

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141326.D
 Acq On : 31 Jan 2025 12:28
 Operator : RC/JU
 Sample : PB166363BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166363BS

Quant Time: Jan 31 12:58:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	157375	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	639100	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	341634	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	567661	20.000	ng	0.00
76) Chrysene-d12	13.968	240	360251	20.000	ng	0.00
86) Perylene-d12	15.427	264	306952	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1198128	116.878	ng	0.00
7) Phenol-d6	6.434	99	1524170	116.878	ng	0.00
23) Nitrobenzene-d5	7.363	82	984991	81.247	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	392837	125.427	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1711912	77.128	ng	0.00
79) Terphenyl-d14	12.916	244	1923163	82.328	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	161856	35.901	ng	99
3) Pyridine	3.310	79	393522	36.228	ng	99
4) n-Nitrosodimethylamine	3.257	42	237037	38.199	ng	98
6) Aniline	6.463	93	454604	41.182	ng	97
8) 2-Chlorophenol	6.581	128	434676	39.561	ng	98
9) Benzaldehyde	6.351	77	371187	49.140	ng	99
10) Phenol	6.445	94	522357	37.787	ng	90
11) bis(2-Chloroethyl)ether	6.534	93	402104	37.937	ng	99
12) 1,3-Dichlorobenzene	6.739	146	436015	35.991	ng	99
13) 1,4-Dichlorobenzene	6.816	146	440169	36.167	ng	99
14) 1,2-Dichlorobenzene	6.969	146	424389	37.239	ng	98
15) Benzyl Alcohol	6.939	79	366635	41.140	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	733035	39.771	ng	99
17) 2-Methylphenol	7.051	107	354888	39.742	ng	99
18) Hexachloroethane	7.310	117	164916	36.732	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	296992	38.327	ng	96
20) 3+4-Methylphenols	7.204	107	413807	37.741	ng	95
22) Acetophenone	7.210	105	621280	40.897	ng	99
24) Nitrobenzene	7.381	77	449375	35.768	ng	100
25) Isophorone	7.622	82	828323	39.526	ng	99
26) 2-Nitrophenol	7.698	139	226262	38.187	ng	99
27) 2,4-Dimethylphenol	7.734	122	365777	48.501	ng	99
28) bis(2-Chloroethoxy)met...	7.833	93	505927	37.848	ng	99
29) 2,4-Dichlorophenol	7.939	162	349567	37.862	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	368330	34.933	ng	100
31) Naphthalene	8.104	128	1216274	36.025	ng	100
32) Benzoic acid	7.857	122	302716	43.663	ng	99
33) 4-Chloroaniline	8.151	127	164703	14.386	ng	98
34) Hexachlorobutadiene	8.222	225	217527	35.179	ng	99
35) Caprolactam	8.522	113	86597	28.719	ng	99
36) 4-Chloro-3-methylphenol	8.633	107	388117	39.190	ng	97
37) 2-Methylnaphthalene	8.792	142	768048	35.792	ng	99
38) 1-Methylnaphthalene	8.892	142	759228	36.018	ng	99
40) 1,2,4,5-Tetrachloroben...	8.963	216	388845	40.008	ng	98
41) Hexachlorocyclopentadiene	8.945	237	451802	157.404	ng	100
43) 2,4,6-Trichlorophenol	9.075	196	249335	39.194	ng	100

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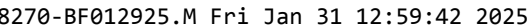
Instrument :
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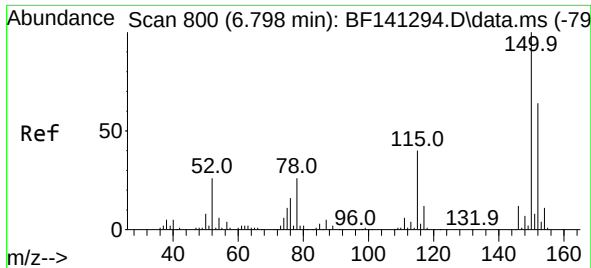
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	259595	37.493	ng	98
46) 1,1'-Biphenyl	9.257	154	1087669	40.823	ng	99
47) 2-Chloronaphthalene	9.286	162	745432	35.895	ng	98
48) 2-Nitroaniline	9.380	65	254788	39.006	ng	99
49) Acenaphthylene	9.698	152	1166625	40.131	ng	100
50) Dimethylphthalate	9.563	163	886423	38.417	ng	99
51) 2,6-Dinitrotoluene	9.622	165	200607	37.444	ng	99
52) Acenaphthene	9.875	154	871464	41.962	ng	99
53) 3-Nitroaniline	9.792	138	107700	20.511	ng	100
54) 2,4-Dinitrophenol	9.898	184	233111	93.602	ng	95
55) Dibenzofuran	10.045	168	1049171	37.742	ng	99
56) 4-Nitrophenol	9.957	139	337626	87.919	ng	99
57) 2,4-Dinitrotoluene	10.027	165	275815	39.763	ng	98
58) Fluorene	10.386	166	799362	37.071	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	224854	41.280	ng	99
60) Diethylphthalate	10.263	149	857103	38.310	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	381746	36.243	ng	99
62) 4-Nitroaniline	10.410	138	203068	39.336	ng	99
63) Azobenzene	10.539	77	875236	39.082	ng	100
65) 4,6-Dinitro-2-methylph...	10.439	198	154237	45.935	ng	97
66) n-Nitrosodiphenylamine	10.498	169	730726	39.799	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	251332	39.548	ng	98
68) Hexachlorobenzene	10.933	284	262205	38.896	ng	99
69) Atrazine	11.027	200	281085	45.789	ng	99
70) Pentachlorophenol	11.127	266	332283	84.175	ng	99
71) Phenanthrene	11.351	178	1227588	40.230	ng	100
72) Anthracene	11.404	178	1253177	41.915	ng	100
73) Carbazole	11.557	167	1085415	40.941	ng	99
74) Di-n-butylphthalate	11.892	149	1338697	41.666	ng	100
75) Fluoranthene	12.539	202	1243504	41.272	ng	99
77) Benzidine	12.663	184	666846	57.740	ng	100
78) Pyrene	12.768	202	1267965	36.667	ng	100
80) Butylbenzylphthalate	13.392	149	522487	43.249	ng	100
81) Benzo(a)anthracene	13.957	228	916653	36.874	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	147134	18.609	ng	99
83) Chrysene	13.998	228	912171	40.038	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	631697	41.219	ng	99
85) Di-n-octyl phthalate	14.574	149	1001969	42.094	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	815928	41.185	ng	99
88) Benzo(b)fluoranthene	15.010	252	777569	40.272	ng	100
89) Benzo(k)fluoranthene	15.039	252	754365	44.103	ng	100
90) Benzo(a)pyrene	15.368	252	713591	43.735	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	650927	40.839	ng	100
92) Benzo(g,h,i)perylene	17.315	276	637520	38.467	ng	99

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

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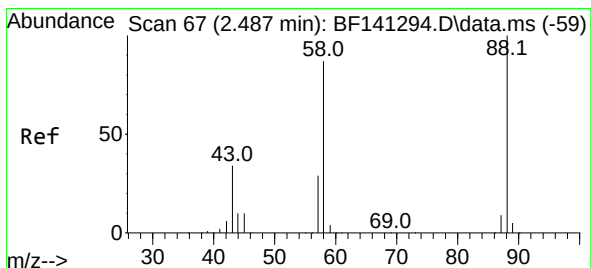
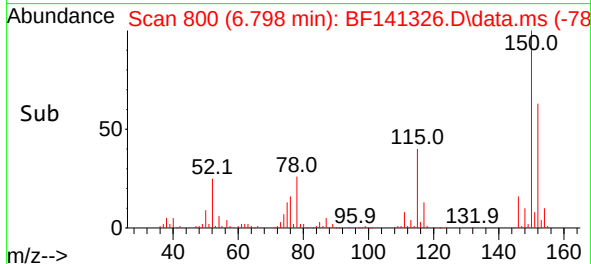
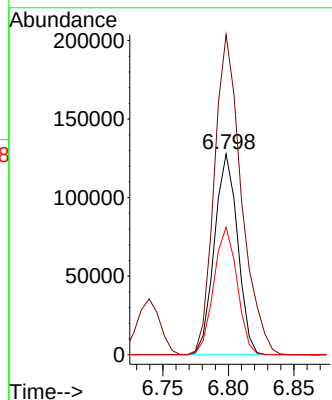
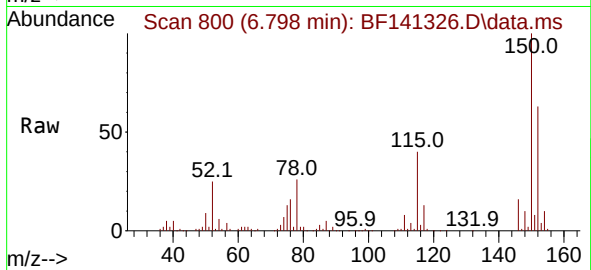




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF141326.D
 Acq: 31 Jan 2025 12:28

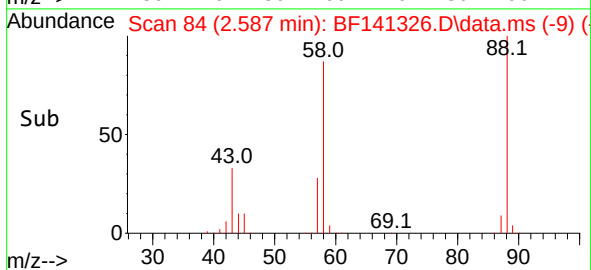
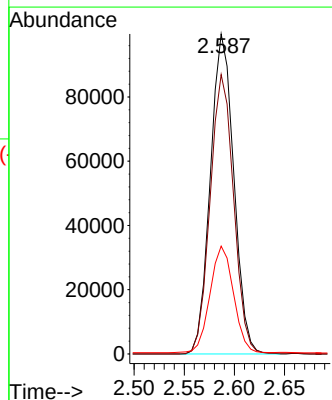
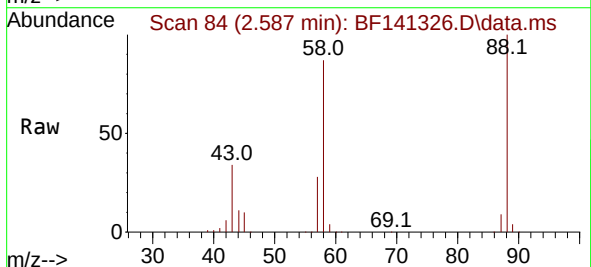
Instrument :
 BNA_F
 ClientSampleId :
 PB166363BS

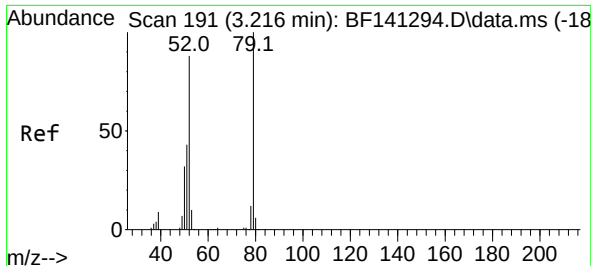
Tgt Ion:152 Resp: 157375
 Ion Ratio Lower Upper
 152 100
 150 159.5 125.9 188.9
 115 63.6 49.7 74.5



#2
 1,4-Dioxane
 Concen: 35.901 ng
 RT: 2.587 min Scan# 84
 Delta R.T. 0.094 min
 Lab File: BF141326.D
 Acq: 31 Jan 2025 12:28

Tgt Ion: 88 Resp: 161856
 Ion Ratio Lower Upper
 88 100
 58 87.6 70.2 105.4
 43 33.3 27.6 41.4





#3

Pyridine

Concen: 36.228 ng

RT: 3.310 min Scan# 20

Delta R.T. 0.082 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

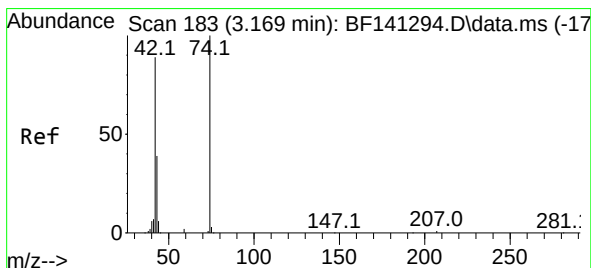
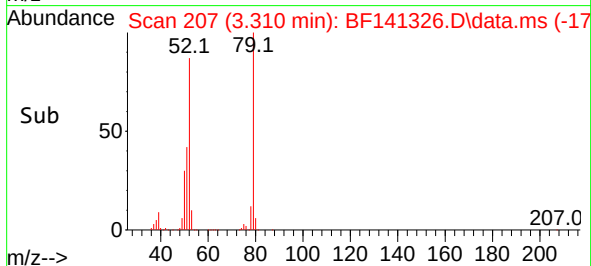
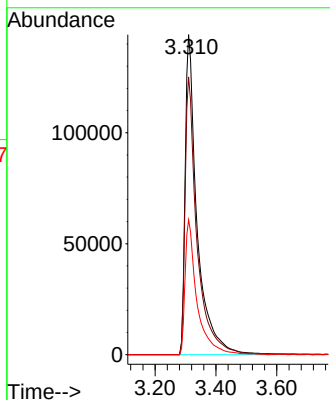
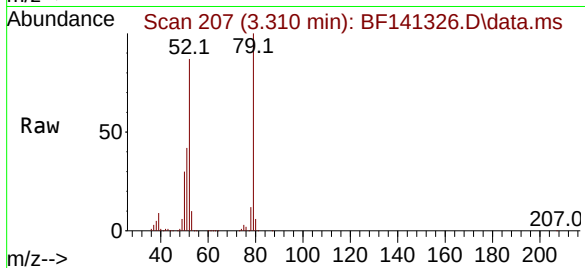
Tgt Ion: 79 Resp: 393522

Ion Ratio Lower Upper

79 100

52 86.8 70.3 105.5

51 42.1 34.3 51.5



#4

n-Nitrosodimethylamine

Concen: 38.199 ng

RT: 3.257 min Scan# 198

Delta R.T. 0.059 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

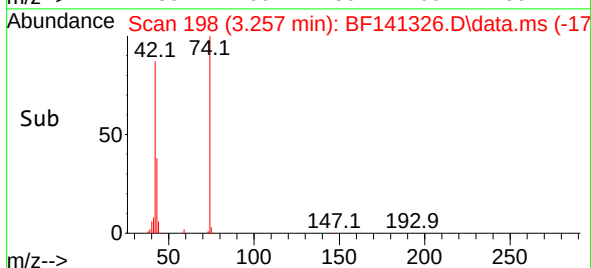
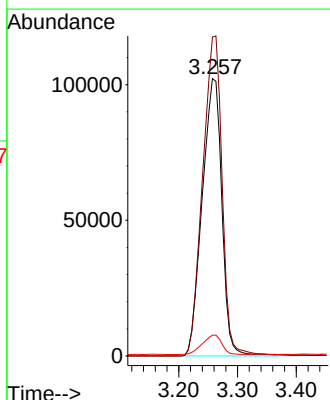
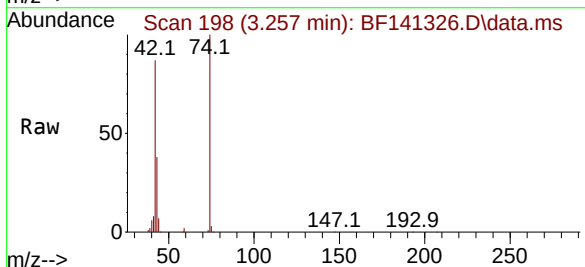
Tgt Ion: 42 Resp: 237037

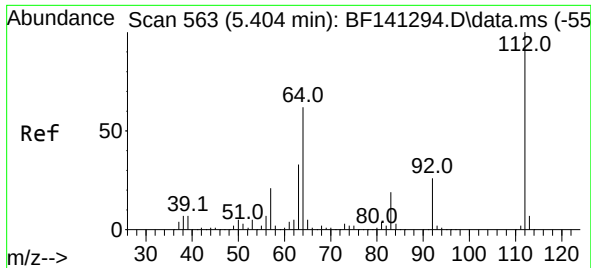
Ion Ratio Lower Upper

42 100

74 114.9 90.3 135.5

44 7.5 5.7 8.5

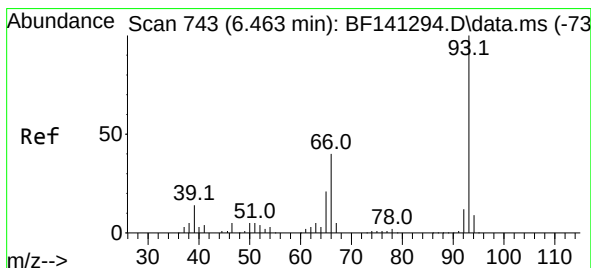
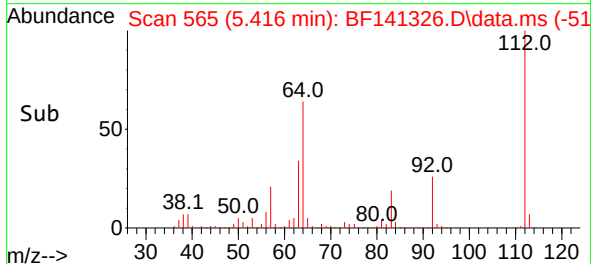
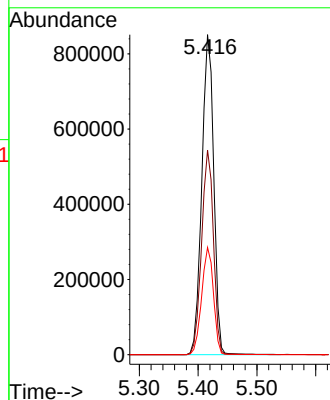
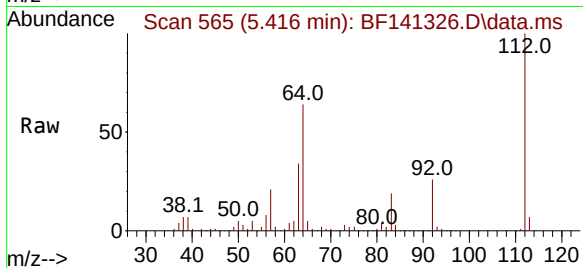




#5
2-Fluorophenol
Concen: 116.878 ng
RT: 5.416 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

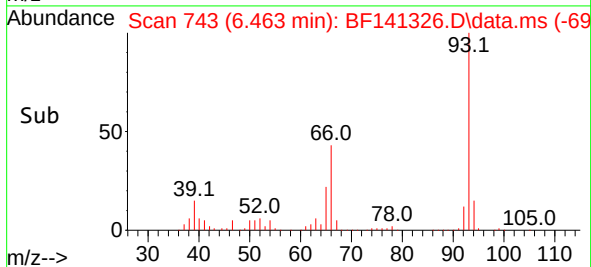
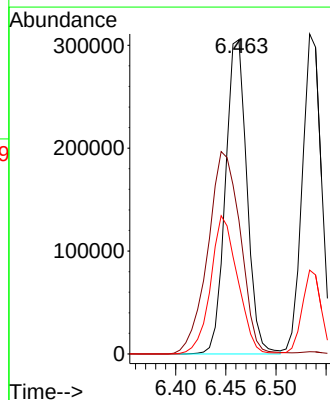
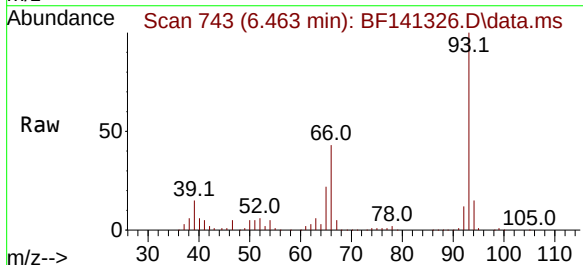
Instrument :
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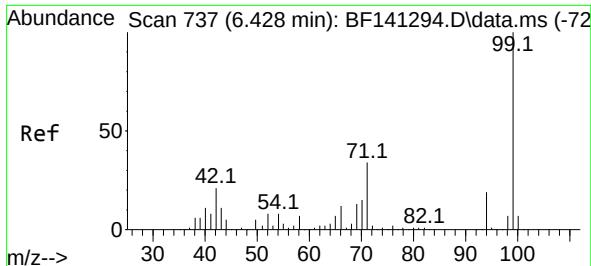
Tgt Ion:112 Resp: 1198128
Ion Ratio Lower Upper
112 100
64 64.0 49.8 74.8
63 33.5 26.1 39.1



#6
Aniline
Concen: 41.182 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 93 Resp: 454604
Ion Ratio Lower Upper
93 100
66 42.6 32.5 48.7
65 22.3 17.0 25.6





#7

Phenol-d6

Concen: 116.878 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

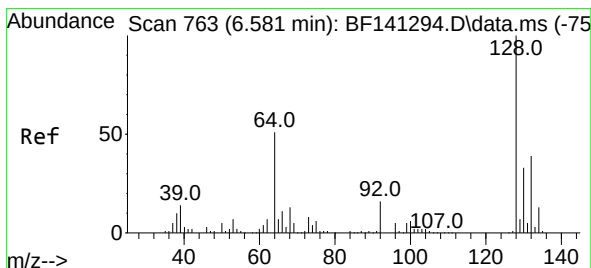
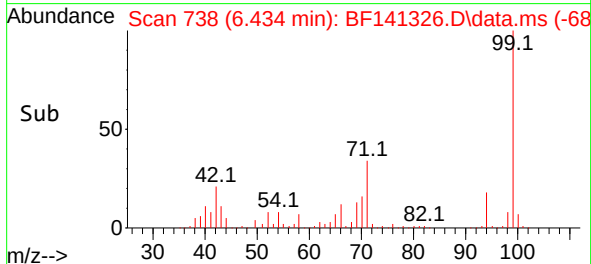
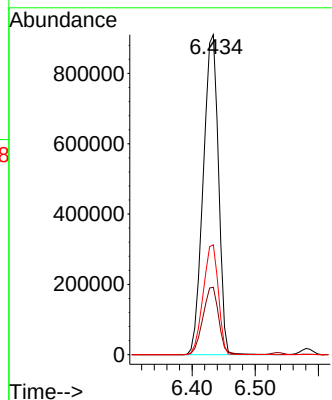
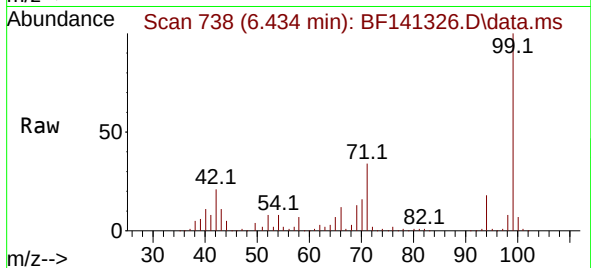
BNA_F

ClientSampleId :

PB166363BS

Tgt Ion: 99 Resp: 1524170

Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.1	25.7
71	34.3	26.9	40.3



#8

2-Chlorophenol

Concen: 39.561 ng

RT: 6.581 min Scan# 763

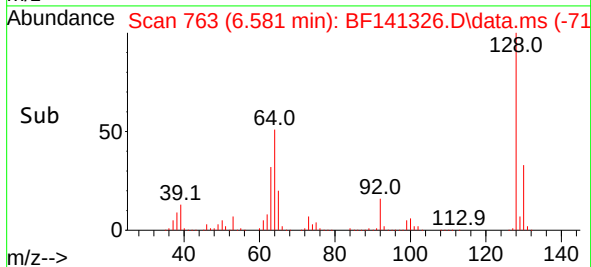
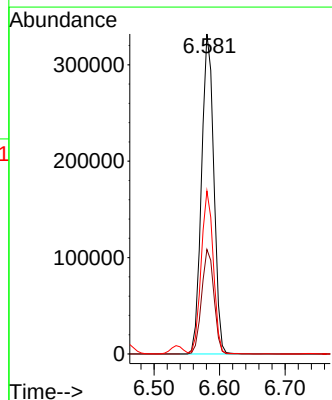
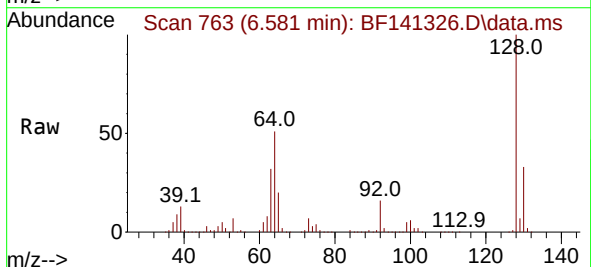
Delta R.T. -0.012 min

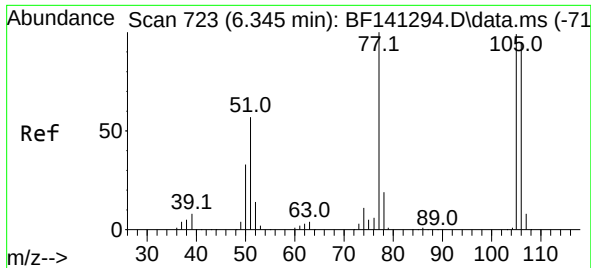
Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Tgt Ion:128 Resp: 434676

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.5	52.5
64	51.0	32.9	72.9





#9

Benzaldehyde

Concen: 49.140 ng

RT: 6.351 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

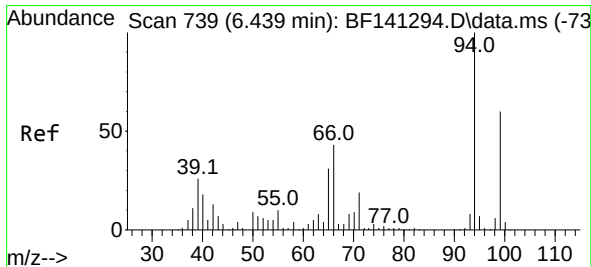
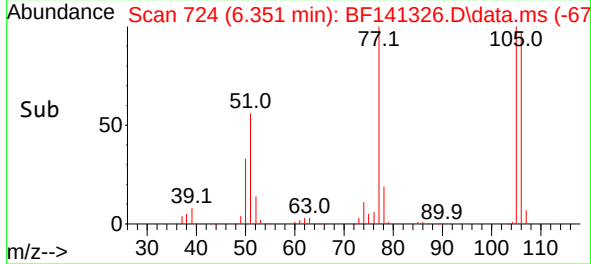
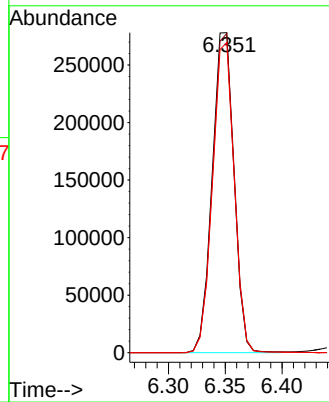
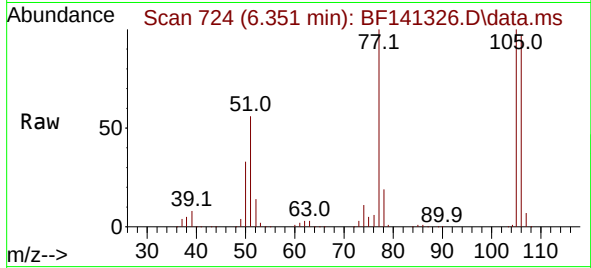
Tgt Ion: 77 Resp: 371187

