

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
 Data File : BF142153.D
 Acq On : 28 Mar 2025 11:33
 Operator : RC/JU
 Sample : PB167359BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167359BS

Quant Time: Mar 28 12:07:28 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	127211	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	509295	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	301932	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	550245	20.000	ng	0.00
76) Chrysene-d12	14.039	240	357068	20.000	ng	0.00
86) Perylene-d12	15.515	264	323038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1084603	142.296	ng	0.00
7) Phenol-d6	6.504	99	1337562	137.826	ng	0.00
23) Nitrobenzene-d5	7.434	82	875209	96.709	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	664119	173.381	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1901071	95.756	ng	0.00
79) Terphenyl-d14	12.986	244	2495658	103.334	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	135259	42.352	ng	98
3) Pyridine	3.475	79	356893	45.557	ng	97
4) n-Nitrosodimethylamine	3.428	42	172288	46.136	ng	97
6) Aniline	6.534	93	333610	34.847	ng	95
8) 2-Chlorophenol	6.657	128	447789	52.970	ng	97
9) Benzaldehyde	6.422	77	274369	50.551	ng	98
10) Phenol	6.516	94	509989	49.952	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	376927	49.167	ng	98
12) 1,3-Dichlorobenzene	6.810	146	464979	50.948	ng	99
13) 1,4-Dichlorobenzene	6.887	146	475471	51.491	ng	100
14) 1,2-Dichlorobenzene	7.040	146	452616	52.039	ng	98
15) Benzyl Alcohol	7.010	79	386749	49.294	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	411626	44.475	ng	96
17) 2-Methylphenol	7.122	107	353317	52.566	ng	99
18) Hexachloroethane	7.381	117	176714	51.033	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	288797	46.312	ng	98
20) 3+4-Methylphenols	7.275	107	441720	51.307	ng	# 87
22) Acetophenone	7.281	105	591079	48.463	ng	97
24) Nitrobenzene	7.457	77	446038	49.578	ng	97
25) Isophorone	7.692	82	823058	51.450	ng	99
26) 2-Nitrophenol	7.769	139	242372	54.890	ng	98
27) 2,4-Dimethylphenol	7.804	122	411875	67.741	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	485049	48.342	ng	100
29) 2,4-Dichlorophenol	8.010	162	393546	52.147	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	424641	51.058	ng	99
31) Naphthalene	8.175	128	1278545	48.871	ng	99
32) Benzoic acid	7.934	122	286887	53.678	ng	97
33) 4-Chloroaniline	8.222	127	104527	11.318	ng	97
34) Hexachlorobutadiene	8.292	225	281295	51.863	ng	99
35) Caprolactam	8.598	113	76730	33.348	ng	90
36) 4-Chloro-3-methylphenol	8.710	107	435758	51.762	ng	97
37) 2-Methylnaphthalene	8.869	142	800090	45.754	ng	99
38) 1-Methylnaphthalene	8.969	142	833728	49.408	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	464116	50.488	ng	98
41) Hexachlorocyclopentadiene	9.022	237	641948	178.437	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	317491	52.847	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	320082	52.605	ng	99
46) 1,1'-Biphenyl	9.334	154	1128118	49.174	ng	99
47) 2-Chloronaphthalene	9.357	162	863850	50.520	ng	98
48) 2-Nitroaniline	9.451	65	252113	50.922	ng	99
49) Acenaphthylene	9.775	152	1364646	53.780	ng	100
50) Dimethylphthalate	9.633	163	1077433	50.958	ng	100
51) 2,6-Dinitrotoluene	9.698	165	233773	53.103	ng	92
52) Acenaphthene	9.945	154	883206	49.529	ng	100
53) 3-Nitroaniline	9.863	138	92683	20.755	ng	98
54) 2,4-Dinitrophenol	9.975	184	287431	112.045	ng	# 46
55) Dibenzofuran	10.122	168	1240364	48.680	ng	98
56) 4-Nitrophenol	10.028	139	372717	110.678	ng	96
57) 2,4-Dinitrotoluene	10.104	165	332839	57.887	ng	100
58) Fluorene	10.463	166	1006665	51.231	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	302510	54.636	ng	96
60) Diethylphthalate	10.333	149	1058006	50.183	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	527401	51.483	ng	97
62) 4-Nitroaniline	10.481	138	230881	53.107	ng	99
63) Azobenzene	10.610	77	928825	47.387	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	198879	60.629	ng	97
66) n-Nitrosodiphenylamine	10.575	169	899795	50.533	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	351892	50.922	ng	98
68) Hexachlorobenzene	11.010	284	409110	53.978	ng	94
69) Atrazine	11.098	200	339800	62.250	ng	99
70) Pentachlorophenol	11.204	266	487288	104.350	ng	99
71) Phenanthrene	11.428	178	1523707	51.268	ng	99
72) Anthracene	11.475	178	1565850	52.515	ng	100
73) Carbazole	11.628	167	1332600	51.822	ng	100
74) Di-n-butylphthalate	11.957	149	1670767	48.966	ng	100
75) Fluoranthene	12.616	202	1600101	50.754	ng	99
77) Benzidine	12.733	184	466056	93.552	ng	99
78) Pyrene	12.845	202	1585780	51.342	ng	100
80) Butylbenzylphthalate	13.457	149	614229	50.808	ng	98
81) Benzo(a)anthracene	14.027	228	1279730	54.617	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	114578	16.921	ng	100
83) Chrysene	14.069	228	1066728	50.224	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	821970	49.313	ng	99
85) Di-n-octyl phthalate	14.627	149	1209209	52.138	ng	98
87) Indeno(1,2,3-cd)pyrene	17.009	276	1058464	50.652	ng	97
88) Benzo(b)fluoranthene	15.080	252	1074740	48.544	ng	99
89) Benzo(k)fluoranthene	15.116	252	960537	50.697	ng	99
90) Benzo(a)pyrene	15.451	252	962928	55.585	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	858300	49.781	ng	99
92) Benzo(g,h,i)perylene	17.462	276	860263	50.491	ng	98

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

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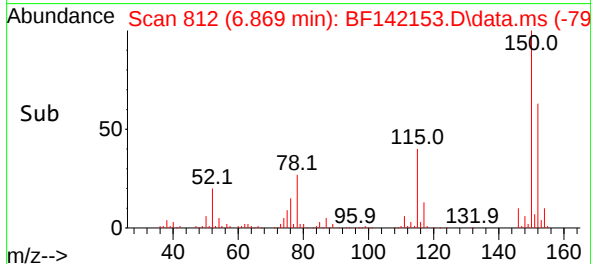
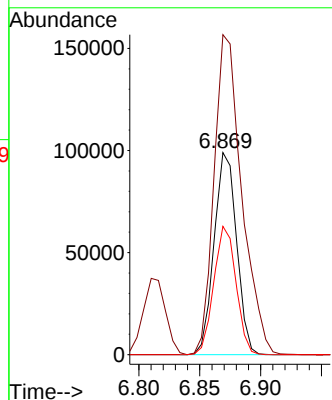
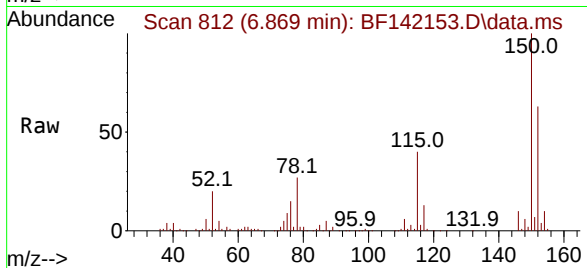




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF142153.D
 Acq: 28 Mar 2025 11:33

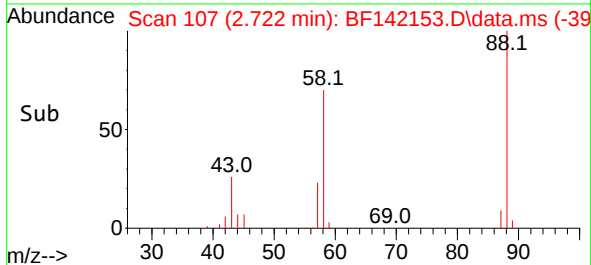
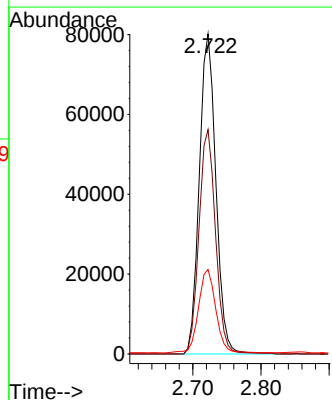
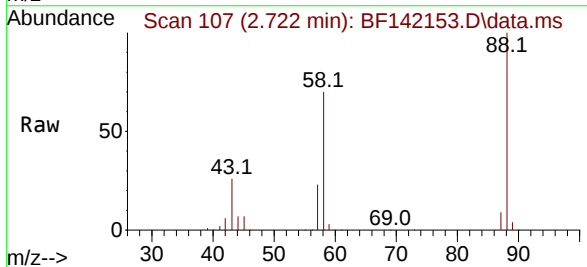
Instrument :
 BNA_F
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 PB167359BS

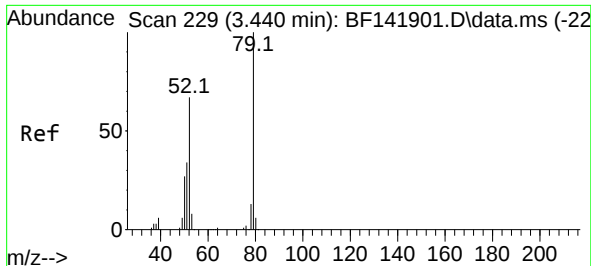
Tgt Ion:152 Resp: 127211
 Ion Ratio Lower Upper
 152 100
 150 158.3 127.4 191.2
 115 63.5 51.9 77.9



#2
 1,4-Dioxane
 Concen: 42.352 ng
 RT: 2.722 min Scan# 107
 Delta R.T. 0.047 min
 Lab File: BF142153.D
 Acq: 28 Mar 2025 11:33

Tgt Ion: 88 Resp: 135259
 Ion Ratio Lower Upper
 88 100
 58 70.2 57.4 86.2
 43 27.4 21.5 32.3





#3

Pyridine

Concen: 45.557 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF142153.D

Acq: 28 Mar 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB167359BS

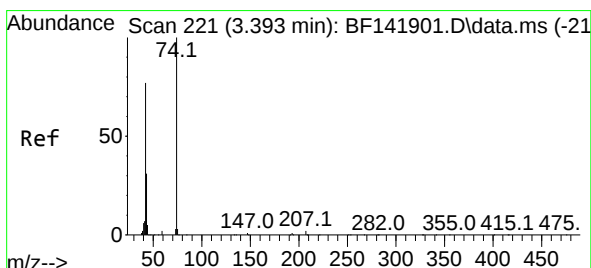
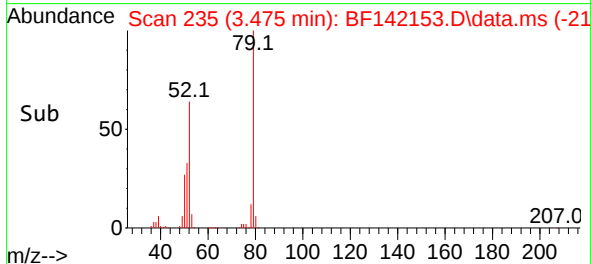
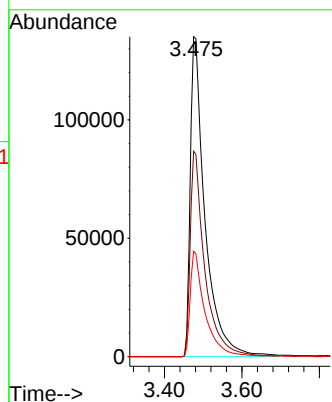
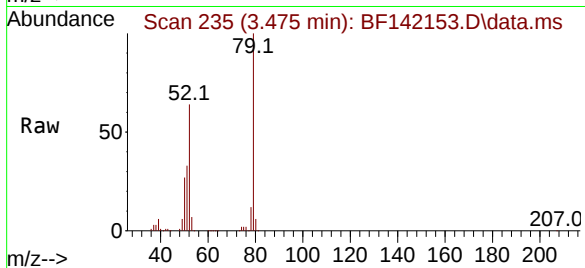
Tgt Ion: 79 Resp: 356893

Ion Ratio Lower Upper

79 100

52 64.2 53.3 79.9

51 32.9 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 46.136 ng

RT: 3.428 min Scan# 227

Delta R.T. 0.035 min

Lab File: BF142153.D

Acq: 28 Mar 2025 11:33

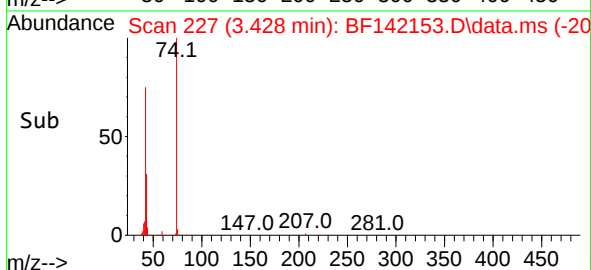
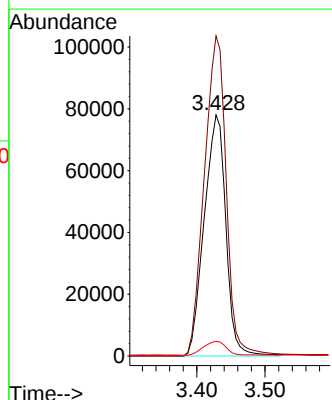
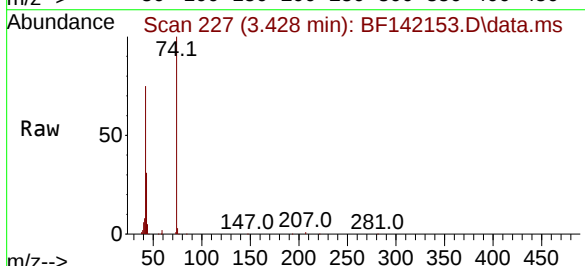
Tgt Ion: 42 Resp: 172288

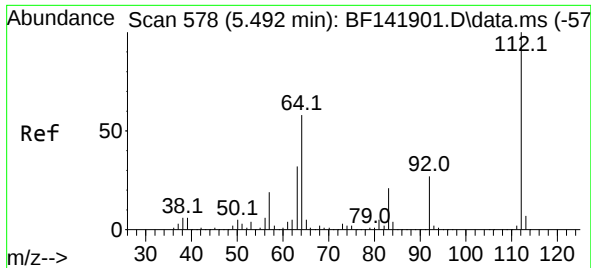
Ion Ratio Lower Upper

42 100

74 132.8 103.4 155.0

44 6.1 5.0 7.4

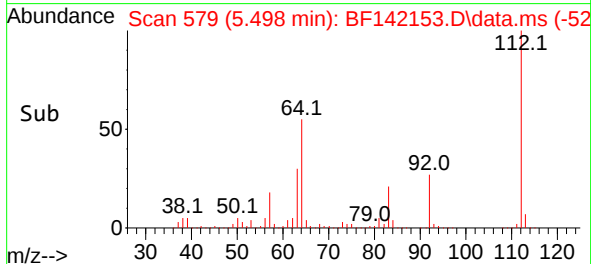
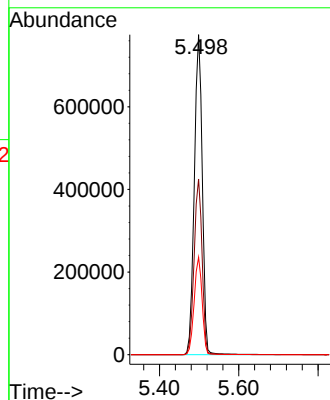
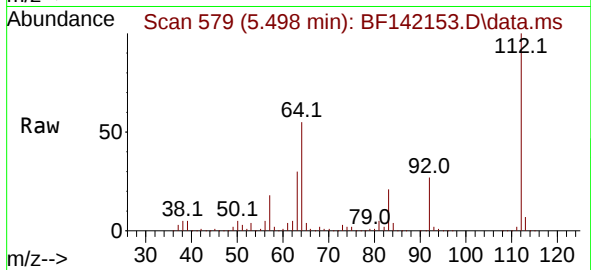




#5
2-Fluorophenol
Concen: 142.296 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

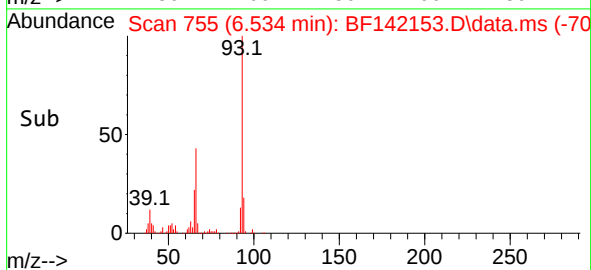
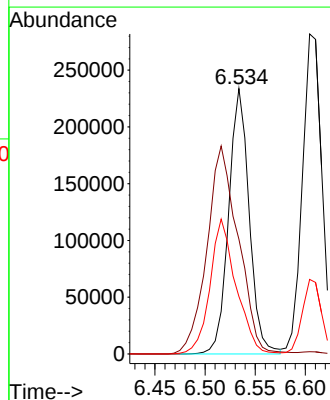
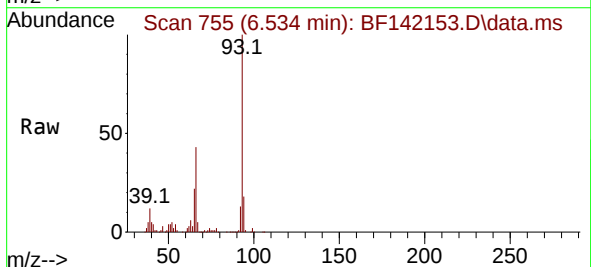
Instrument :
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Tgt Ion:112 Resp: 1084603
Ion Ratio Lower Upper
112 100
64 54.9 46.5 69.7
63 30.4 25.4 38.2



#6
Aniline
Concen: 34.847 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion: 93 Resp: 333610
Ion Ratio Lower Upper
93 100
66 43.2 31.9 47.9
65 21.6 15.8 23.6





#7
Phenol-d6
Concen: 137.826 ng
RT: 6.504 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Instrument :

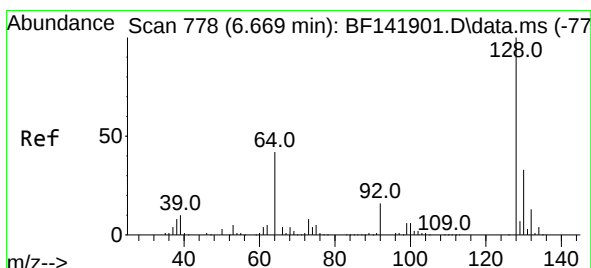
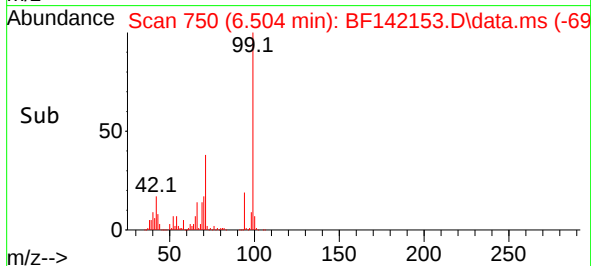
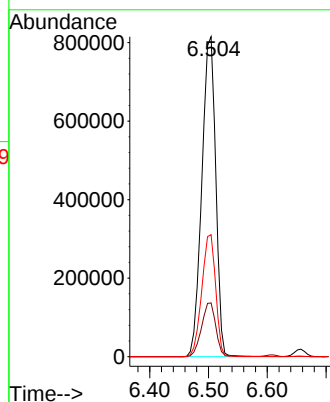
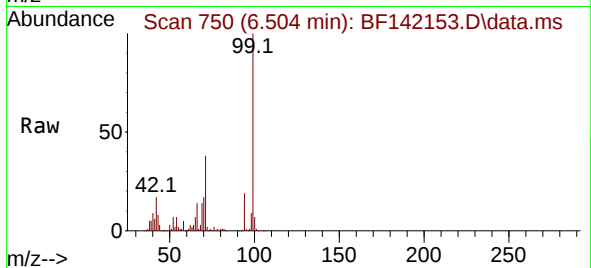
BNA_F

ClientSampleId :

PB167359BS

Tgt Ion: 99 Resp: 1337562

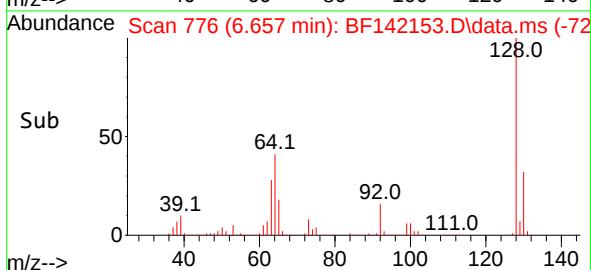
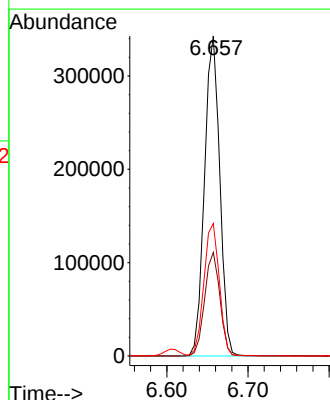
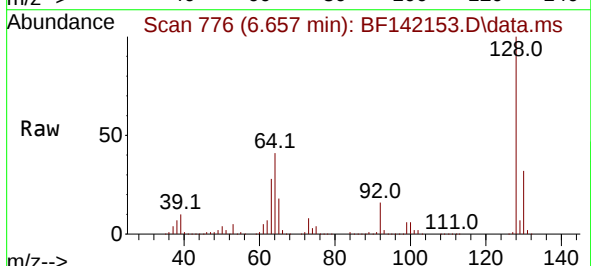
Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.6	21.8
71	38.2	30.8	46.2



#8
2-Chlorophenol
Concen: 52.970 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion:128 Resp: 447789

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.8	52.8
64	41.4	24.4	64.4

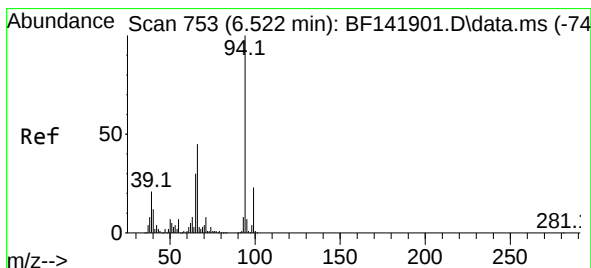
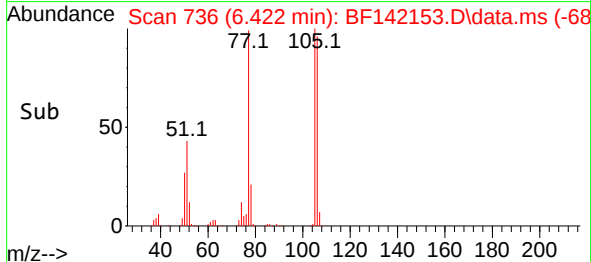
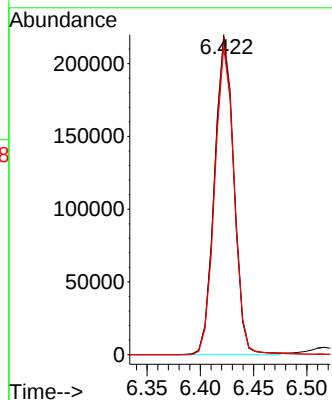
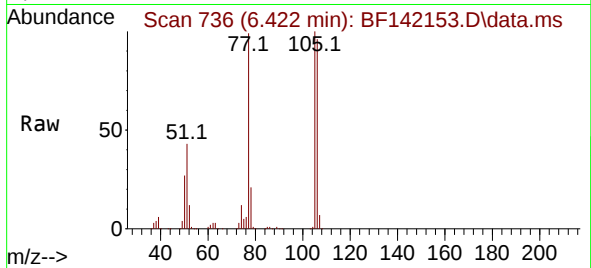




#9
Benzaldehyde
Concen: 50.551 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

