

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
 Data File : BF142094.D
 Acq On : 26 Mar 2025 13:37
 Operator : RC/JU
 Sample : PB167291BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167291BS

Quant Time: Mar 26 14:06:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	122397	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	473296	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	268303	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	482043	20.000	ng	0.00
76) Chrysene-d12	14.039	240	322263	20.000	ng	0.00
86) Perylene-d12	15.510	264	321854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1099322	149.899	ng	0.00
7) Phenol-d6	6.498	99	1332641	142.720	ng	0.00
23) Nitrobenzene-d5	7.434	82	881864	104.856	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	608306	178.715	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1825598	103.480	ng	-0.01
79) Terphenyl-d14	12.980	244	2380144	109.194	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	135358	44.050	ng	97
3) Pyridine	3.475	79	359174	47.652	ng	97
4) n-Nitrosodimethylamine	3.422	42	171377	47.697	ng	98
6) Aniline	6.534	93	418030	45.382	ng	98
8) 2-Chlorophenol	6.657	128	420471	51.695	ng	97
9) Benzaldehyde	6.422	77	268723	51.458	ng	99
10) Phenol	6.516	94	481278	48.994	ng	93
11) bis(2-Chloroethyl)ether	6.604	93	355700	48.223	ng	98
12) 1,3-Dichlorobenzene	6.810	146	450295	51.280	ng	99
13) 1,4-Dichlorobenzene	6.887	146	457906	51.539	ng	98
14) 1,2-Dichlorobenzene	7.040	146	440363	52.622	ng	98
15) Benzyl Alcohol	7.010	79	362439	48.013	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	379045	42.565	ng	95
17) 2-Methylphenol	7.122	107	326201	50.440	ng	99
18) Hexachloroethane	7.381	117	169263	50.804	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	267458	44.577	ng	99
20) 3+4-Methylphenols	7.275	107	410242	49.525	ng	# 84
22) Acetophenone	7.281	105	555798	49.037	ng	98
24) Nitrobenzene	7.451	77	418165	50.015	ng	99
25) Isophorone	7.692	82	742771	49.963	ng	99
26) 2-Nitrophenol	7.769	139	220621	53.764	ng	98
27) 2,4-Dimethylphenol	7.804	122	376818	66.689	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	443089	47.519	ng	100
29) 2,4-Dichlorophenol	8.010	162	354540	50.552	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	401088	51.894	ng	99
31) Naphthalene	8.175	128	1194119	49.116	ng	100
32) Benzoic acid	7.922	122	243742	49.074	ng	98
33) 4-Chloroaniline	8.222	127	153268	17.858	ng	98
34) Hexachlorobutadiene	8.292	225	272530	54.069	ng	98
35) Caprolactam	8.592	113	65209	30.497	ng	88
36) 4-Chloro-3-methylphenol	8.704	107	386684	49.426	ng	99
37) 2-Methylnaphthalene	8.869	142	720088	44.311	ng	99
38) 1-Methylnaphthalene	8.963	142	754833	48.135	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	418002	51.171	ng	98
41) Hexachlorocyclopentadiene	9.022	237	592891	185.457	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	271573	50.870	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
 Data File : BF142094.D
 Acq On : 26 Mar 2025 13:37
 Operator : RC/JU
 Sample : PB167291BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167291BS

Quant Time: Mar 26 14:06:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

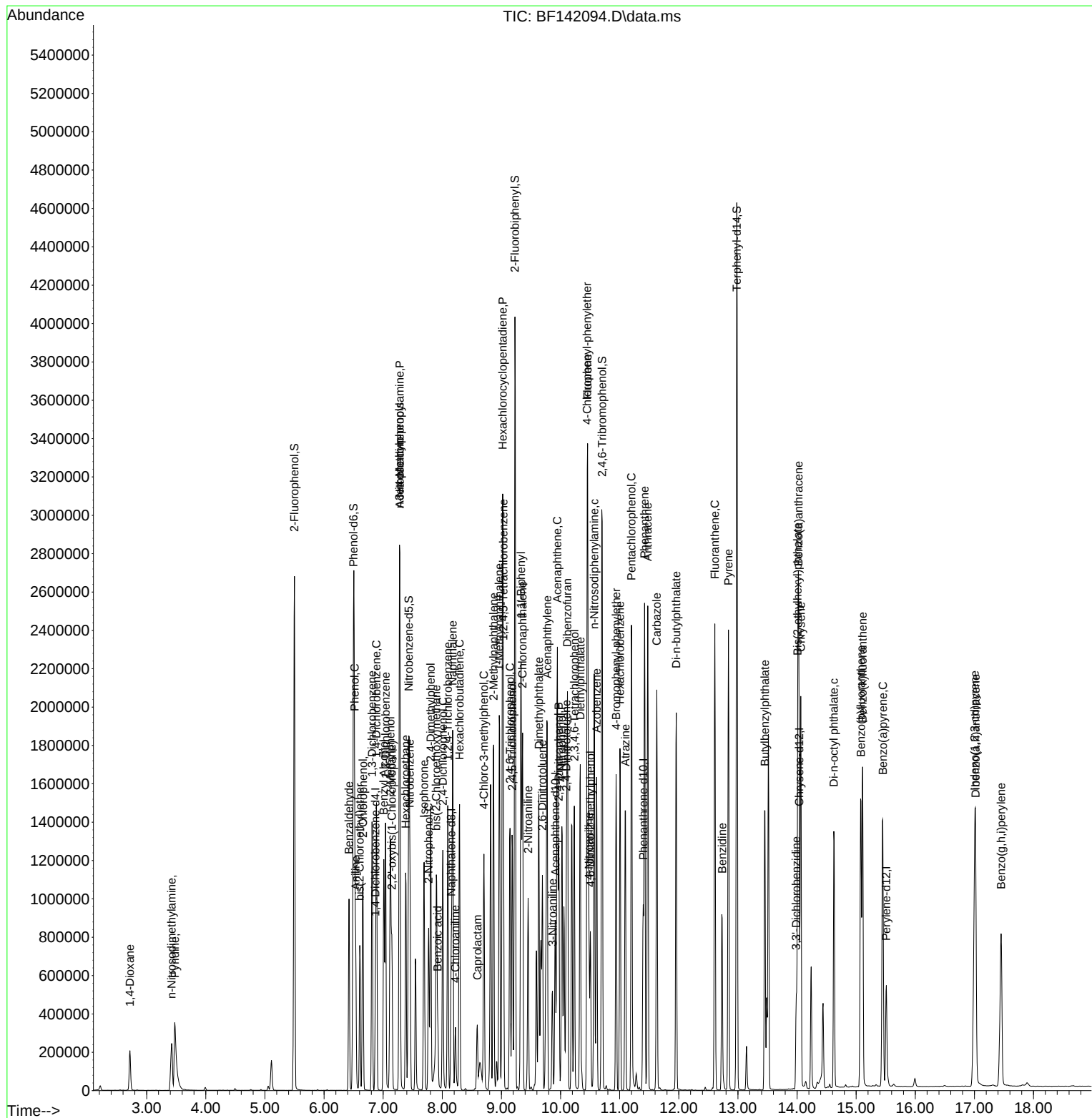
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	291268	53.869	ng	99
46) 1,1'-Biphenyl	9.334	154	1012662	49.674	ng	99
47) 2-Chloronaphthalene	9.357	162	768374	50.569	ng	99
48) 2-Nitroaniline	9.451	65	227209	51.644	ng	97
49) Acenaphthylene	9.775	152	1220523	54.129	ng	100
50) Dimethylphthalate	9.634	163	926449	49.309	ng	99
51) 2,6-Dinitrotoluene	9.692	165	205681	52.577	ng	95
52) Acenaphthene	9.945	154	901603	56.898	ng	99
53) 3-Nitroaniline	9.863	138	119271	30.057	ng	95
54) 2,4-Dinitrophenol	9.969	184	245430	107.921	ng	# 48
55) Dibenzofuran	10.116	168	1104971	48.802	ng	99
56) 4-Nitrophenol	10.022	139	339980	113.610	ng	97
57) 2,4-Dinitrotoluene	10.098	165	294818	57.701	ng	99
58) Fluorene	10.457	166	893289	51.160	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	265659	53.994	ng	96
60) Diethylphthalate	10.334	149	918085	49.005	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	459496	50.476	ng	96
62) 4-Nitroaniline	10.481	138	213211	55.190	ng	98
63) Azobenzene	10.610	77	808197	46.401	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	167710	58.361	ng	98
66) n-Nitrosodiphenylamine	10.569	169	783637	50.236	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	305258	50.423	ng	98
68) Hexachlorobenzene	11.004	284	358503	53.993	ng	97
69) Atrazine	11.098	200	292239	61.112	ng	99
70) Pentachlorophenol	11.198	266	427356	104.464	ng	99
71) Phenanthrene	11.422	178	1352485	51.945	ng	100
72) Anthracene	11.475	178	1399528	53.577	ng	100
73) Carbazole	11.628	167	1203410	53.419	ng	100
74) Di-n-butylphthalate	11.957	149	1439596	48.161	ng	99
75) Fluoranthene	12.610	202	1410069	51.055	ng	99
77) Benzidine	12.733	184	529491	117.765	ng	100
78) Pyrene	12.839	202	1404222	50.374	ng	100
80) Butylbenzylphthalate	13.457	149	511101	46.844	ng	96
81) Benzo(a)anthracene	14.027	228	1122815	53.096	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	152262	24.915	ng	98
83) Chrysene	14.063	228	999922	52.163	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	652335	43.363	ng	99
85) Di-n-octyl phthalate	14.621	149	971171	46.397	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	1033775	49.652	ng	97
88) Benzo(b)fluoranthene	15.080	252	1022975	46.376	ng	99
89) Benzo(k)fluoranthene	15.110	252	957431	50.719	ng	99
90) Benzo(a)pyrene	15.451	252	941727	54.561	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	839440	48.866	ng	98
92) Benzo(g,h,i)perylene	17.451	276	781614	46.043	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
 Data File : BF142094.D
 Acq On : 26 Mar 2025 13:37
 Operator : RC/JU
 Sample : PB167291BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167291BS

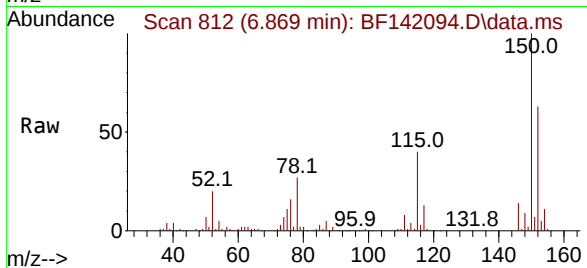
Quant Time: Mar 26 14:06:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration



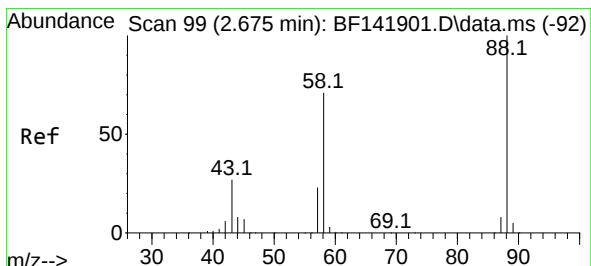
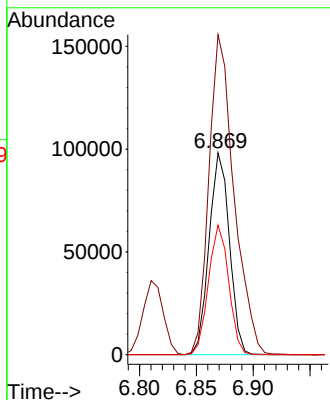
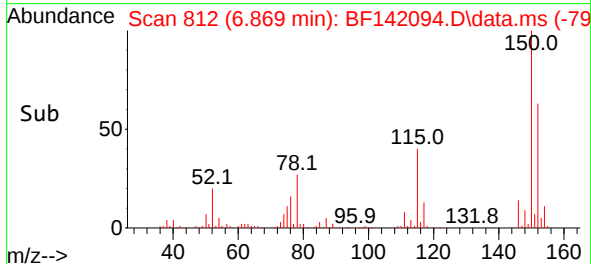


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Instrument :
BNA_F
ClientSampleId :
PB167291BS

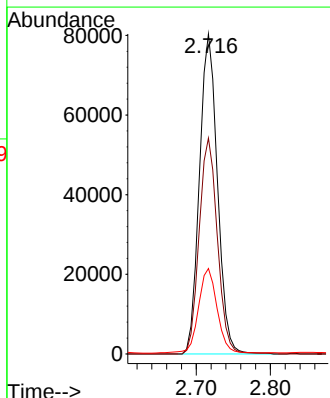
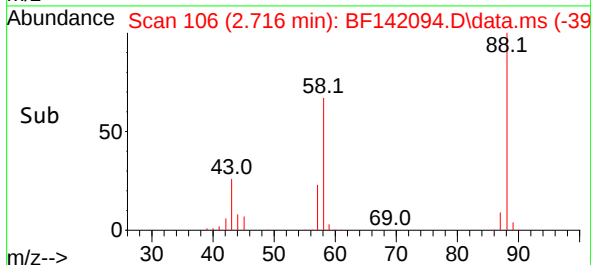
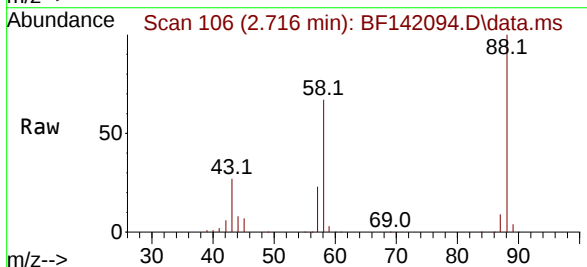


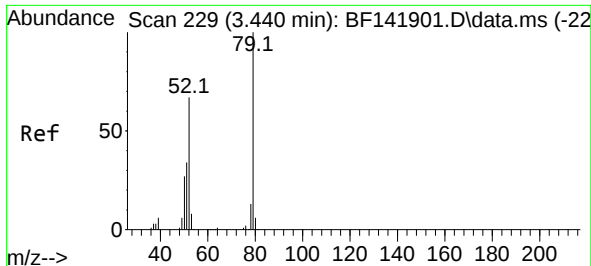
Tgt Ion:152 Resp: 122397
Ion Ratio Lower Upper
152 100
150 158.6 127.4 191.2
115 64.2 51.9 77.9



#2
1,4-Dioxane
Concen: 44.050 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.041 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion: 88 Resp: 135358
Ion Ratio Lower Upper
88 100
58 68.4 57.4 86.2
43 27.4 21.5 32.3





#3

Pyridine

Concen: 47.652 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167291BS

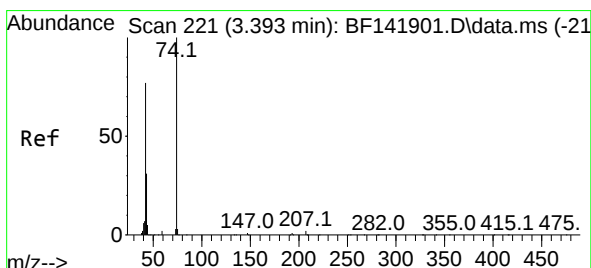
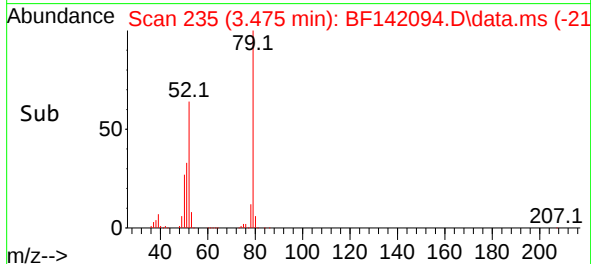
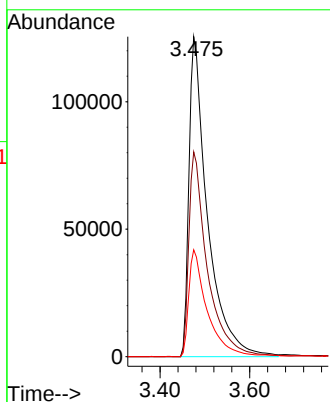
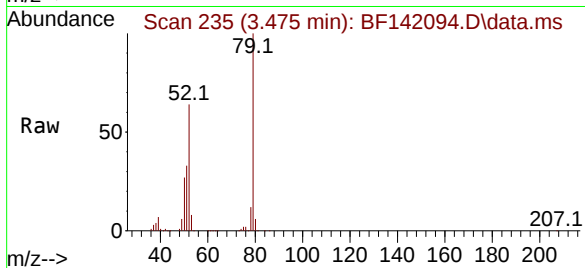
Tgt Ion: 79 Resp: 359174

Ion Ratio Lower Upper

79 100

52 64.0 53.3 79.9

51 33.4 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 47.697 ng

RT: 3.422 min Scan# 226

Delta R.T. 0.030 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

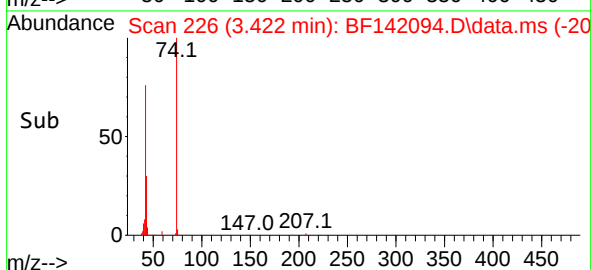
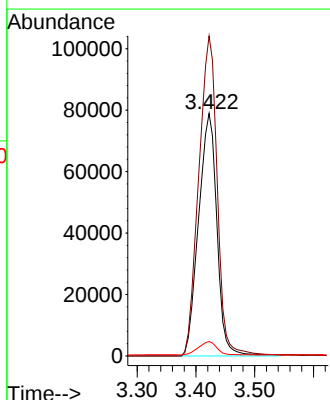
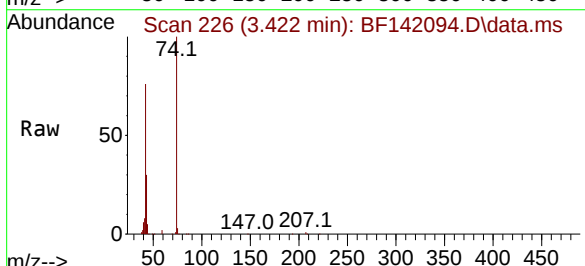
Tgt Ion: 42 Resp: 171377

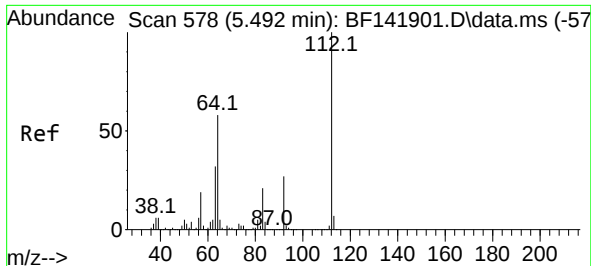
Ion Ratio Lower Upper

42 100

74 131.9 103.4 155.0

44 6.0 5.0 7.4

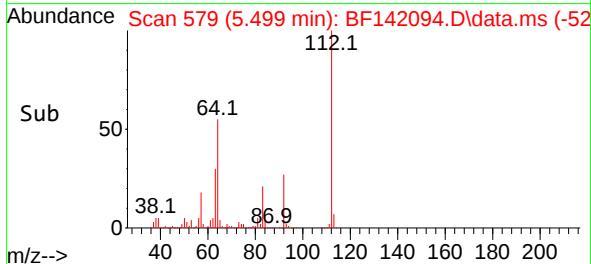
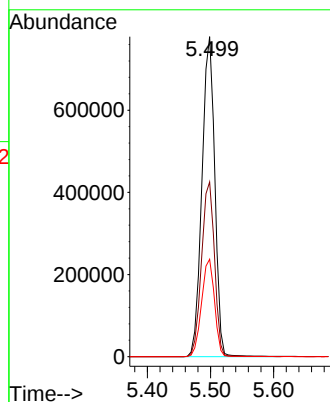
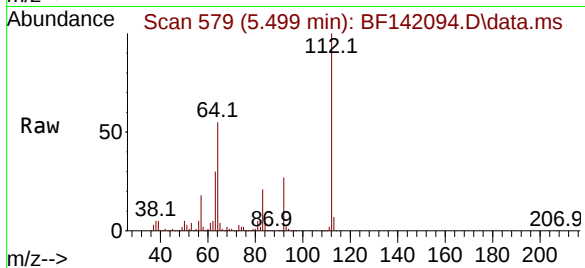




#5
2-Fluorophenol
Concen: 149.899 ng
RT: 5.499 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

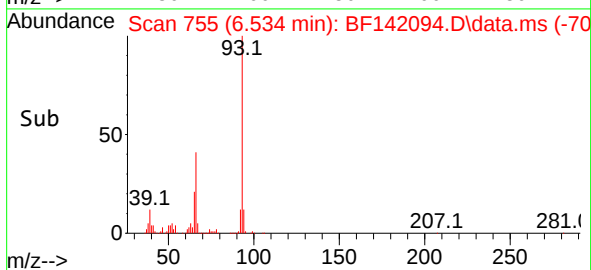
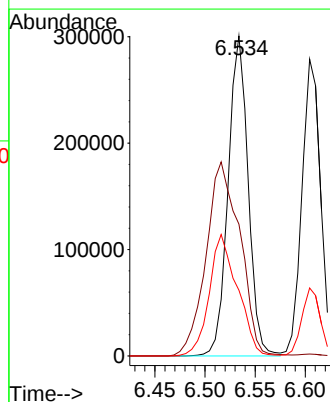
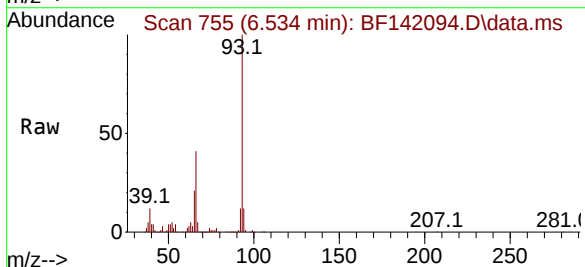
Instrument :
BNA_F
ClientSampleId :
PB167291BS

Tgt Ion:112 Resp: 1099322
Ion Ratio Lower Upper
112 100
64 54.6 46.5 69.7
63 30.5 25.4 38.2



#6
Aniline
Concen: 45.382 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion: 93 Resp: 418030
Ion Ratio Lower Upper
93 100
66 41.2 31.9 47.9
65 20.6 15.8 23.6

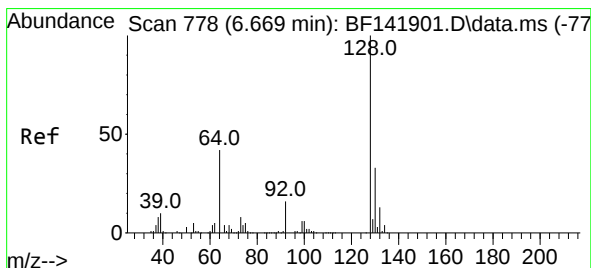
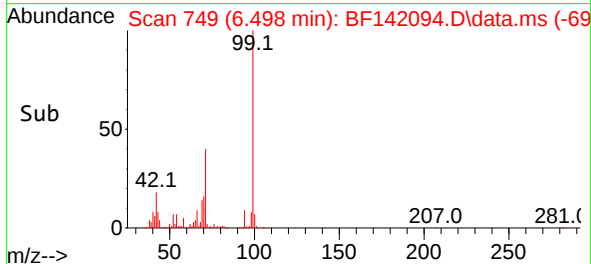
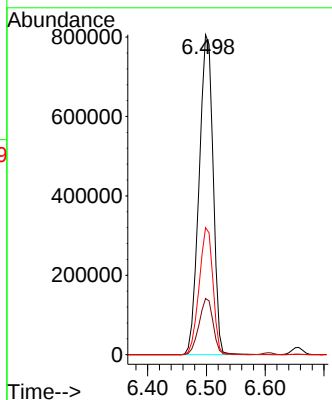
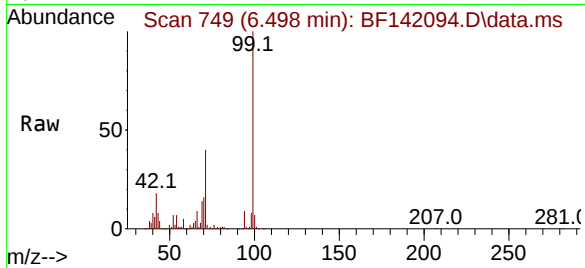




#7
Phenol-d6
Concen: 142.720 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

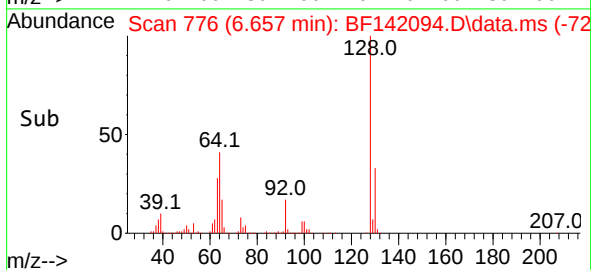
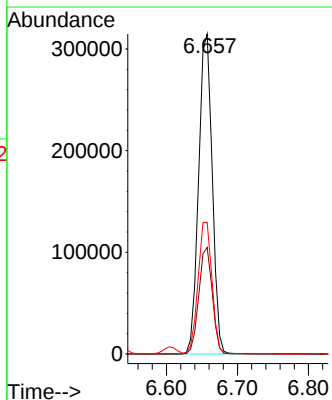
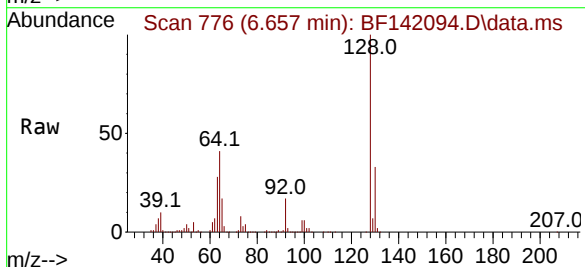
Instrument :
BNA_F
ClientSampleId :
PB167291BS

