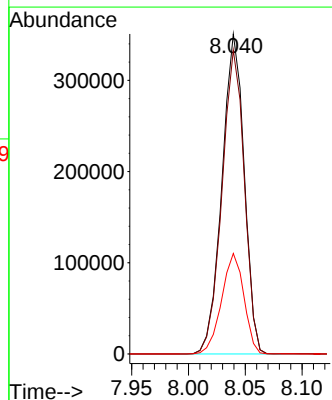
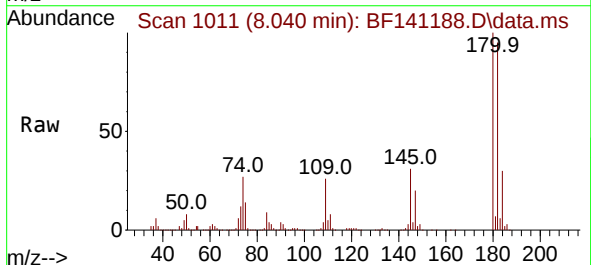
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Tgt Ion:162 Resp: 441847
Ion Ratio Lower Upper
162 100
164 63.8 44.5 84.5
98 37.1 18.5 58.5



#30
1,2,4-Trichlorobenzene
Concen: 50.880 ng
RT: 8.040 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion:180 Resp: 478024
Ion Ratio Lower Upper
180 100
182 94.9 76.2 114.2
145 31.4 25.3 37.9

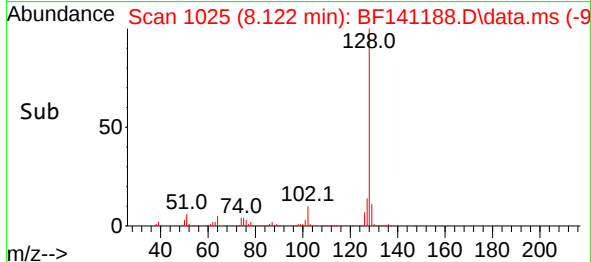
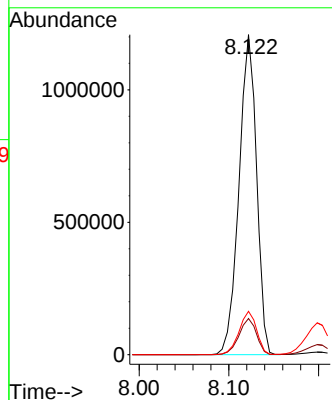
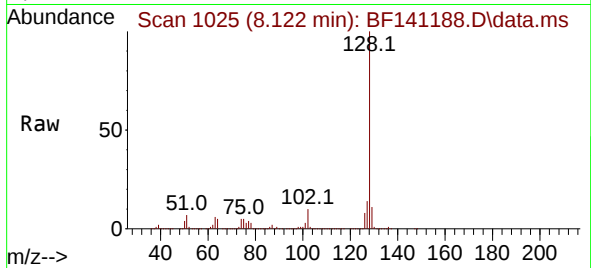




#31
Naphthalene
Concen: 54.294 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

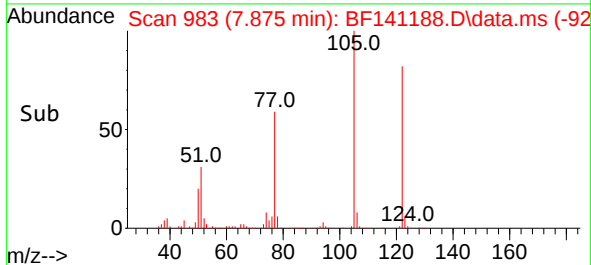
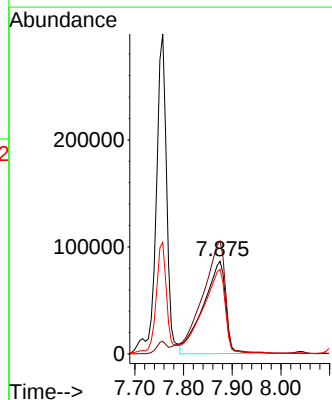
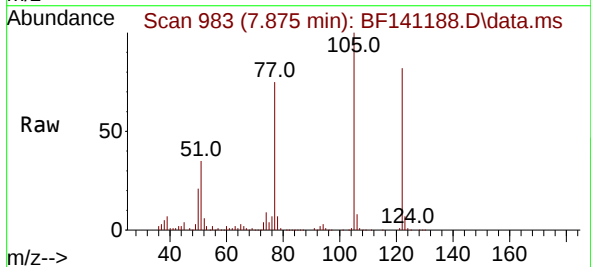
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Tgt Ion:128 Resp: 1642590
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 41.434 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.018 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion:122 Resp: 275073
Ion Ratio Lower Upper
122 100
105 122.1 105.5 145.5
77 91.2 75.1 115.1





#33

4-Chloroaniline

Concen: 20.841 ng

RT: 8.198 min Scan# 1038

Delta R.T. 0.024 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

Instrument :

BNA_F

ClientSampleId :

72-11938MSD

Tgt Ion:127 Resp: 218057

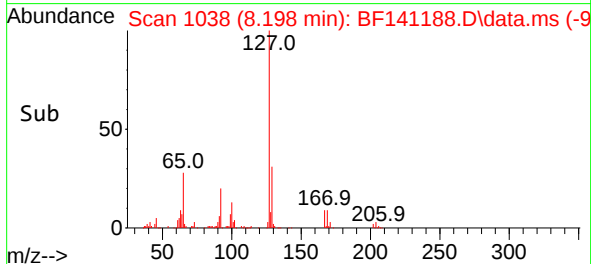
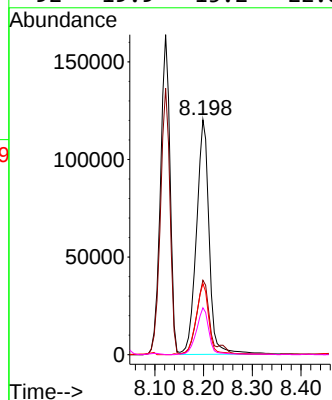
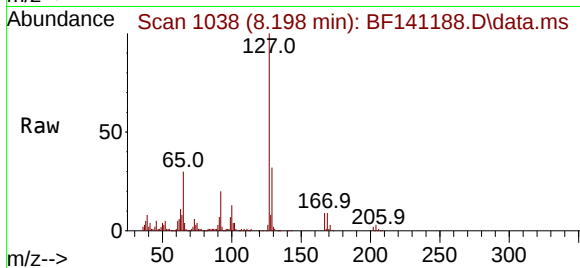
Ion Ratio Lower Upper

127 100

129 31.7 25.9 38.9

65 30.2 23.8 35.8

92 19.9 15.2 22.8



#34

Hexachlorobutadiene

Concen: 53.497 ng

RT: 8.240 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

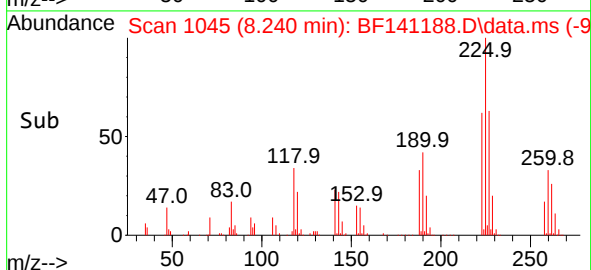
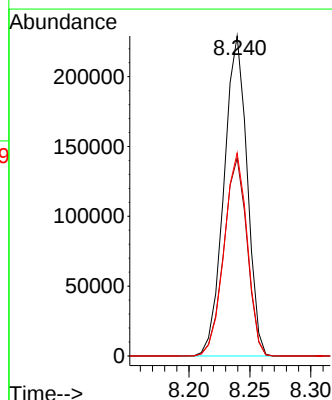
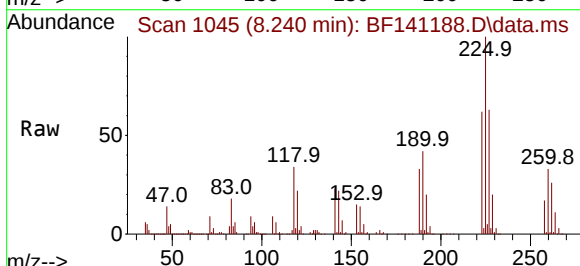
Tgt Ion:225 Resp: 302855

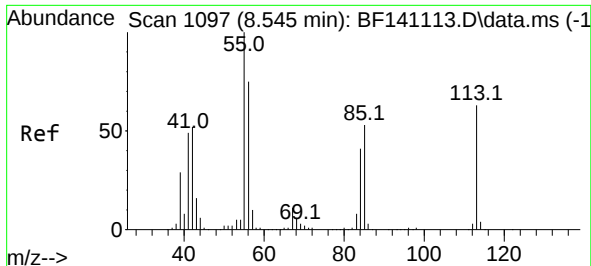
Ion Ratio Lower Upper

225 100

223 61.8 50.6 76.0

227 63.4 51.6 77.4

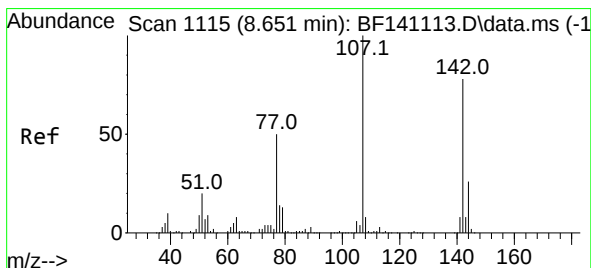
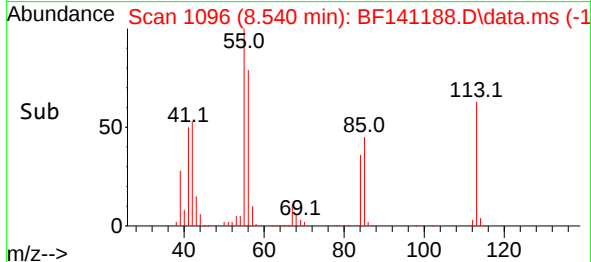
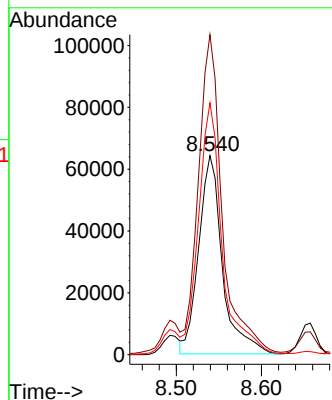
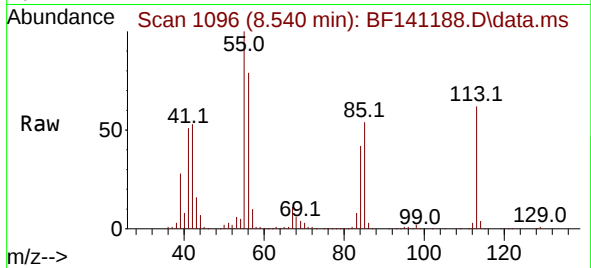




#35
 Caprolactam
 Concen: 46.169 ng
 RT: 8.540 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF141188.D
 Acq: 16 Jan 2025 16:32

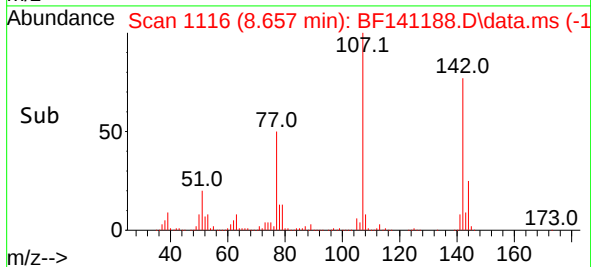
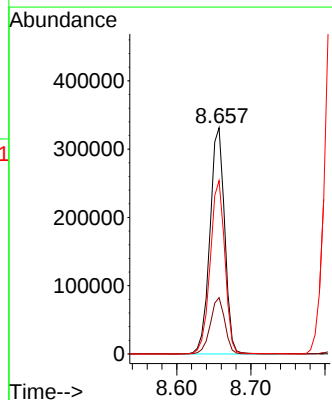
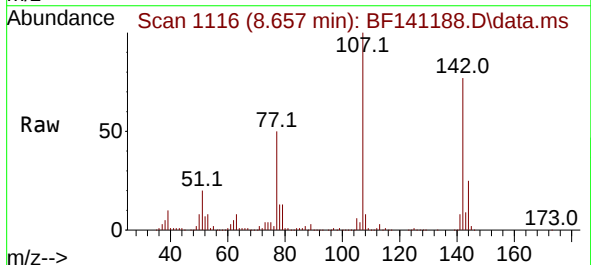
Instrument :
 BNA_F
 ClientSampleId :
 72-11938MSD

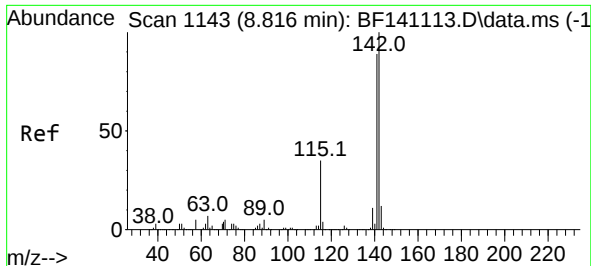
Tgt Ion:113 Resp: 124240
 Ion Ratio Lower Upper
 113 100
 55 160.8 139.7 179.7
 56 126.6 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 50.912 ng
 RT: 8.657 min Scan# 1116
 Delta R.T. 0.006 min
 Lab File: BF141188.D
 Acq: 16 Jan 2025 16:32

Tgt Ion:107 Resp: 457665
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.4 30.6
 142 76.5 62.2 93.2





#37

2-Methylnaphthalene

Concen: 52.378 ng

RT: 8.816 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

Instrument :

BNA_F

ClientSampleId :

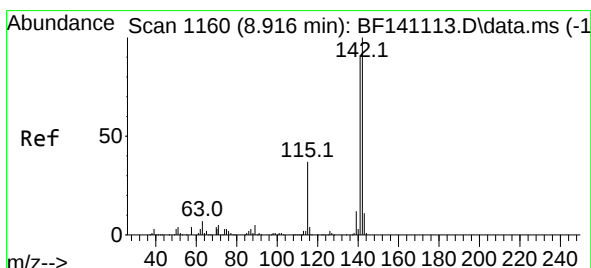
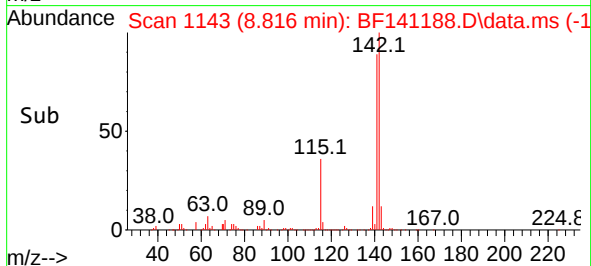
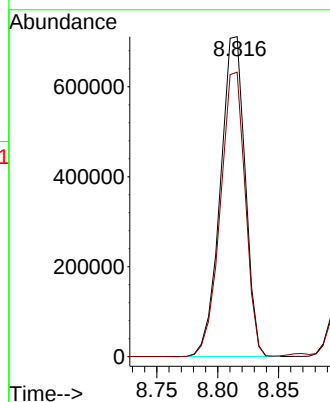
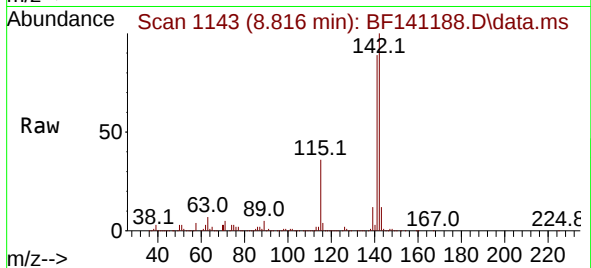
72-11938MSD

