

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141400.D
 Acq On : 04 Feb 2025 11:35
 Operator : RC/JU
 Sample : PB166483BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166483BS

Quant Time: Feb 04 12:52:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	76563	20.000	ng	-0.02
21) Naphthalene-d8	8.075	136	300075	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	160616	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	270383	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	215739	20.000	ng	-0.01
86) Perylene-d12	15.415	264	184626	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	725062	145.386	ng	0.00
7) Phenol-d6	6.434	99	864984	136.340	ng	0.00
23) Nitrobenzene-d5	7.357	82	571426	100.387	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	235403	159.869	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1048310	100.460	ng	-0.01
79) Terphenyl-d14	12.910	244	1283922	91.780	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.528	88	92151	42.014	ng	97
3) Pyridine	3.257	79	207759	39.314	ng	97
4) n-Nitrosodimethylamine	3.199	42	144832	47.975	ng	91
6) Aniline	6.451	93	227171	42.301	ng	# 23
8) 2-Chlorophenol	6.581	128	250036	46.776	ng	96
9) Benzaldehyde	6.339	77	183018	49.803	ng	99
10) Phenol	6.445	94	294895	43.849	ng	# 66
11) bis(2-Chloroethyl)ether	6.528	93	230207	44.643	ng	97
12) 1,3-Dichlorobenzene	6.728	146	259221	43.982	ng	99
13) 1,4-Dichlorobenzene	6.804	146	264519	44.675	ng	99
14) 1,2-Dichlorobenzene	6.957	146	252196	45.488	ng	100
15) Benzyl Alcohol	6.934	79	214928	49.572	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	385864	43.032	ng	83
17) 2-Methylphenol	7.057	107	189327	43.580	ng	# 89
18) Hexachloroethane	7.304	117	98203	44.959	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	169876	45.062	ng	100
20) 3+4-Methylphenols	7.204	107	247410	46.382	ng	# 89
22) Acetophenone	7.198	105	377957	52.989	ng	# 97
24) Nitrobenzene	7.375	77	258189	43.769	ng	99
25) Isophorone	7.610	82	451737	45.910	ng	98
26) 2-Nitrophenol	7.686	139	127221	45.730	ng	93
27) 2,4-Dimethylphenol	7.734	122	192629	54.399	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	276699	44.086	ng	99
29) 2,4-Dichlorophenol	7.939	162	200490	46.249	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	217627	43.959	ng	99
31) Naphthalene	8.092	128	705472	44.503	ng	100
32) Benzoic acid	7.851	122	164765	50.616	ng	98
33) 4-Chloroaniline	8.145	127	127904	23.794	ng	99
34) Hexachlorobutadiene	8.210	225	135320	46.609	ng	98
35) Caprolactam	8.545	113	29634	20.931	ng	96
36) 4-Chloro-3-methylphenol	8.639	107	221277	47.587	ng	96
37) 2-Methylnaphthalene	8.786	142	444828	44.150	ng	99
38) 1-Methylnaphthalene	8.886	142	435401	43.993	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	238396	52.173	ng	98
41) Hexachlorocyclopentadiene	8.939	237	283535	210.110	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	142131	47.523	ng	99

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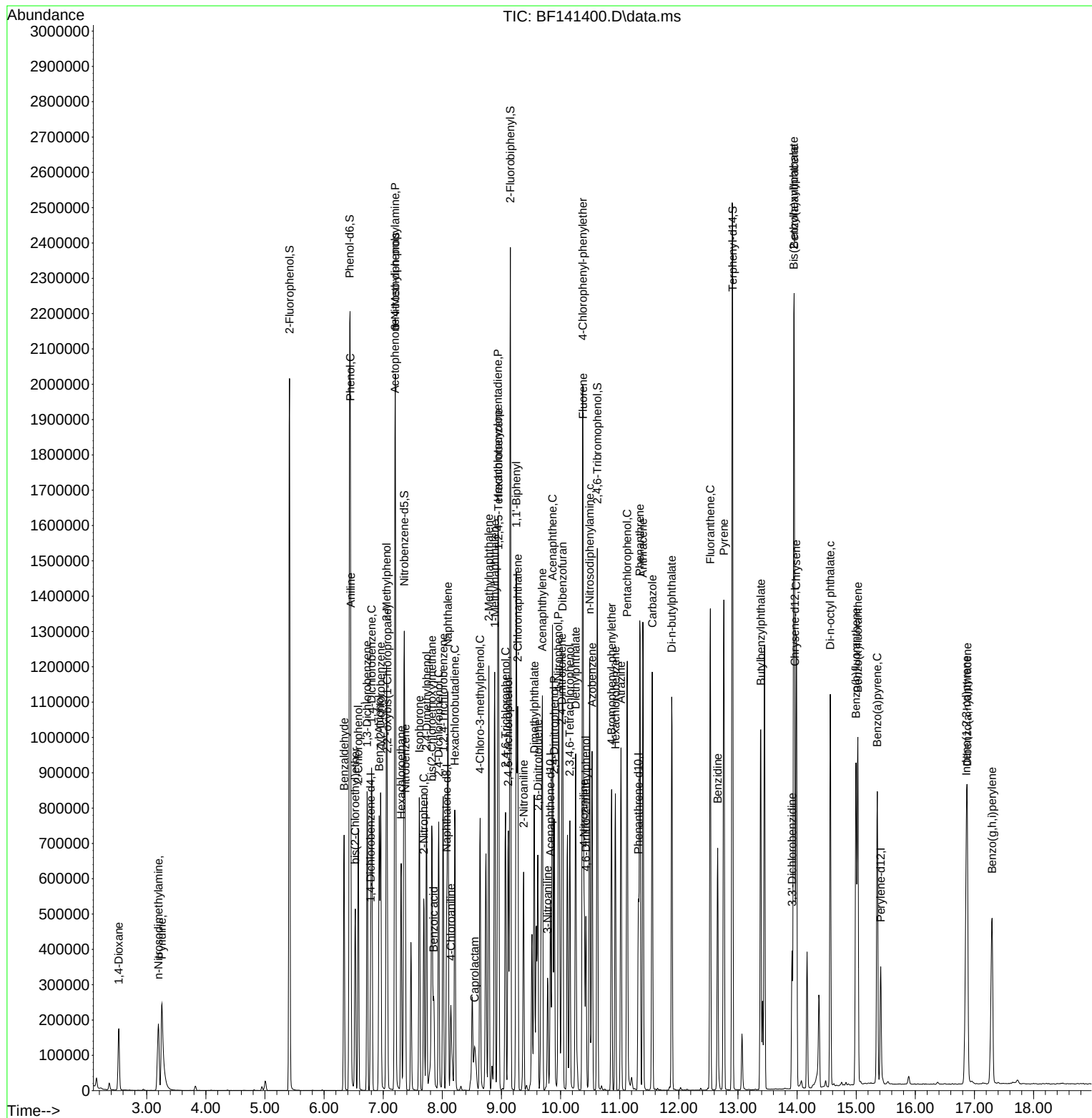
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	148982	45.768	ng	98
46) 1,1'-Biphenyl	9.251	154	636137	50.785	ng	99
47) 2-Chloronaphthalene	9.275	162	431150	44.160	ng	99
48) 2-Nitroaniline	9.375	65	143083	46.592	ng	98
49) Acenaphthylene	9.692	152	666641	48.777	ng	100
50) Dimethylphthalate	9.557	163	508293	46.856	ng	100
51) 2,6-Dinitrotoluene	9.616	165	112877	44.814	ng	100
52) Acenaphthene	9.863	154	436901	44.747	ng	100
53) 3-Nitroaniline	9.780	138	64615	26.174	ng	94
54) 2,4-Dinitrophenol	9.892	184	132431	113.106	ng	92
55) Dibenzofuran	10.033	168	601125	45.995	ng	97
56) 4-Nitrophenol	9.963	139	197015	109.124	ng	90
57) 2,4-Dinitrotoluene	10.022	165	154912	47.503	ng	94
58) Fluorene	10.380	166	476249	46.978	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	128489	50.174	ng	97
60) Diethylphthalate	10.257	149	487531	46.351	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	230145	46.476	ng	100
62) 4-Nitroaniline	10.398	138	115317	47.513	ng	91
63) Azobenzene	10.533	77	473493	44.972	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	86904	54.338	ng	97
66) n-Nitrosodiphenylamine	10.492	169	414100	47.352	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	139830	46.194	ng	99
68) Hexachlorobenzene	10.927	284	150872	46.987	ng	99
69) Atrazine	11.022	200	162293	55.505	ng	99
70) Pentachlorophenol	11.127	266	199886	106.308	ng	99
71) Phenanthrene	11.339	178	730767	50.279	ng	100
72) Anthracene	11.392	178	740887	52.025	ng	100
73) Carbazole	11.551	167	665737	52.720	ng	100
74) Di-n-butylphthalate	11.880	149	782788	51.151	ng	100
75) Fluoranthene	12.533	202	786408	54.799	ng	98
77) Benzidine	12.657	184	367247	53.099	ng	99
78) Pyrene	12.763	202	807615	38.998	ng	100
80) Butylbenzylphthalate	13.386	149	332305	45.931	ng	98
81) Benzo(a)anthracene	13.951	228	668353	44.894	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	111961	23.646	ng	99
83) Chrysene	13.986	228	643939	47.197	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	437769	47.699	ng	99
85) Di-n-octyl phthalate	14.562	149	714116	50.097	ng	99
87) Indeno(1,2,3-cd)pyrene	16.862	276	561438	47.115	ng	96
88) Benzo(b)fluoranthene	14.998	252	563297	48.504	ng	99
89) Benzo(k)fluoranthene	15.027	252	545792	53.051	ng	99
90) Benzo(a)pyrene	15.357	252	506470	51.607	ng	98
91) Dibenzo(a,h)anthracene	16.880	278	451705	47.116	ng	97
92) Benzo(g,h,i)perylene	17.298	276	435645	43.702	ng	95

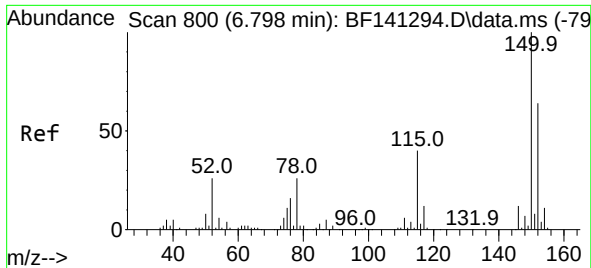
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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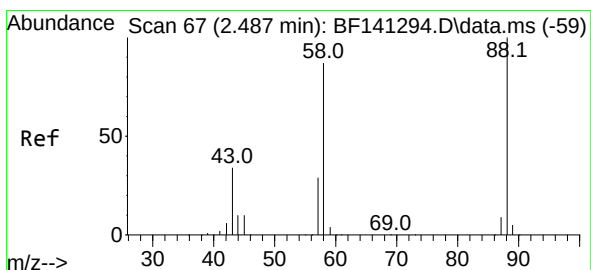
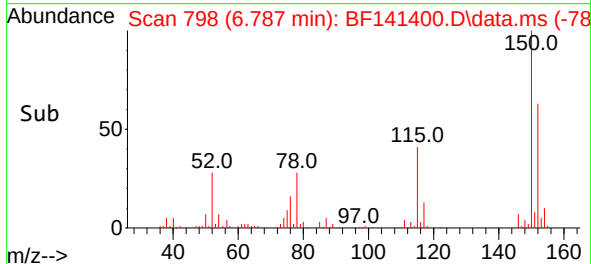
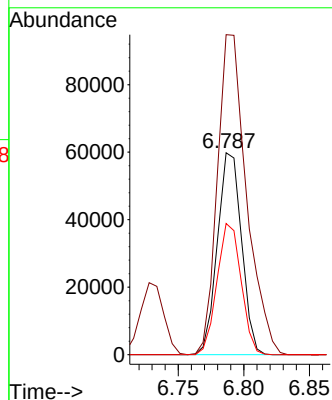
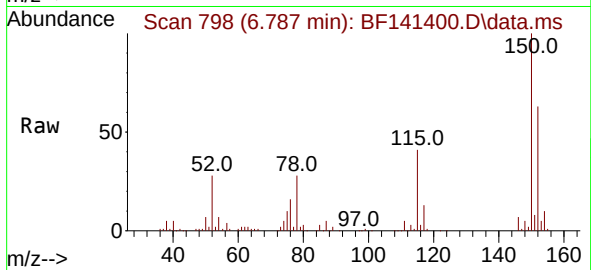




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 74
 Delta R.T. -0.017 min
 Lab File: BF141400.D
 Acq: 04 Feb 2025 11:35

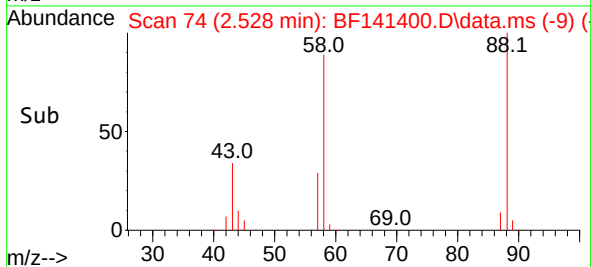
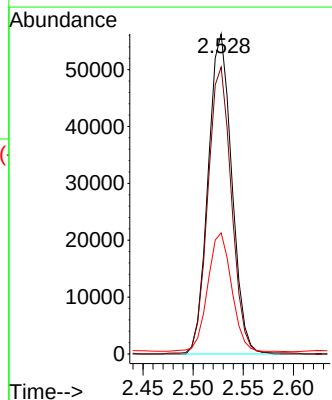
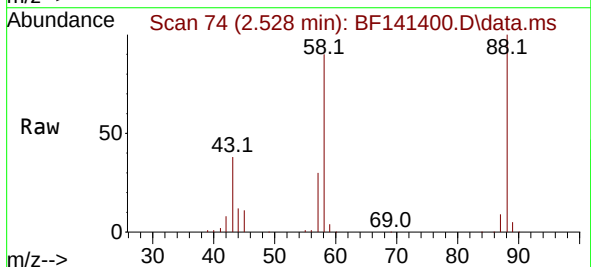
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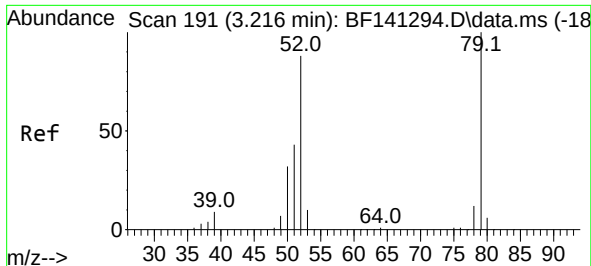
Tgt Ion:152 Resp: 76563
 Ion Ratio Lower Upper
 152 100
 150 158.5 125.9 188.9
 115 65.0 49.7 74.5



#2
 1,4-Dioxane
 Concen: 42.014 ng
 RT: 2.528 min Scan# 74
 Delta R.T. 0.035 min
 Lab File: BF141400.D
 Acq: 04 Feb 2025 11:35

Tgt Ion: 88 Resp: 92151
 Ion Ratio Lower Upper
 88 100
 58 90.0 70.2 105.4
 43 37.8 27.6 41.4