Tgt Ion: 99 Resp: 1332641
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 39.7 30.8 46.2



#8
2-Chlorophenol
Concen: 51.695 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion:128 Resp: 420471
Ion Ratio Lower Upper
128 100
130 33.3 12.8 52.8
64 41.2 24.4 64.4

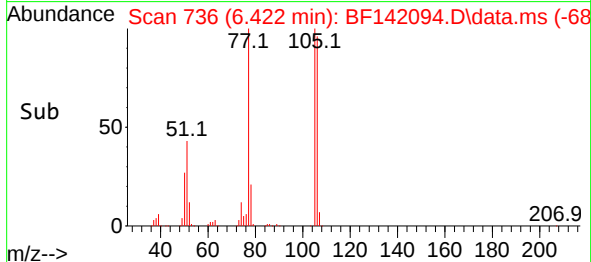
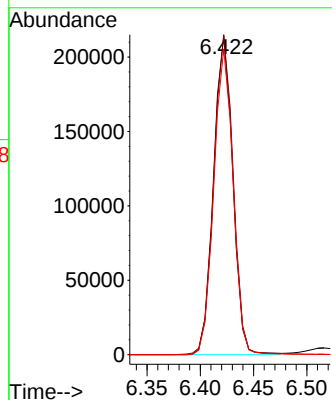
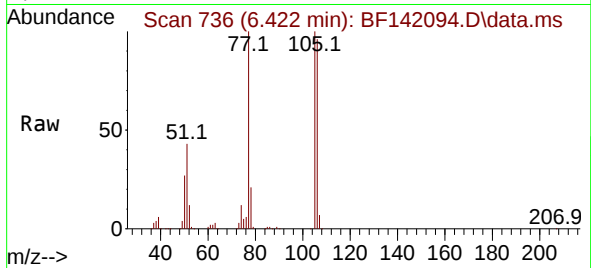




#9
Benzaldehyde
Concen: 51.458 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

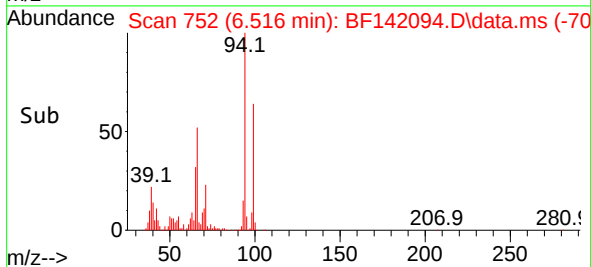
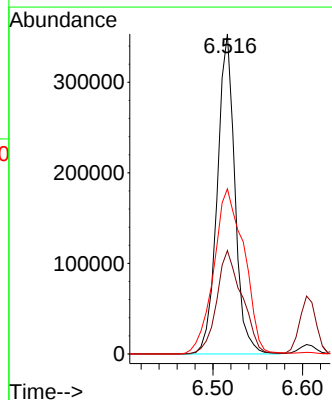
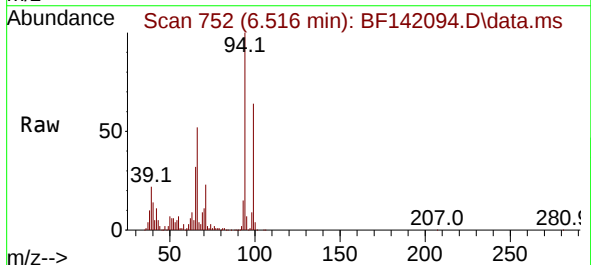
Instrument :
BNA_F
ClientSampleId :
PB167291BS

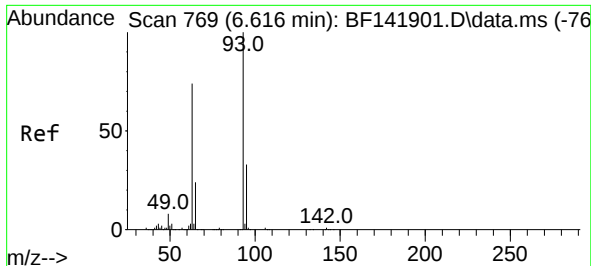
Tgt Ion: 77 Resp: 268723
Ion Ratio Lower Upper
77 100
105 100.4 80.0 120.0
106 95.9 74.5 114.5



#10
Phenol
Concen: 48.994 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion: 94 Resp: 481278
Ion Ratio Lower Upper
94 100
65 32.3 10.5 50.5
66 51.6 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 48.223 ng

RT: 6.604 min Scan# 7

Delta R.T. -0.012 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167291BS

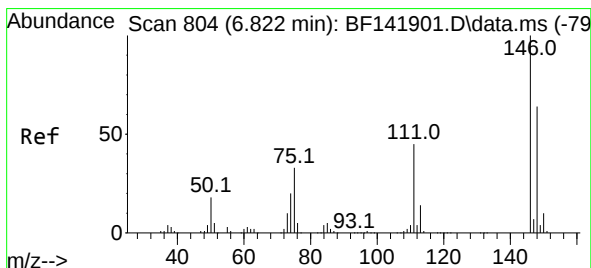
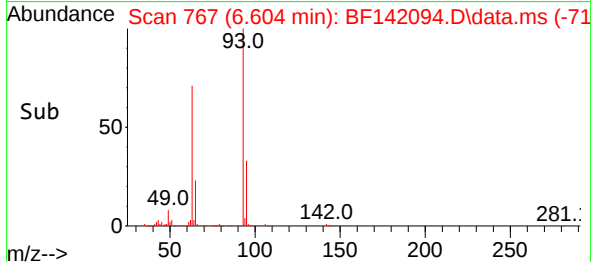
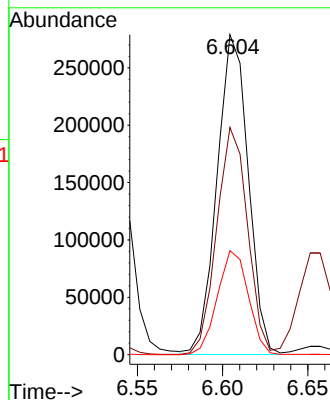
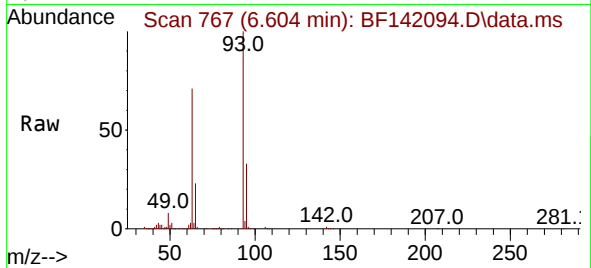
Tgt Ion: 93 Resp: 355700

Ion Ratio Lower Upper

93 100

63 71.0 53.0 93.0

95 32.5 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 51.280 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.012 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

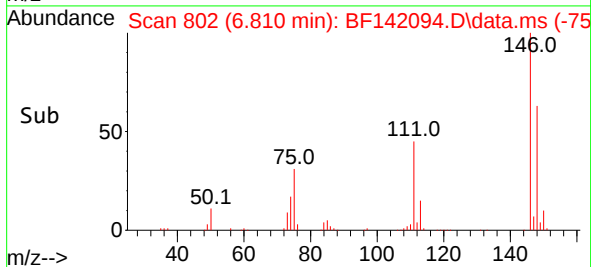
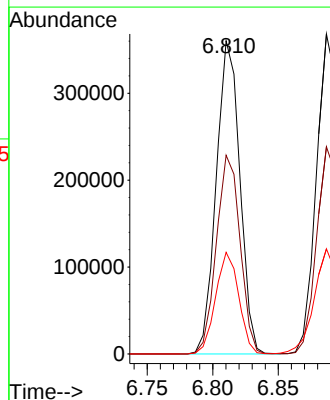
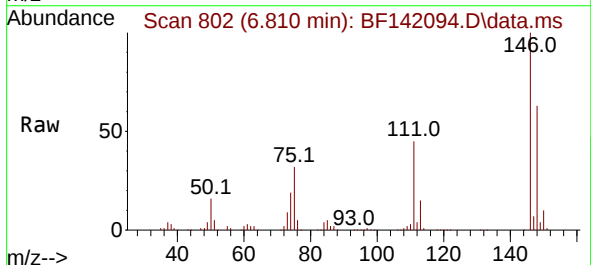
Tgt Ion:146 Resp: 450295

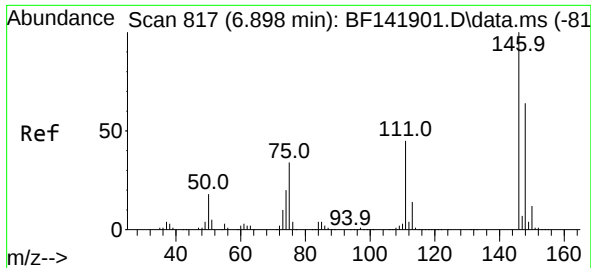
Ion Ratio Lower Upper

146 100

148 63.5 51.3 76.9

75 32.4 26.6 40.0

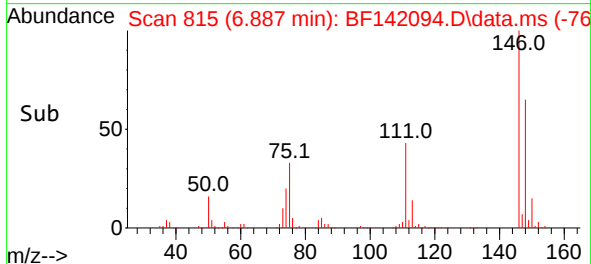
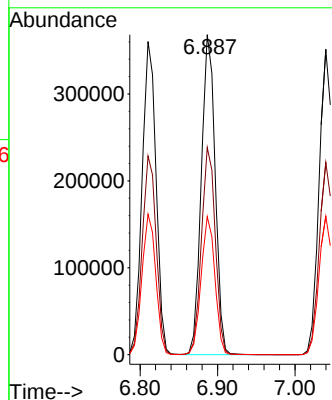
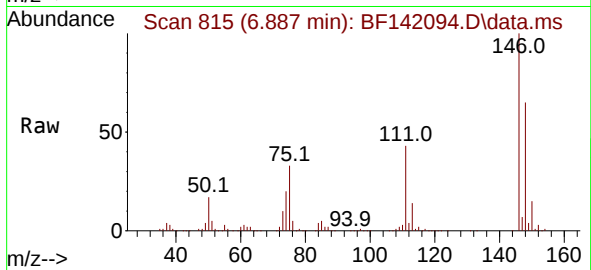




#13
1,4-Dichlorobenzene
Concen: 51.539 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

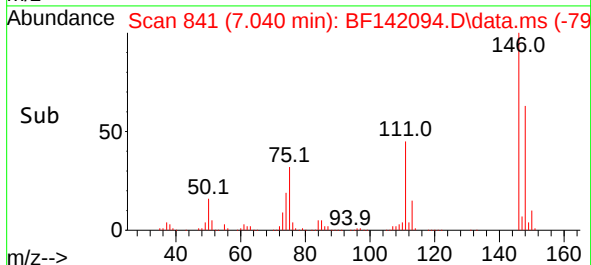
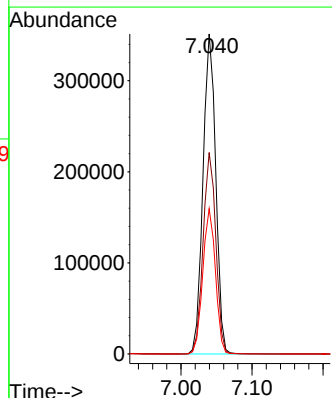
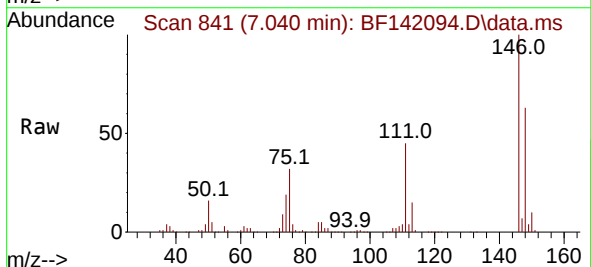
Instrument :
BNA_F
ClientSampleId :
PB167291BS

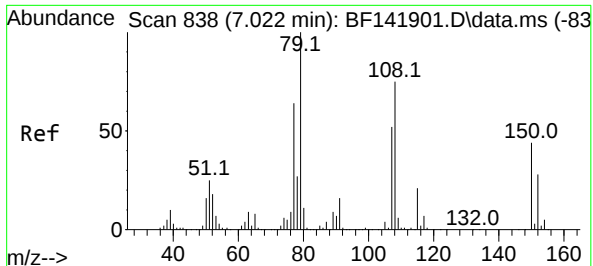
Tgt Ion:146 Resp: 457906
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.6
111 43.2 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 52.622 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion:146 Resp: 440363
Ion Ratio Lower Upper
146 100
148 63.0 50.8 76.2
111 45.4 38.0 57.0





#15

Benzyl Alcohol

Concen: 48.013 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167291BS

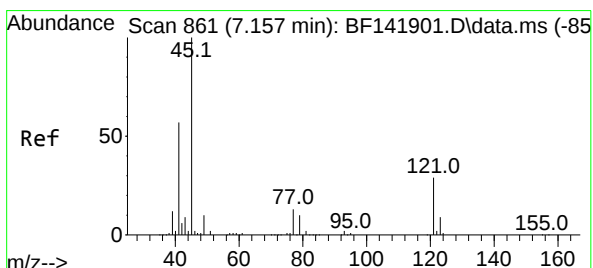
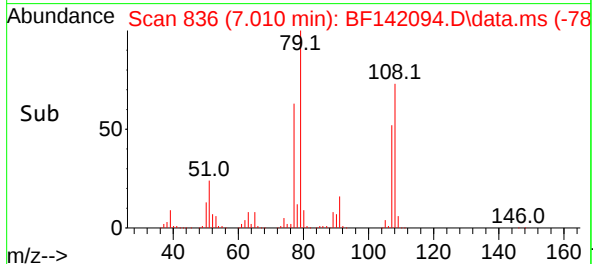
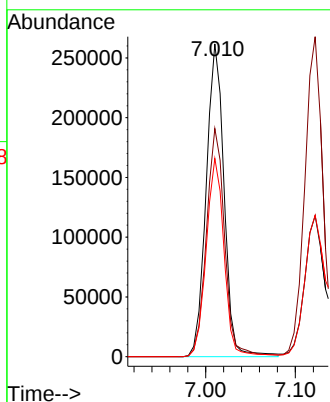
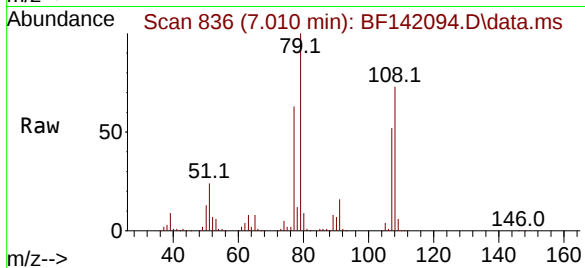
Tgt Ion: 79 Resp: 362439

Ion Ratio Lower Upper

79 100

108 73.0 59.7 89.5

77 63.4 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.565 ng

RT: 7.145 min Scan# 859

Delta R.T. -0.012 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

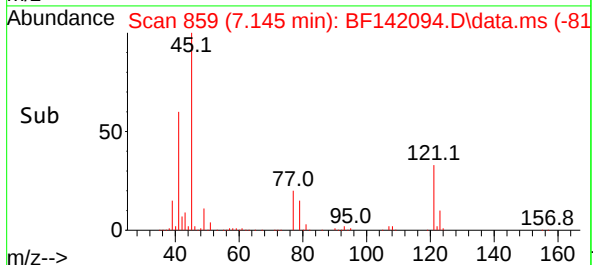
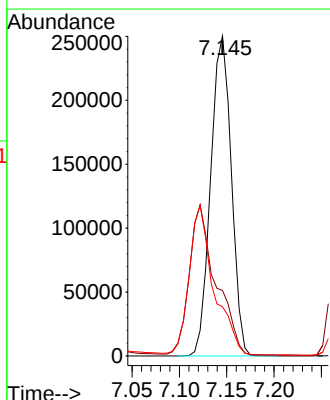
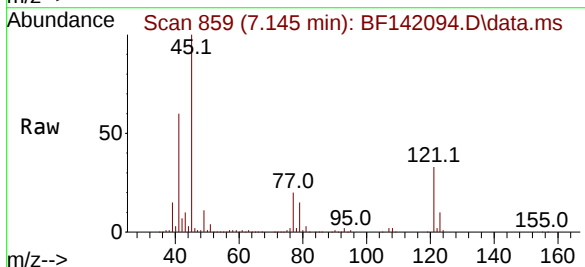
Tgt Ion: 45 Resp: 379045

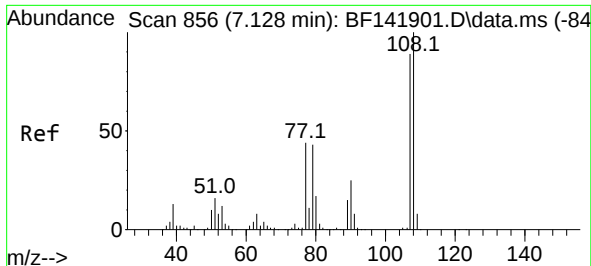
Ion Ratio Lower Upper

45 100

77 20.4 0.0 37.8

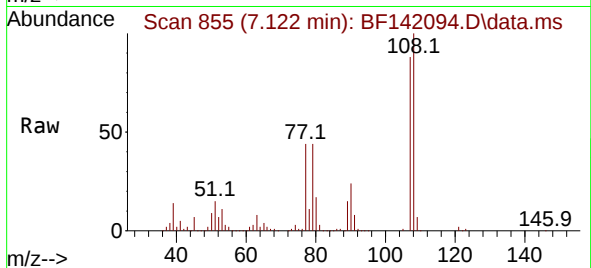
79 15.4 0.0 34.2



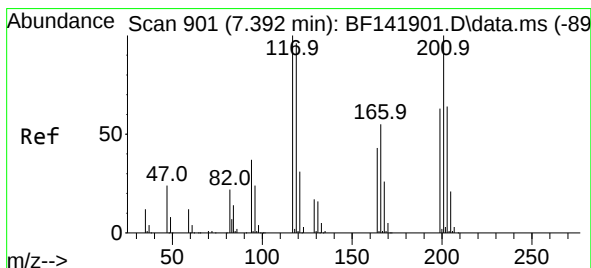
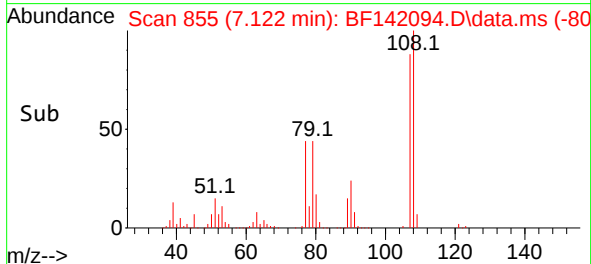
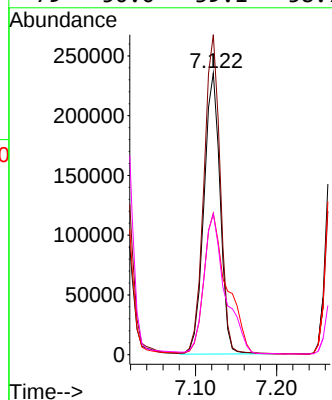


#17
2-Methylphenol
Concen: 50.440 ng
RT: 7.122 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Instrument :
BNA_F
ClientSampleId :
PB167291BS

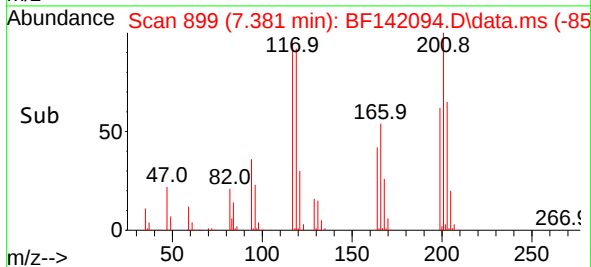
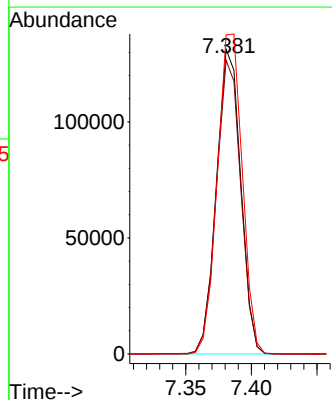
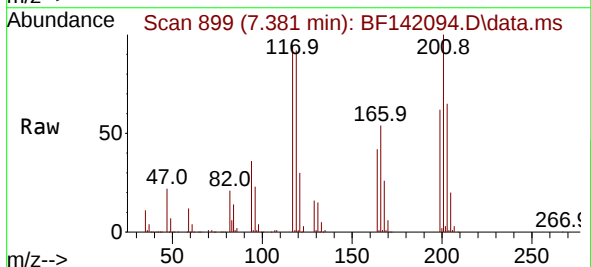


Tgt Ion:	107	Resp:	326201
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.2	135.2
77	50.2	39.6	59.4
79	50.0	39.1	58.7



#18
Hexachloroethane
Concen: 50.804 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion:	117	Resp:	169263
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.9	115.3
201	104.7	79.9	119.9



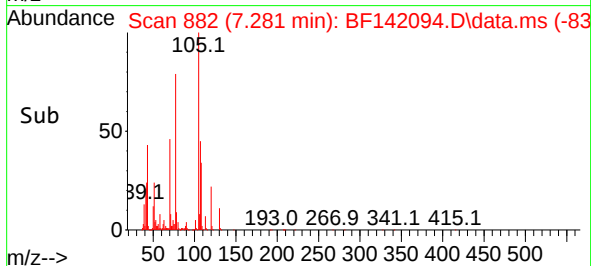
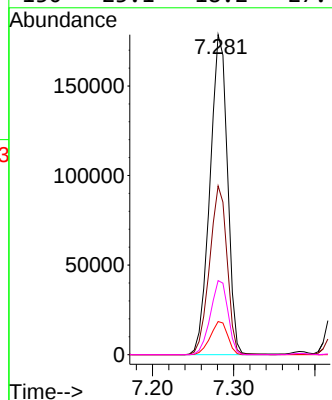
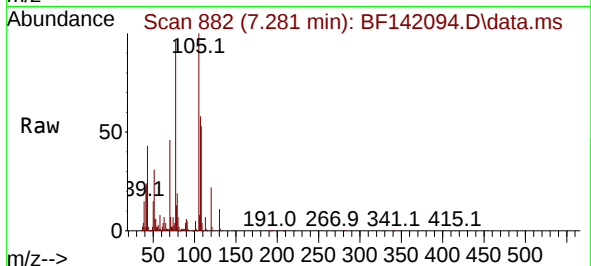


#19
n-Nitroso-di-n-propylamine
Concen: 44.577 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.017 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Instrument :
BNA_F
ClientSampleId :
PB167291BS

Tgt Ion: 70 Resp: 267458

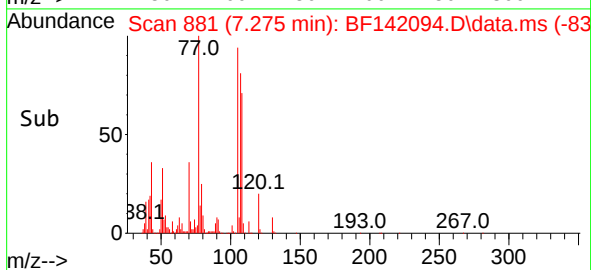
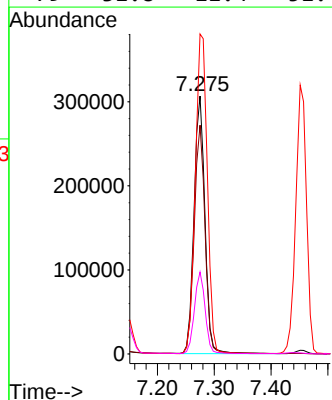
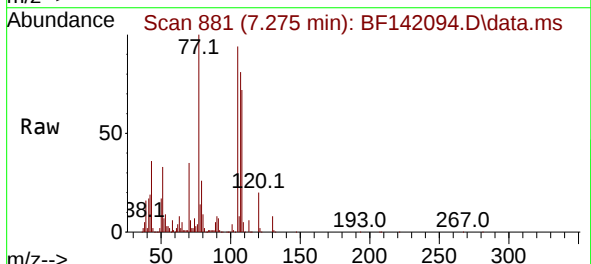
Ion	Ratio	Lower	Upper
70	100		
42	52.7	41.4	62.0
101	10.3	8.2	12.2
130	23.1	18.2	27.4