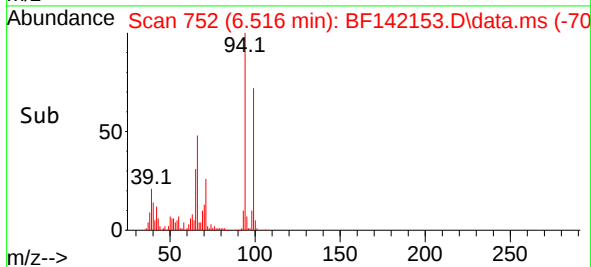
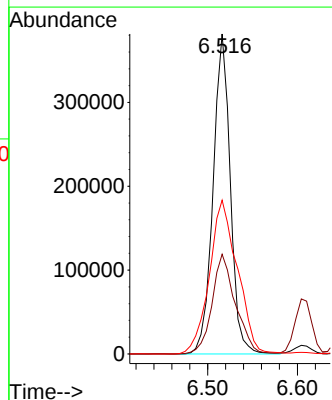
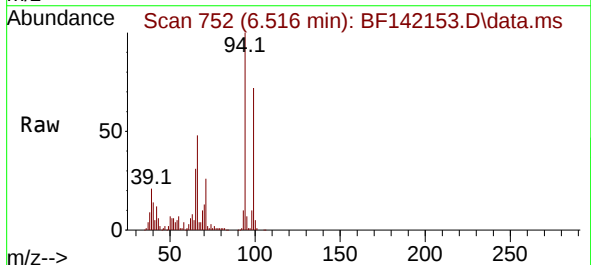
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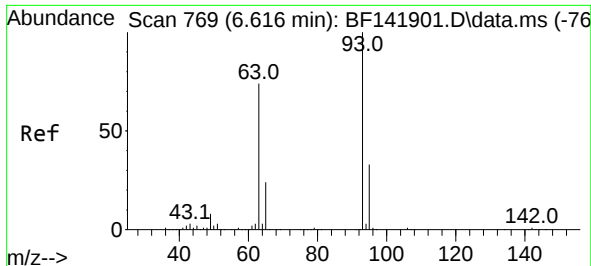
Tgt Ion: 77 Resp: 274369
Ion Ratio Lower Upper
77 100
105 100.9 80.0 120.0
106 96.8 74.5 114.5



#10
Phenol
Concen: 49.952 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion: 94 Resp: 509989
Ion Ratio Lower Upper
94 100
65 31.1 10.5 50.5
66 48.0 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 49.167 ng

RT: 6.604 min Scan# 769

Delta R.T. -0.012 min

Lab File: BF142153.D

Acq: 28 Mar 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB167359BS

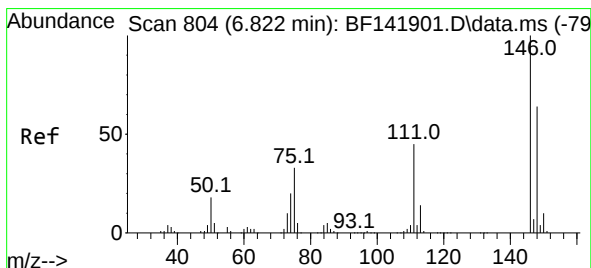
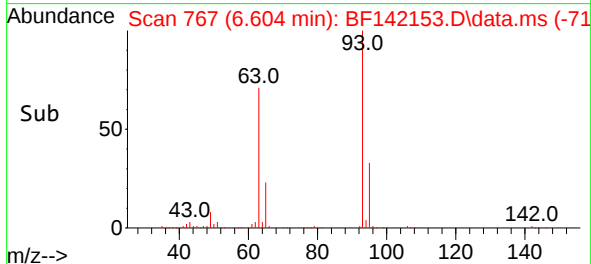
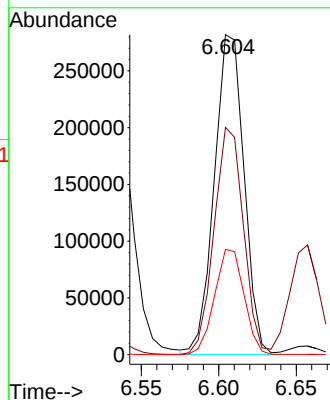
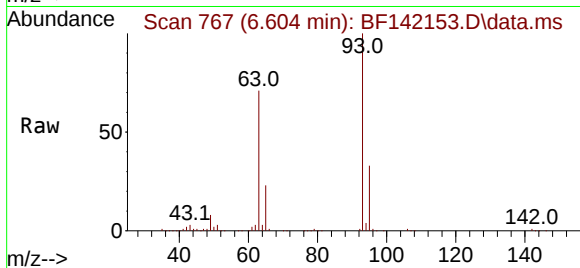
Tgt Ion: 93 Resp: 376927

Ion Ratio Lower Upper

93 100

63 71.1 53.0 93.0

95 32.9 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 50.948 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.012 min

Lab File: BF142153.D

Acq: 28 Mar 2025 11:33

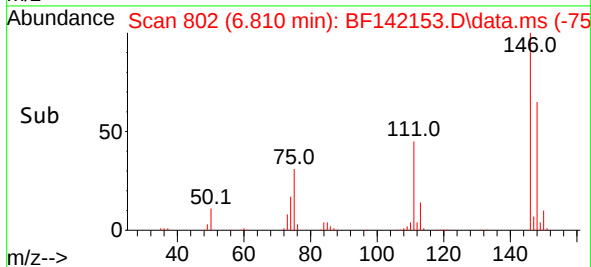
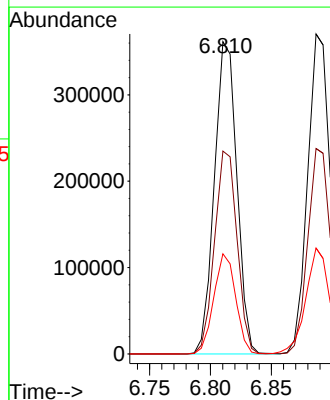
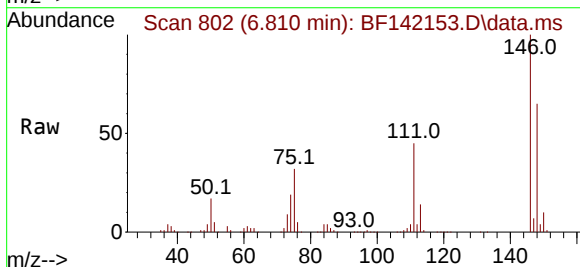
Tgt Ion:146 Resp: 464979

Ion Ratio Lower Upper

146 100

148 64.9 51.3 76.9

75 32.1 26.6 40.0

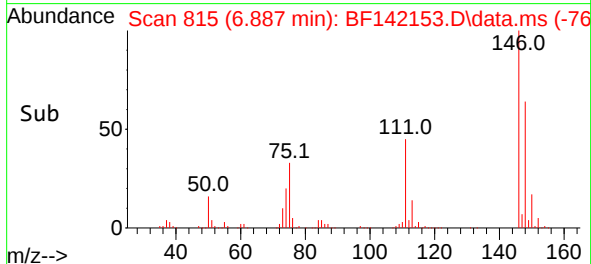
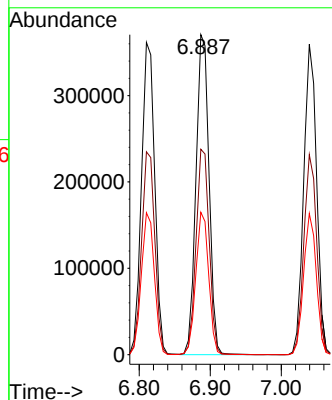
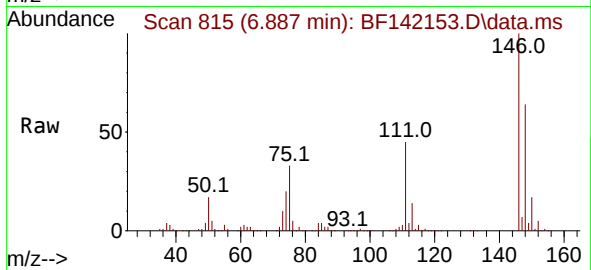




#13
1,4-Dichlorobenzene
Concen: 51.491 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

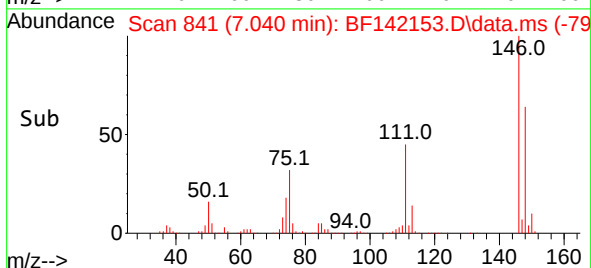
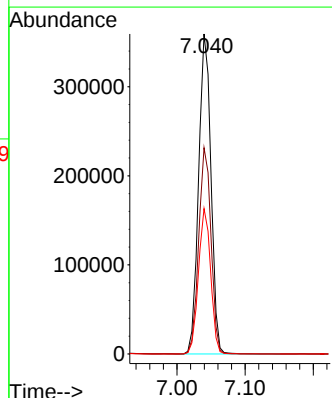
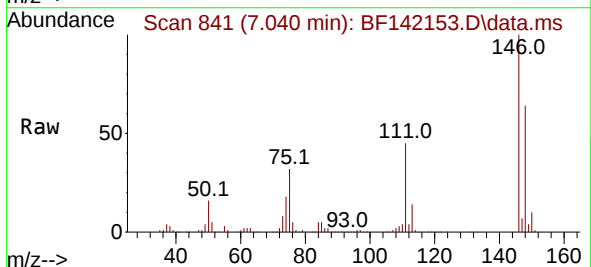
Instrument :
BNA_F
ClientSampleId :
PB167359BS

Tgt Ion:146 Resp: 475471
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 44.5 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 52.039 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion:146 Resp: 452616
Ion Ratio Lower Upper
146 100
148 64.5 50.8 76.2
111 45.5 38.0 57.0





#15

Benzyl Alcohol

Concen: 49.294 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF142153.D

Acq: 28 Mar 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB167359BS

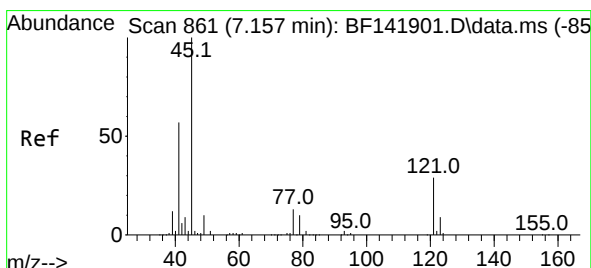
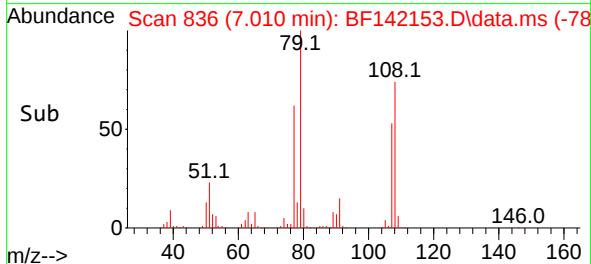
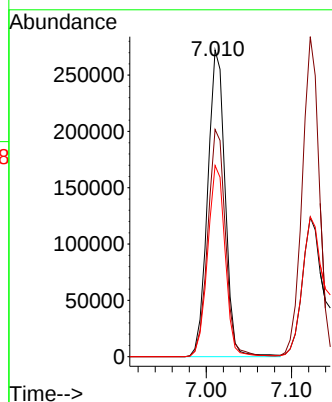
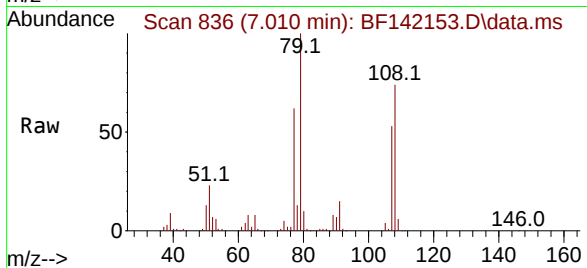
Tgt Ion: 79 Resp: 386749

Ion Ratio Lower Upper

79 100

108 74.1 59.7 89.5

77 62.3 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.475 ng

RT: 7.145 min Scan# 859

Delta R.T. -0.012 min

Lab File: BF142153.D

Acq: 28 Mar 2025 11:33

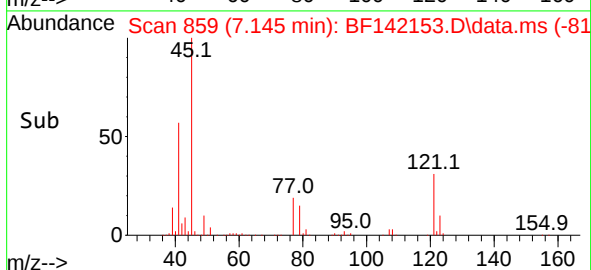
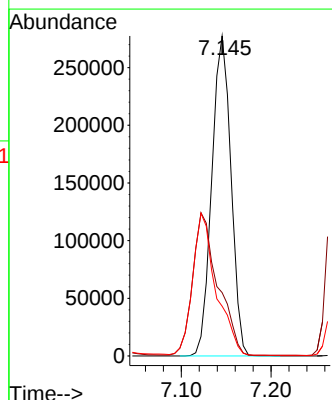
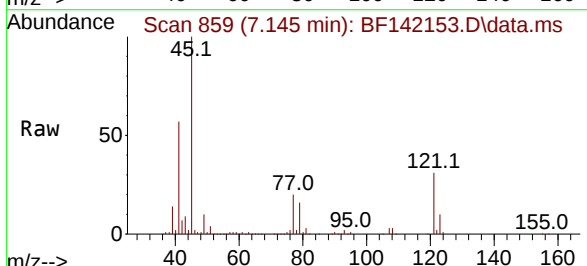
Tgt Ion: 45 Resp: 411626

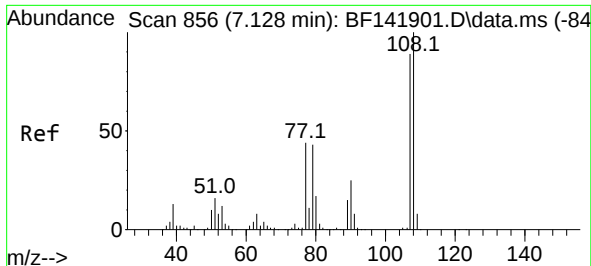
Ion Ratio Lower Upper

45 100

77 19.8 0.0 37.8

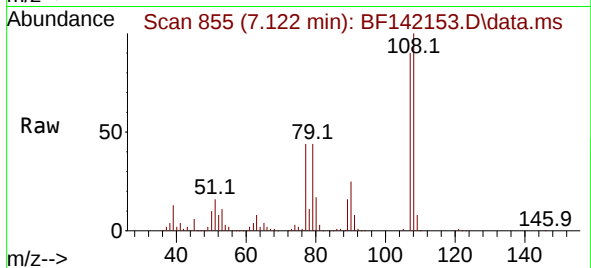
79 15.6 0.0 34.2



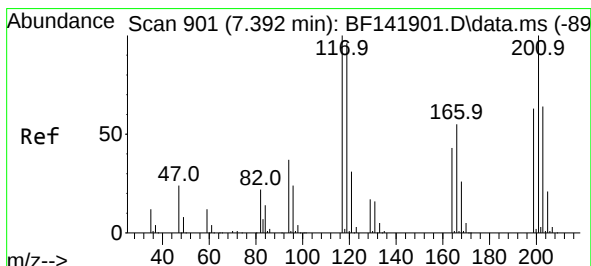
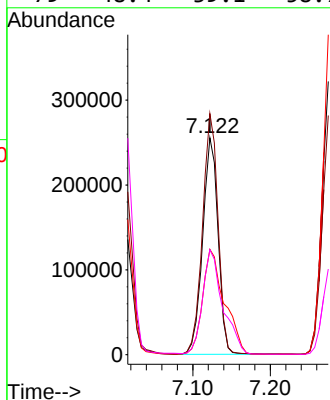
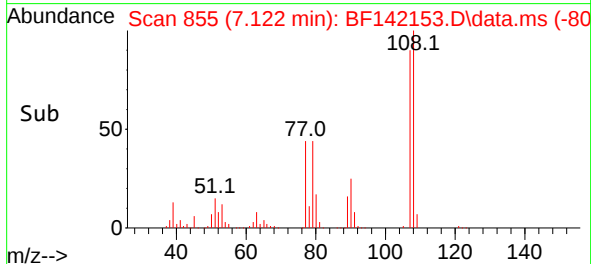


#17
2-Methylphenol
Concen: 52.566 ng
RT: 7.122 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

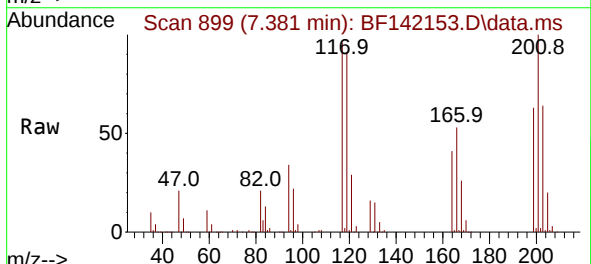
Instrument :
BNA_F
ClientSampleId :
PB167359BS



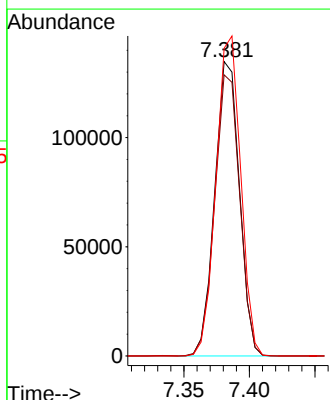
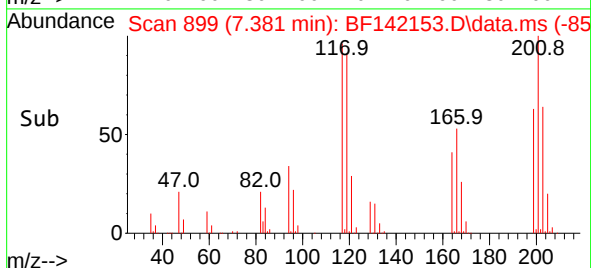
Tgt Ion:	107	Resp:	353317
Ion	Ratio	Lower	Upper
107	100		
108	111.1	90.2	135.2
77	48.5	39.6	59.4
79	48.4	39.1	58.7



#18
Hexachloroethane
Concen: 51.033 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33



Tgt Ion:	117	Resp:	176714
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.9	115.3
201	104.5	79.9	119.9

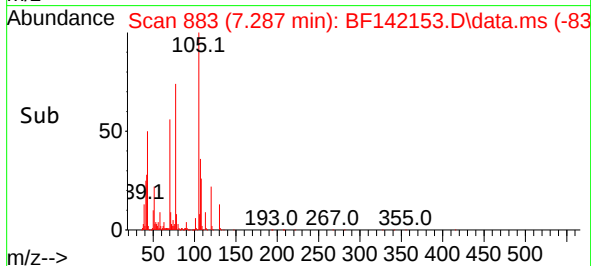
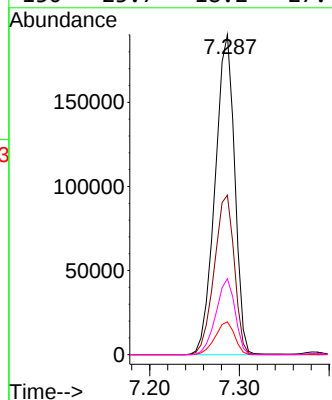
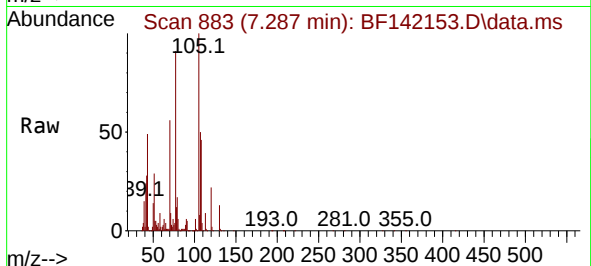




#19
n-Nitroso-di-n-propylamine
Concen: 46.312 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

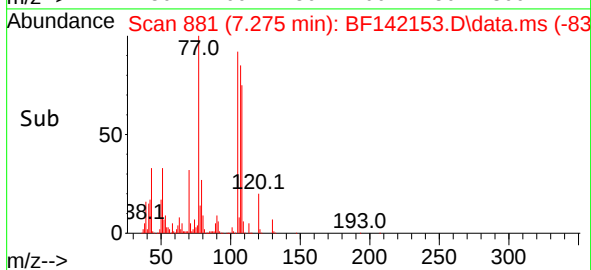
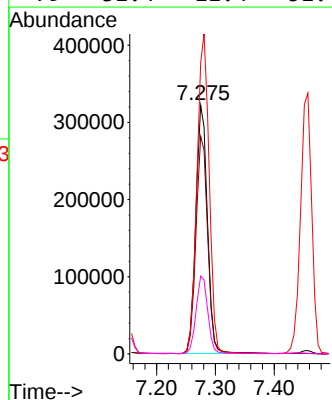
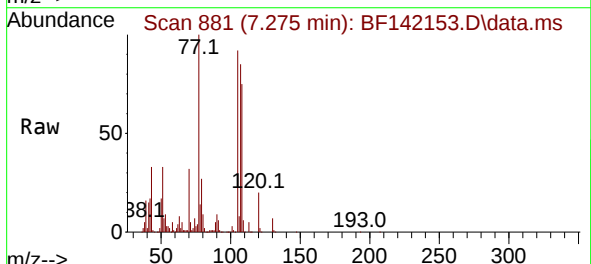
Instrument :
BNA_F
ClientSampleId :
PB167359BS

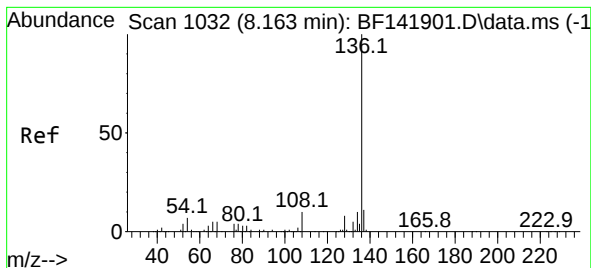
Tgt Ion: 70 Resp: 288797
Ion Ratio Lower Upper
70 100
42 49.9 41.4 62.0
101 10.3 8.2 12.2
130 23.7 18.2 27.4



#20
3+4-Methylphenols
Concen: 51.307 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion:107 Resp: 441720
Ion Ratio Lower Upper
107 100
108 87.5 68.4 108.4
77 117.1 69.7 109.7#
79 31.4 11.4 51.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF142153.D

Acq: 28 Mar 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB167359BS

Tgt Ion:136 Resp: 509295

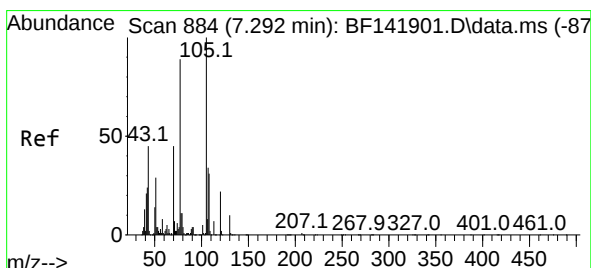
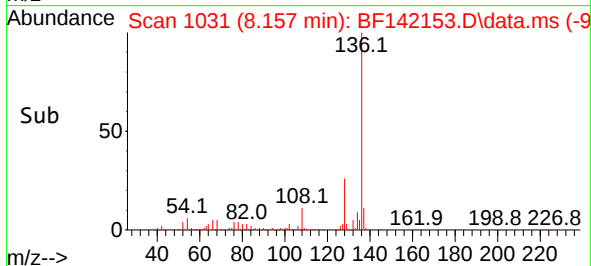
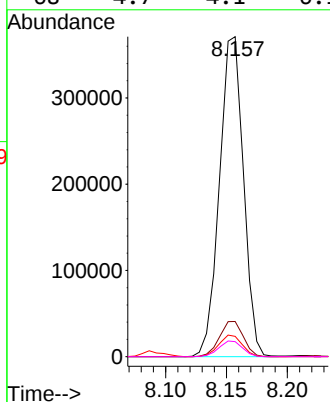
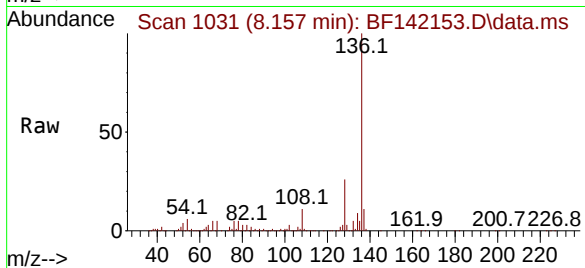
Ion Ratio Lower Upper

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: 48.463 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.012 min