Ion Ratio Lower Upper

77 100

105 99.7 79.4 119.4

106 96.9 74.6 114.6



#10

Phenol

Concen: 37.787 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

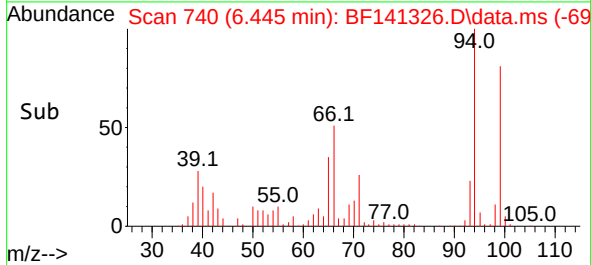
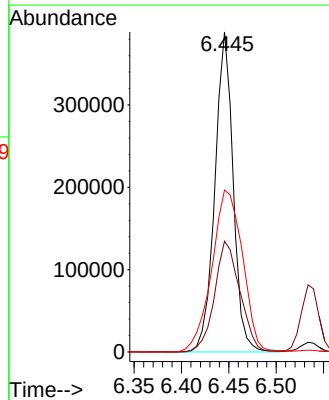
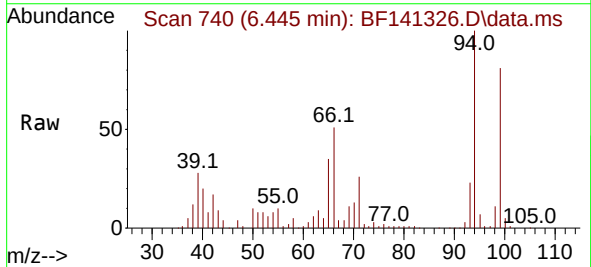
Tgt Ion: 94 Resp: 522357

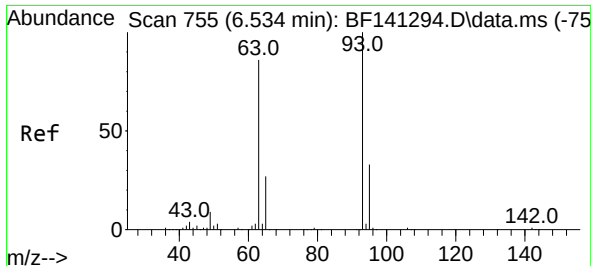
Ion Ratio Lower Upper

94 100

65 34.6 10.8 50.8

66 50.6 23.3 63.3





#11

bis(2-Chloroethyl)ether

Concen: 37.937 ng

RT: 6.534 min Scan# 755

Delta R.T. -0.012 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

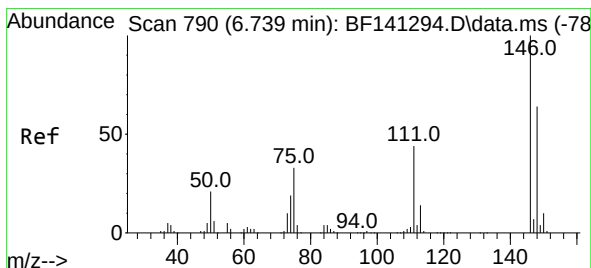
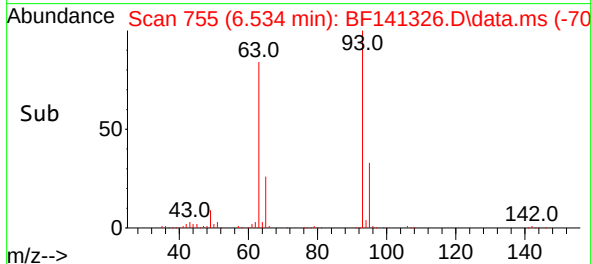
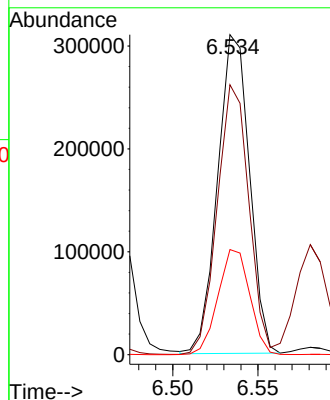
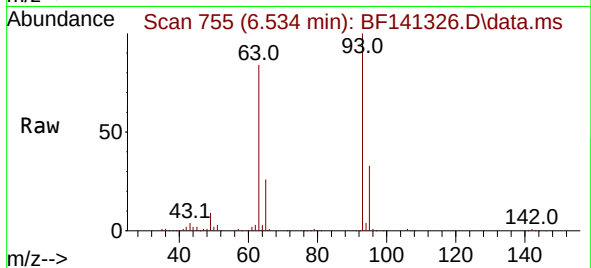
BNA_F

ClientSampleId :

PB166363BS

Tgt Ion: 93 Resp: 402104

Ion	Ratio	Lower	Upper
93	100		
63	84.4	65.0	105.0
95	32.8	12.4	52.4



#12

1,3-Dichlorobenzene

Concen: 35.991 ng

RT: 6.739 min Scan# 790

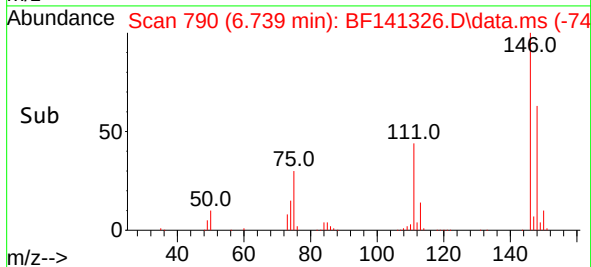
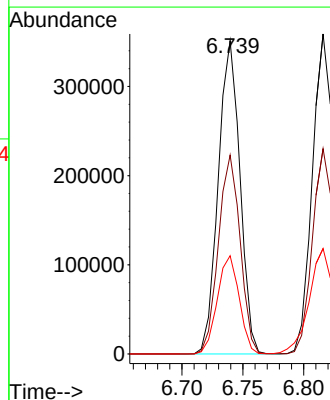
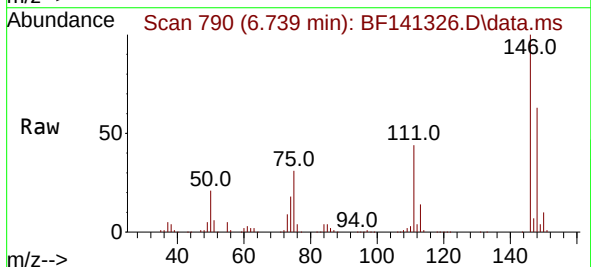
Delta R.T. -0.006 min

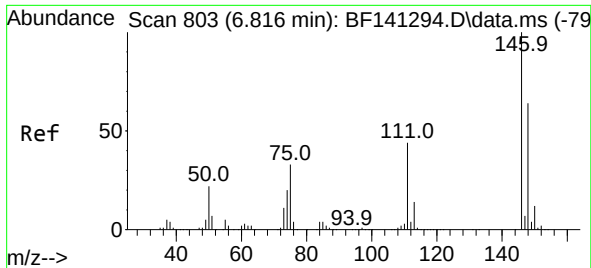
Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Tgt Ion: 146 Resp: 436015

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.2	76.8
75	31.4	26.2	39.4

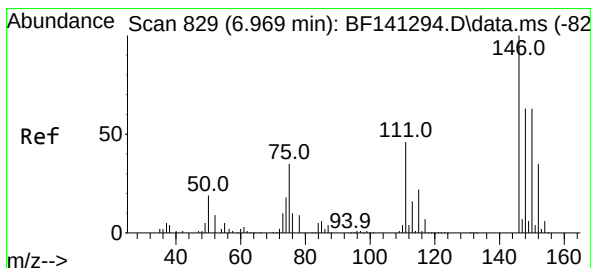
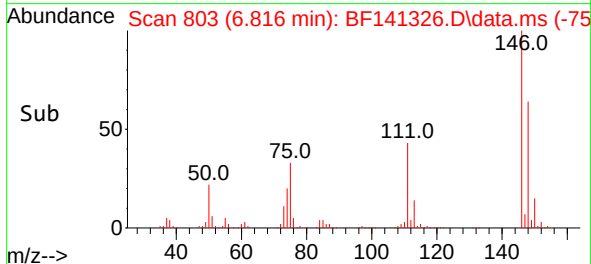
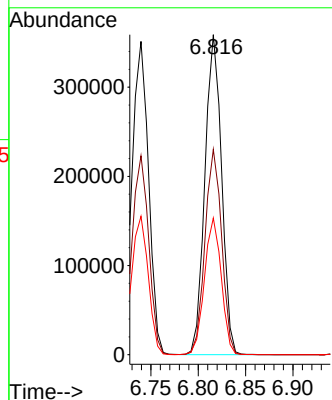
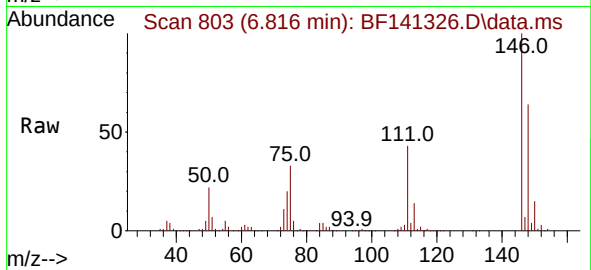




#13
1,4-Dichlorobenzene
Concen: 36.167 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

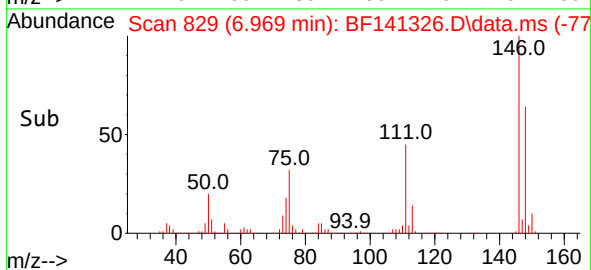
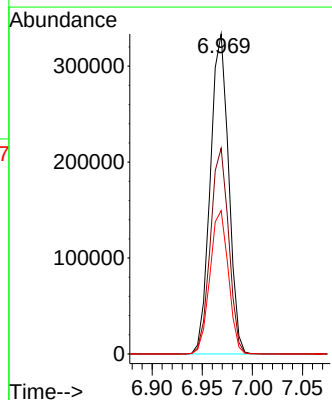
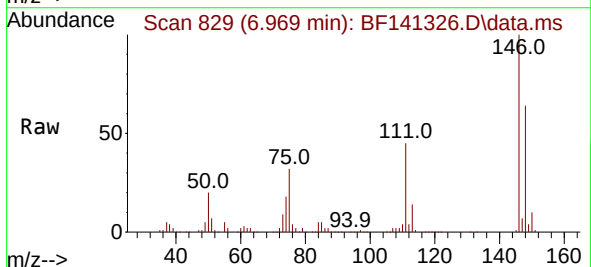
Instrument :
BNA_F
ClientSampleId :
PB166363BS

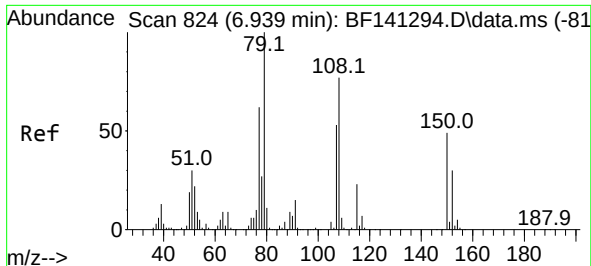
Tgt Ion:146 Resp: 440169
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
111 42.7 35.0 52.4



#14
1,2-Dichlorobenzene
Concen: 37.239 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:146 Resp: 424389
Ion Ratio Lower Upper
146 100
148 64.3 50.5 75.7
111 44.8 36.6 55.0

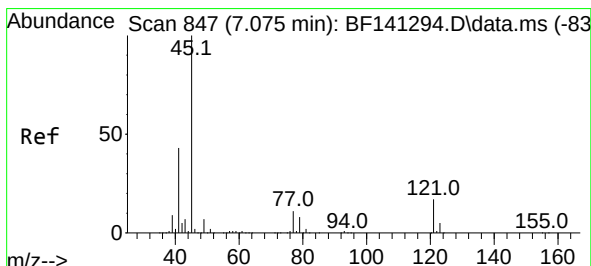
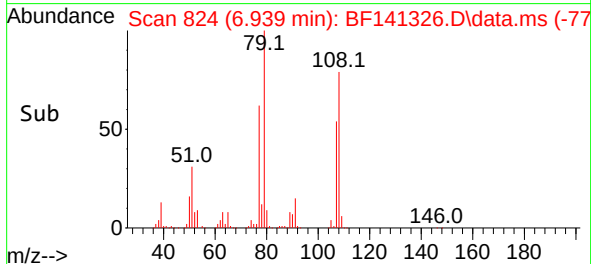
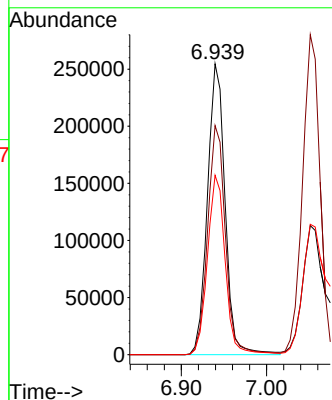
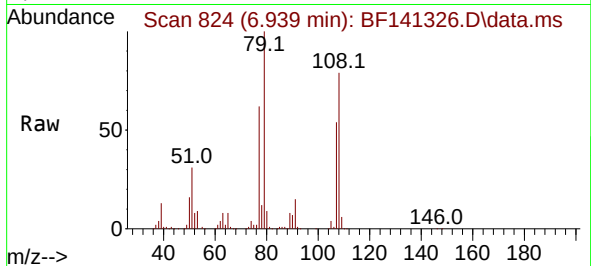




#15
Benzyl Alcohol
Concen: 41.140 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

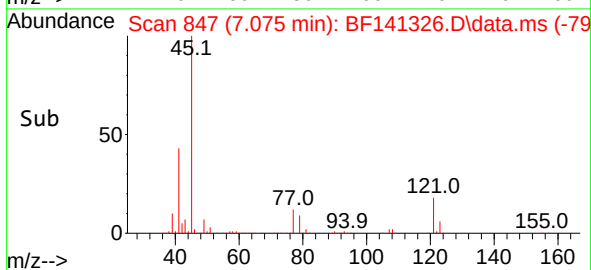
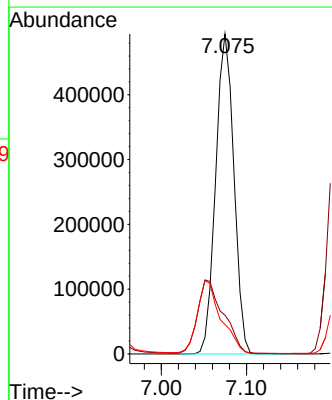
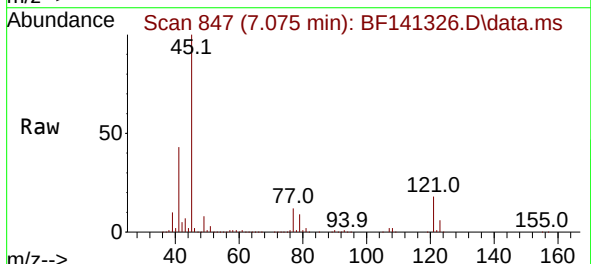
Instrument :
BNA_F
ClientSampleId :
PB166363BS

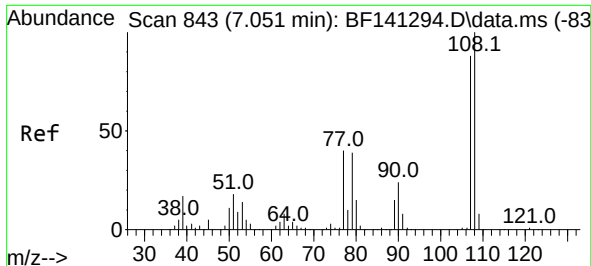
Tgt Ion: 79 Resp: 366635
Ion Ratio Lower Upper
79 100
108 78.8 61.4 92.0
77 61.7 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.771 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 45 Resp: 733035
Ion Ratio Lower Upper
45 100
77 12.1 0.0 31.8
79 9.2 0.0 29.1



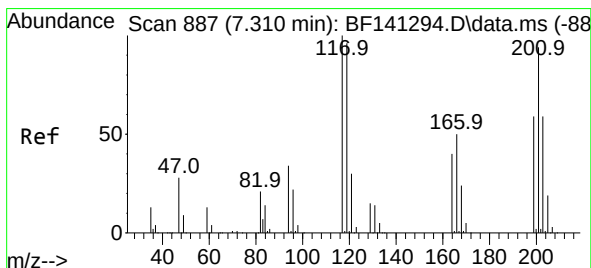
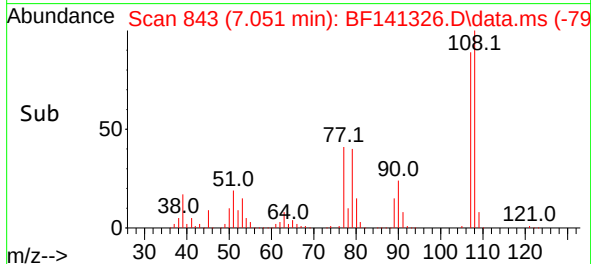
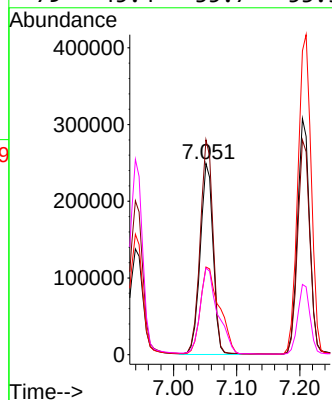
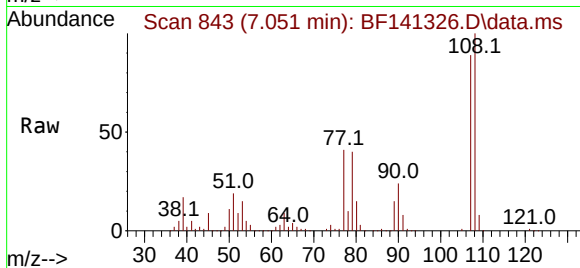


#17
2-Methylphenol
Concen: 39.742 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:107 Resp: 354888

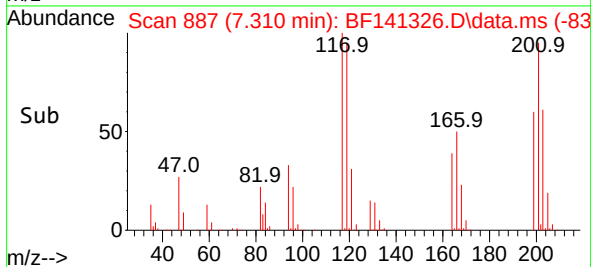
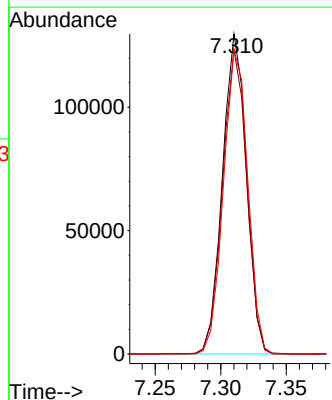
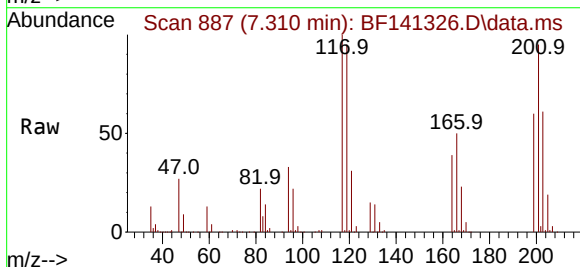
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.8	136.2
77	45.8	36.2	54.4
79	45.4	35.7	53.5

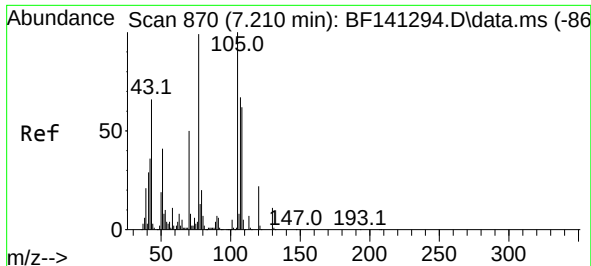


#18
Hexachloroethane
Concen: 36.732 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:117 Resp: 164916

Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.6	114.8
201	95.1	74.8	112.2

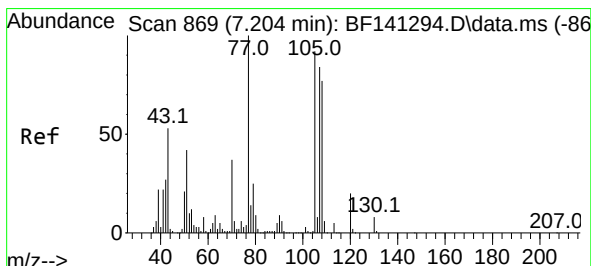
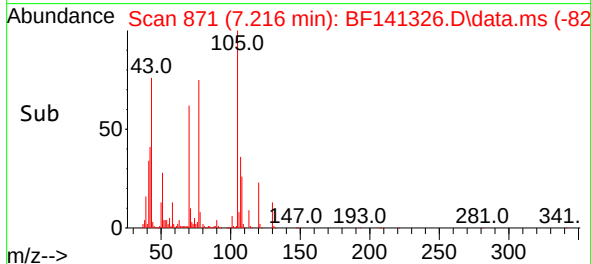
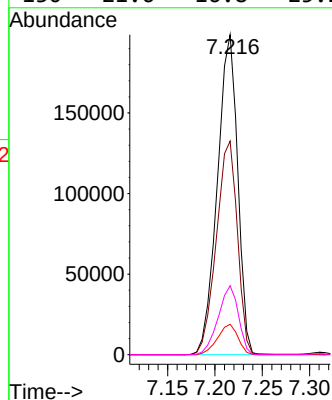
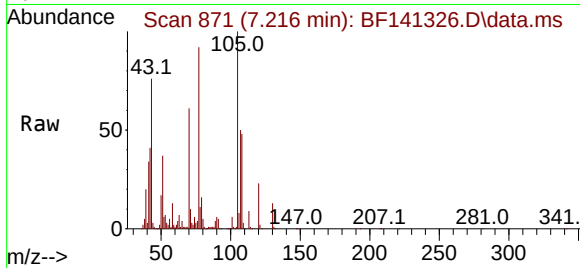




#19
n-Nitroso-di-n-propylamine
Concen: 38.327 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

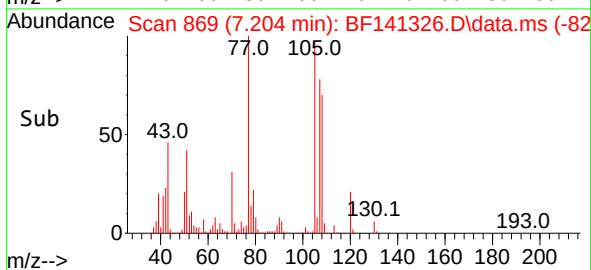
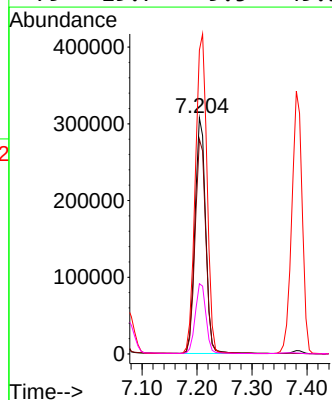
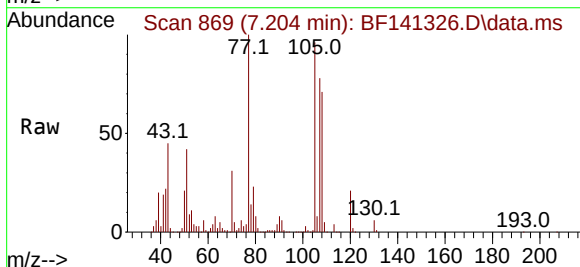
Instrument :
BNA_F
ClientSampleId :
PB166363BS

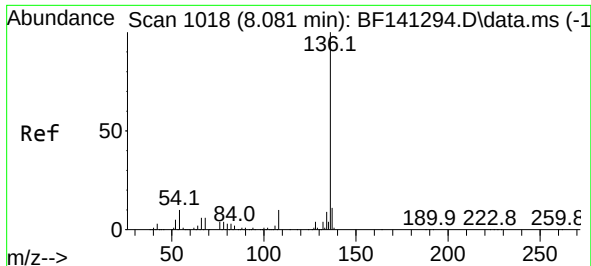
Tgt Ion: 70 Resp: 296992
Ion Ratio Lower Upper
70 100
42 66.7 56.8 85.2
101 9.5 7.7 11.5
130 21.6 16.8 25.2



#20
3+4-Methylphenols
Concen: 37.741 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 107 Resp: 413807
Ion Ratio Lower Upper
107 100
108 90.9 70.9 110.9
77 128.6 98.5 138.5
79 29.7 9.5 49.5