Tgt Ion:142 Resp: 1009789

Ion Ratio Lower Upper

142 100

141 88.9 71.3 106.9



#38

1-Methylnaphthalene

Concen: 48.850 ng

RT: 8.910 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BF141188.D

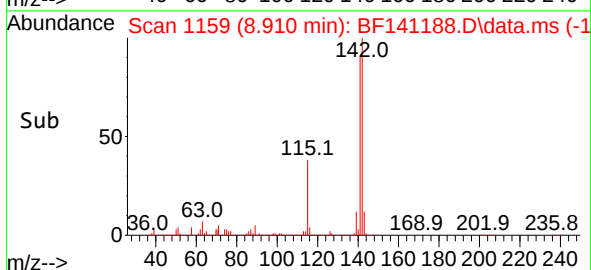
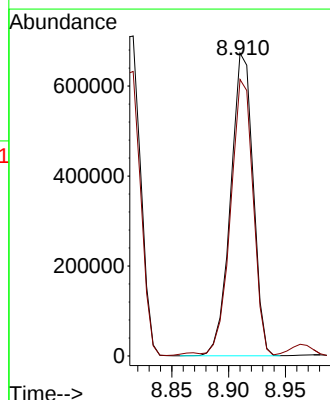
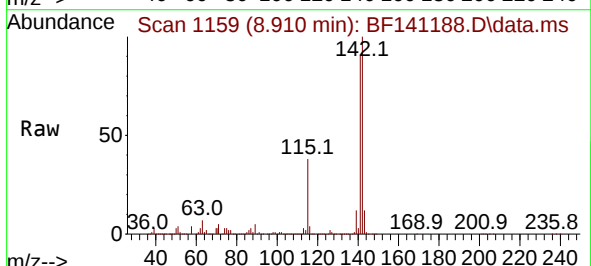
Acq: 16 Jan 2025 16:32

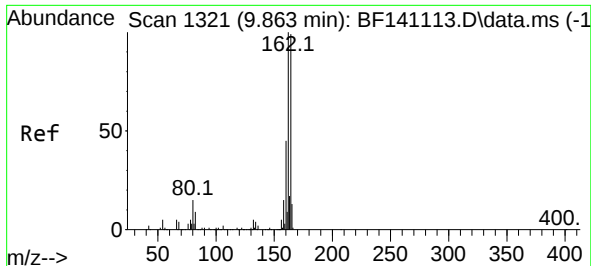
Tgt Ion:142 Resp: 928141

Ion Ratio Lower Upper

142 100

141 91.3 73.1 109.7

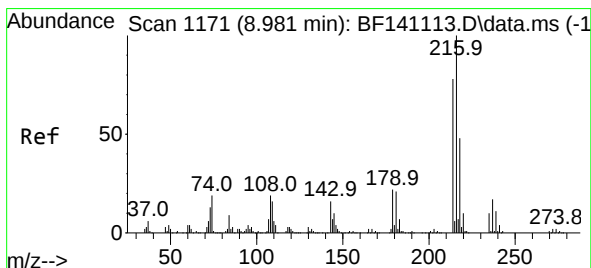
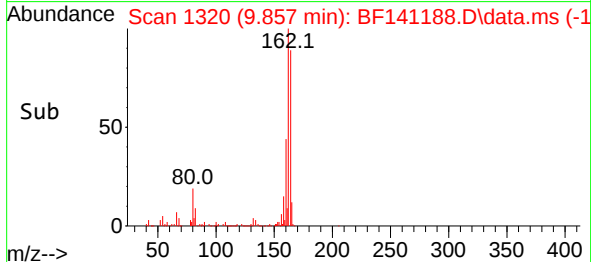
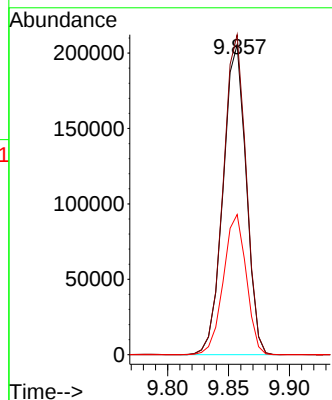
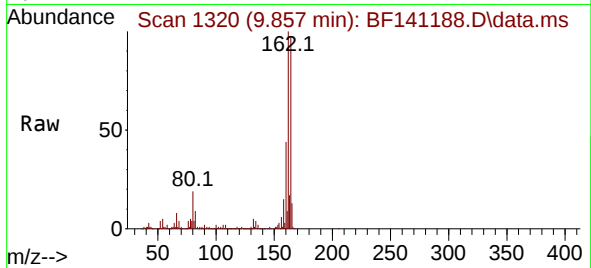




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

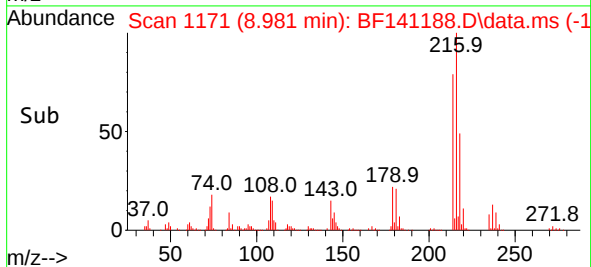
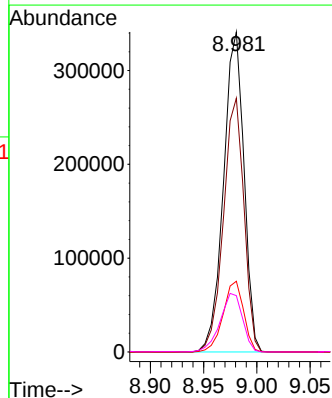
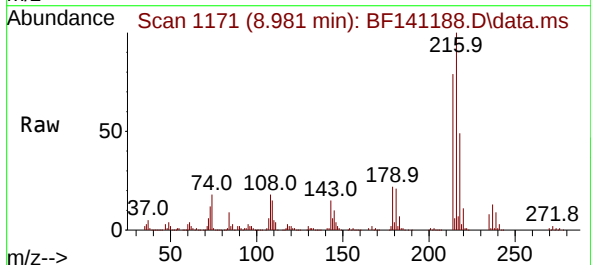
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Tgt Ion:164 Resp: 270550
Ion Ratio Lower Upper
164 100
162 103.2 81.0 121.4
160 45.2 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.593 ng
RT: 8.981 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion:216 Resp: 454994
Ion Ratio Lower Upper
216 100
214 79.2 62.6 94.0
179 22.2 17.7 26.5
108 20.1 15.4 23.0

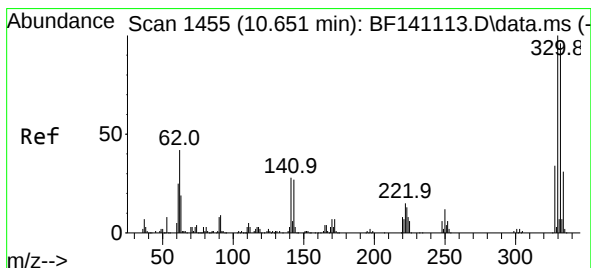
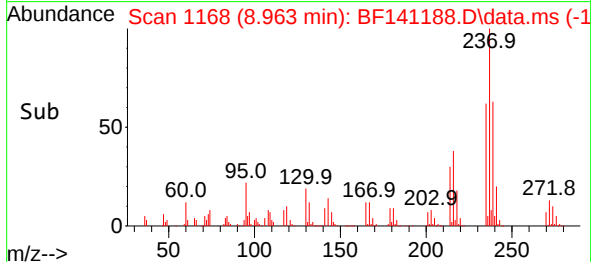
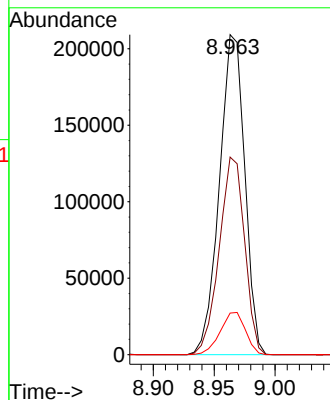
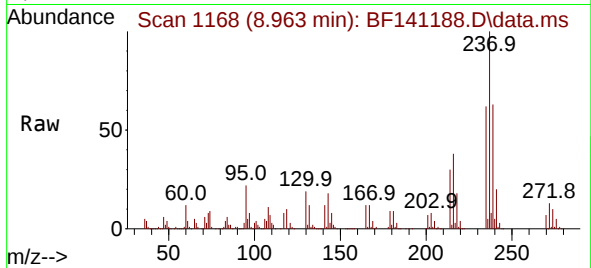




#41
Hexachlorocyclopentadiene
Concen: 119.358 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

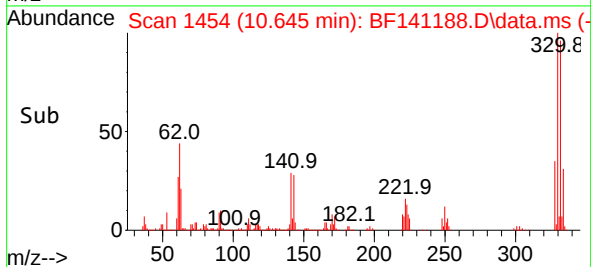
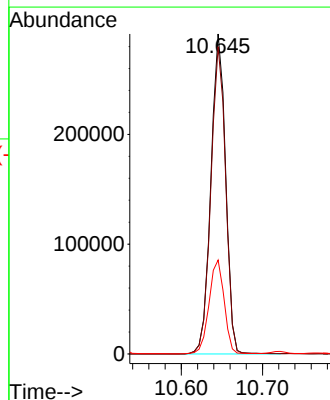
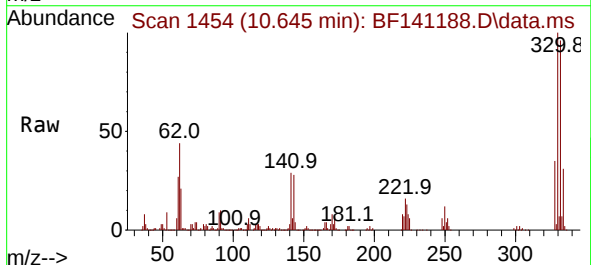
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

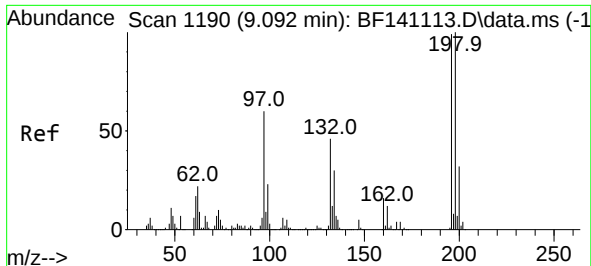
Tgt Ion:237 Resp: 303234
Ion Ratio Lower Upper
237 100
235 61.7 43.0 83.0
272 13.0 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 119.139 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion:330 Resp: 367275
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 30.0 25.2 37.8

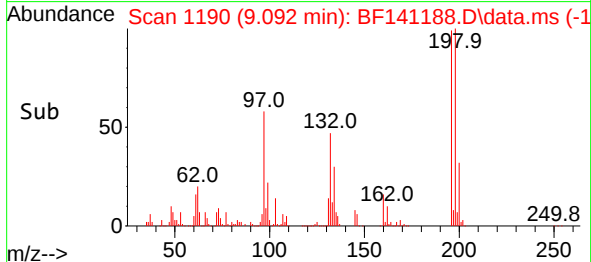
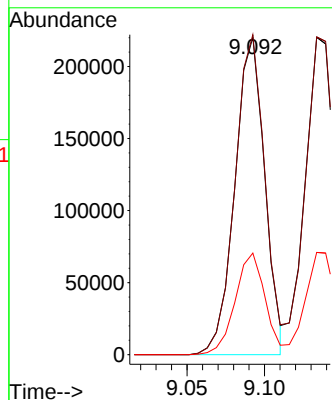
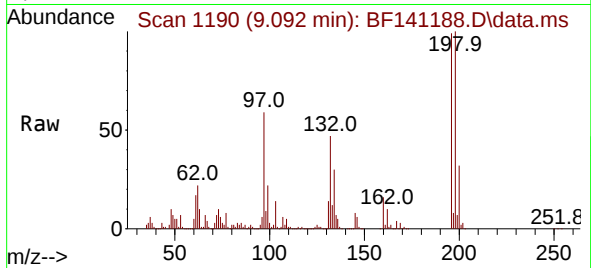




#43
2,4,6-Trichlorophenol
Concen: 56.385 ng
RT: 9.092 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

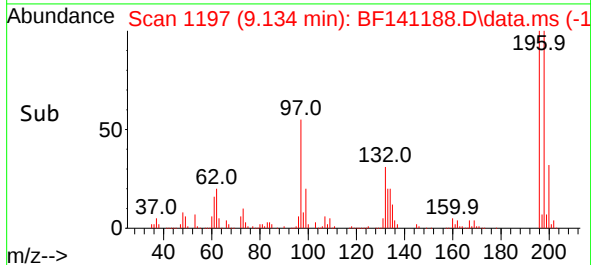
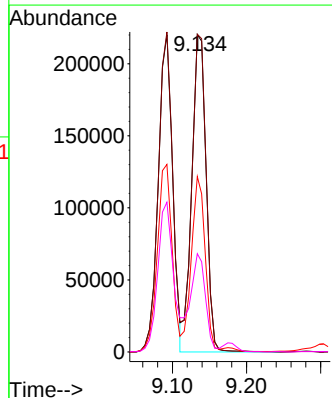
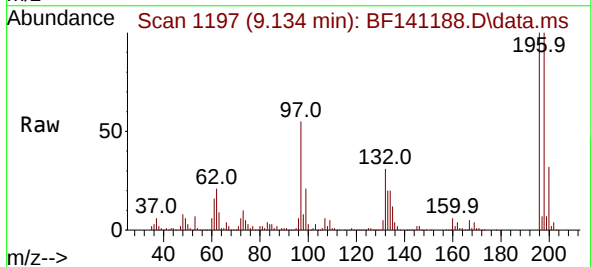
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

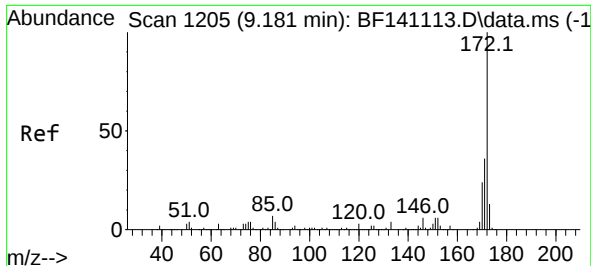
Tgt Ion:196 Resp: 295300
Ion Ratio Lower Upper
196 100
198 100.8 80.8 121.2
200 32.0 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 53.541 ng
RT: 9.134 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion:196 Resp: 296143
Ion Ratio Lower Upper
196 100
198 100.1 80.6 120.8
97 55.2 43.1 64.7
132 30.9 24.3 36.5

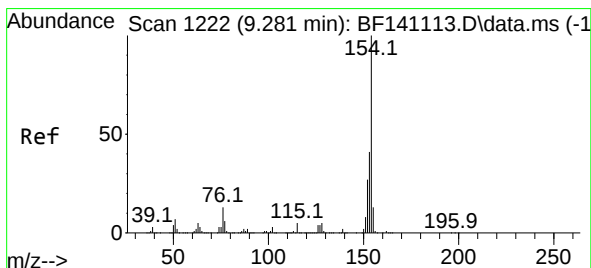
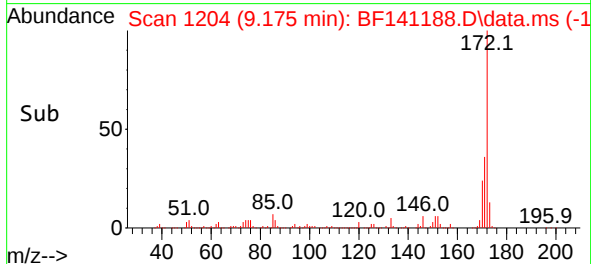
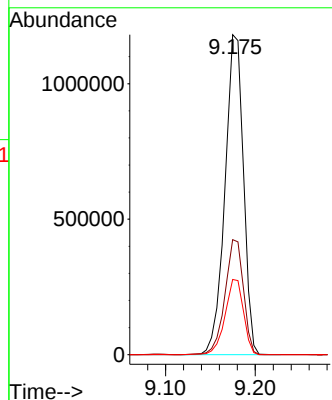
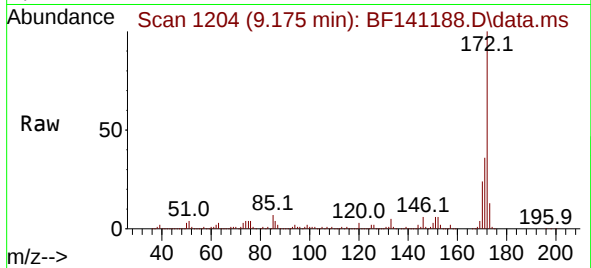




#45
2-Fluorobiphenyl
Concen: 95.293 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