Lab File: BF142153.D

Acq: 28 Mar 2025 11:33

Tgt Ion:105 Resp: 591079

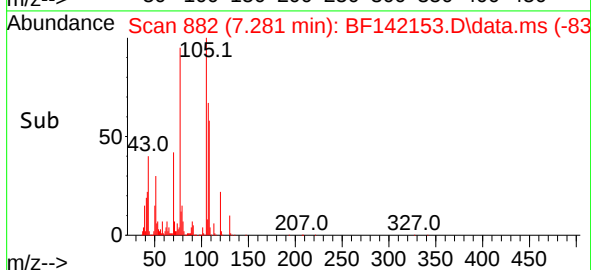
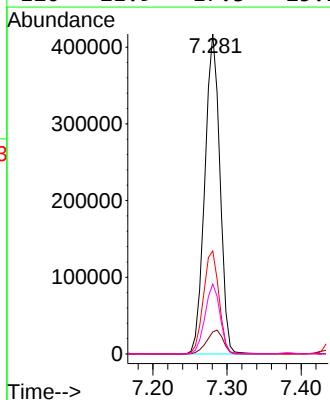
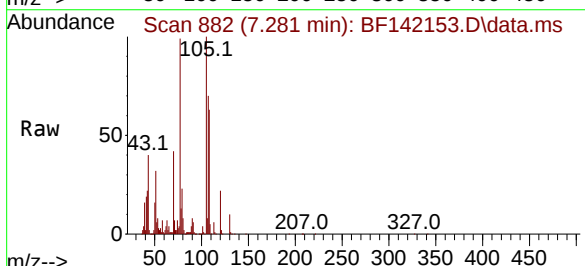
Ion Ratio Lower Upper

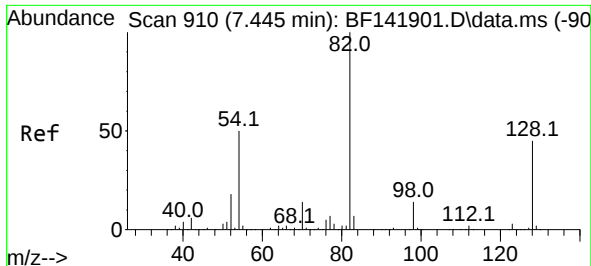
105 100

71 6.9 5.8 8.8

51 32.2 23.4 35.0

120 21.9 17.3 25.9

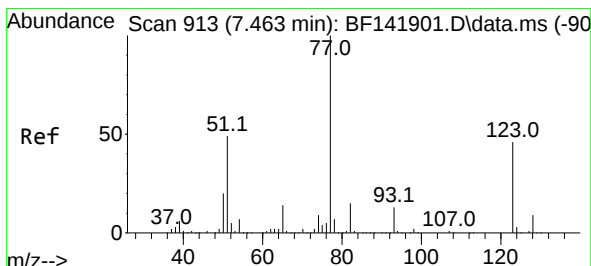
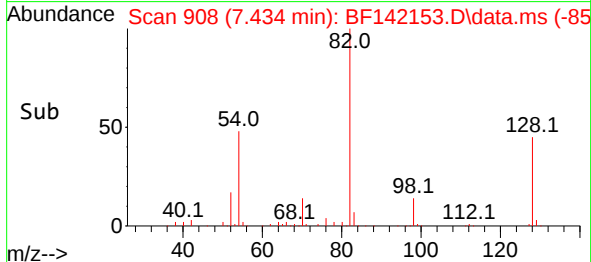
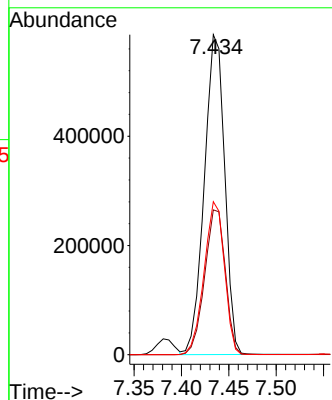
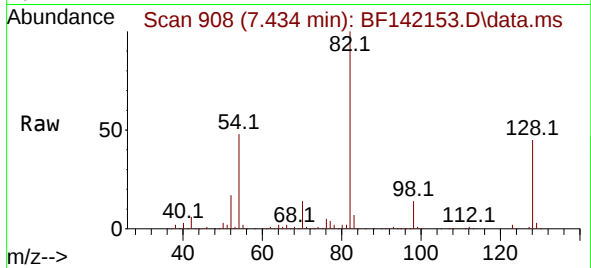




#23
 Nitrobenzene-d5
 Concen: 96.709 ng
 RT: 7.434 min Scan# 90
 Delta R.T. -0.012 min
 Lab File: BF142153.D
 Acq: 28 Mar 2025 11:33

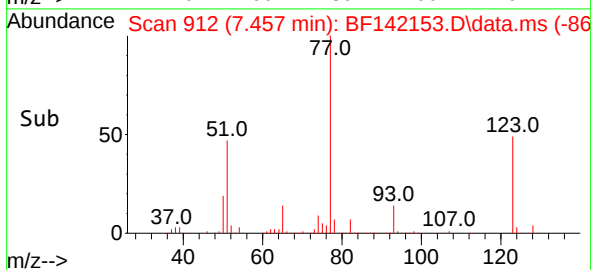
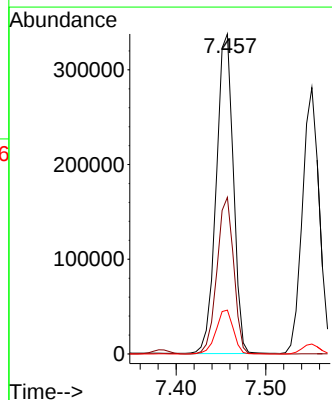
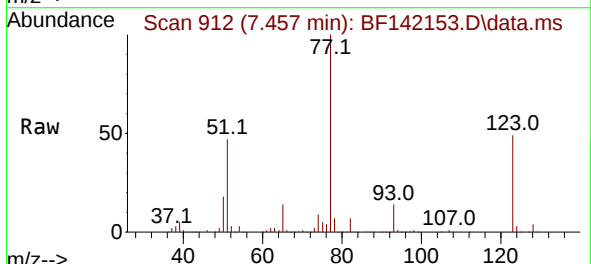
Instrument :
 BNA_F
 ClientSampleId :
 PB167359BS

Tgt Ion: 82 Resp: 875209
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.0 54.0
 54 47.8 39.6 59.4



#24
 Nitrobenzene
 Concen: 49.578 ng
 RT: 7.457 min Scan# 912
 Delta R.T. -0.006 min
 Lab File: BF142153.D
 Acq: 28 Mar 2025 11:33

Tgt Ion: 77 Resp: 446038
 Ion Ratio Lower Upper
 77 100
 123 49.0 37.0 55.4
 65 13.7 11.3 16.9

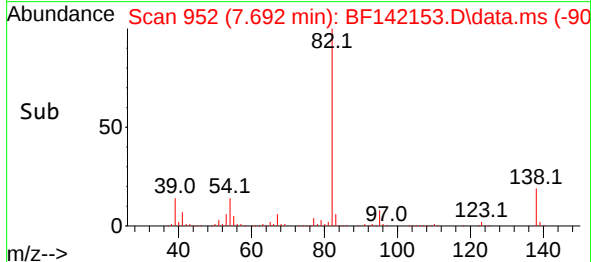
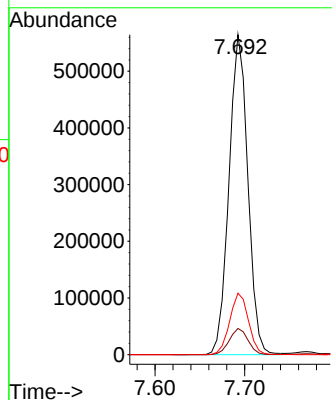
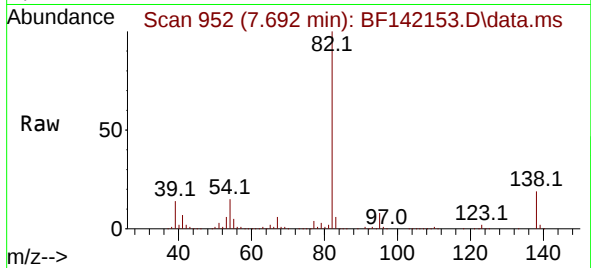




#25
Isophorone
Concen: 51.450 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

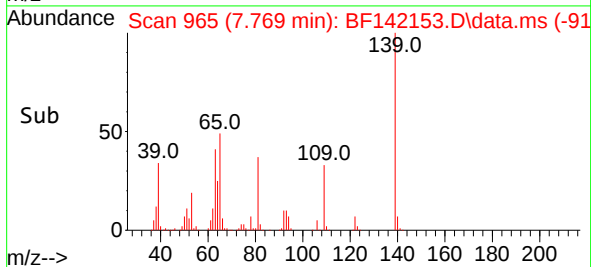
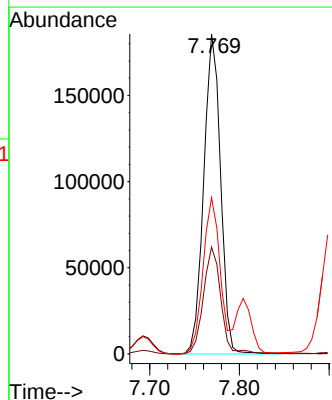
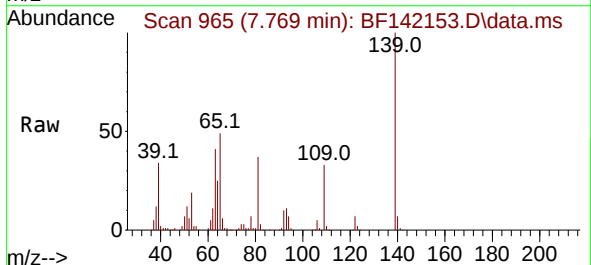
Instrument :
BNA_F
ClientSampleId :
PB167359BS

Tgt Ion: 82 Resp: 823058
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 19.2 14.9 22.3



#26
2-Nitrophenol
Concen: 54.890 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion:139 Resp: 242372
Ion Ratio Lower Upper
139 100
109 33.4 26.5 39.7
65 48.8 40.3 60.5

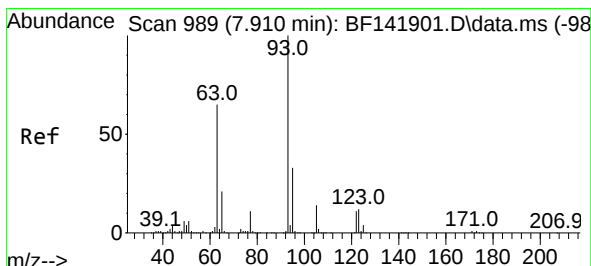
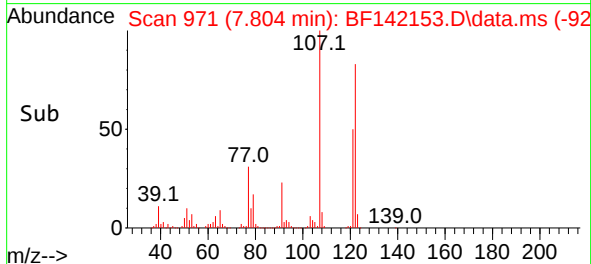
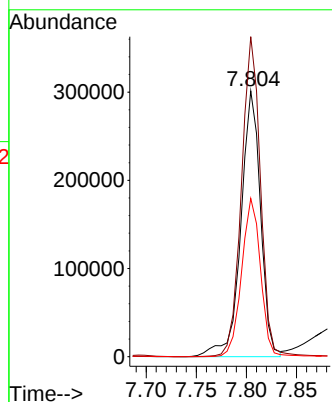
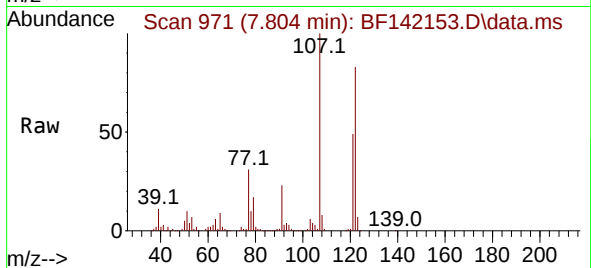




#27
2,4-Dimethylphenol
Concen: 67.741 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

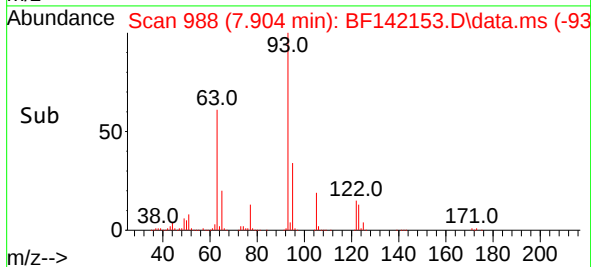
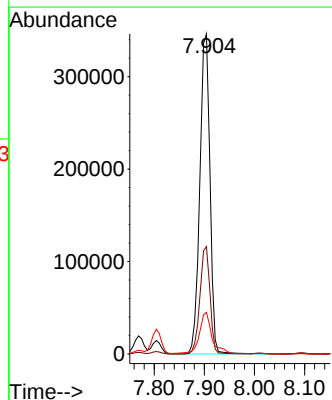
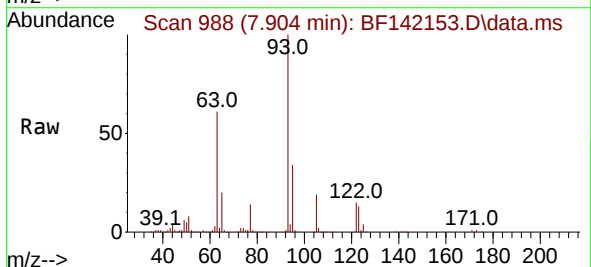
Instrument :
BNA_F
ClientSampleId :
PB167359BS

Tgt Ion:122 Resp: 411875
Ion Ratio Lower Upper
122 100
107 120.4 94.8 142.2
121 59.6 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 48.342 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion: 93 Resp: 485049
Ion Ratio Lower Upper
93 100
95 33.6 26.6 40.0
123 13.0 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 52.147 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142153.D

Acq: 28 Mar 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB167359BS

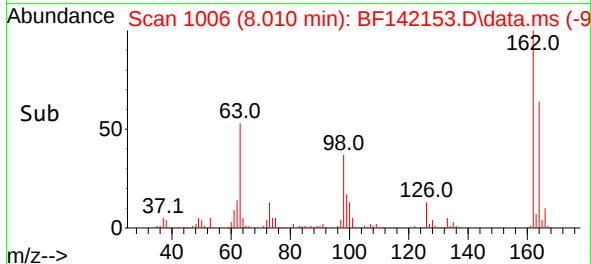
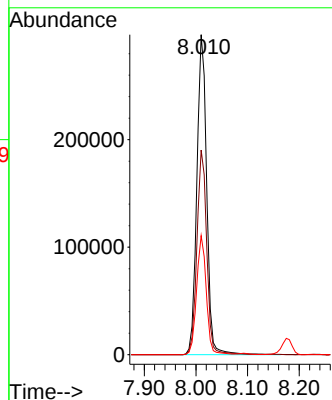
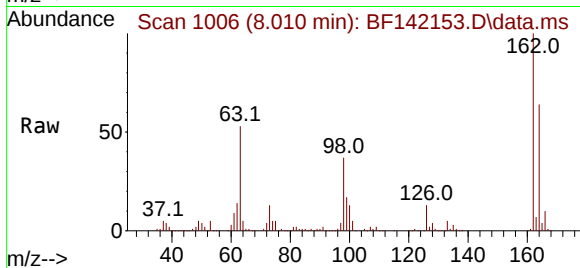
Tgt Ion:162 Resp: 393546

Ion Ratio Lower Upper

162 100

164 63.9 43.8 83.8

98 37.2 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 51.058 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BF142153.D

Acq: 28 Mar 2025 11:33

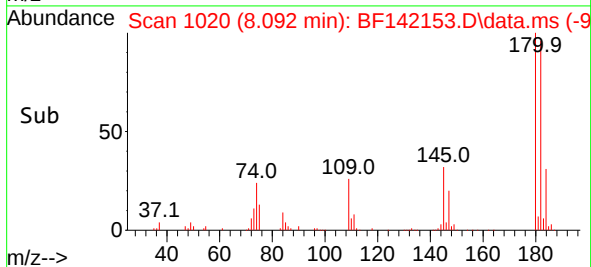
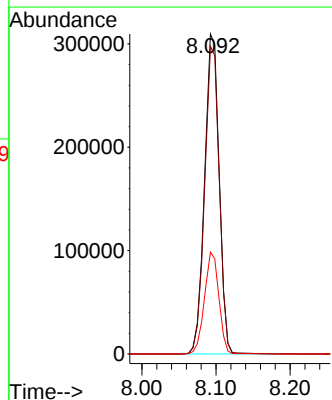
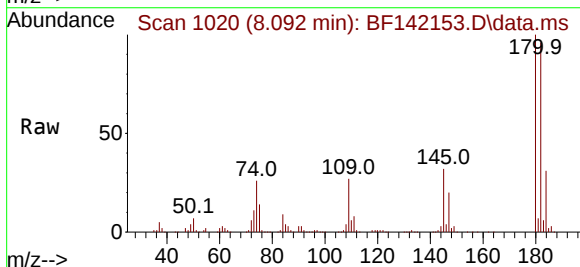
Tgt Ion:180 Resp: 424641

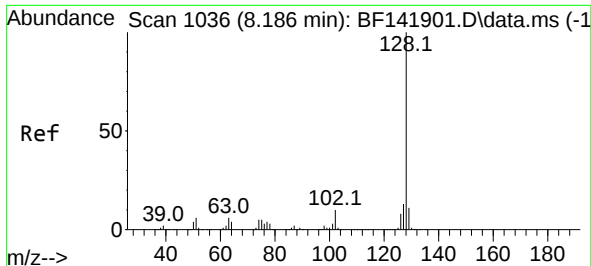
Ion Ratio Lower Upper

180 100

182 96.1 77.5 116.3

145 31.8 25.8 38.6

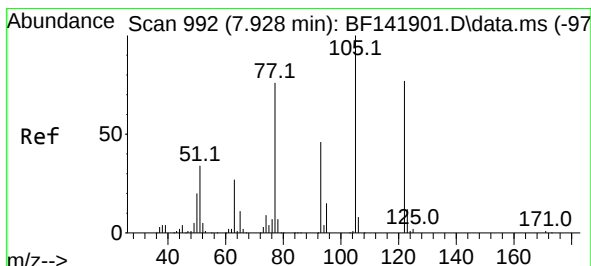
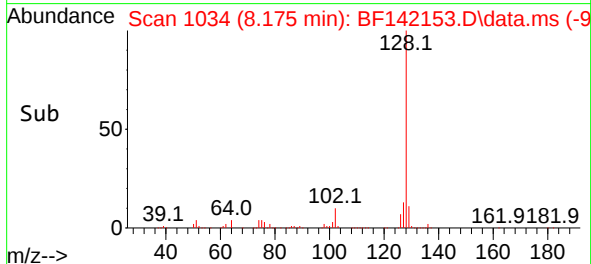
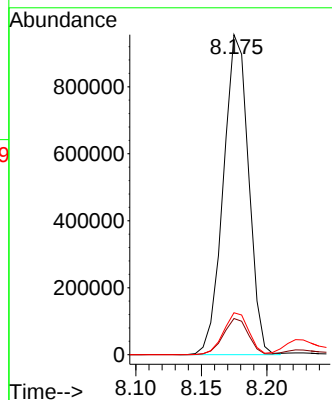
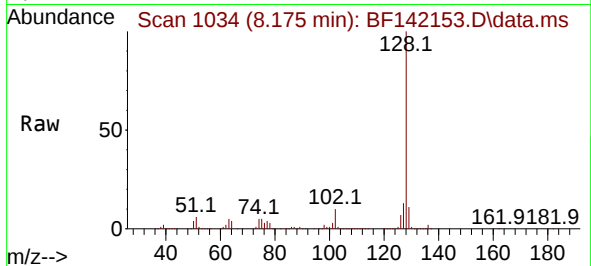




#31
Naphthalene
Concen: 48.871 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

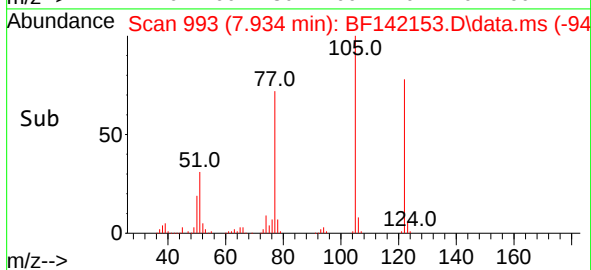
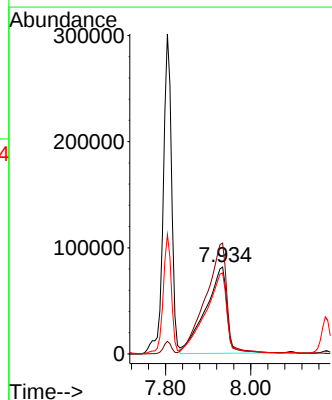
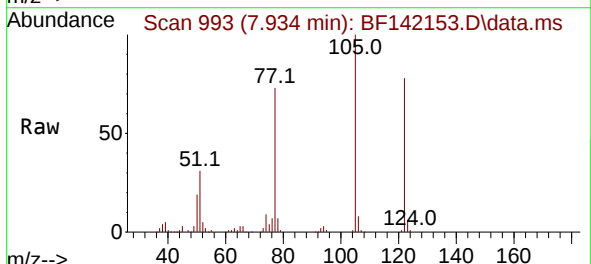
Instrument :
BNA_F
ClientSampleId :
PB167359BS

Tgt Ion:128 Resp: 1278545
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 53.678 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion:122 Resp: 286887
Ion Ratio Lower Upper
122 100
105 127.6 107.9 147.9
77 93.3 79.0 119.0

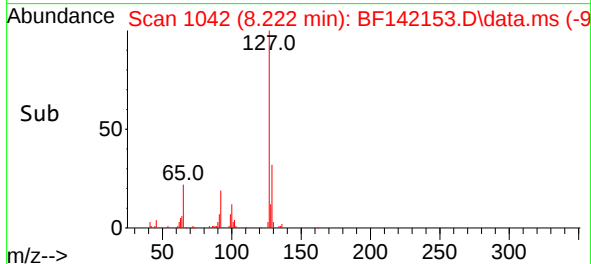
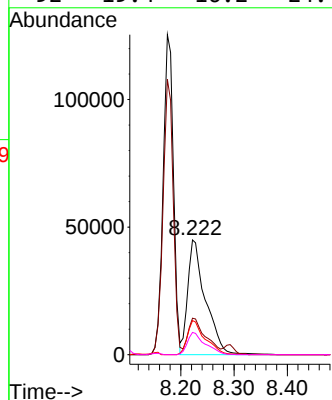
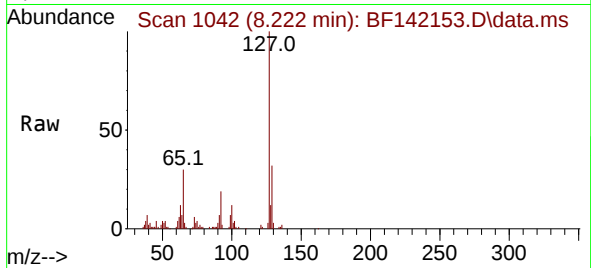




#33
4-Chloroaniline
Concen: 11.318 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

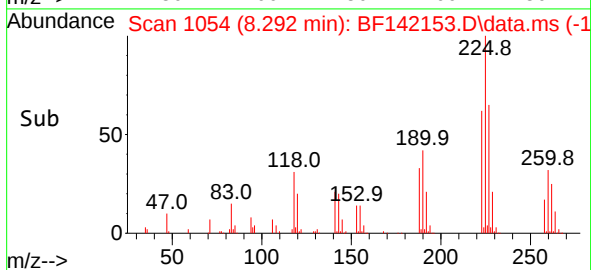
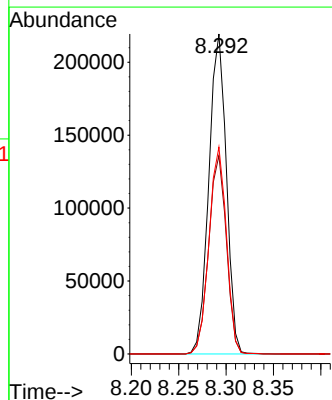
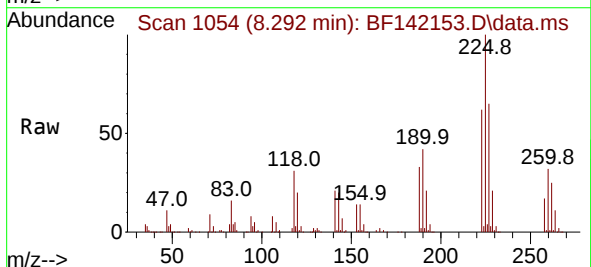
Instrument :
BNA_F
ClientSampleId :
PB167359BS

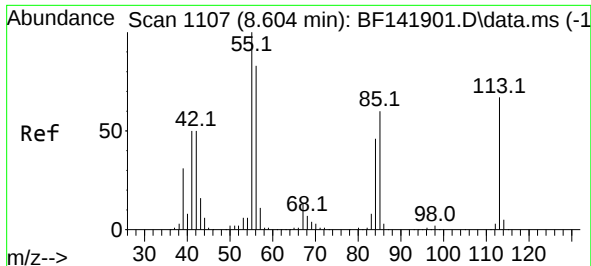
Tgt	Ion:127	Resp:	104527
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.4
65	29.7	25.4	38.2
92	19.4	16.2	24.4