#3

Pyridine

Concen: 39.314 ng

RT: 3.257 min Scan# 191

Delta R.T. 0.029 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

PB166483BS

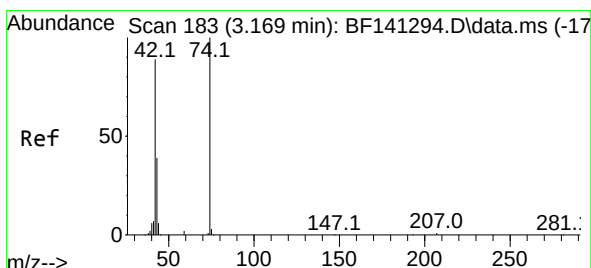
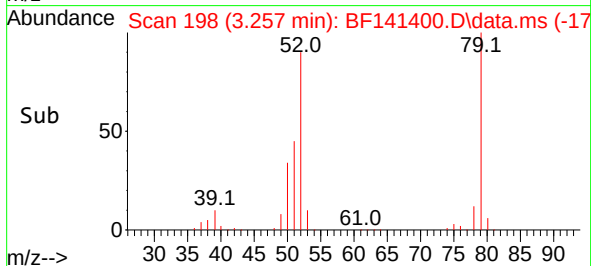
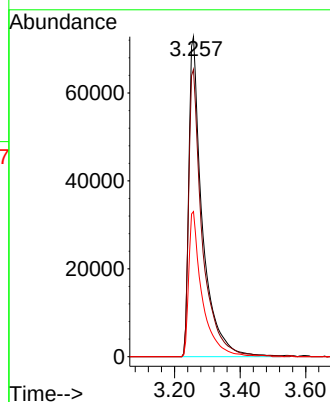
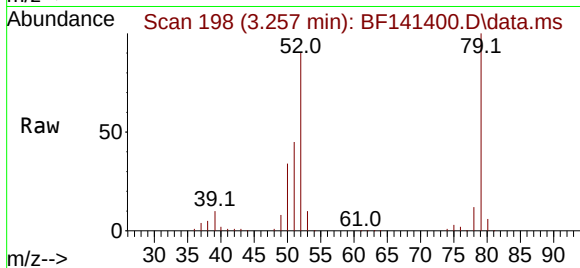
Tgt Ion: 79 Resp: 207759

Ion Ratio Lower Upper

79 100

52 89.8 70.3 105.5

51 45.4 34.3 51.5



#4

n-Nitrosodimethylamine

Concen: 47.975 ng

RT: 3.199 min Scan# 188

Delta R.T. -0.000 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

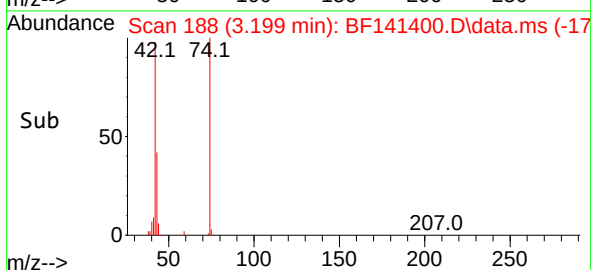
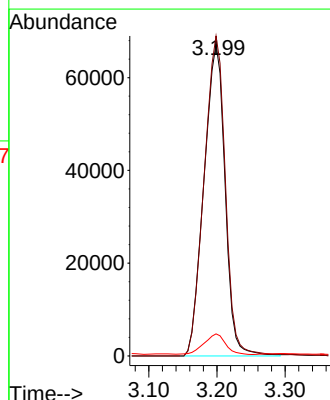
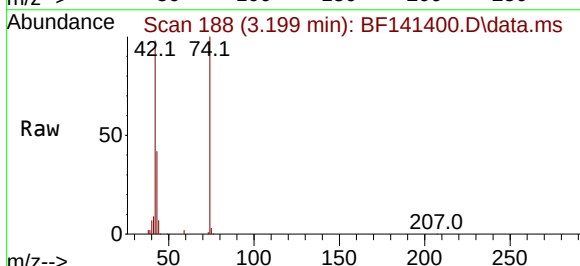
Tgt Ion: 42 Resp: 144832

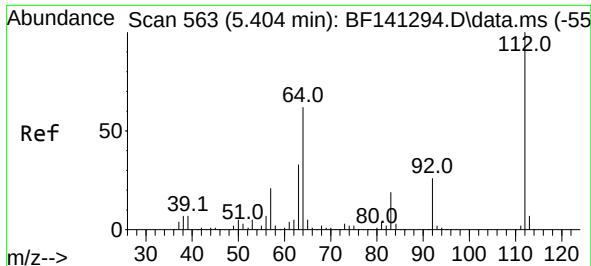
Ion Ratio Lower Upper

42 100

74 102.6 90.3 135.5

44 7.1 5.7 8.5

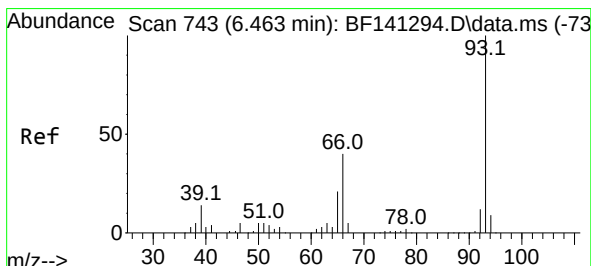
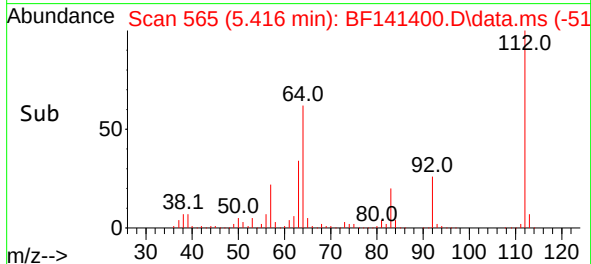
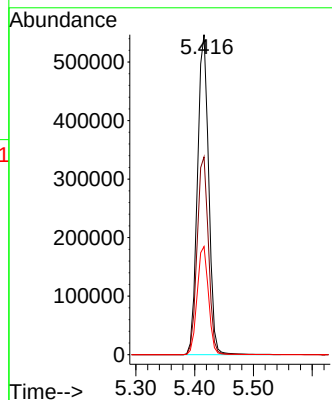
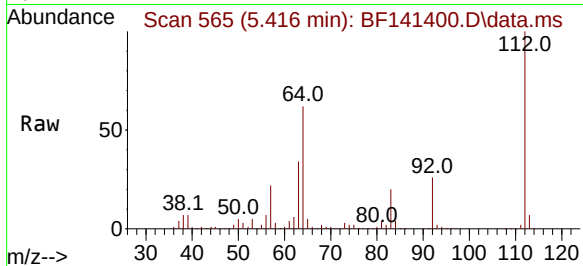




#5
2-Fluorophenol
Concen: 145.386 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

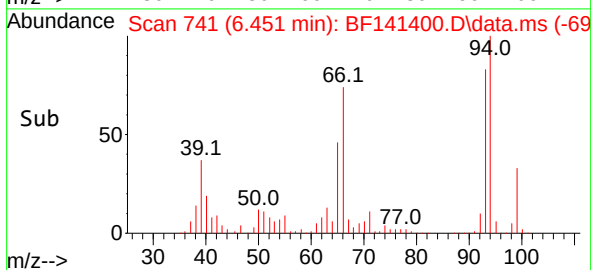
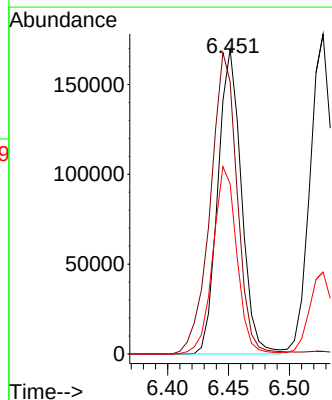
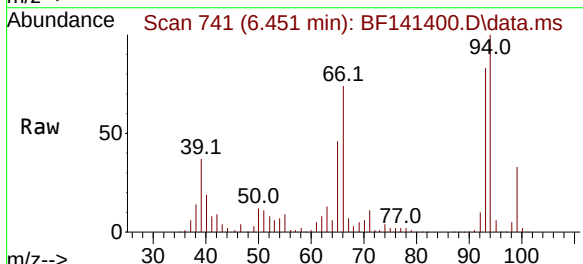
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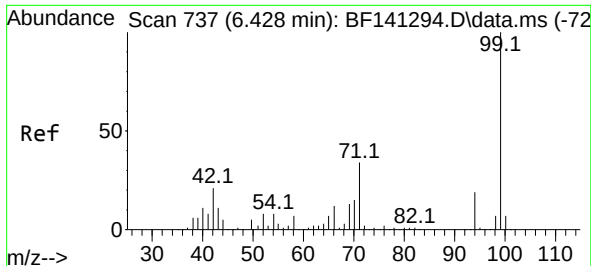
Tgt Ion:112 Resp: 725062
Ion Ratio Lower Upper
112 100
64 61.8 49.8 74.8
63 33.8 26.1 39.1



#6
Aniline
Concen: 42.301 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion: 93 Resp: 227171
Ion Ratio Lower Upper
93 100
66 89.4 32.5 48.7#
65 55.8 17.0 25.6#

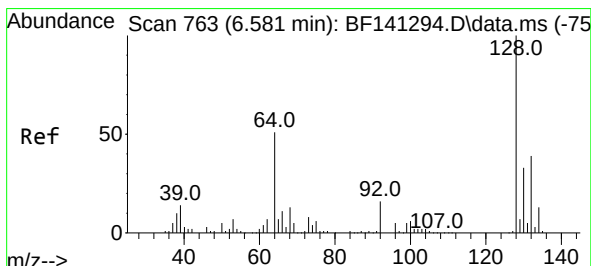
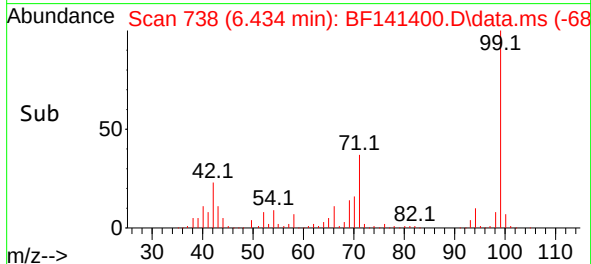
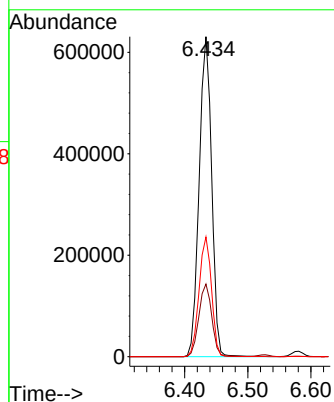
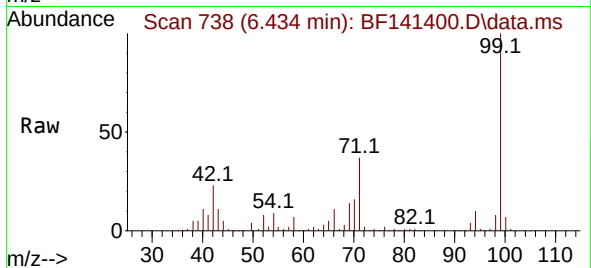




#7
Phenol-d6
Concen: 136.340 ng
RT: 6.434 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

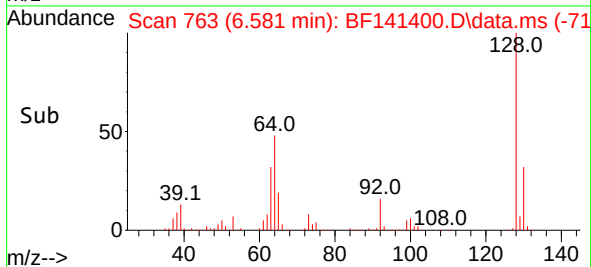
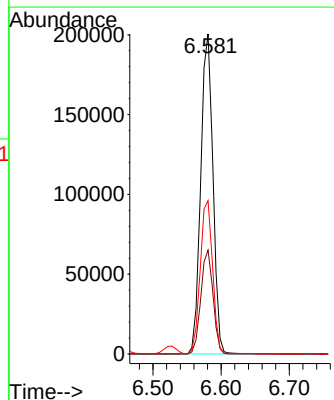
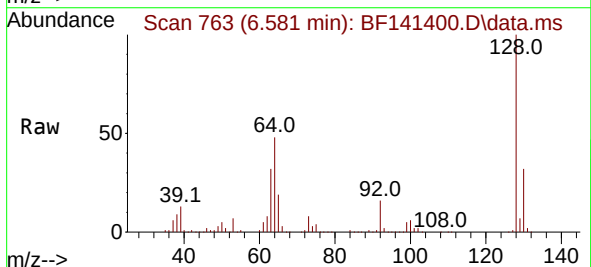
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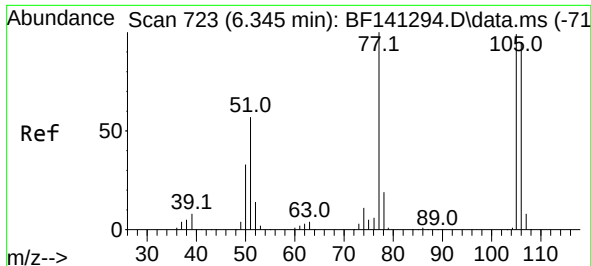
Tgt Ion: 99 Resp: 864984
Ion Ratio Lower Upper
99 100
42 22.7 17.1 25.7
71 37.4 26.9 40.3



#8
2-Chlorophenol
Concen: 46.776 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:128 Resp: 250036
Ion Ratio Lower Upper
128 100
130 32.4 12.5 52.5
64 47.9 32.9 72.9

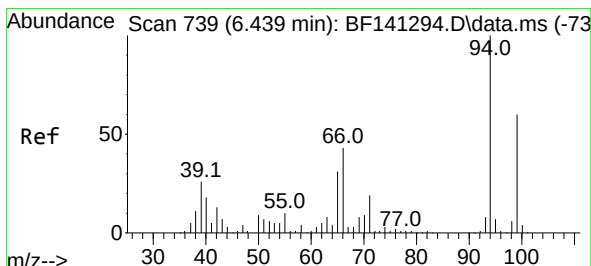
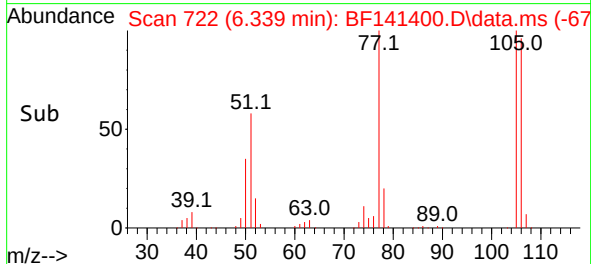
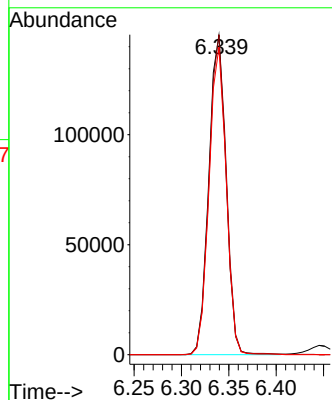
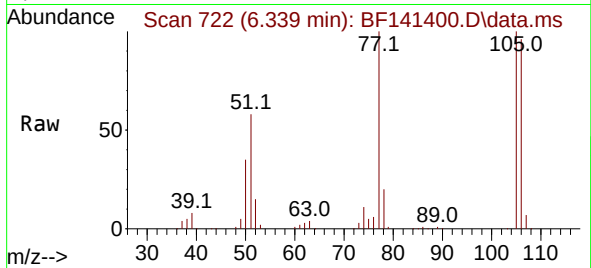