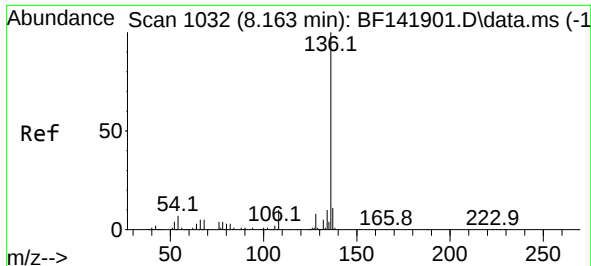


#20
3+4-Methylphenols
Concen: 49.525 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion: 107 Resp: 410242

Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.4	108.4
77	124.1	69.7	109.7#
79	31.8	11.4	51.4

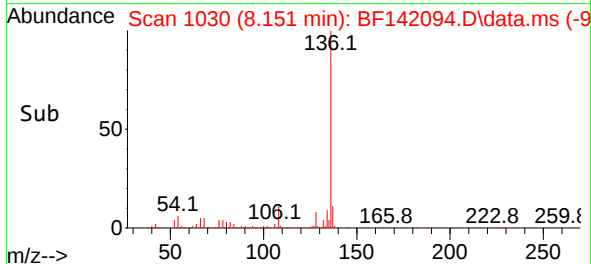
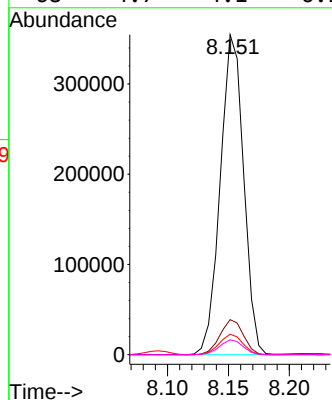
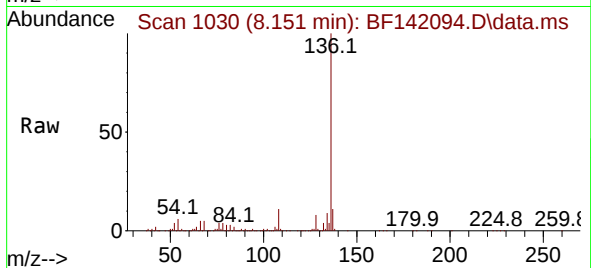




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

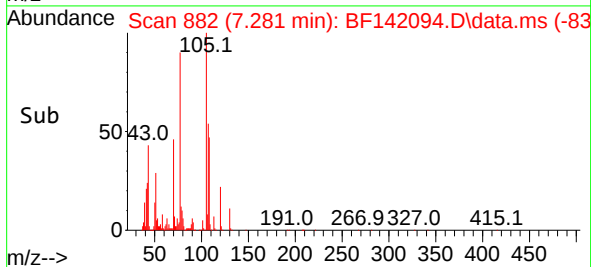
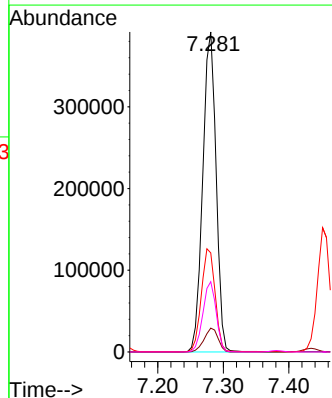
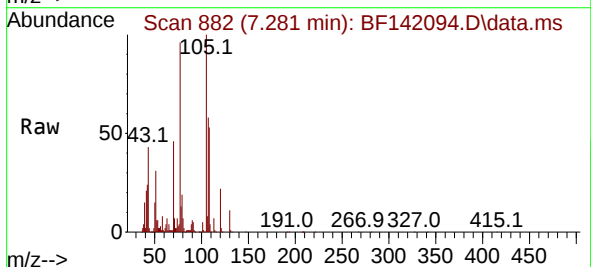
Instrument :
BNA_F
ClientSampleId :
PB167291BS

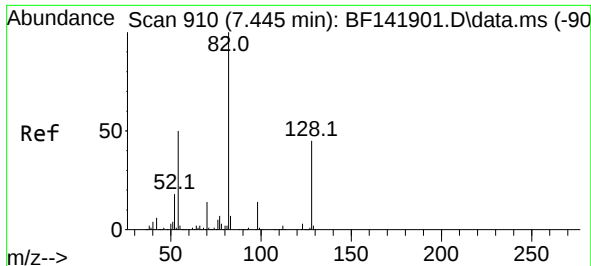
Tgt Ion:136	Resp: 473296
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 6.4	5.8 8.8
68 4.7	4.1 6.1



#22
Acetophenone
Concen: 49.037 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt	Ion:105	Resp:	555798
Ion	Ratio	Lower	Upper
105	100		
71	7.5	5.8	8.8
51	31.0	23.4	35.0
120	22.0	17.3	25.9





#23

Nitrobenzene-d5

Concen: 104.856 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167291BS

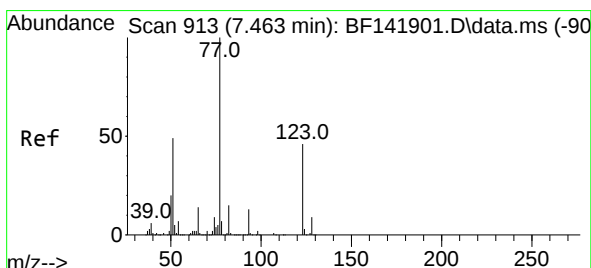
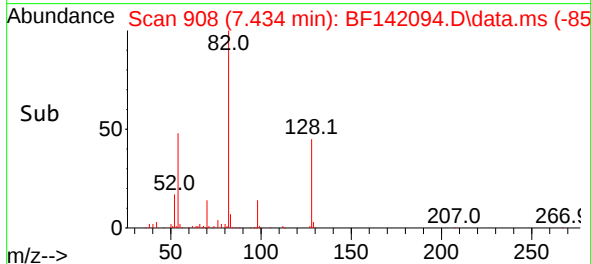
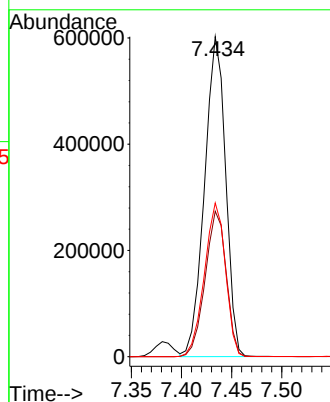
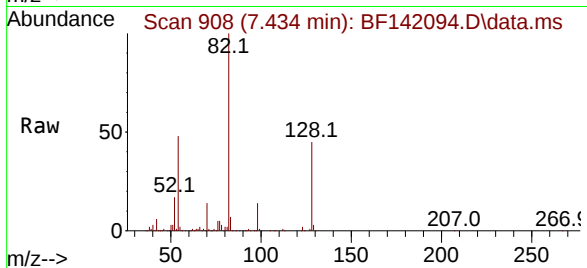
Tgt Ion: 82 Resp: 881864

Ion Ratio Lower Upper

82 100

128 45.5 36.0 54.0

54 48.0 39.6 59.4



#24

Nitrobenzene

Concen: 50.015 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

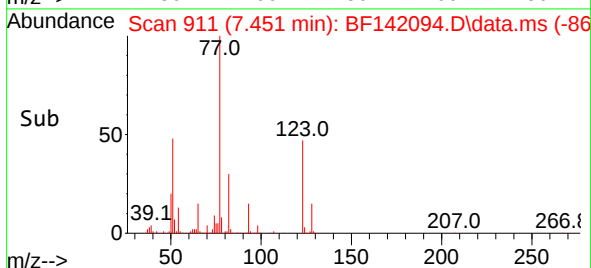
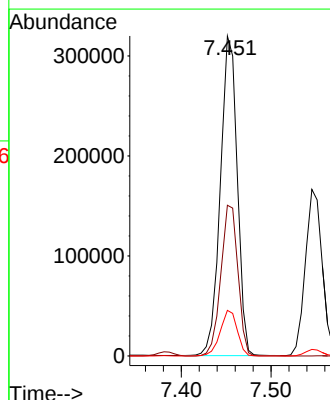
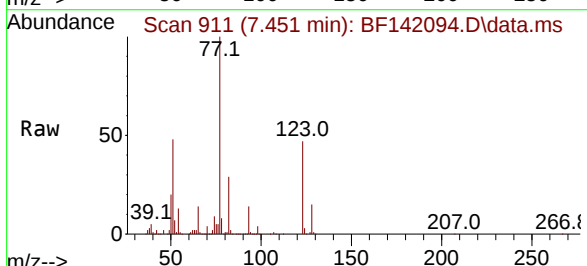
Tgt Ion: 77 Resp: 418165

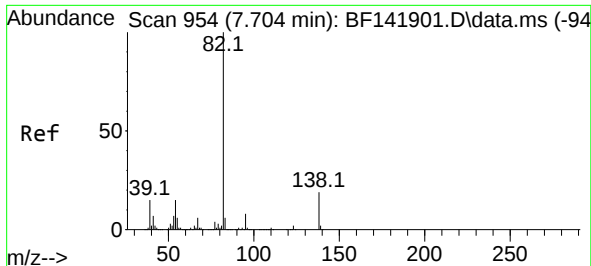
Ion Ratio Lower Upper

77 100

123 47.1 37.0 55.4

65 14.3 11.3 16.9

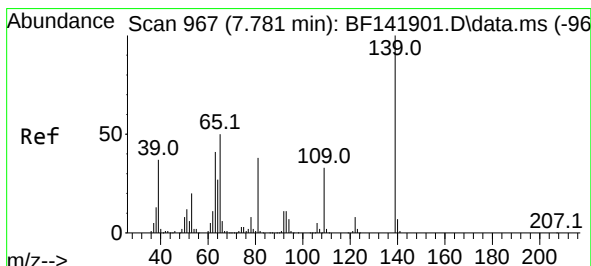
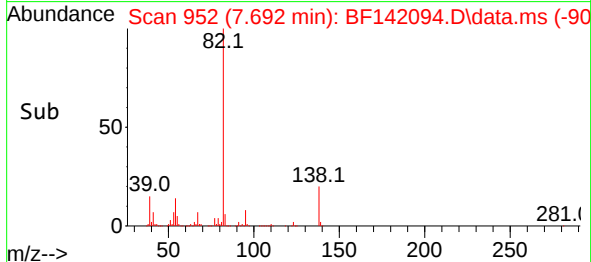
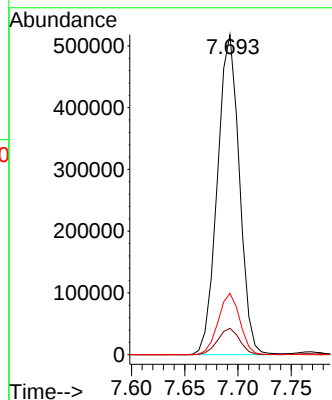
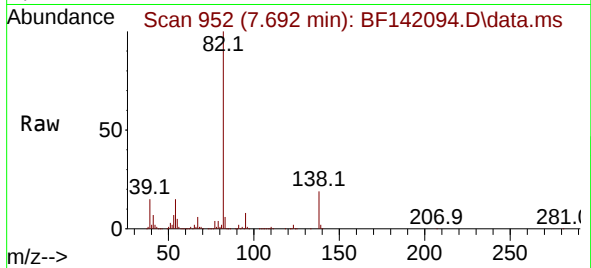




#25
Isophorone
Concen: 49.963 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

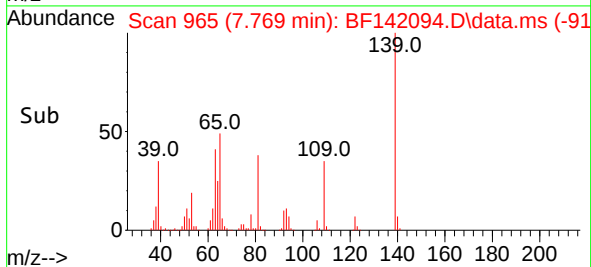
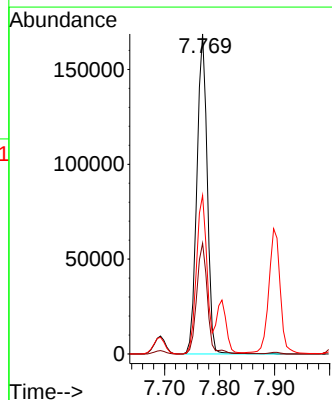
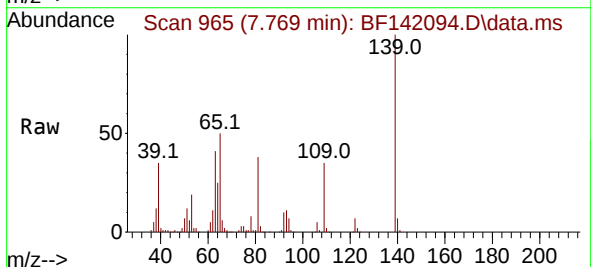
Instrument :
BNA_F
ClientSampleId :
PB167291BS

Tgt Ion: 82 Resp: 742771
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 19.1 14.9 22.3



#26
2-Nitrophenol
Concen: 53.764 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

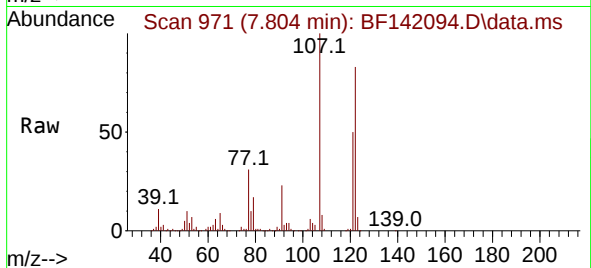
Tgt Ion:139 Resp: 220621
Ion Ratio Lower Upper
139 100
109 34.6 26.5 39.7
65 49.5 40.3 60.5



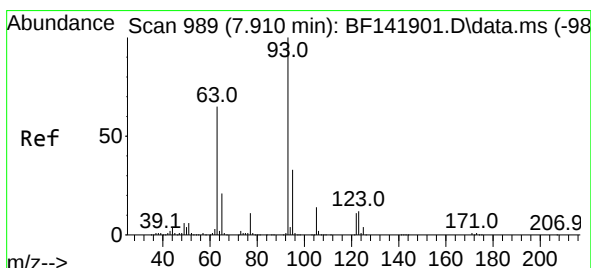
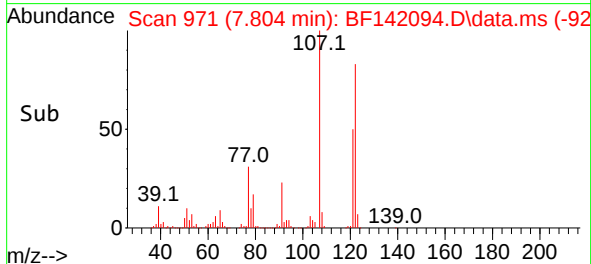
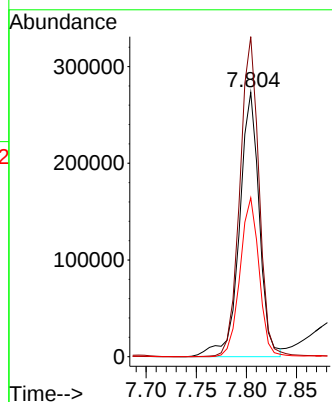


#27
2,4-Dimethylphenol
Concen: 66.689 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Instrument :
BNA_F
ClientSampleId :
PB167291BS

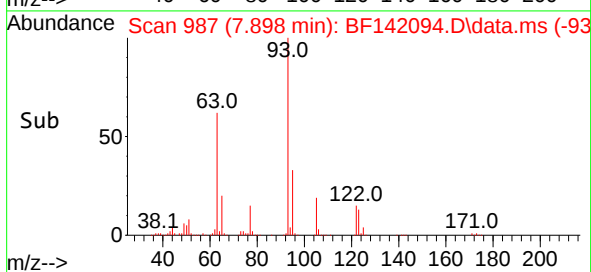
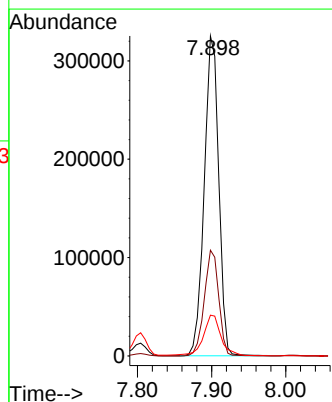
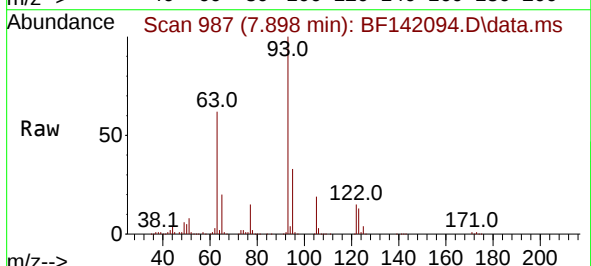


Tgt Ion:122 Resp: 376818
Ion Ratio Lower Upper
122 100
107 121.0 94.8 142.2
121 60.1 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 47.519 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.012 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion: 93 Resp: 443089
Ion Ratio Lower Upper
93 100
95 33.0 26.6 40.0
123 12.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 50.552 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167291BS

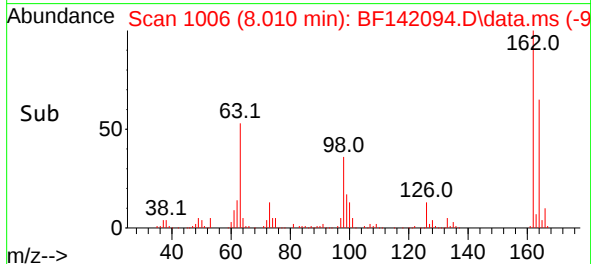
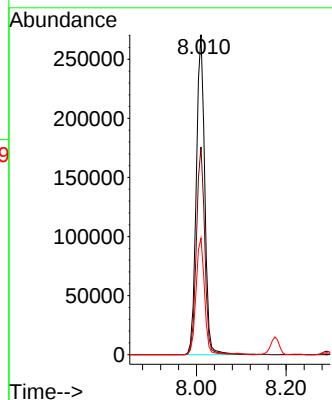
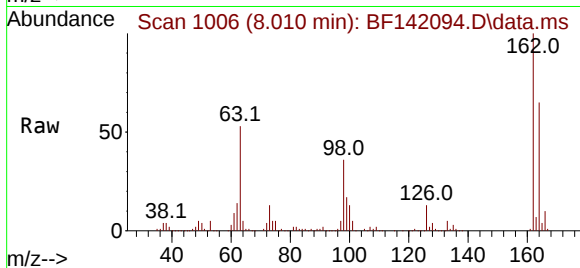
Tgt Ion:162 Resp: 354540

Ion Ratio Lower Upper

162 100

164 64.9 43.8 83.8

98 36.4 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 51.894 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

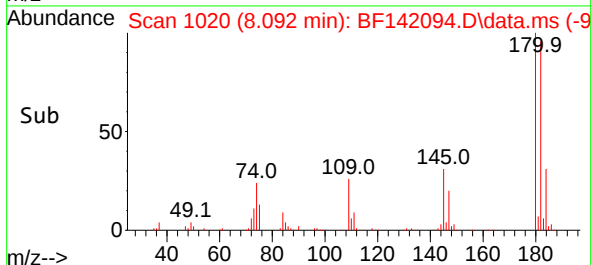
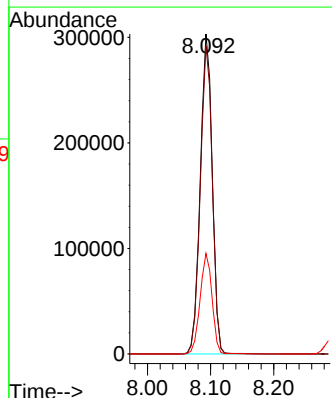
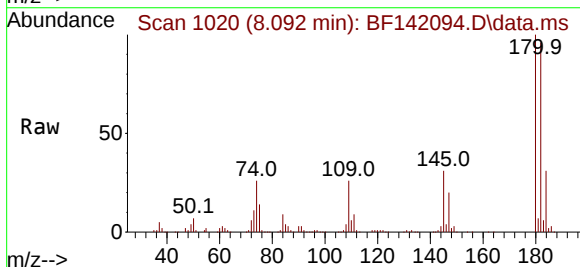
Tgt Ion:180 Resp: 401088

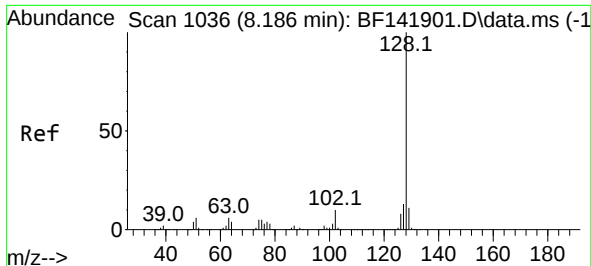
Ion Ratio Lower Upper

180 100

182 96.3 77.5 116.3

145 31.4 25.8 38.6

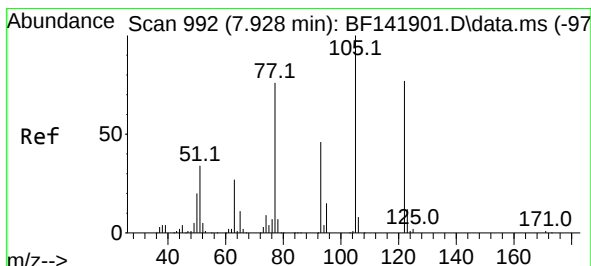
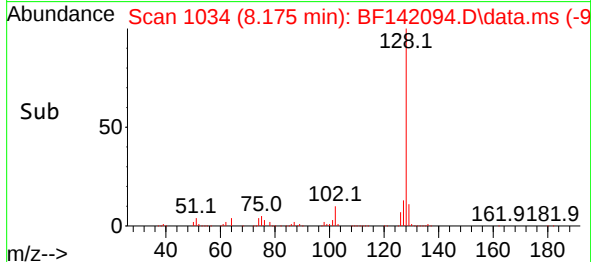
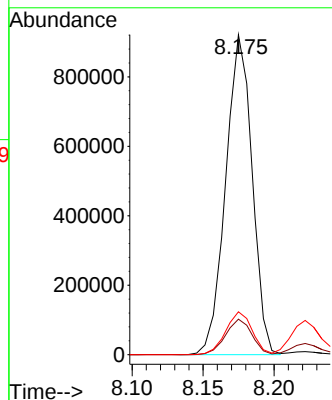
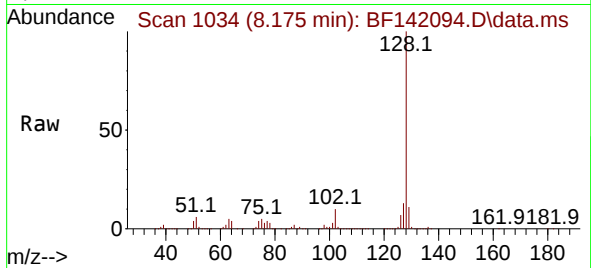




#31
Naphthalene
Concen: 49.116 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

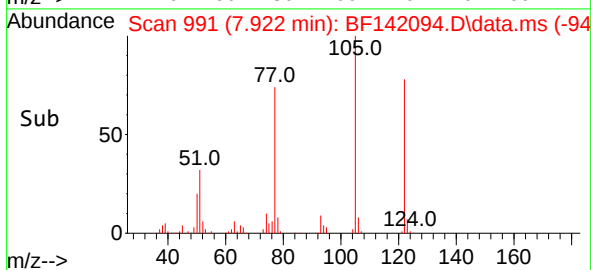
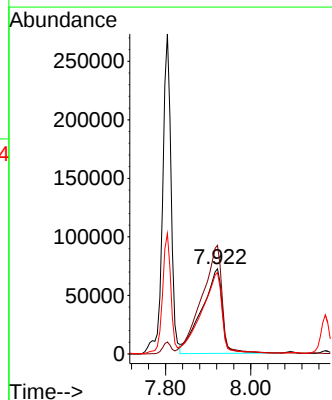
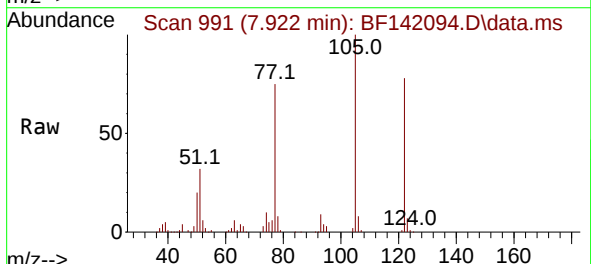
Instrument :
BNA_F
ClientSampleId :
PB167291BS

Tgt Ion:128 Resp: 1194119
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 49.074 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion:122 Resp: 243742
Ion Ratio Lower Upper
122 100
105 127.7 107.9 147.9
77 95.8 79.0 119.0