#34
Hexachlorobutadiene
Concen: 51.863 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt	Ion:225	Resp:	281295
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	75.8
227	64.7	52.2	78.2

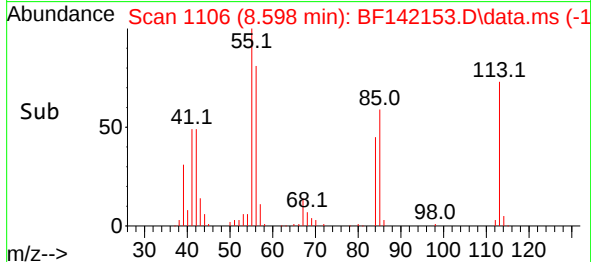
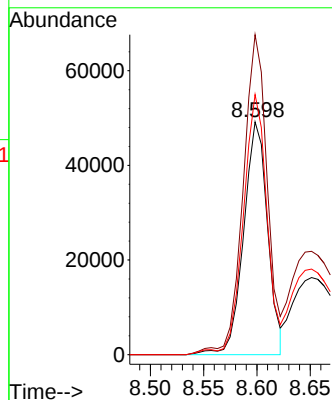
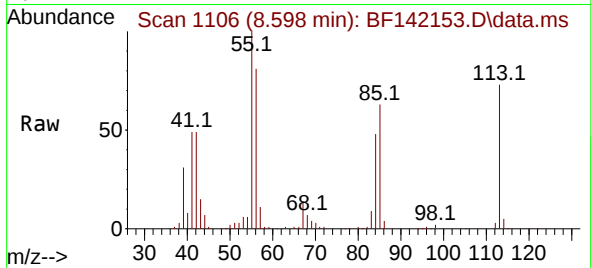




#35
 Caprolactam
 Concen: 33.348 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF142153.D
 Acq: 28 Mar 2025 11:33

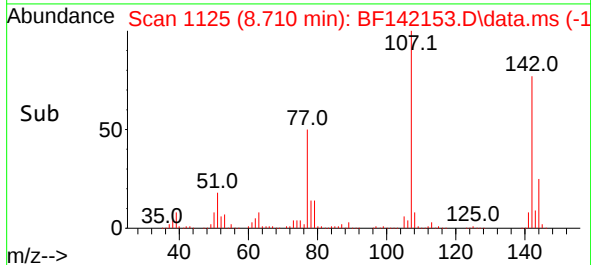
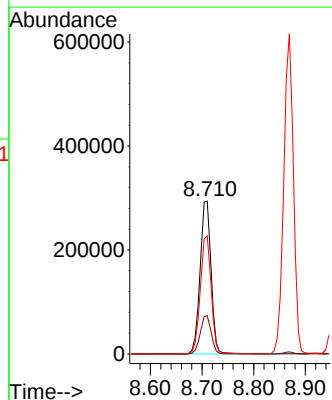
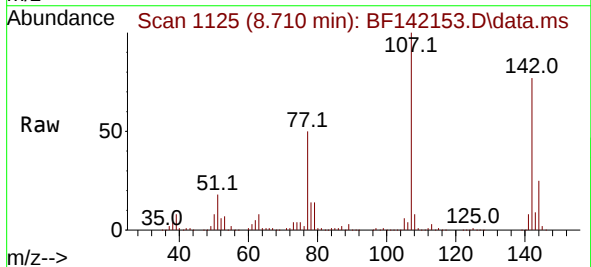
Instrument :
 BNA_F
 ClientSampleId :
 PB167359BS

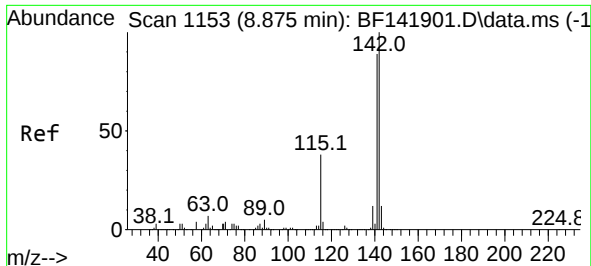
Tgt Ion:113 Resp: 76730
 Ion Ratio Lower Upper
 113 100
 55 137.4 129.6 169.6
 56 111.7 104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 51.762 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF142153.D
 Acq: 28 Mar 2025 11:33

Tgt Ion:107 Resp: 435758
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.0 28.6
 142 77.2 59.2 88.8





#37

2-Methylnaphthalene

Concen: 45.754 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142153.D

Acq: 28 Mar 2025 11:33

Instrument :

BNA_F

ClientSampleId :

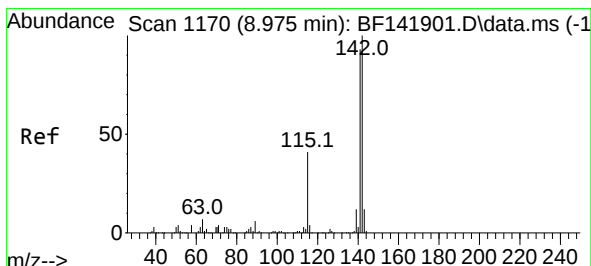
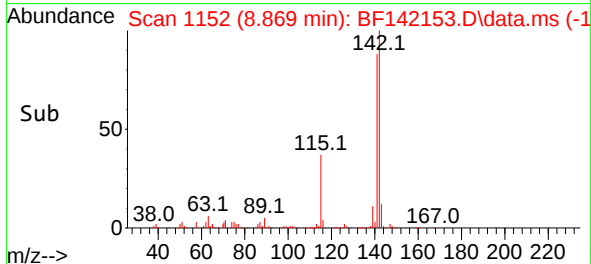
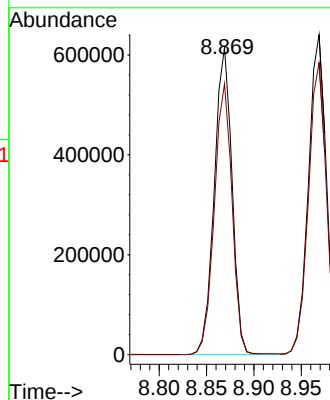
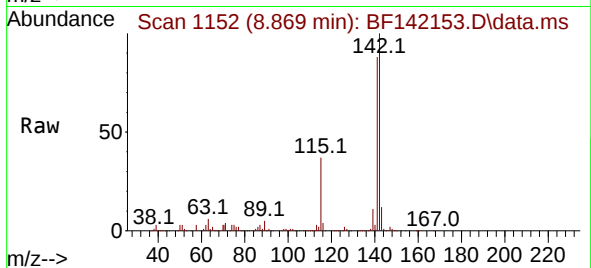
PB167359BS

Tgt Ion:142 Resp: 800090

Ion Ratio Lower Upper

142 100

141 88.1 71.2 106.8



#38

1-Methylnaphthalene

Concen: 49.408 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142153.D

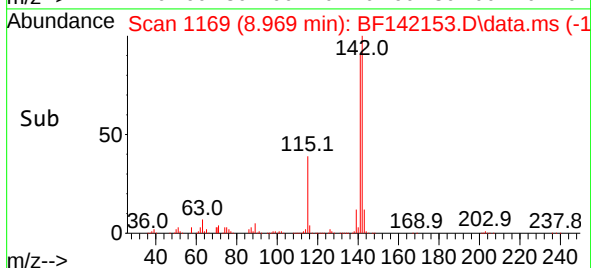
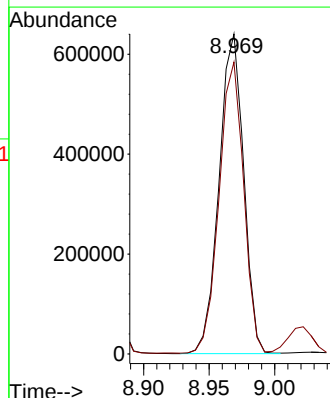
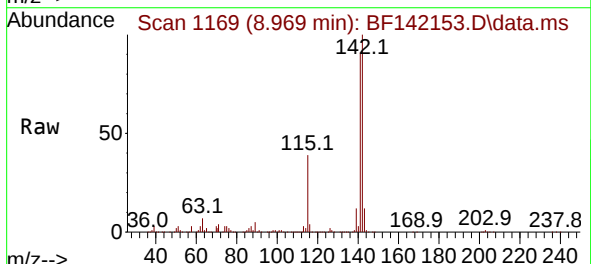
Acq: 28 Mar 2025 11:33

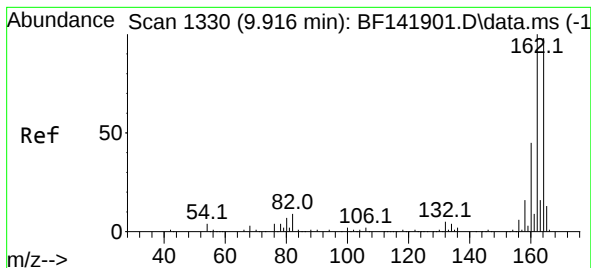
Tgt Ion:142 Resp: 833728

Ion Ratio Lower Upper

142 100

141 91.2 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: BF142153.D

Acq: 28 Mar 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB167359BS

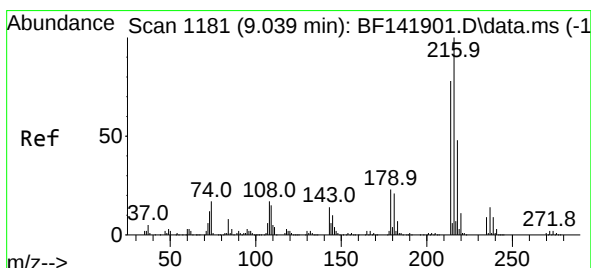
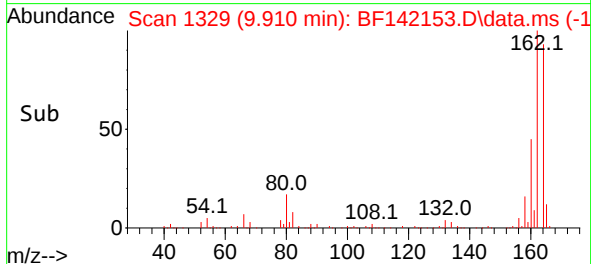
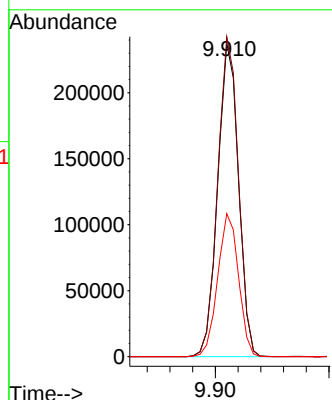
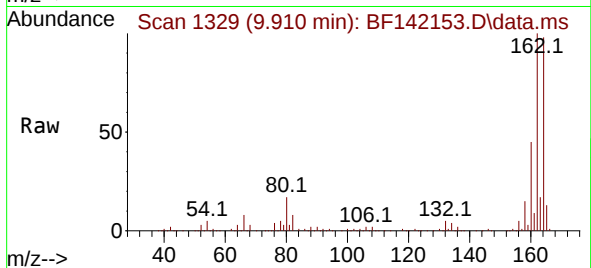
Tgt Ion:164 Resp: 301932

Ion Ratio Lower Upper

164 100

162 102.1 81.8 122.6

160 45.6 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.488 ng

RT: 9.034 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF142153.D

Acq: 28 Mar 2025 11:33

Tgt Ion:216 Resp: 464116

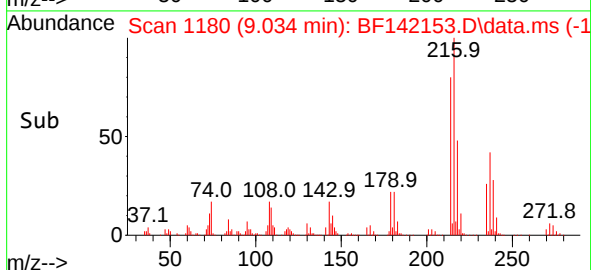
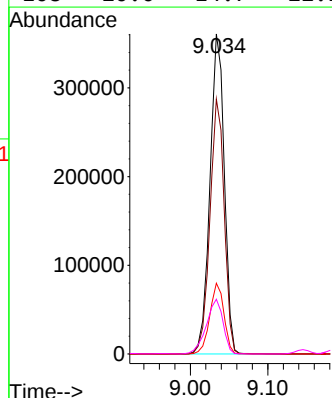
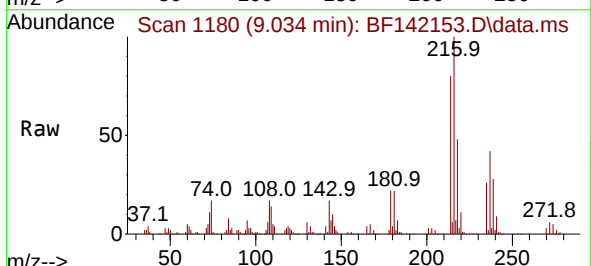
Ion Ratio Lower Upper

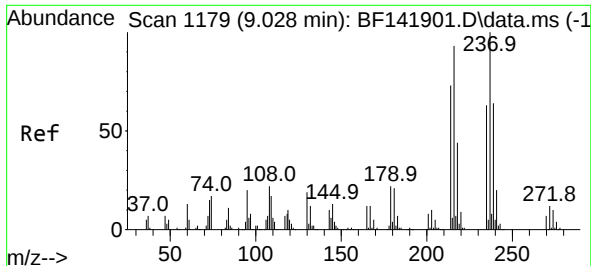
216 100

214 79.3 61.9 92.9

179 21.8 18.1 27.1

108 20.0 14.7 22.1

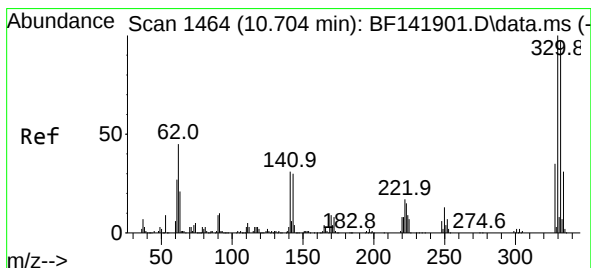
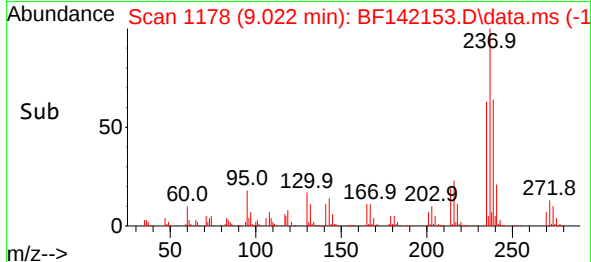
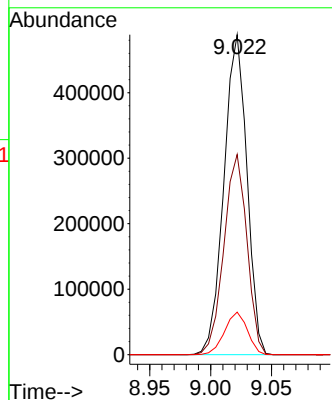
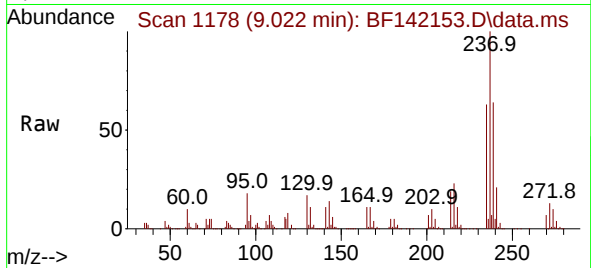




#41
Hexachlorocyclopentadiene
Concen: 178.437 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

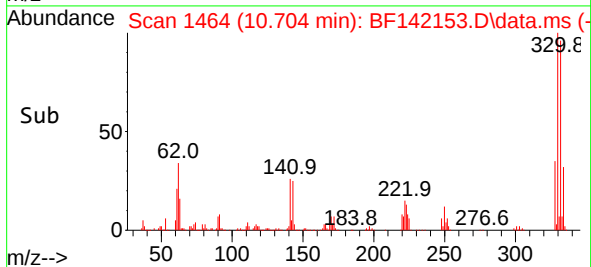
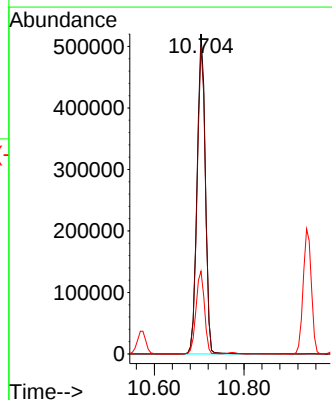
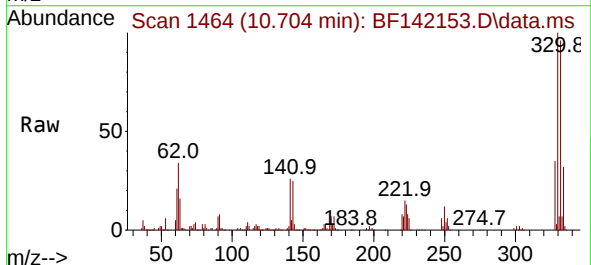
Instrument :
BNA_F
ClientSampleId :
PB167359BS

Tgt Ion:237 Resp: 641948
Ion Ratio Lower Upper
237 100
235 62.5 43.1 83.1
272 13.3 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 173.381 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion:330 Resp: 664119
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 26.6 24.7 37.1

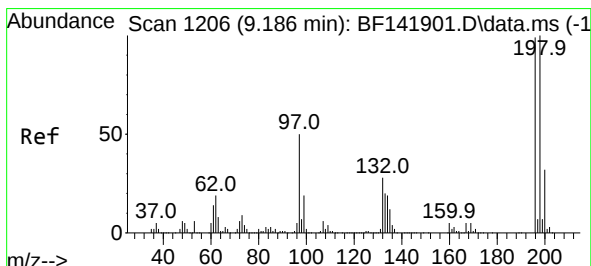
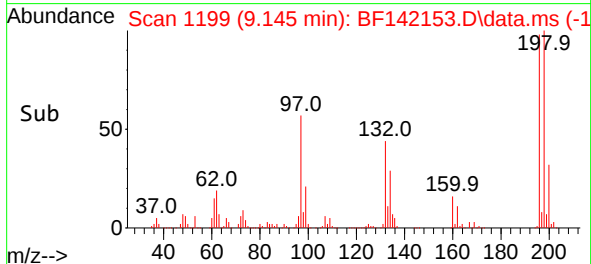
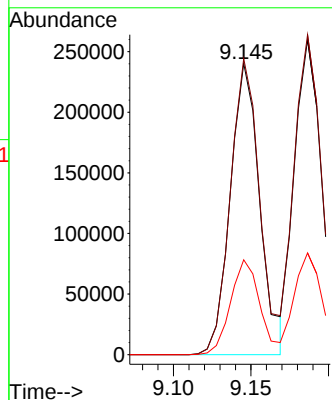
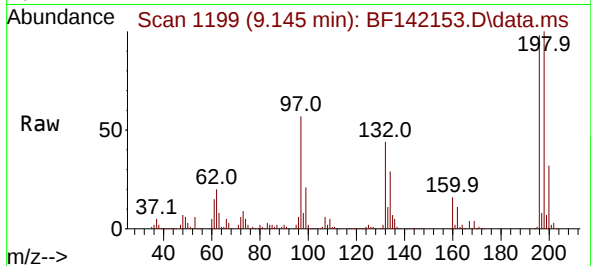




#43
2,4,6-Trichlorophenol
Concen: 52.847 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

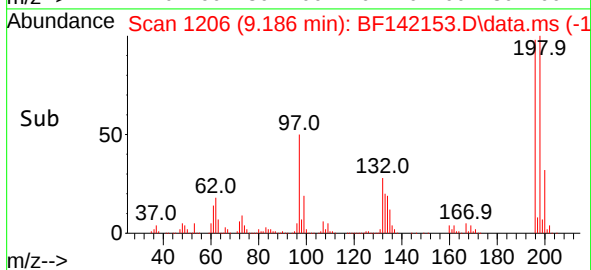
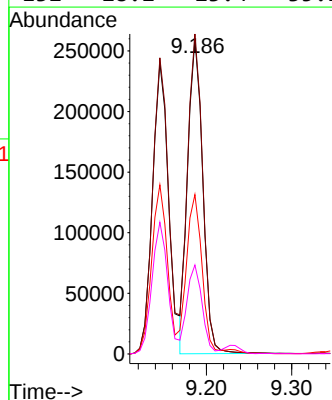
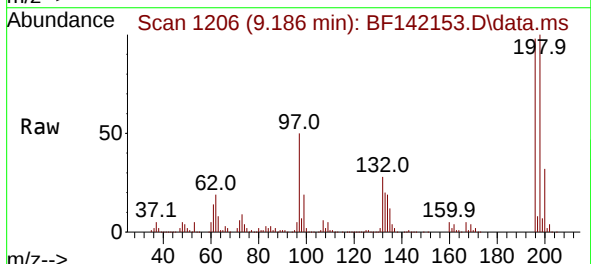
Instrument :
BNA_F
ClientSampleId :
PB167359BS

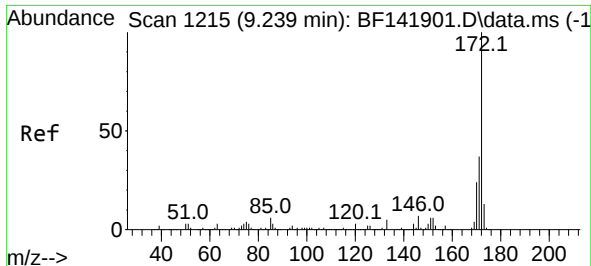
Tgt Ion:196 Resp: 317491
Ion Ratio Lower Upper
196 100
198 101.7 80.6 121.0
200 32.6 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 52.605 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion:196 Resp: 320082
Ion Ratio Lower Upper
196 100
198 101.6 80.7 121.1
97 50.6 42.1 63.1
132 28.2 23.4 35.2

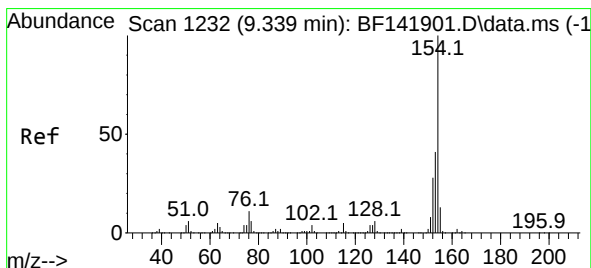
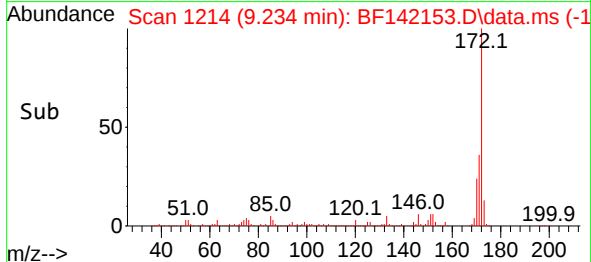
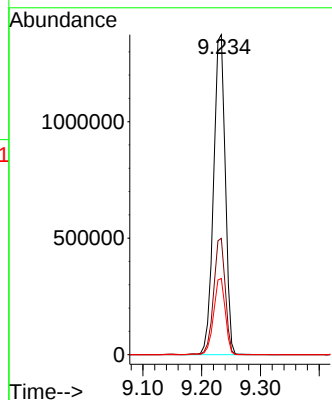
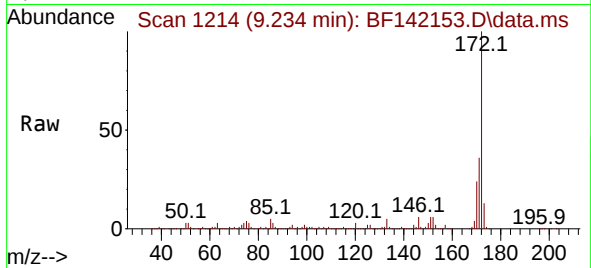




#45
2-Fluorobiphenyl
Concen: 95.756 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