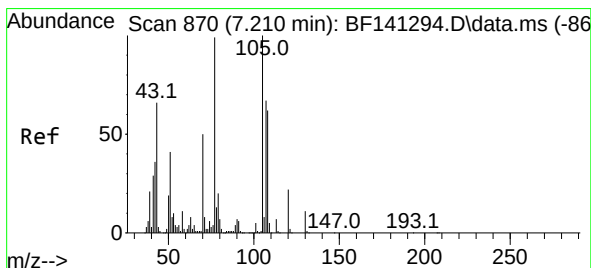
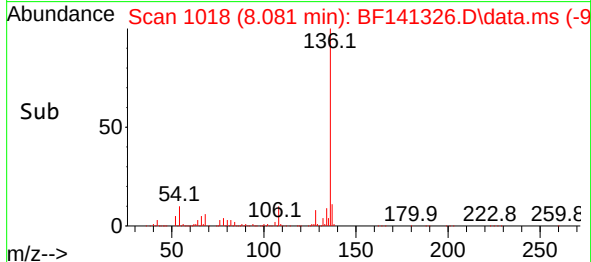
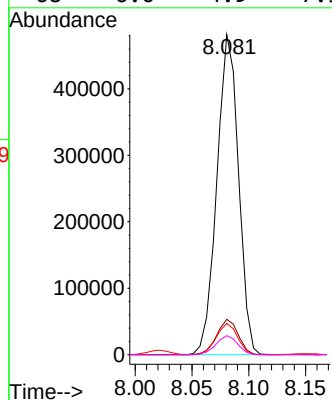
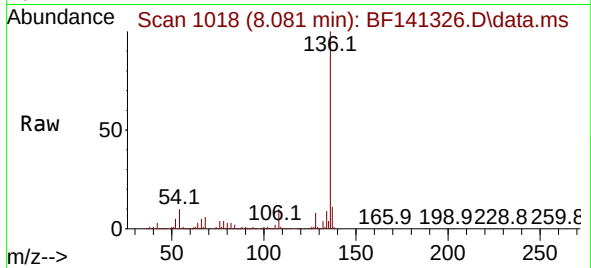


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:136 Resp: 639100

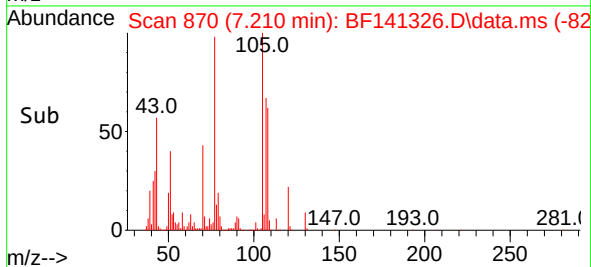
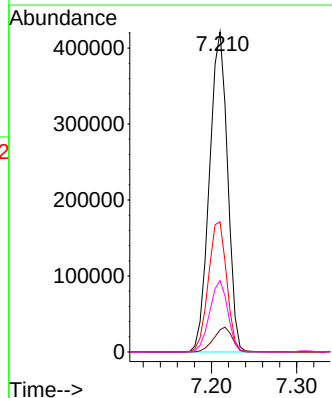
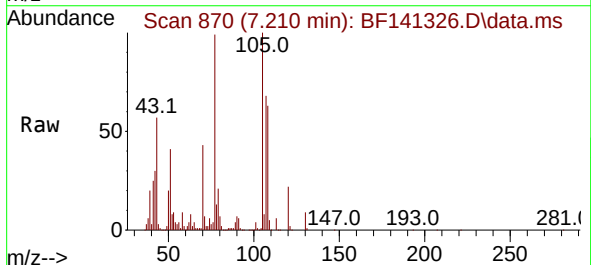
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.8	7.8	11.8
68	6.0	4.9	7.3

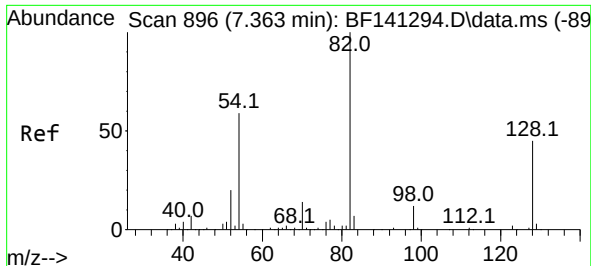


#22
Acetophenone
Concen: 40.897 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:105 Resp: 621280

Ion	Ratio	Lower	Upper
105	100		
71	7.0	6.8	10.2
51	40.6	32.6	49.0
120	22.3	17.4	26.0





#23

Nitrobenzene-d5

Concen: 81.247 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

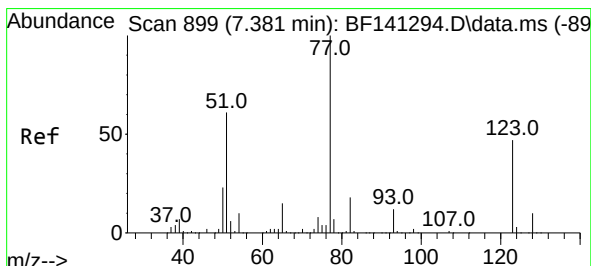
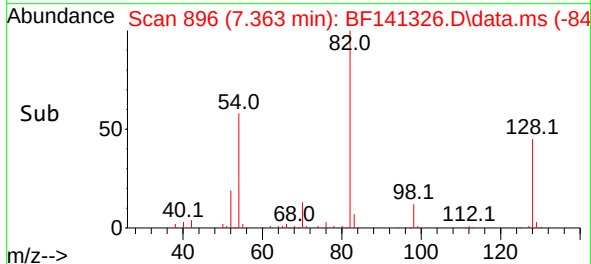
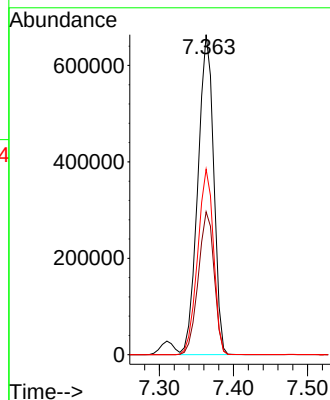
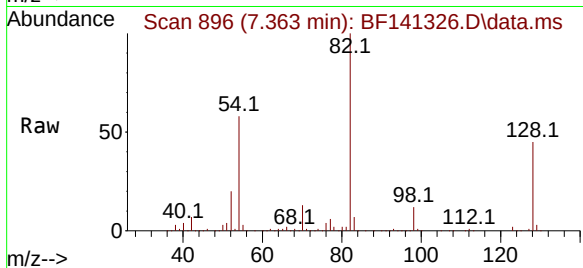
Tgt Ion: 82 Resp: 984991

Ion Ratio Lower Upper

82 100

128 44.7 35.7 53.5

54 57.9 47.1 70.7



#24

Nitrobenzene

Concen: 35.768 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

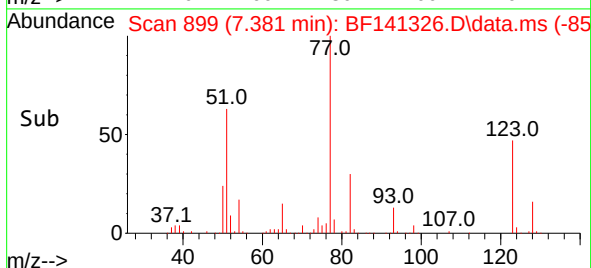
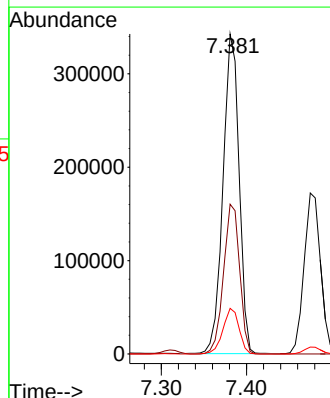
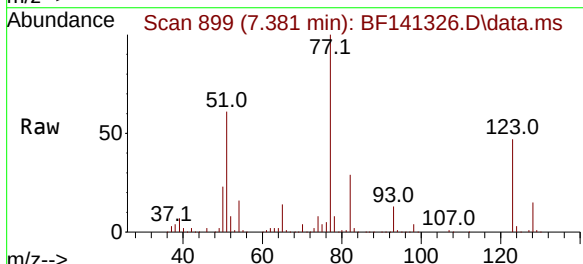
Tgt Ion: 77 Resp: 449375

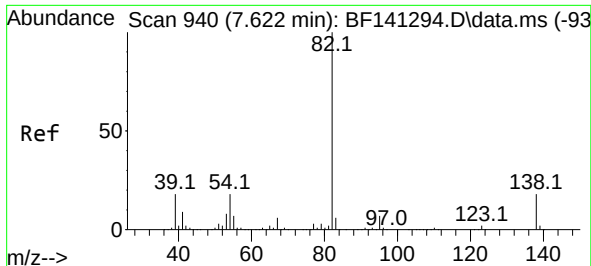
Ion Ratio Lower Upper

77 100

123 46.8 37.3 55.9

65 14.3 11.8 17.6

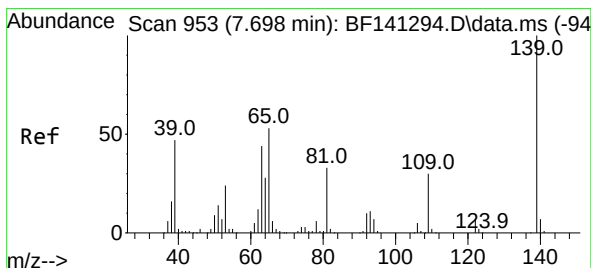
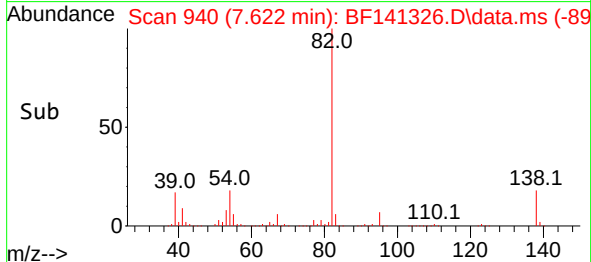
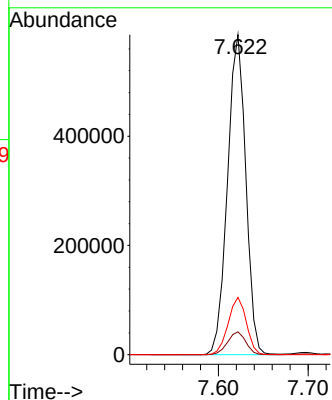
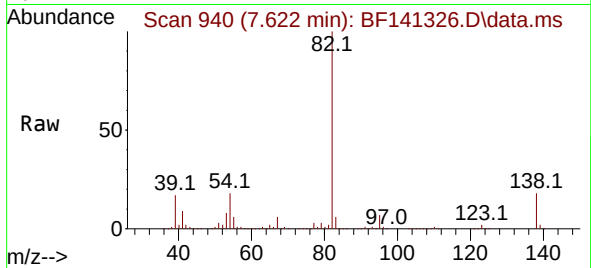




#25
Isophorone
Concen: 39.526 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

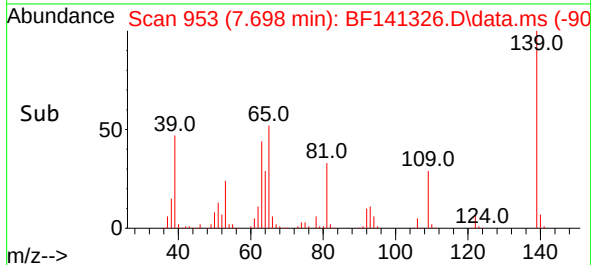
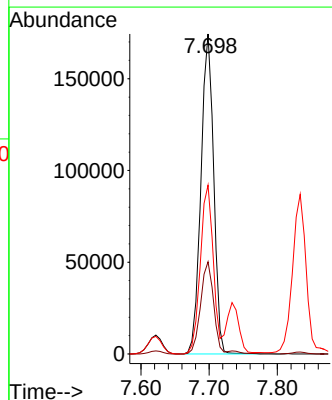
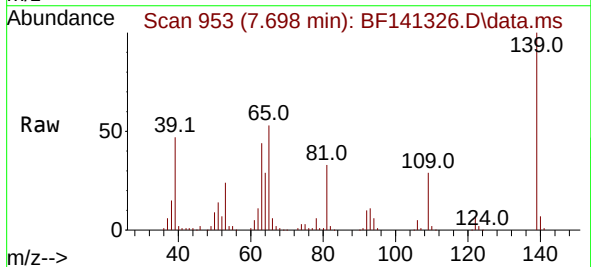
Instrument :
BNA_F
ClientSampleId :
PB166363BS

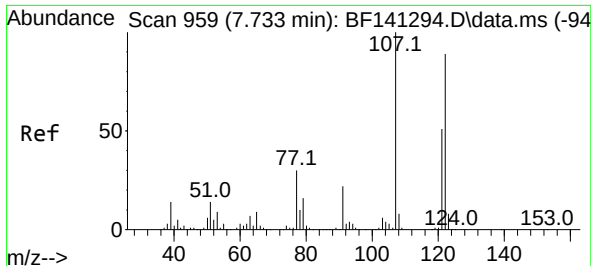
Tgt Ion: 82 Resp: 828323
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 17.9 14.7 22.1



#26
2-Nitrophenol
Concen: 38.187 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:139 Resp: 226262
Ion Ratio Lower Upper
139 100
109 28.8 23.8 35.6
65 52.7 42.2 63.4

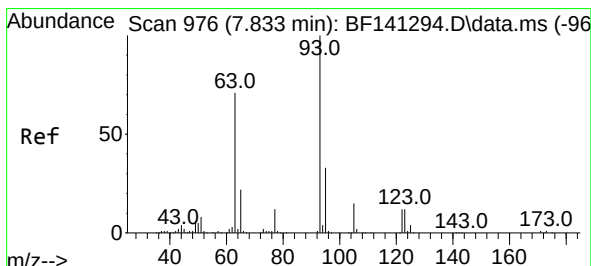
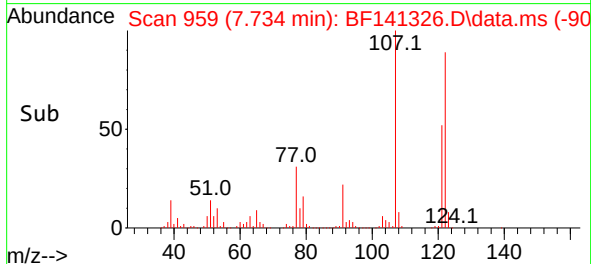
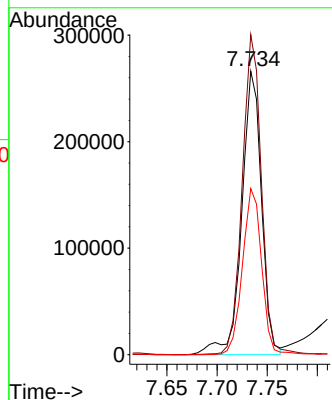
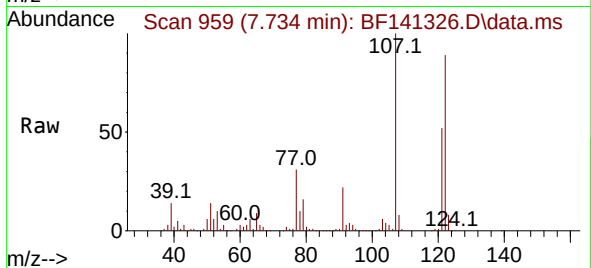




#27
2,4-Dimethylphenol
Concen: 48.501 ng
RT: 7.734 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

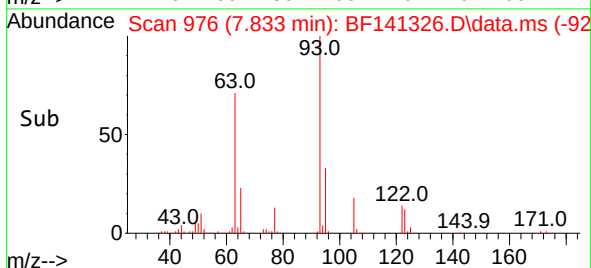
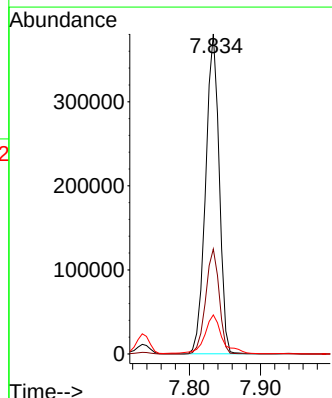
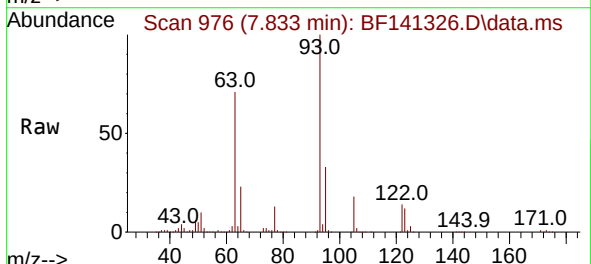
Instrument :
BNA_F
ClientSampleId :
PB166363BS

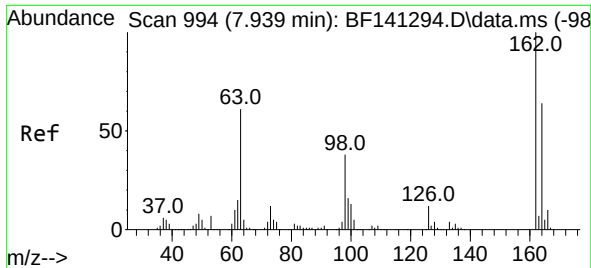
Tgt Ion:122 Resp: 365777
Ion Ratio Lower Upper
122 100
107 112.8 89.9 134.9
121 58.5 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 37.848 ng
RT: 7.833 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 93 Resp: 505927
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.2
123 12.2 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 37.862 ng

RT: 7.939 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

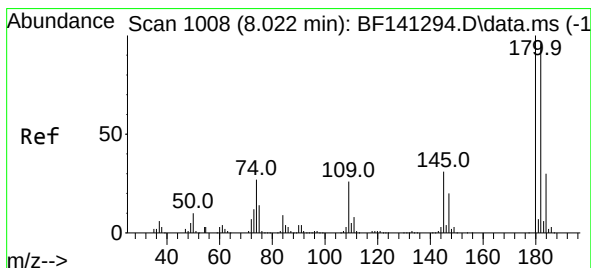
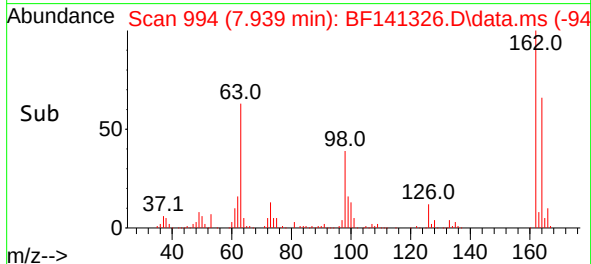
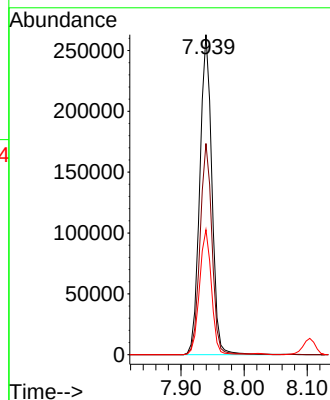
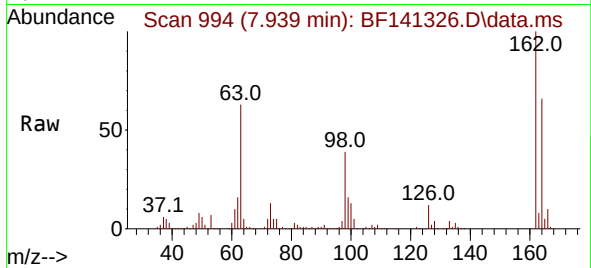
Tgt Ion:162 Resp: 349567

Ion Ratio Lower Upper

162 100

164 66.0 44.2 84.2

98 39.1 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 34.933 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

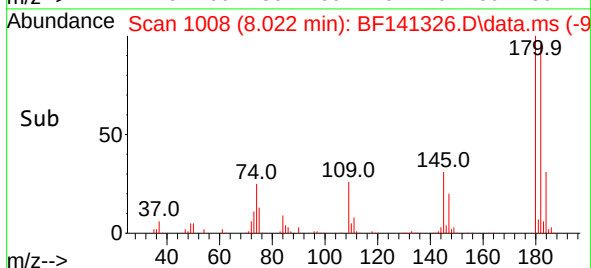
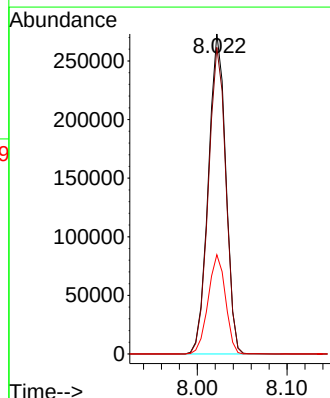
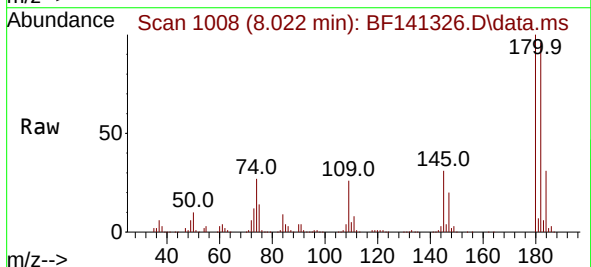
Tgt Ion:180 Resp: 368330

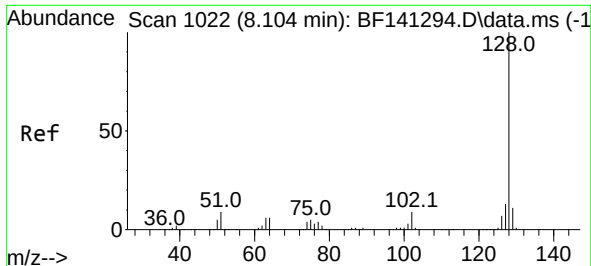
Ion Ratio Lower Upper

180 100

182 95.8 76.4 114.6

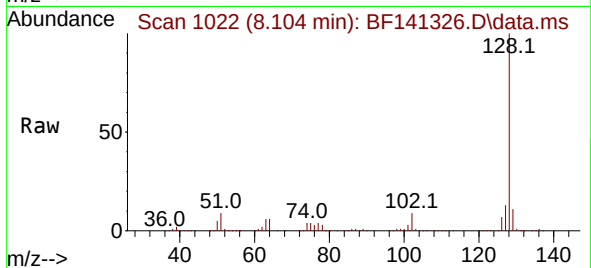
145 31.0 24.9 37.3





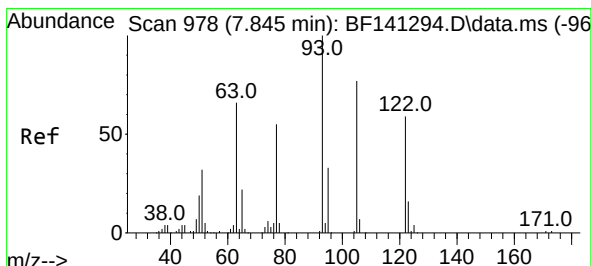
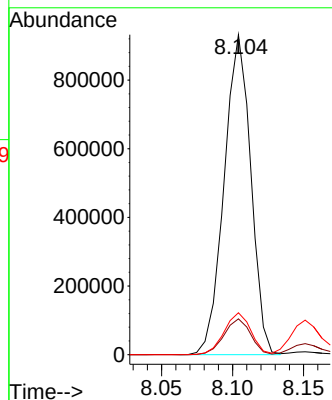
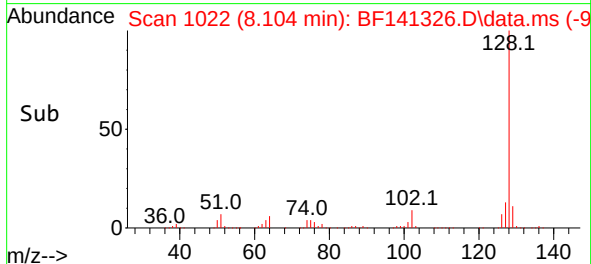
#31
Naphthalene
Concen: 36.025 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

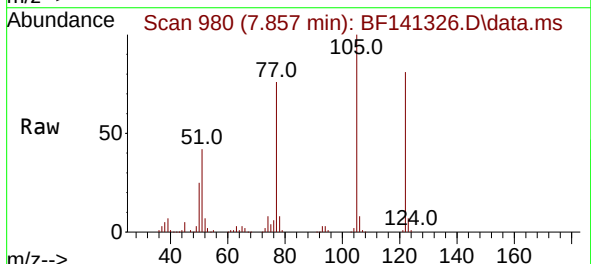


Tgt Ion:128 Resp: 1216274

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.1	10.6	15.8

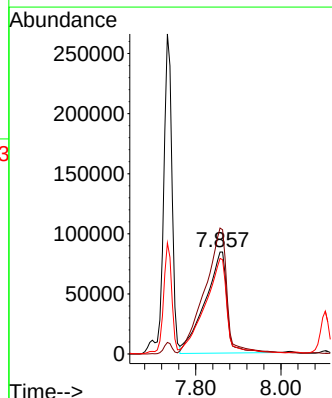
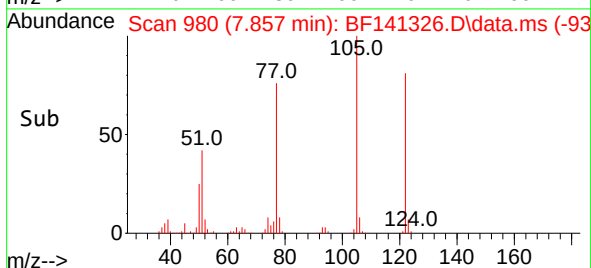


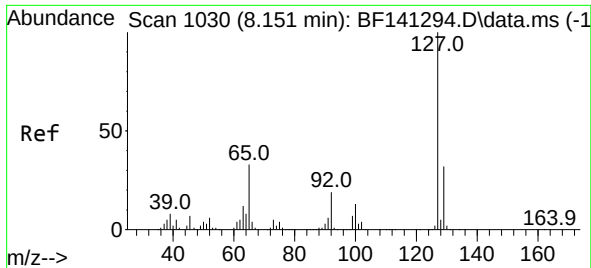
#32
Benzoic acid
Concen: 43.663 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.024 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28