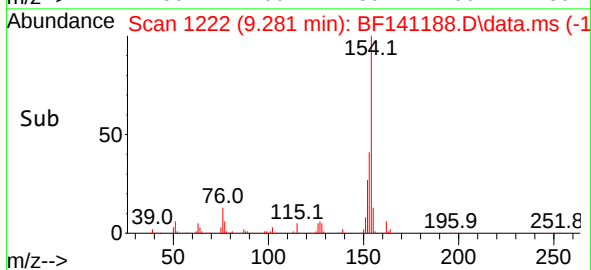
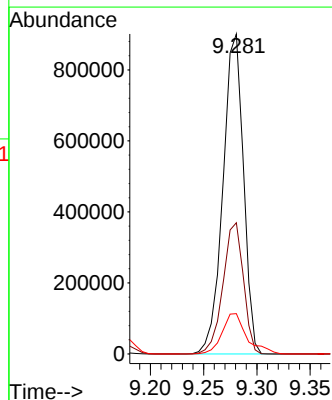
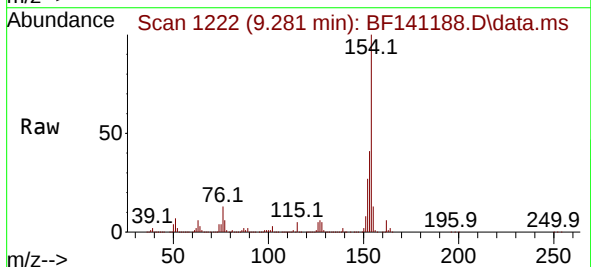
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Tgt Ion:172 Resp: 1688323
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 57.398 ng
RT: 9.281 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion:154 Resp: 1205990
Ion Ratio Lower Upper
154 100
153 41.0 20.7 60.7
76 12.6 0.0 33.1

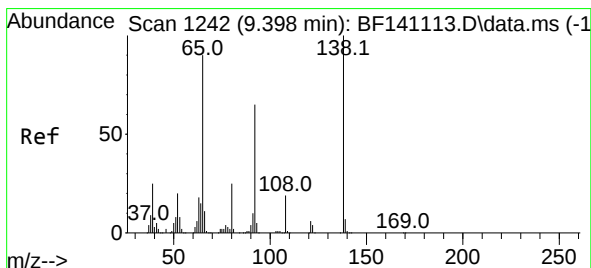
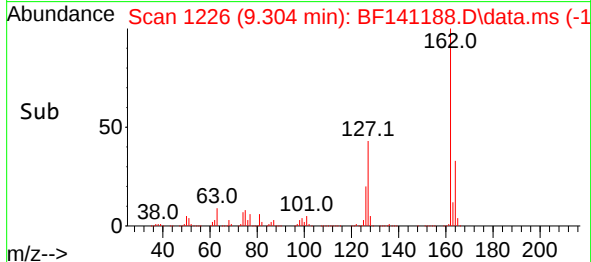
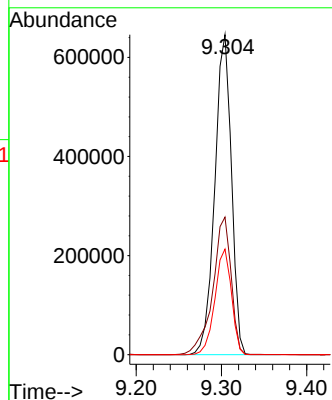
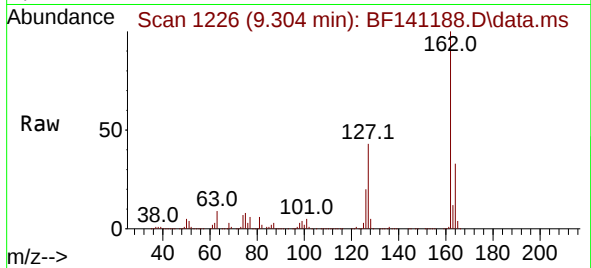




#47
2-Chloronaphthalene
Concen: 53.485 ng
RT: 9.304 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

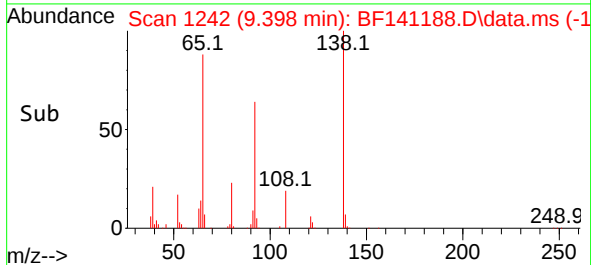
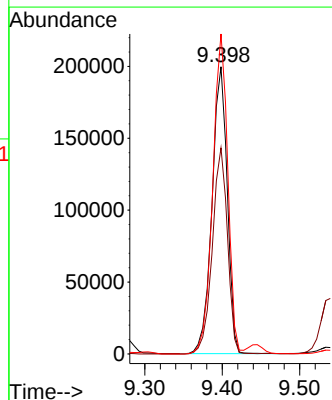
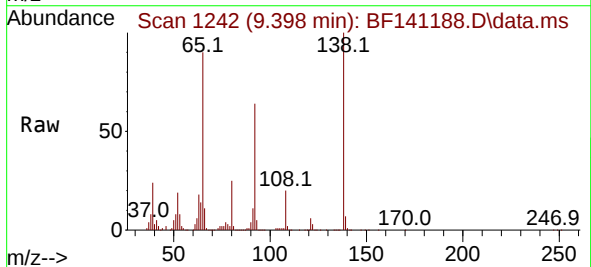
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

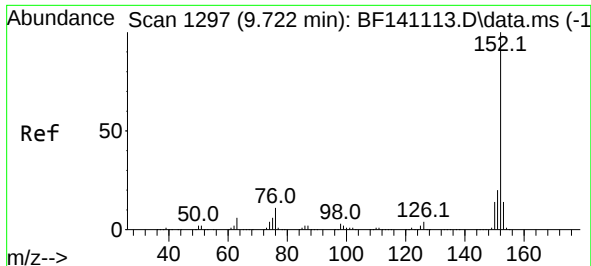
Tgt Ion:162 Resp: 875281
Ion Ratio Lower Upper
162 100
127 43.0 34.6 51.8
164 33.0 26.5 39.7



#48
2-Nitroaniline
Concen: 56.227 ng
RT: 9.398 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion: 65 Resp: 272762
Ion Ratio Lower Upper
65 100
92 71.8 58.3 87.5
138 111.4 89.1 133.7

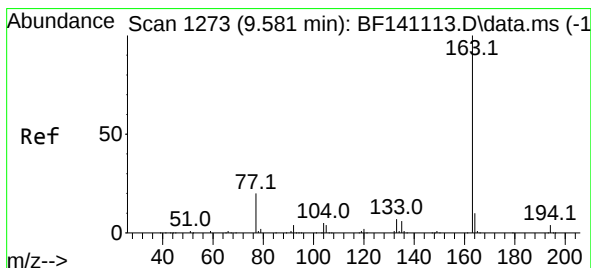
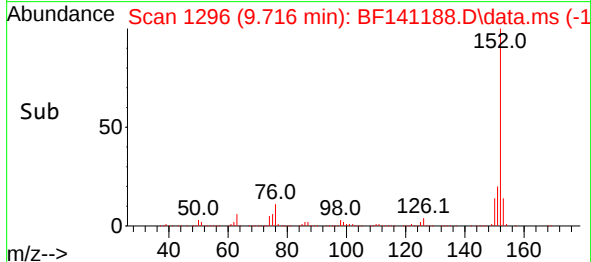
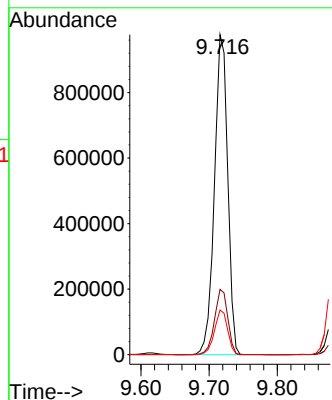
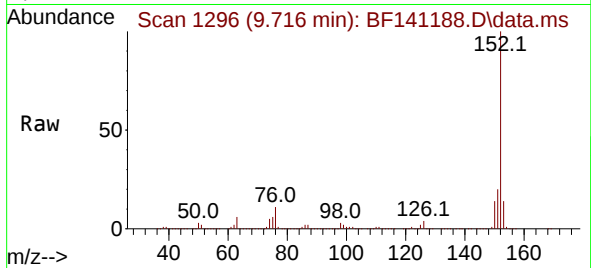




#49
Acenaphthylene
Concen: 56.504 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

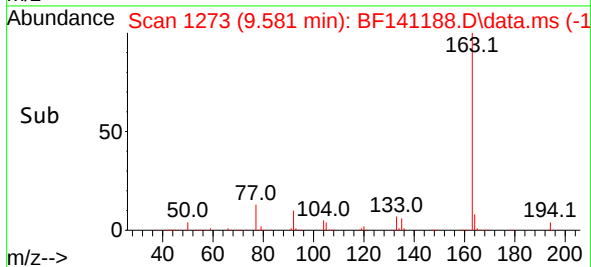
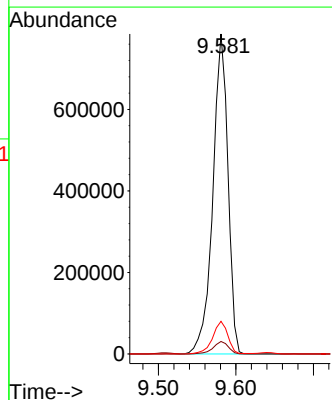
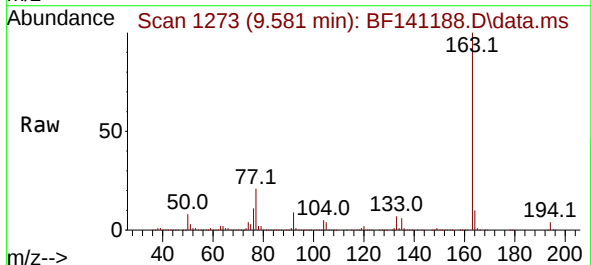
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Tgt Ion:152 Resp: 1321098
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.9 11.1 16.7



#50
Dimethylphthalate
Concen: 58.522 ng
RT: 9.581 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion:163 Resp: 1062933
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.2 12.4

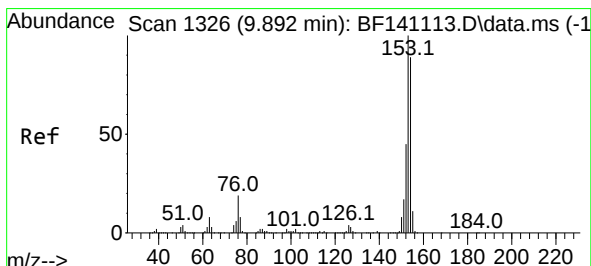
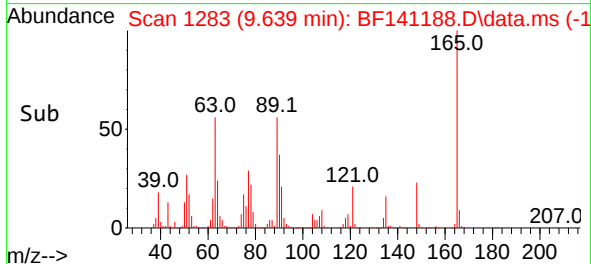
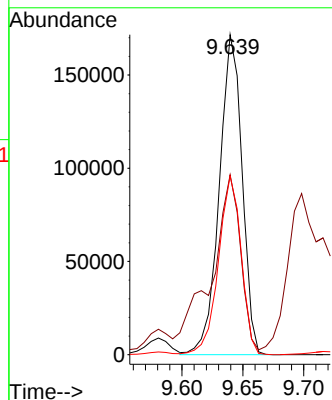
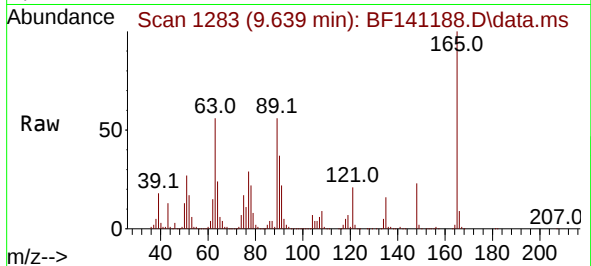




#51
2,6-Dinitrotoluene
Concen: 52.988 ng
RT: 9.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

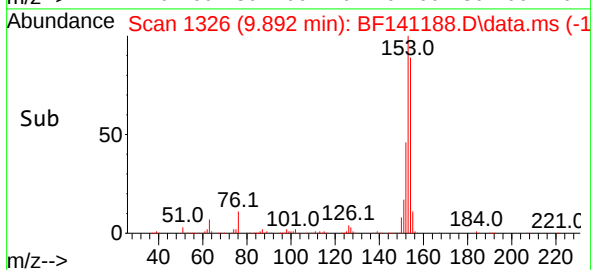
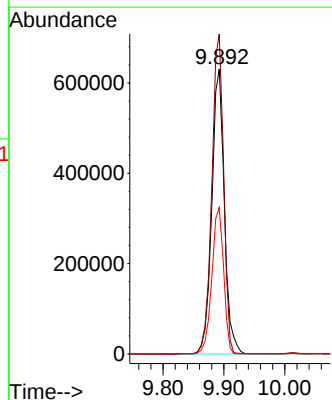
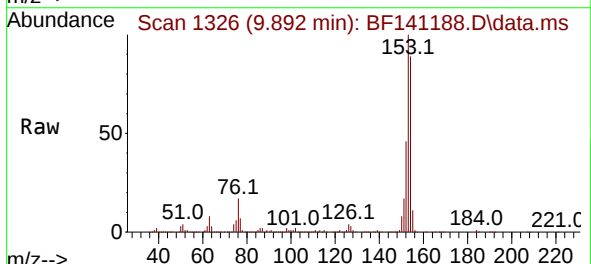
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Tgt Ion:165 Resp: 223808
Ion Ratio Lower Upper
165 100
63 56.2 42.3 63.5
89 55.9 43.1 64.7



#52
Acenaphthene
Concen: 55.161 ng
RT: 9.892 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion:154 Resp: 901041
Ion Ratio Lower Upper
154 100
153 112.4 89.8 134.6
152 51.4 40.8 61.2

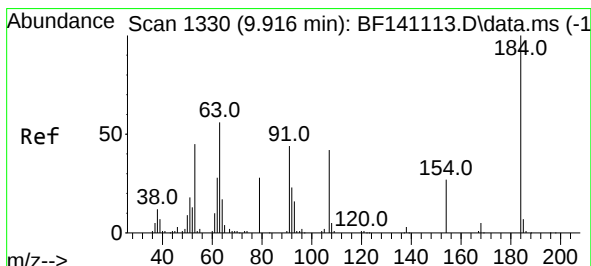
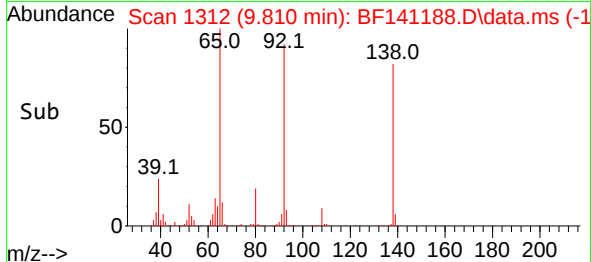
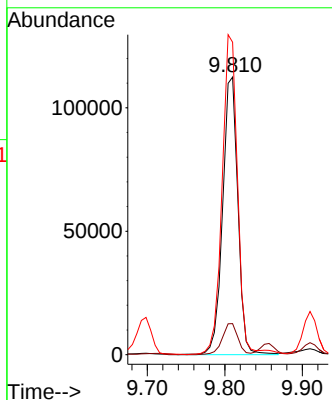
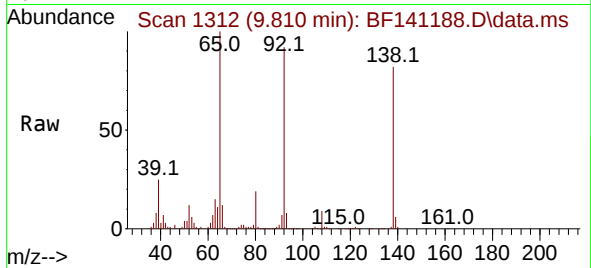




#53
3-Nitroaniline
Concen: 35.925 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