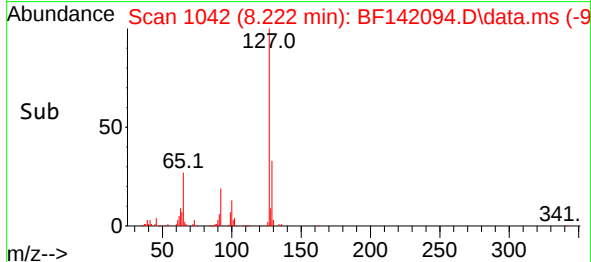
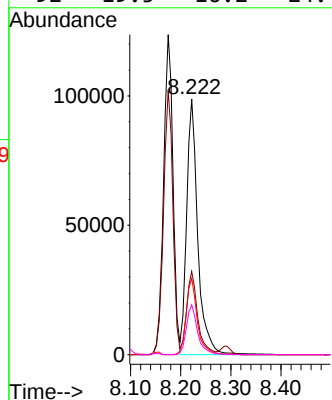
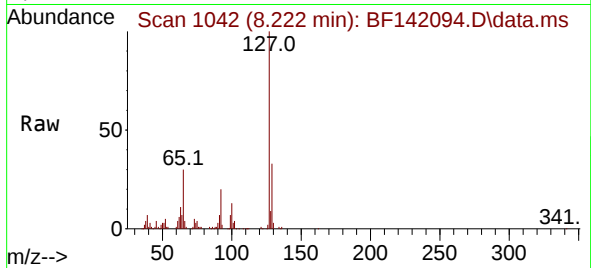




#33
4-Chloroaniline
Concen: 17.858 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

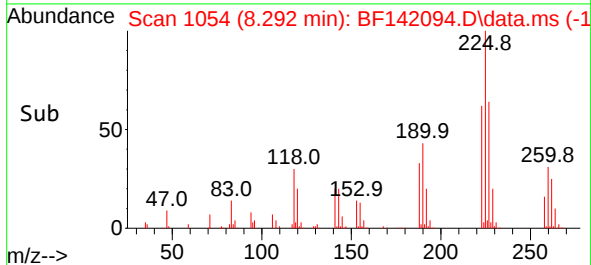
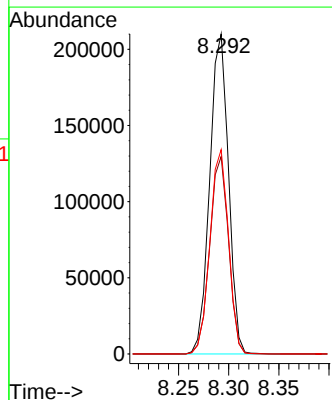
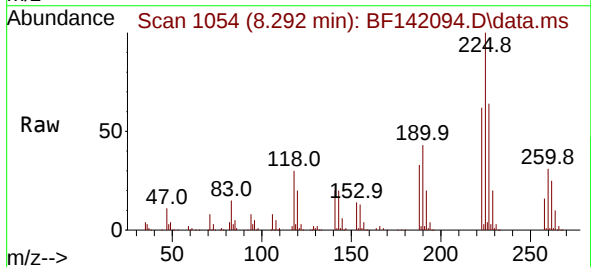
Instrument :
BNA_F
ClientSampleId :
PB167291BS

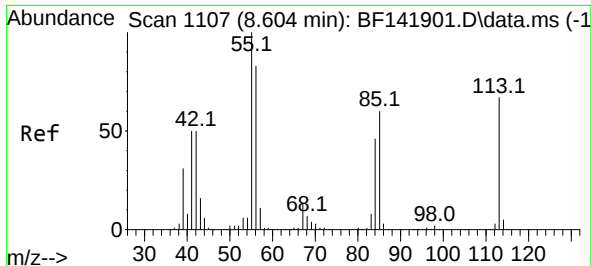
Tgt Ion:	127	Resp:	153268
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	29.8	25.4	38.2
92	19.5	16.2	24.4



#34
Hexachlorobutadiene
Concen: 54.069 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion:	225	Resp:	272530
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.6	75.8
227	63.9	52.2	78.2

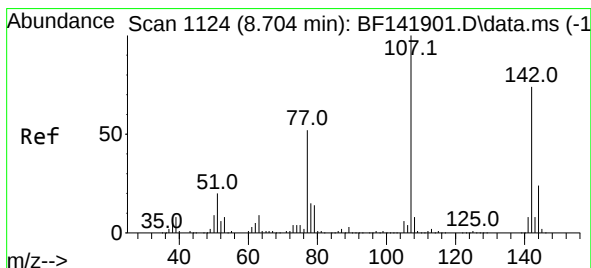
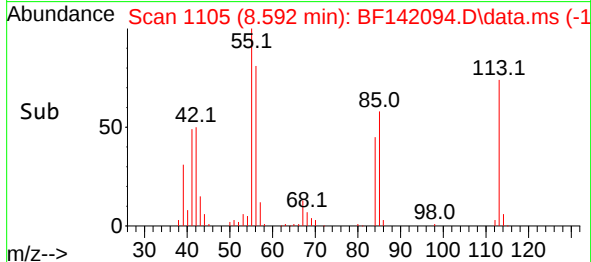
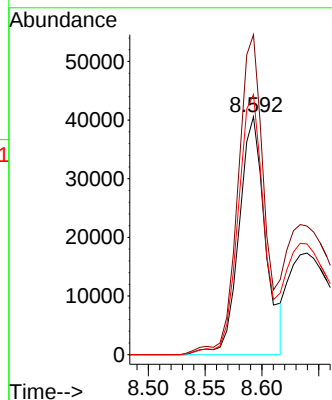
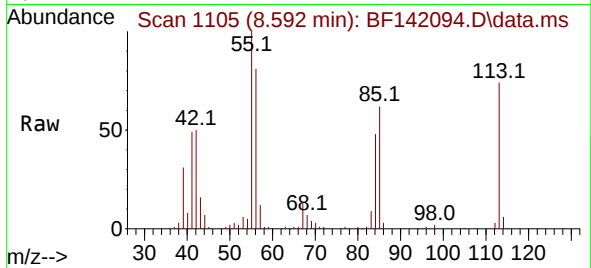




#35
Caprolactam
Concen: 30.497 ng
RT: 8.592 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

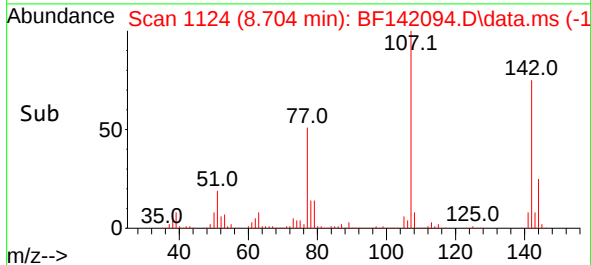
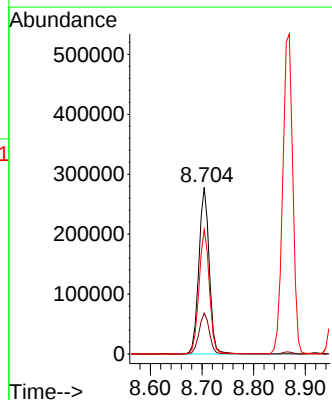
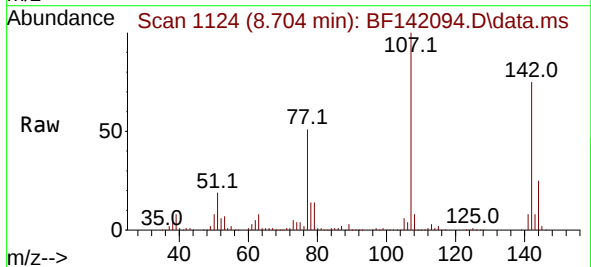
Instrument :
BNA_F
ClientSampleId :
PB167291BS

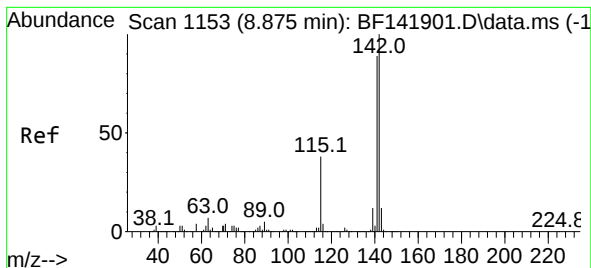
Tgt Ion:113 Resp: 65209
Ion Ratio Lower Upper
113 100
55 134.5 129.6 169.6
56 109.3 104.0 144.0



#36
4-Chloro-3-methylphenol
Concen: 49.426 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion:107 Resp: 386684
Ion Ratio Lower Upper
107 100
144 24.6 19.0 28.6
142 74.7 59.2 88.8

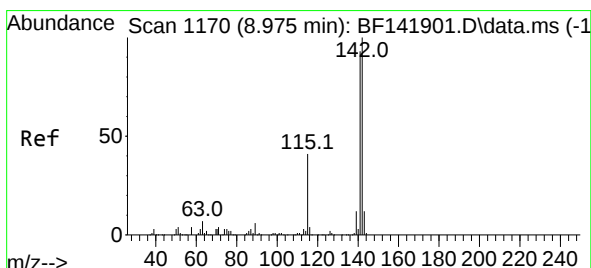
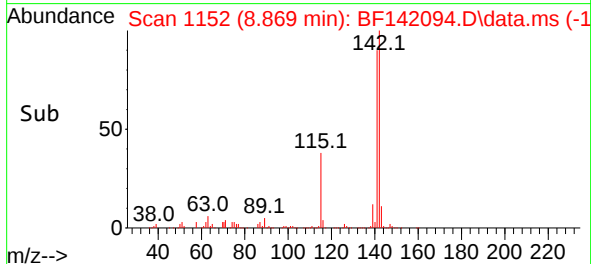
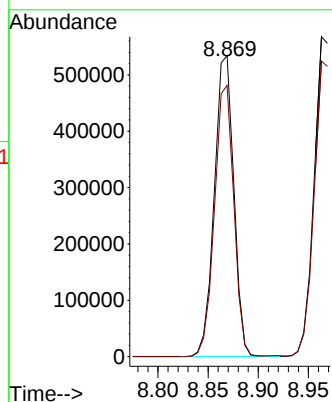
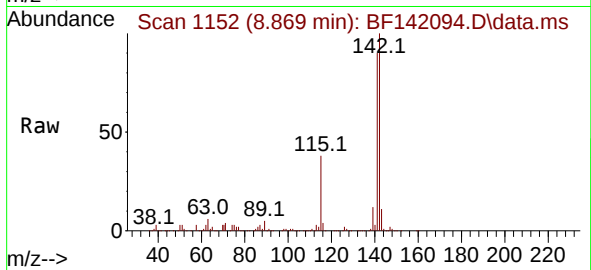




#37
2-Methylnaphthalene
Concen: 44.311 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

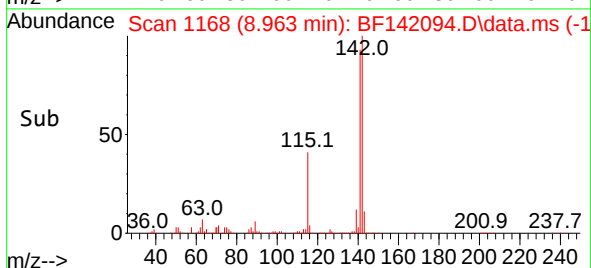
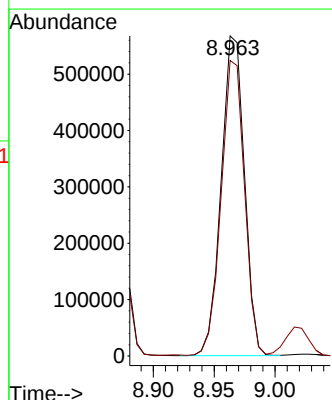
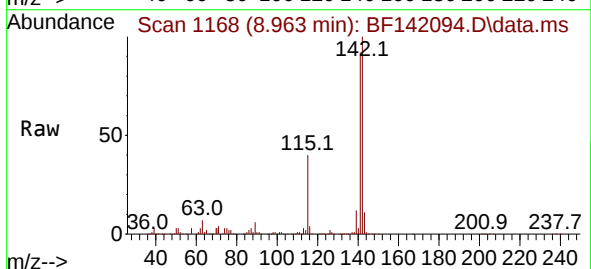
Instrument :
BNA_F
ClientSampleId :
PB167291BS

Tgt Ion:142 Resp: 720088
Ion Ratio Lower Upper
142 100
141 90.1 71.2 106.8



#38
1-Methylnaphthalene
Concen: 48.135 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.012 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion:142 Resp: 754833
Ion Ratio Lower Upper
142 100
141 92.3 74.2 111.4

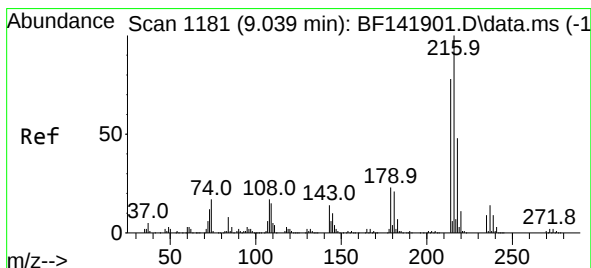
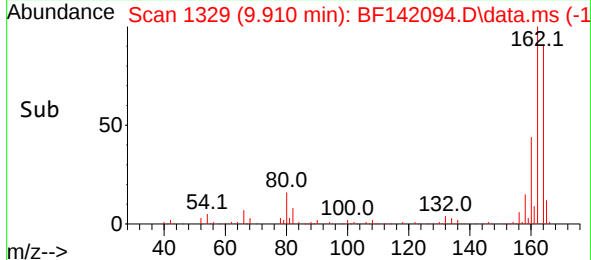
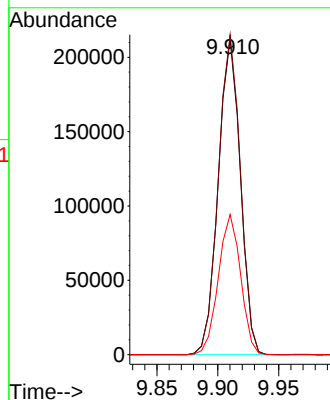
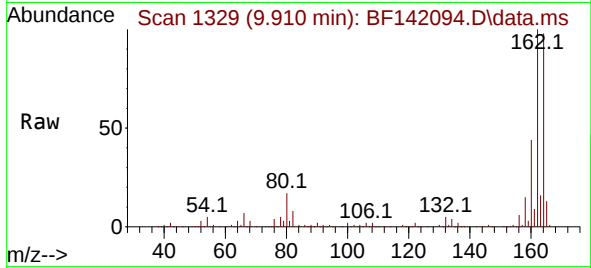




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

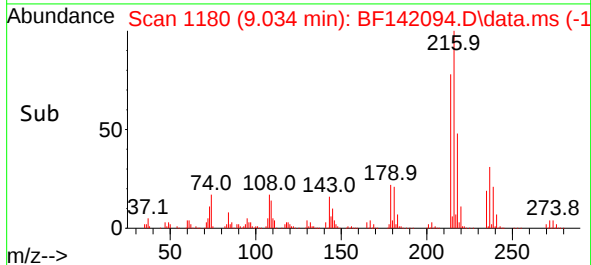
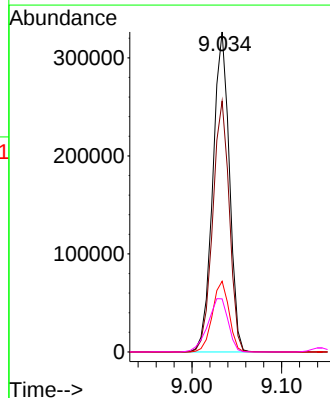
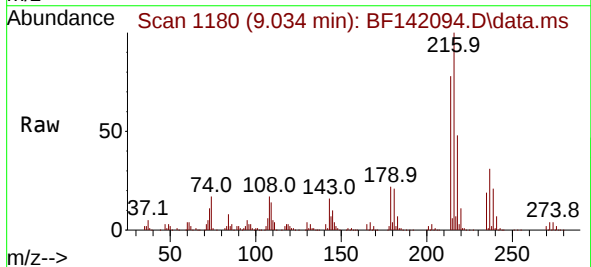
Instrument :
BNA_F
ClientSampleId :
PB167291BS

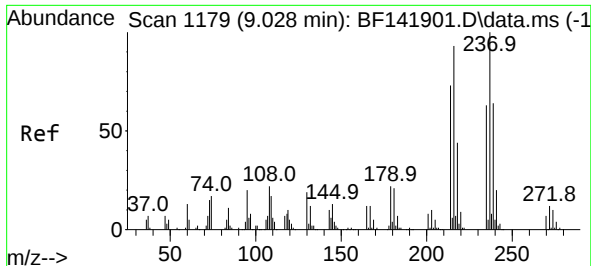
Tgt Ion:164 Resp: 268303
Ion Ratio Lower Upper
164 100
162 101.5 81.8 122.6
160 44.5 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.171 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

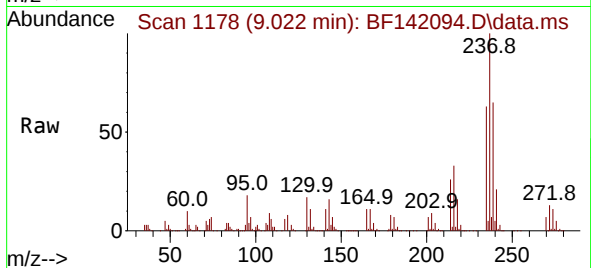
Tgt Ion:216 Resp: 418002
Ion Ratio Lower Upper
216 100
214 78.4 61.9 92.9
179 22.1 18.1 27.1
108 20.4 14.7 22.1



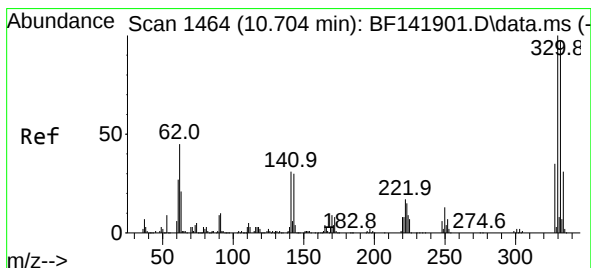
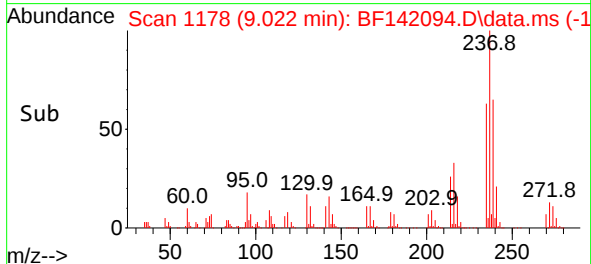
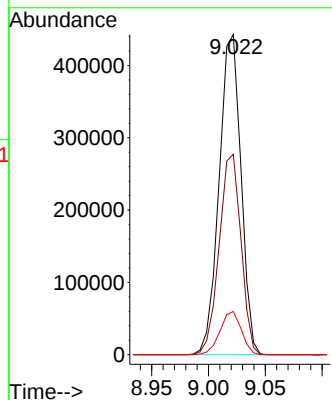


#41
Hexachlorocyclopentadiene
Concen: 185.457 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Instrument :
BNA_F
ClientSampleId :
PB167291BS

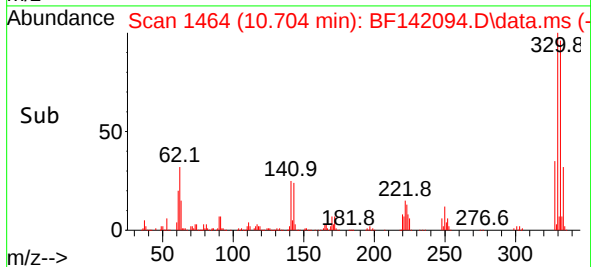
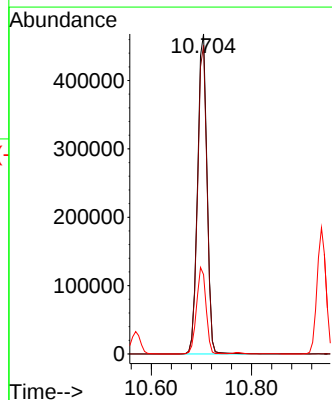
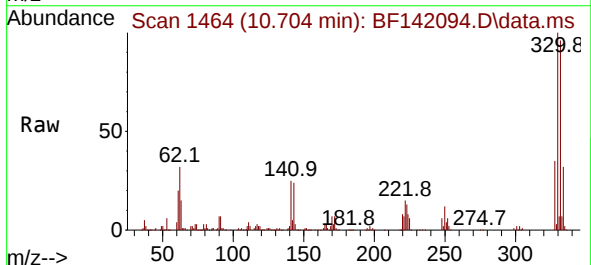


Tgt Ion:237 Resp: 592891
Ion Ratio Lower Upper
237 100
235 62.7 43.1 83.1
272 13.5 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 178.715 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion:330 Resp: 608306
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 27.4 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 50.870 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167291BS

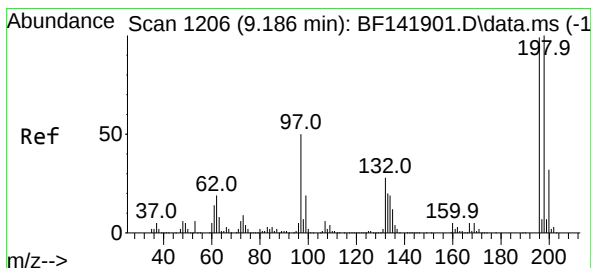
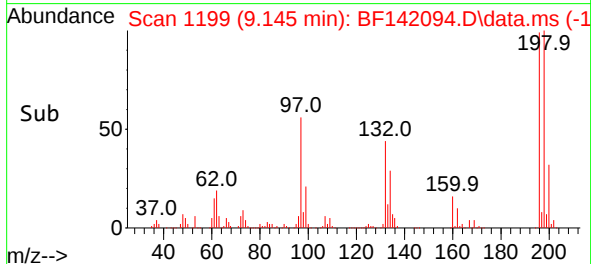
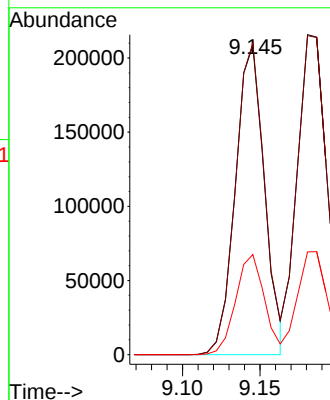
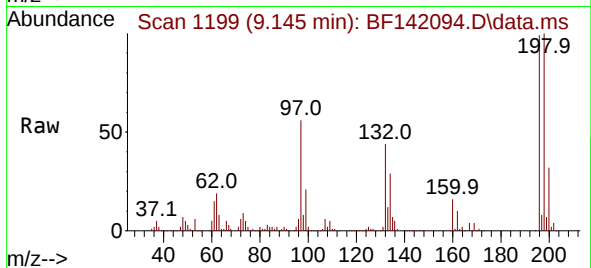
Tgt Ion:196 Resp: 271573

Ion Ratio Lower Upper

196 100

198 100.9 80.6 121.0

200 32.4 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 53.869 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

Tgt Ion:196 Resp: 291268

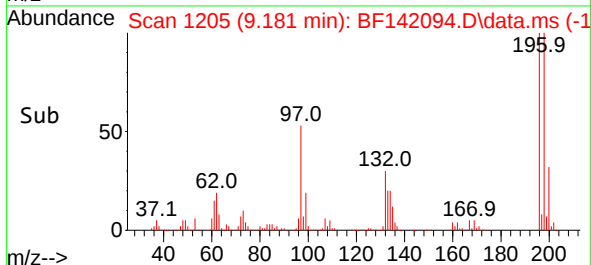
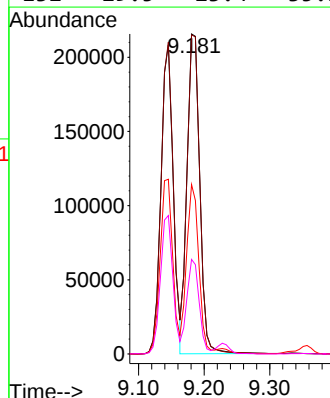
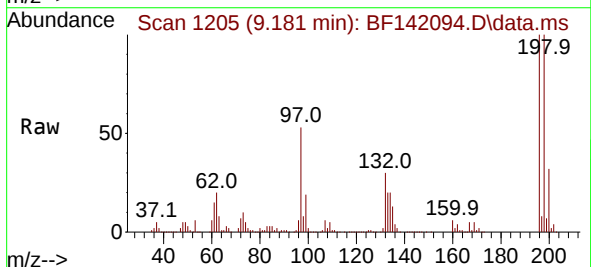
Ion Ratio Lower Upper

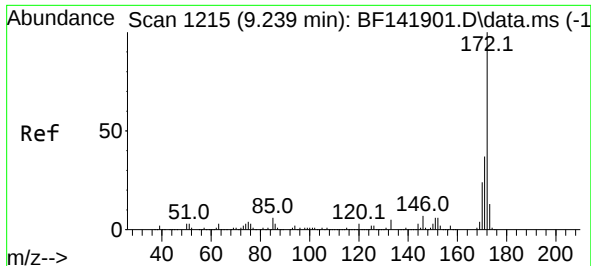
196 100

198 99.7 80.7 121.1

97 52.9 42.1 63.1

132 29.5 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 103.480 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167291BS