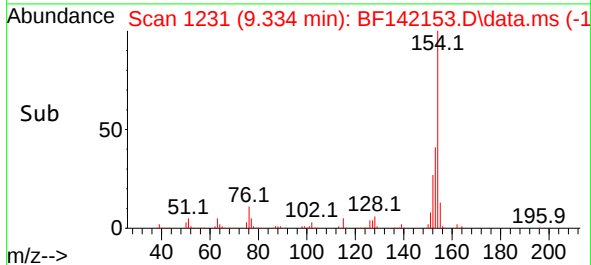
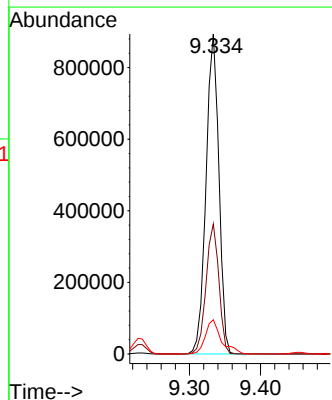
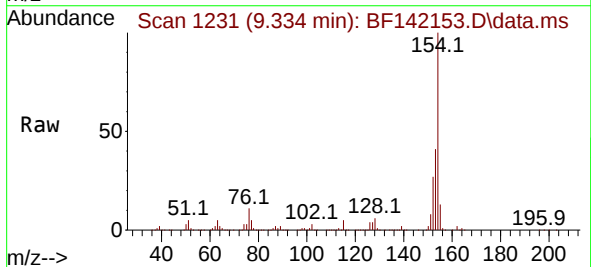
Instrument :
BNA_F
ClientSampleId :
PB167359BS

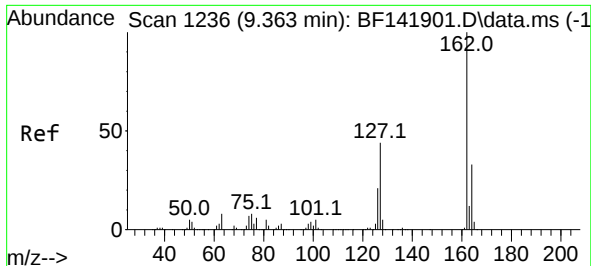
Tgt Ion:172 Resp: 1901071
Ion Ratio Lower Upper
172 100
171 36.4 29.3 43.9
170 23.8 19.4 29.0



#46
1,1'-Biphenyl
Concen: 49.174 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion:154 Resp: 1128118
Ion Ratio Lower Upper
154 100
153 40.7 21.1 61.1
76 10.7 0.0 31.3





#47

2-Chloronaphthalene

Concen: 50.520 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142153.D

Acq: 28 Mar 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB167359BS

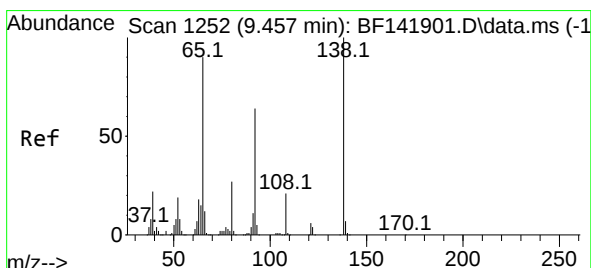
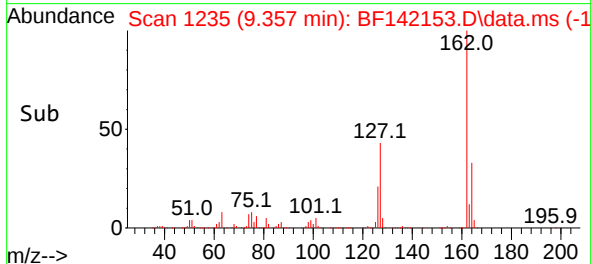
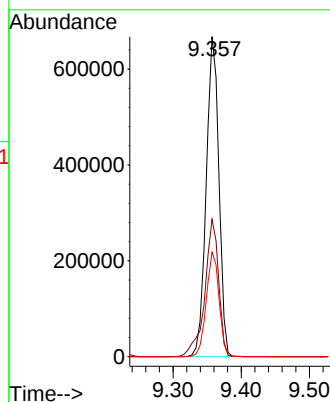
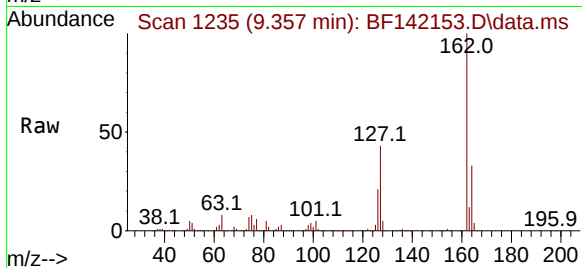
Tgt Ion:162 Resp: 863850

Ion Ratio Lower Upper

162 100

127 42.9 35.5 53.3

164 32.7 26.6 40.0



#48

2-Nitroaniline

Concen: 50.922 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF142153.D

Acq: 28 Mar 2025 11:33

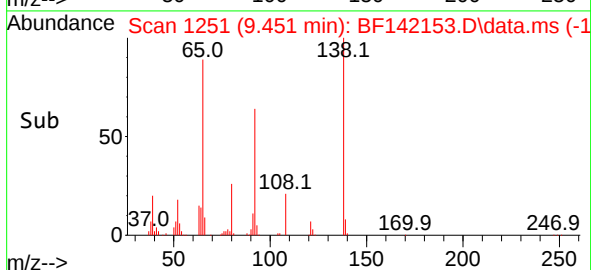
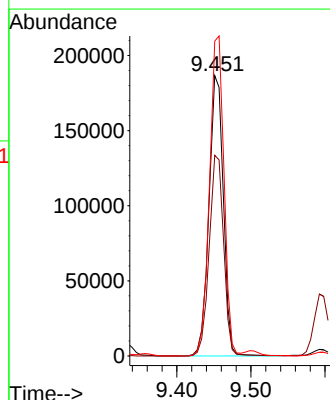
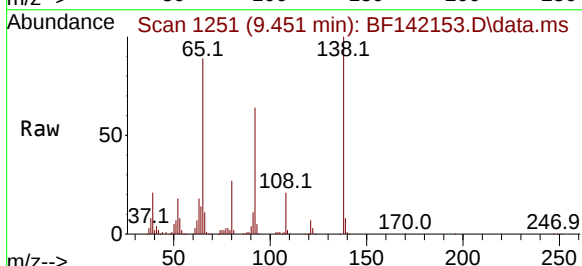
Tgt Ion: 65 Resp: 252113

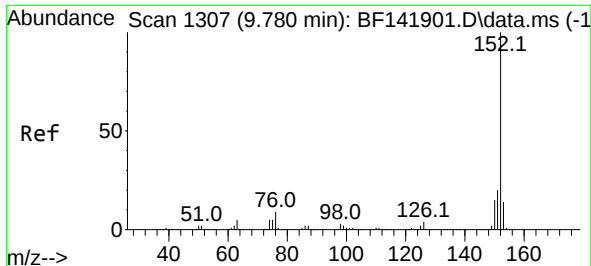
Ion Ratio Lower Upper

65 100

92 71.6 56.6 84.8

138 112.3 88.6 133.0

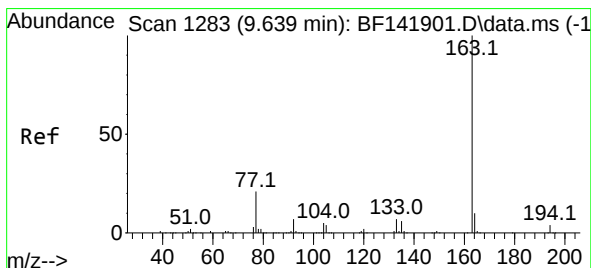
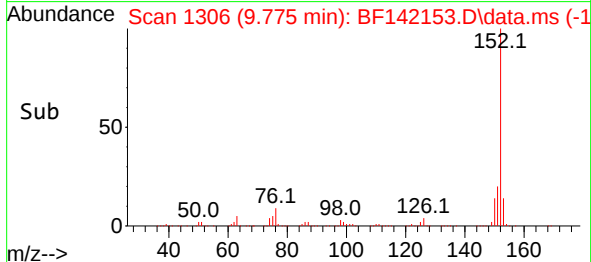
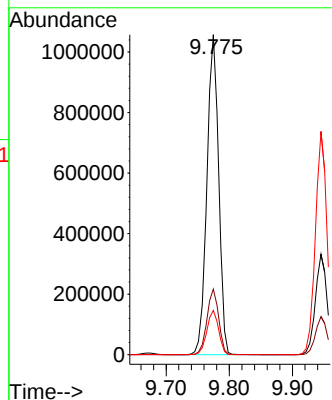
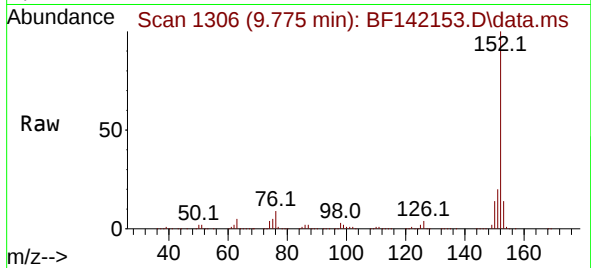




#49
Acenaphthylene
Concen: 53.780 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

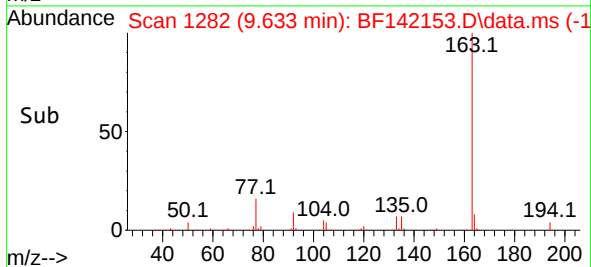
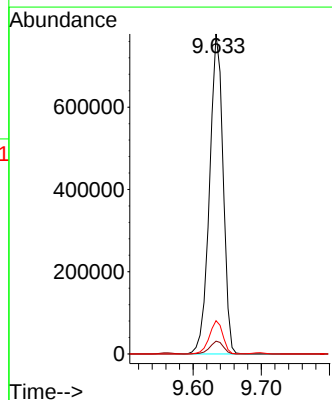
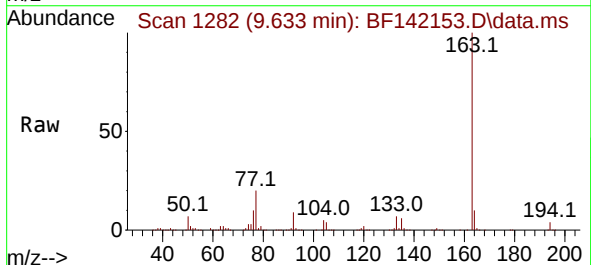
Instrument :
BNA_F
ClientSampleId :
PB167359BS

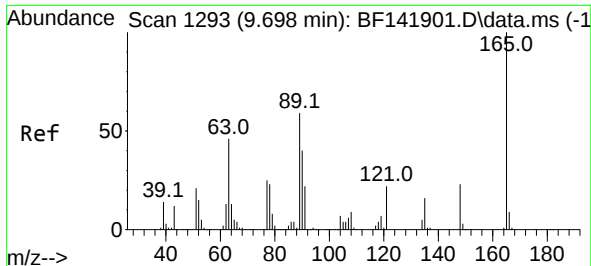
Tgt Ion:152 Resp: 1364646
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.9 11.1 16.7



#50
Dimethylphthalate
Concen: 50.958 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion:163 Resp: 1077433
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 8.2 12.4

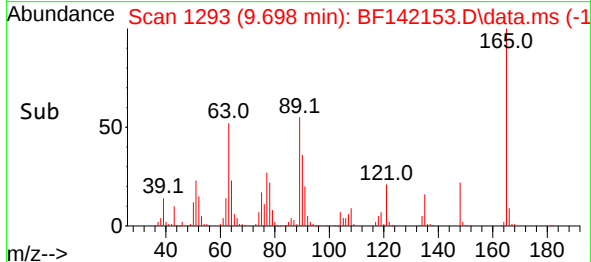
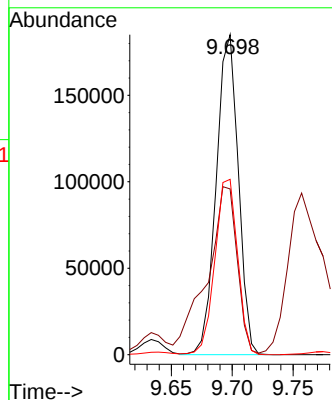
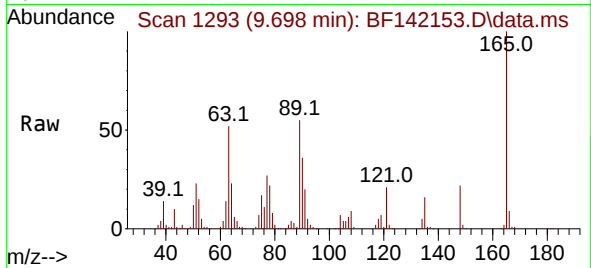




#51
2,6-Dinitrotoluene
Concen: 53.103 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

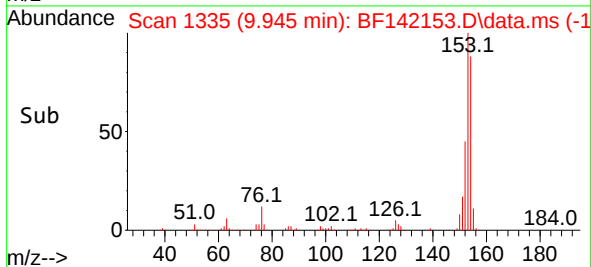
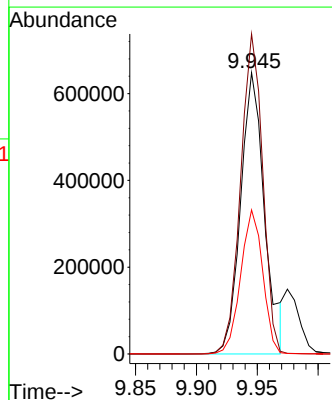
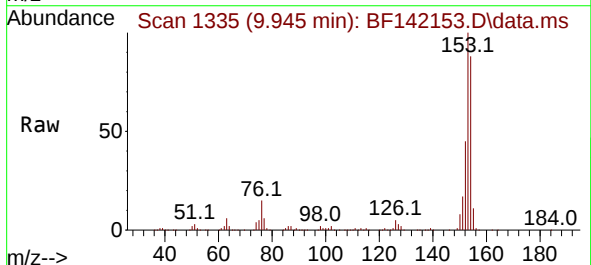
Instrument :
BNA_F
ClientSampleId :
PB167359BS

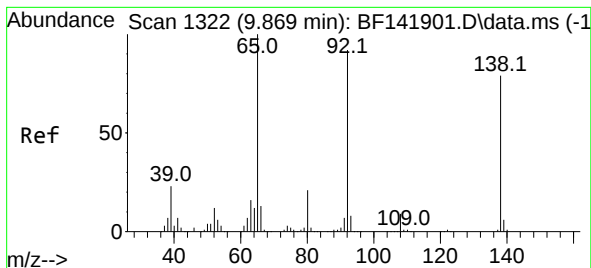
Tgt Ion:165 Resp: 233773
Ion Ratio Lower Upper
165 100
63 51.8 47.0 70.4
89 54.8 47.4 71.2



#52
Acenaphthene
Concen: 49.529 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion:154 Resp: 883206
Ion Ratio Lower Upper
154 100
153 113.8 90.7 136.1
152 51.2 41.1 61.7





#53

3-Nitroaniline

Concen: 20.755 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142153.D

Acq: 28 Mar 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB167359BS

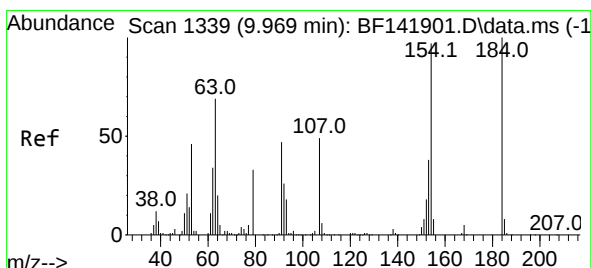
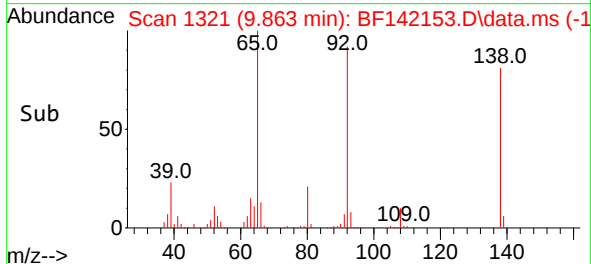
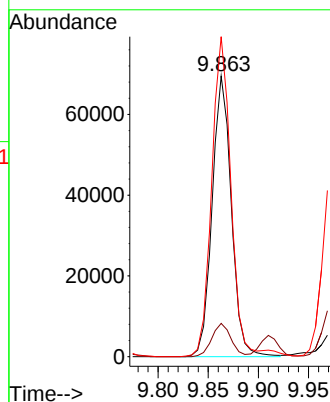
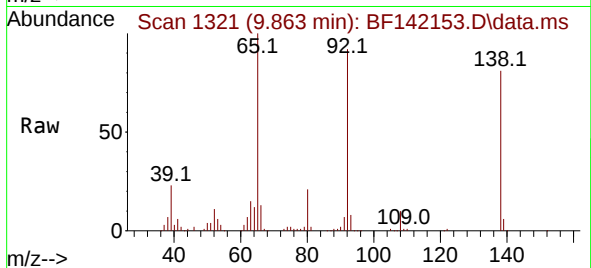
Tgt Ion:138 Resp: 92683

Ion Ratio Lower Upper

138 100

108 11.9 9.3 13.9

92 114.0 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 112.045 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF142153.D

Acq: 28 Mar 2025 11:33

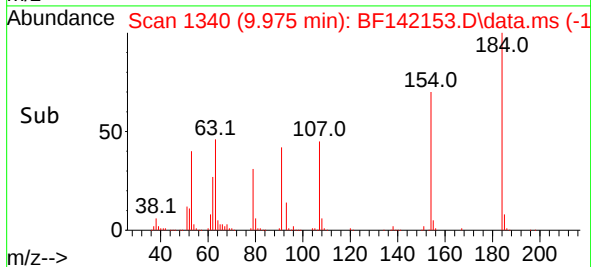
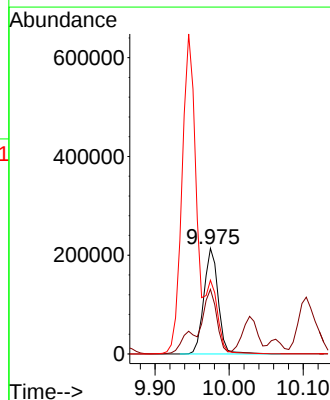
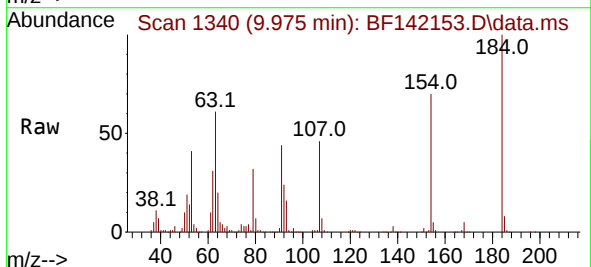
Tgt Ion:184 Resp: 287431

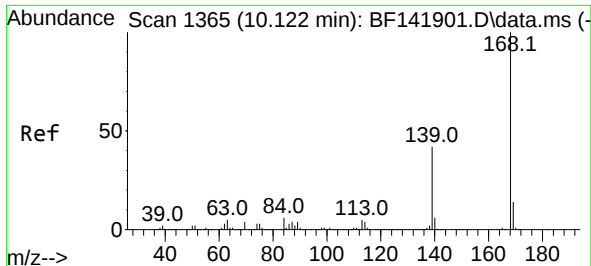
Ion Ratio Lower Upper

184 100

63 61.2 60.2 90.4

154 69.8 132.9 199.3#

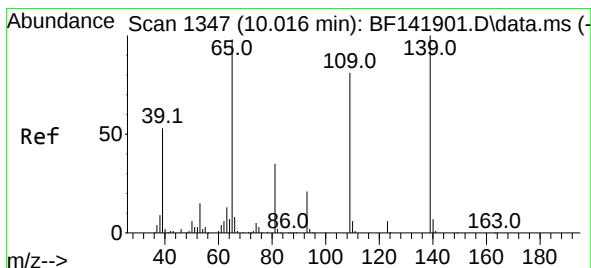
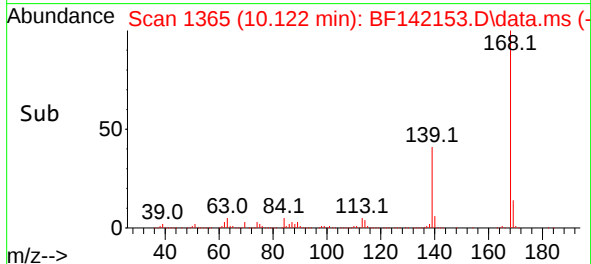
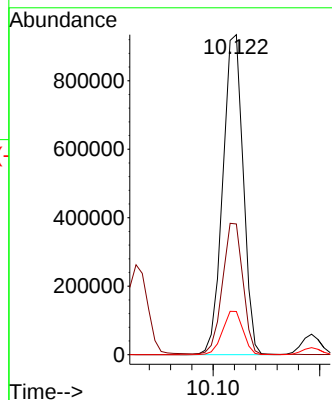
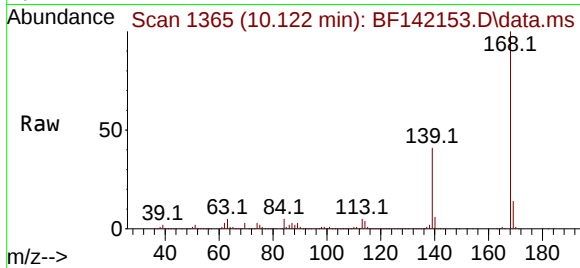




#55
Dibenzenofuran
Concen: 48.680 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

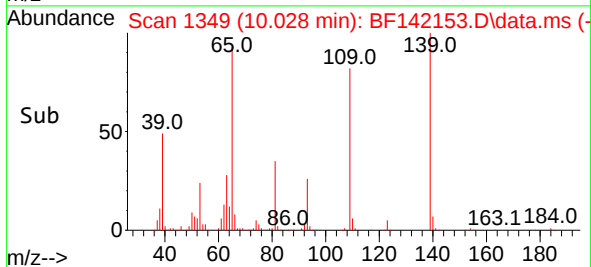
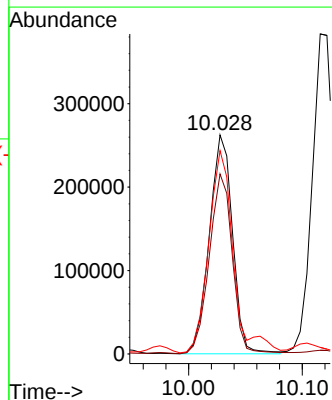
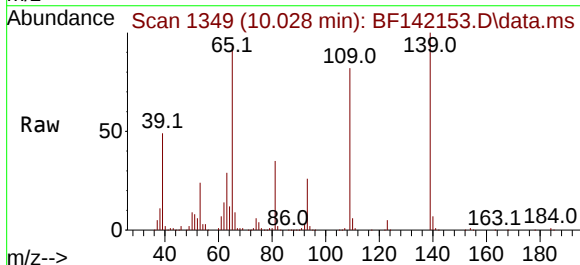
Instrument :
BNA_F
ClientSampleId :
PB167359BS

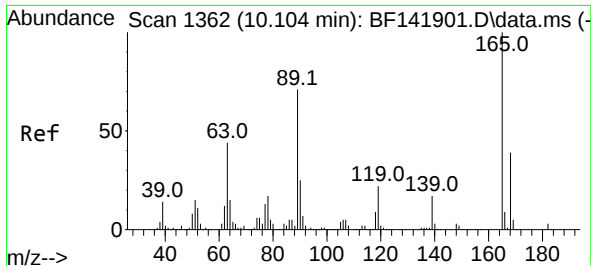
Tgt Ion:168 Resp: 1240364
Ion Ratio Lower Upper
168 100
139 40.9 33.9 50.9
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 110.678 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

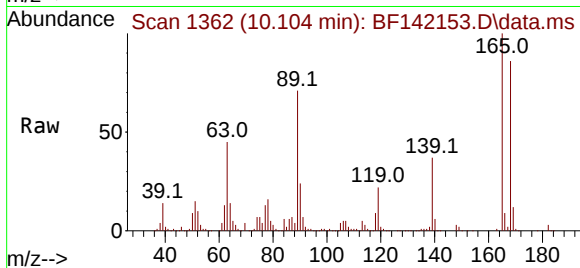
Tgt Ion:139 Resp: 372717
Ion Ratio Lower Upper
139 100
109 82.2 61.6 101.6
65 92.9 79.4 119.4