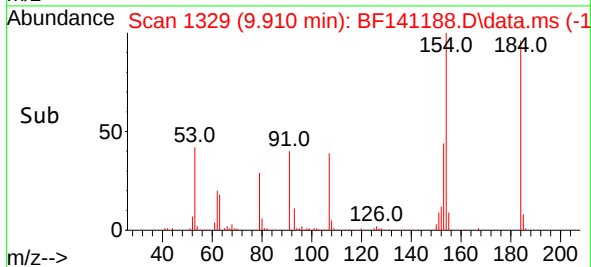
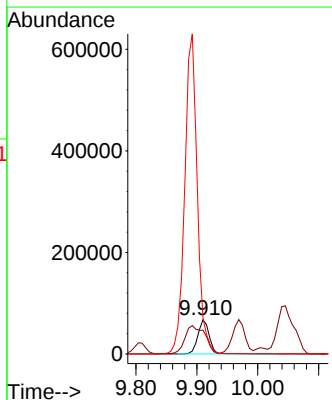
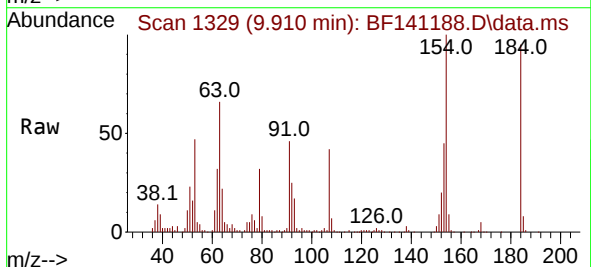
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

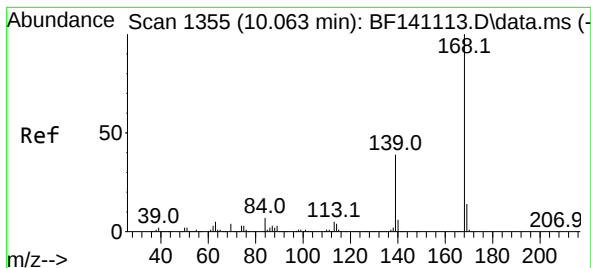
Tgt Ion:138 Resp: 154198
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 112.5 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 43.455 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion:184 Resp: 87241
Ion Ratio Lower Upper
184 100
63 69.5 48.7 73.1
154 104.8 57.1 85.7#





#55

Dibenzenofuran

Concen: 53.933 ng

RT: 10.063 min Scan# 1355

Delta R.T. 0.000 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

Instrument :

BNA_F

ClientSampleId :

72-11938MSD

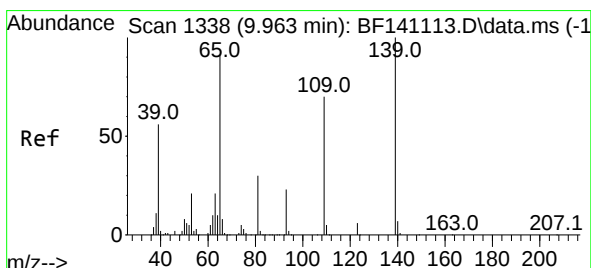
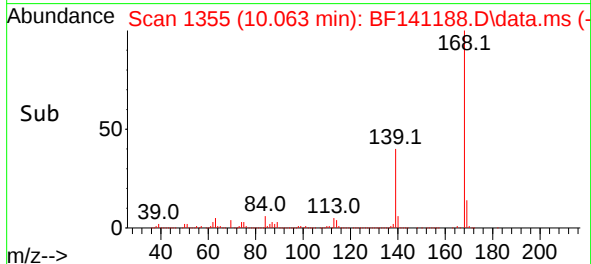
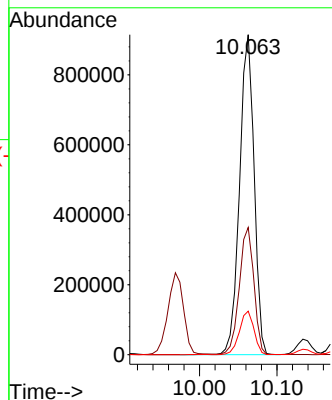
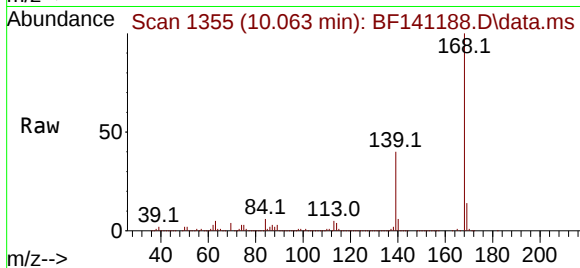
Tgt Ion:168 Resp: 1198302

Ion Ratio Lower Upper

168 100

139 39.8 31.4 47.0

169 13.6 10.9 16.3



#56

4-Nitrophenol

Concen: 97.732 ng

RT: 9.969 min Scan# 1339

Delta R.T. 0.006 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

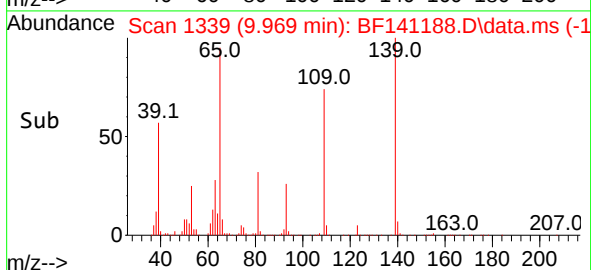
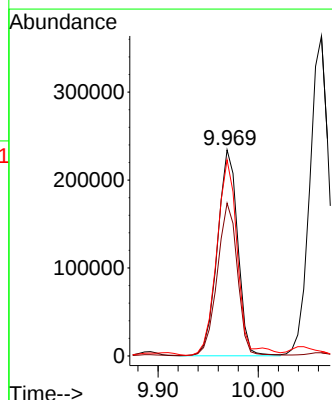
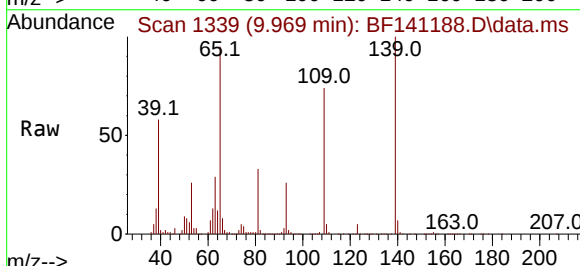
Tgt Ion:139 Resp: 328530

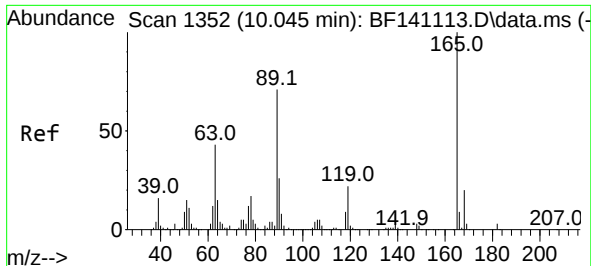
Ion Ratio Lower Upper

139 100

109 74.1 50.2 90.2

65 95.2 72.1 112.1

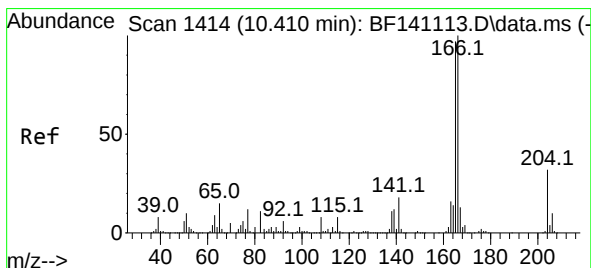
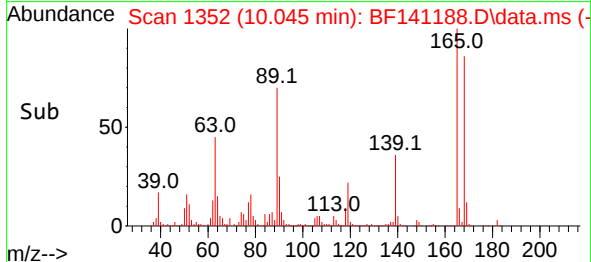
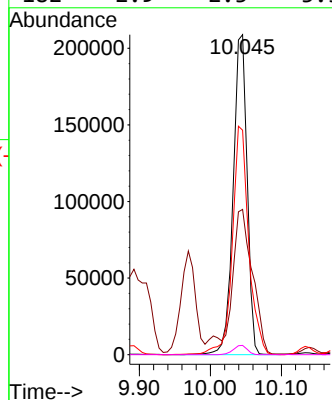
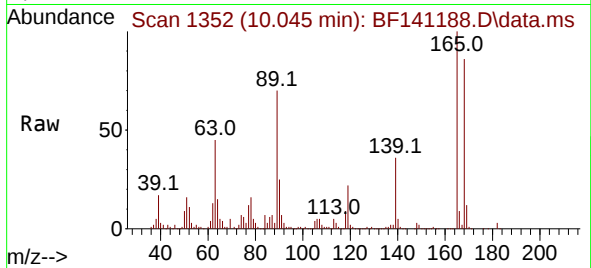




#57
2,4-Dinitrotoluene
Concen: 52.480 ng
RT: 10.045 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

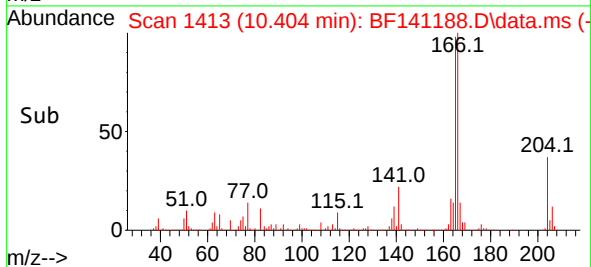
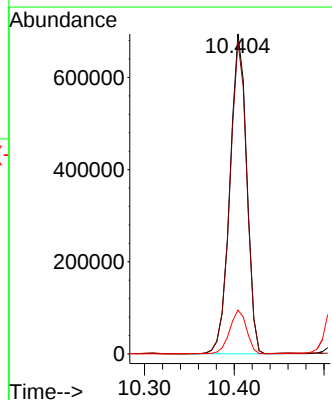
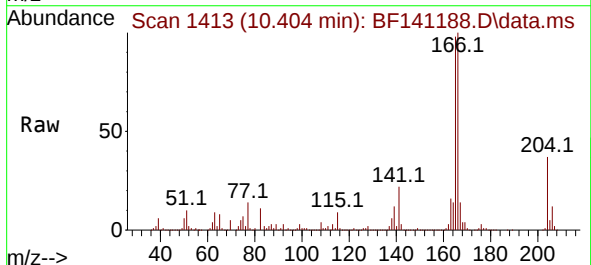
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Tgt Ion:165 Resp: 285665
Ion Ratio Lower Upper
165 100
63 45.4 35.0 52.4
89 70.1 56.7 85.1
182 2.9 2.3 3.5



#58
Fluorene
Concen: 52.332 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion:166 Resp: 903334
Ion Ratio Lower Upper
166 100
165 97.5 77.8 116.8
167 13.7 10.8 16.2



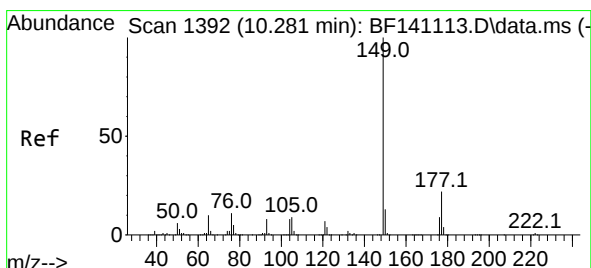
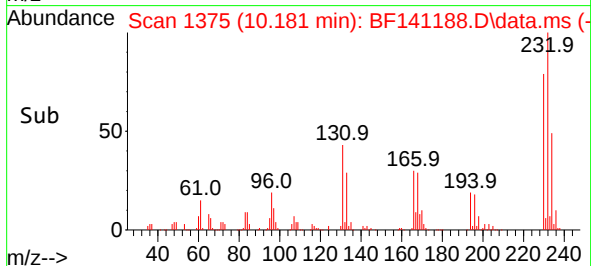
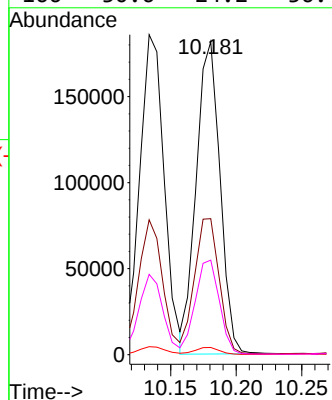
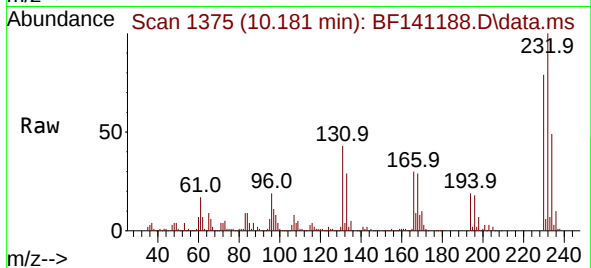


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.996 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Tgt Ion:232 Resp: 229860

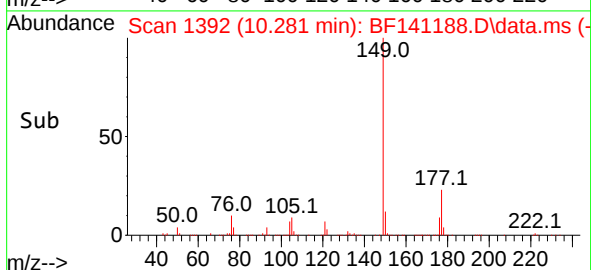
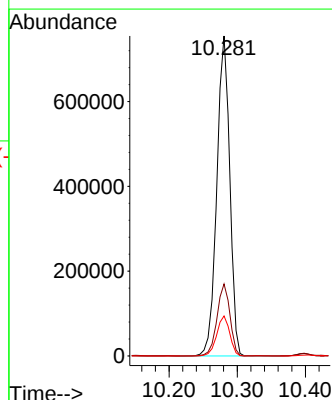
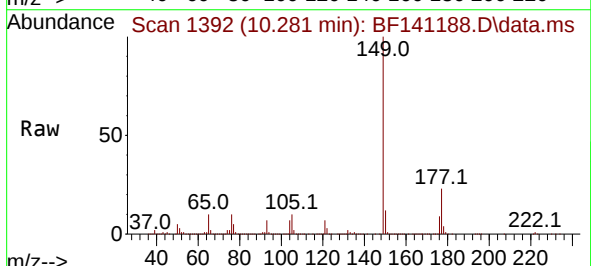
Ion	Ratio	Lower	Upper
232	100		
131	44.8	36.2	54.4
130	2.5	2.0	3.0
166	30.6	24.2	36.4

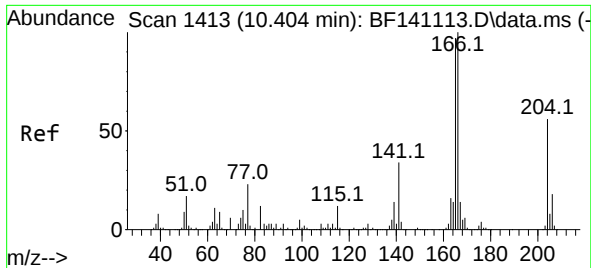


#60
Diethylphthalate
Concen: 56.156 ng
RT: 10.281 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion:149 Resp: 995742

Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.9	26.9
150	12.5	10.2	15.2

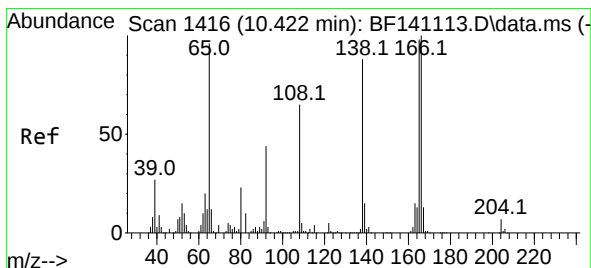
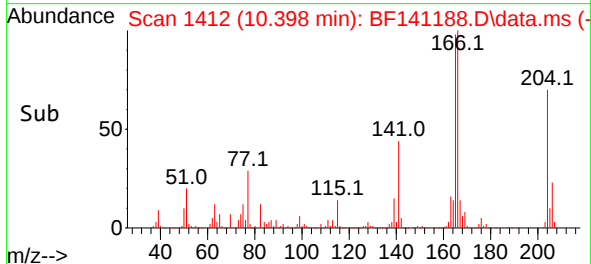
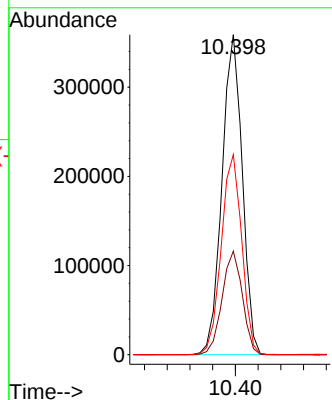
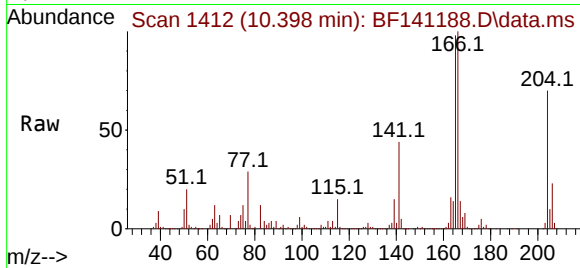