#9
Benzaldehyde
Concen: 49.803 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.012 min
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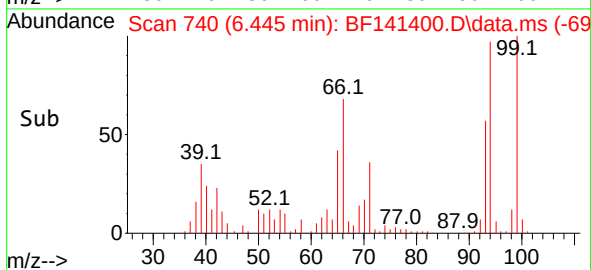
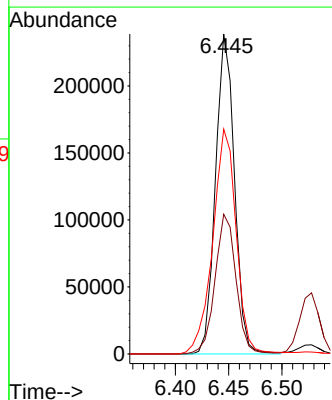
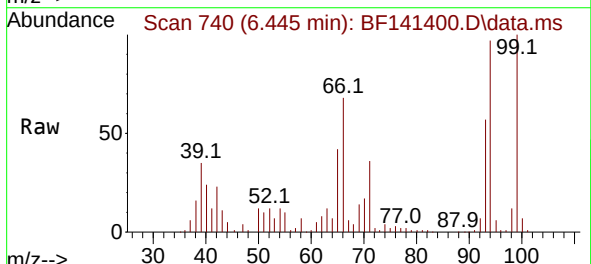
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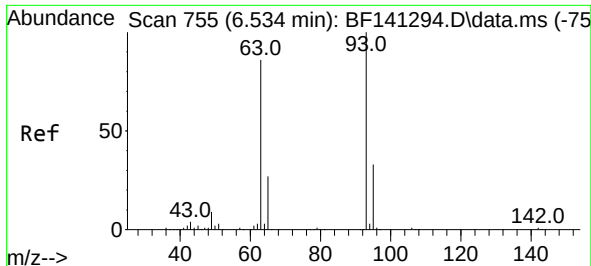
Tgt Ion: 77 Resp: 183018
Ion Ratio Lower Upper
77 100
105 100.3 79.4 119.4
106 96.3 74.6 114.6



#10
Phenol
Concen: 43.849 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 294895
Ion Ratio Lower Upper
94 100
65 43.7 10.8 50.8
66 70.3 23.3 63.3#

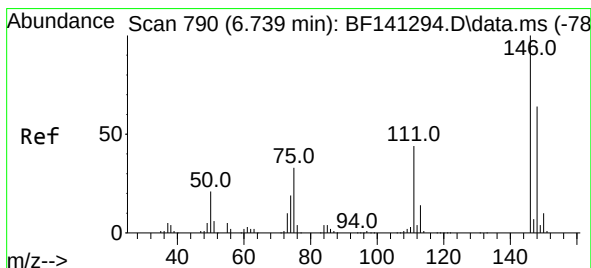
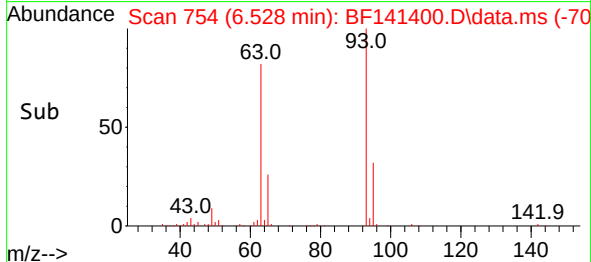
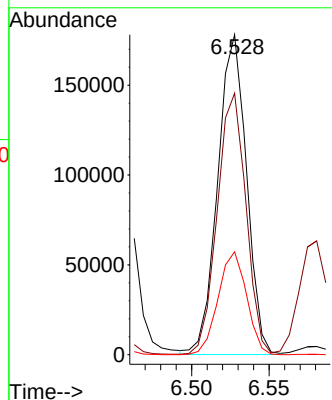
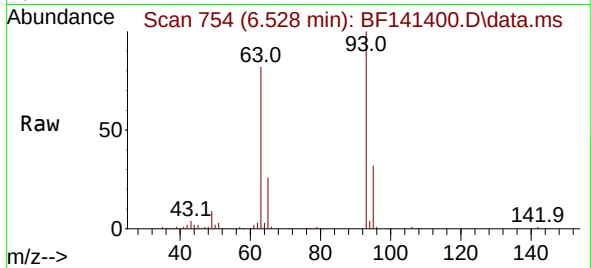




#11
bis(2-Chloroethyl)ether
Concen: 44.643 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.018 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

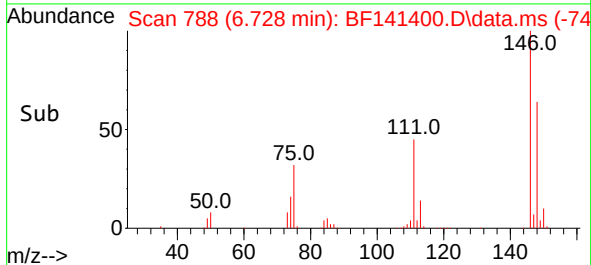
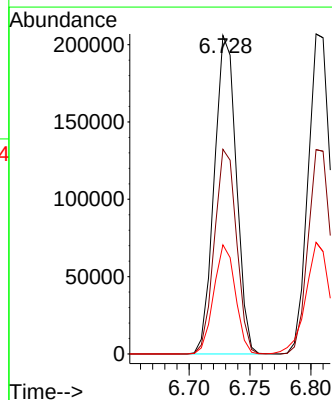
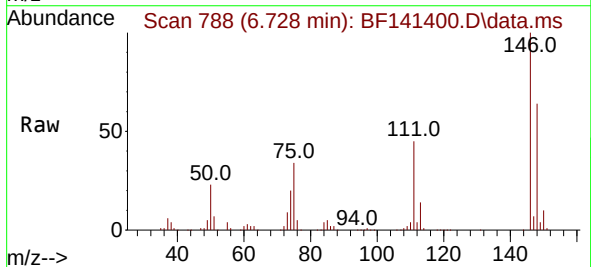
Instrument :
BNA_F
ClientSampleId :
PB166483BS

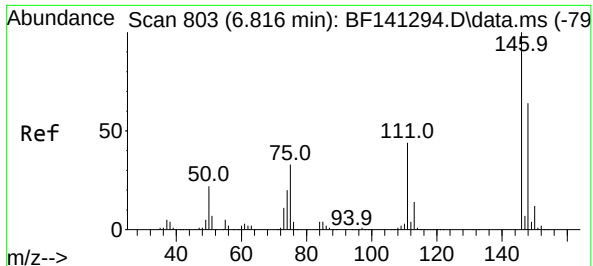
Tgt Ion: 93 Resp: 230207
Ion Ratio Lower Upper
93 100
63 81.7 65.0 105.0
95 32.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 43.982 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.018 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion: 146 Resp: 259221
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
75 34.3 26.2 39.4

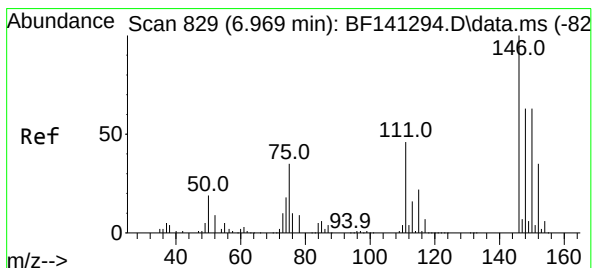
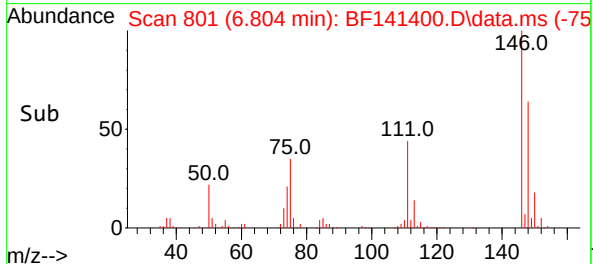
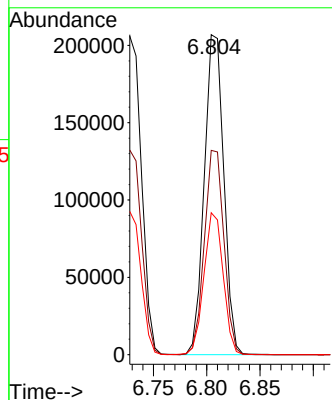
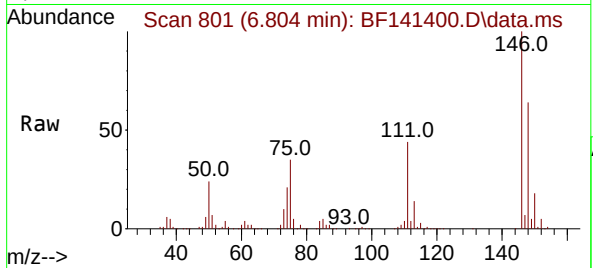




#13
1,4-Dichlorobenzene
Concen: 44.675 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.018 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

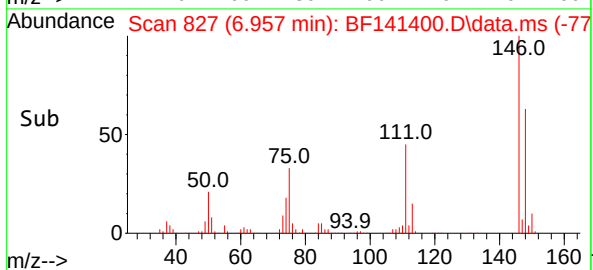
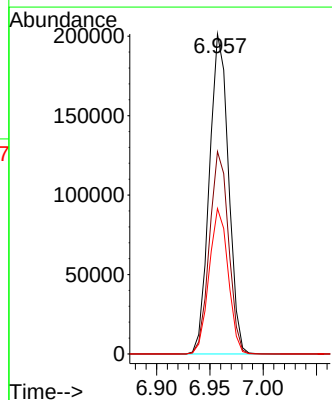
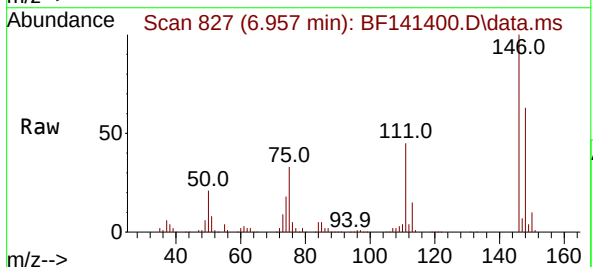
Instrument :
BNA_F
ClientSampleId :
PB166483BS

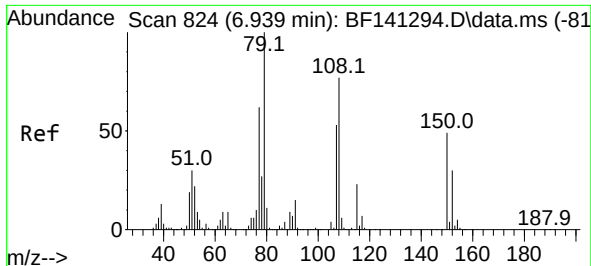
Tgt Ion:146 Resp: 264519
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
111 44.4 35.0 52.4



#14
1,2-Dichlorobenzene
Concen: 45.488 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.018 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:146 Resp: 252196
Ion Ratio Lower Upper
146 100
148 63.2 50.5 75.7
111 45.4 36.6 55.0

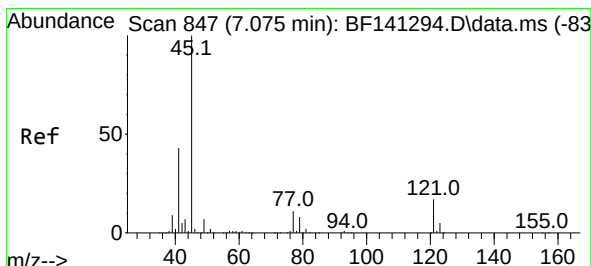
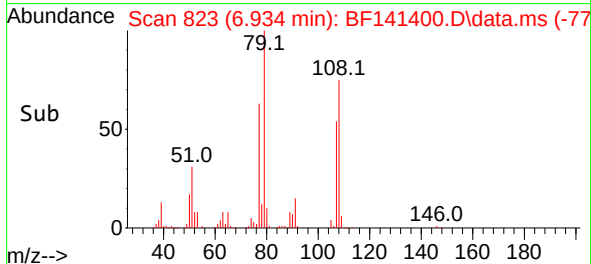
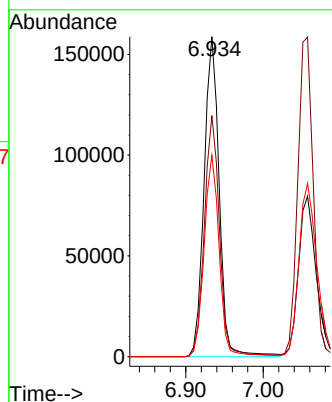
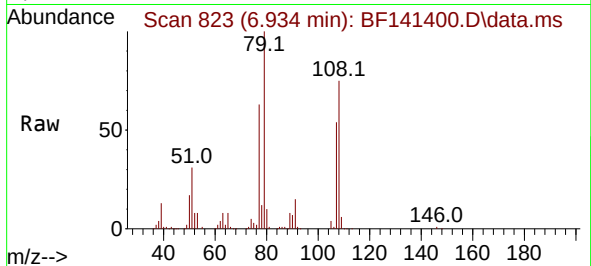




#15
Benzyl Alcohol
Concen: 49.572 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

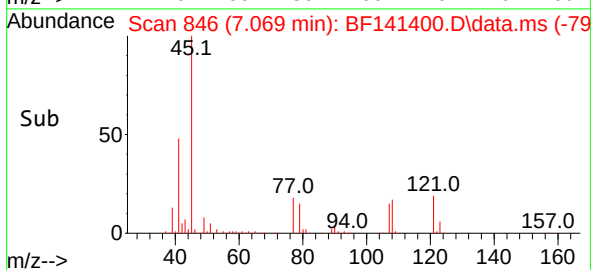
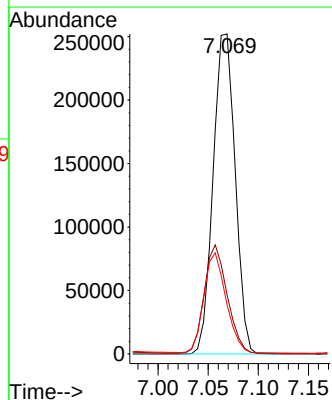
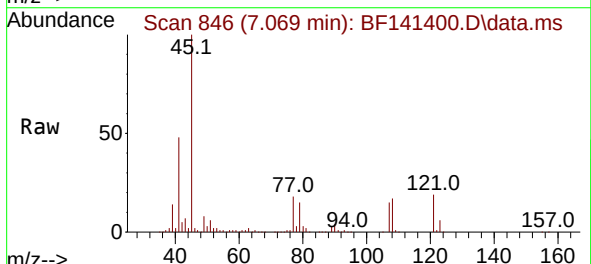
Instrument :
BNA_F
ClientSampleId :
PB166483BS