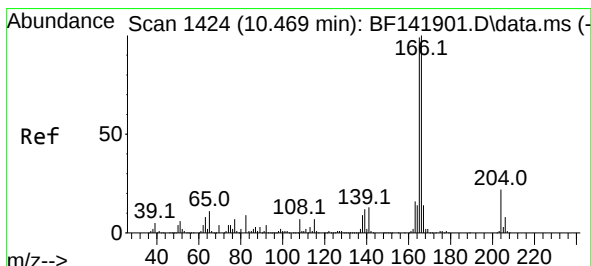
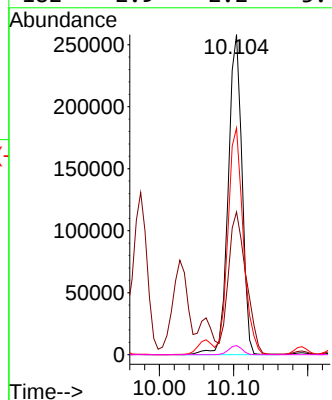
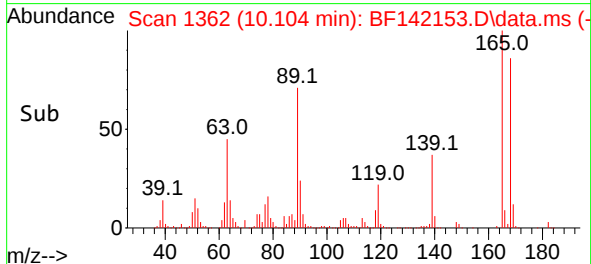


#57
2,4-Dinitrotoluene
Concen: 57.887 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Instrument :
BNA_F
ClientSampleId :
PB167359BS

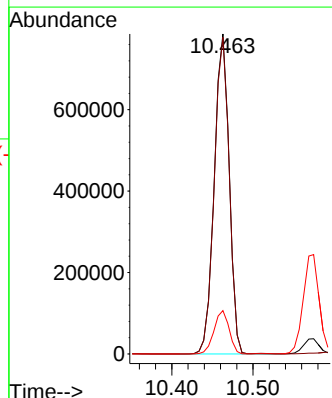
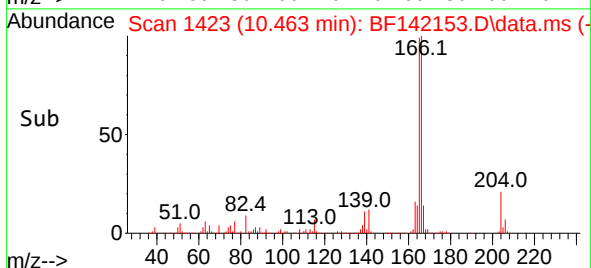
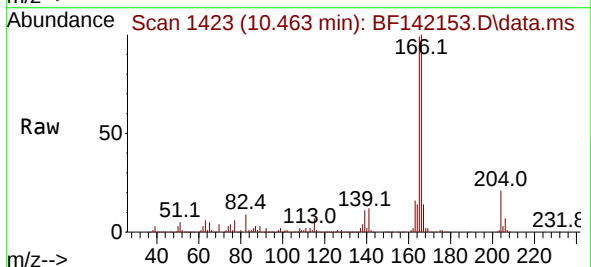


Tgt Ion:165 Resp: 332839
Ion Ratio Lower Upper
165 100
63 44.6 35.4 53.2
89 70.8 56.6 84.8
182 2.9 2.2 3.4



#58
Fluorene
Concen: 51.231 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion:166 Resp: 1006665
Ion Ratio Lower Upper
166 100
165 98.9 79.0 118.4
167 13.6 11.0 16.4

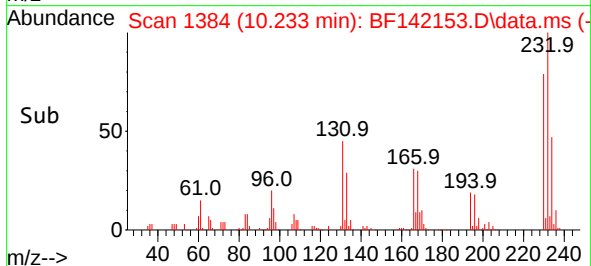
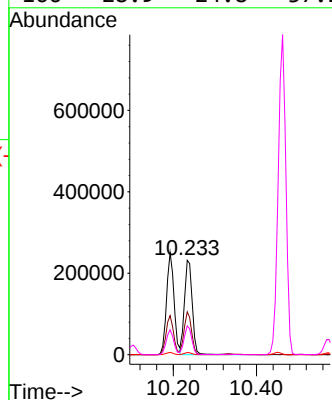
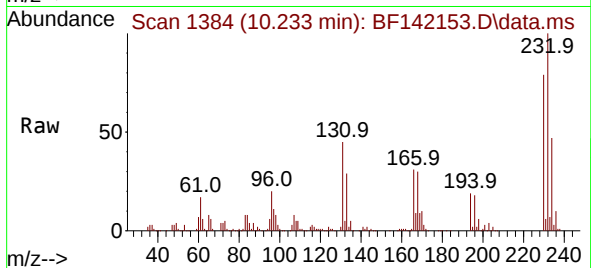




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.636 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

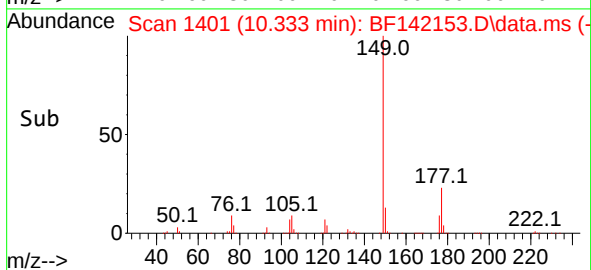
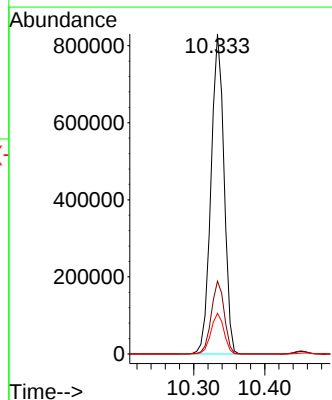
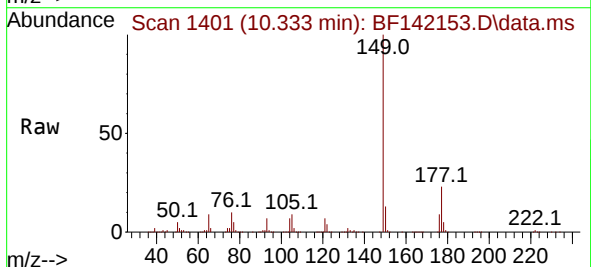
Instrument :
BNA_F
ClientSampleId :
PB167359BS

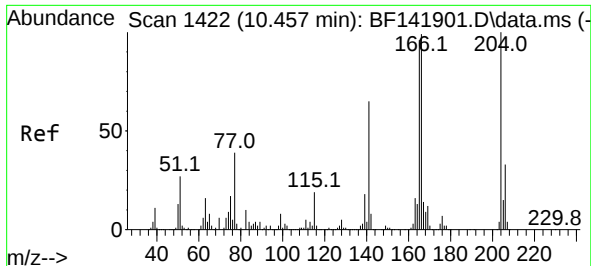
Tgt Ion:232 Resp: 302510
Ion Ratio Lower Upper
232 100
131 44.2 37.3 55.9
130 2.2 1.9 2.9
166 28.9 24.8 37.2



#60
Diethylphthalate
Concen: 50.183 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion:149 Resp: 1058006
Ion Ratio Lower Upper
149 100
177 22.7 18.0 27.0
150 12.7 10.2 15.4

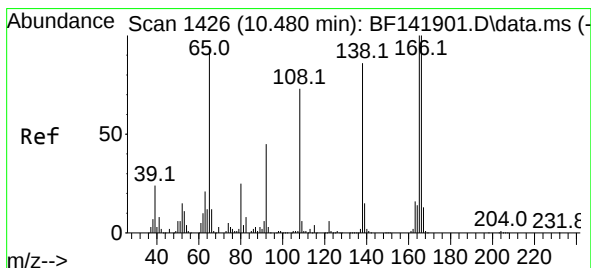
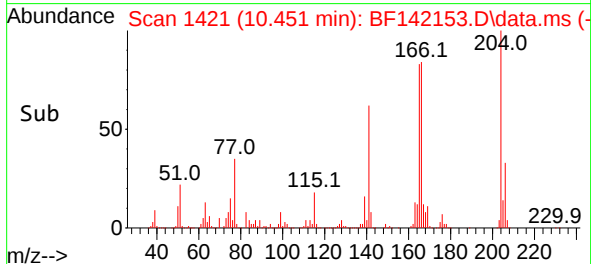
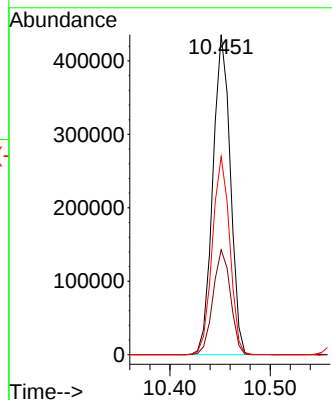
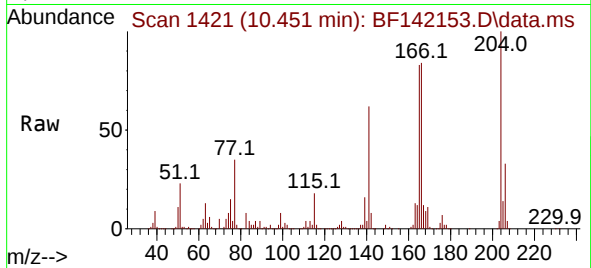




#61
4-Chlorophenyl-phenylether
Concen: 51.483 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

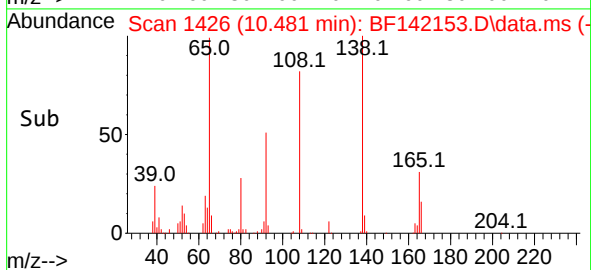
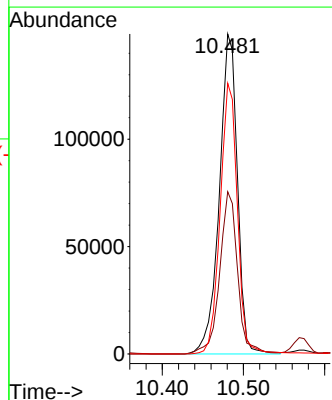
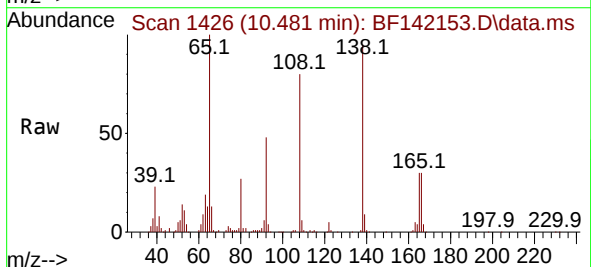
Instrument :
BNA_F
ClientSampleId :
PB167359BS

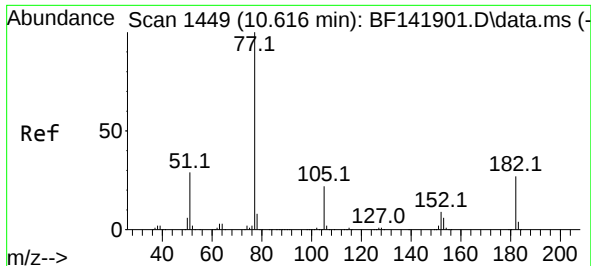
Tgt Ion:204 Resp: 527401
Ion Ratio Lower Upper
204 100
206 32.8 26.8 40.2
141 61.9 52.4 78.6



#62
4-Nitroaniline
Concen: 53.107 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion:138 Resp: 230881
Ion Ratio Lower Upper
138 100
92 50.7 32.6 72.6
108 84.6 65.0 105.0

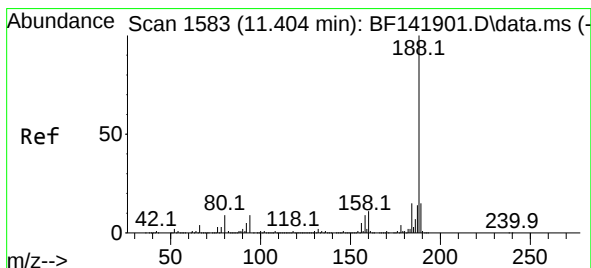
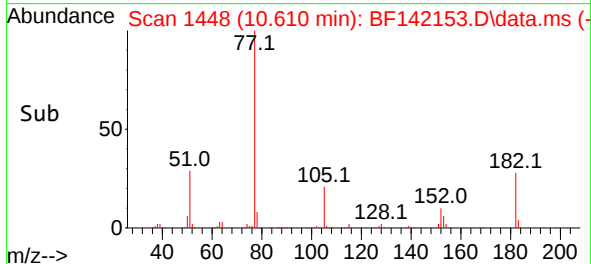
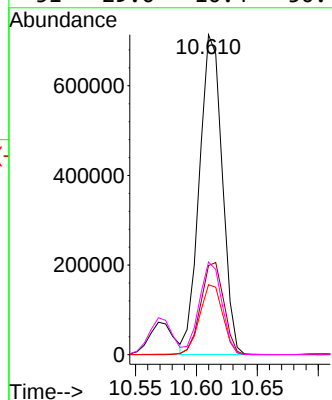
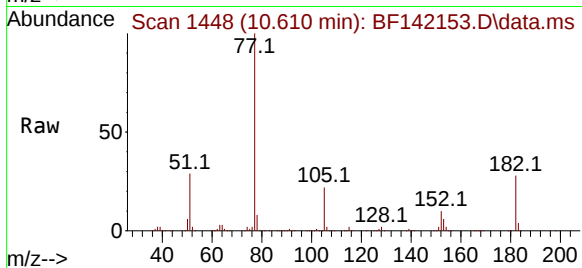




#63
Azobenzene
Concen: 47.387 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

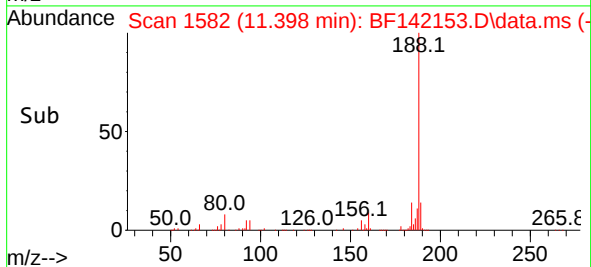
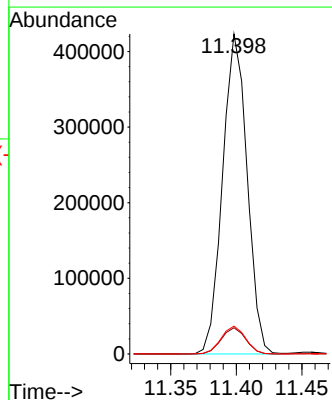
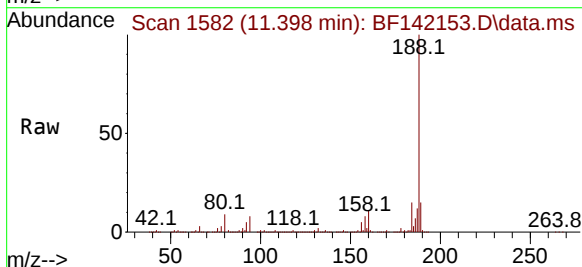
Instrument :
BNA_F
ClientSampleId :
PB167359BS

Tgt Ion:	77	Resp:	928825
Ion	Ratio	Lower	Upper
77	100		
182	27.8	6.6	46.6
105	21.8	1.3	41.3
51	29.0	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: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion:	188	Resp:	550245
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.8	10.2
80	8.7	7.6	11.4

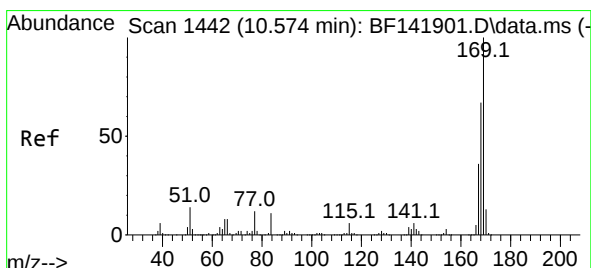
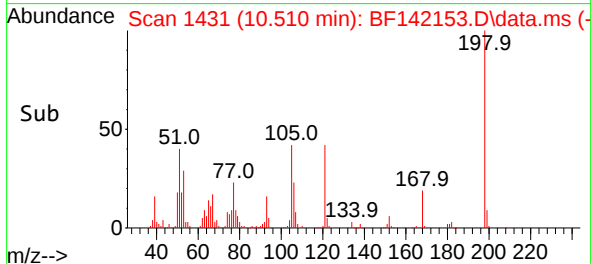
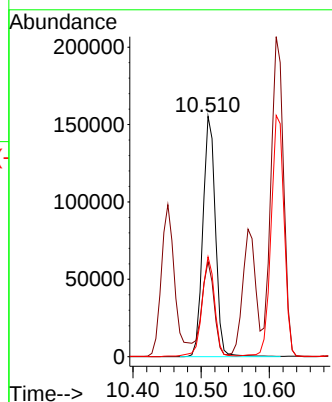
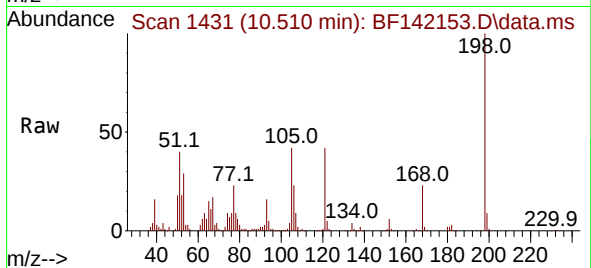




#65
4,6-Dinitro-2-methylphenol
Concen: 60.629 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

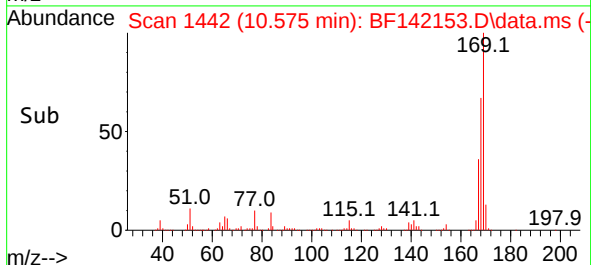
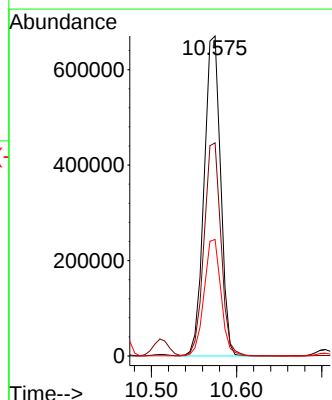
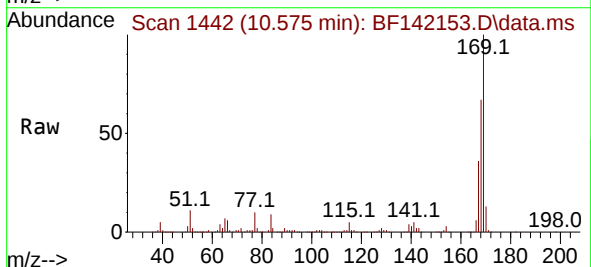
Instrument :
BNA_F
ClientSampleId :
PB167359BS

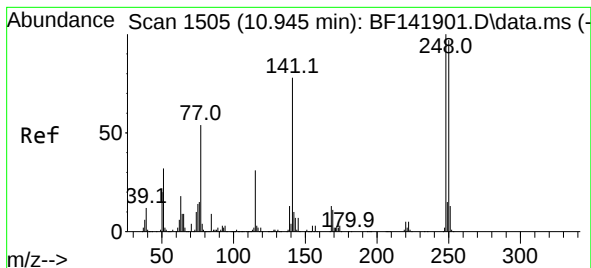
Tgt Ion:198 Resp: 198879
Ion Ratio Lower Upper
198 100
51 39.6 22.3 62.3
105 41.5 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 50.533 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion:169 Resp: 899795
Ion Ratio Lower Upper
169 100
168 66.6 53.7 80.5
167 36.4 29.2 43.8

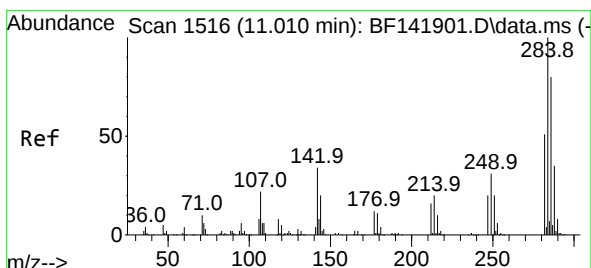
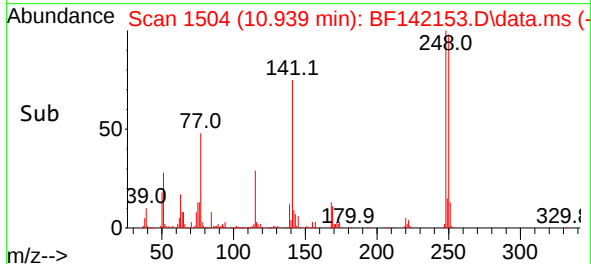
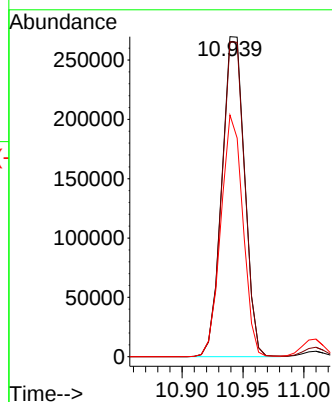
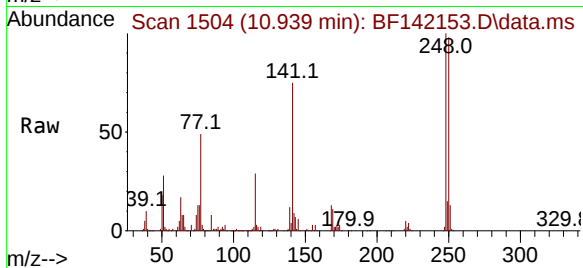




#67
4-Bromophenyl-phenylether
Concen: 50.922 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

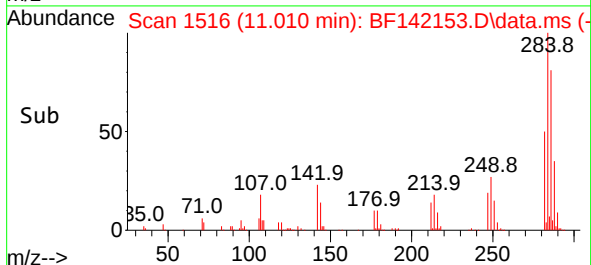
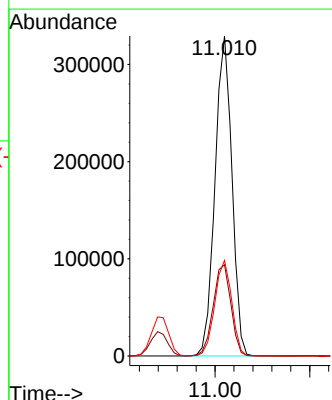
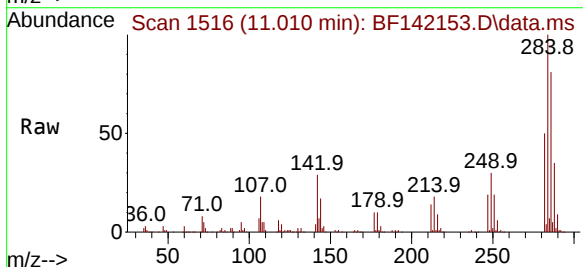
Instrument :
BNA_F
ClientSampleId :
PB167359BS

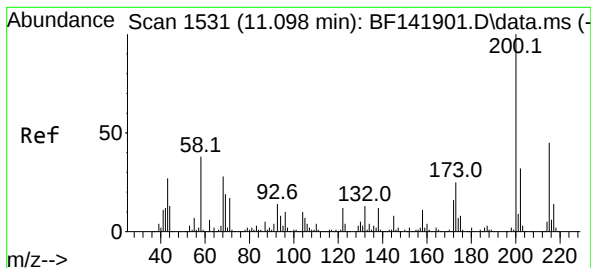
Tgt Ion:248 Resp: 351892
Ion Ratio Lower Upper
248 100
250 98.4 77.8 116.8
141 75.5 62.6 93.8



#68
Hexachlorobenzene
Concen: 53.978 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion:284 Resp: 409110
Ion Ratio Lower Upper
284 100
142 28.5 27.0 40.6
249 29.8 25.2 37.8