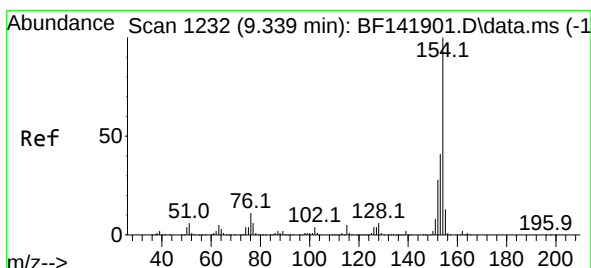
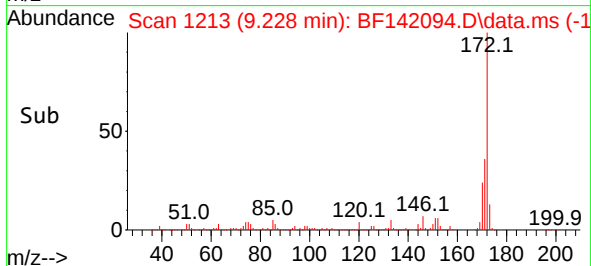
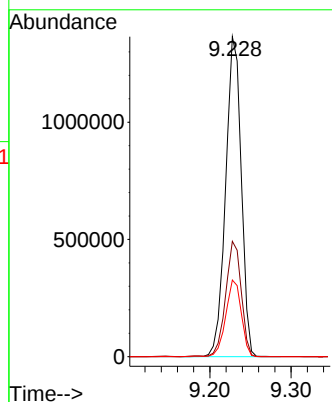
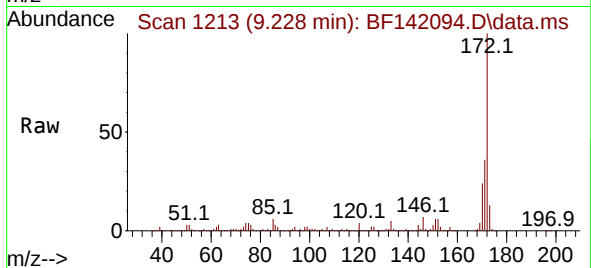
Tgt Ion:172 Resp: 1825598

Ion Ratio Lower Upper

172 100

171 36.0 29.3 43.9

170 24.0 19.4 29.0



#46

1,1'-Biphenyl

Concen: 49.674 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

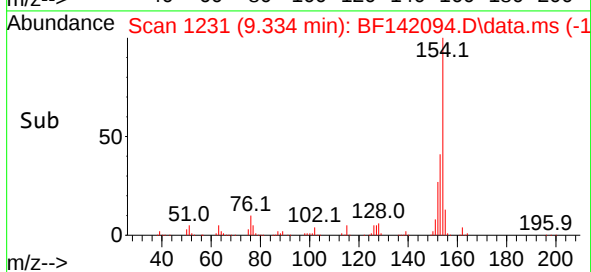
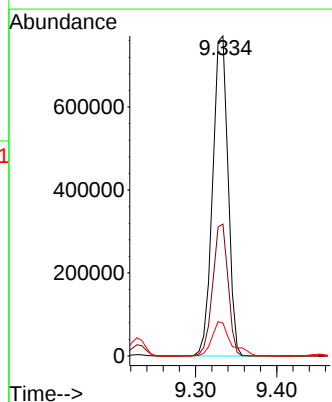
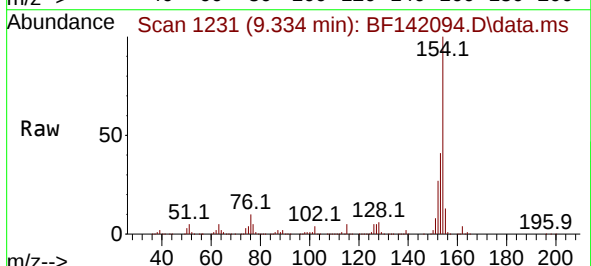
Tgt Ion:154 Resp: 1012662

Ion Ratio Lower Upper

154 100

153 41.2 21.1 61.1

76 10.3 0.0 31.3

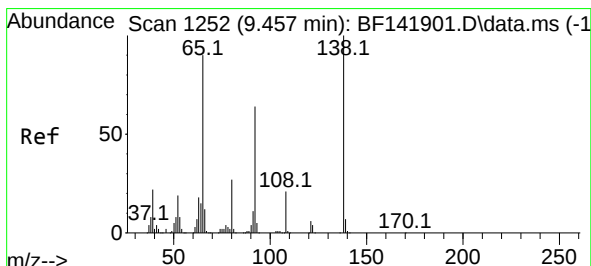
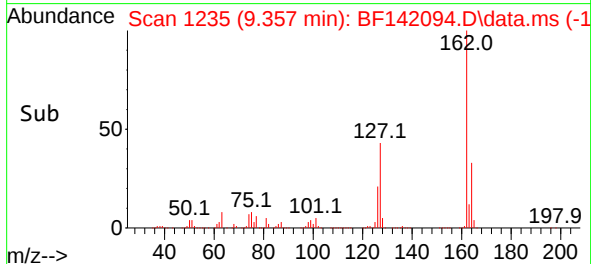
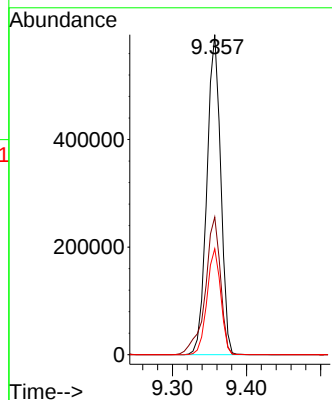
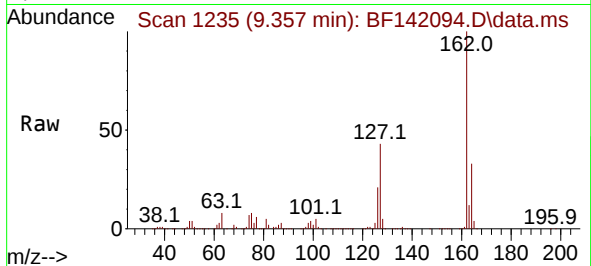




#47
2-Chloronaphthalene
Concen: 50.569 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

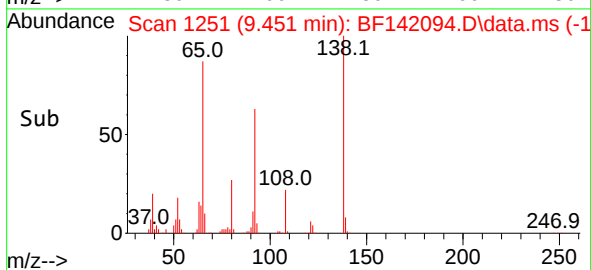
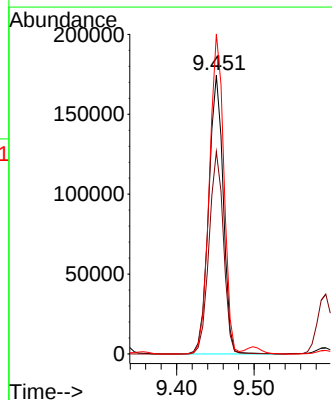
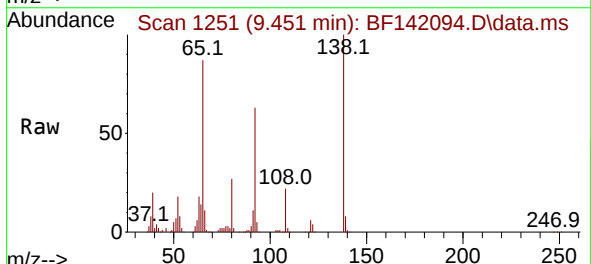
Instrument :
BNA_F
ClientSampleId :
PB167291BS

Tgt Ion:162 Resp: 768374
Ion Ratio Lower Upper
162 100
127 43.0 35.5 53.3
164 33.1 26.6 40.0



#48
2-Nitroaniline
Concen: 51.644 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion: 65 Resp: 227209
Ion Ratio Lower Upper
65 100
92 72.6 56.6 84.8
138 114.8 88.6 133.0





#49

Acenaphthylene

Concen: 54.129 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167291BS

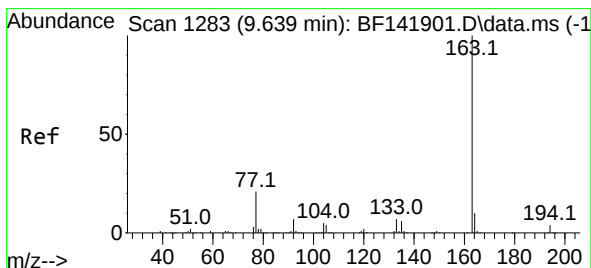
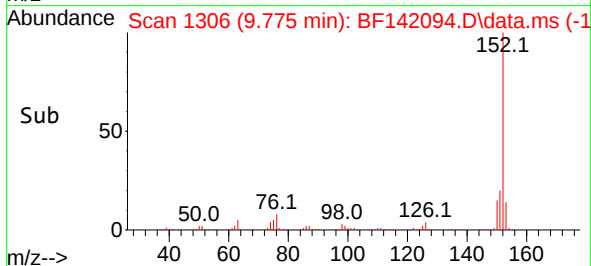
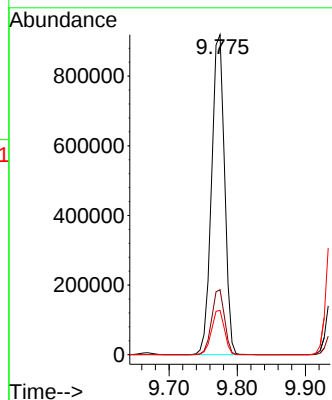
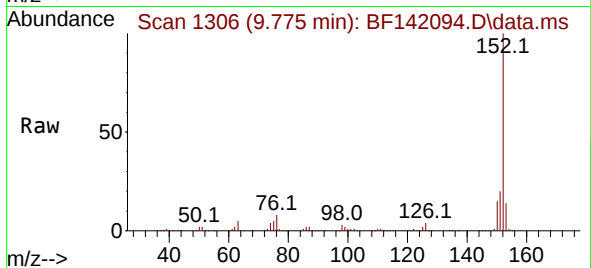
Tgt Ion:152 Resp: 1220523

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

153 13.9 11.1 16.7



#50

Dimethylphthalate

Concen: 49.309 ng

RT: 9.634 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

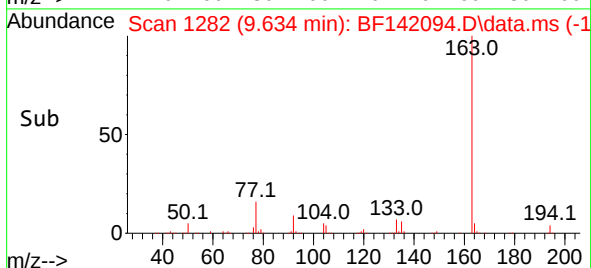
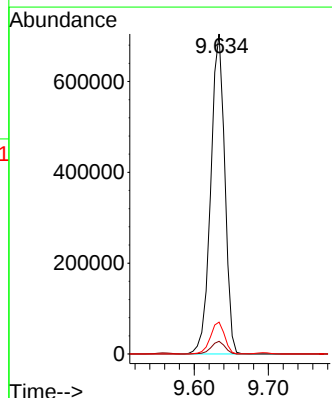
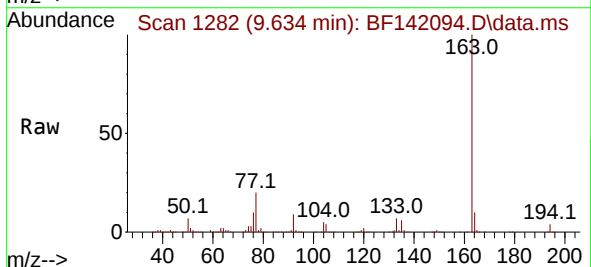
Tgt Ion:163 Resp: 926449

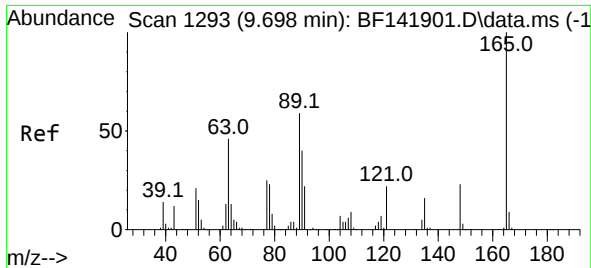
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.0 8.2 12.4

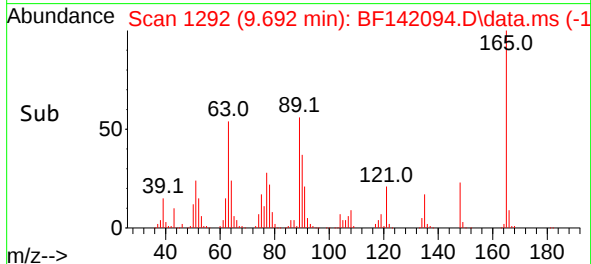
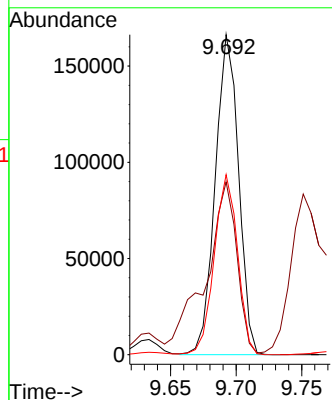
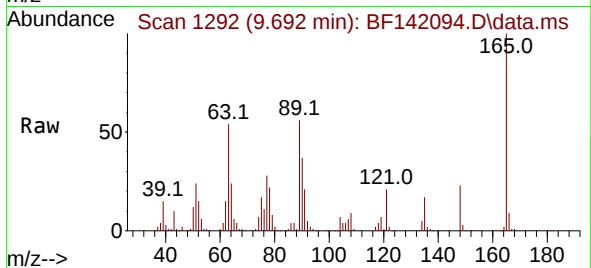




#51
2,6-Dinitrotoluene
Concen: 52.577 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

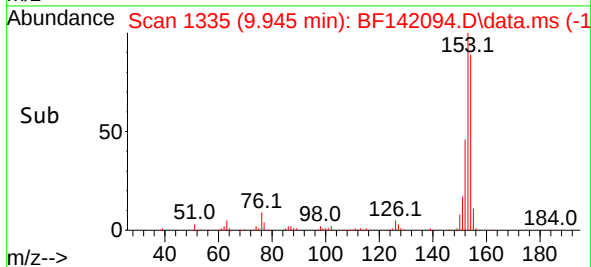
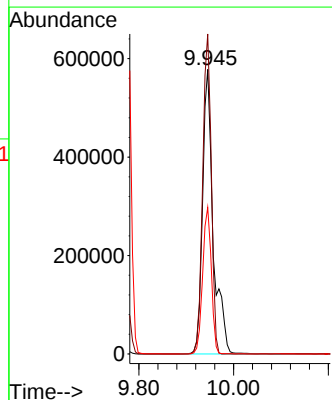
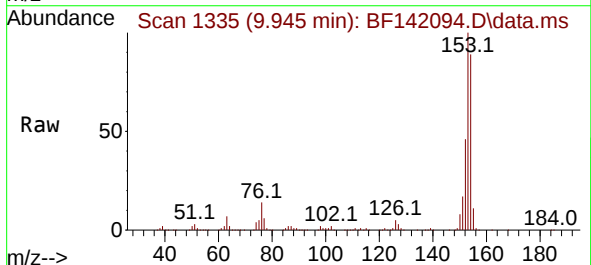
Instrument :
BNA_F
ClientSampleId :
PB167291BS

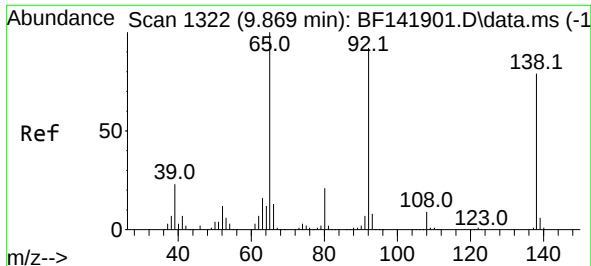
Tgt Ion:165 Resp: 205681
Ion Ratio Lower Upper
165 100
63 54.0 47.0 70.4
89 56.3 47.4 71.2



#52
Acenaphthene
Concen: 56.898 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion:154 Resp: 901603
Ion Ratio Lower Upper
154 100
153 112.5 90.7 136.1
152 51.5 41.1 61.7

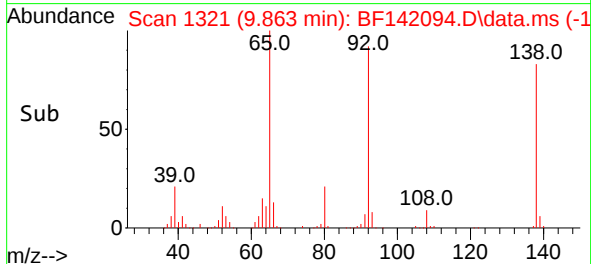
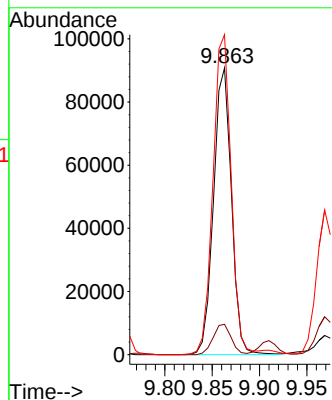
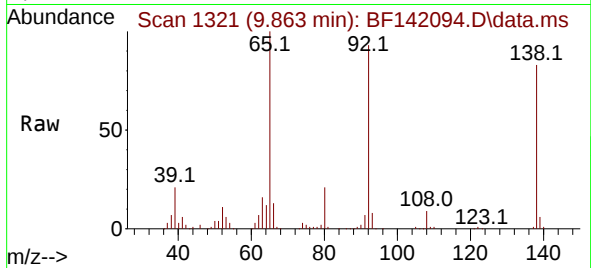




#53
3-Nitroaniline
Concen: 30.057 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

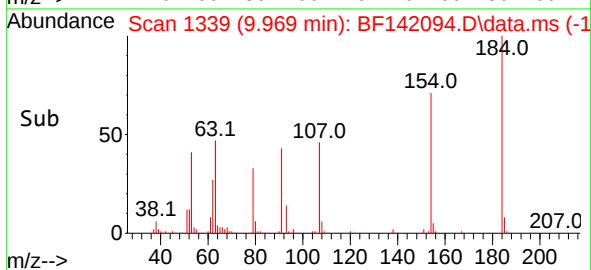
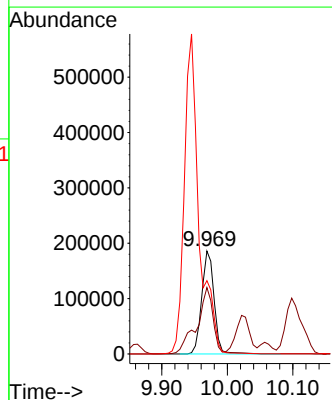
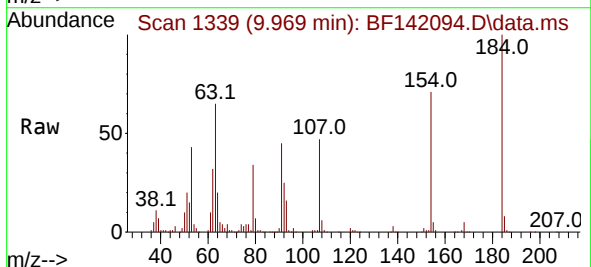
Instrument :
BNA_F
ClientSampleId :
PB167291BS

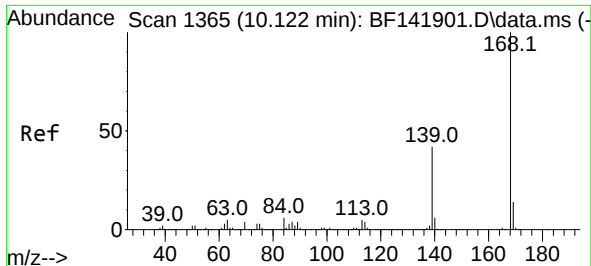
Tgt Ion:138 Resp: 119271
Ion Ratio Lower Upper
138 100
108 10.6 9.3 13.9
92 111.6 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 107.921 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion:184 Resp: 245430
Ion Ratio Lower Upper
184 100
63 64.6 60.2 90.4
154 71.1 132.9 199.3#

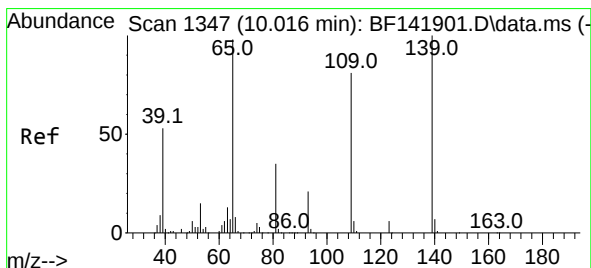
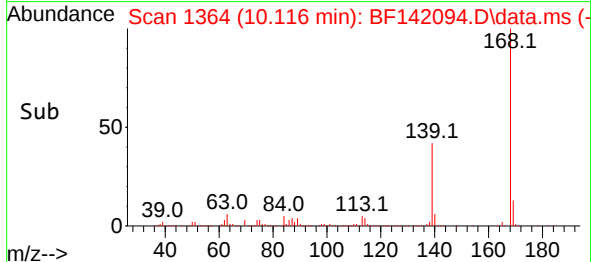
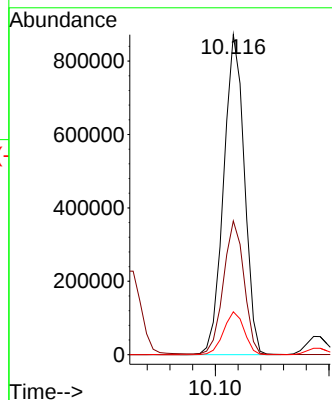
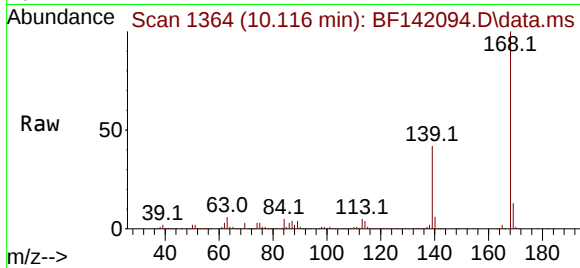




#55
Dibenzenofuran
Concen: 48.802 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

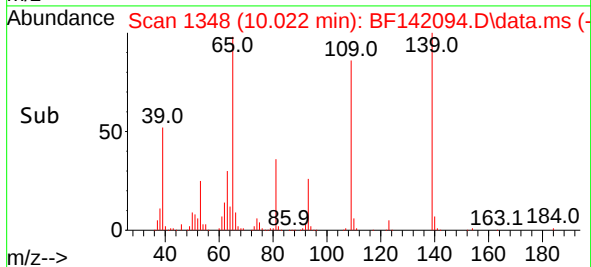
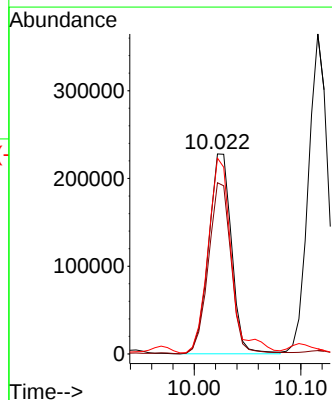
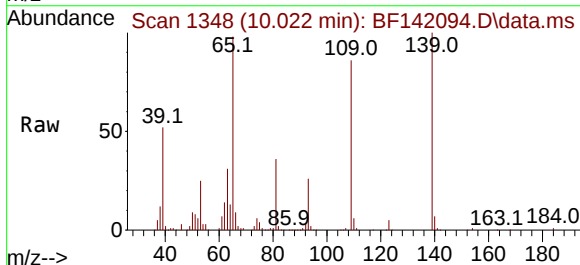
Instrument :
BNA_F
ClientSampleId :
PB167291BS

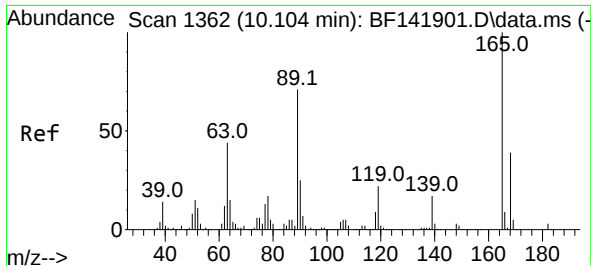
Tgt Ion:168 Resp: 1104971
Ion Ratio Lower Upper
168 100
139 41.8 33.9 50.9
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 113.610 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

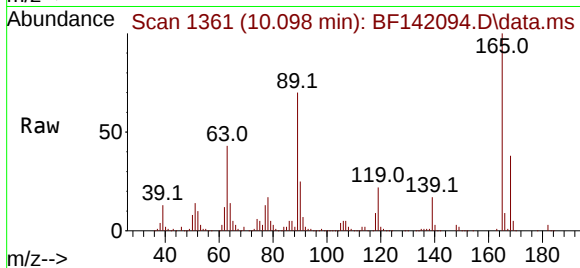
Tgt Ion:139 Resp: 339980
Ion Ratio Lower Upper
139 100
109 85.6 61.6 101.6
65 97.9 79.4 119.4