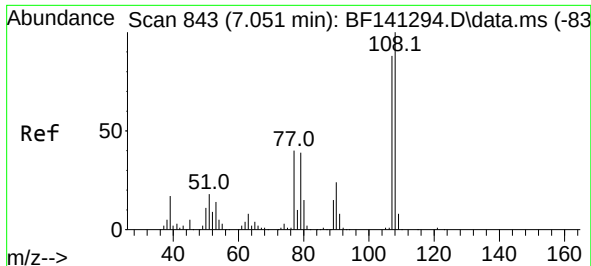
Tgt Ion: 79 Resp: 214928
Ion Ratio Lower Upper
79 100
108 75.4 61.4 92.0
77 62.9 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.032 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

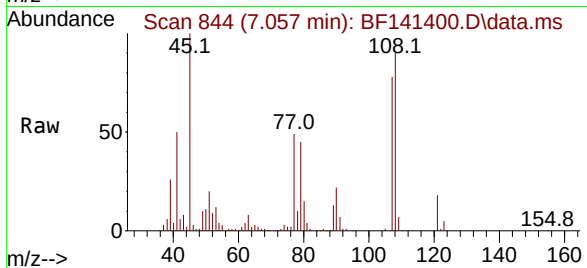
Tgt Ion: 45 Resp: 385864
Ion Ratio Lower Upper
45 100
77 18.5 0.0 31.8
79 15.3 0.0 29.1



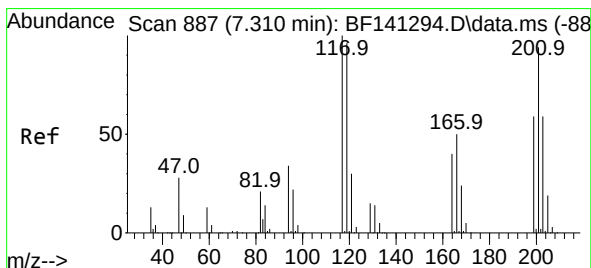
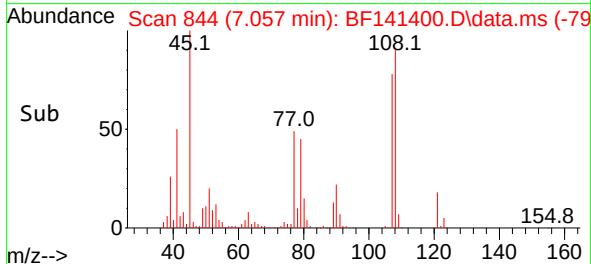
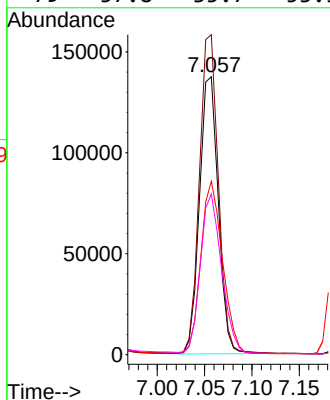


#17
2-Methylphenol
Concen: 43.580 ng
RT: 7.057 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :
BNA_F
ClientSampleId :
PB166483BS

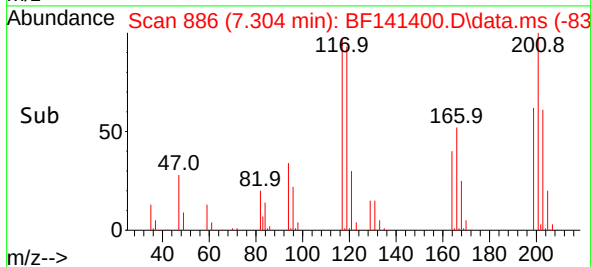
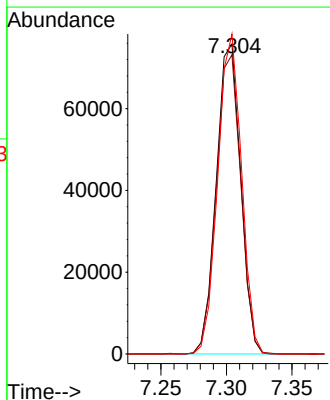
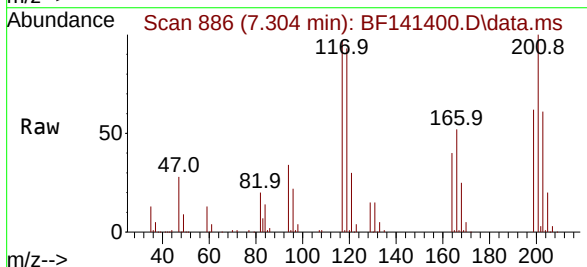


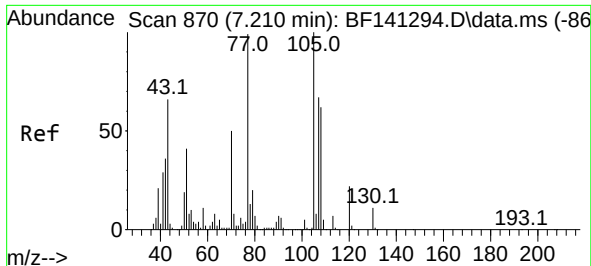
Tgt Ion:107 Resp: 189327
Ion Ratio Lower Upper
107 100
108 115.2 90.8 136.2
77 62.4 36.2 54.4#
79 57.8 35.7 53.5#



#18
Hexachloroethane
Concen: 44.959 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:117 Resp: 98203
Ion Ratio Lower Upper
117 100
119 96.5 76.6 114.8
201 103.2 74.8 112.2

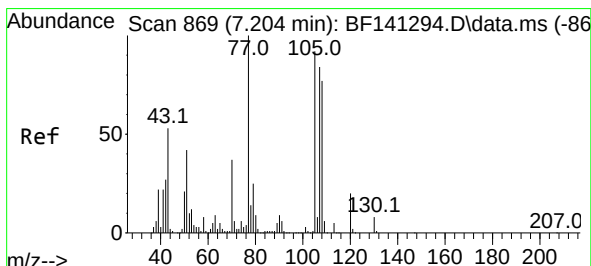
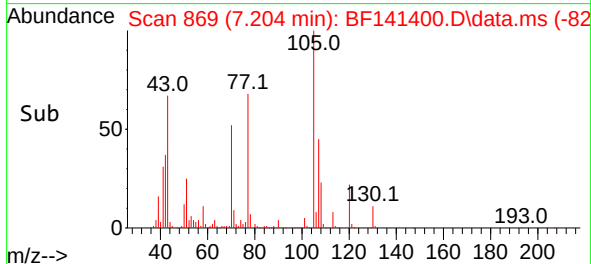
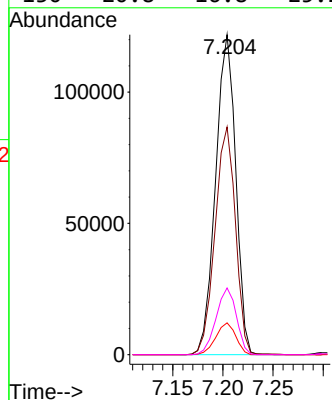
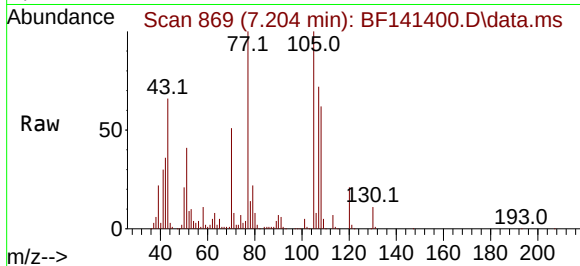




#19
n-Nitroso-di-n-propylamine
Concen: 45.062 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.024 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

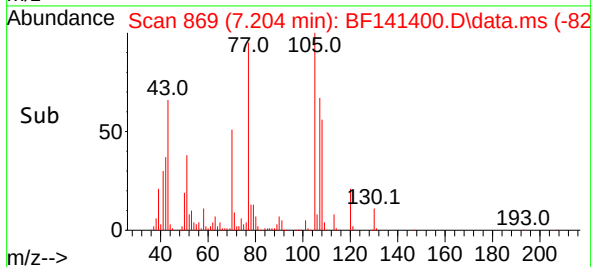
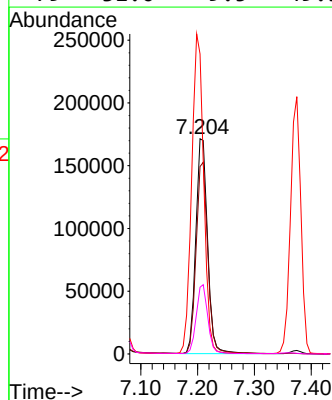
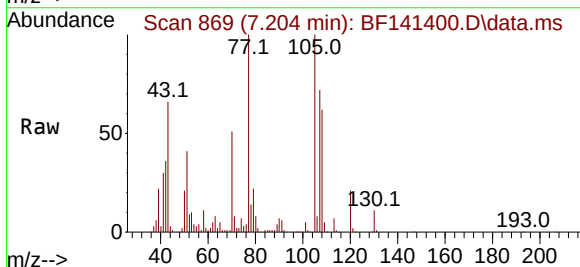
Instrument :
BNA_F
ClientSampleId :
PB166483BS

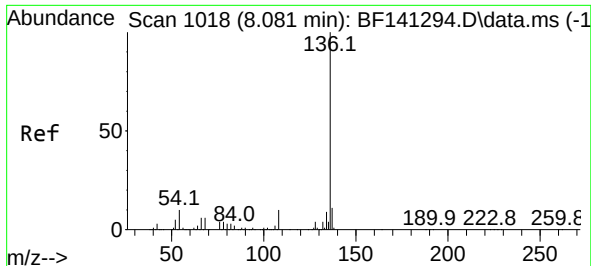
Tgt Ion: 70 Resp: 169876
Ion Ratio Lower Upper
70 100
42 71.1 56.8 85.2
101 10.0 7.7 11.5
130 20.8 16.8 25.2



#20
3+4-Methylphenols
Concen: 46.382 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:107 Resp: 247410
Ion Ratio Lower Upper
107 100
108 87.0 70.9 110.9
77 139.4 98.5 138.5#
79 31.0 9.5 49.5



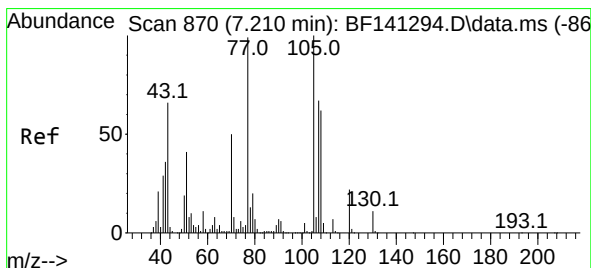
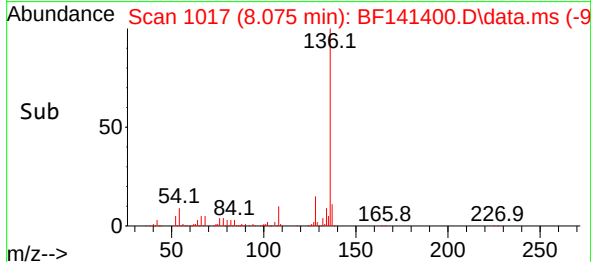
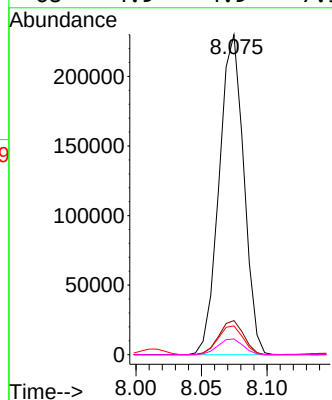
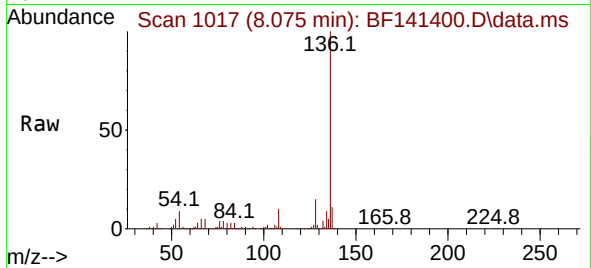


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :
BNA_F
ClientSampleId :
PB166483BS

Tgt Ion:136 Resp: 300075

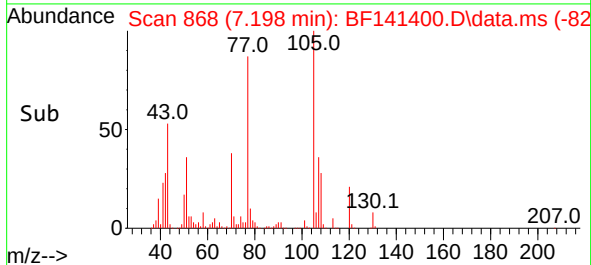
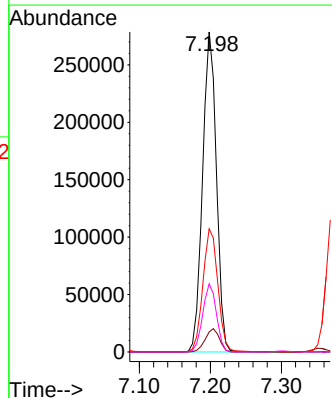
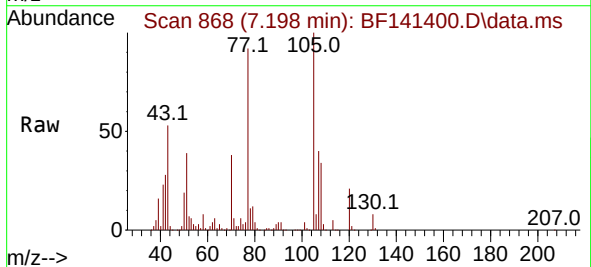
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.0	7.8	11.8
68	4.9	4.9	7.3

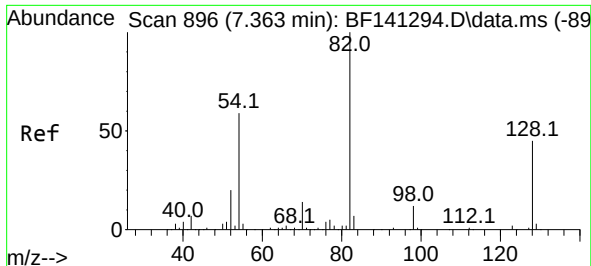


#22
Acetophenone
Concen: 52.989 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:105 Resp: 377957