#69

Atrazine

Concen: 62.250 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF142153.D

Acq: 28 Mar 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB167359BS

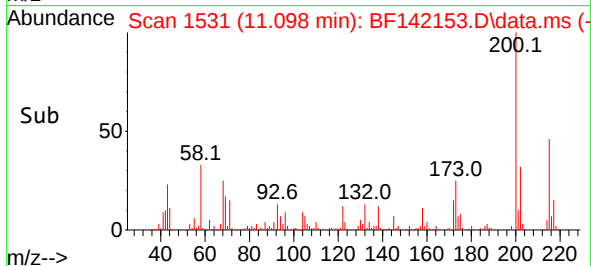
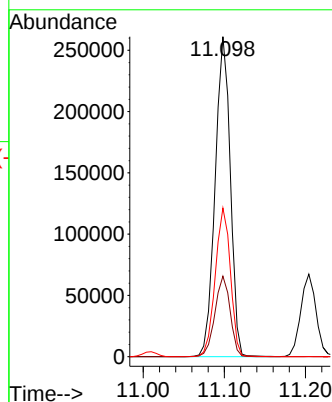
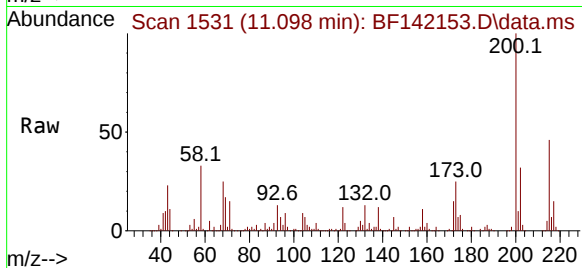
Tgt Ion:200 Resp: 339800

Ion Ratio Lower Upper

200 100

173 25.2 4.7 44.7

215 46.5 25.4 65.4



#70

Pentachlorophenol

Concen: 104.350 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF142153.D

Acq: 28 Mar 2025 11:33

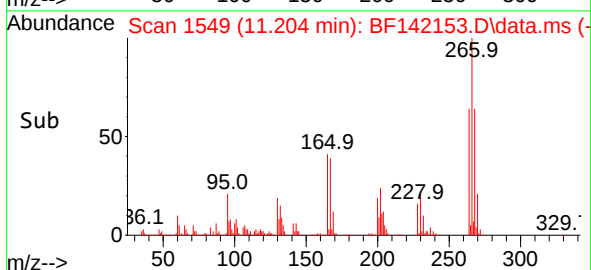
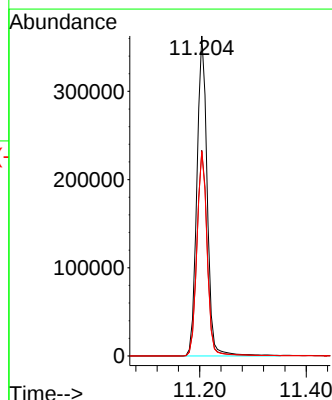
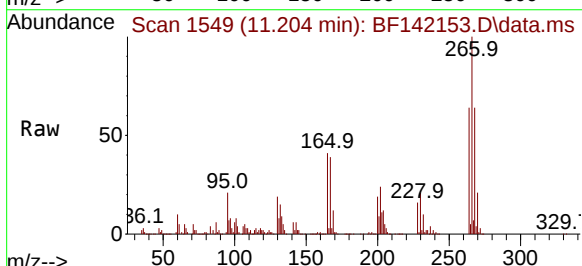
Tgt Ion:266 Resp: 487288

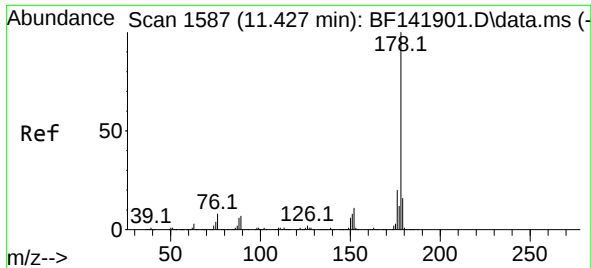
Ion Ratio Lower Upper

266 100

268 64.2 51.0 76.6

264 63.9 50.2 75.2

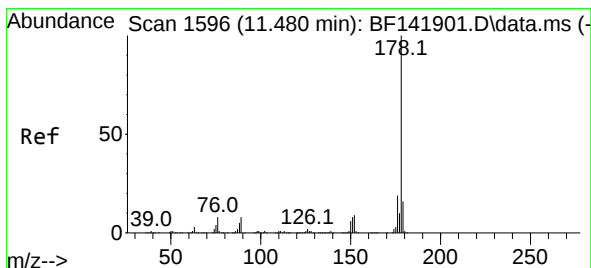
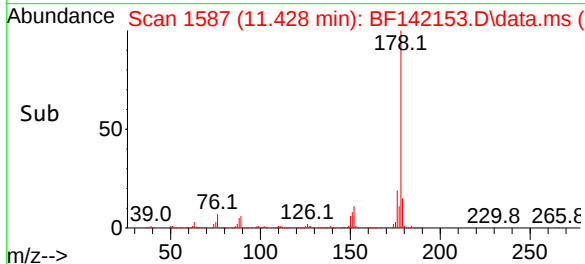
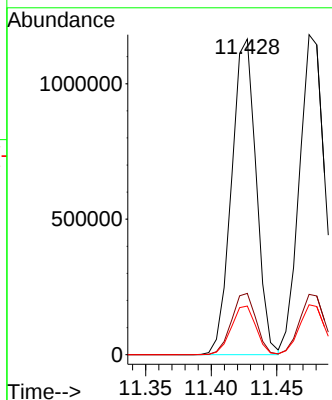
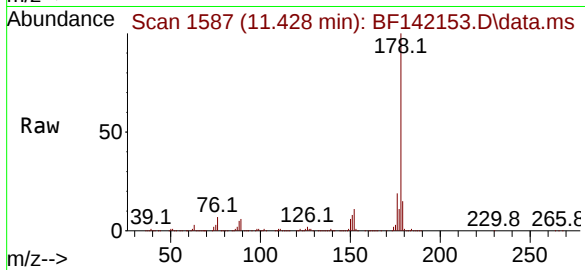




#71
Phenanthrene
Concen: 51.268 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

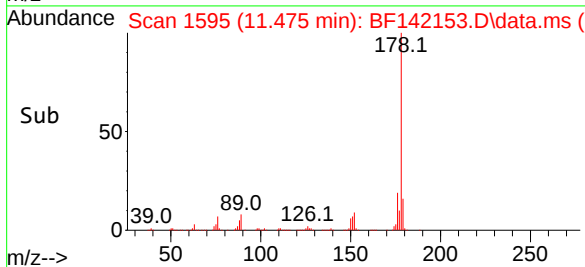
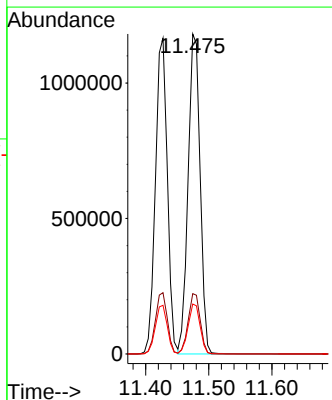
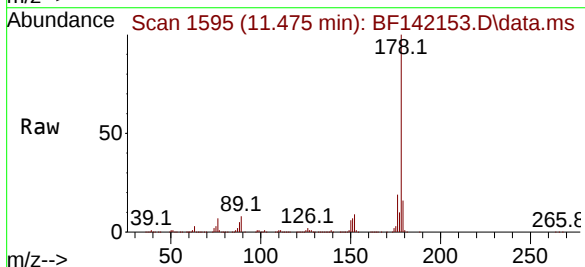
Instrument :
BNA_F
ClientSampleId :
PB167359BS

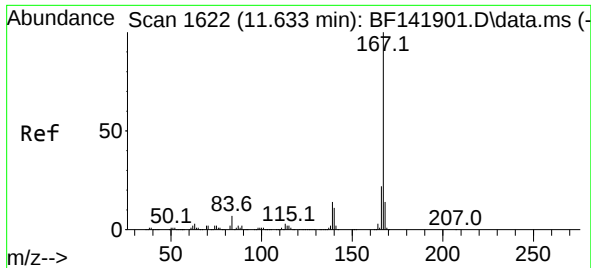
Tgt Ion:178 Resp: 1523707
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.4 12.6 19.0



#72
Anthracene
Concen: 52.515 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion:178 Resp: 1565850
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.6 12.6 19.0

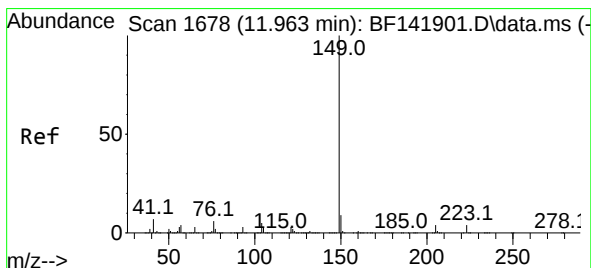
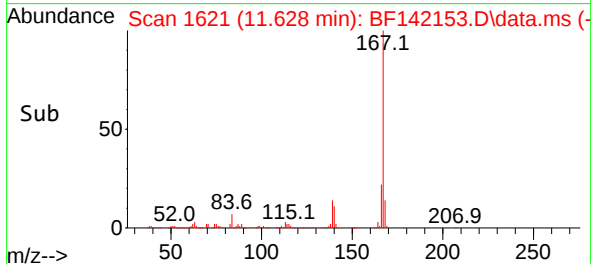
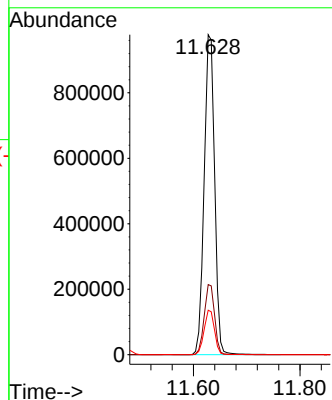
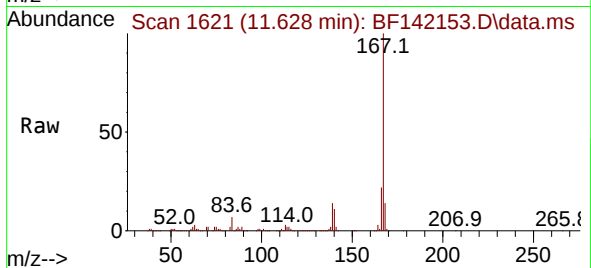




#73
 Carbazole
 Concen: 51.822 ng
 RT: 11.628 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF142153.D
 Acq: 28 Mar 2025 11:33

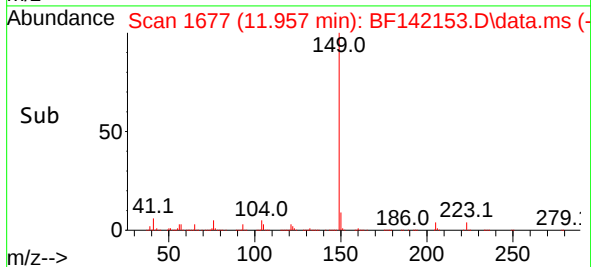
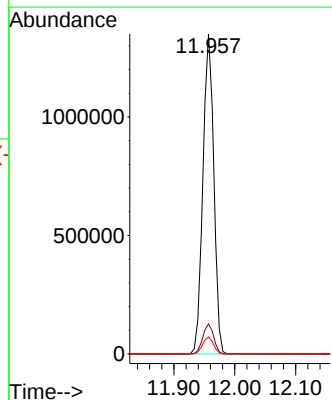
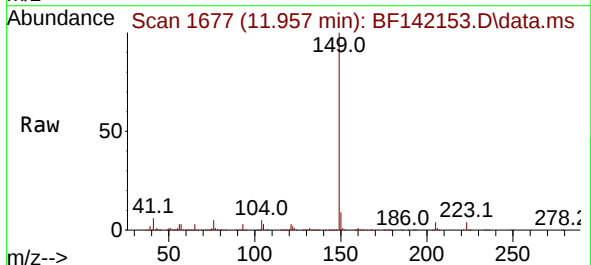
Instrument :
 BNA_F
 ClientSampleId :
 PB167359BS

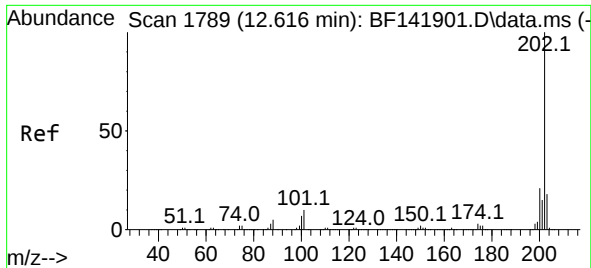
Tgt Ion:167 Resp: 1332600
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.9 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 48.966 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF142153.D
 Acq: 28 Mar 2025 11:33

Tgt Ion:149 Resp: 1670767
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 5.3 4.4 6.6

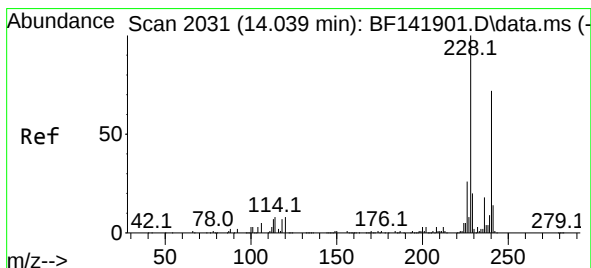
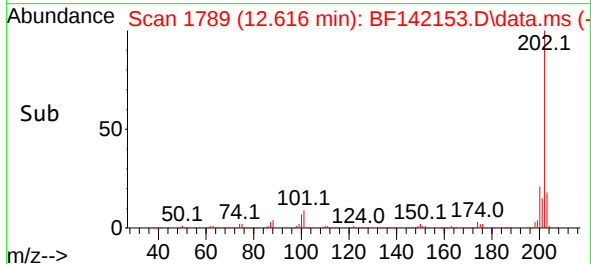
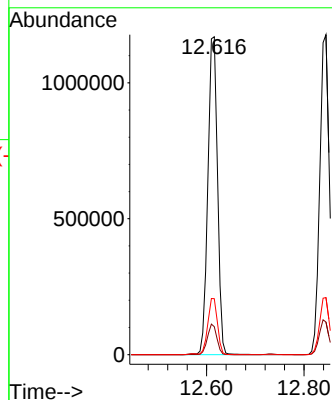
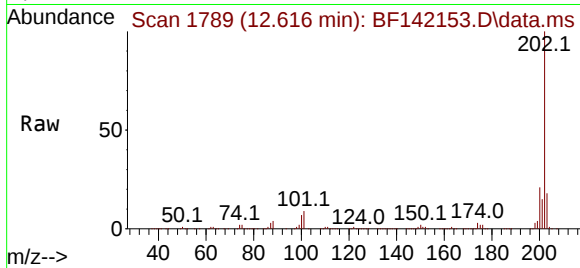




#75
Fluoranthene
Concen: 50.754 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

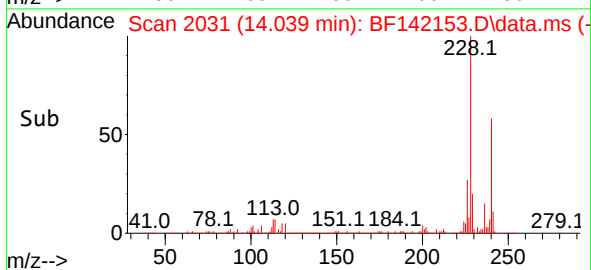
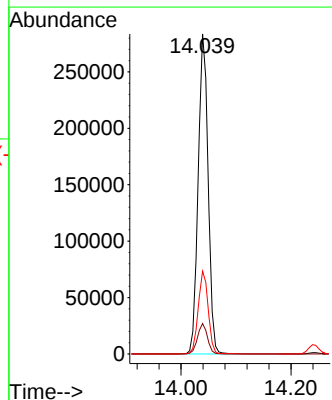
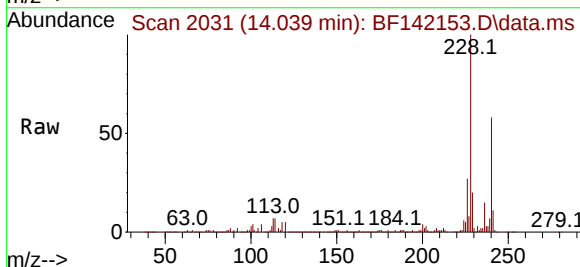
Instrument :
BNA_F
ClientSampleId :
PB167359BS

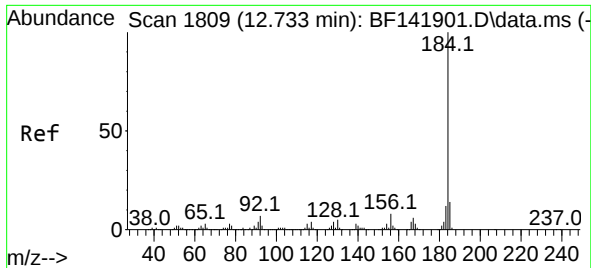
Tgt Ion:202 Resp: 1600101
Ion Ratio Lower Upper
202 100
101 8.8 0.0 29.7
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion:240 Resp: 357068
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 25.9 20.5 30.7

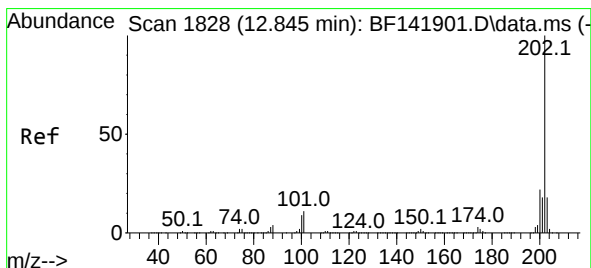
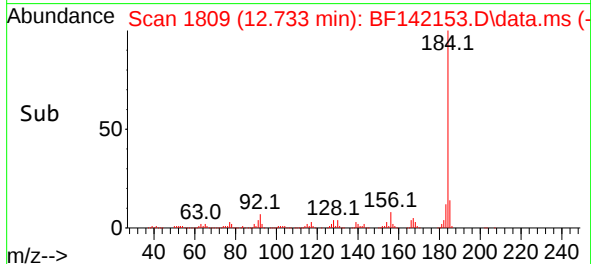
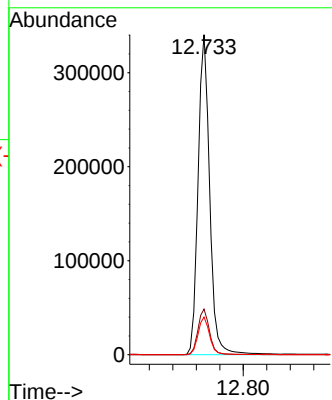
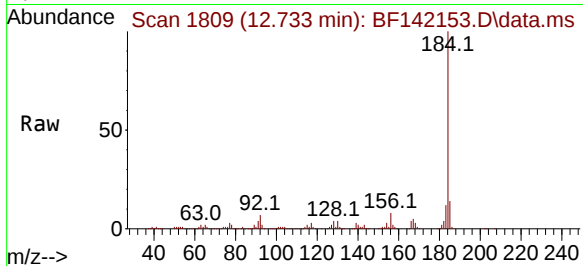




#77
Benzidine
Concen: 93.552 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

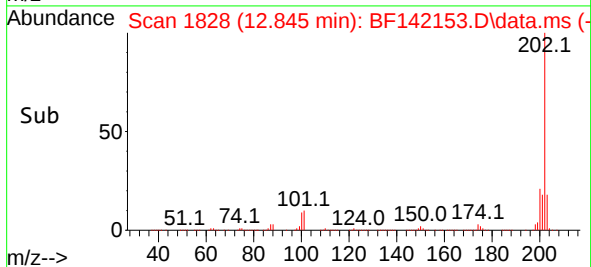
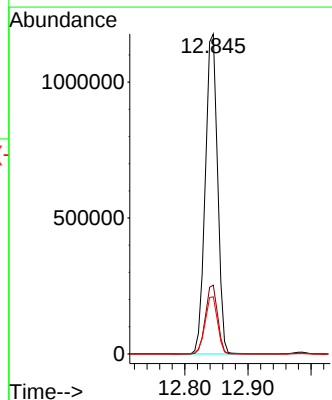
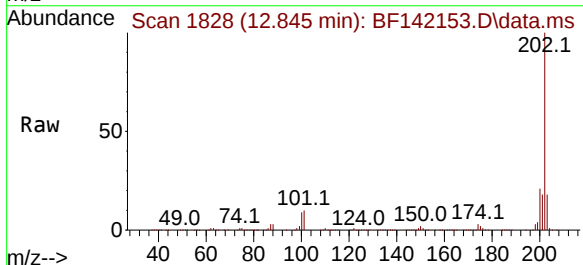
Instrument :
BNA_F
ClientSampleId :
PB167359BS

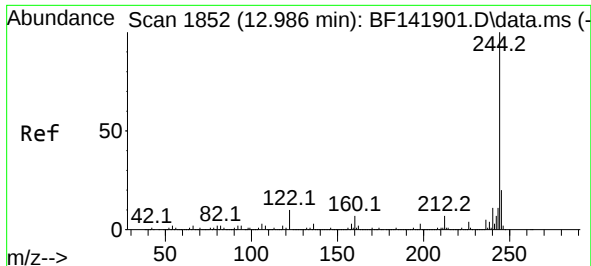
Tgt Ion:184 Resp: 466056
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.7 9.7 14.5



#78
Pyrene
Concen: 51.342 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion:202 Resp: 1585780
Ion Ratio Lower Upper
202 100
200 21.5 17.3 25.9
203 17.9 14.4 21.6

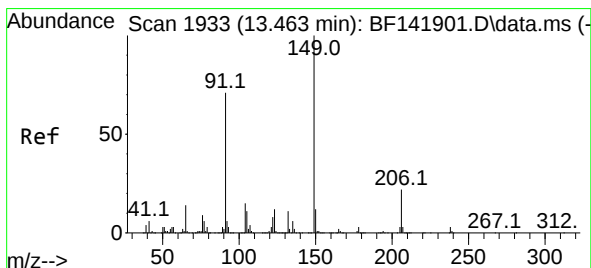
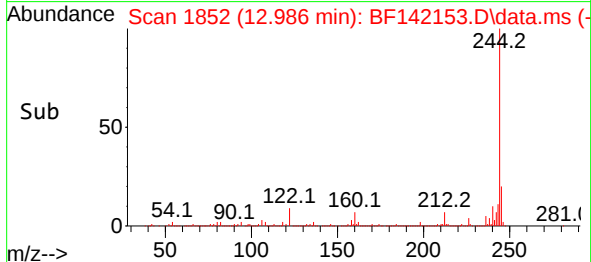
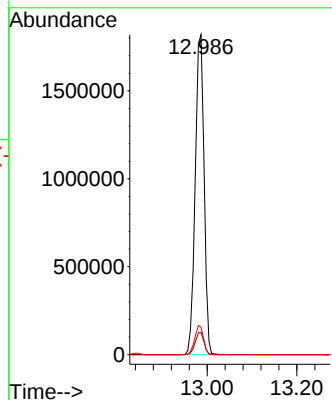
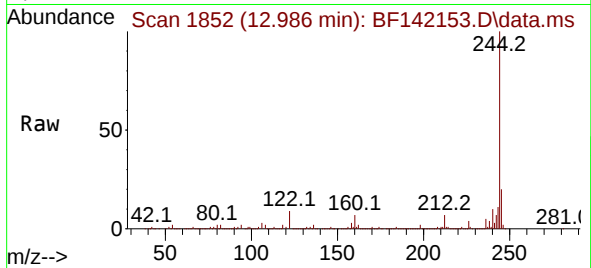




#79
 Terphenyl-d14
 Concen: 103.334 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF142153.D
 Acq: 28 Mar 2025 11:33

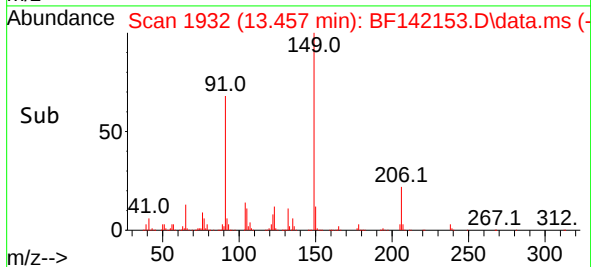
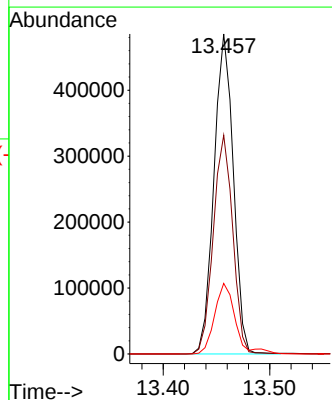
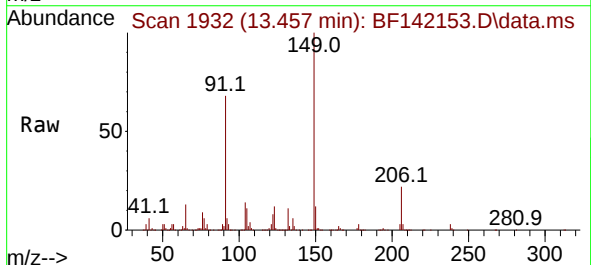
Instrument :
 BNA_F
 ClientSampleId :
 PB167359BS