#61
4-Chlorophenyl-phenylether
Concen: 52.880 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

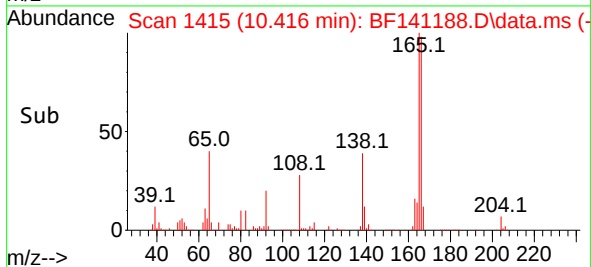
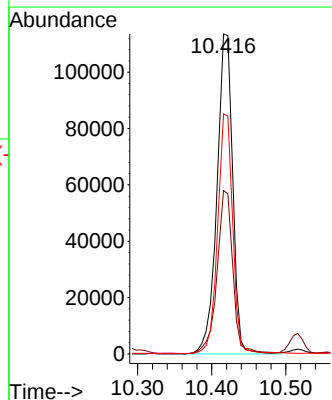
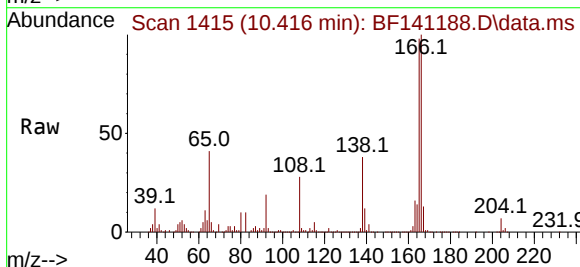
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

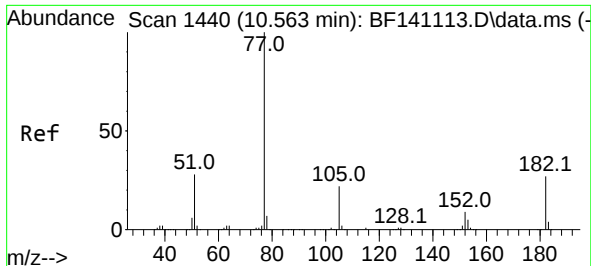
Tgt Ion:204 Resp: 444880
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 62.5 49.1 73.7



#62
4-Nitroaniline
Concen: 40.197 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion:138 Resp: 168868
Ion Ratio Lower Upper
138 100
92 51.1 29.4 69.4
108 75.1 53.7 93.7

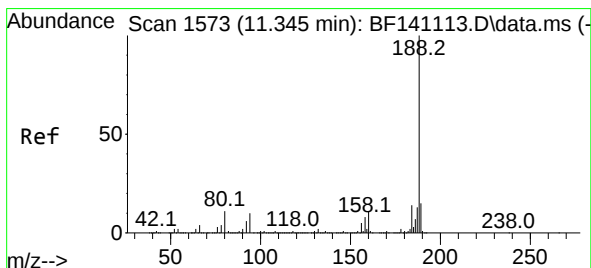
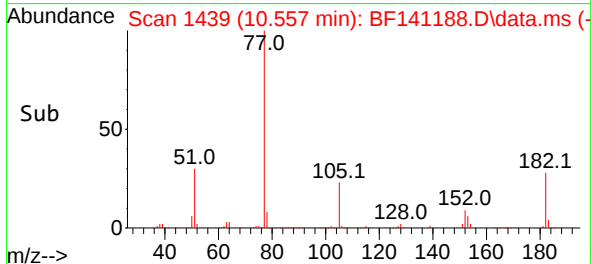
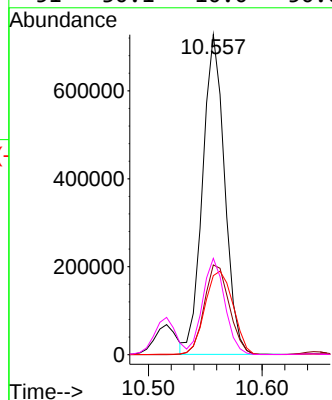
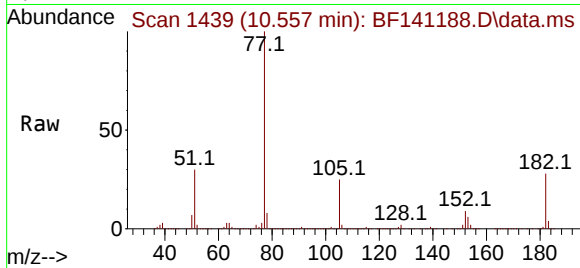




#63
Azobenzene
Concen: 55.867 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

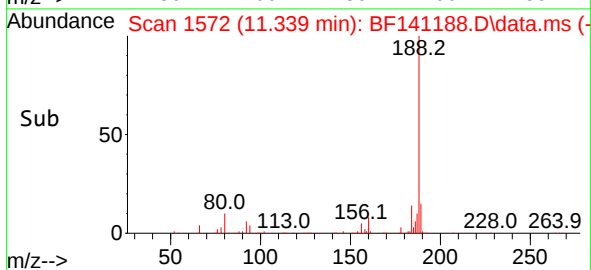
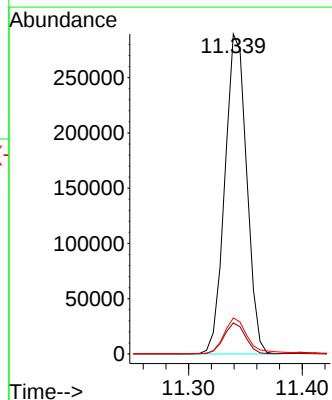
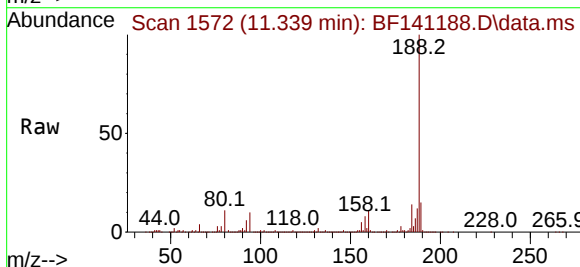
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

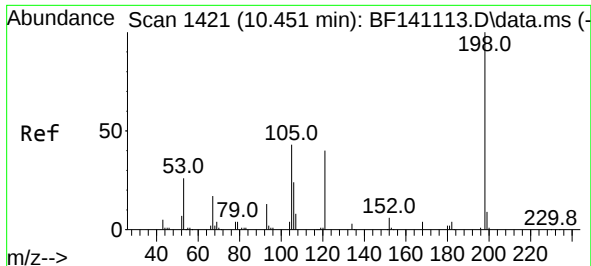
Tgt Ion: 77	Resp: 977473
Ion Ratio	Lower Upper
77 100	
182 28.1	6.1 46.1
105 24.7	2.1 42.1
51 30.1	10.0 50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion:188	Resp: 385674		
Ion Ratio	Lower	Upper	
188 100			
94 9.7	8.3	12.5	
80 11.3	9.0	13.4	

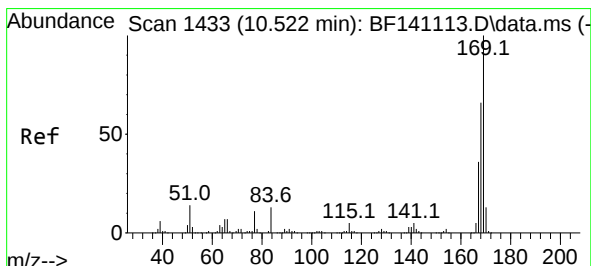
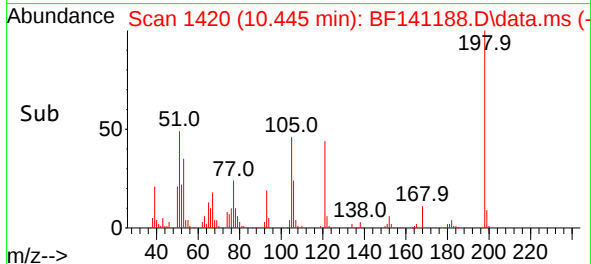
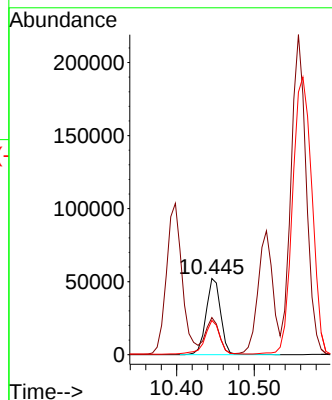
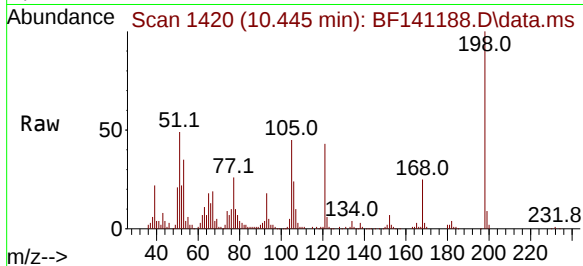




#65
4,6-Dinitro-2-methylphenol
Concen: 30.385 ng
RT: 10.445 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

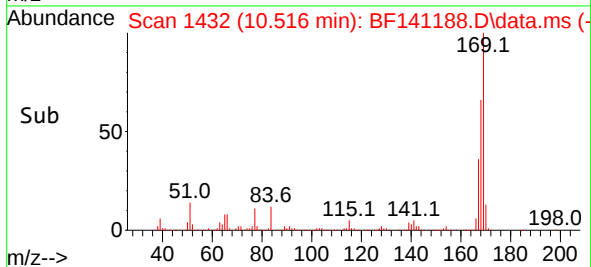
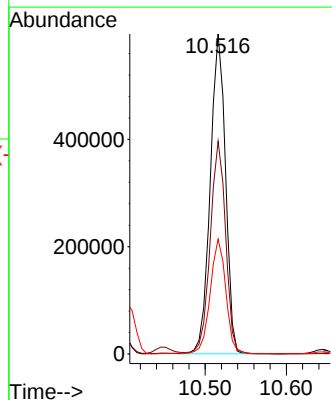
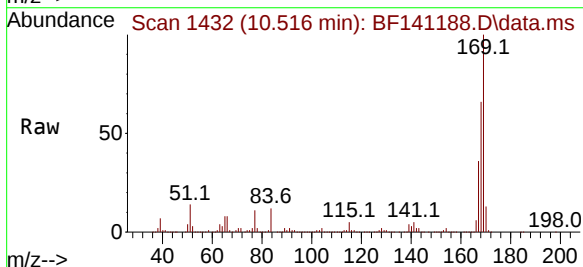
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Tgt Ion:198 Resp: 67906
Ion Ratio Lower Upper
198 100
51 48.8 27.1 67.1
105 44.8 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 62.367 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion:169 Resp: 775825
Ion Ratio Lower Upper
169 100
168 66.5 52.5 78.7
167 35.9 28.9 43.3

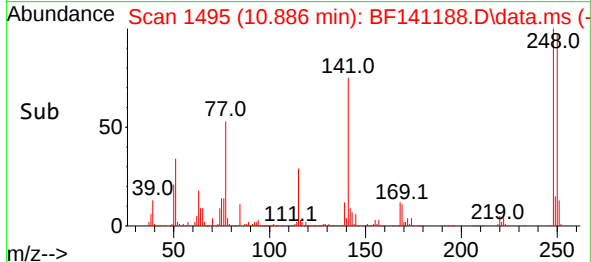
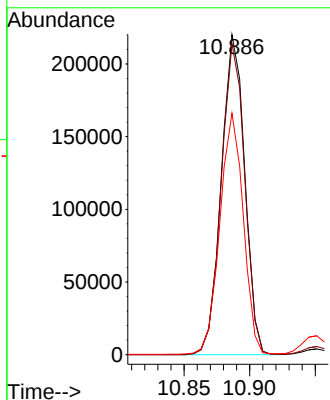
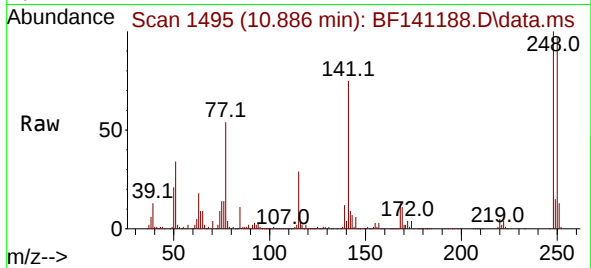




#67
4-Bromophenyl-phenylether
Concen: 61.654 ng
RT: 10.886 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

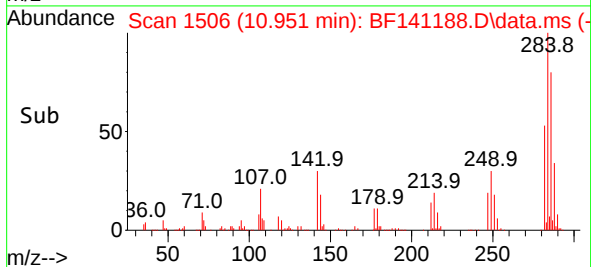
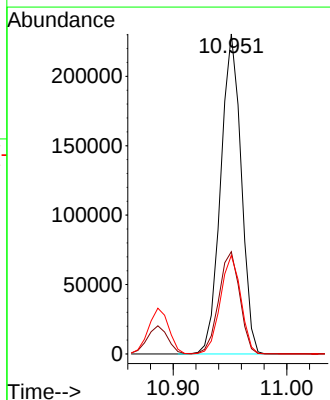
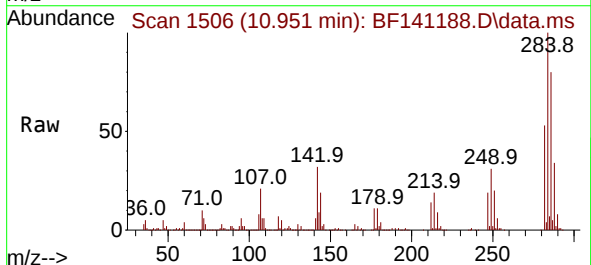
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

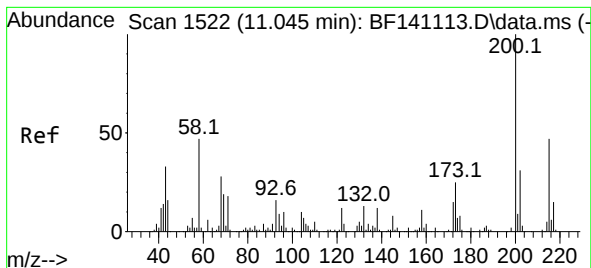
Tgt Ion:248 Resp: 273760
Ion Ratio Lower Upper
248 100
250 97.2 77.9 116.9
141 75.4 59.9 89.9



#68
Hexachlorobenzene
Concen: 58.416 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion:284 Resp: 288739
Ion Ratio Lower Upper
284 100
142 31.9 26.3 39.5
249 30.8 24.9 37.3





#69

Atrazine

Concen: 68.323 ng

RT: 11.045 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

Instrument :

BNA_F

ClientSampleId :

72-11938MSD

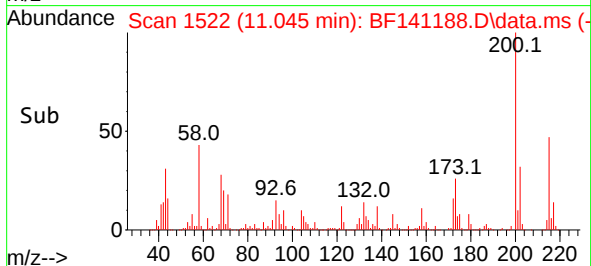
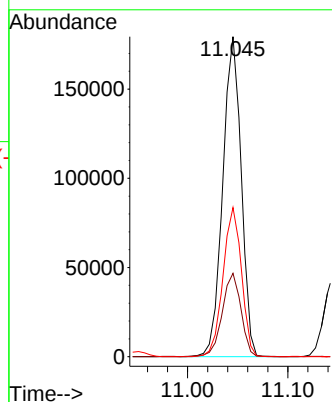
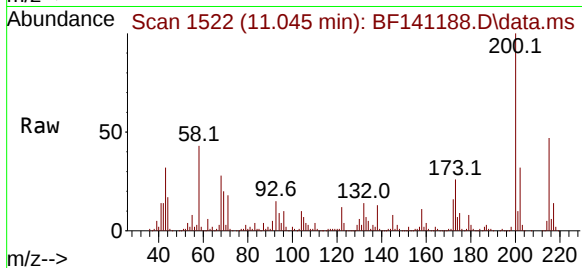
Tgt Ion:200 Resp: 228846