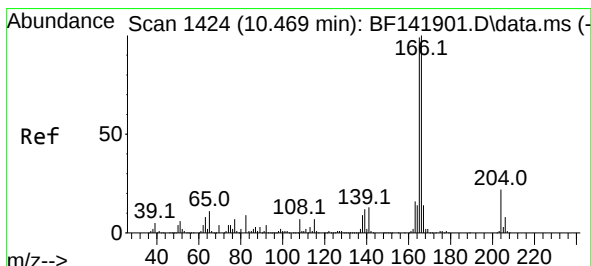
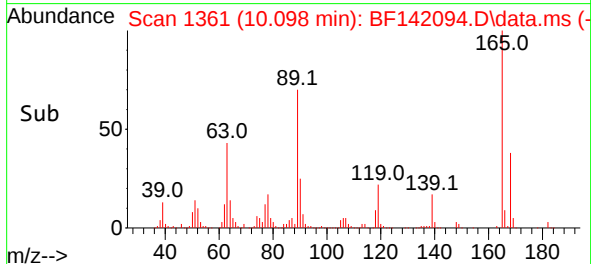
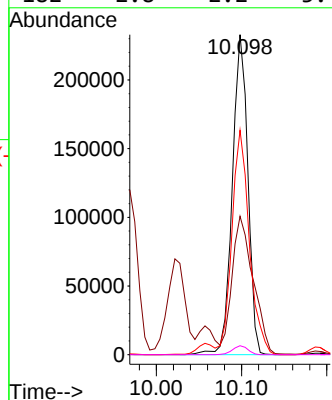


#57
2,4-Dinitrotoluene
Concen: 57.701 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Instrument :
BNA_F
ClientSampleId :
PB167291BS

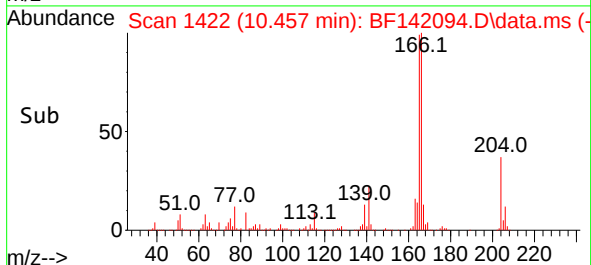
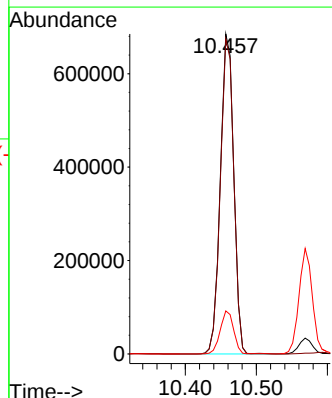
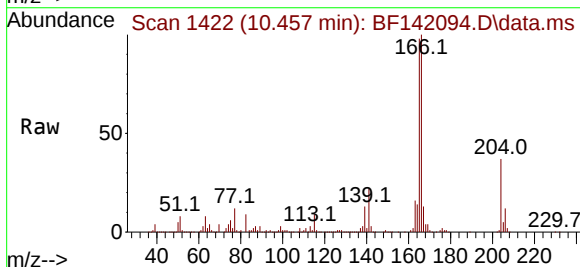


Tgt Ion:165 Resp: 294818
Ion Ratio Lower Upper
165 100
63 43.3 35.4 53.2
89 70.2 56.6 84.8
182 2.8 2.2 3.4



#58
Fluorene
Concen: 51.160 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion:166 Resp: 893289
Ion Ratio Lower Upper
166 100
165 98.4 79.0 118.4
167 13.5 11.0 16.4

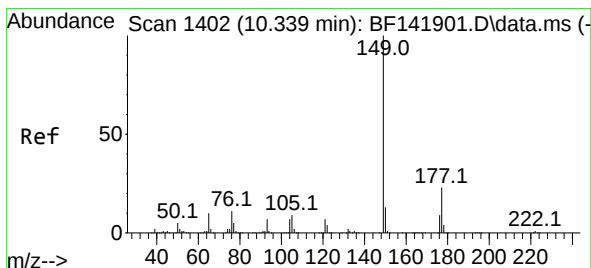
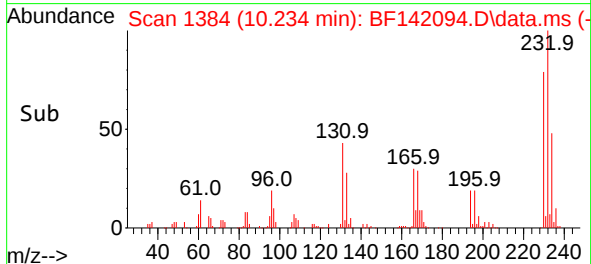
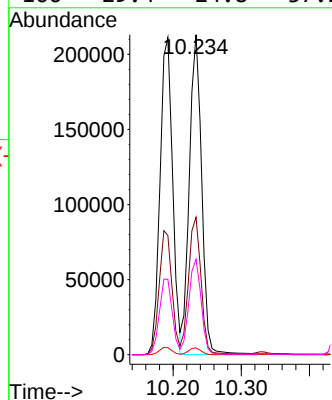
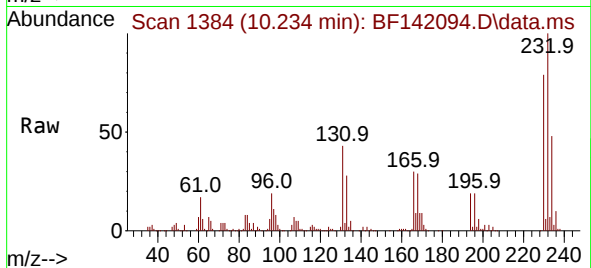




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.994 ng
RT: 10.234 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

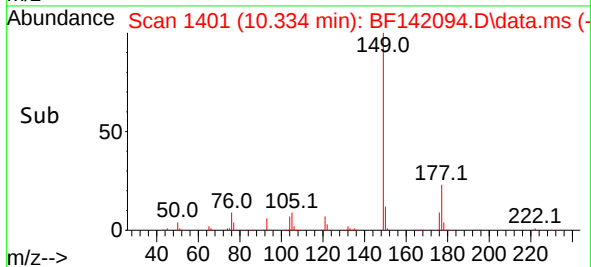
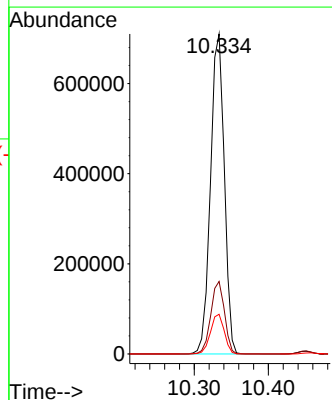
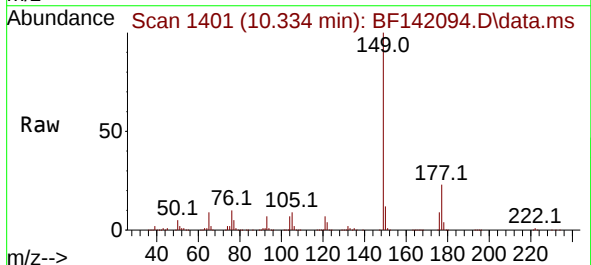
Instrument :
BNA_F
ClientSampleId :
PB167291BS

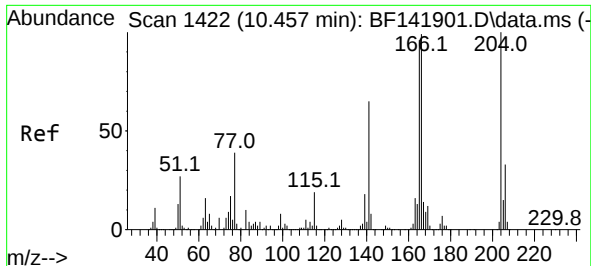
Tgt Ion:232 Resp: 265659
Ion Ratio Lower Upper
232 100
131 43.7 37.3 55.9
130 2.1 1.9 2.9
166 29.4 24.8 37.2



#60
Diethylphthalate
Concen: 49.005 ng
RT: 10.334 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion:149 Resp: 918085
Ion Ratio Lower Upper
149 100
177 22.7 18.0 27.0
150 12.4 10.2 15.4

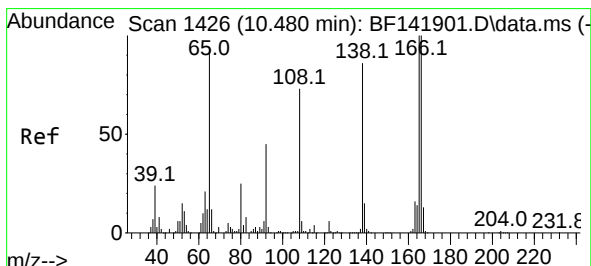
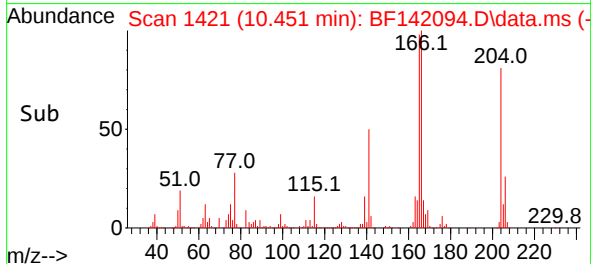
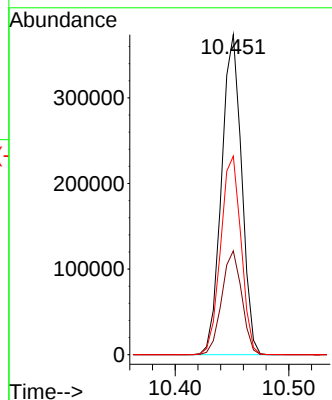
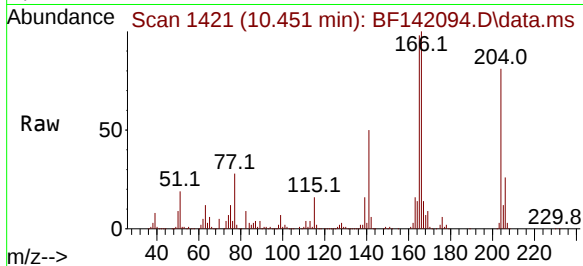




#61
4-Chlorophenyl-phenylether
Concen: 50.476 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

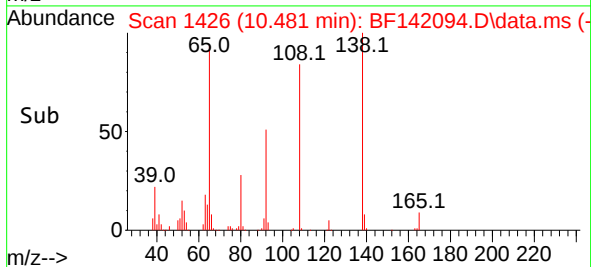
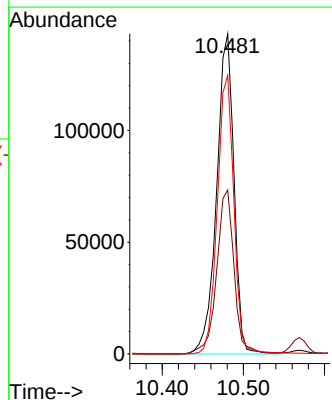
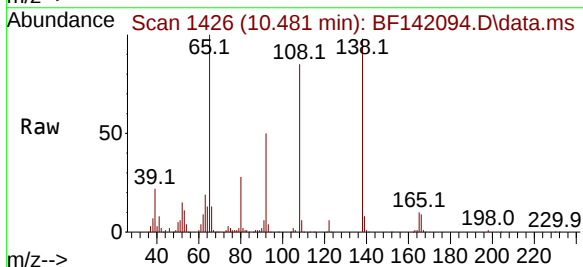
Instrument :
BNA_F
ClientSampleId :
PB167291BS

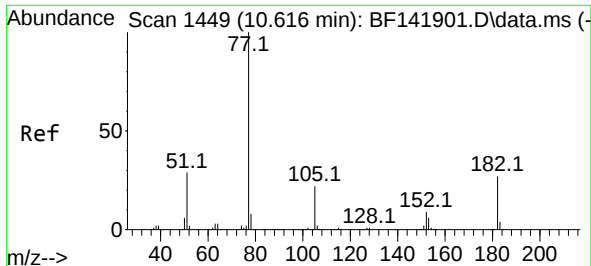
Tgt Ion:204 Resp: 459496
Ion Ratio Lower Upper
204 100
206 32.4 26.8 40.2
141 62.1 52.4 78.6



#62
4-Nitroaniline
Concen: 55.190 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion:138 Resp: 213211
Ion Ratio Lower Upper
138 100
92 51.2 32.6 72.6
108 87.1 65.0 105.0

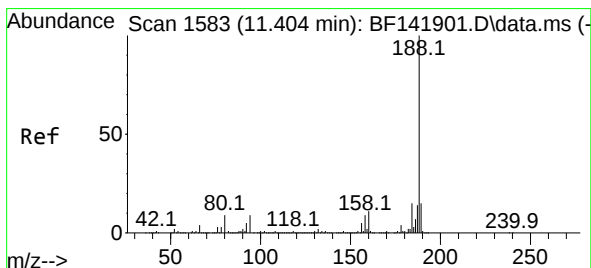
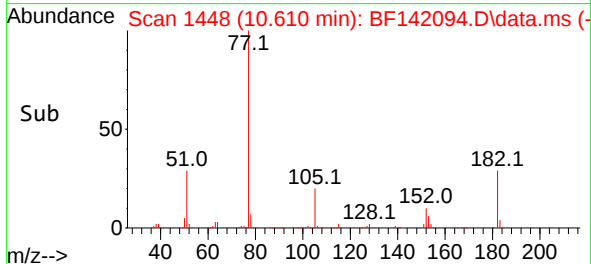
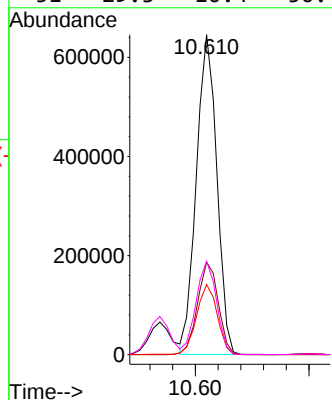
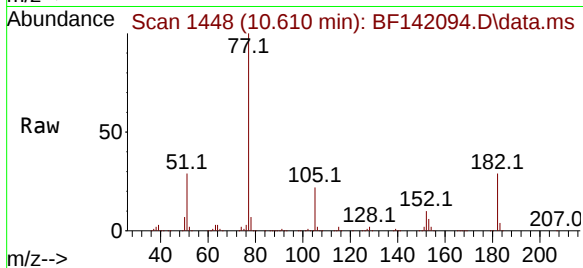




#63
Azobenzene
Concen: 46.401 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

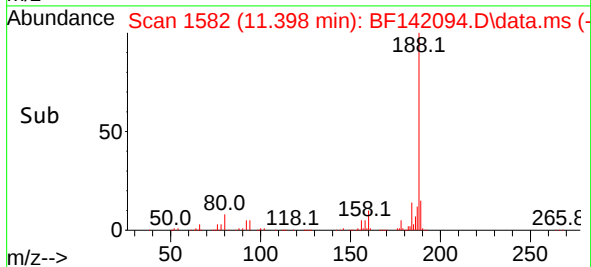
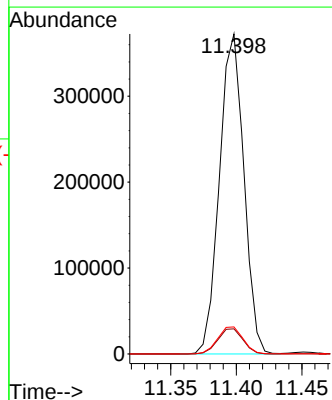
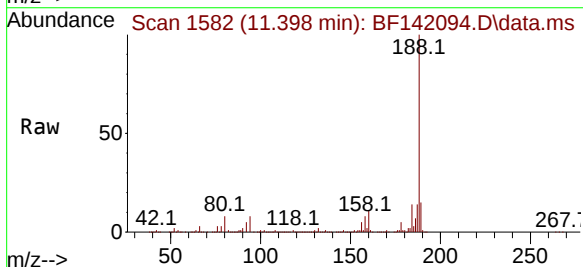
Instrument :
BNA_F
ClientSampleId :
PB167291BS

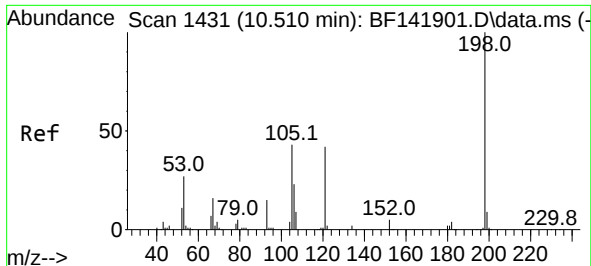
Tgt Ion:	77	Resp:	808197
Ion Ratio	Lower	Upper	
77	100		
182	28.9	6.6	46.6
105	21.9	1.3	41.3
51	29.3	10.4	50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion:	188	Resp:	482043
Ion Ratio	Lower	Upper	
188	100		
94	7.9	6.8	10.2
80	8.4	7.6	11.4

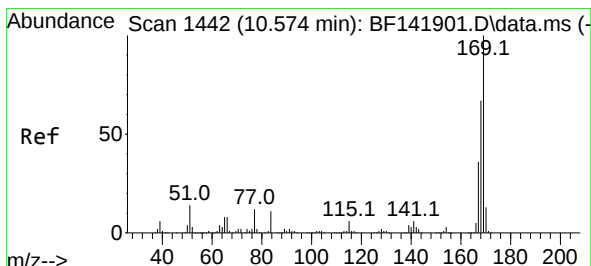
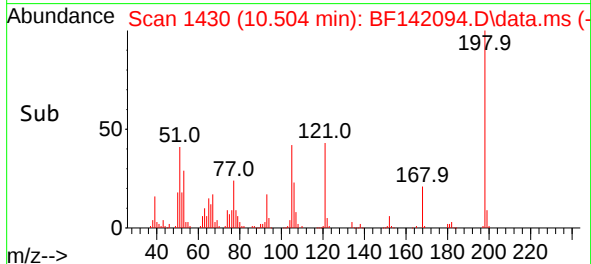
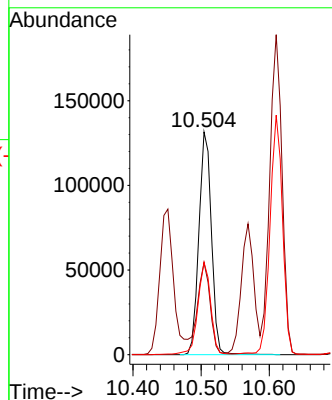
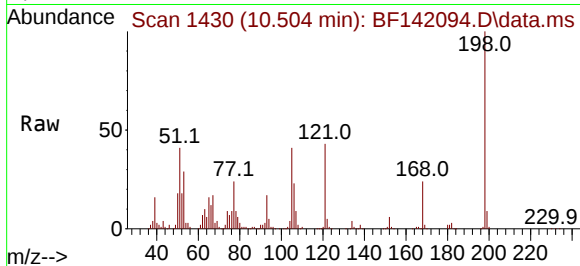




#65
4,6-Dinitro-2-methylphenol
Concen: 58.361 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

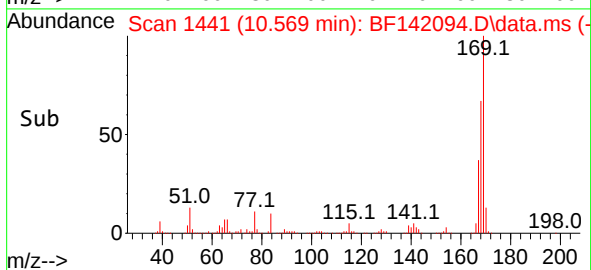
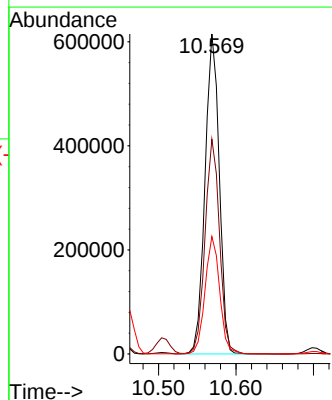
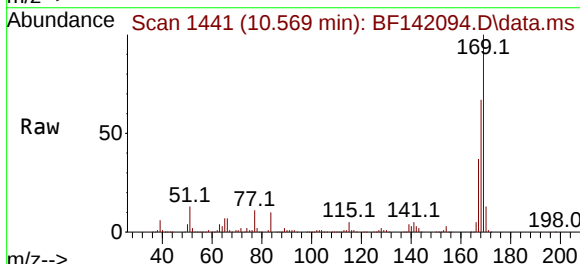
Instrument :
BNA_F
ClientSampleId :
PB167291BS

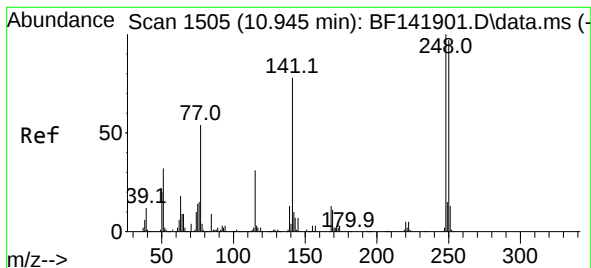
Tgt Ion:198 Resp: 167710
Ion Ratio Lower Upper
198 100
51 41.3 22.3 62.3
105 41.5 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 50.236 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion:169 Resp: 783637
Ion Ratio Lower Upper
169 100
168 67.1 53.7 80.5
167 36.7 29.2 43.8

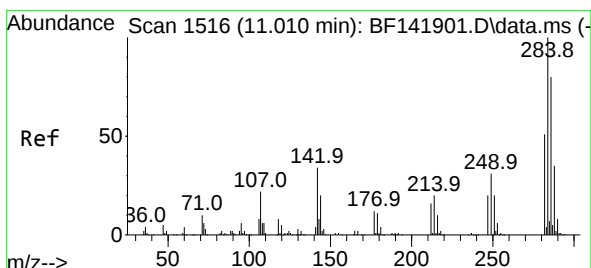
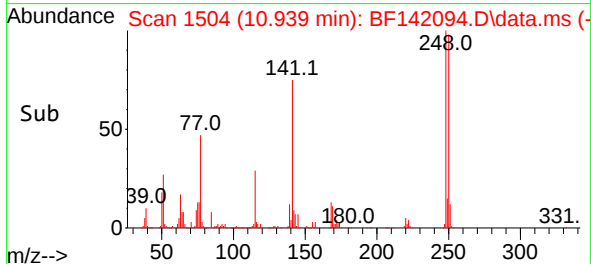
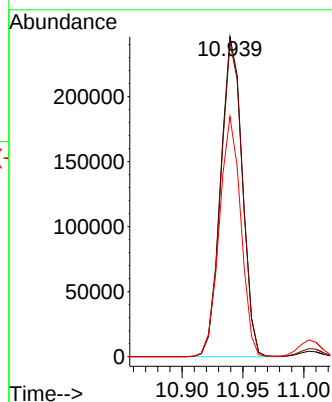
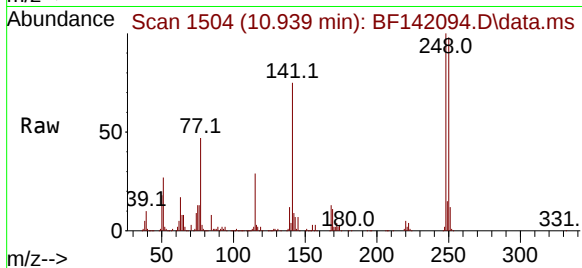




#67
4-Bromophenyl-phenylether
Concen: 50.423 ng
RT: 10.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

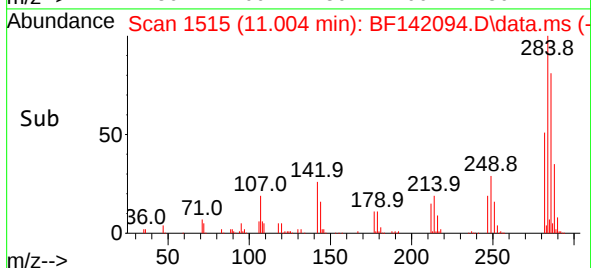
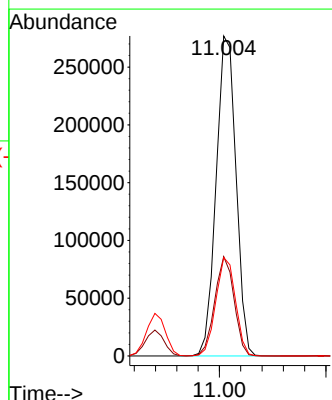
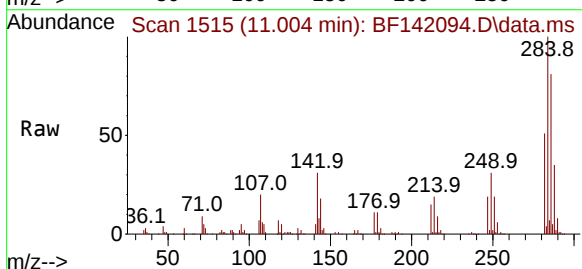
Instrument :
BNA_F
ClientSampleId :
PB167291BS