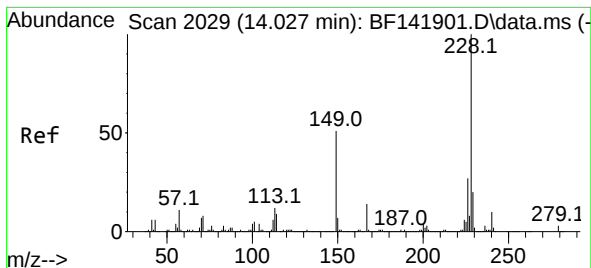
Tgt Ion:244 Resp: 2495658
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.5 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 50.808 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF142153.D
 Acq: 28 Mar 2025 11:33

Tgt Ion:149 Resp: 614229
 Ion Ratio Lower Upper
 149 100
 91 68.3 56.5 84.7
 206 22.1 17.3 25.9





#81

Benzo(a)anthracene

Concen: 54.617 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF142153.D

Acq: 28 Mar 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB167359BS

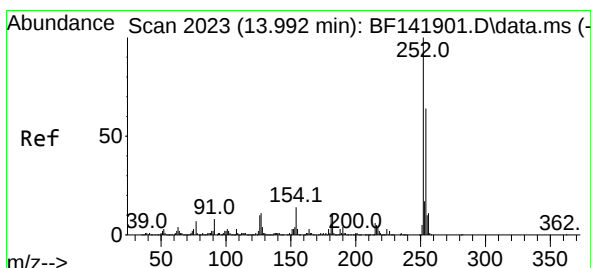
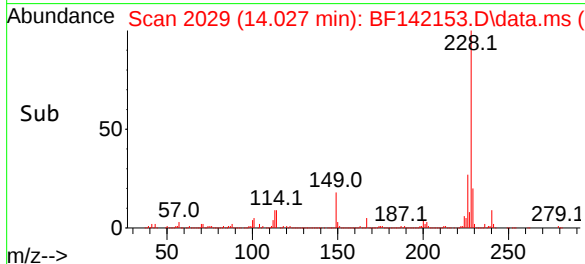
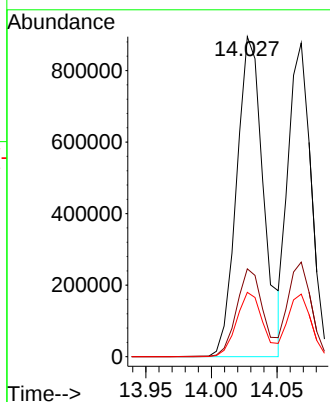
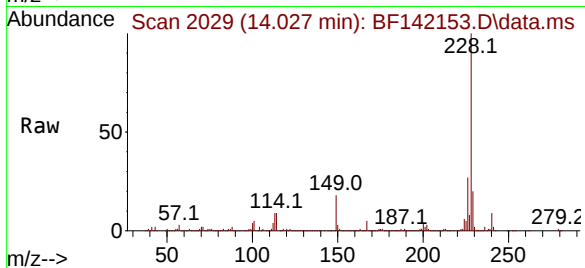
Tgt Ion:228 Resp: 1279730

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 20.1 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 16.921 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF142153.D

Acq: 28 Mar 2025 11:33

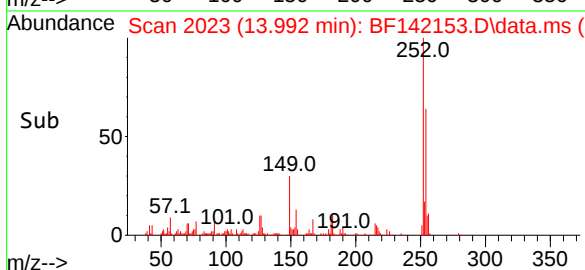
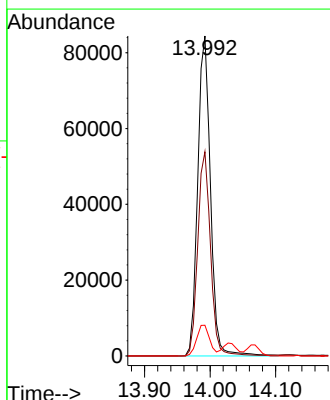
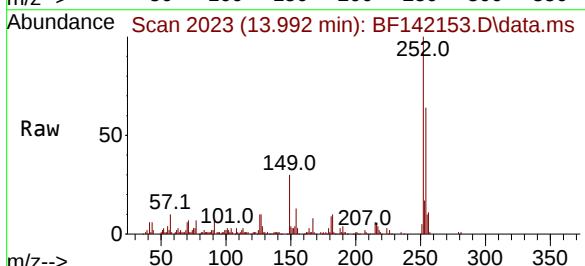
Tgt Ion:252 Resp: 114578

Ion Ratio Lower Upper

252 100

254 63.8 51.0 76.6

126 9.6 8.4 12.6





#83

Chrysene

Concen: 50.224 ng

RT: 14.069 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF142153.D

Acq: 28 Mar 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB167359BS

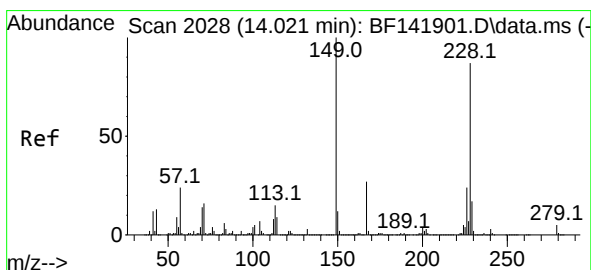
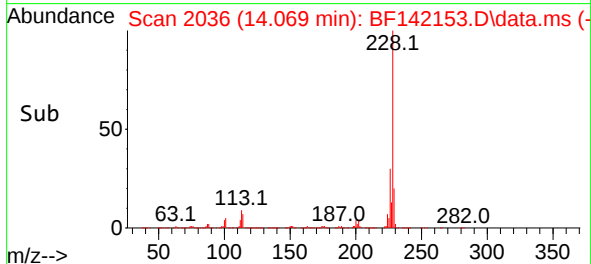
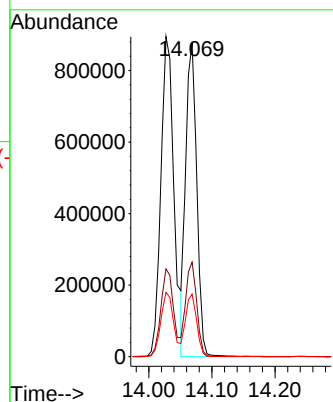
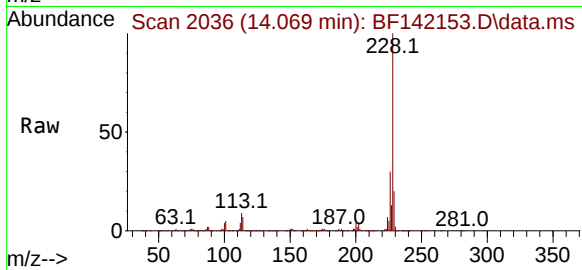
Tgt Ion:228 Resp: 1066728

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.313 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF142153.D

Acq: 28 Mar 2025 11:33

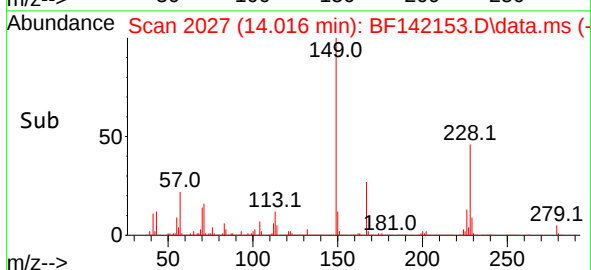
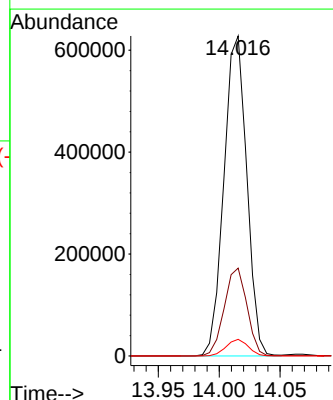
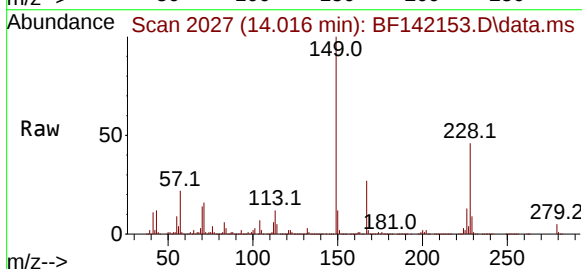
Tgt Ion:149 Resp: 821970

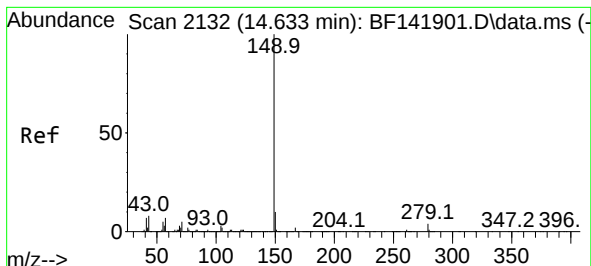
Ion Ratio Lower Upper

149 100

167 27.5 21.4 32.0

279 5.2 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 52.138 ng

RT: 14.627 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142153.D

Acq: 28 Mar 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB167359BS

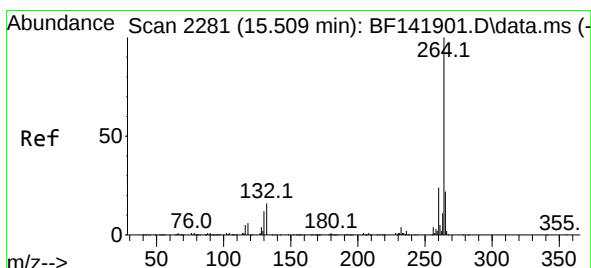
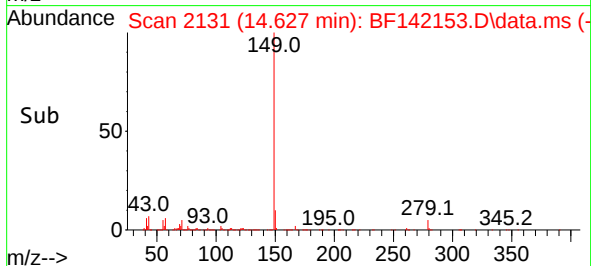
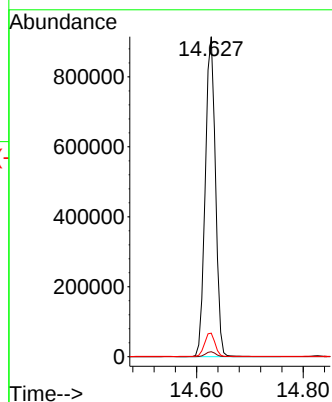
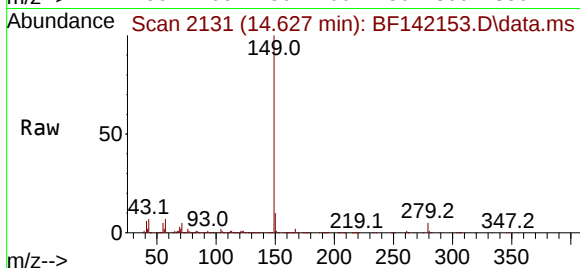
Tgt Ion:149 Resp: 1209209

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: 15.515 min Scan# 2282

Delta R.T. 0.006 min

Lab File: BF142153.D

Acq: 28 Mar 2025 11:33

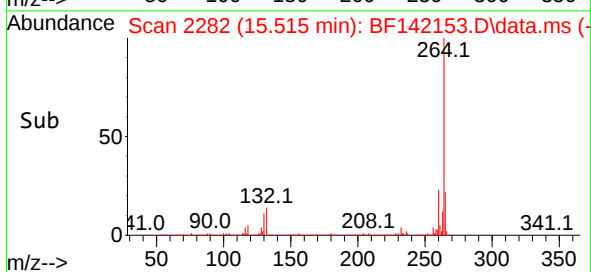
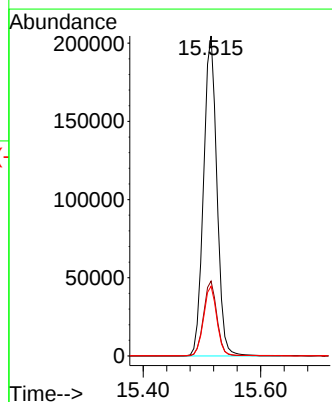
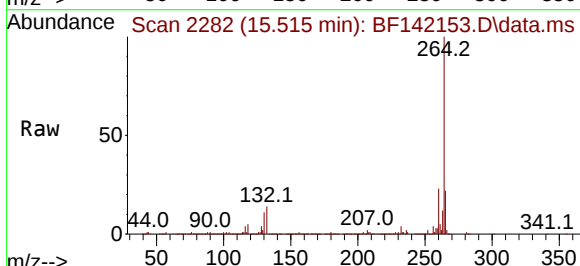
Tgt Ion:264 Resp: 323038

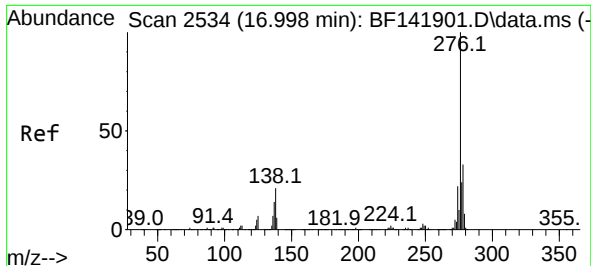
Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.8 17.5 26.3

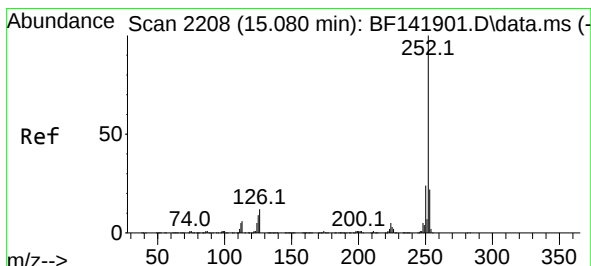
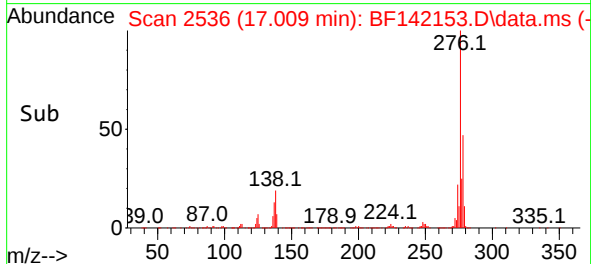
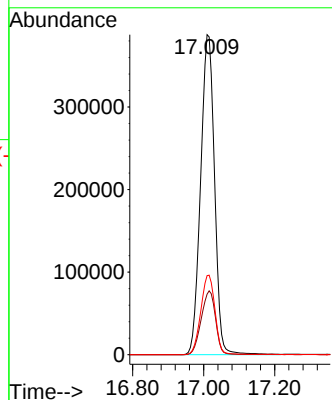
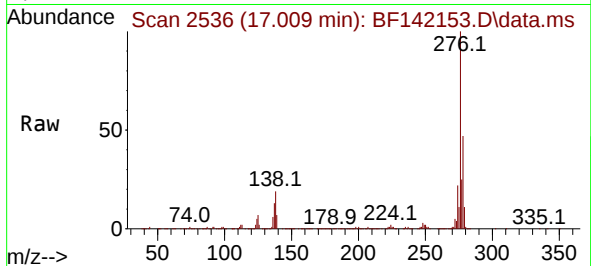




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.652 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

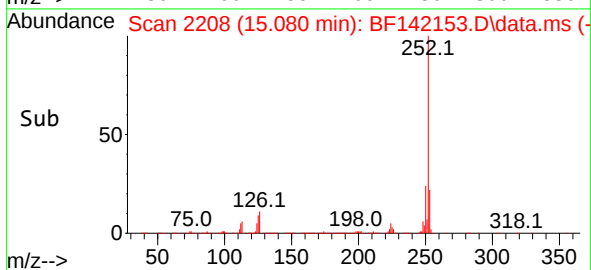
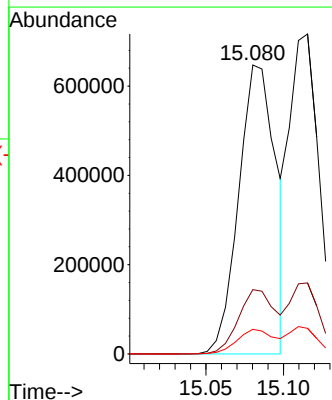
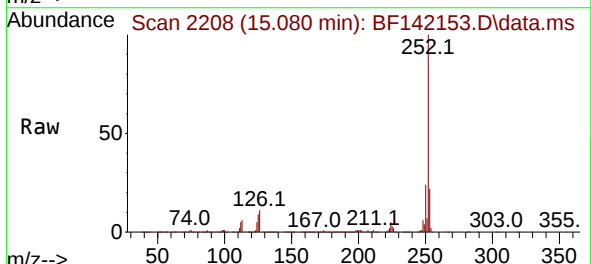
Instrument :
BNA_F
ClientSampleId :
PB167359BS

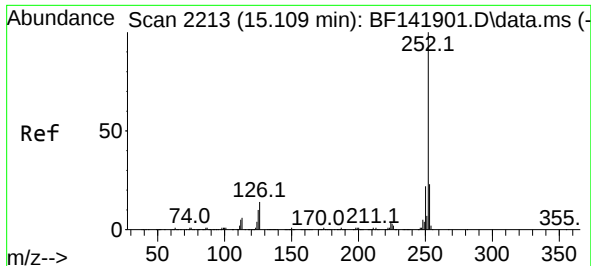
Tgt Ion:276 Resp: 1058464
Ion Ratio Lower Upper
276 100
138 20.5 18.4 27.6
277 25.4 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 48.544 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion:252 Resp: 1074740
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 8.5 7.0 10.4

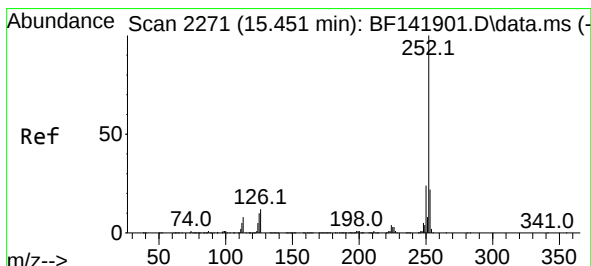
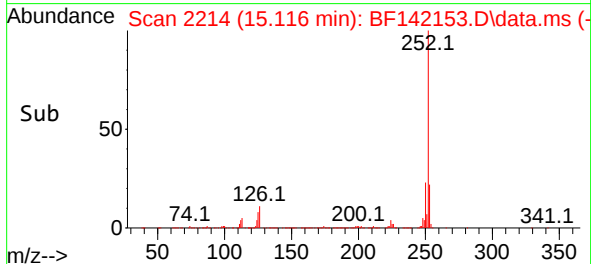
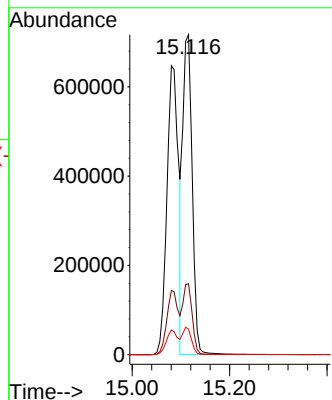
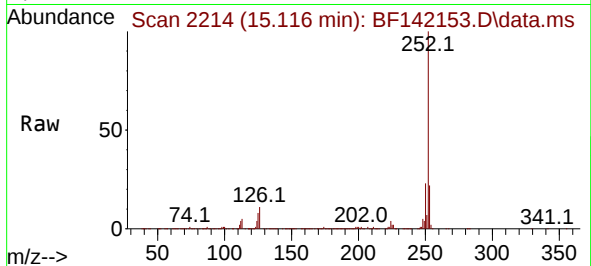




#89
Benzo(k)fluoranthene
Concen: 50.697 ng
RT: 15.116 min Scan# 2214
Delta R.T. 0.006 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

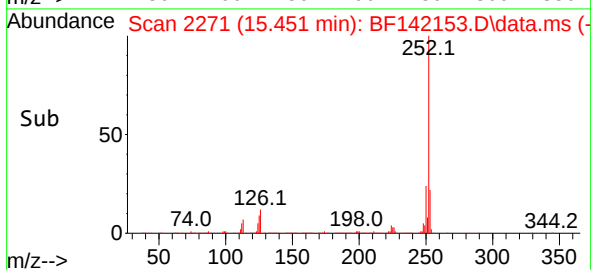
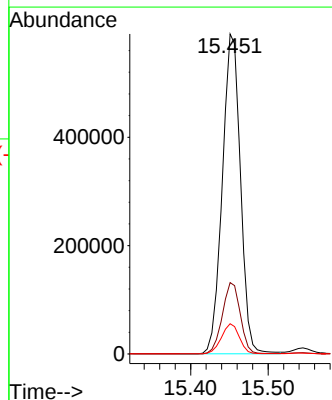
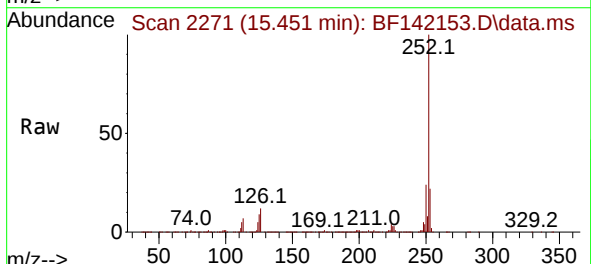
Instrument :
BNA_F
ClientSampleId :
PB167359BS

Tgt Ion:252 Resp: 960537
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 8.0 7.2 10.8



#90
Benzo(a)pyrene
Concen: 55.585 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion:252 Resp: 962928
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 9.5 7.8 11.8

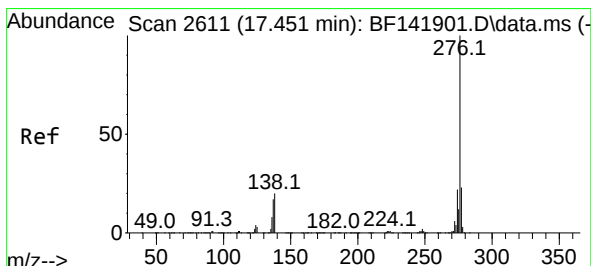
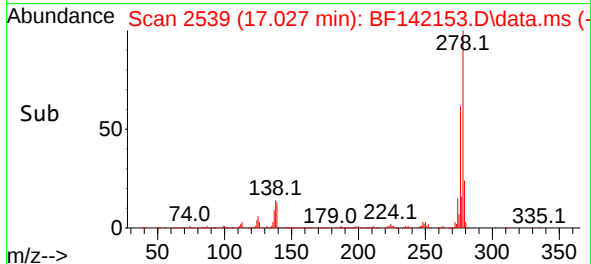
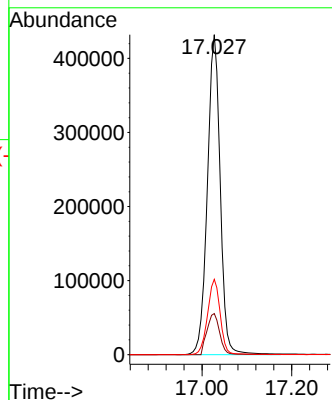
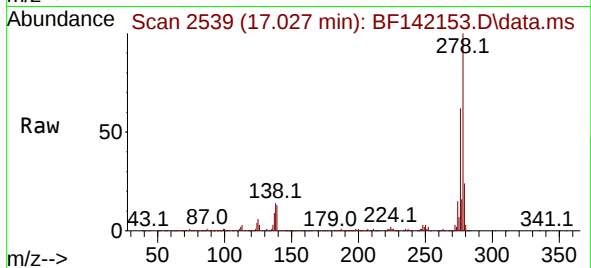




#91
Dibenzo(a,h)anthracene
Concen: 49.781 ng
RT: 17.027 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Instrument :
BNA_F
ClientSampleId :
PB167359BS

Tgt Ion:278 Resp: 858300
Ion Ratio Lower Upper
278 100
139 12.8 11.4 17.2
279 23.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 50.491 ng
RT: 17.462 min Scan# 2613
Delta R.T. 0.012 min
Lab File: BF142153.D
Acq: 28 Mar 2025 11:33

Tgt Ion:276 Resp: 860263
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 18.3 15.8 23.8