Ion Ratio Lower Upper

200 100

173 26.1 5.4 45.4

215 46.6 26.6 66.6



#70

Pentachlorophenol

Concen: 102.182 ng

RT: 11.145 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

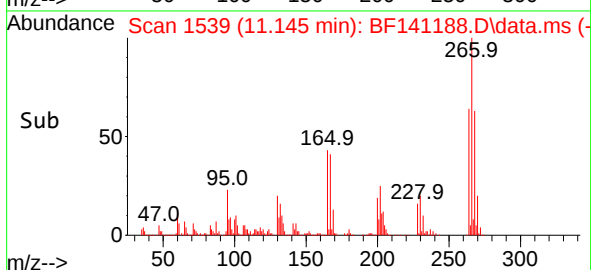
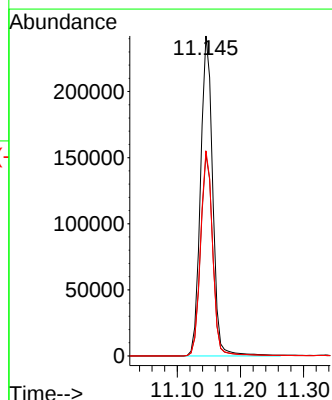
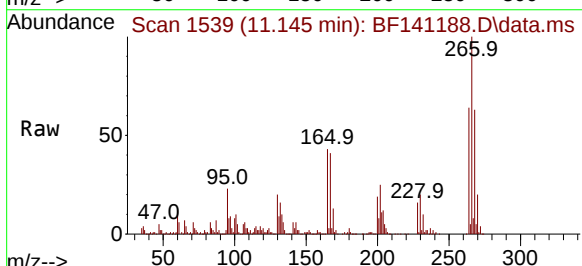
Tgt Ion:266 Resp: 323447

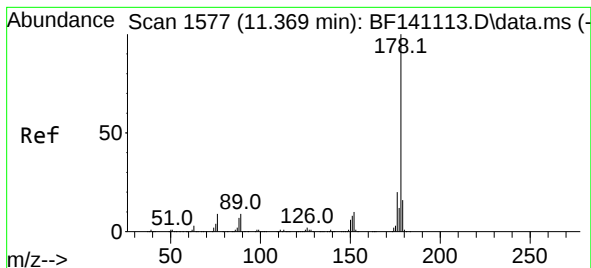
Ion Ratio Lower Upper

266 100

268 63.0 50.4 75.6

264 64.1 50.2 75.2





#71

Phenanthrene

Concen: 67.084 ng

RT: 11.369 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

Instrument :

BNA_F

ClientSampleId :

72-11938MSD

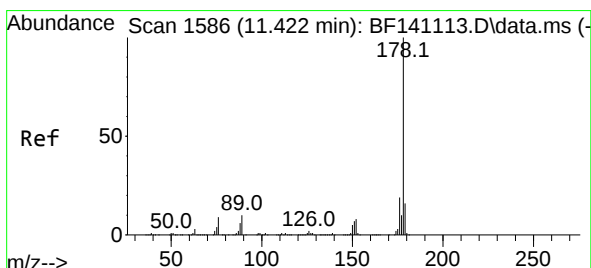
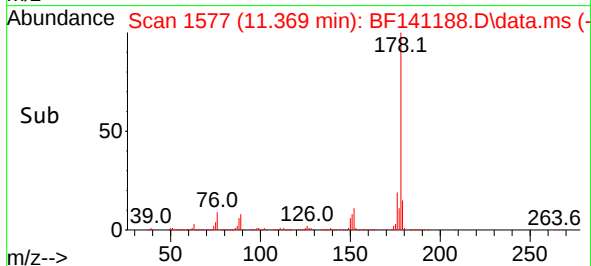
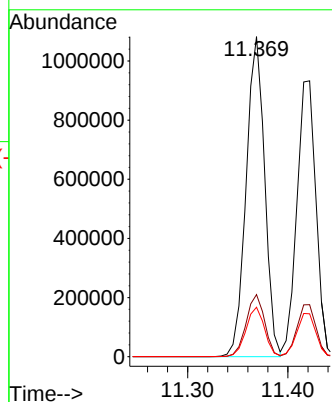
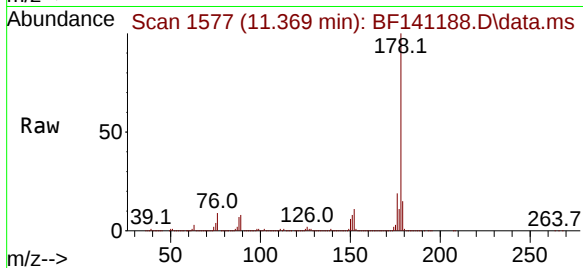
Tgt Ion:178 Resp: 1389020

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

179 15.5 12.6 19.0



#72

Anthracene

Concen: 61.052 ng

RT: 11.422 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

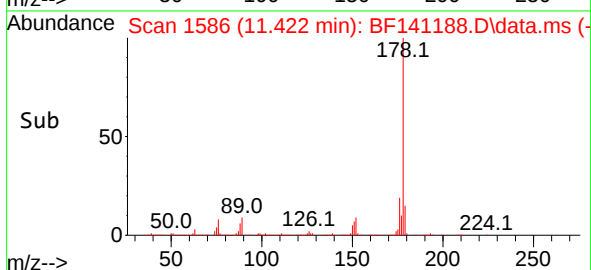
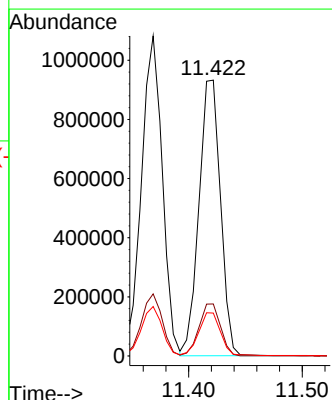
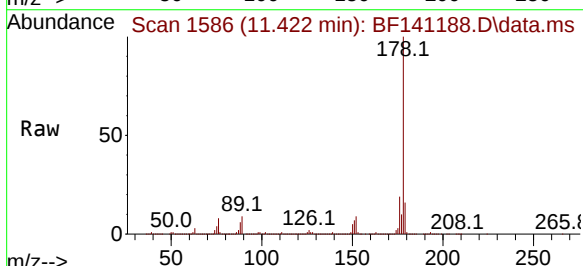
Tgt Ion:178 Resp: 1229156

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 15.5 12.6 19.0

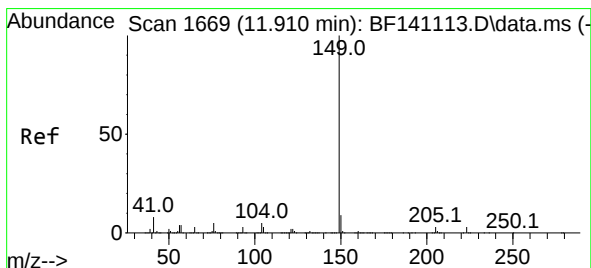
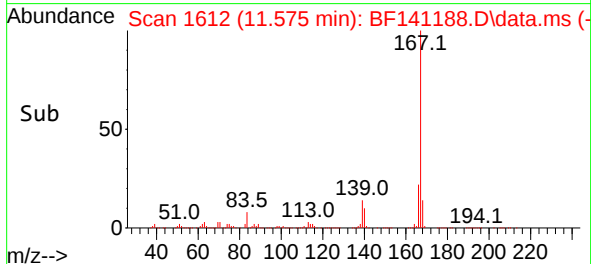
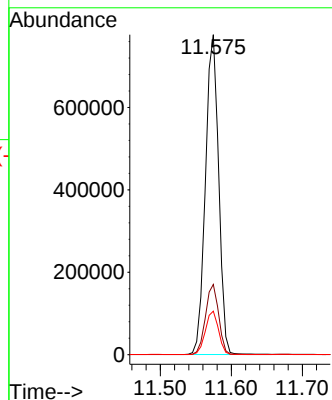
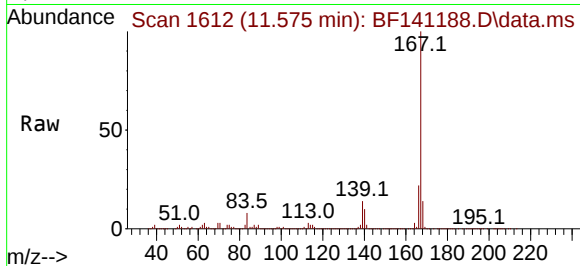




#73
 Carbazole
 Concen: 54.511 ng
 RT: 11.575 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF141188.D
 Acq: 16 Jan 2025 16:32

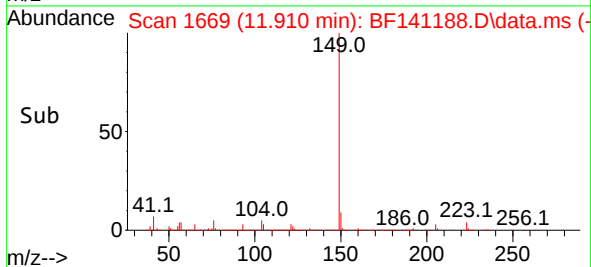
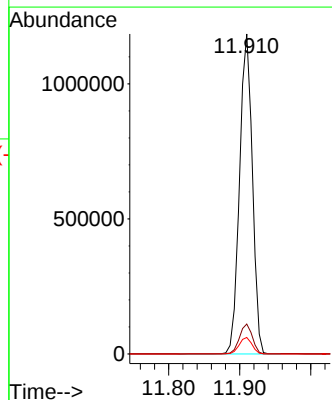
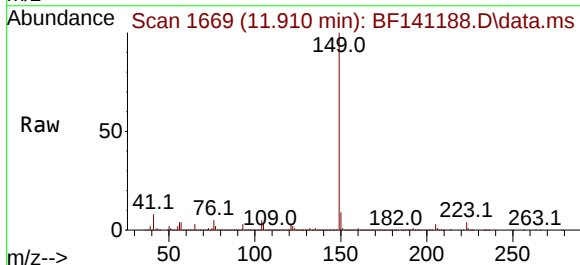
Instrument :
 BNA_F
 ClientSampleId :
 72-11938MSD

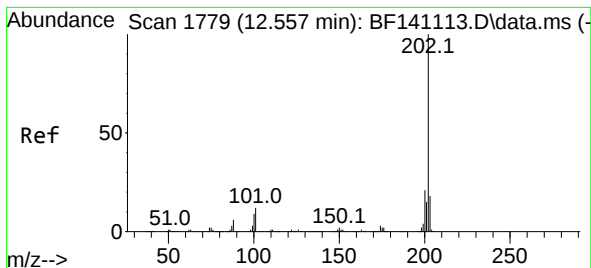
Tgt Ion:167 Resp: 1006307
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 70.427 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. 0.000 min
 Lab File: BF141188.D
 Acq: 16 Jan 2025 16:32

Tgt Ion:149 Resp: 1487904
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 72.507 ng

RT: 12.557 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

Instrument :

BNA_F

ClientSampleId :

72-11938MSD

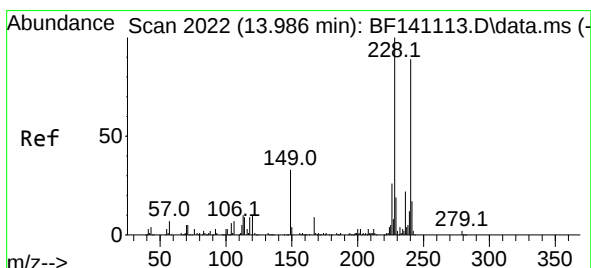
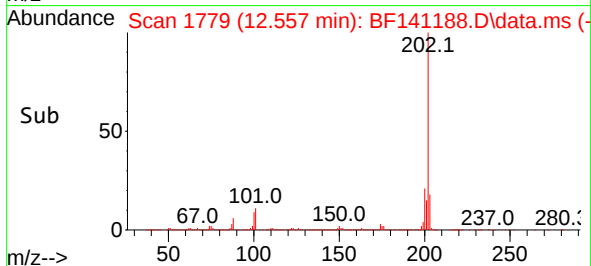
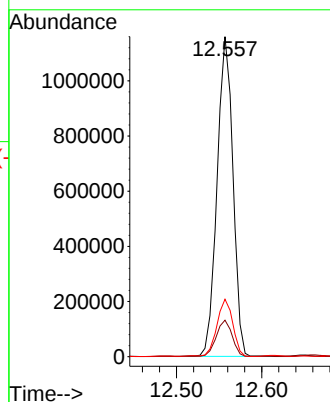
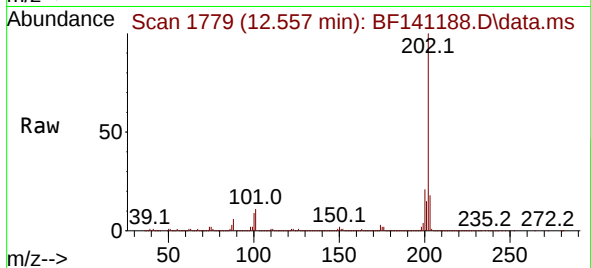
Tgt Ion:202 Resp: 1498157

Ion Ratio Lower Upper

202 100

101 11.4 0.0 32.3

203 18.0 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

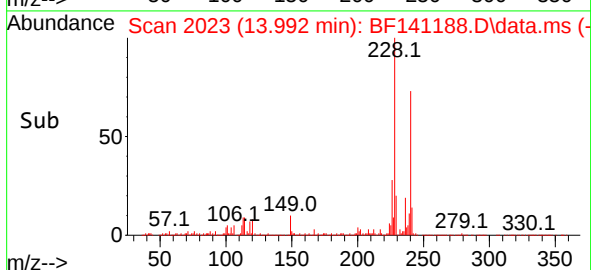
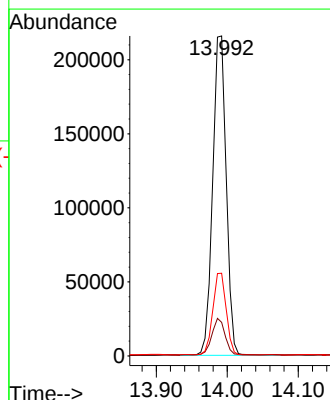
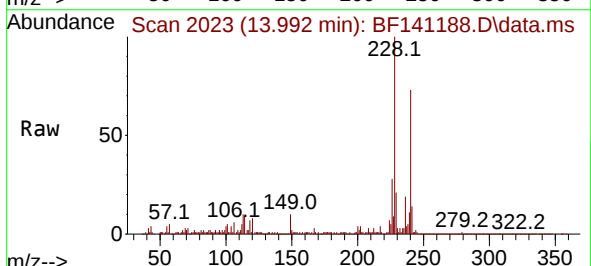
Tgt Ion:240 Resp: 285507