Ion	Ratio	Lower	Upper
105	100		
71	6.3	6.8	10.2#
51	38.5	32.6	49.0
120	21.3	17.4	26.0





#23

Nitrobenzene-d5

Concen: 100.387 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

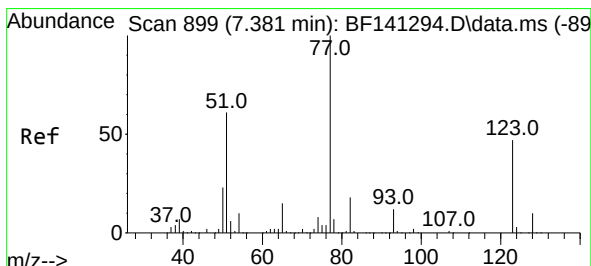
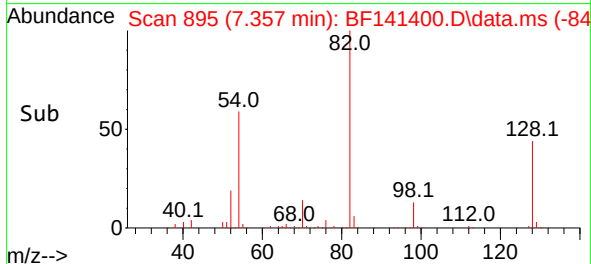
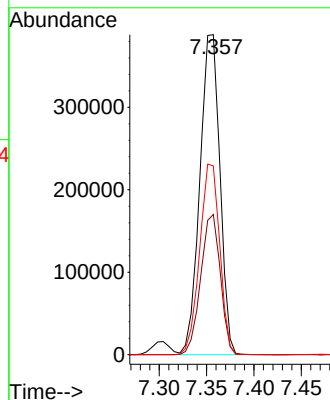
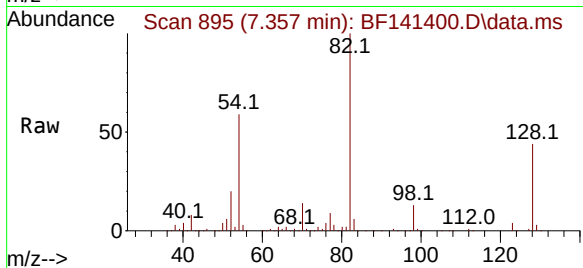
BNA_F

ClientSampleId :

PB166483BS

Tgt Ion: 82 Resp: 571426

Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.7	53.5
54	59.0	47.1	70.7



#24

Nitrobenzene

Concen: 43.769 ng

RT: 7.375 min Scan# 898

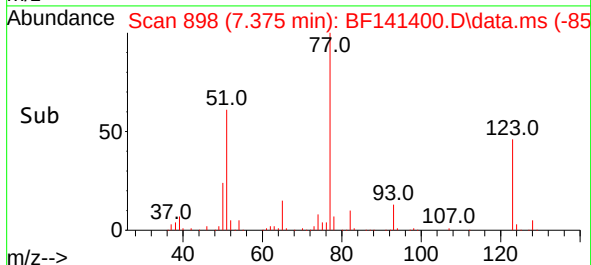
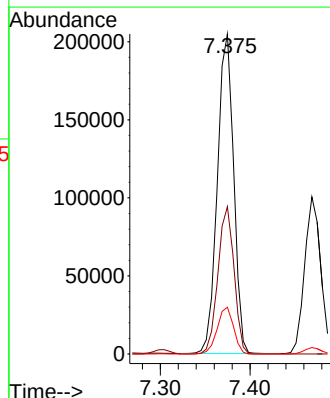
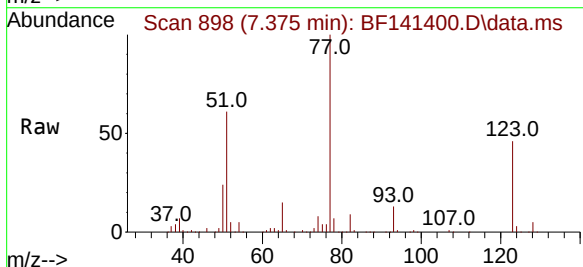
Delta R.T. -0.018 min

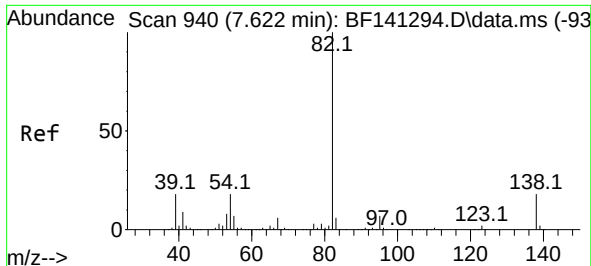
Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Tgt Ion: 77 Resp: 258189

Ion	Ratio	Lower	Upper
77	100		
123	46.1	37.3	55.9
65	14.6	11.8	17.6

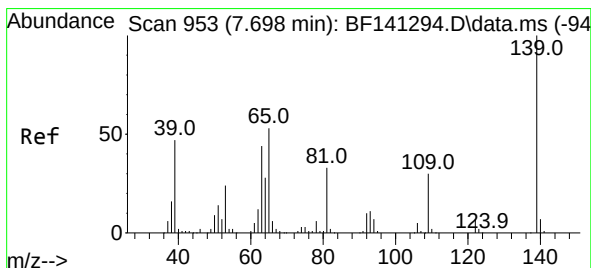
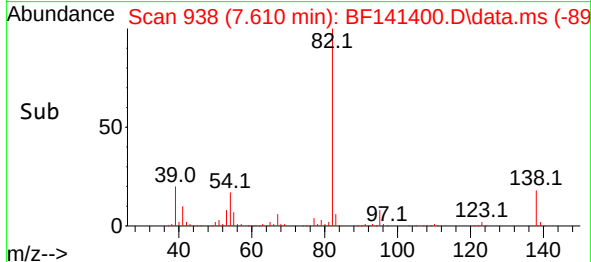
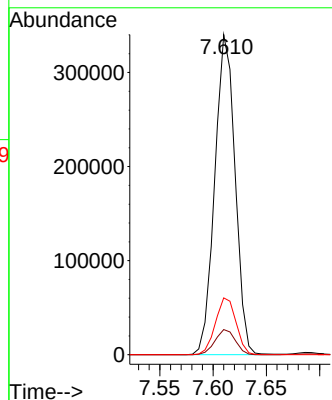
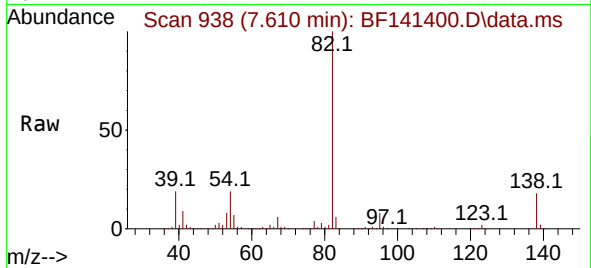




#25
Isophorone
Concen: 45.910 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.018 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

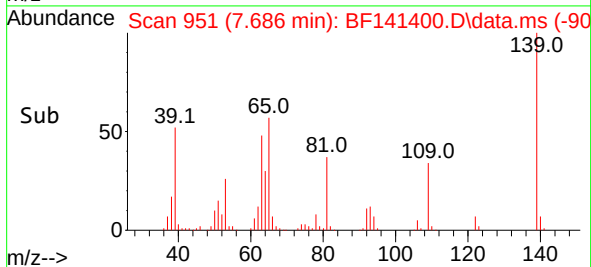
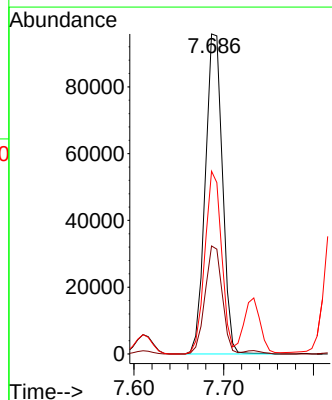
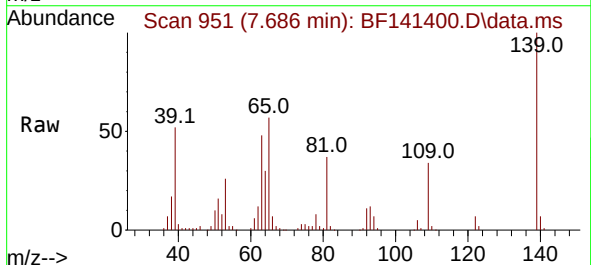
Instrument :
BNA_F
ClientSampleId :
PB166483BS

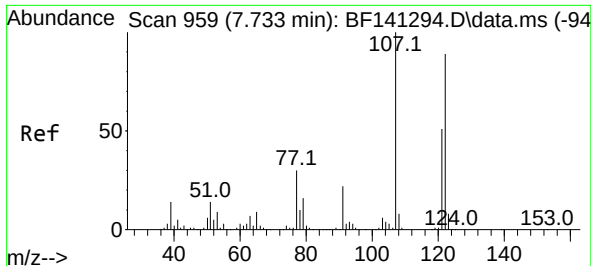
Tgt Ion: 82 Resp: 451737
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.6
138 17.8 14.7 22.1



#26
2-Nitrophenol
Concen: 45.730 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.018 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:139 Resp: 127221
Ion Ratio Lower Upper
139 100
109 33.8 23.8 35.6
65 57.1 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 54.399 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

PB166483BS

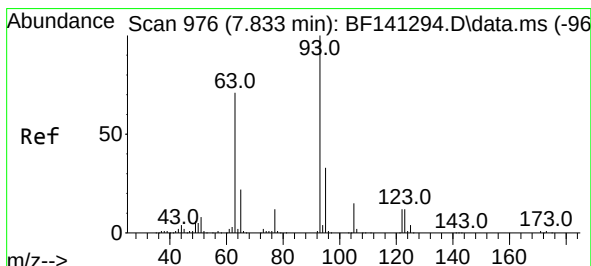
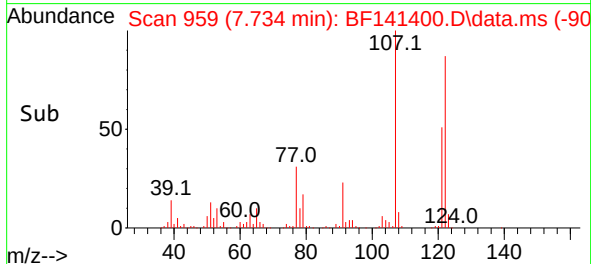
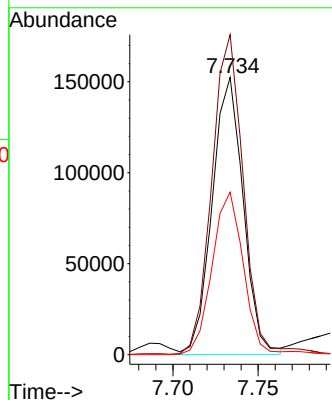
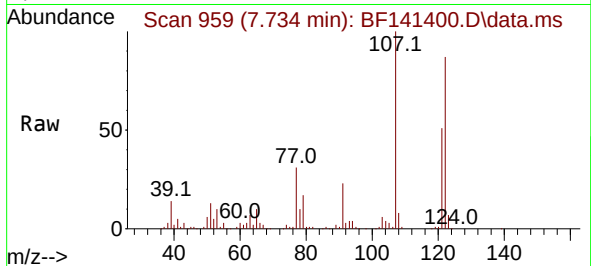
Tgt Ion:122 Resp: 192629

Ion Ratio Lower Upper

122 100

107 115.4 89.9 134.9

121 58.6 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 44.086 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.018 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

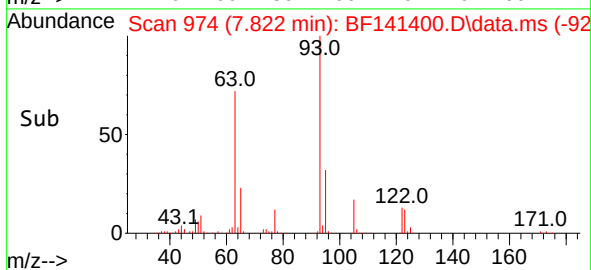
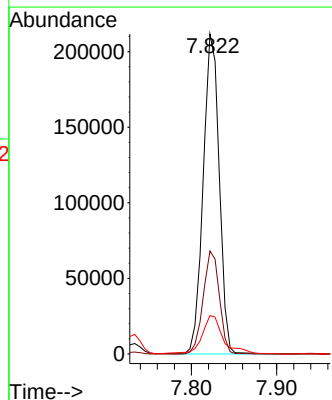
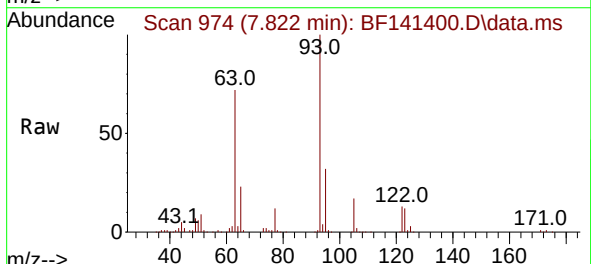
Tgt Ion: 93 Resp: 276699

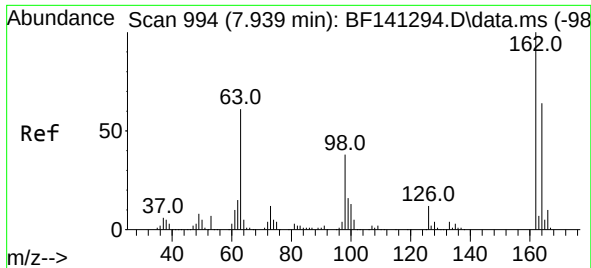
Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.2

123 12.0 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.249 ng

RT: 7.939 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141400.D

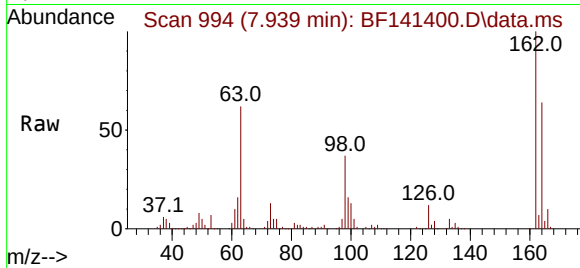
Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