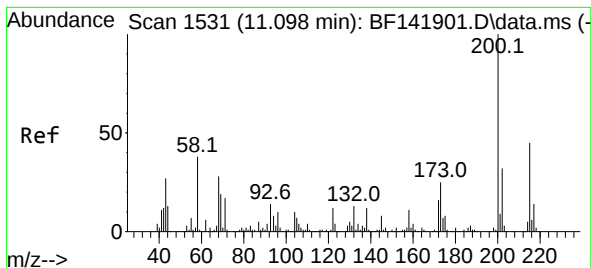
Tgt Ion:248 Resp: 305258
Ion Ratio Lower Upper
248 100
250 98.3 77.8 116.8
141 75.0 62.6 93.8



#68
Hexachlorobenzene
Concen: 53.993 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion:284 Resp: 358503
Ion Ratio Lower Upper
284 100
142 31.1 27.0 40.6
249 30.7 25.2 37.8





#69

Atrazine

Concen: 61.112 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167291BS

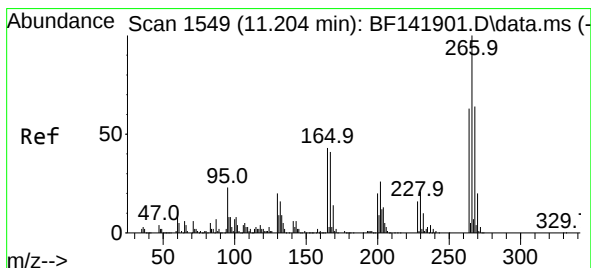
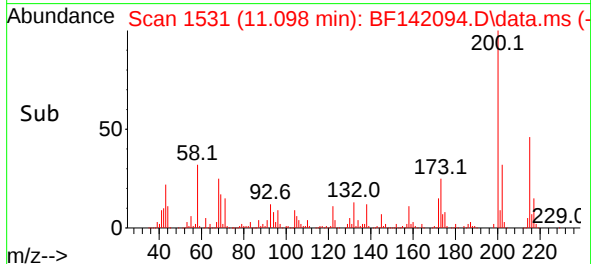
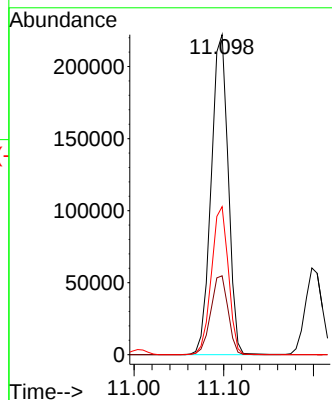
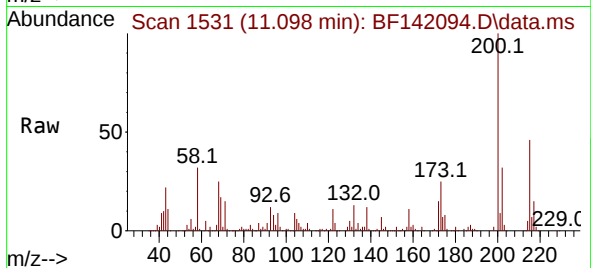
Tgt Ion:200 Resp: 292239

Ion Ratio Lower Upper

200 100

173 24.6 4.7 44.7

215 46.3 25.4 65.4



#70

Pentachlorophenol

Concen: 104.464 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

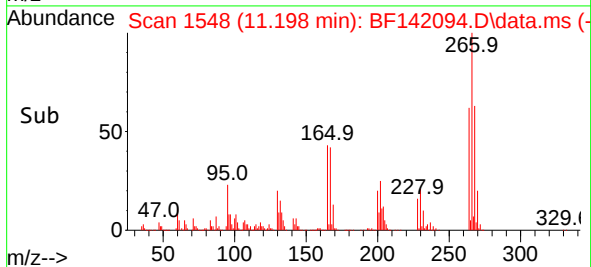
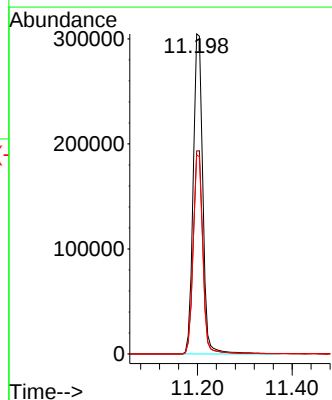
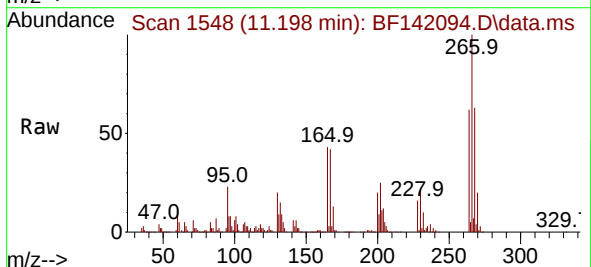
Tgt Ion:266 Resp: 427356

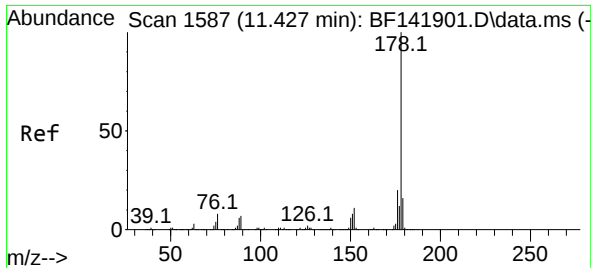
Ion Ratio Lower Upper

266 100

268 63.4 51.0 76.6

264 62.2 50.2 75.2

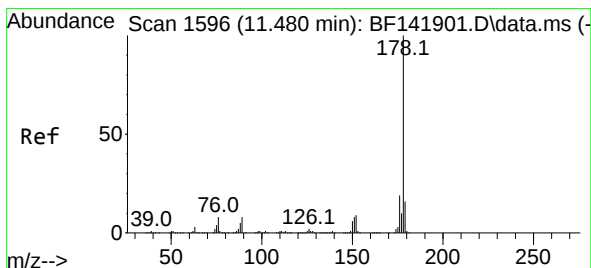
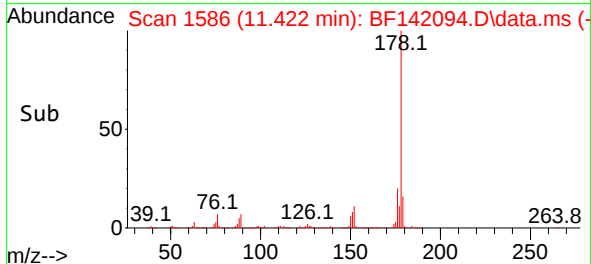
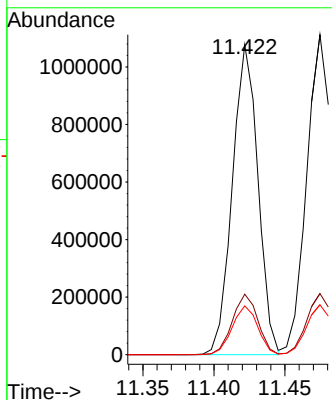
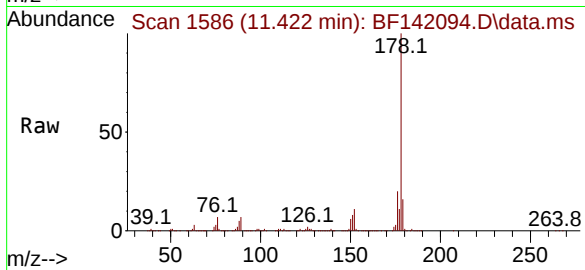




#71
Phenanthrene
Concen: 51.945 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

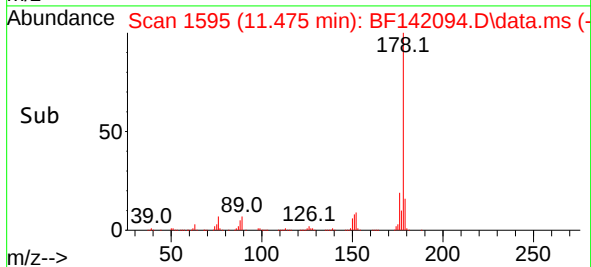
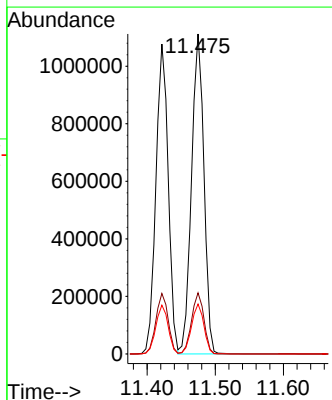
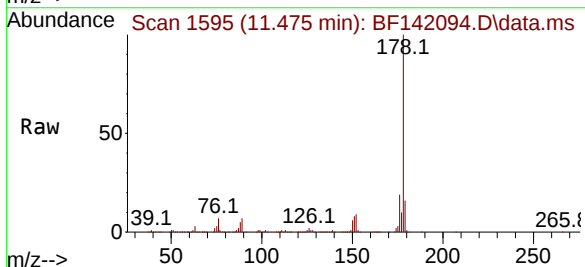
Instrument :
BNA_F
ClientSampleId :
PB167291BS

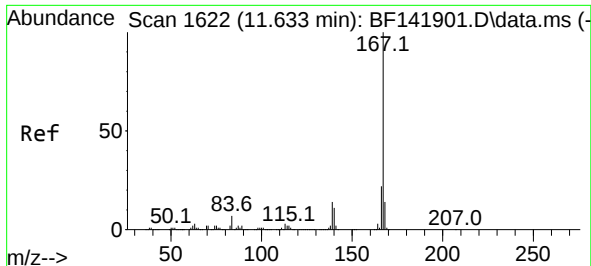
Tgt Ion:178 Resp: 1352485
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.8 12.6 19.0



#72
Anthracene
Concen: 53.577 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion:178 Resp: 1399528
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.6 12.6 19.0

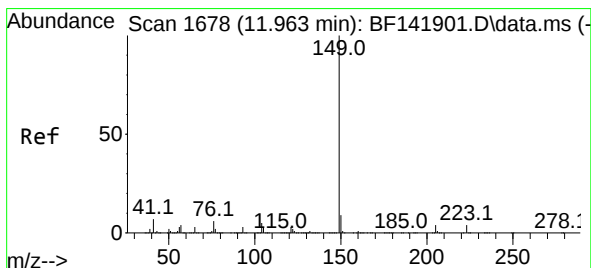
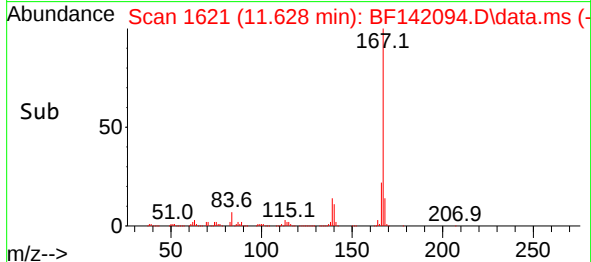
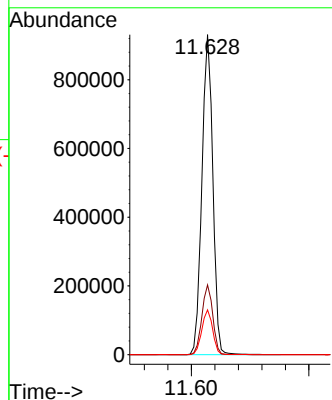
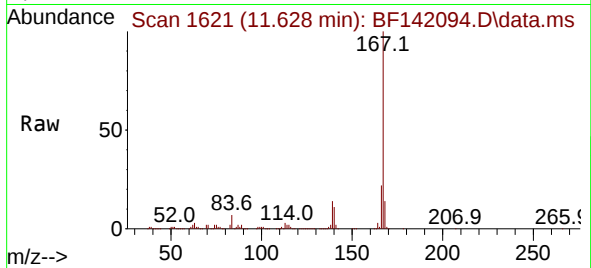




#73
Carbazole
Concen: 53.419 ng
RT: 11.628 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

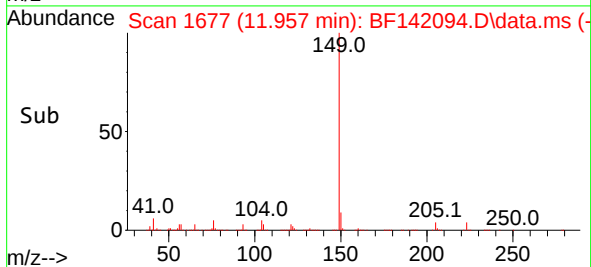
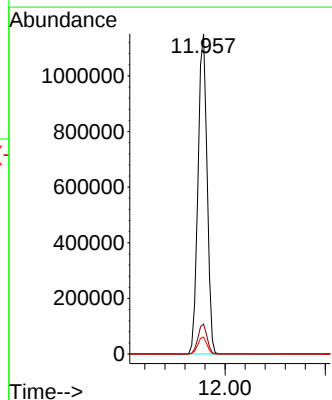
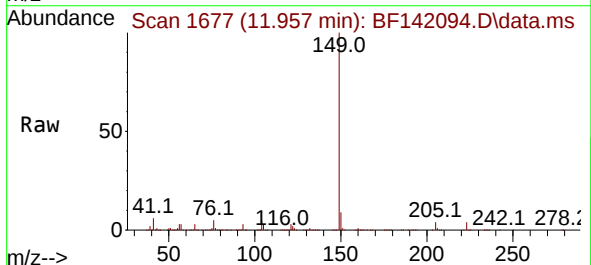
Instrument :
BNA_F
ClientSampleId :
PB167291BS

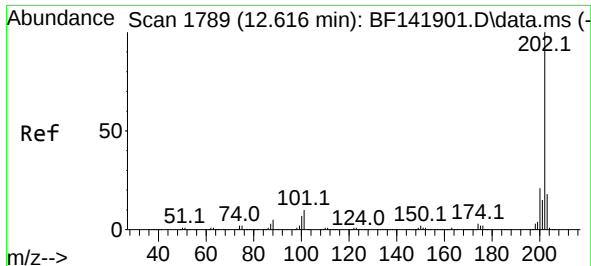
Tgt Ion:167 Resp: 1203410
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.2
139 14.0 11.0 16.6



#74
Di-n-butylphthalate
Concen: 48.161 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion:149 Resp: 1439596
Ion Ratio Lower Upper
149 100
150 9.3 7.6 11.4
104 5.2 4.4 6.6

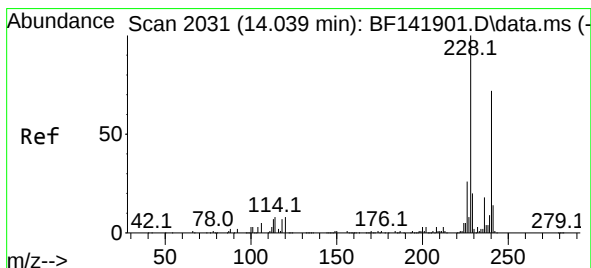
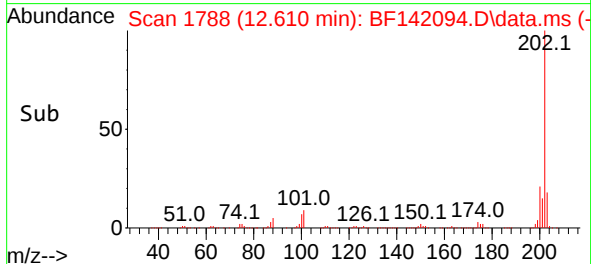
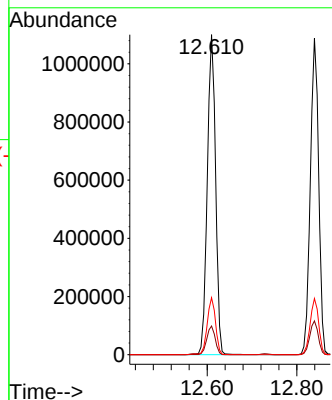
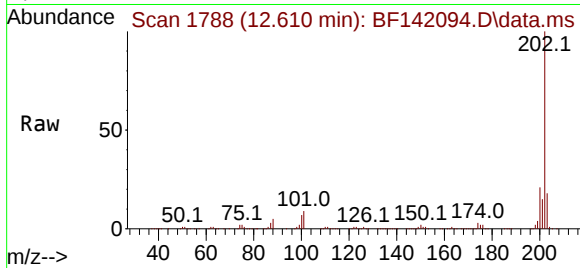




#75
Fluoranthene
Concen: 51.055 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

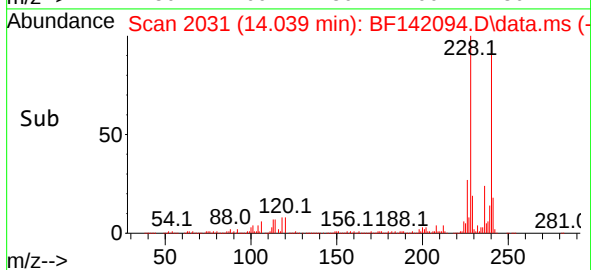
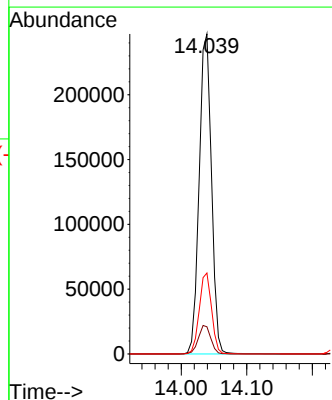
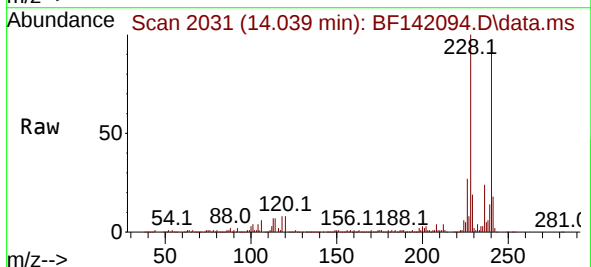
Instrument :
BNA_F
ClientSampleId :
PB167291BS

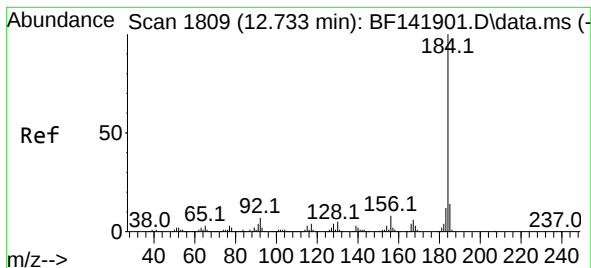
Tgt Ion:202 Resp: 1410069
Ion Ratio Lower Upper
202 100
101 8.9 0.0 29.7
203 17.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion:240 Resp: 322263
Ion Ratio Lower Upper
240 100
120 8.5 8.4 12.6
236 25.3 20.5 30.7





#77

Benzidine

Concen: 117.765 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167291BS

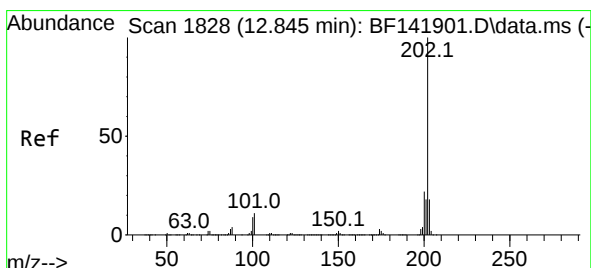
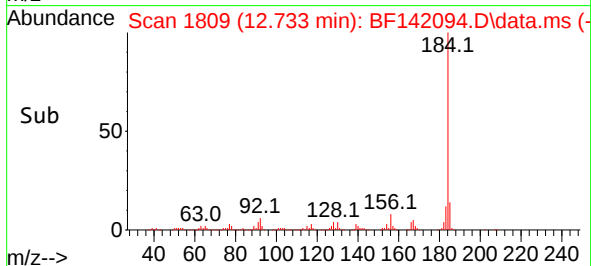
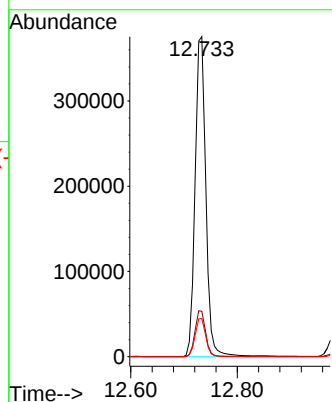
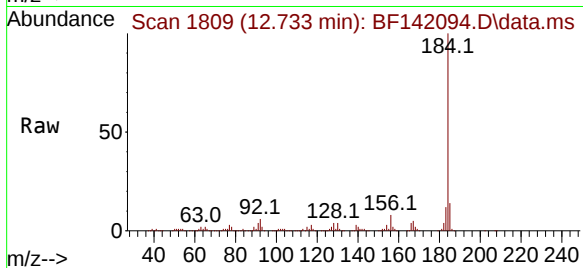
Tgt Ion:184 Resp: 529491

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

183 11.9 9.7 14.5



#78

Pyrene

Concen: 50.374 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

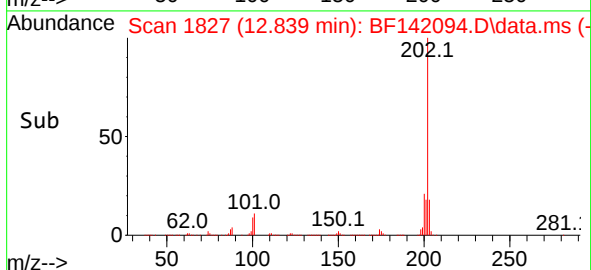
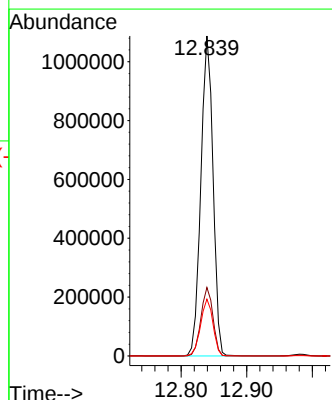
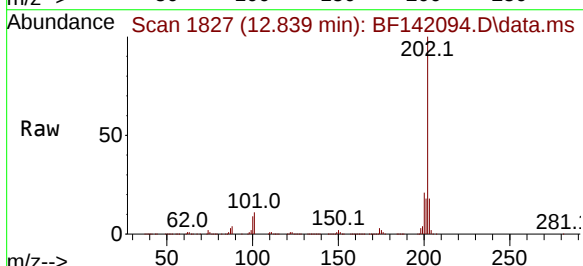
Tgt Ion:202 Resp: 1404222

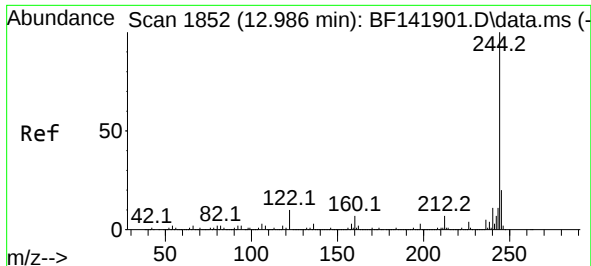
Ion Ratio Lower Upper

202 100

200 21.4 17.3 25.9

203 17.7 14.4 21.6

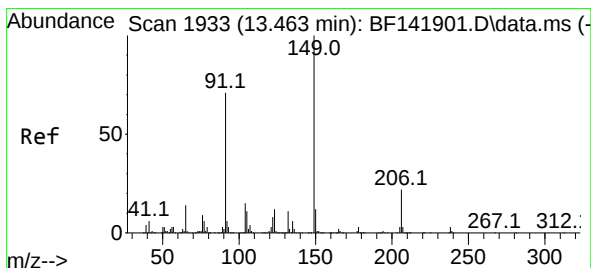
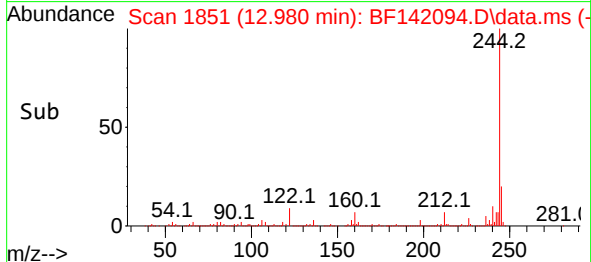
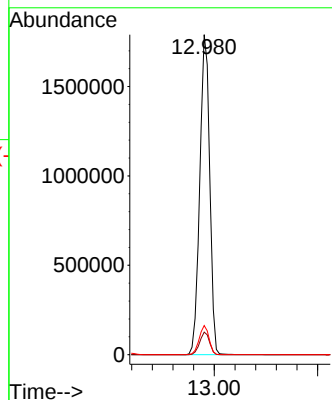
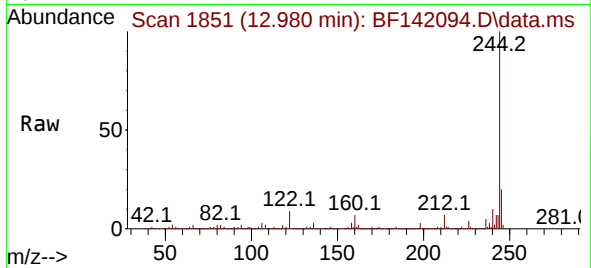




#79
 Terphenyl-d14
 Concen: 109.194 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142094.D
 Acq: 26 Mar 2025 13:37