Tgt Ion:122 Resp: 302716

Ion	Ratio	Lower	Upper
122	100		
105	123.5	103.4	143.4
77	93.7	70.9	110.9

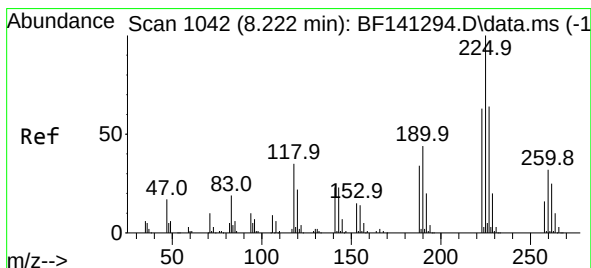
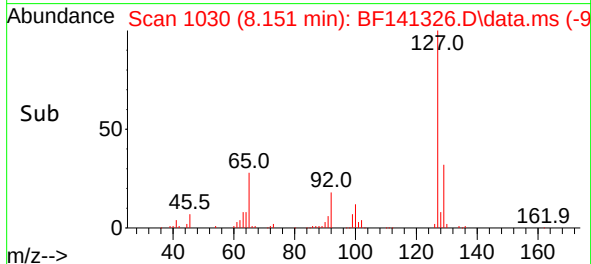
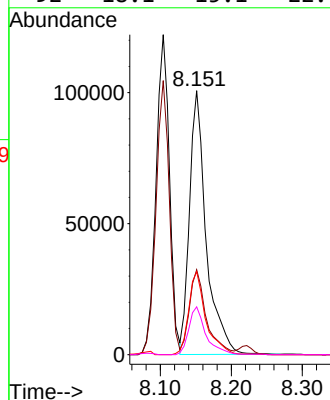
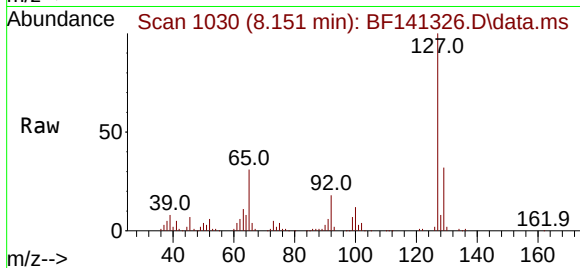




#33
4-Chloroaniline
Concen: 14.386 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

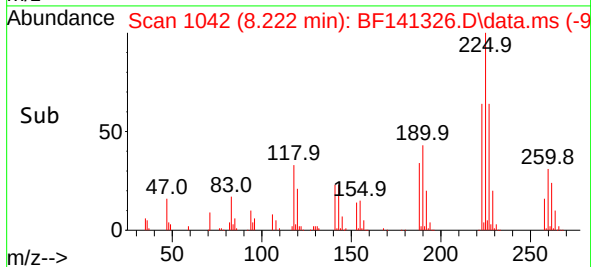
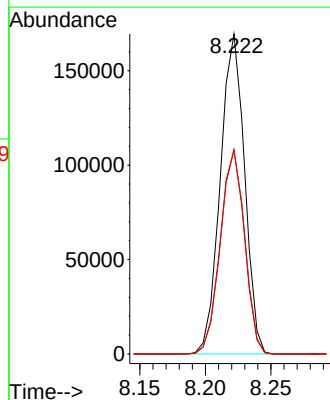
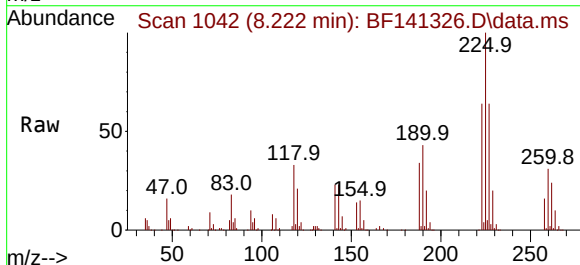
Instrument :
BNA_F
ClientSampleId :
PB166363BS

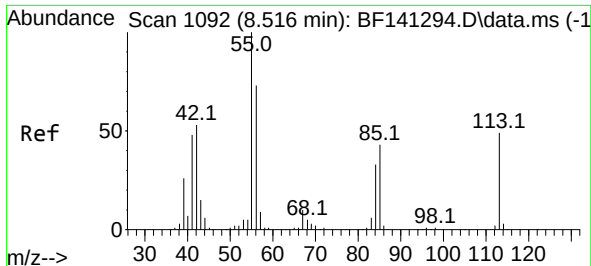
Tgt Ion:	127	Resp:	164703
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	31.5	26.4	39.6
92	18.1	15.1	22.7



#34
Hexachlorobutadiene
Concen: 35.179 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:	225	Resp:	217527
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.4	75.6
227	63.7	51.3	76.9

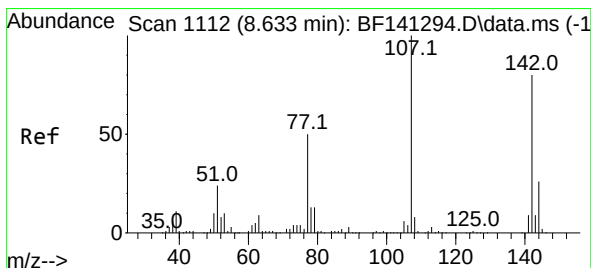
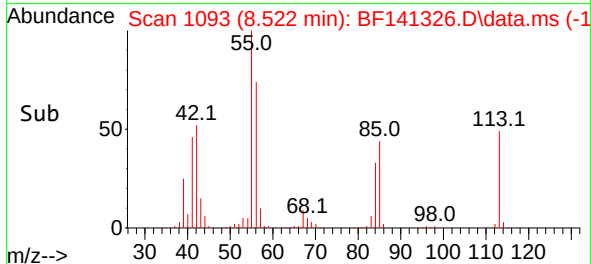
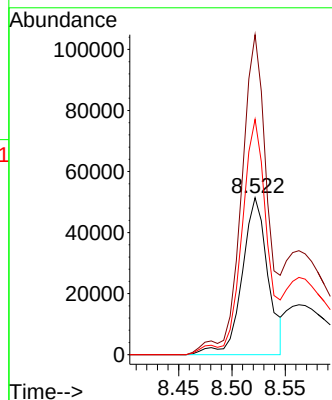
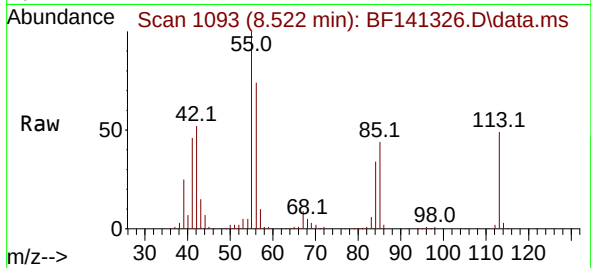




#35
 Caprolactam
 Concen: 28.719 ng
 RT: 8.522 min Scan# 1093
 Delta R.T. -0.024 min
 Lab File: BF141326.D
 Acq: 31 Jan 2025 12:28

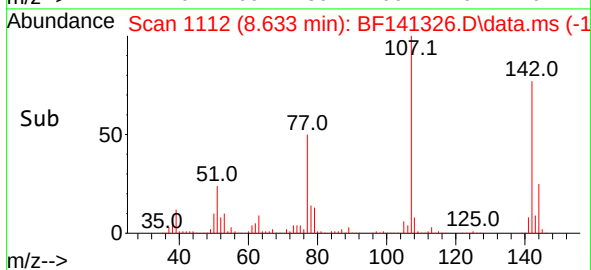
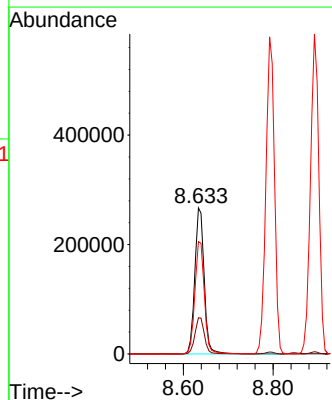
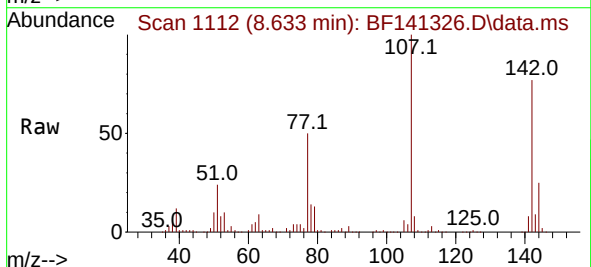
Instrument :
 BNA_F
 ClientSampleId :
 PB166363BS

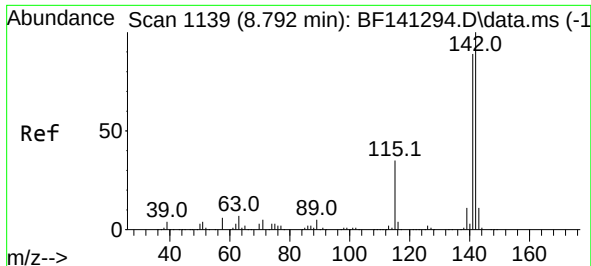
Tgt Ion:113 Resp: 86597
 Ion Ratio Lower Upper
 113 100
 55 203.9 182.9 222.9
 56 150.0 127.9 167.9



#36
 4-Chloro-3-methylphenol
 Concen: 39.190 ng
 RT: 8.633 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141326.D
 Acq: 31 Jan 2025 12:28

Tgt Ion:107 Resp: 388117
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.7 31.1
 142 77.0 63.8 95.8





#37

2-Methylnaphthalene

Concen: 35.792 ng

RT: 8.792 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

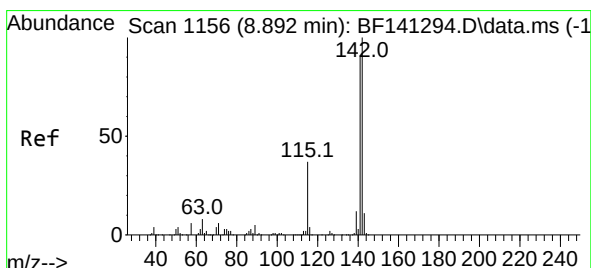
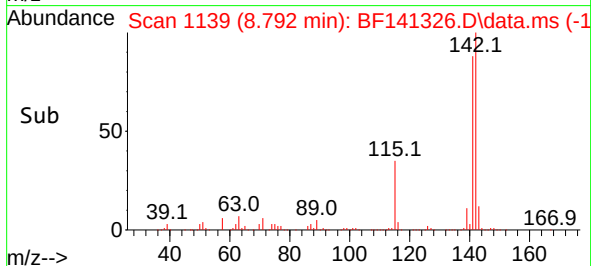
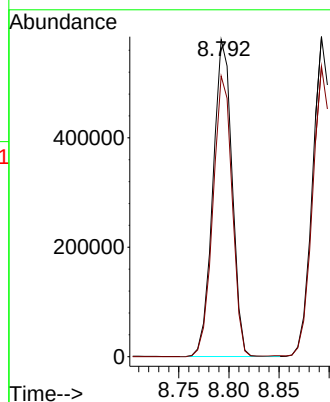
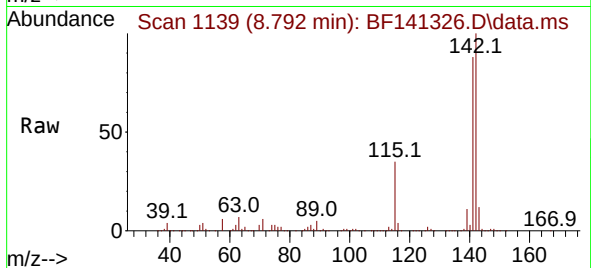
PB166363BS

Tgt Ion:142 Resp: 768048

Ion Ratio Lower Upper

142 100

141 88.5 71.3 106.9



#38

1-Methylnaphthalene

Concen: 36.018 ng

RT: 8.892 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF141326.D

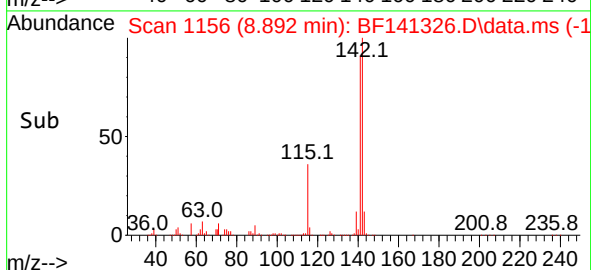
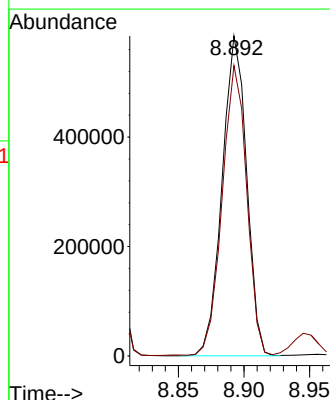
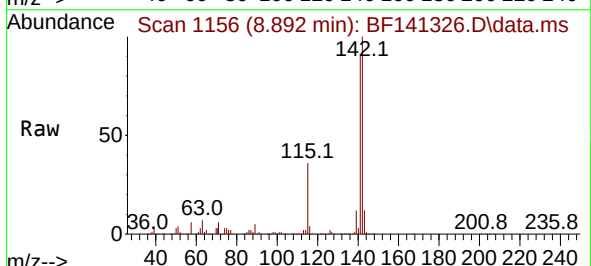
Acq: 31 Jan 2025 12:28

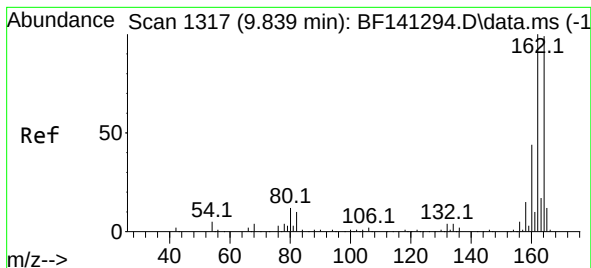
Tgt Ion:142 Resp: 759228

Ion Ratio Lower Upper

142 100

141 90.8 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

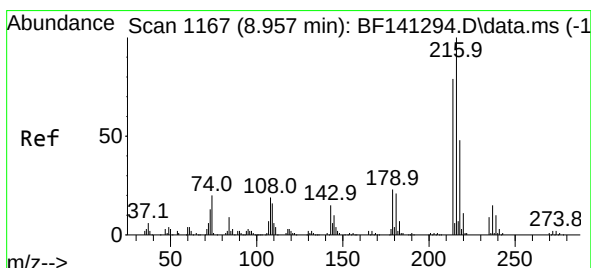
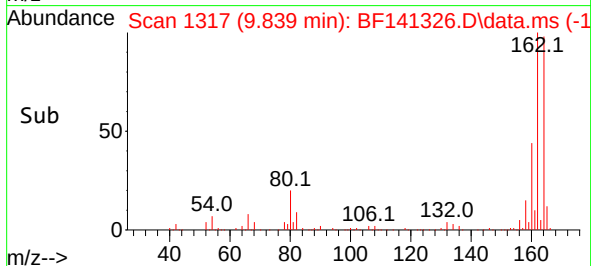
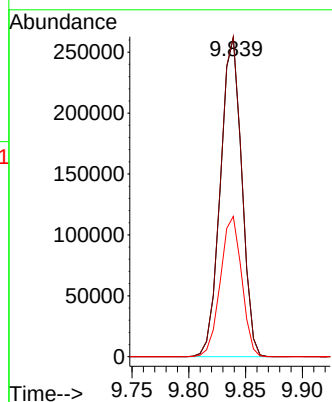
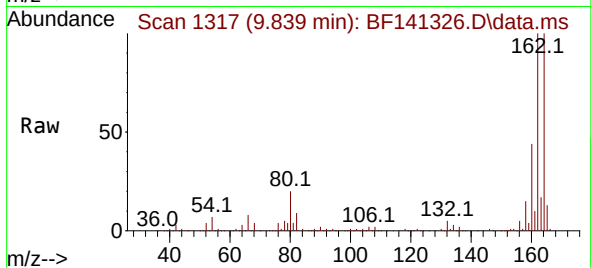
Tgt Ion:164 Resp: 341634

Ion Ratio Lower Upper

164 100

162 100.4 80.6 121.0

160 44.0 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.008 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Tgt Ion:216 Resp: 388845

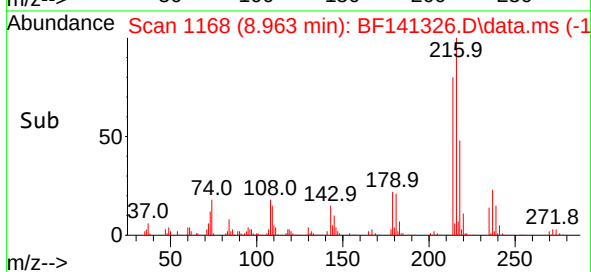
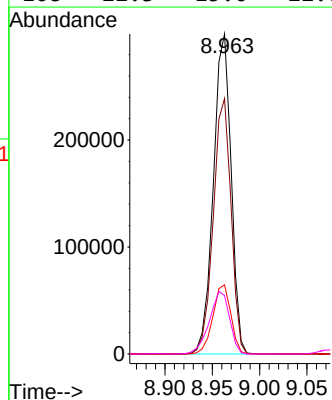
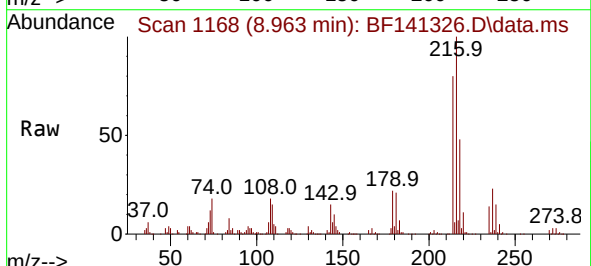
Ion Ratio Lower Upper

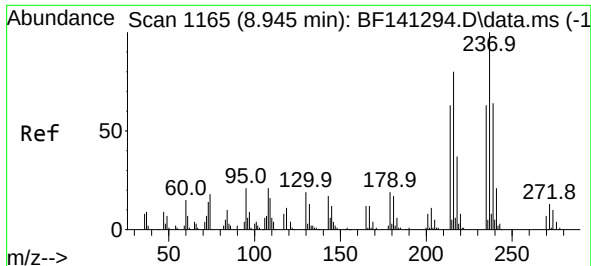
216 100

214 79.9 63.2 94.8

179 21.9 17.8 26.8

108 22.3 15.0 22.6

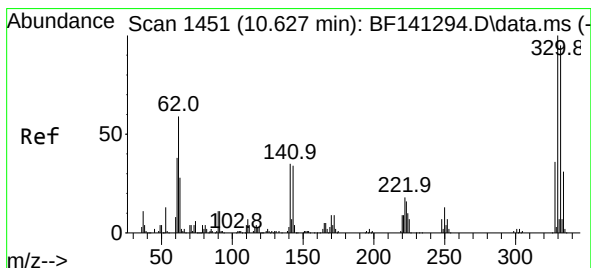
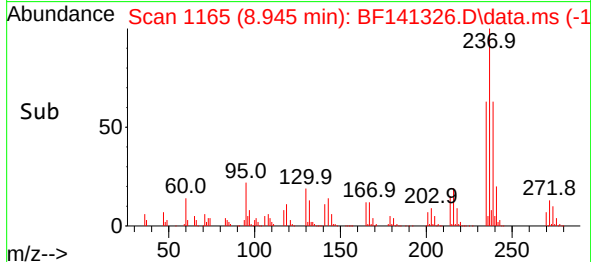
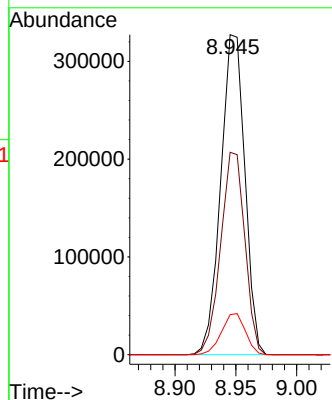
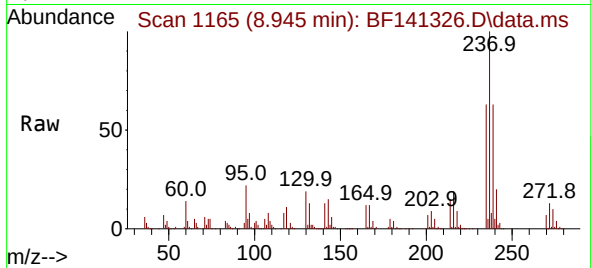




#41
Hexachlorocyclopentadiene
Concen: 157.404 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

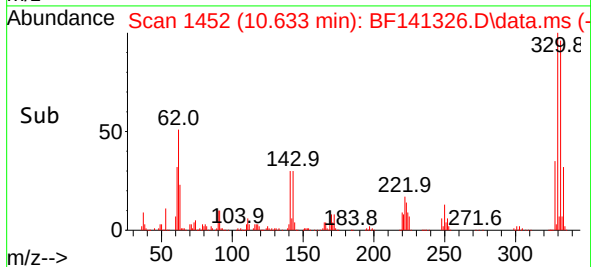
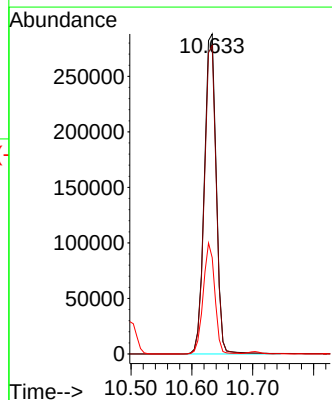
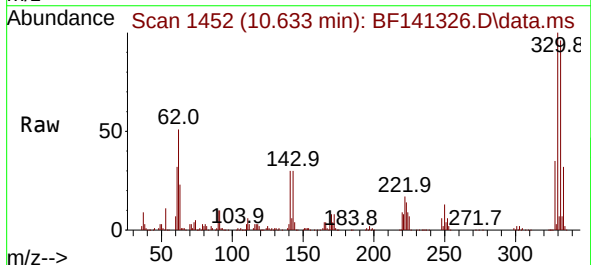
Instrument :
BNA_F
ClientSampleId :
PB166363BS

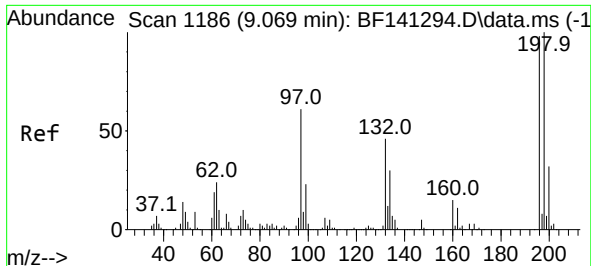
Tgt Ion:237 Resp: 451802
Ion Ratio Lower Upper
237 100
235 63.3 42.9 82.9
272 12.5 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 125.427 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

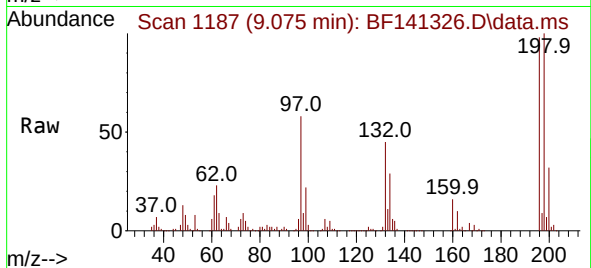
Tgt Ion:330 Resp: 392837
Ion Ratio Lower Upper
330 100
332 96.4 76.1 114.1
141 33.8 28.8 43.2



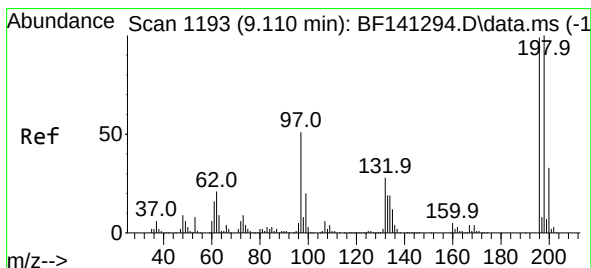
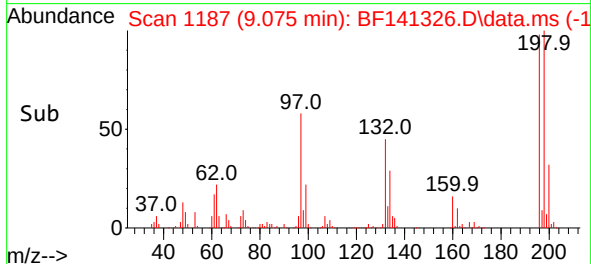
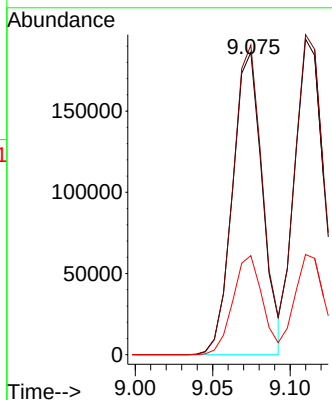


#43
2,4,6-Trichlorophenol
Concen: 39.194 ng
RT: 9.075 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

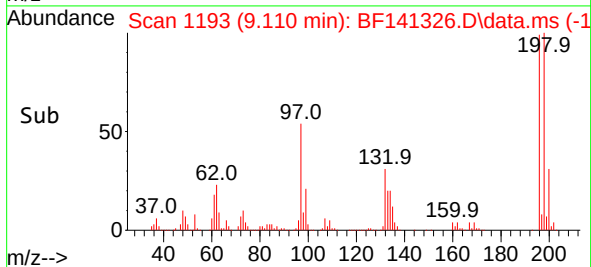
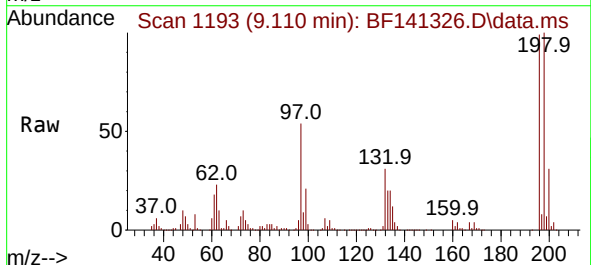
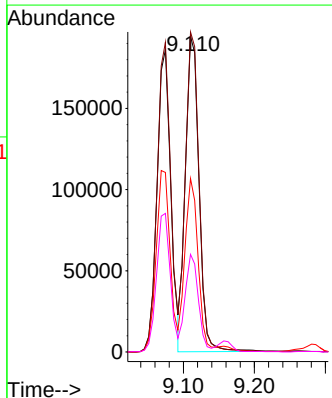


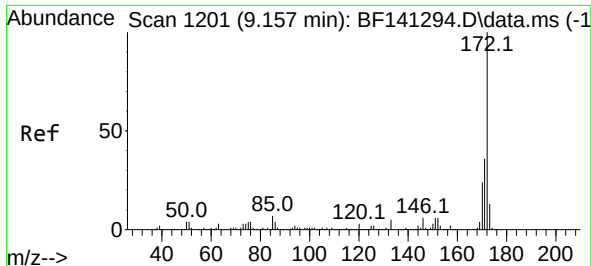
Tgt Ion:196 Resp: 249335
Ion Ratio Lower Upper
196 100
198 102.4 81.8 122.6
200 32.8 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 37.493 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:196 Resp: 259595
Ion Ratio Lower Upper
196 100
198 101.4 80.5 120.7
97 55.0 42.8 64.2
132 31.0 23.5 35.3