PB166483BS



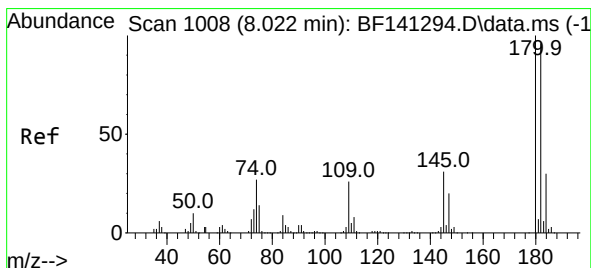
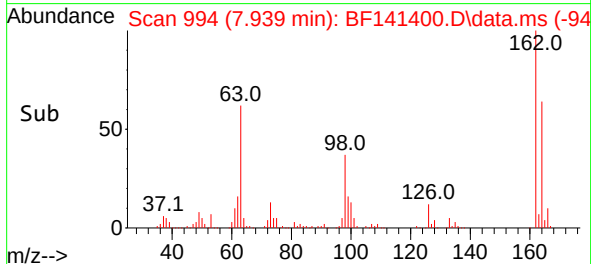
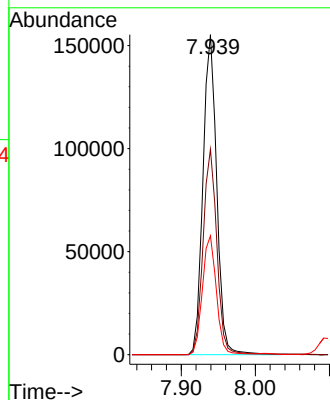
Tgt Ion:162 Resp: 200490

Ion Ratio Lower Upper

162 100

164 64.2 44.2 84.2

98 37.1 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 43.959 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

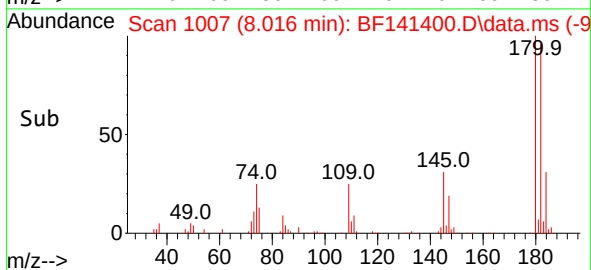
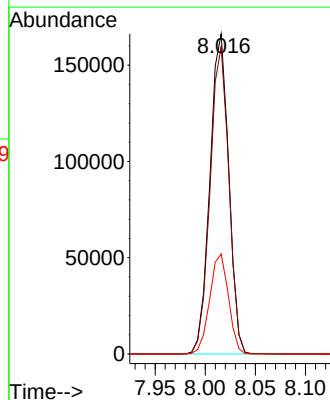
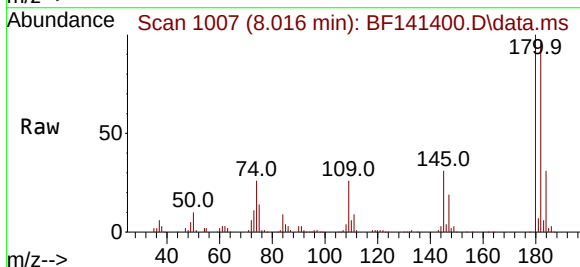
Tgt Ion:180 Resp: 217627

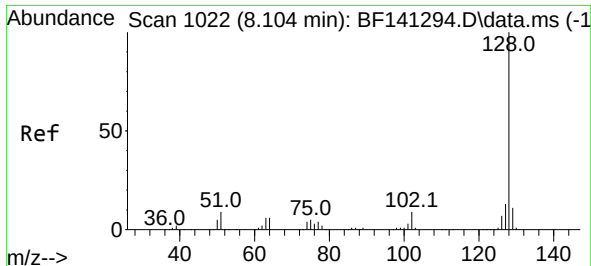
Ion Ratio Lower Upper

180 100

182 96.1 76.4 114.6

145 31.2 24.9 37.3

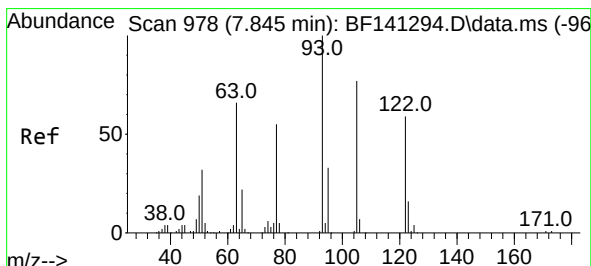
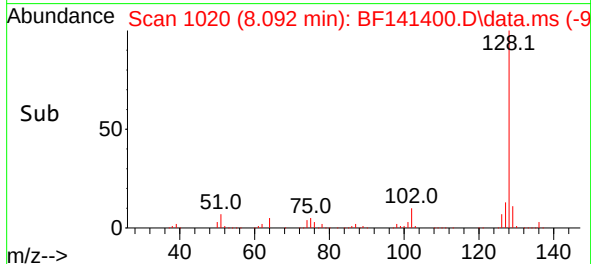
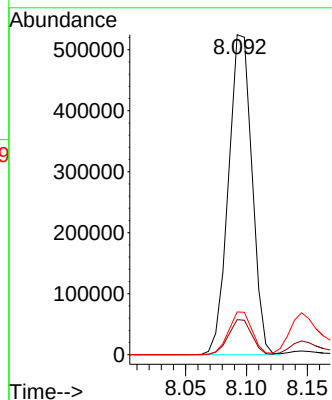
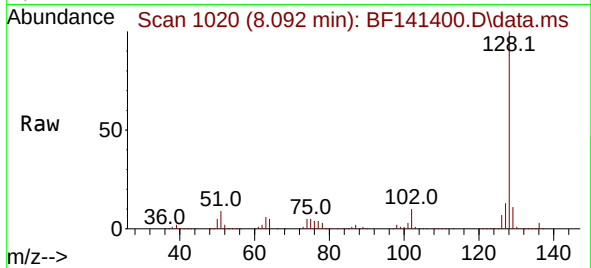




#31
Naphthalene
Concen: 44.503 ng
RT: 8.092 min Scan# 1022
Delta R.T. -0.018 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

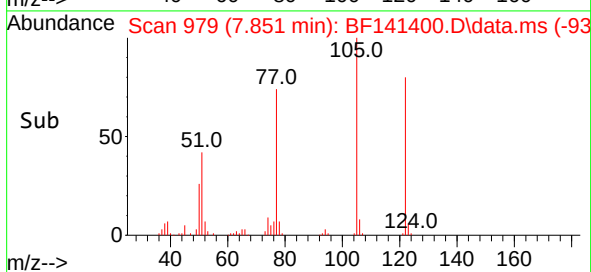
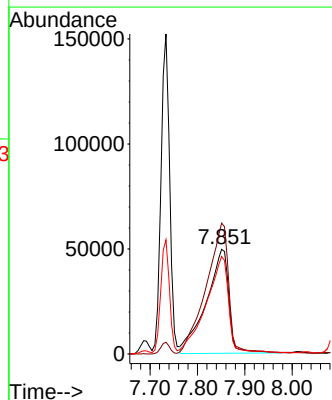
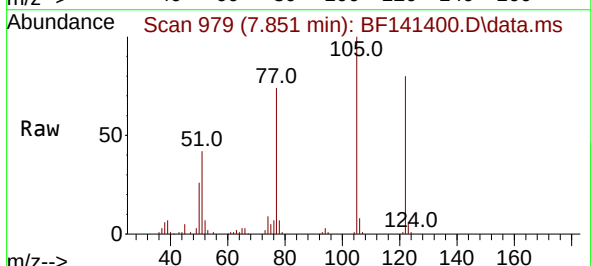
Instrument :
BNA_F
ClientSampleId :
PB166483BS

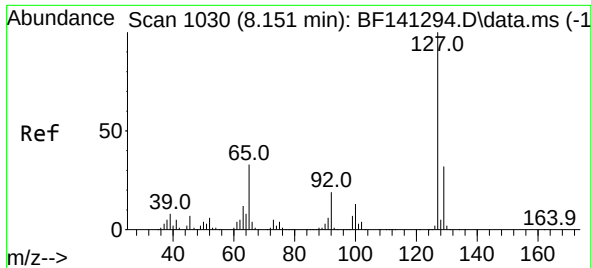
Tgt Ion:128 Resp: 705472
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 50.616 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.030 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:122 Resp: 164765
Ion Ratio Lower Upper
122 100
105 125.0 103.4 143.4
77 93.0 70.9 110.9

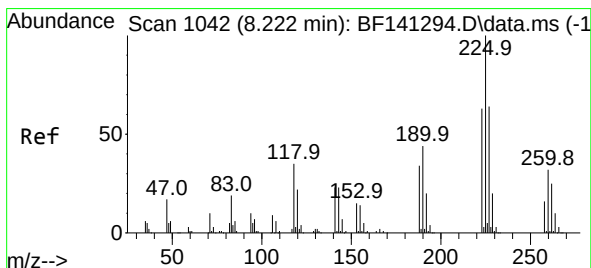
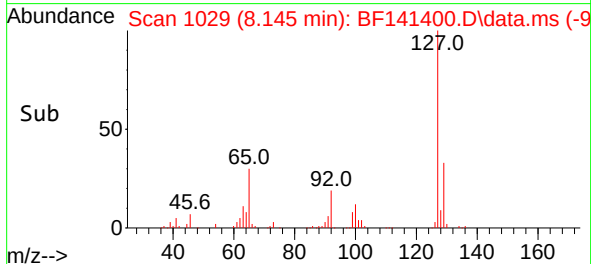
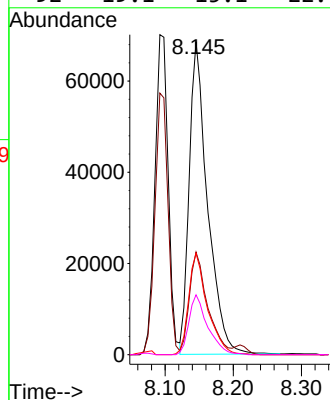
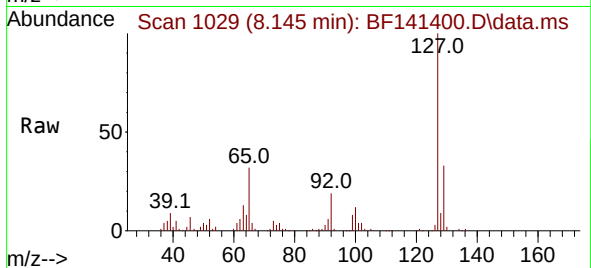




#33
4-Chloroaniline
Concen: 23.794 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

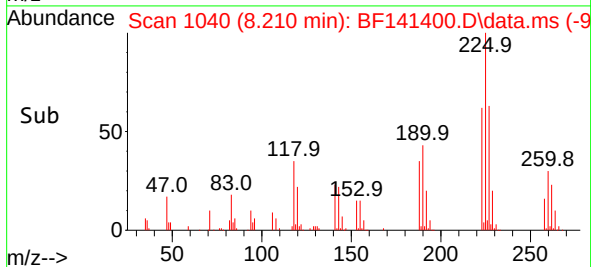
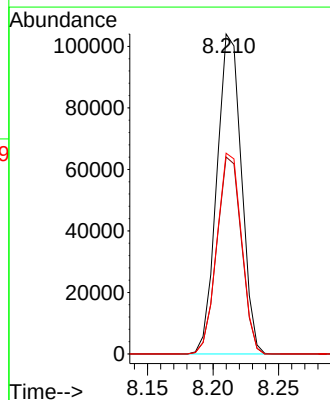
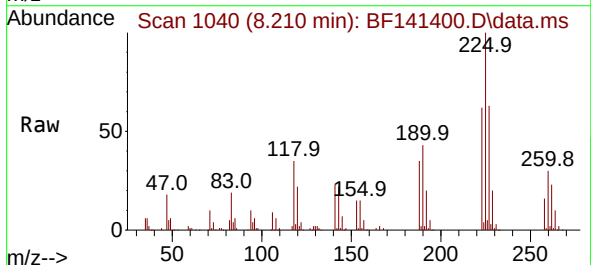
Instrument :
BNA_F
ClientSampleId :
PB166483BS

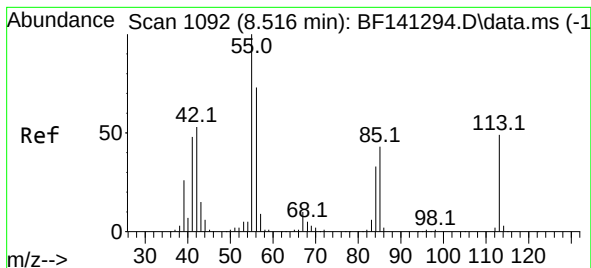
Tgt Ion:	127	Resp:	127904
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.7	38.5
65	32.4	26.4	39.6
92	19.1	15.1	22.7



#34
Hexachlorobutadiene
Concen: 46.609 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:	225	Resp:	135320
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.4	75.6
227	62.8	51.3	76.9





#35

Caprolactam

Concen: 20.931 ng

RT: 8.545 min Scan# 1109

Delta R.T. -0.000 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

PB166483BS

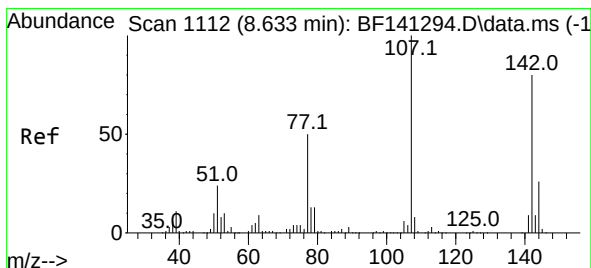
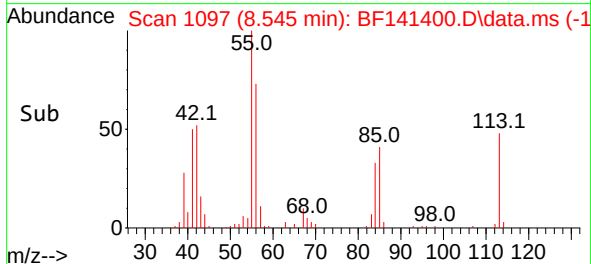
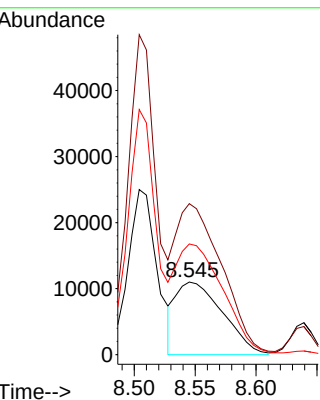
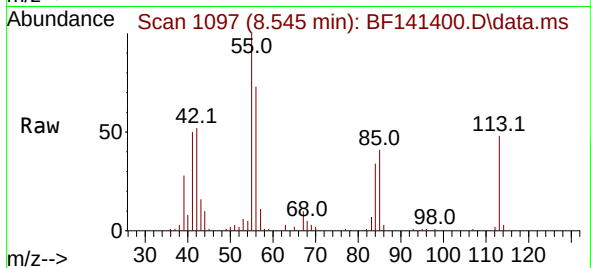
Tgt Ion:113 Resp: 29634