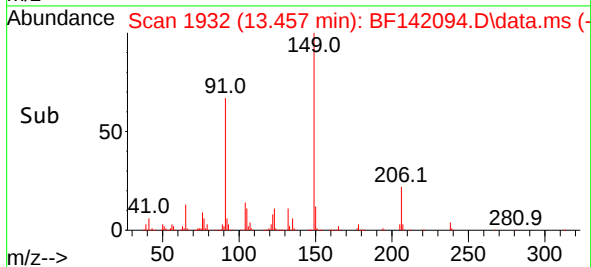
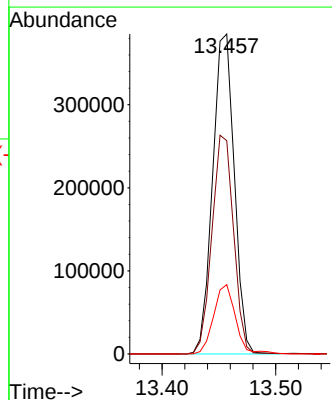
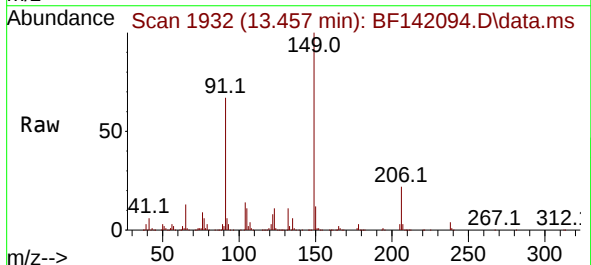
Instrument :
 BNA_F
 ClientSampleId :
 PB167291BS

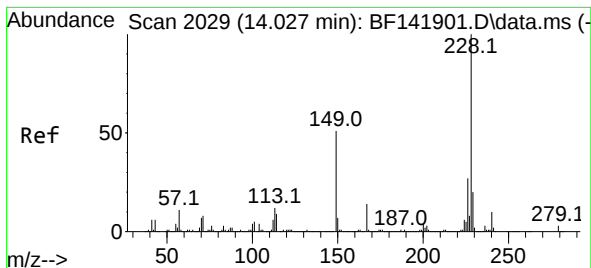
Tgt Ion:244 Resp: 2380144
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.1 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 46.844 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF142094.D
 Acq: 26 Mar 2025 13:37

Tgt Ion:149 Resp: 511101
 Ion Ratio Lower Upper
 149 100
 91 66.7 56.5 84.7
 206 21.7 17.3 25.9





#81

Benzo(a)anthracene

Concen: 53.096 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167291BS

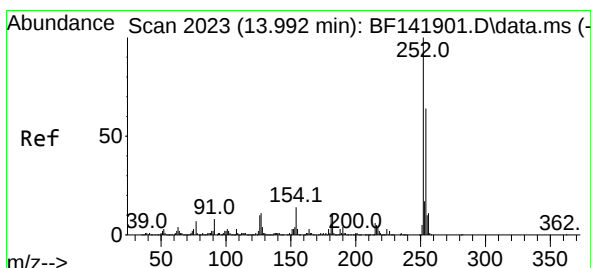
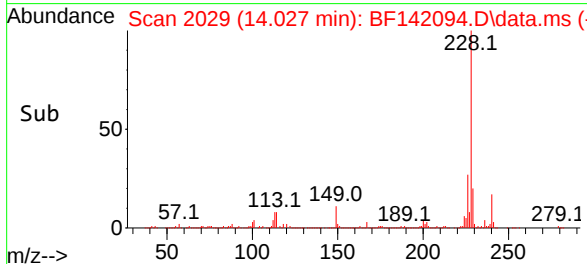
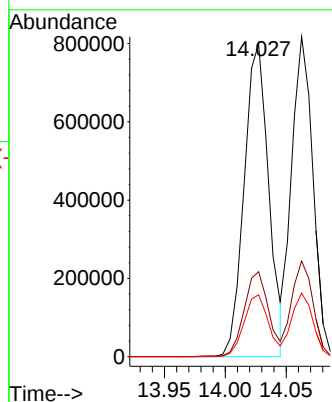
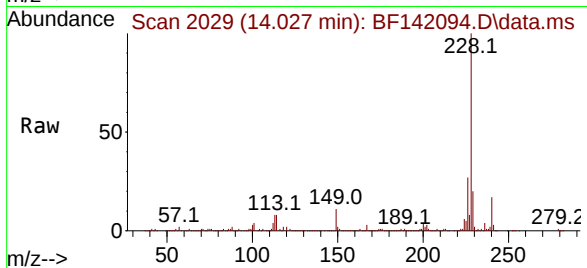
Tgt Ion:228 Resp: 1122815

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.8 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 24.915 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

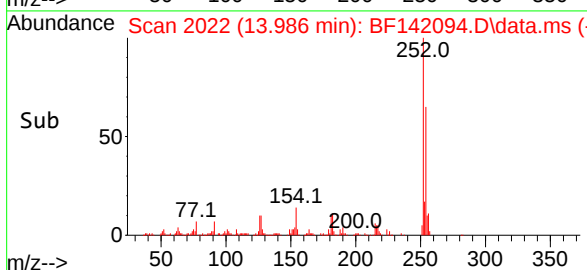
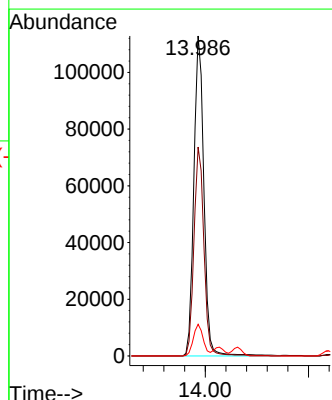
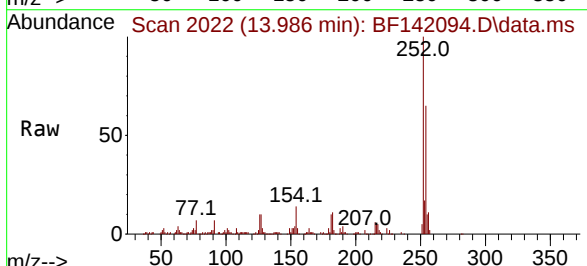
Tgt Ion:252 Resp: 152262

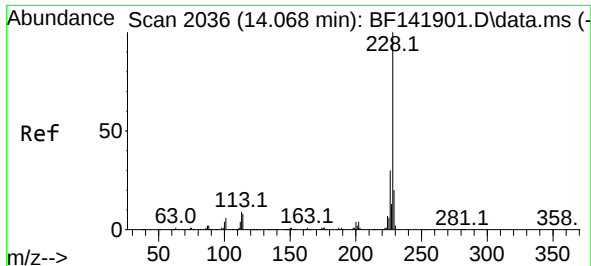
Ion Ratio Lower Upper

252 100

254 65.3 51.0 76.6

126 9.9 8.4 12.6

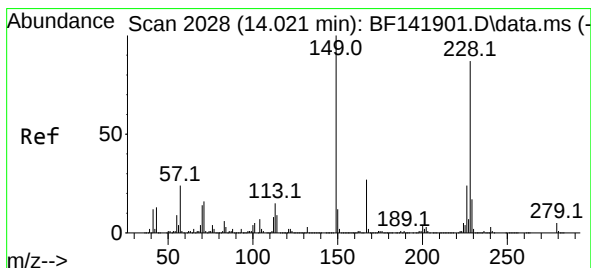
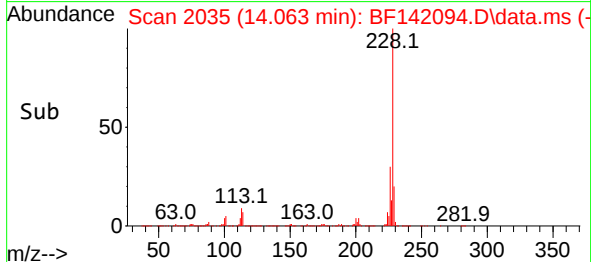
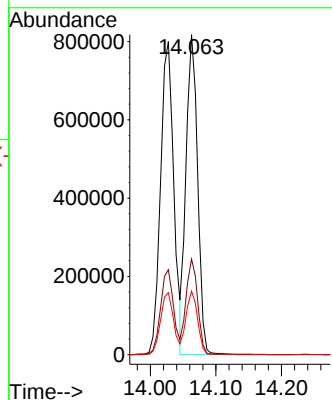
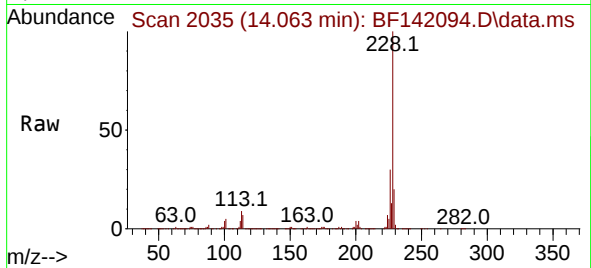




#83
Chrysene
Concen: 52.163 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

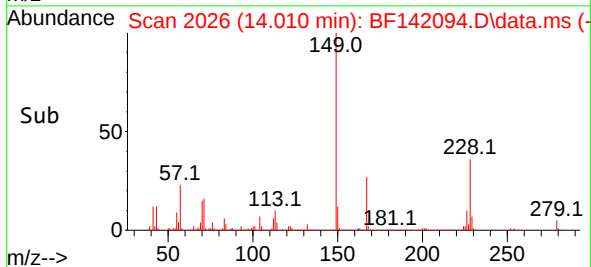
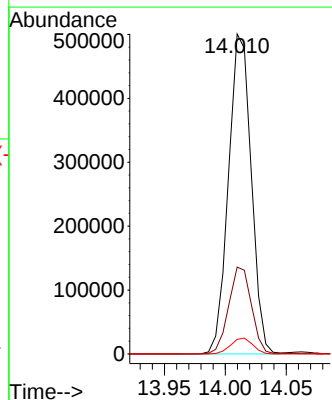
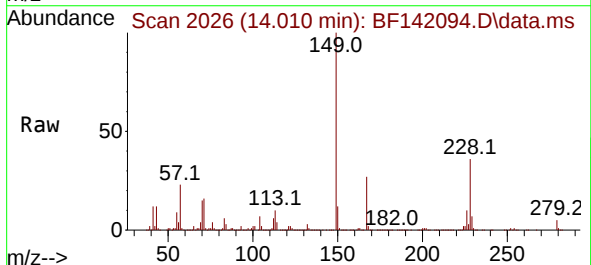
Instrument :
BNA_F
ClientSampleId :
PB167291BS

Tgt Ion:228 Resp: 999922
Ion Ratio Lower Upper
228 100
226 29.9 24.1 36.1
229 19.8 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.363 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion:149 Resp: 652335
Ion Ratio Lower Upper
149 100
167 27.1 21.4 32.0
279 4.5 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 46.397 ng

RT: 14.621 min Scan# 2132

Delta R.T. -0.012 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167291BS

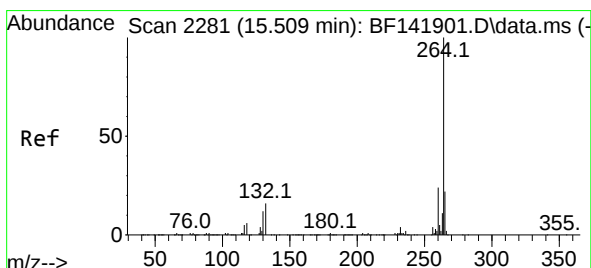
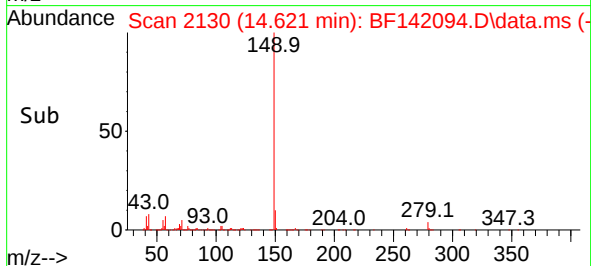
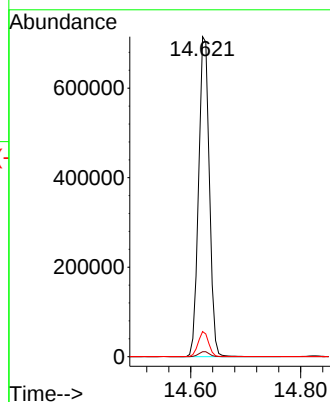
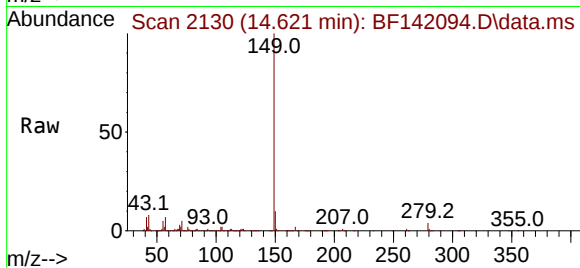
Tgt Ion:149 Resp: 971171

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

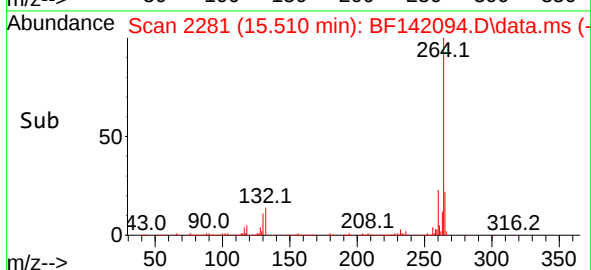
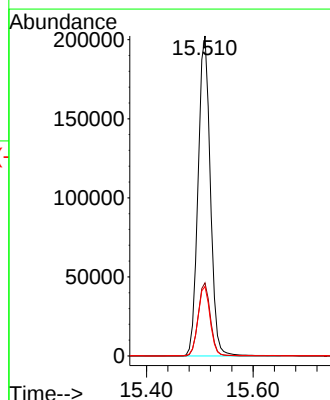
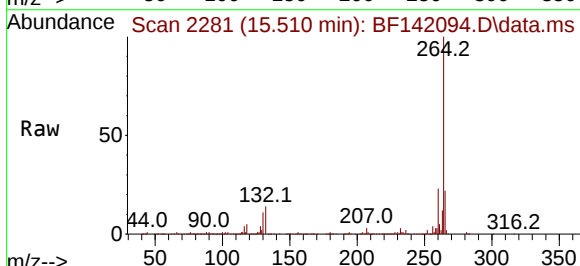
Tgt Ion:264 Resp: 321854

Ion Ratio Lower Upper

264 100

260 22.9 19.1 28.7

265 21.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.652 ng

RT: 17.004 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167291BS

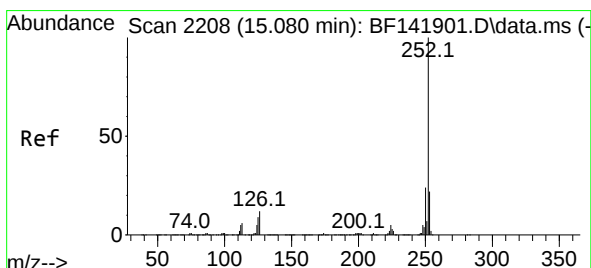
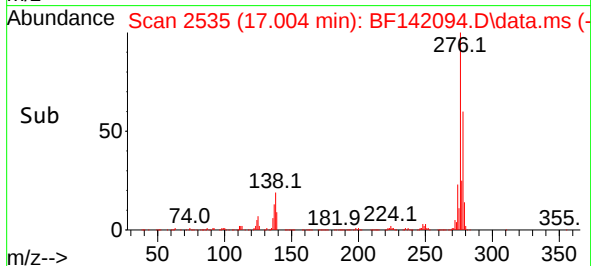
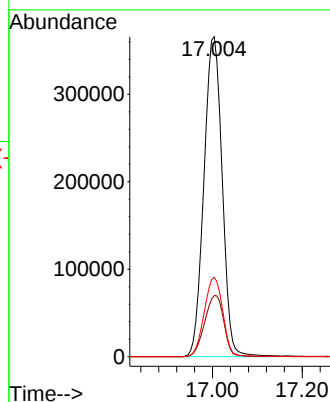
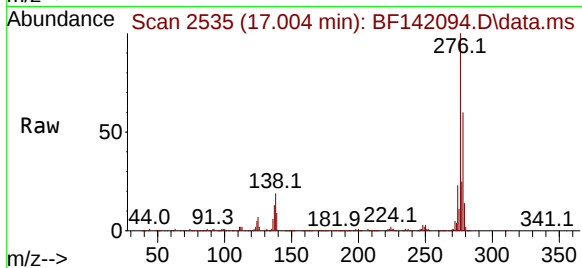
Tgt Ion:276 Resp: 1033775

Ion Ratio Lower Upper

276 100

138 20.2 18.4 27.6

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 46.376 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF142094.D

Acq: 26 Mar 2025 13:37

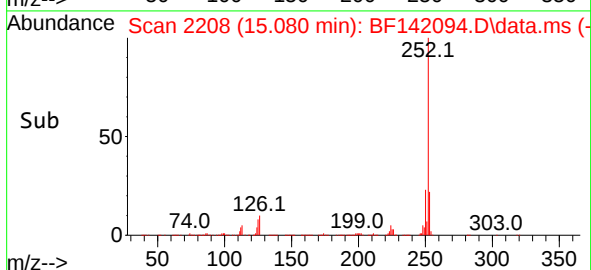
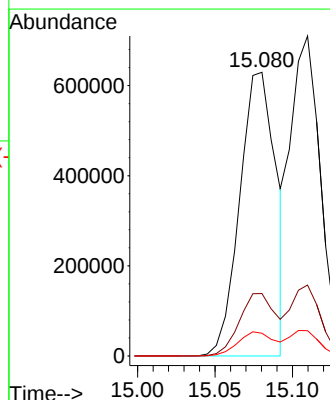
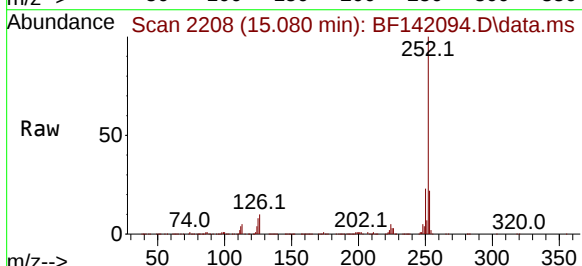
Tgt Ion:252 Resp: 1022975

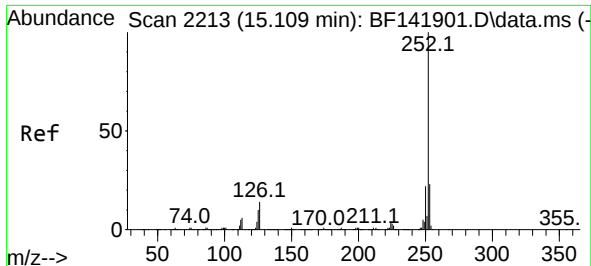
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 8.0 7.0 10.4

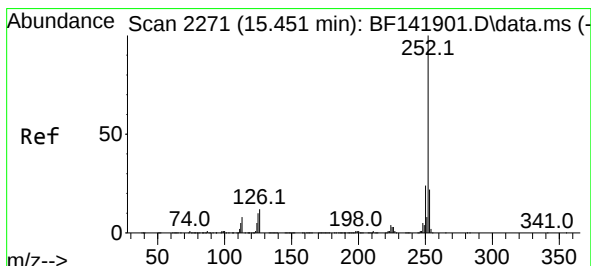
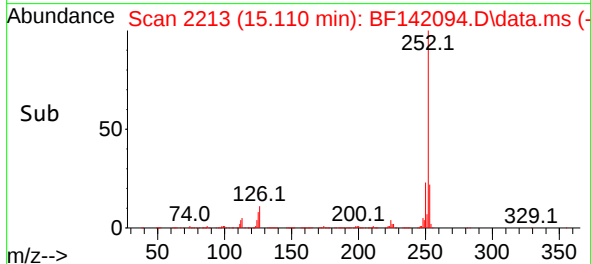
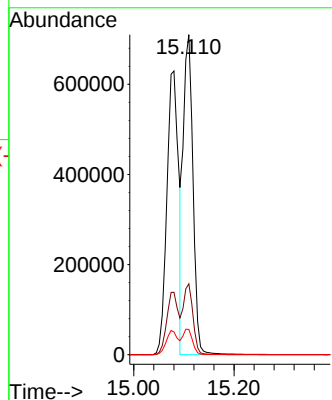
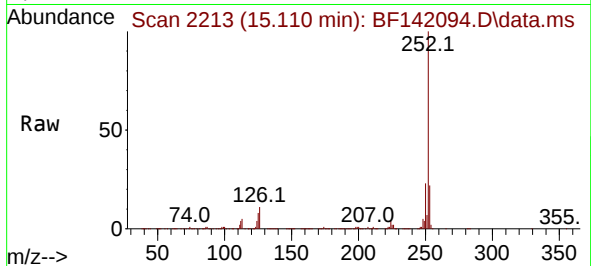




#89
Benzo(k)fluoranthene
Concen: 50.719 ng
RT: 15.110 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

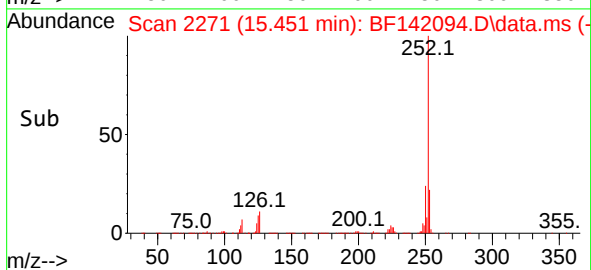
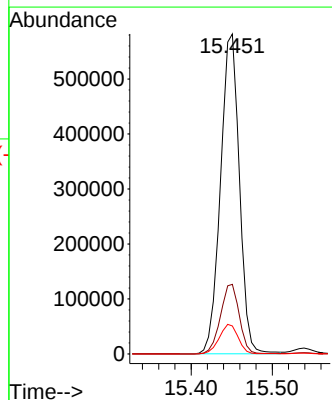
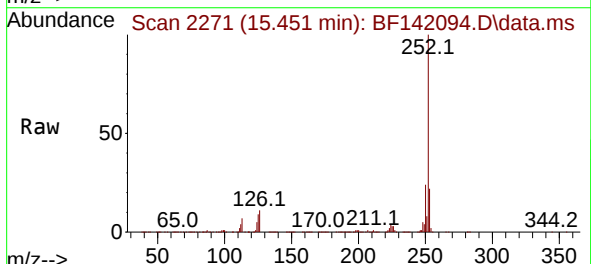
Instrument :
BNA_F
ClientSampleId :
PB167291BS

Tgt Ion:252 Resp: 957431
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 7.9 7.2 10.8



#90
Benzo(a)pyrene
Concen: 54.561 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion:252 Resp: 941727
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 8.8 7.8 11.8

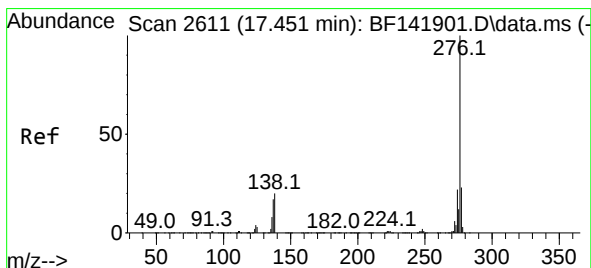
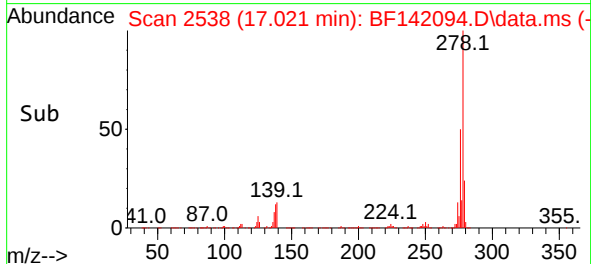
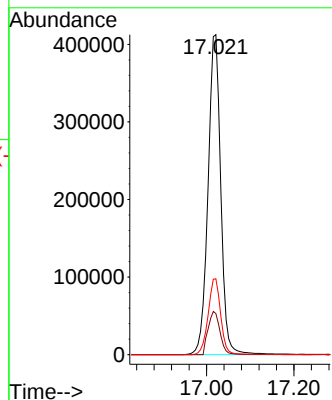
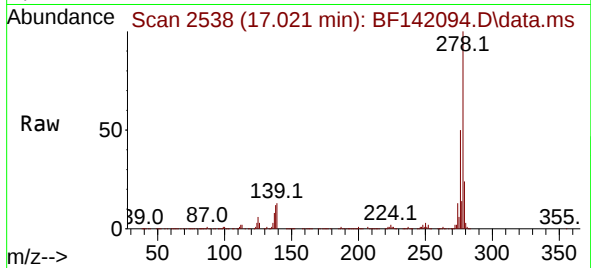




#91
Dibenzo(a,h)anthracene
Concen: 48.866 ng
RT: 17.021 min Scan# 2538
Delta R.T. 0.000 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Instrument :
BNA_F
ClientSampleId :
PB167291BS

Tgt Ion:278 Resp: 839440
Ion Ratio Lower Upper
278 100
139 12.8 11.4 17.2
279 23.7 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 46.043 ng
RT: 17.451 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BF142094.D
Acq: 26 Mar 2025 13:37

Tgt Ion:276 Resp: 781614
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 17.7 15.8 23.8