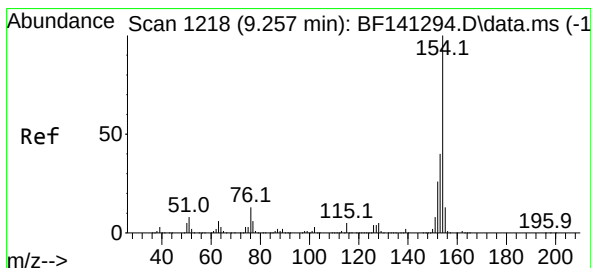
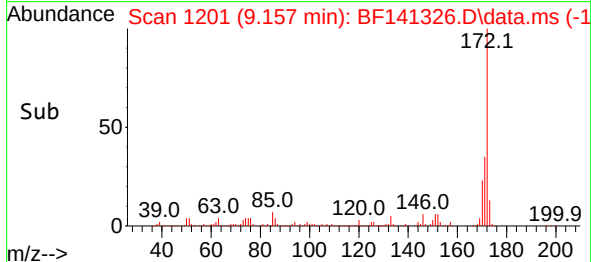
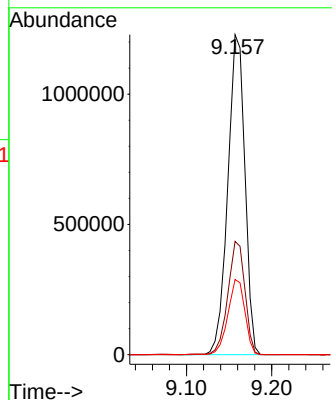
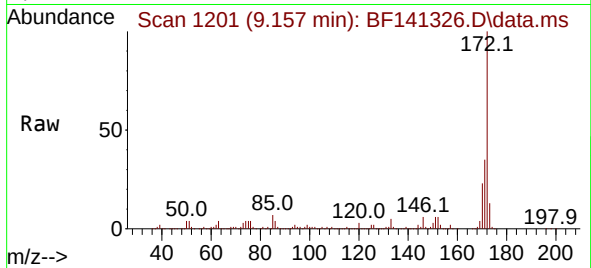




#45
2-Fluorobiphenyl
Concen: 77.128 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

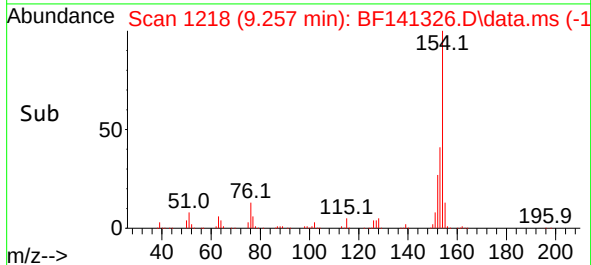
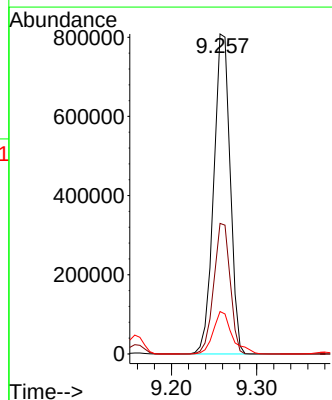
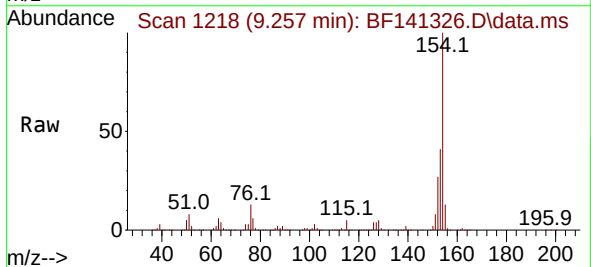
Instrument :
BNA_F
ClientSampleId :
PB166363BS

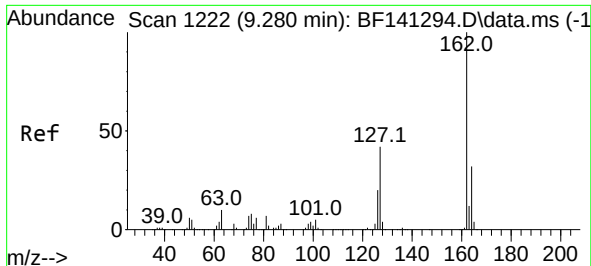
Tgt Ion:172 Resp: 1711912
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 40.823 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:154 Resp: 1087669
Ion Ratio Lower Upper
154 100
153 40.8 20.0 60.0
76 13.3 0.0 32.8





#47

2-Chloronaphthalene

Concen: 35.895 ng

RT: 9.286 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

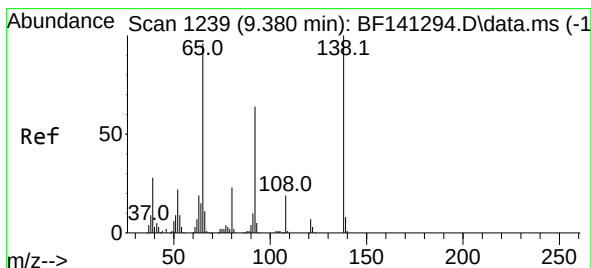
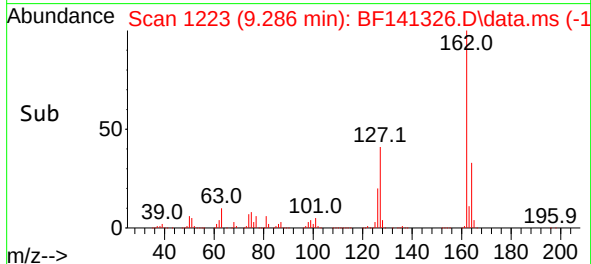
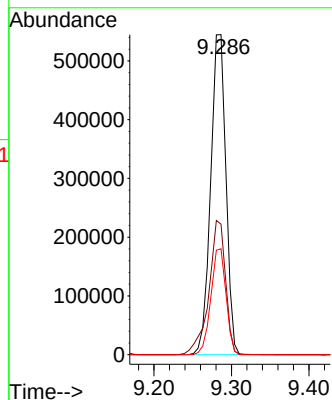
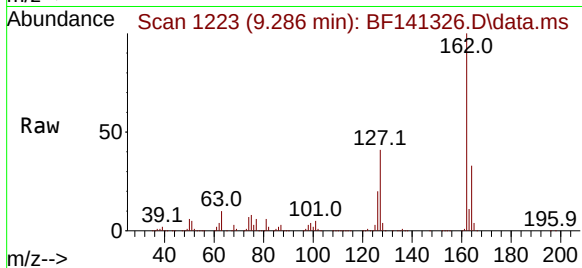
Tgt Ion:162 Resp: 745432

Ion Ratio Lower Upper

162 100

127 40.8 33.7 50.5

164 33.1 25.9 38.9



#48

2-Nitroaniline

Concen: 39.006 ng

RT: 9.380 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

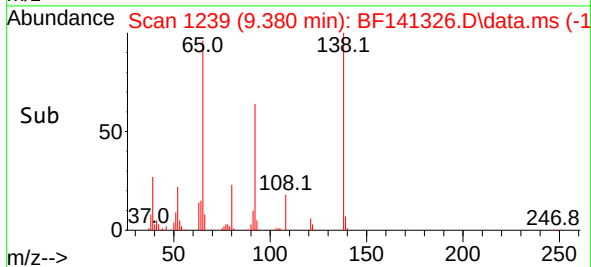
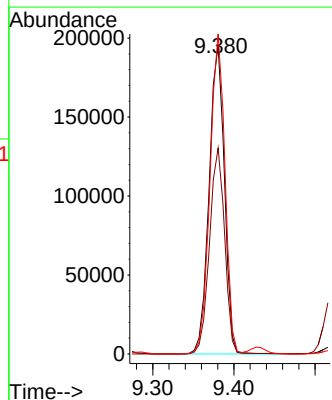
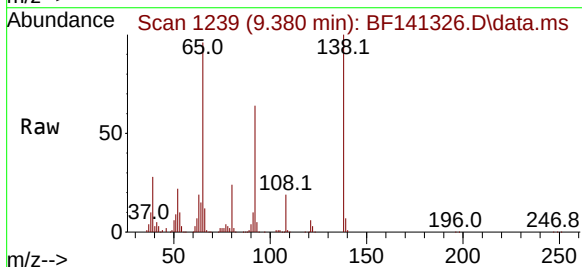
Tgt Ion: 65 Resp: 254788

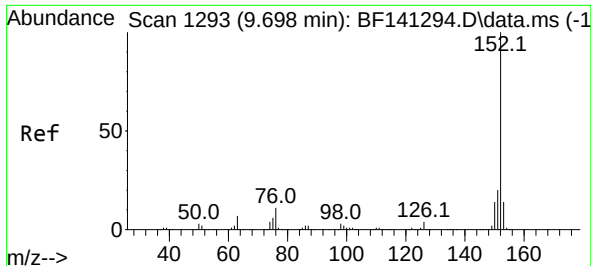
Ion Ratio Lower Upper

65 100

92 66.7 53.3 79.9

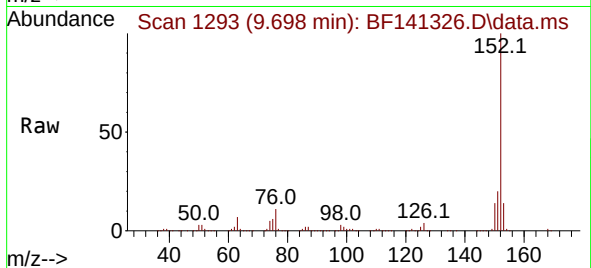
138 103.7 83.6 125.4



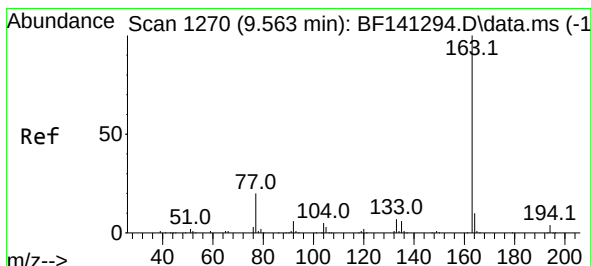
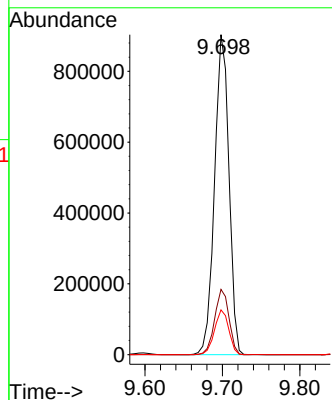
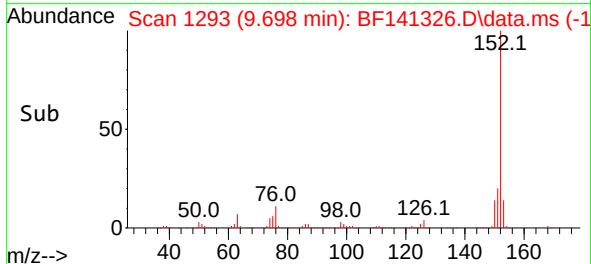


#49
Acenaphthylene
Concen: 40.131 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

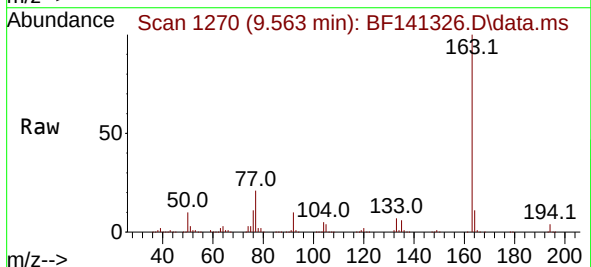
Instrument :
BNA_F
ClientSampleId :
PB166363BS



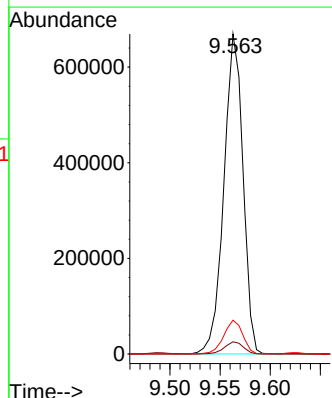
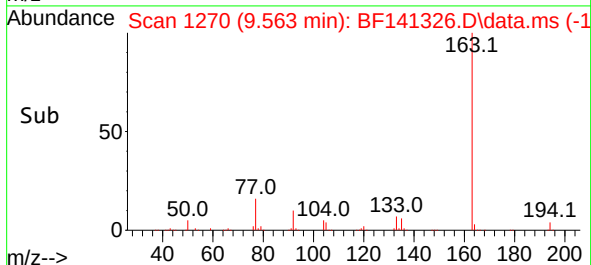
Tgt Ion:152 Resp: 1166625
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 14.0 11.0 16.6

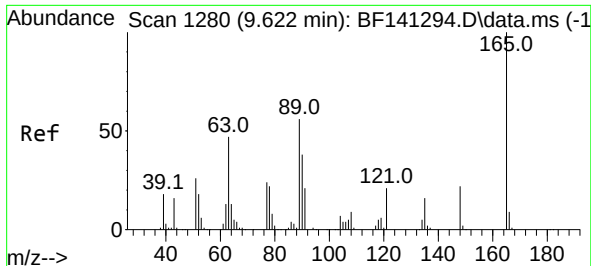


#50
Dimethylphthalate
Concen: 38.417 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28



Tgt Ion:163 Resp: 886423
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.5 8.0 12.0

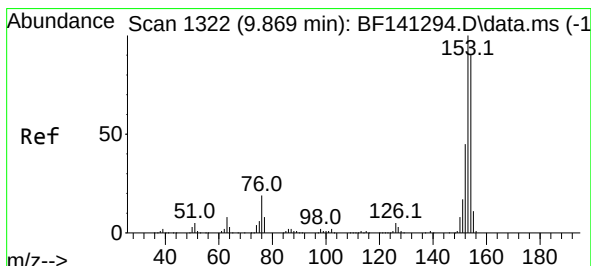
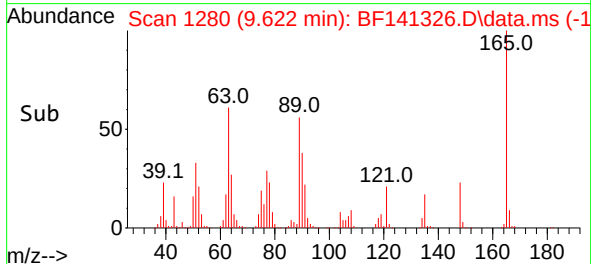
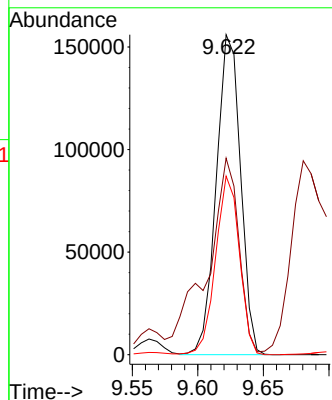
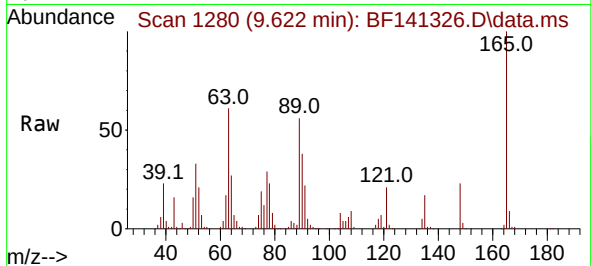




#51
2,6-Dinitrotoluene
Concen: 37.444 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

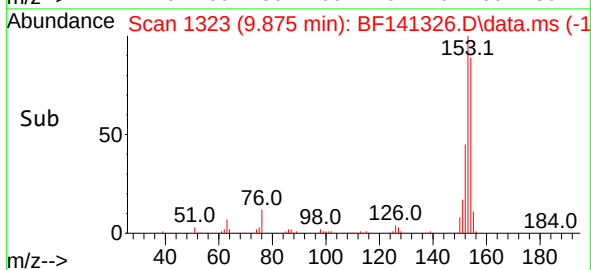
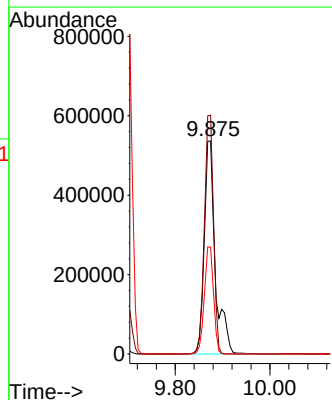
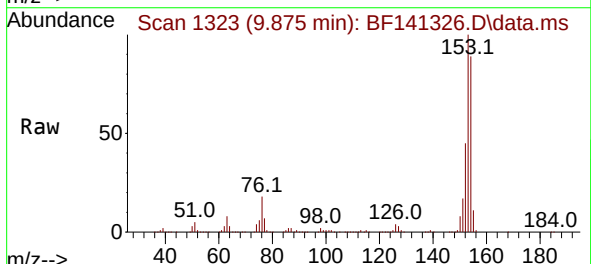
Instrument :
BNA_F
ClientSampleId :
PB166363BS

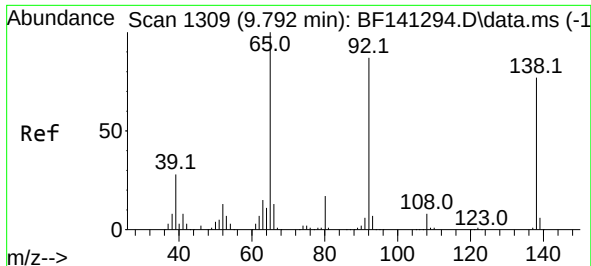
Tgt Ion:165 Resp: 200607
Ion Ratio Lower Upper
165 100
63 61.4 48.1 72.1
89 55.8 44.9 67.3



#52
Acenaphthene
Concen: 41.962 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:154 Resp: 871464
Ion Ratio Lower Upper
154 100
153 112.1 89.0 133.4
152 50.1 40.2 60.4

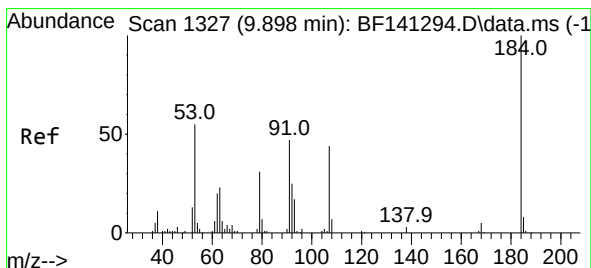
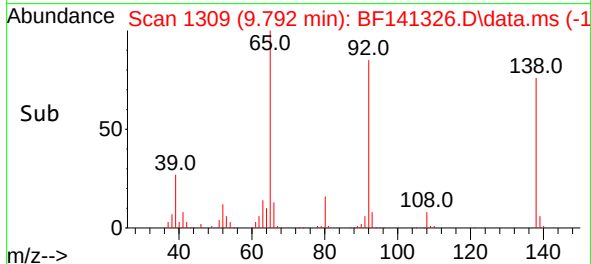
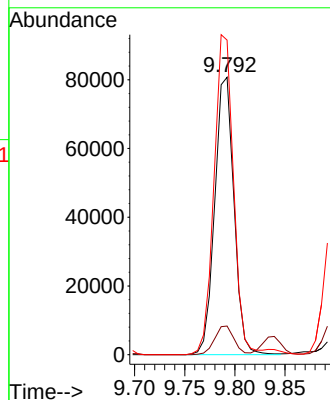
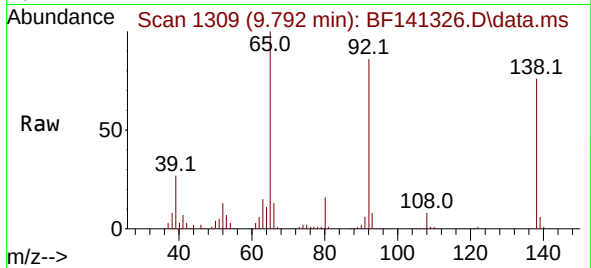




#53
3-Nitroaniline
Concen: 20.511 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

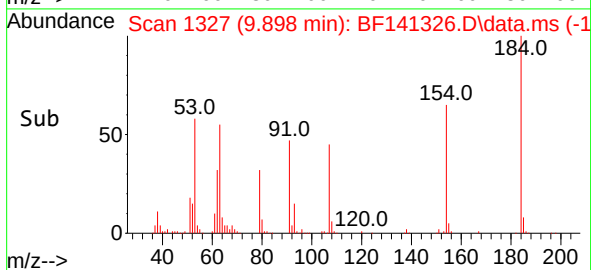
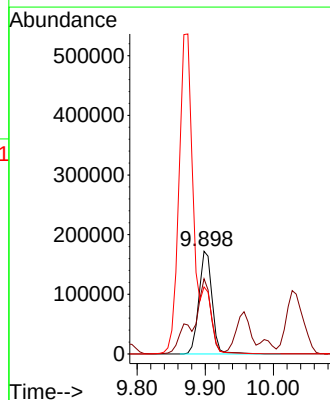
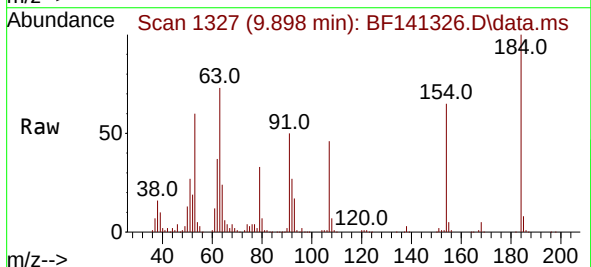
Instrument :
BNA_F
ClientSampleId :
PB166363BS

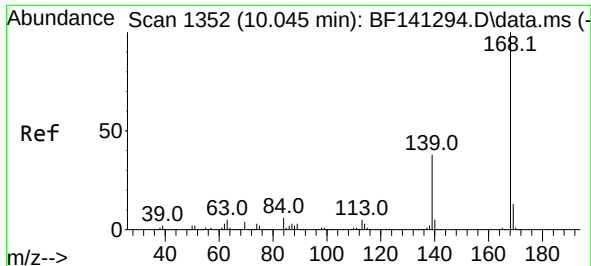
Tgt Ion:138 Resp: 107700
Ion Ratio Lower Upper
138 100
108 10.3 8.6 12.8
92 113.4 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 93.602 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:184 Resp: 233111
Ion Ratio Lower Upper
184 100
63 73.2 54.1 81.1
154 65.2 50.7 76.1

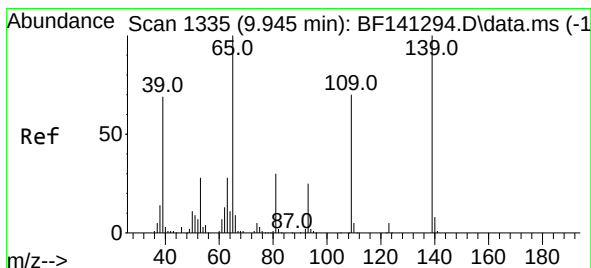
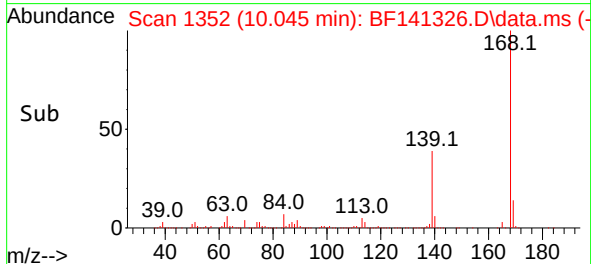
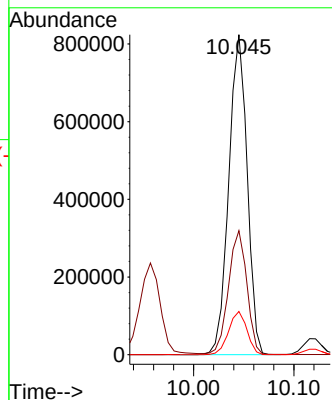
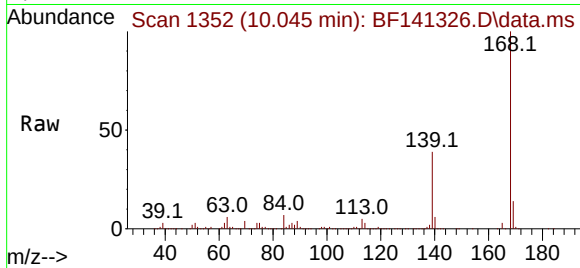




#55
Dibenzenofuran
Concen: 37.742 ng
RT: 10.045 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

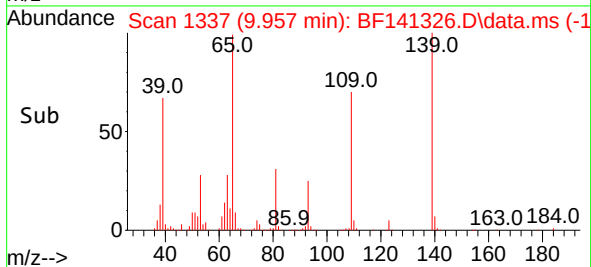
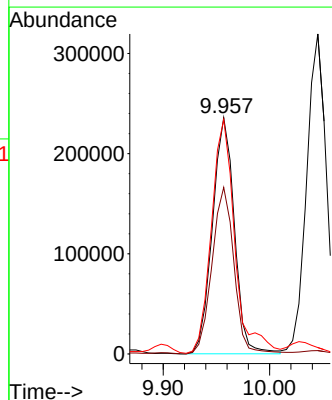
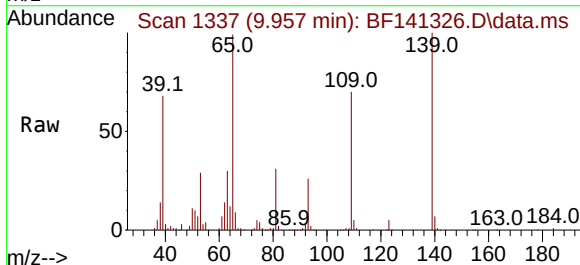
Instrument :
BNA_F
ClientSampleId :
PB166363BS