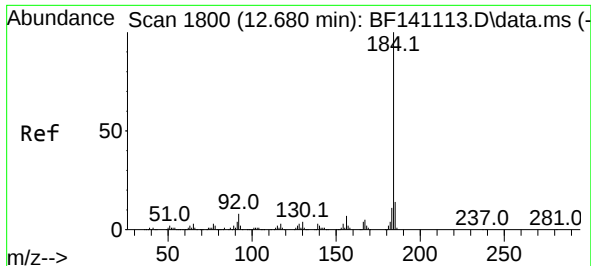
Ion Ratio Lower Upper

240 100

120 10.5 9.1 13.7

236 25.9 19.8 29.6

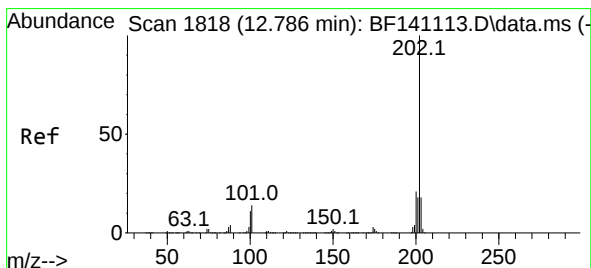
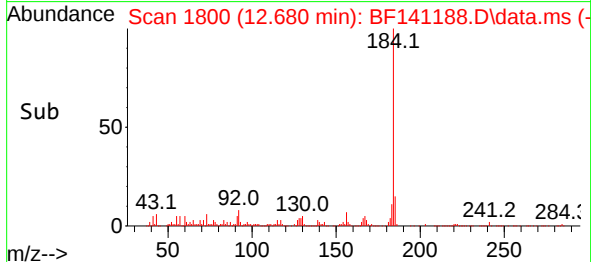
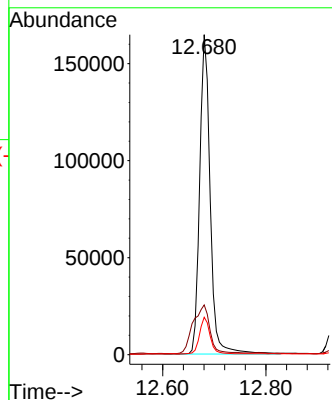
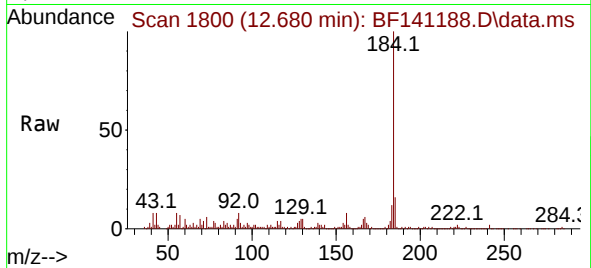




#77
Benzidine
Concen: 43.724 ng
RT: 12.680 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

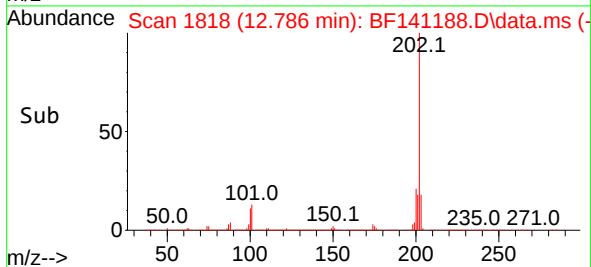
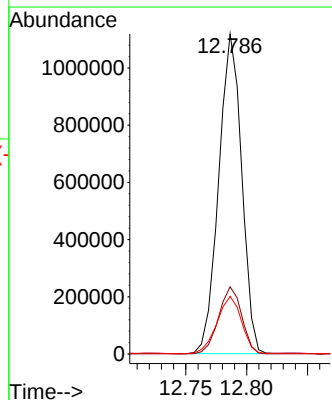
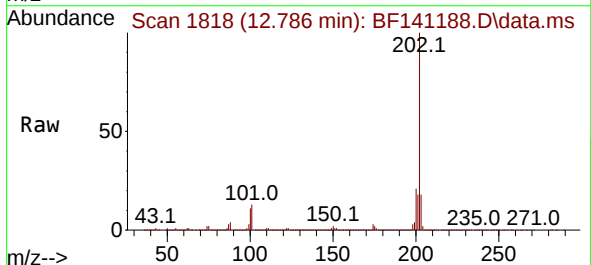
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

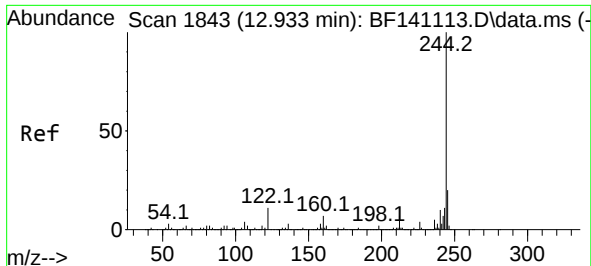
Tgt Ion:184 Resp: 231499
Ion Ratio Lower Upper
184 100
185 15.6 11.4 17.0
183 11.7 9.2 13.8



#78
Pyrene
Concen: 53.847 ng
RT: 12.786 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion:202 Resp: 1468394
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 18.0 14.3 21.5

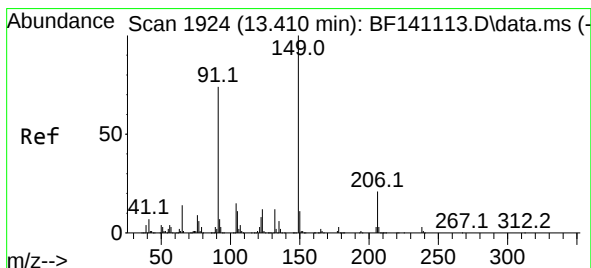
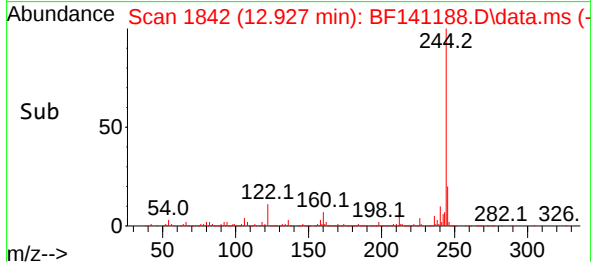
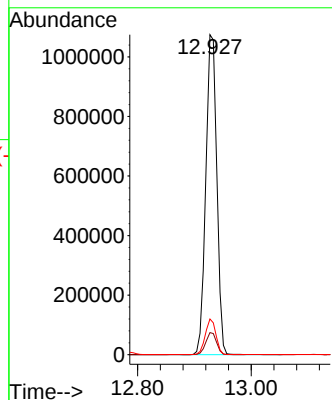
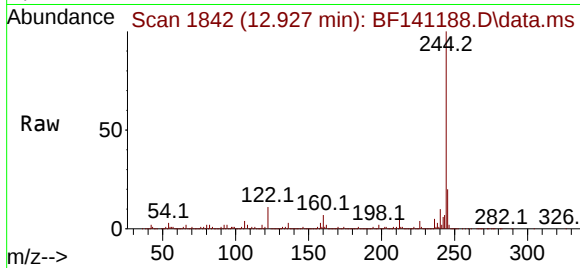




#79
 Terphenyl-d14
 Concen: 74.914 ng
 RT: 12.927 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF141188.D
 Acq: 16 Jan 2025 16:32

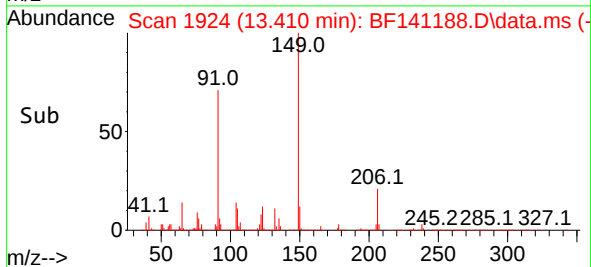
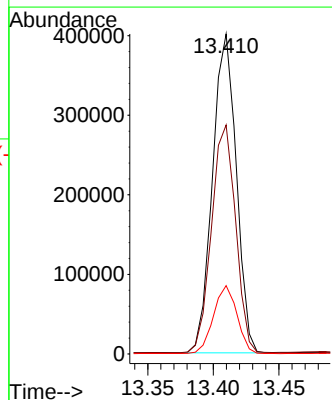
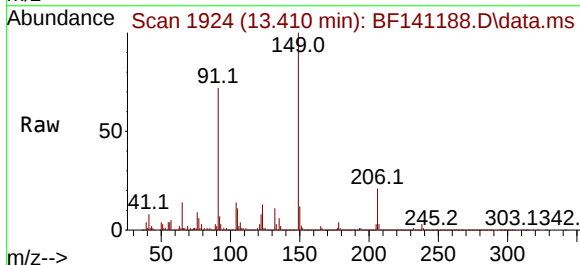
Instrument :
 BNA_F
 ClientSampleId :
 72-11938MSD

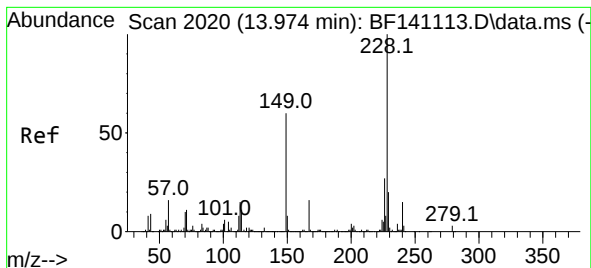
Tgt Ion:244 Resp: 1439030
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.2 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 55.575 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: BF141188.D
 Acq: 16 Jan 2025 16:32

Tgt Ion:149 Resp: 505282
 Ion Ratio Lower Upper
 149 100
 91 71.5 59.0 88.6
 206 21.4 16.5 24.7





#81

Benzo(a)anthracene

Concen: 62.342 ng

RT: 13.980 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

Instrument :

BNA_F

ClientSampleId :

72-11938MSD

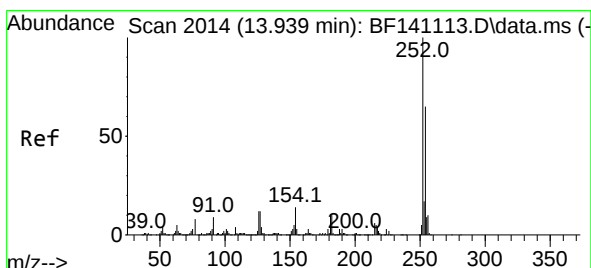
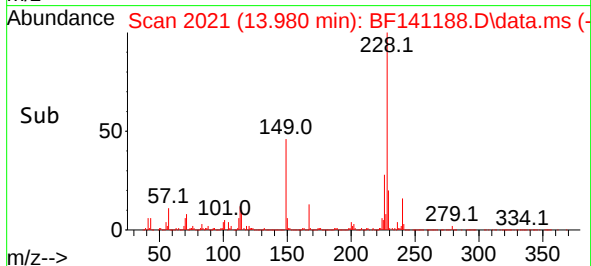
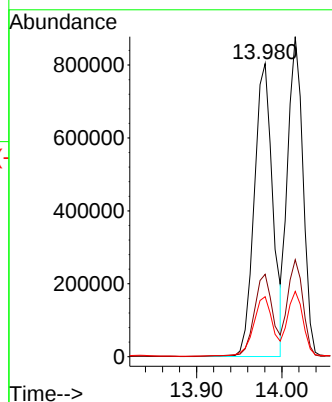
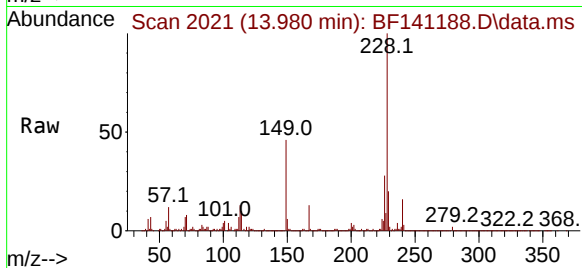
Tgt Ion:228 Resp: 1211337

Ion Ratio Lower Upper

228 100

226 28.1 21.7 32.5

229 20.5 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 43.861 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

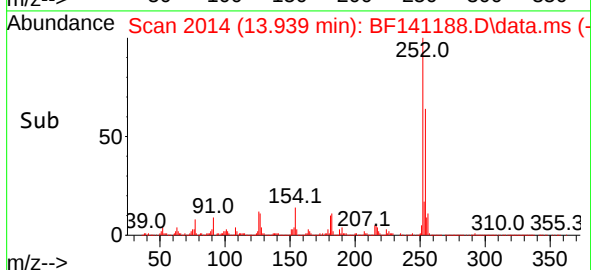
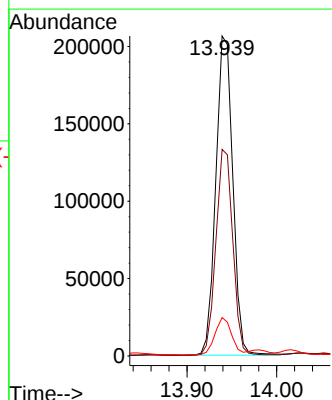
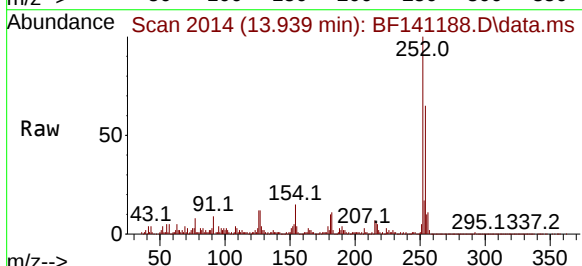
Tgt Ion:252 Resp: 271371

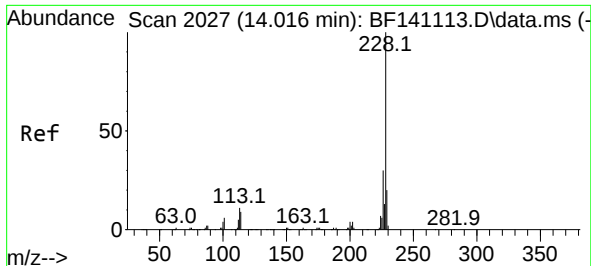
Ion Ratio Lower Upper

252 100

254 64.5 52.0 78.0

126 12.0 9.4 14.0

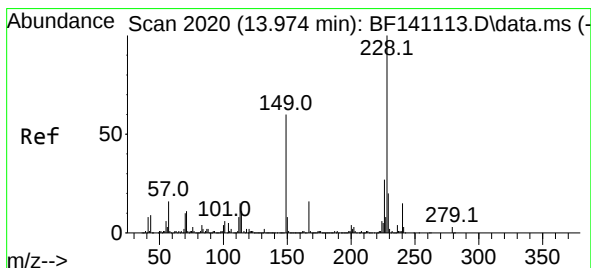
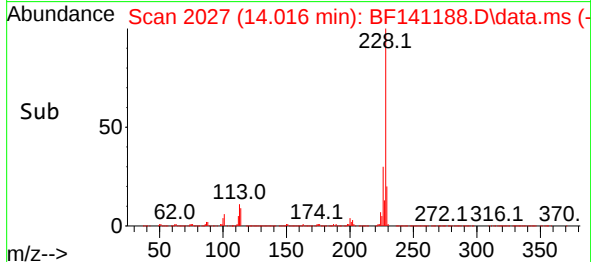
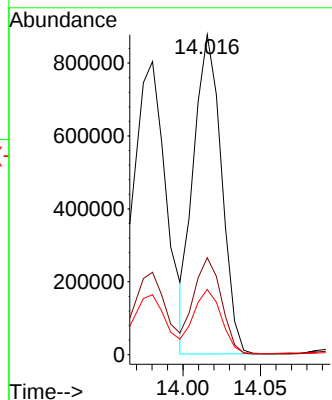
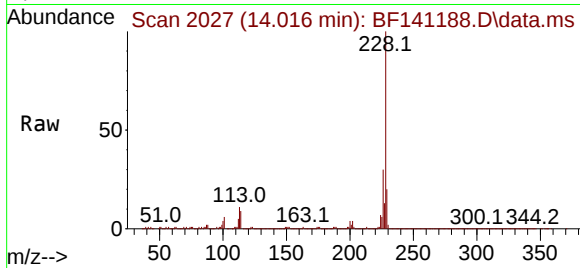




#83
Chrysene
Concen: 60.124 ng
RT: 14.016 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

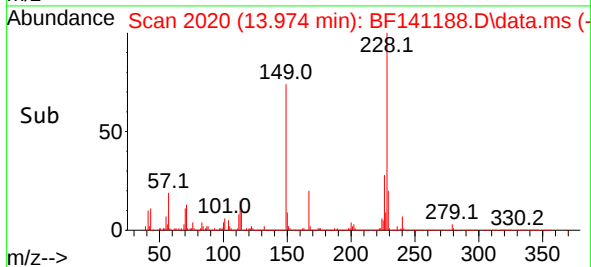
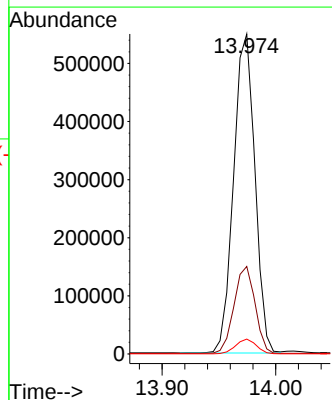
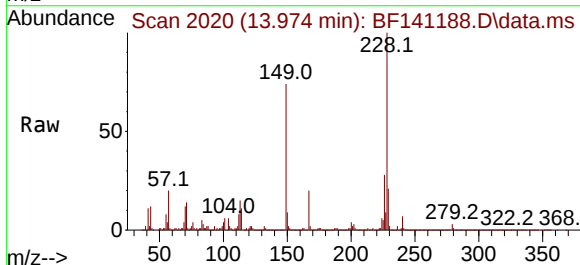
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Tgt Ion:228 Resp: 1093101
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.8
229 20.4 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 65.466 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion:149 Resp: 714160
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: 72.583 ng