Ion Ratio Lower Upper

113 100

55 208.2 182.9 222.9

56 152.6 127.9 167.9



#36

4-Chloro-3-methylphenol

Concen: 47.587 ng

RT: 8.639 min Scan# 1113

Delta R.T. -0.000 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

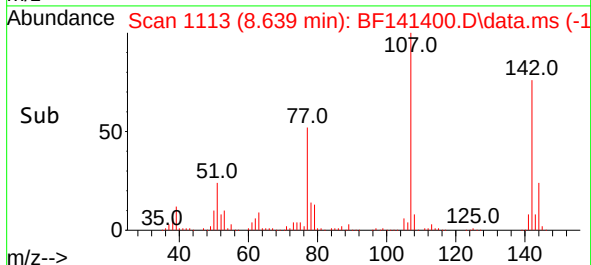
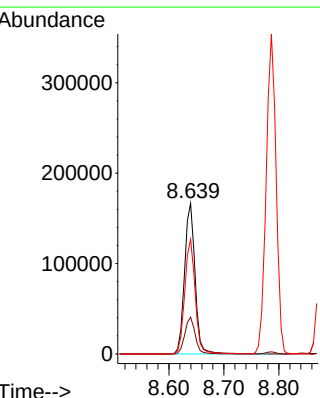
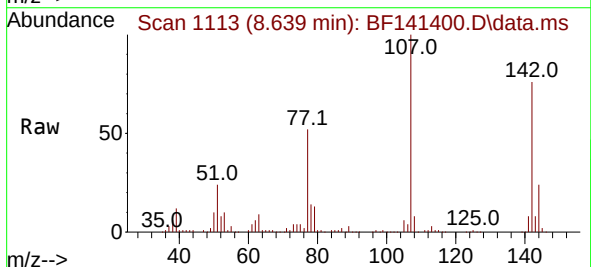
Tgt Ion:107 Resp: 221277

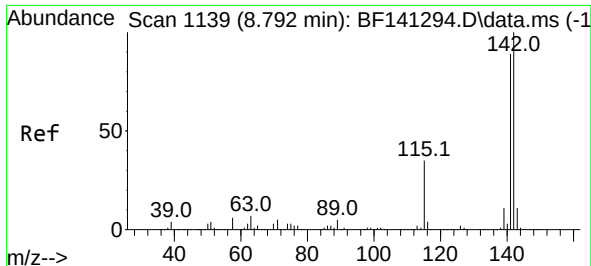
Ion Ratio Lower Upper

107 100

144 24.4 20.7 31.1

142 76.1 63.8 95.8





#37

2-Methylnaphthalene

Concen: 44.150 ng

RT: 8.786 min Scan# 1138

Delta R.T. -0.012 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

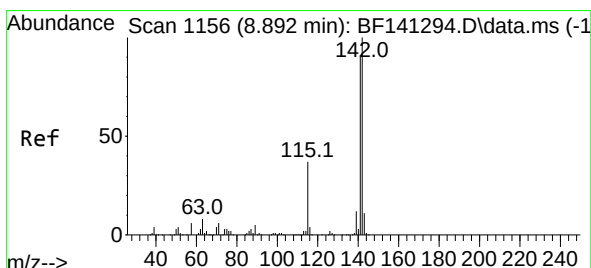
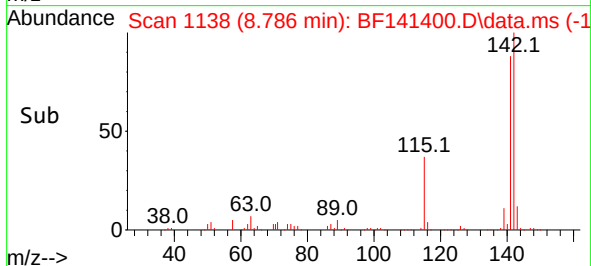
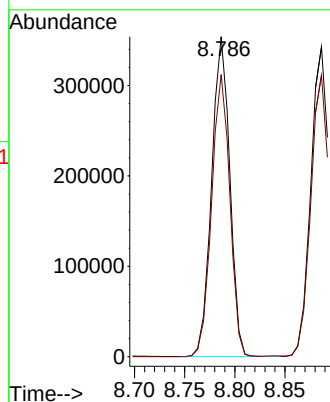
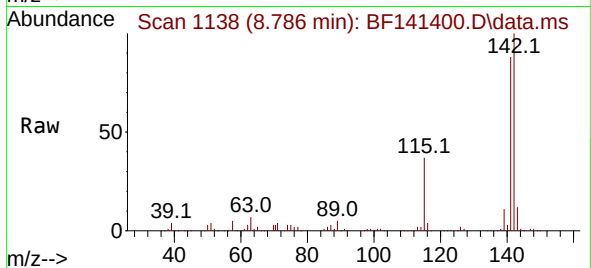
PB166483BS

Tgt Ion:142 Resp: 444828

Ion Ratio Lower Upper

142 100

141 88.2 71.3 106.9



#38

1-Methylnaphthalene

Concen: 43.993 ng

RT: 8.886 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BF141400.D

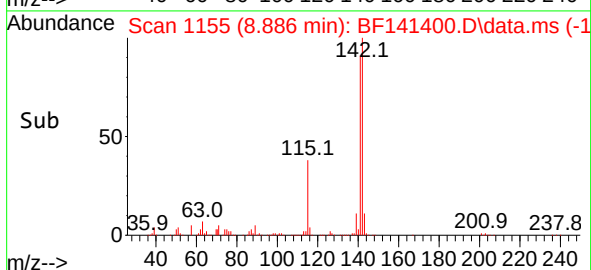
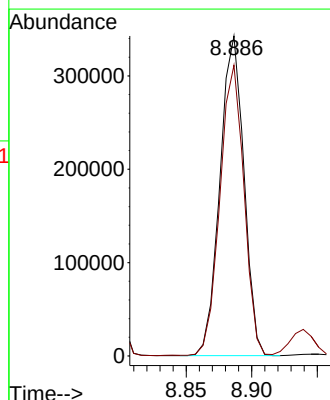
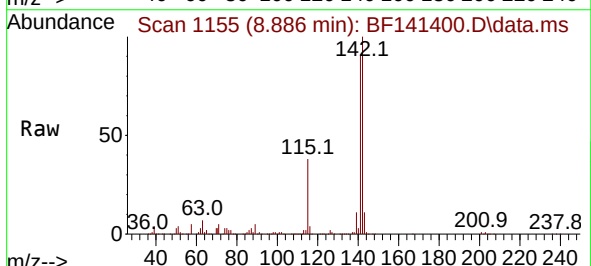
Acq: 04 Feb 2025 11:35

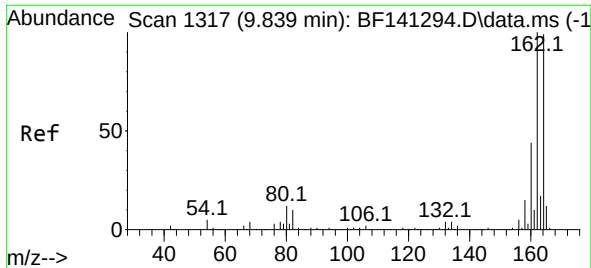
Tgt Ion:142 Resp: 435401

Ion Ratio Lower Upper

142 100

141 90.8 73.2 109.8

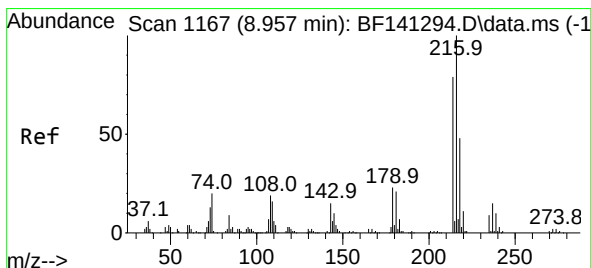
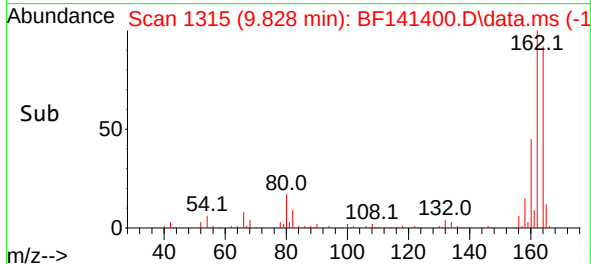
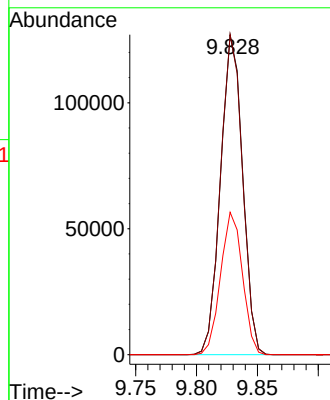
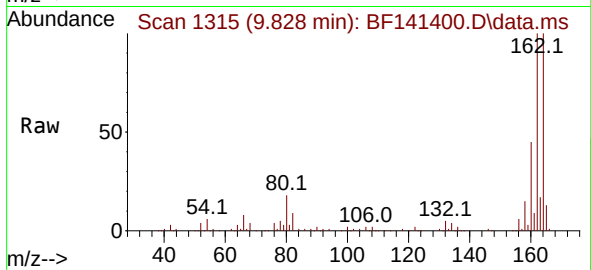




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

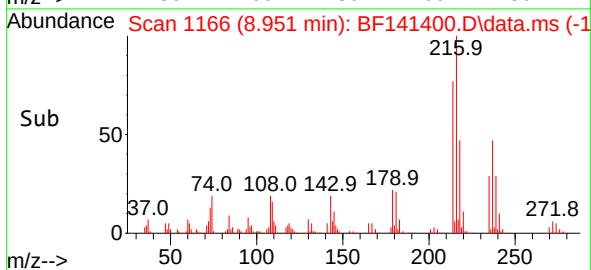
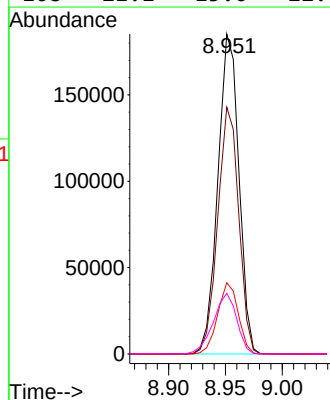
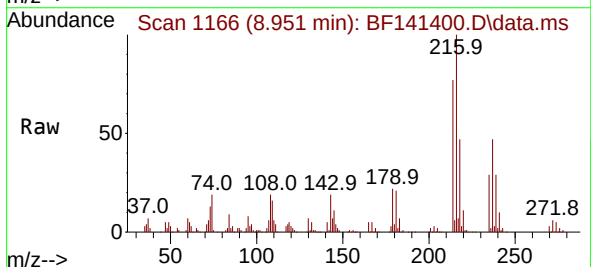
Instrument :
BNA_F
ClientSampleId :
PB166483BS

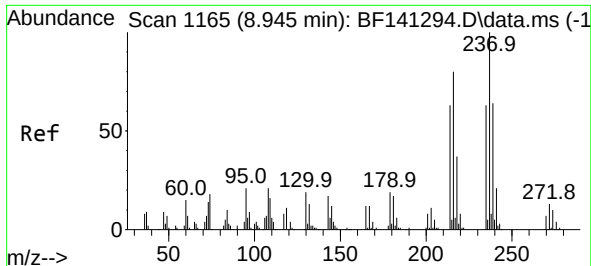
Tgt Ion:164 Resp: 160616
Ion Ratio Lower Upper
164 100
162 100.1 80.6 121.0
160 44.6 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.173 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

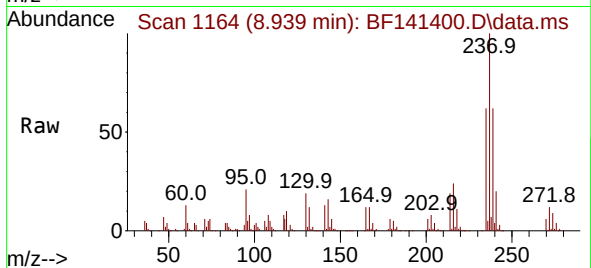
Tgt Ion:216 Resp: 238396
Ion Ratio Lower Upper
216 100
214 77.1 63.2 94.8
179 21.8 17.8 26.8
108 21.1 15.0 22.6



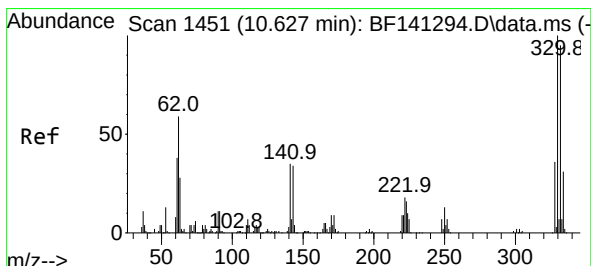
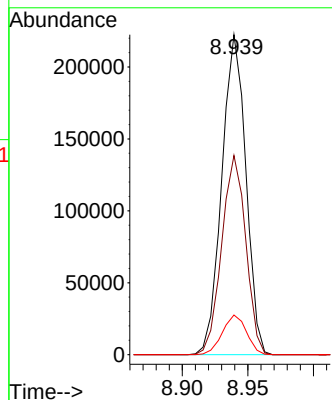
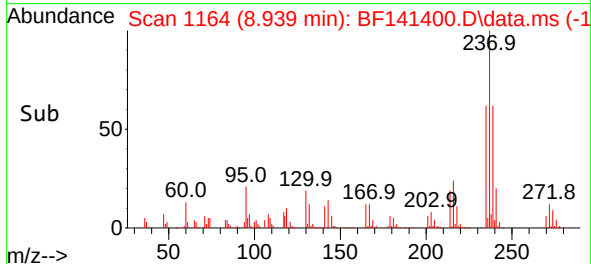


#41
Hexachlorocyclopentadiene
Concen: 210.110 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

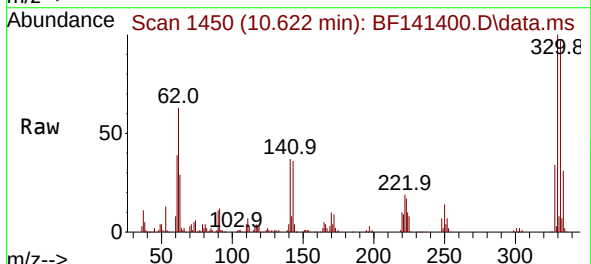
Instrument :
BNA_F
ClientSampleId :
PB166483BS



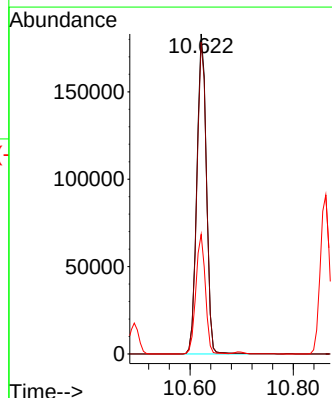
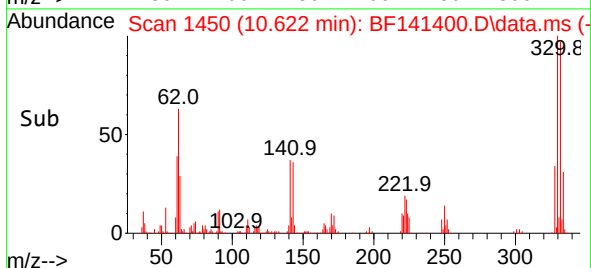
Tgt Ion:237 Resp: 283535
Ion Ratio Lower Upper
237 100
235 62.3 42.9 82.9
272 12.4 0.0 32.8