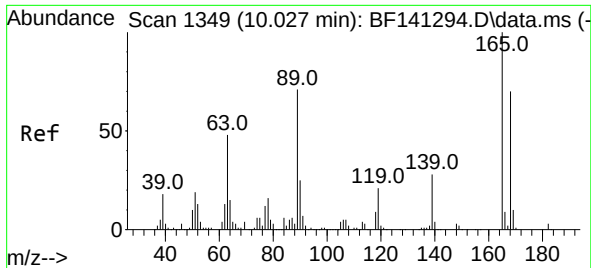
Tgt Ion:168 Resp: 1049171
Ion Ratio Lower Upper
168 100
139 38.8 30.6 46.0
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 87.919 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:139 Resp: 337626
Ion Ratio Lower Upper
139 100
109 70.5 50.2 90.2
65 99.2 80.6 120.6

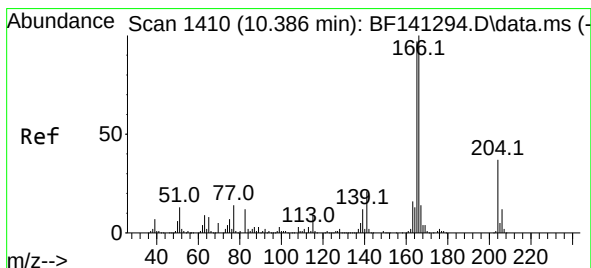
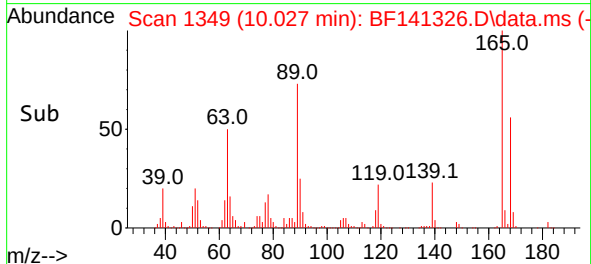
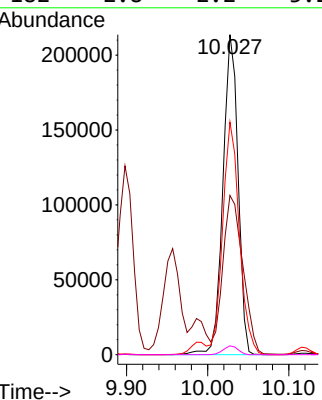
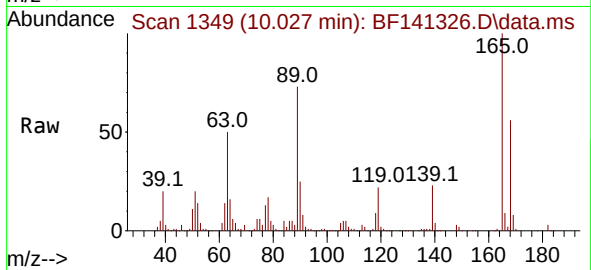




#57
2,4-Dinitrotoluene
Concen: 39.763 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

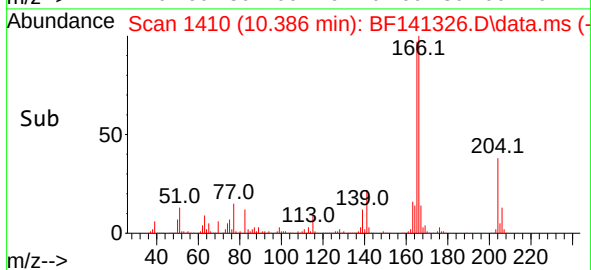
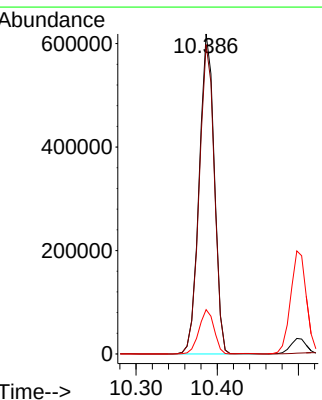
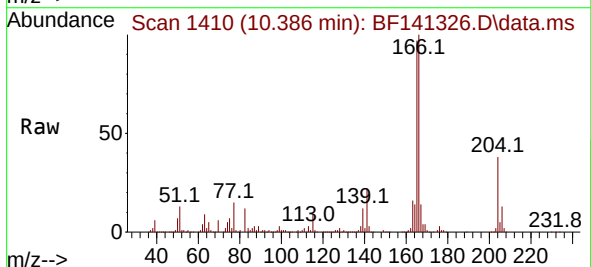
Instrument :
BNA_F
ClientSampleId :
PB166363BS

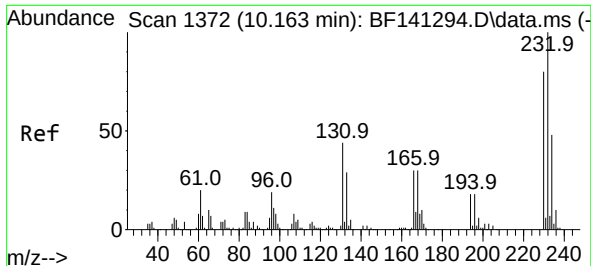
Tgt Ion:165 Resp: 275815
Ion Ratio Lower Upper
165 100
63 49.8 39.2 58.8
89 72.7 56.9 85.3
182 2.8 2.2 3.2



#58
Fluorene
Concen: 37.071 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:166 Resp: 799362
Ion Ratio Lower Upper
166 100
165 96.7 77.5 116.3
167 13.8 10.9 16.3

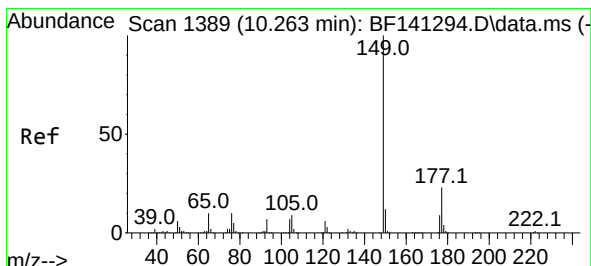
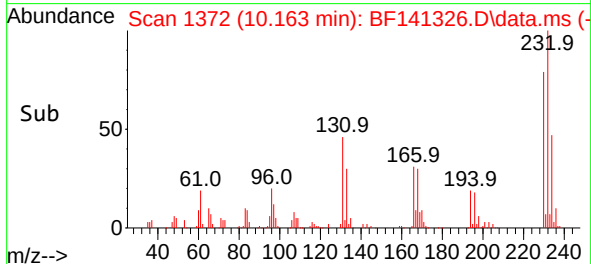
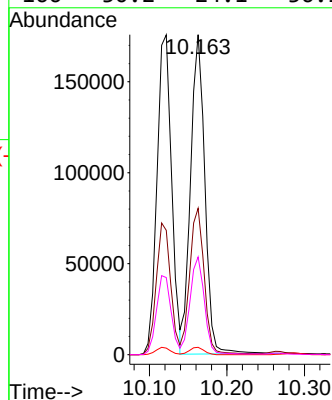
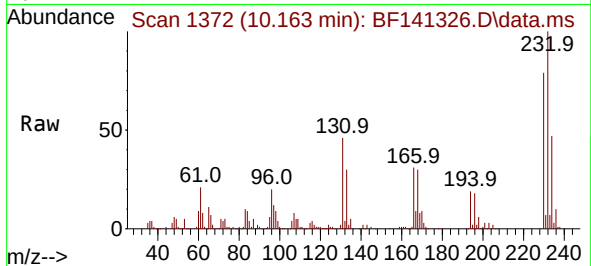




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.280 ng
RT: 10.163 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

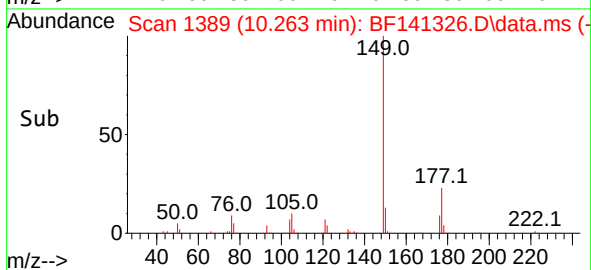
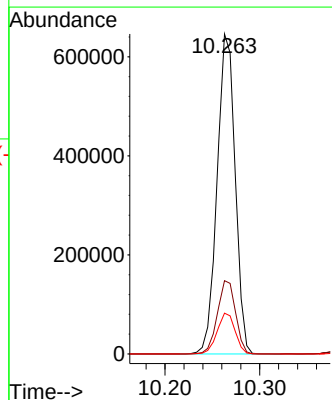
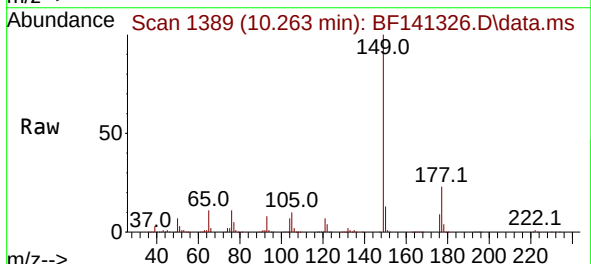
Instrument :
BNA_F
ClientSampleId :
PB166363BS

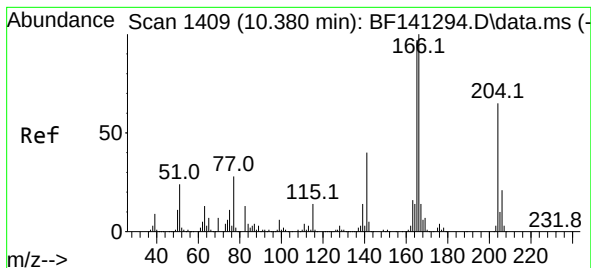
Tgt Ion:232 Resp: 224854
Ion Ratio Lower Upper
232 100
131 46.7 36.4 54.6
130 2.3 1.9 2.9
166 30.2 24.1 36.1



#60
Diethylphthalate
Concen: 38.310 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:149 Resp: 857103
Ion Ratio Lower Upper
149 100
177 22.9 18.5 27.7
150 12.8 10.0 15.0

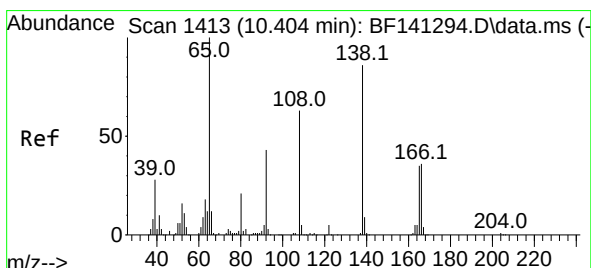
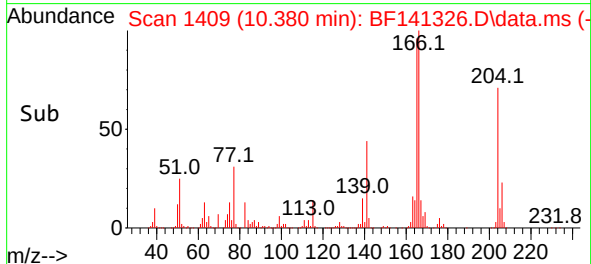
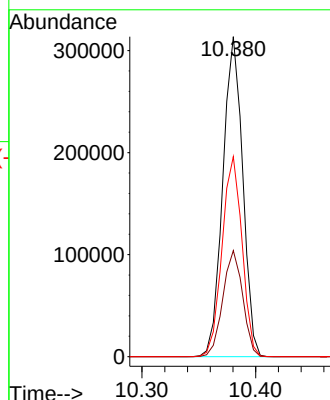
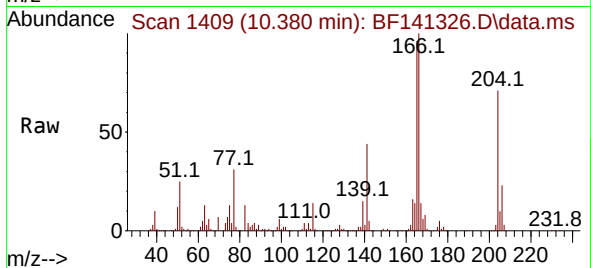




#61
4-Chlorophenyl-phenylether
Concen: 36.243 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

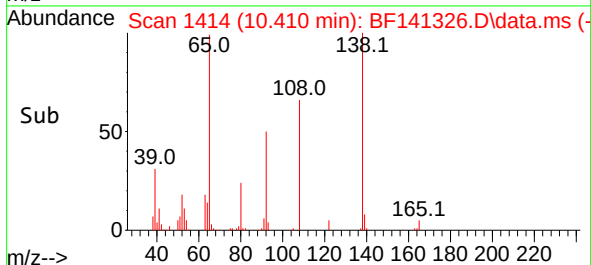
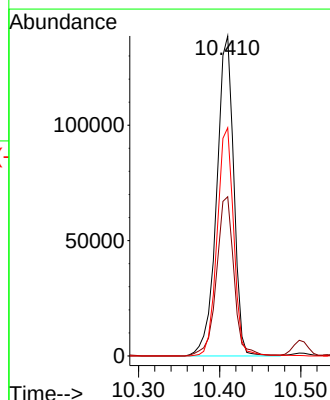
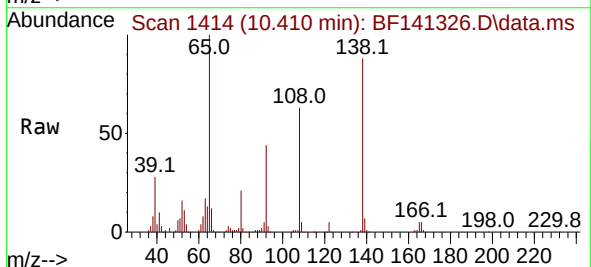
Instrument :
BNA_F
ClientSampleId :
PB166363BS

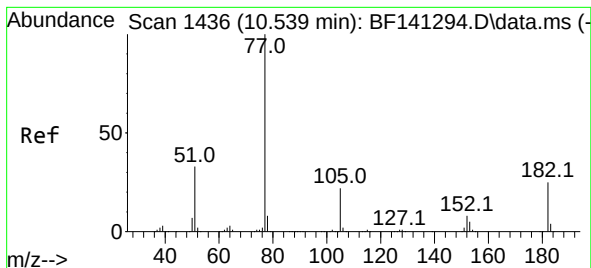
Tgt Ion:204 Resp: 381746
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 62.5 49.5 74.3



#62
4-Nitroaniline
Concen: 39.336 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:138 Resp: 203068
Ion Ratio Lower Upper
138 100
92 49.8 30.1 70.1
108 71.3 53.1 93.1





#63

Azobenzene

Concen: 39.082 ng

RT: 10.539 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

Tgt Ion: 77 Resp: 875236

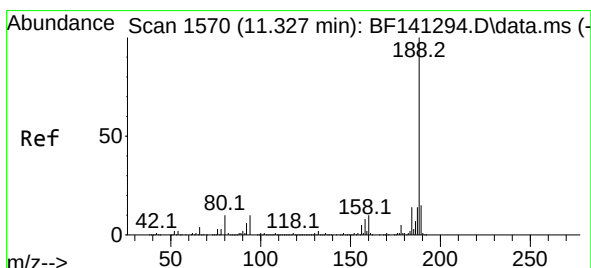
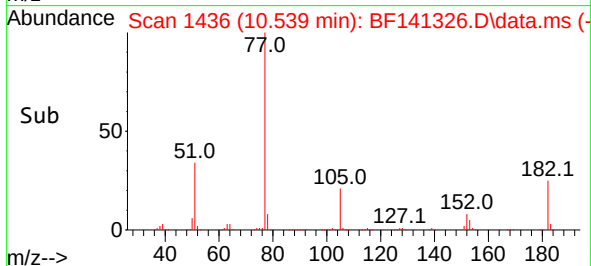
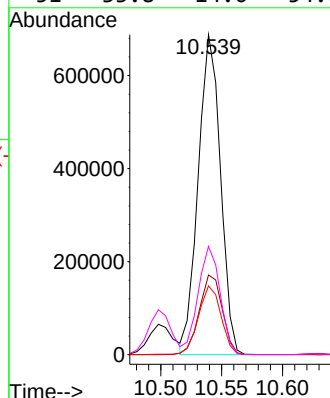
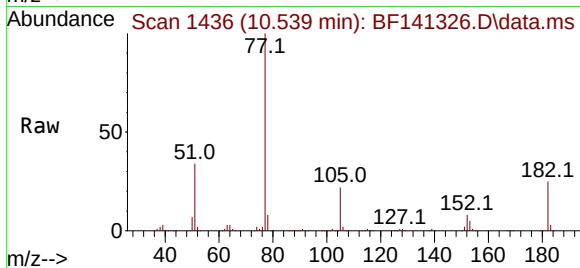
Ion Ratio Lower Upper

77 100

182 24.9 5.1 45.1

105 21.5 1.8 41.8

51 33.8 14.0 54.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1570

Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

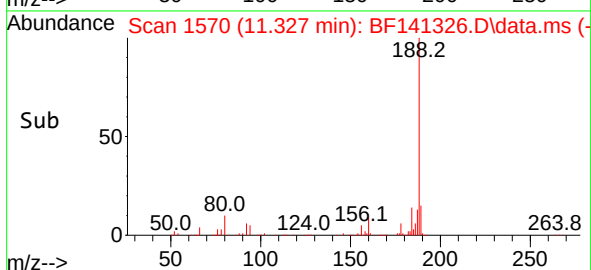
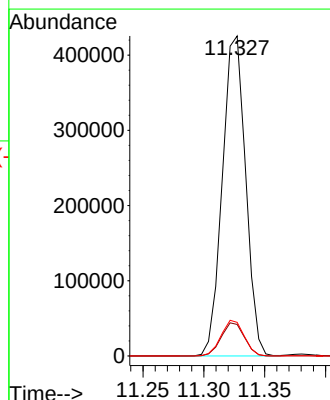
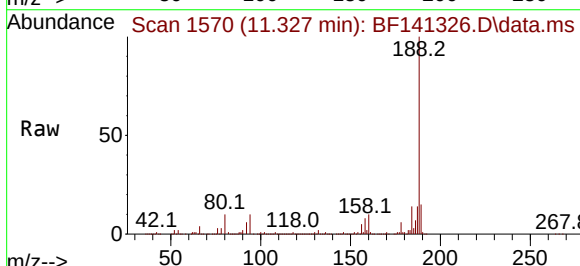
Tgt Ion:188 Resp: 567661

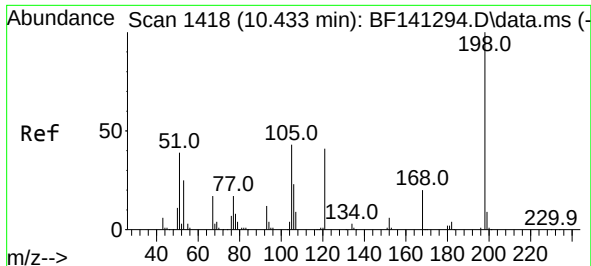
Ion Ratio Lower Upper

188 100

94 9.9 7.8 11.6

80 10.5 8.2 12.4

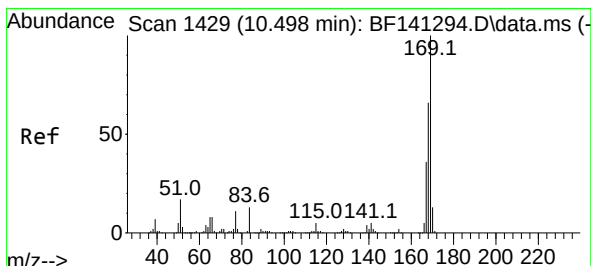
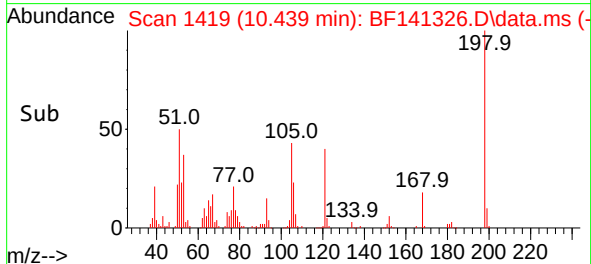
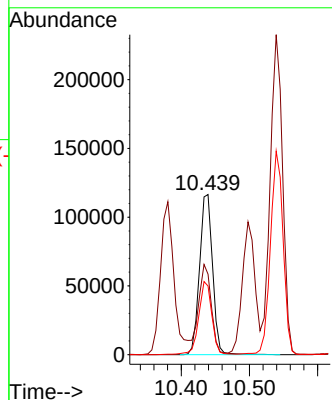
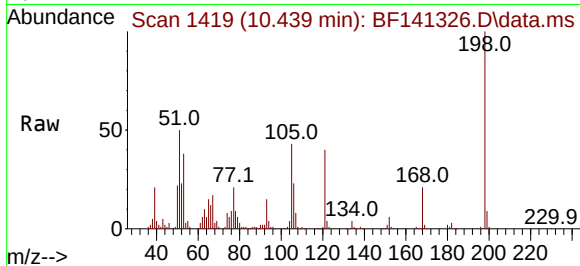




#65
4,6-Dinitro-2-methylphenol
Concen: 45.935 ng
RT: 10.439 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

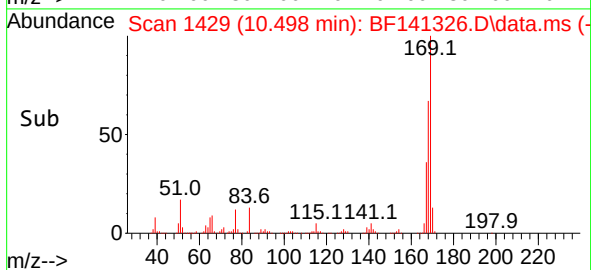
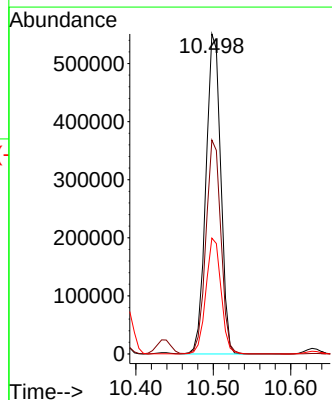
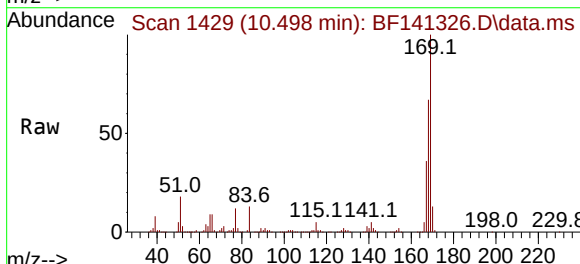
Instrument :
BNA_F
ClientSampleId :
PB166363BS

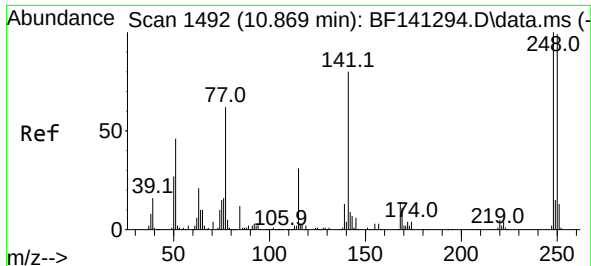
Tgt Ion:198 Resp: 154237
Ion Ratio Lower Upper
198 100
51 50.3 33.4 73.4
105 42.9 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 39.799 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:169 Resp: 730726
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.4
167 36.2 28.8 43.2

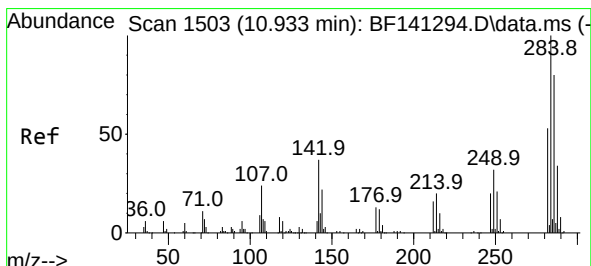
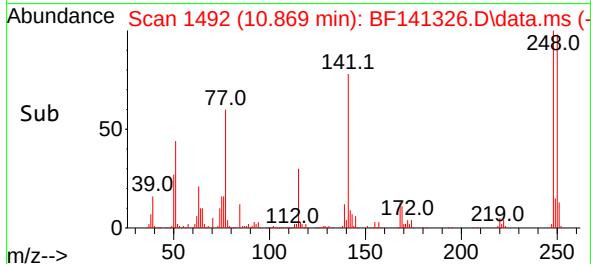
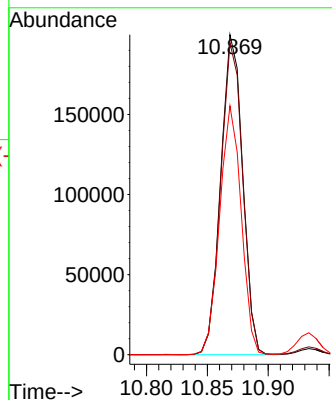
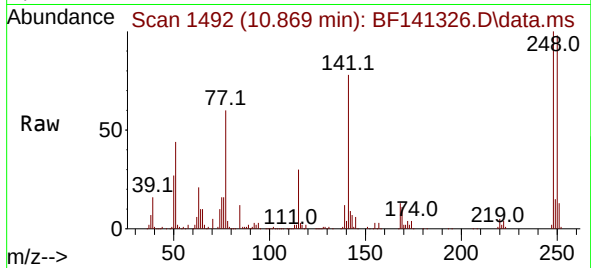




#67
4-Bromophenyl-phenylether
Concen: 39.548 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

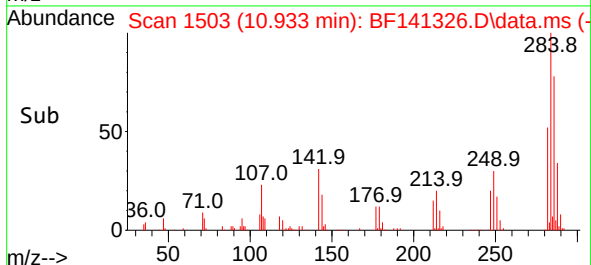
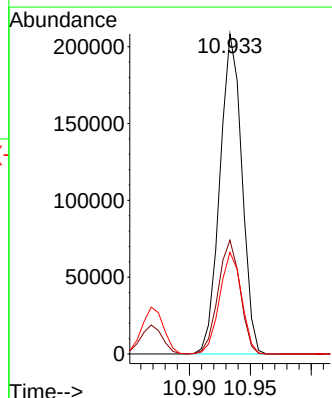
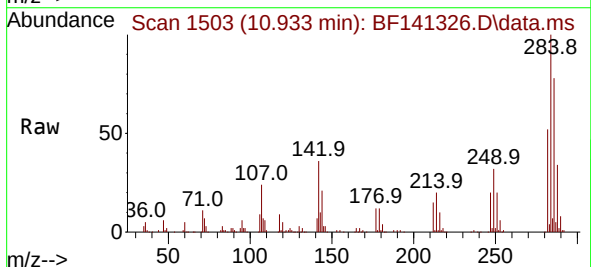
Instrument :
BNA_F
ClientSampleId :
PB166363BS