RT: 14.598 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

Instrument :

BNA_F

ClientSampleId :

72-11938MSD

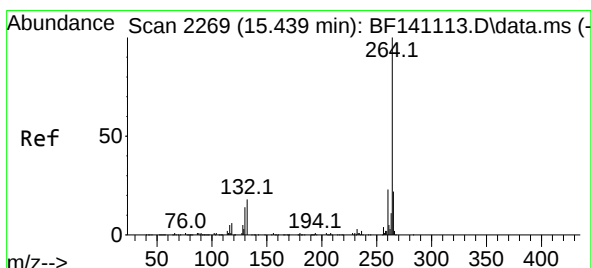
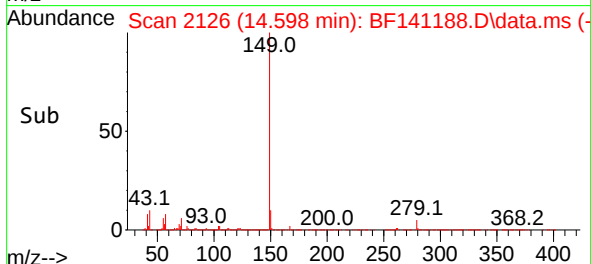
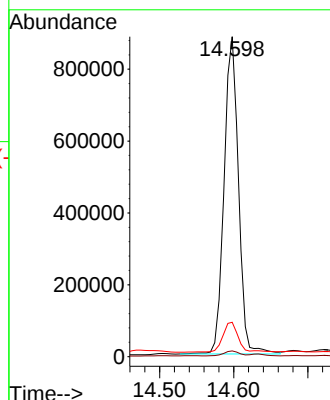
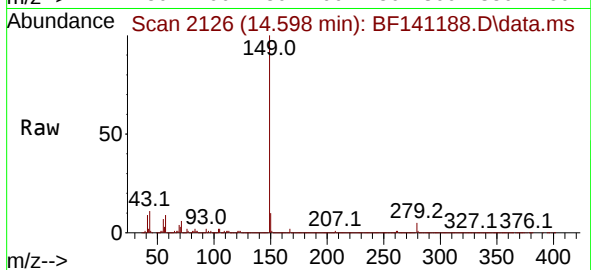
Tgt Ion:149 Resp: 1195678

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.4 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.018 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

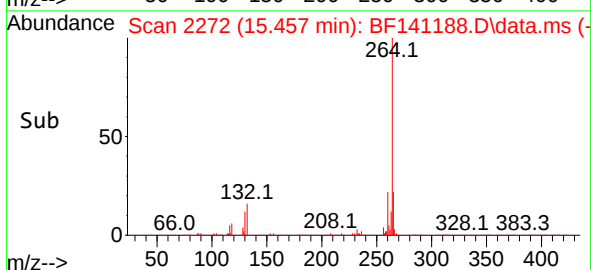
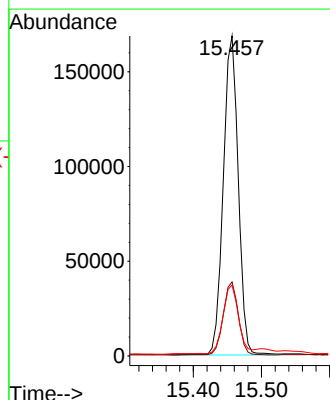
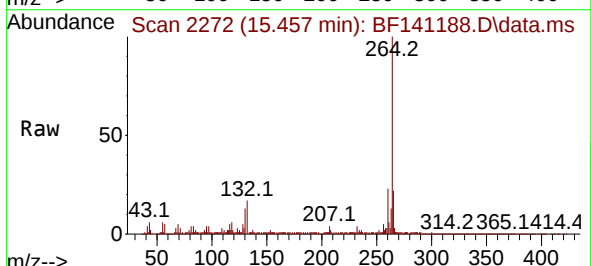
Tgt Ion:264 Resp: 257132

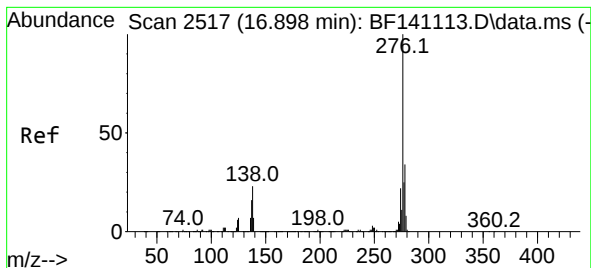
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 22.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.327 ng

RT: 16.915 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

Instrument :

BNA_F

ClientSampleId :

72-11938MSD

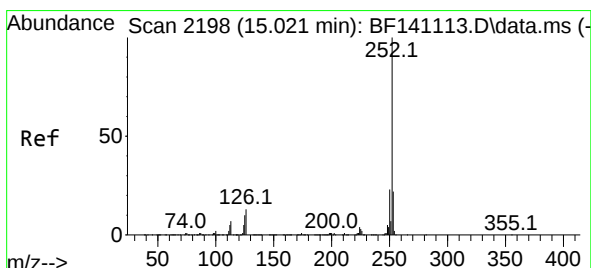
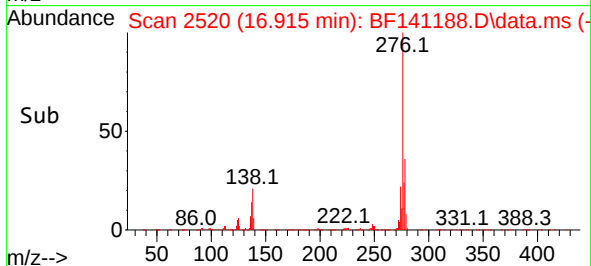
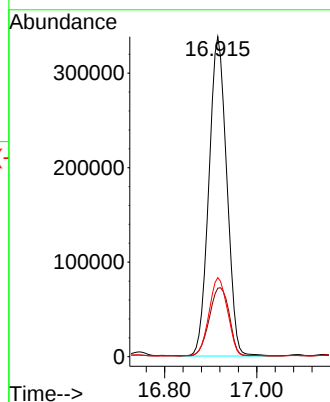
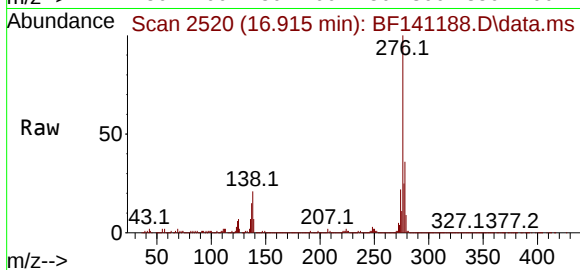
Tgt Ion:276 Resp: 910391

Ion Ratio Lower Upper

276 100

138 23.7 20.7 31.1

277 25.3 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 72.291 ng

RT: 15.033 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

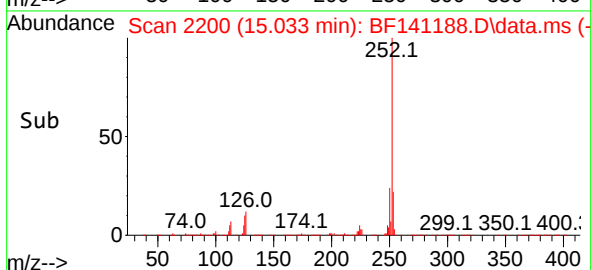
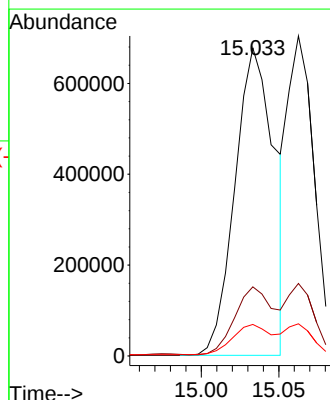
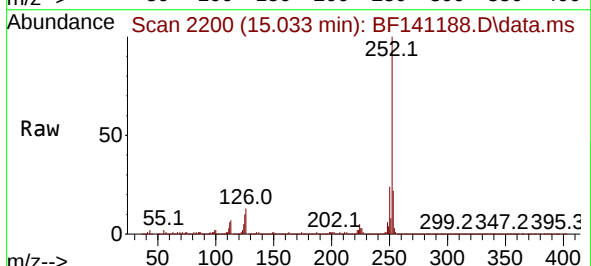
Tgt Ion:252 Resp: 1198638

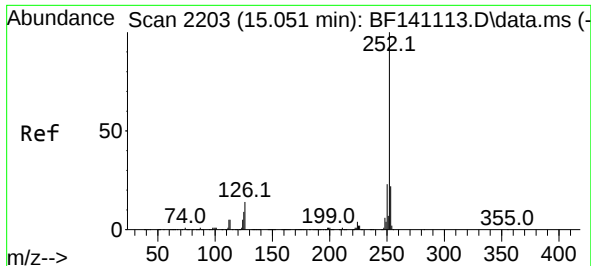
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 10.3 8.1 12.1

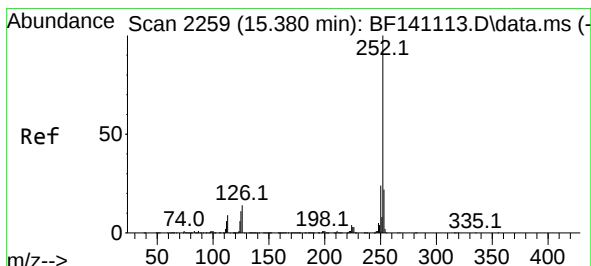
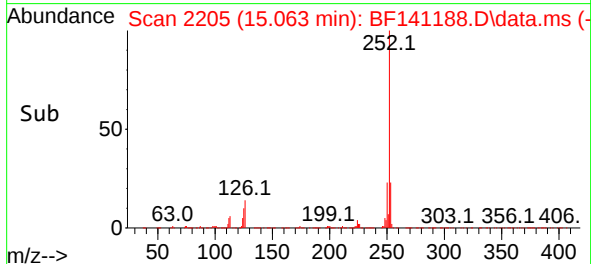
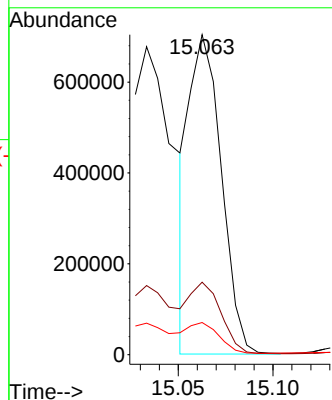
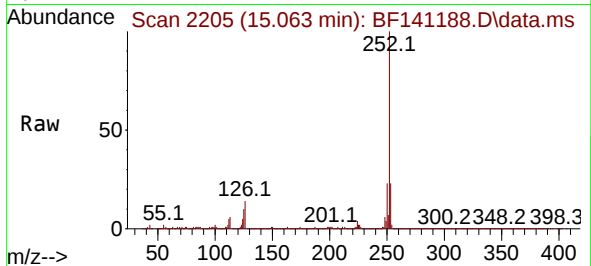




#89
Benzo(k)fluoranthene
Concen: 59.299 ng
RT: 15.063 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

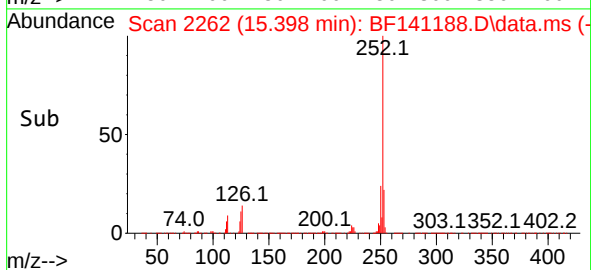
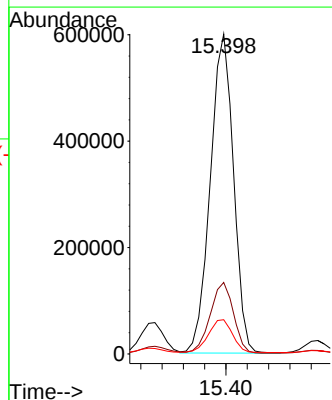
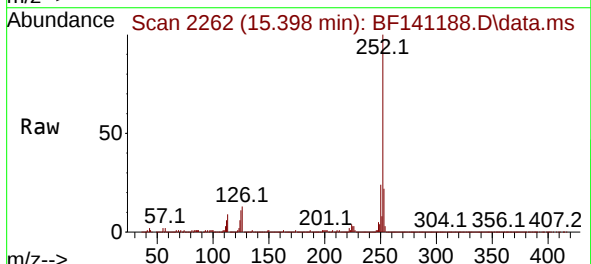
Instrument :
BNA_F
ClientSampleId :
72-11938MSD

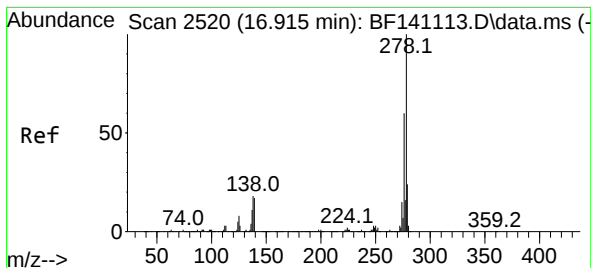
Tgt Ion:252 Resp: 830902
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 10.1 7.9 11.9



#90
Benzo(a)pyrene
Concen: 66.420 ng
RT: 15.398 min Scan# 2262
Delta R.T. 0.018 min
Lab File: BF141188.D
Acq: 16 Jan 2025 16:32

Tgt Ion:252 Resp: 908618
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.7 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 47.427 ng

RT: 16.933 min Scan# 2523

Delta R.T. 0.018 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

Instrument :

BNA_F

ClientSampleId :

72-11938MSD

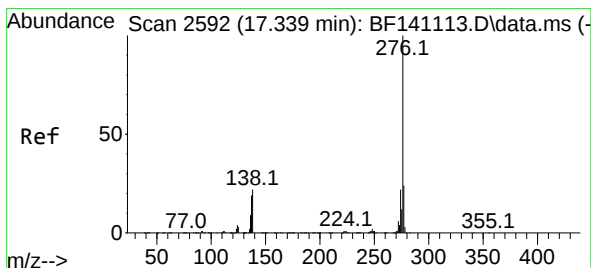
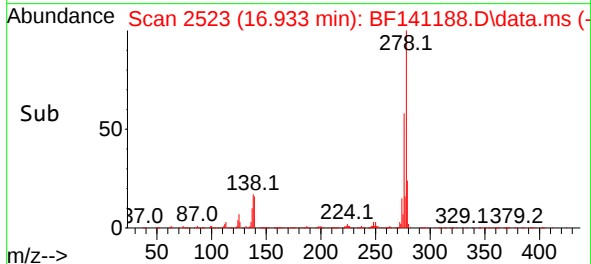
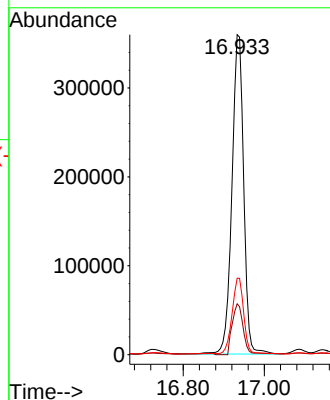
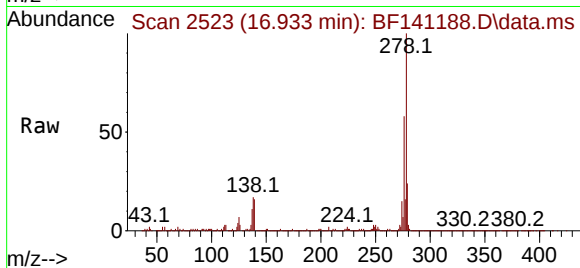
Tgt Ion:278 Resp: 722623

Ion Ratio Lower Upper

278 100

139 15.9 13.8 20.6

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 42.726 ng

RT: 17.357 min Scan# 2595

Delta R.T. 0.018 min

Lab File: BF141188.D

Acq: 16 Jan 2025 16:32

Tgt Ion:276 Resp: 677133

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 20.1 17.4 26.2