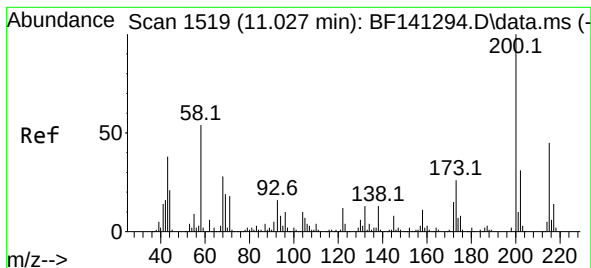
Tgt Ion:248 Resp: 251332
Ion Ratio Lower Upper
248 100
250 97.5 79.0 118.4
141 77.8 63.7 95.5



#68
Hexachlorobenzene
Concen: 38.896 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:284 Resp: 262205
Ion Ratio Lower Upper
284 100
142 35.5 29.5 44.3
249 31.8 25.4 38.2





#69

Atrazine

Concen: 45.789 ng

RT: 11.027 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

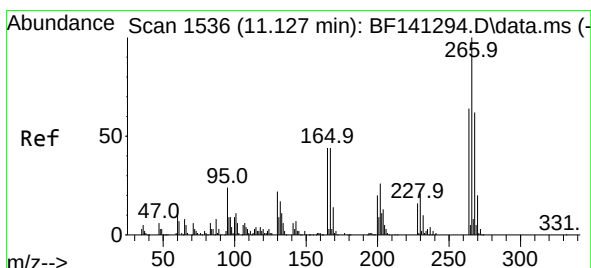
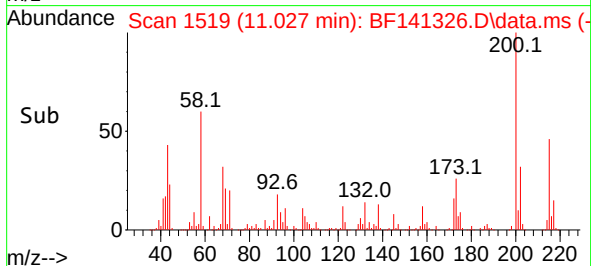
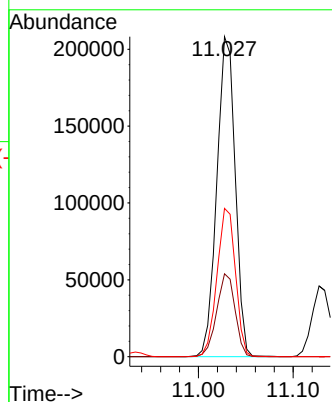
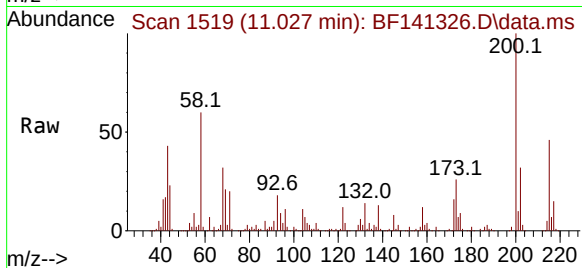
Tgt Ion:200 Resp: 281085

Ion Ratio Lower Upper

200 100

173 25.9 5.9 45.9

215 46.4 25.2 65.2



#70

Pentachlorophenol

Concen: 84.175 ng

RT: 11.127 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

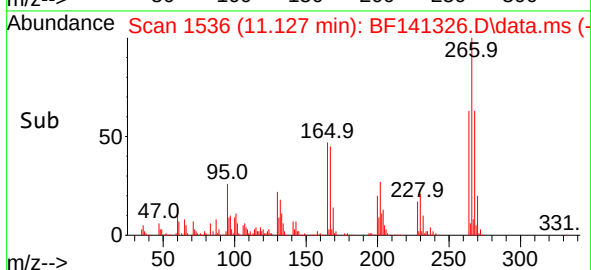
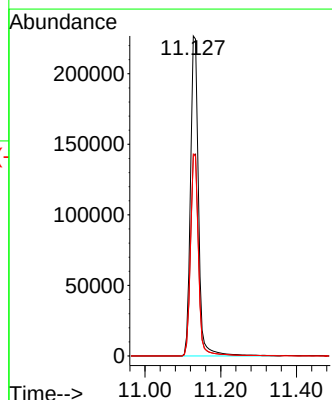
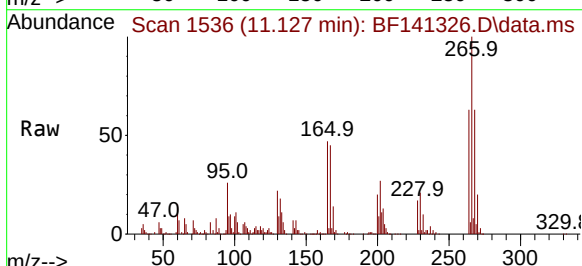
Tgt Ion:266 Resp: 332283

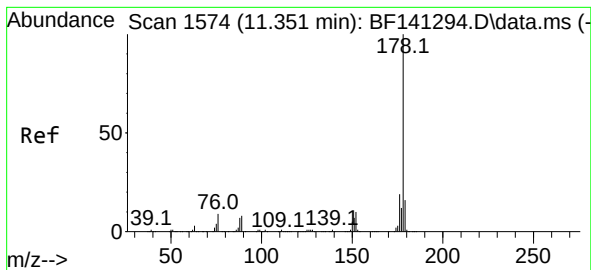
Ion Ratio Lower Upper

266 100

268 62.9 49.9 74.9

264 63.1 51.0 76.4

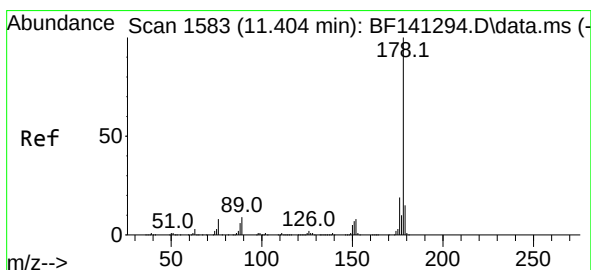
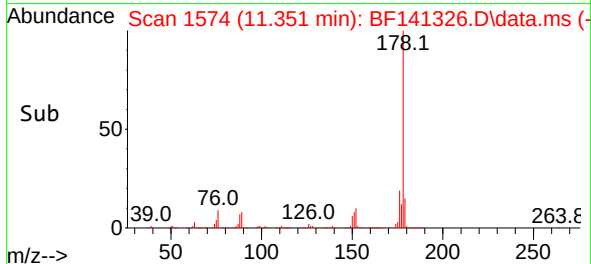
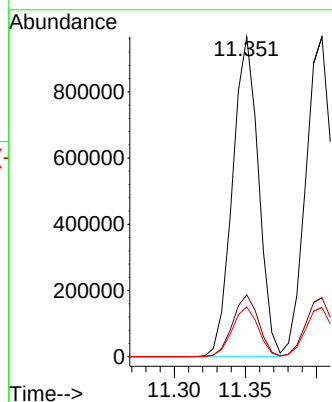
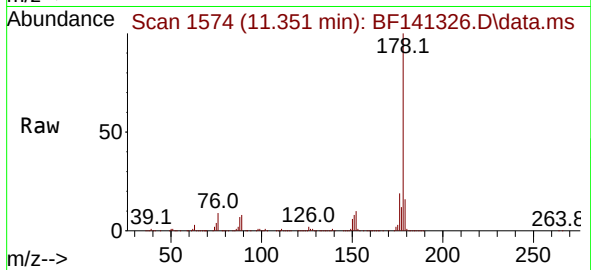




#71
Phenanthrene
Concen: 40.230 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

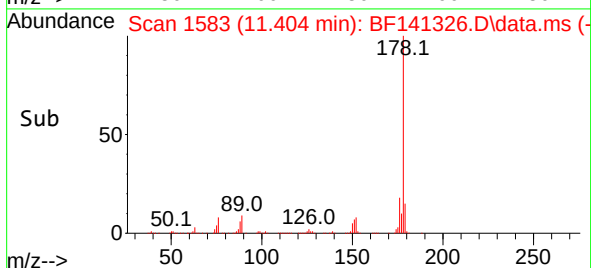
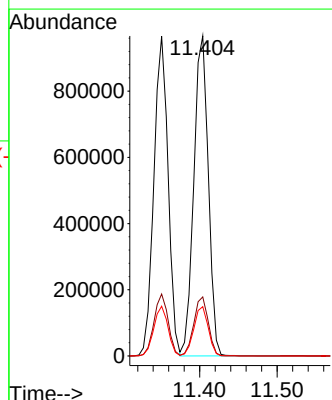
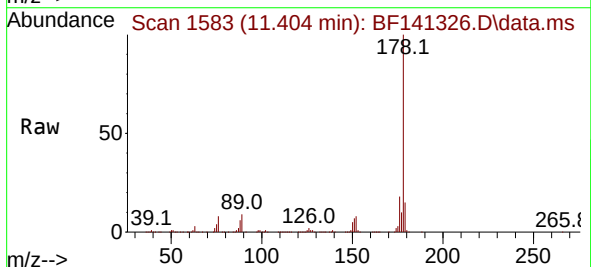
Instrument :
BNA_F
ClientSampleId :
PB166363BS

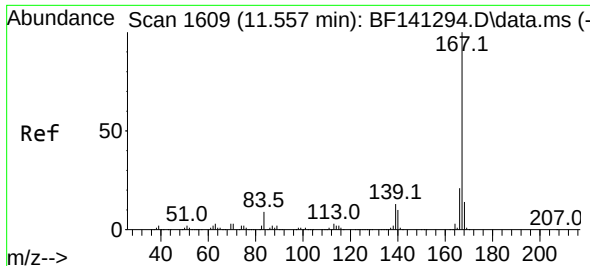
Tgt Ion:178 Resp: 1227588
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.6 12.5 18.7



#72
Anthracene
Concen: 41.915 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:178 Resp: 1253177
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 15.4 12.3 18.5



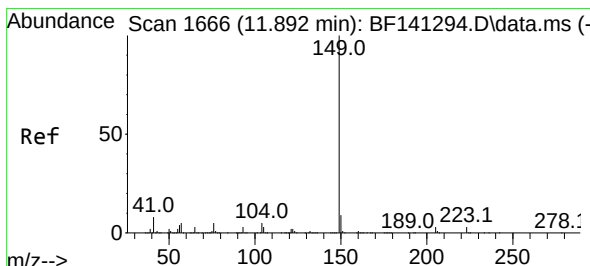
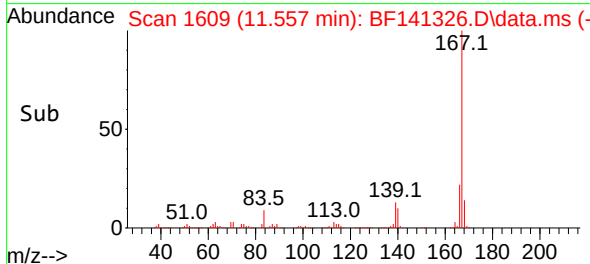
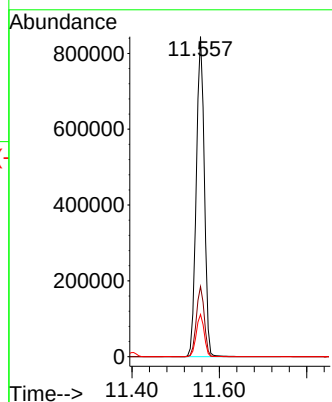
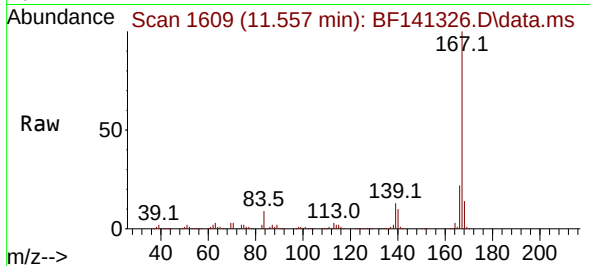


#73
 Carbazole
 Concen: 40.941 ng
 RT: 11.557 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF141326.D
 Acq: 31 Jan 2025 12:28

Instrument :
 BNA_F
 ClientSampleId :
 PB166363BS

Tgt Ion:167 Resp: 1085415

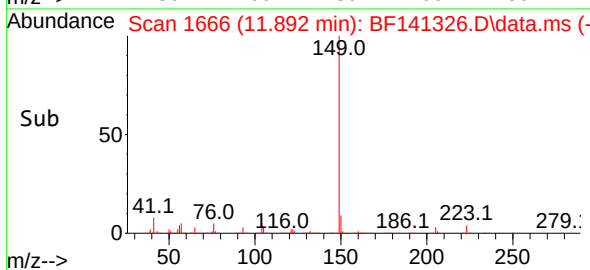
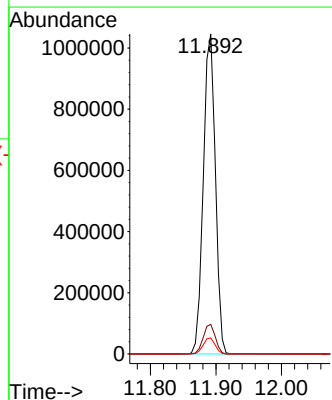
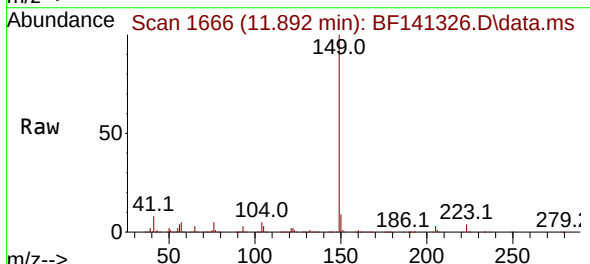
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.0	25.6
139	13.2	10.6	16.0

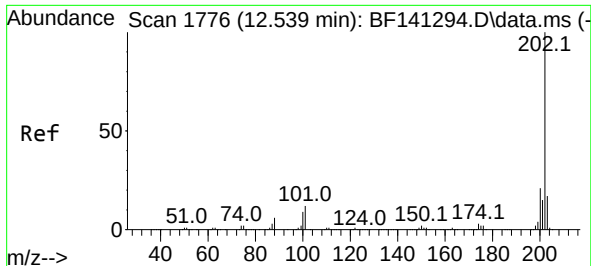


#74
 Di-n-butylphthalate
 Concen: 41.666 ng
 RT: 11.892 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF141326.D
 Acq: 31 Jan 2025 12:28

Tgt Ion:149 Resp: 1338697

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.0	3.9	5.9

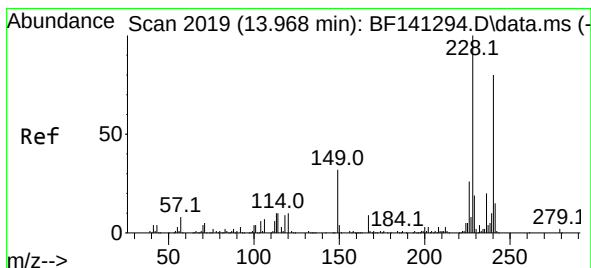
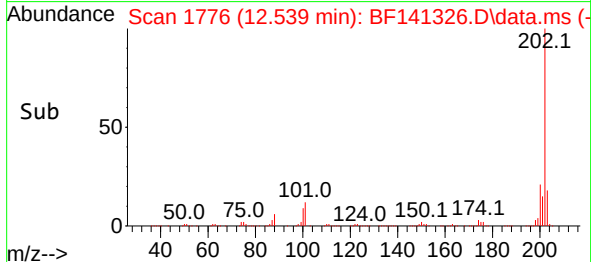
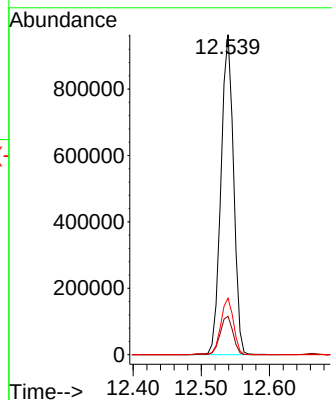
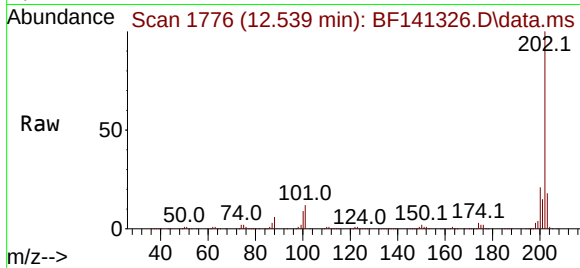




#75
Fluoranthene
Concen: 41.272 ng
RT: 12.539 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

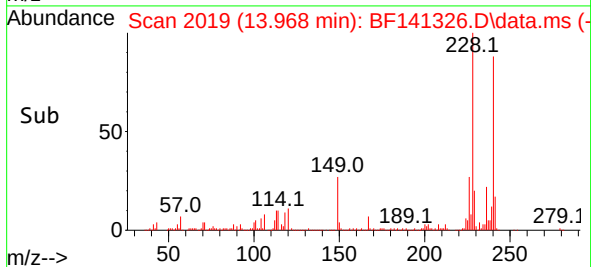
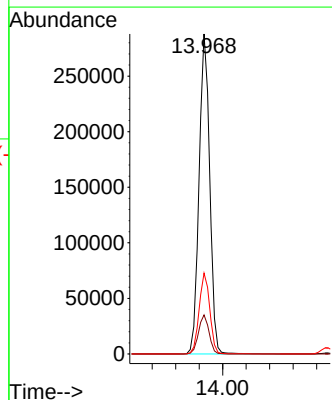
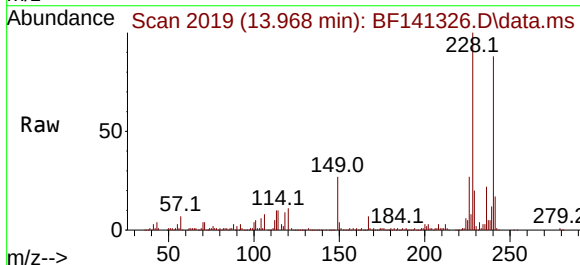
Instrument :
BNA_F
ClientSampleId :
PB166363BS

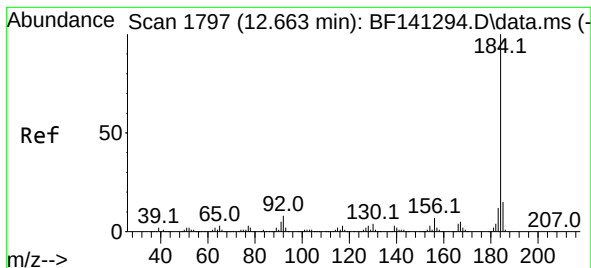
Tgt Ion:202 Resp: 1243504
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.7
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:240 Resp: 360251
Ion Ratio Lower Upper
240 100
120 12.2 10.0 15.0
236 25.3 19.7 29.5





#77

Benzidine

Concen: 57.740 ng

RT: 12.663 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

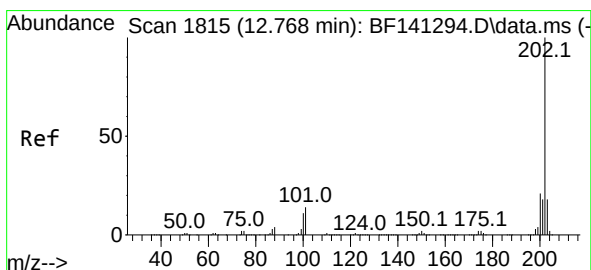
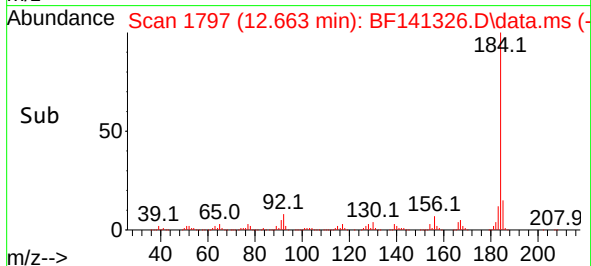
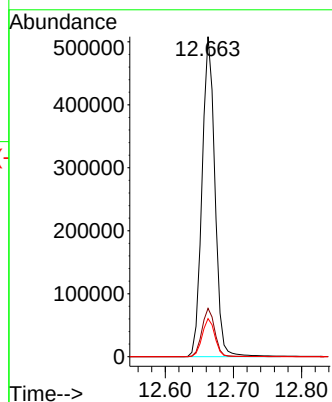
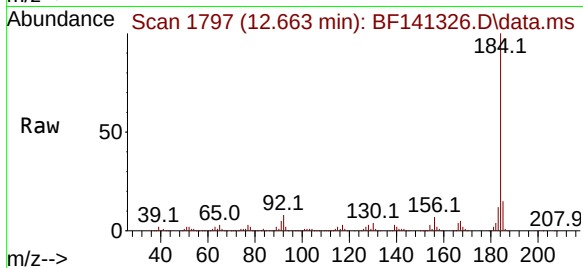
Tgt Ion:184 Resp: 666846

Ion Ratio Lower Upper

184 100

185 15.1 11.9 17.9

183 11.9 9.5 14.3



#78

Pyrene

Concen: 36.667 ng

RT: 12.768 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

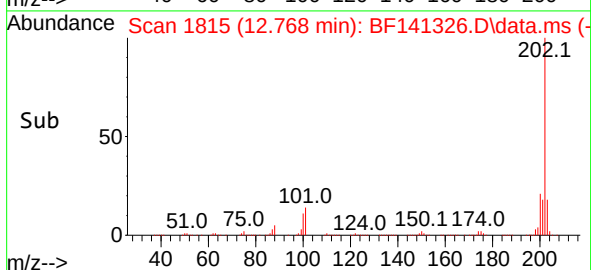
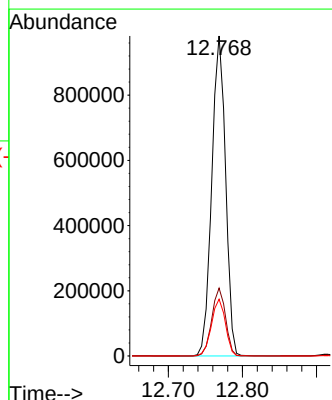
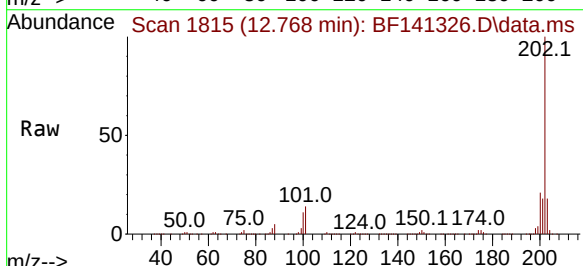
Tgt Ion:202 Resp: 1267965

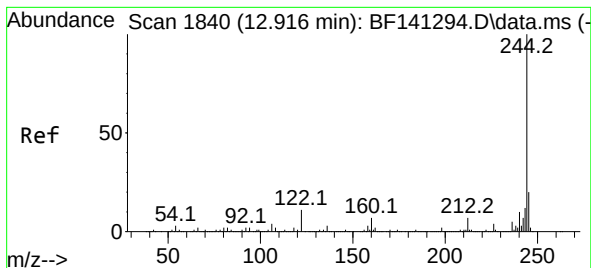
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 82.328 ng

RT: 12.916 min Scan# 1840

Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

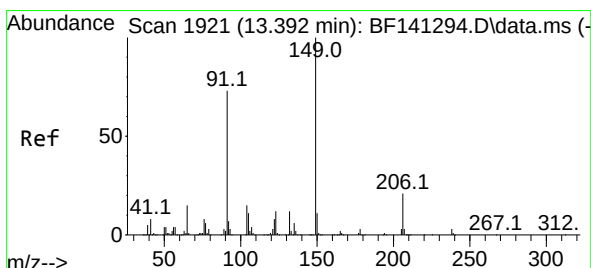
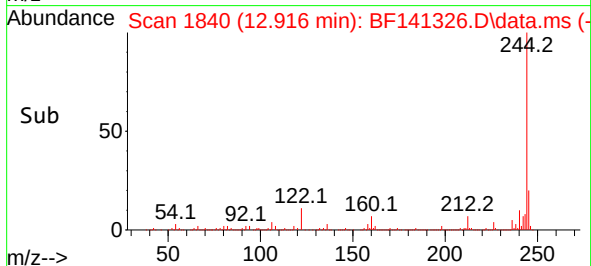
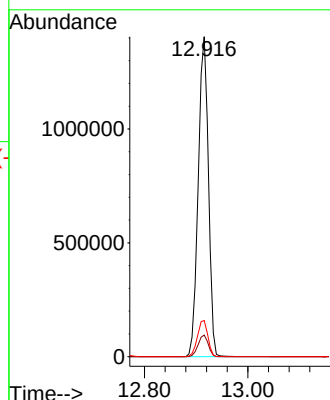
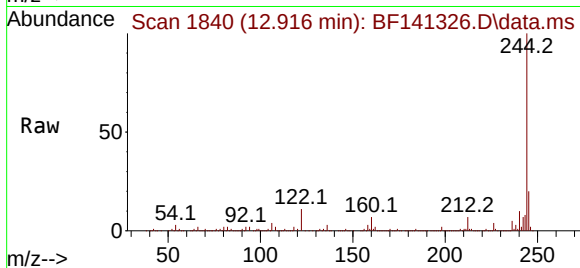
Tgt Ion:244 Resp: 1923163

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 11.3 8.8 13.2



#80

Butylbenzylphthalate

Concen: 43.249 ng

RT: 13.392 min Scan# 1921

Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

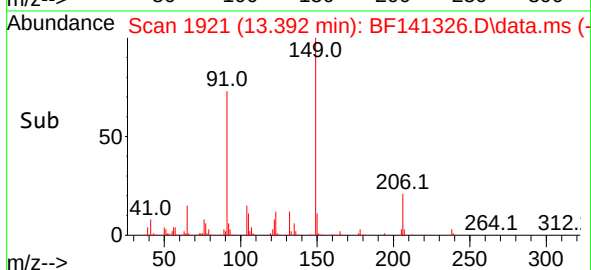
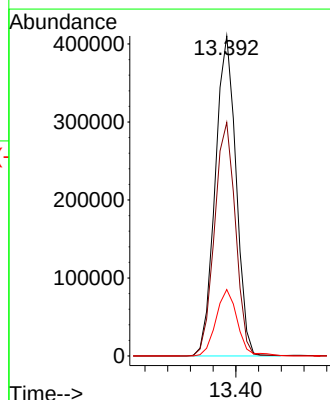
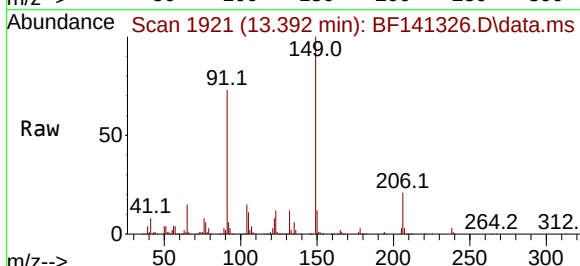
Tgt Ion:149 Resp: 522487

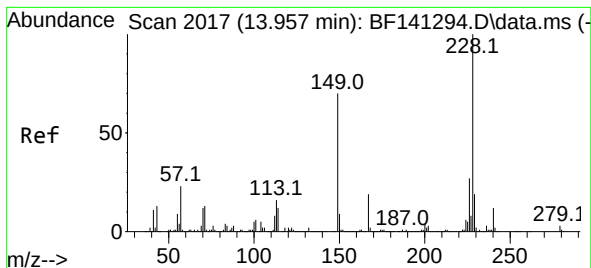
Ion Ratio Lower Upper

149 100

91 73.0 58.6 87.8

206 20.7 16.7 25.1





#81

Benzo(a)anthracene

Concen: 36.874 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

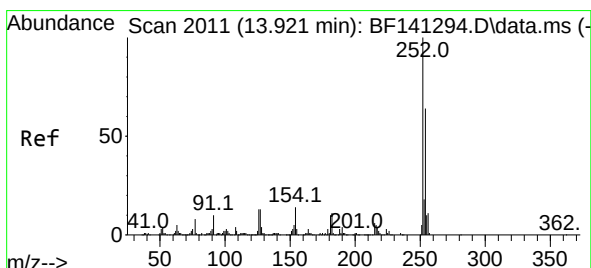
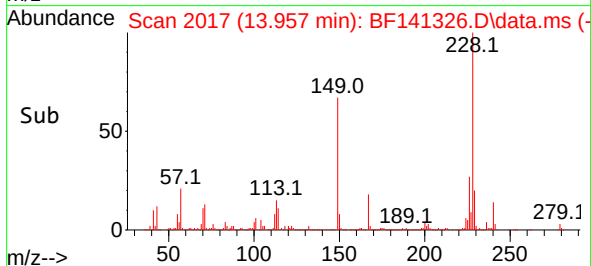
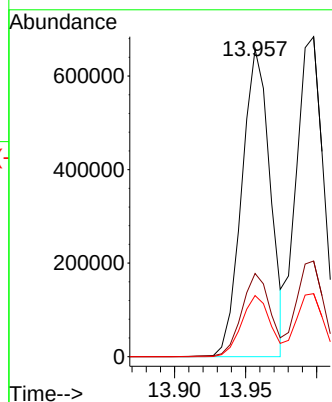
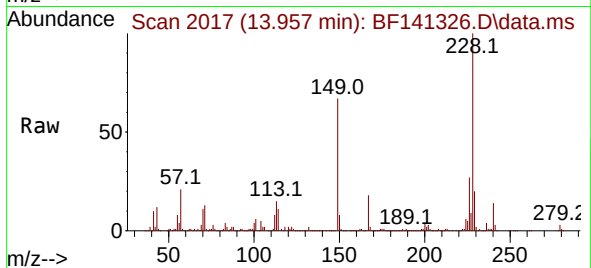
Tgt Ion:228 Resp: 916653

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.2

229 19.9 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 18.609 ng

RT: 13.921 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

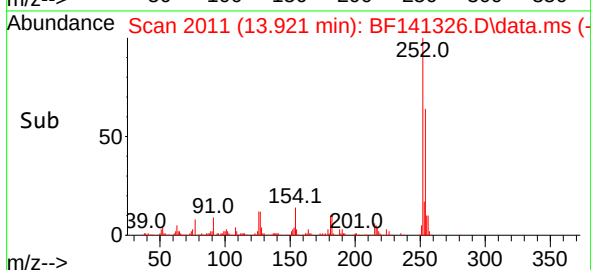
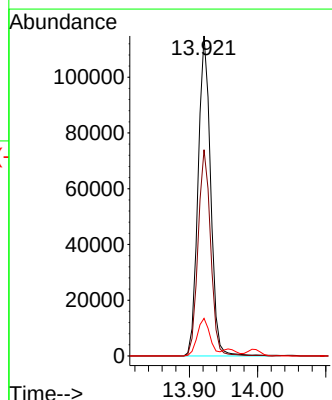
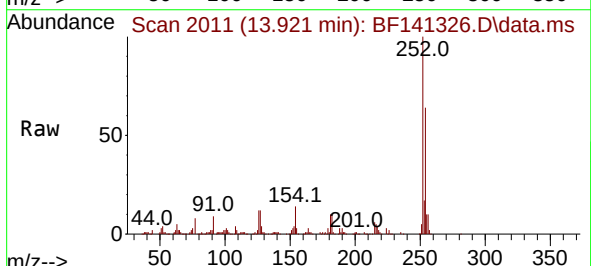
Tgt Ion:252 Resp: 147134

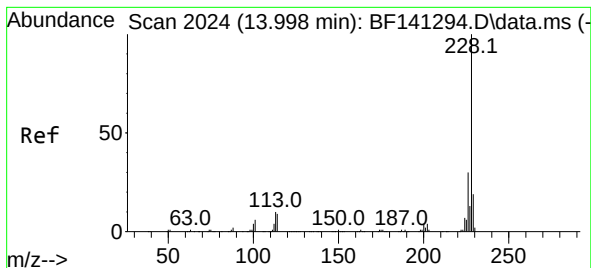
Ion Ratio Lower Upper

252 100

254 64.4 51.3 76.9

126 11.8 10.0 15.0





#83

Chrysene

Concen: 40.038 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

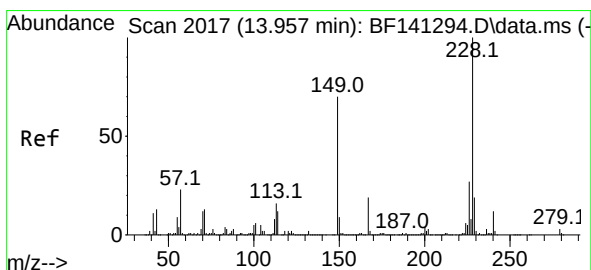
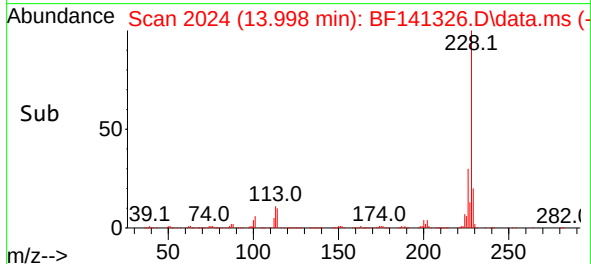
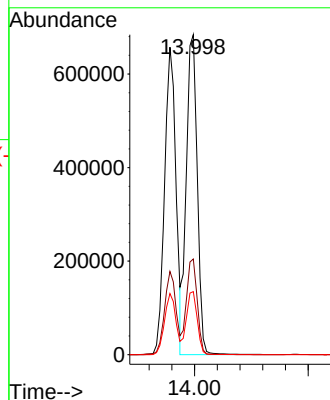
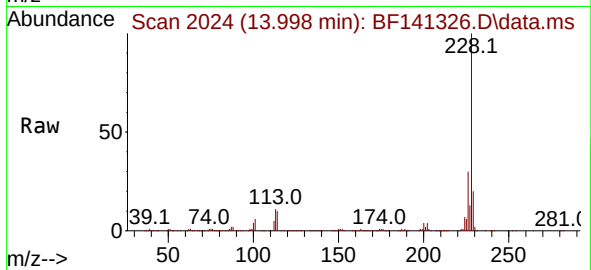
Tgt Ion:228 Resp: 912171

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.219 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

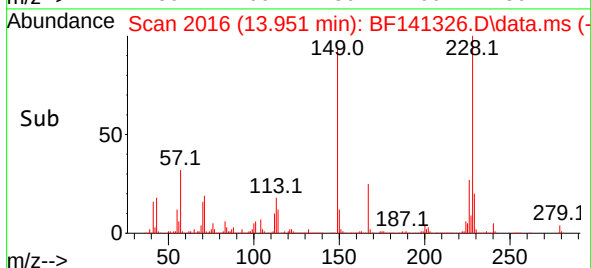
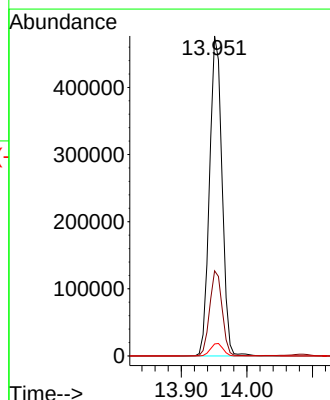
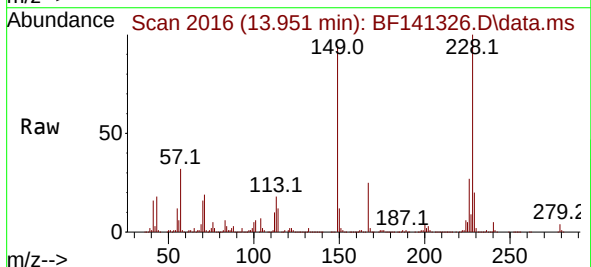
Tgt Ion:149 Resp: 631697

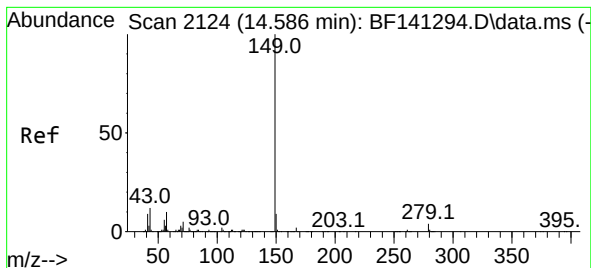
Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.8

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 42.094 ng

RT: 14.574 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

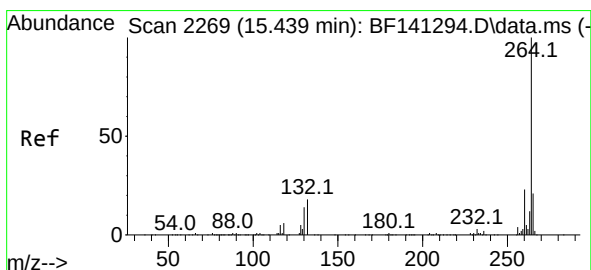
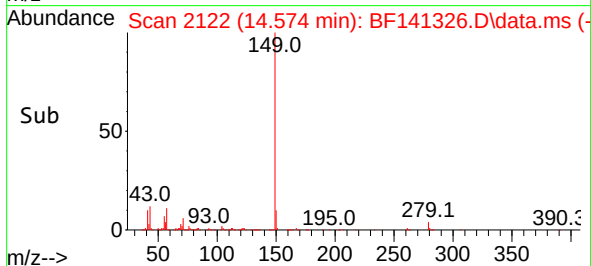
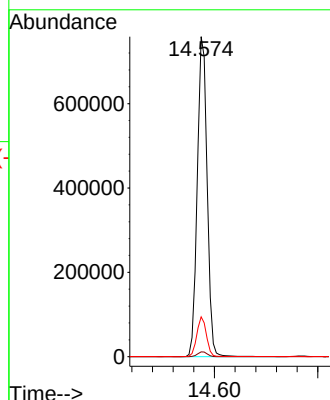
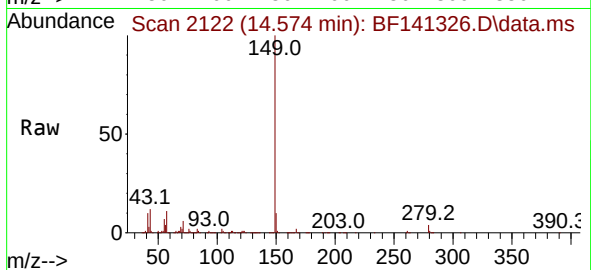
Tgt Ion:149 Resp: 1001969

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 12.1 9.8 14.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 2267

Delta R.T. -0.012 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

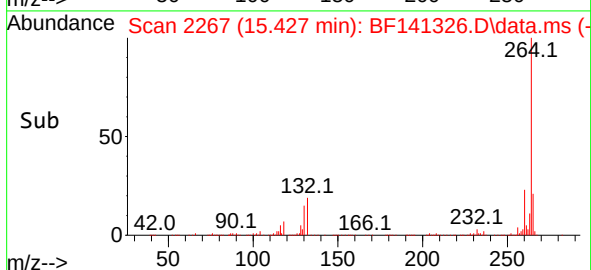
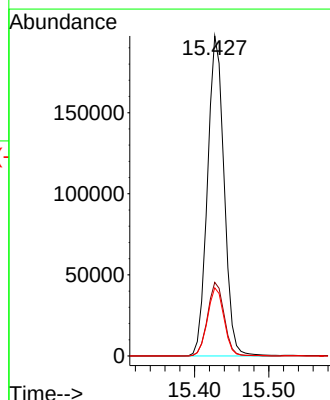
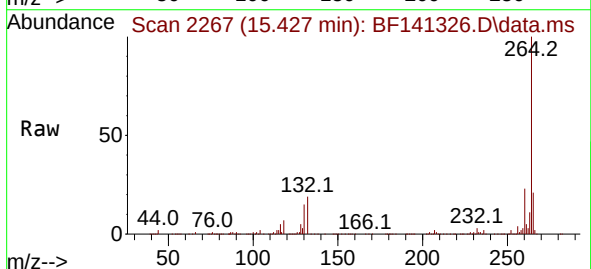
Tgt Ion:264 Resp: 306952

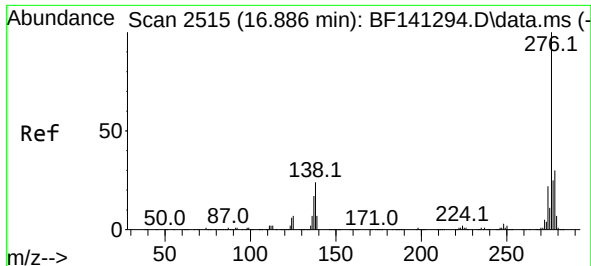
Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

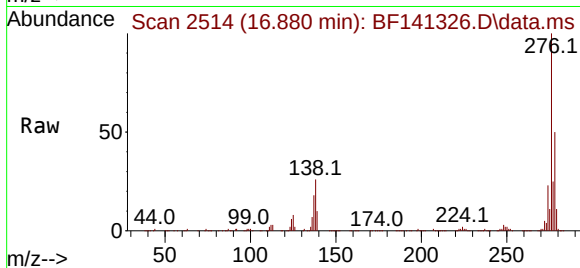
265 21.3 16.7 25.1



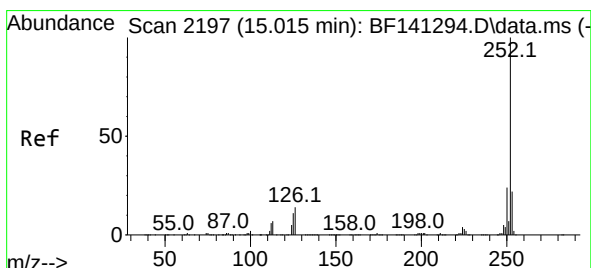
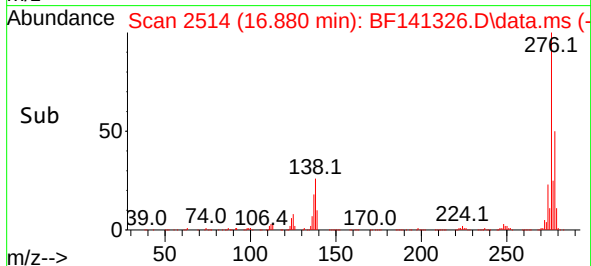
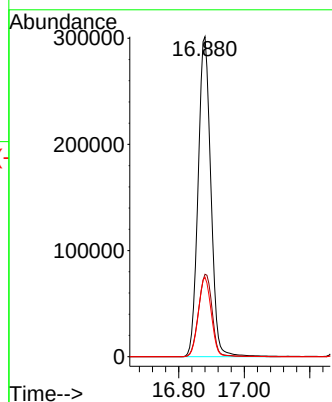


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.185 ng
 RT: 16.880 min Scan# 2196
 Delta R.T. -0.018 min
 Lab File: BF141326.D
 Acq: 31 Jan 2025 12:28

Instrument :
 BNA_F
 ClientSampleId :
 PB166363BS

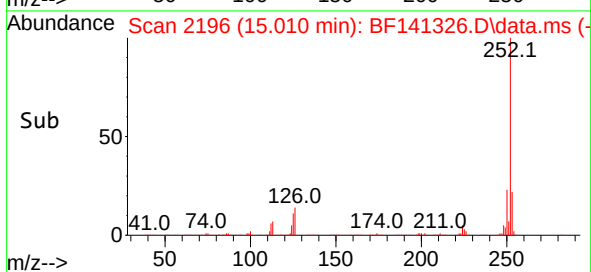
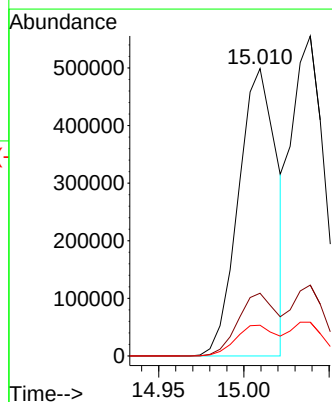
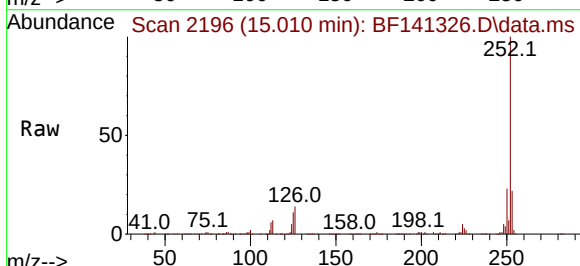


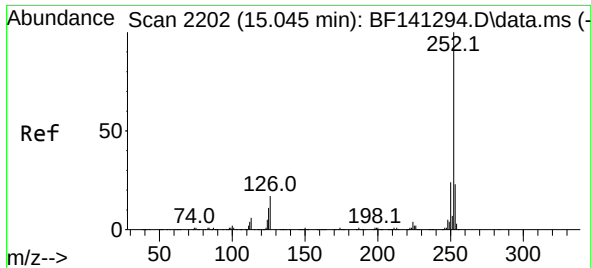
Tgt Ion:276 Resp: 815928
 Ion Ratio Lower Upper
 276 100
 138 27.7 21.7 32.5
 277 25.4 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 40.272 ng
 RT: 15.010 min Scan# 2196
 Delta R.T. -0.012 min
 Lab File: BF141326.D
 Acq: 31 Jan 2025 12:28

Tgt Ion:252 Resp: 777569
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.4 26.2
 125 10.7 8.6 12.8

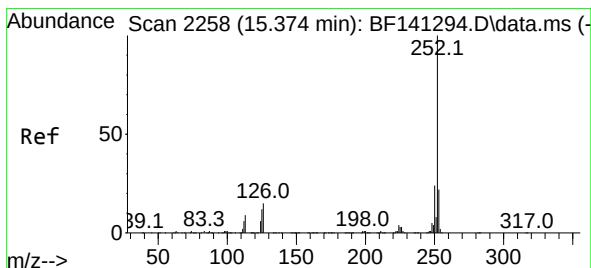
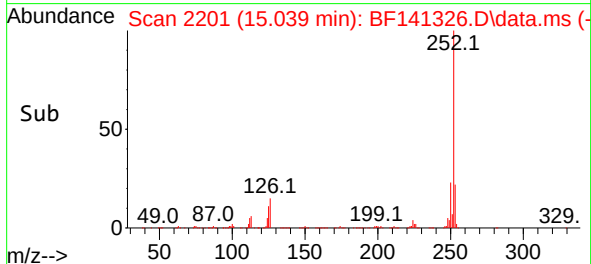
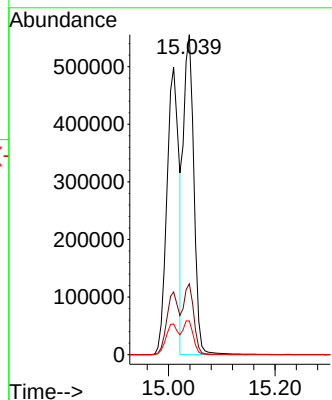
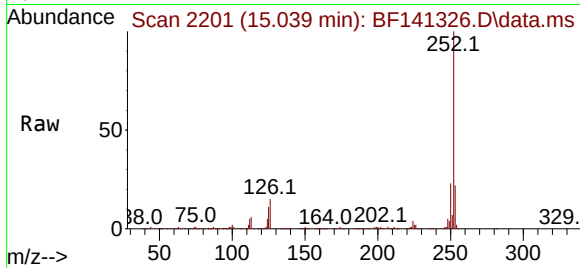




#89
Benzo(k)fluoranthene
Concen: 44.103 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

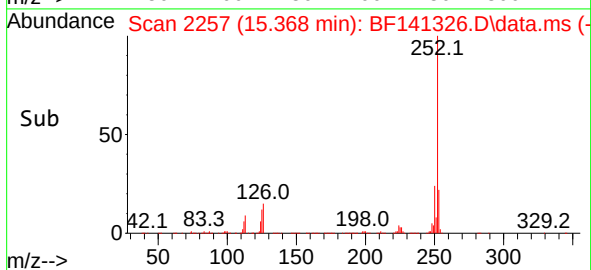
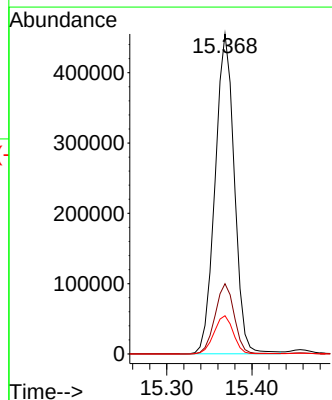
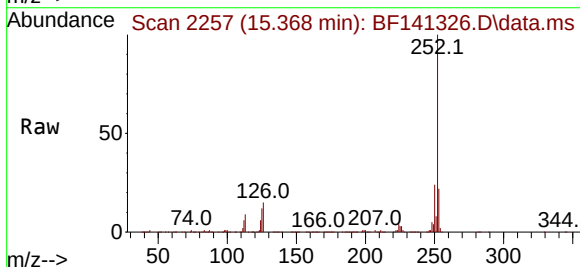
Instrument :
BNA_F
ClientSampleId :
PB166363BS

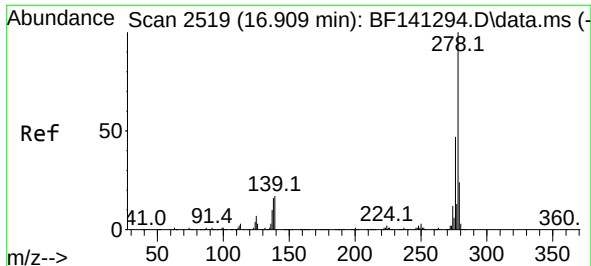
Tgt Ion:252 Resp: 754365
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.6 8.4 12.6



#90
Benzo(a)pyrene
Concen: 43.735 ng
RT: 15.368 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:252 Resp: 713591
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 11.9 9.4 14.2

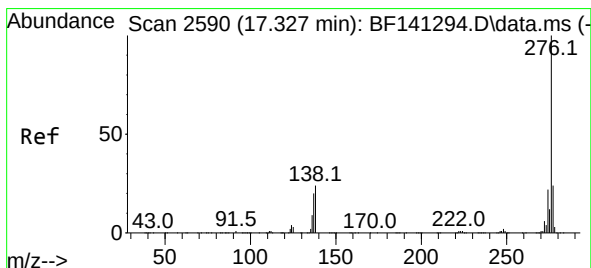
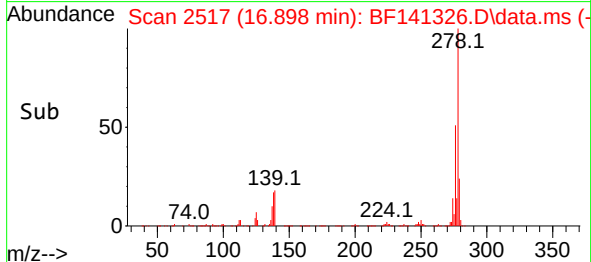
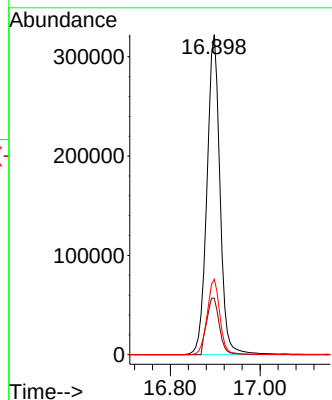
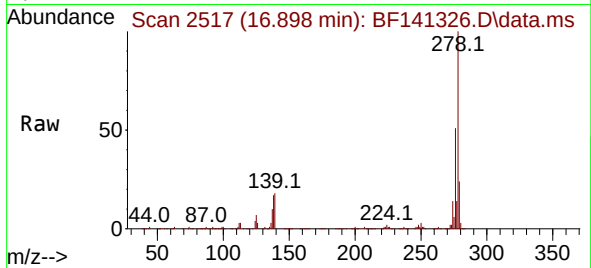




#91
Dibenzo(a,h)anthracene
Concen: 40.839 ng
RT: 16.898 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:278 Resp: 650927
Ion Ratio Lower Upper
278 100
139 17.7 13.9 20.9
279 23.6 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 38.467 ng
RT: 17.315 min Scan# 2588
Delta R.T. -0.030 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:276 Resp: 637520
Ion Ratio Lower Upper
276 100
277 24.4 19.2 28.8
138 23.9 19.0 28.4