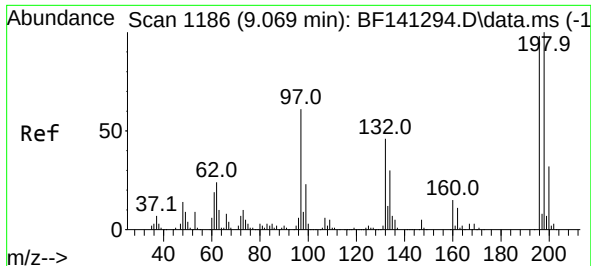


#42
2,4,6-Tribromophenol
Concen: 159.869 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35



Tgt Ion:330 Resp: 235403
Ion Ratio Lower Upper
330 100
332 97.7 76.1 114.1
141 37.1 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 47.523 ng

RT: 9.069 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

PB166483BS

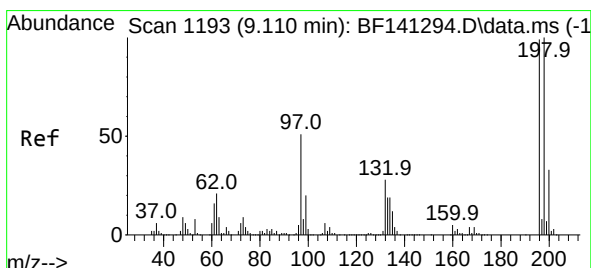
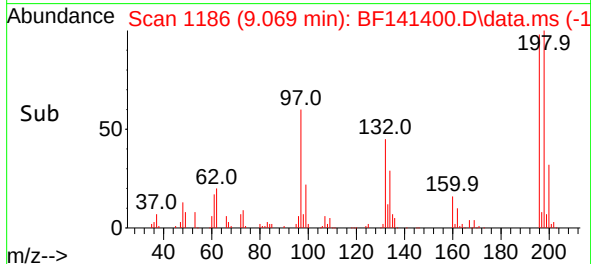
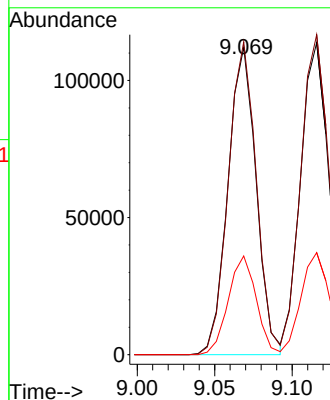
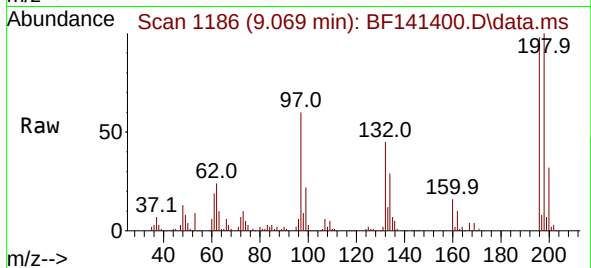
Tgt Ion:196 Resp: 142131

Ion Ratio Lower Upper

196 100

198 101.7 81.8 122.6

200 32.1 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 45.768 ng

RT: 9.116 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Tgt Ion:196 Resp: 148982

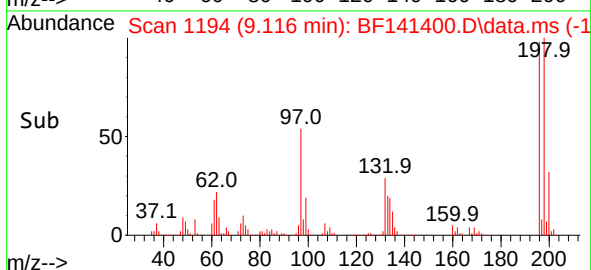
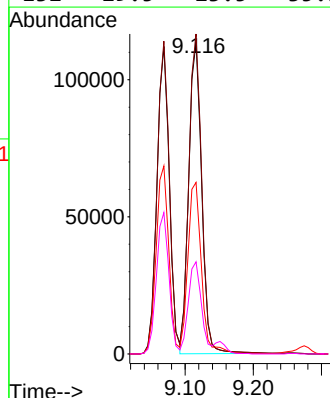
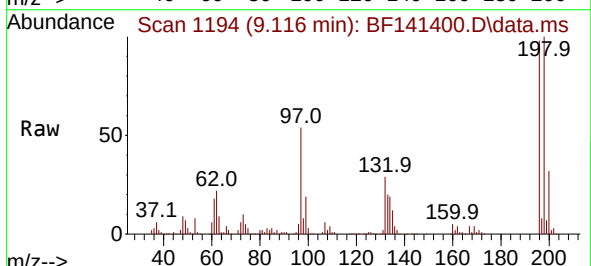
Ion Ratio Lower Upper

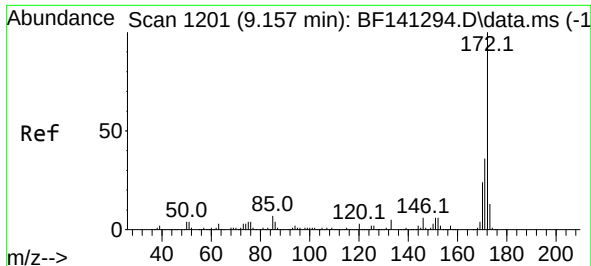
196 100

198 102.5 80.5 120.7

97 55.0 42.8 64.2

132 29.5 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 100.460 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

PB166483BS

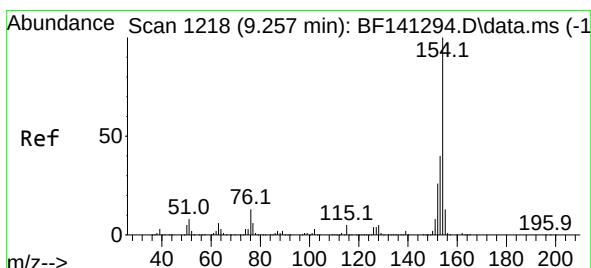
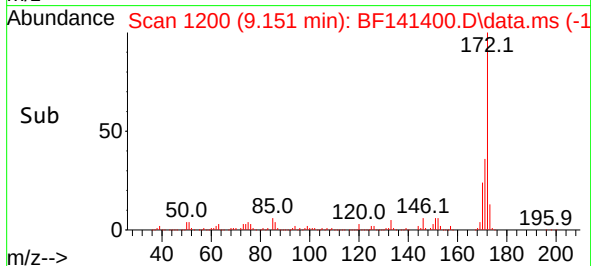
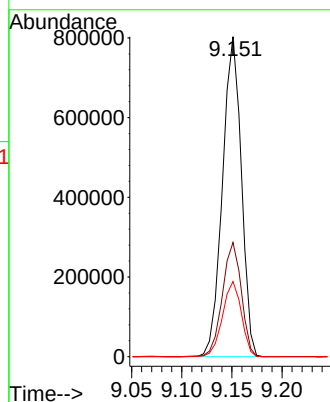
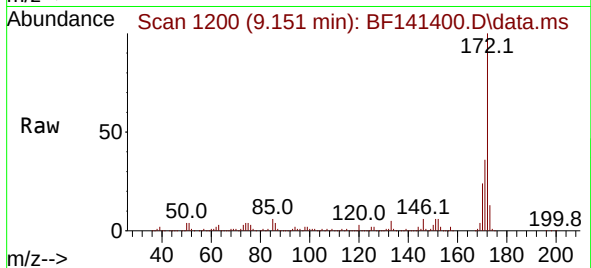
Tgt Ion:172 Resp: 1048310

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 50.785 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.012 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

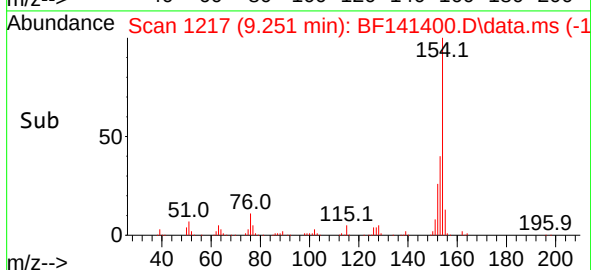
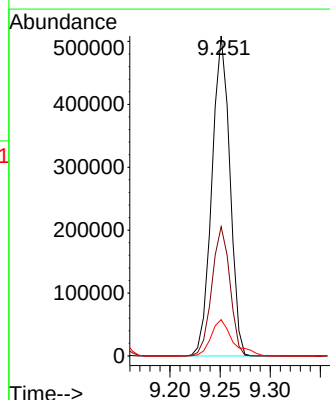
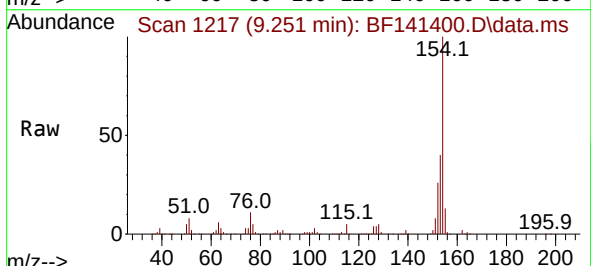
Tgt Ion:154 Resp: 636137

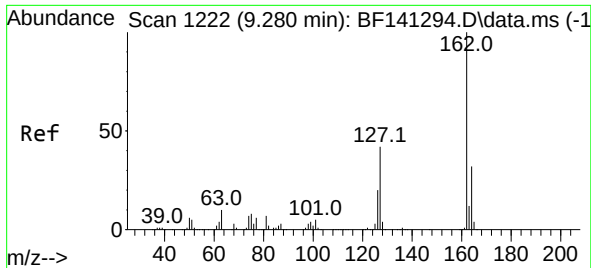
Ion Ratio Lower Upper

154 100

153 40.4 20.0 60.0

76 11.3 0.0 32.8

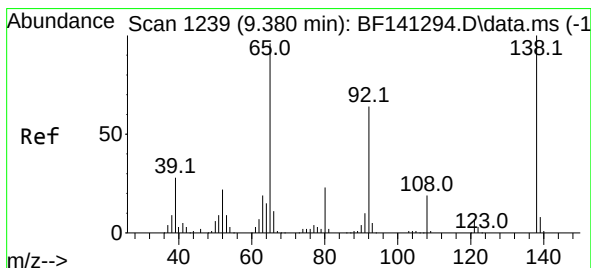
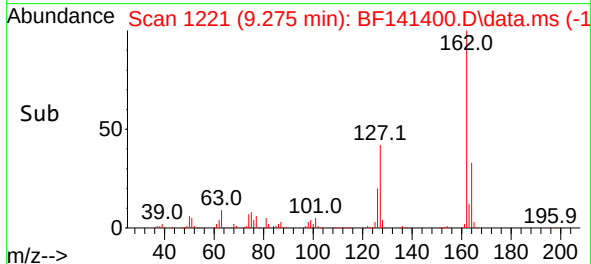
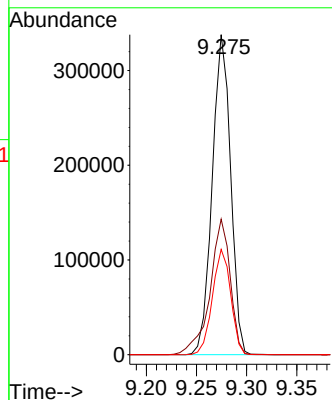
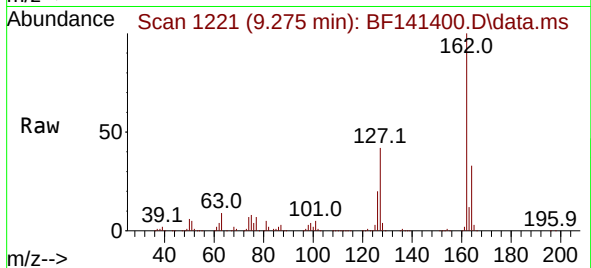




#47
2-Chloronaphthalene
Concen: 44.160 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

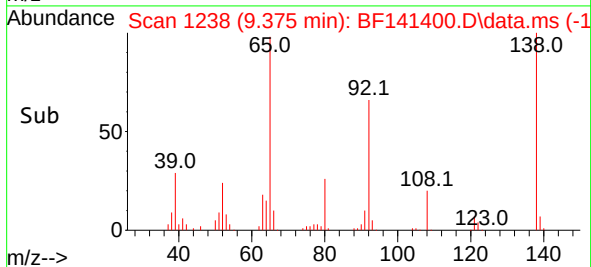
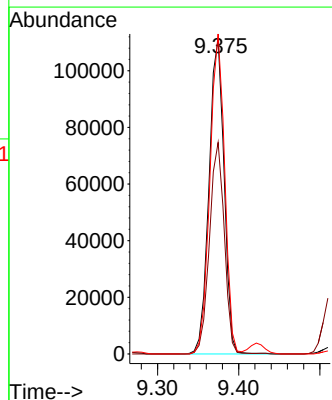
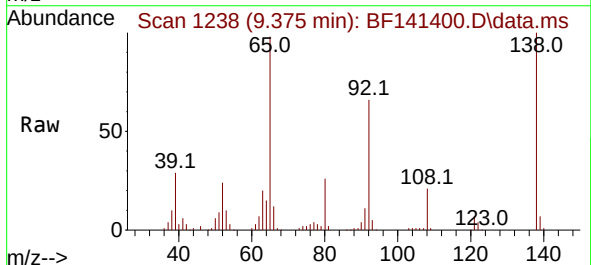
Instrument :
BNA_F
ClientSampleId :
PB166483BS

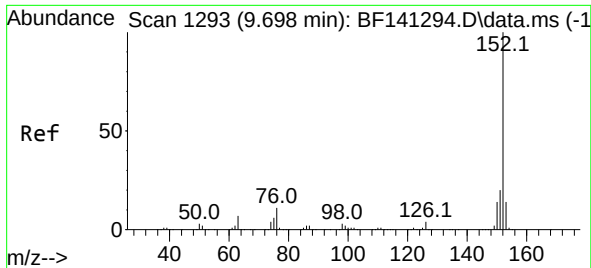
Tgt Ion:162 Resp: 431150
Ion Ratio Lower Upper
162 100
127 42.3 33.7 50.5
164 32.9 25.9 38.9



#48
2-Nitroaniline
Concen: 46.592 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion: 65 Resp: 143083
Ion Ratio Lower Upper
65 100
92 67.1 53.3 79.9
138 101.5 83.6 125.4

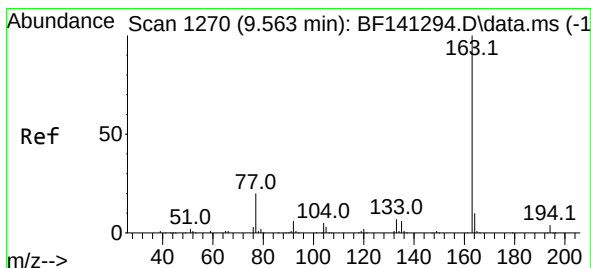
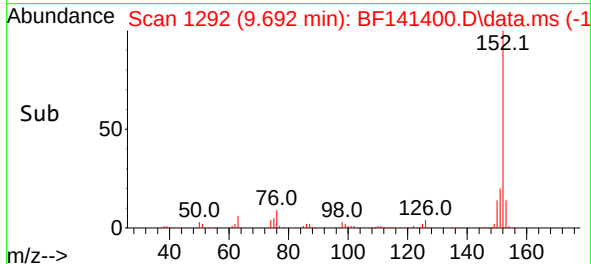
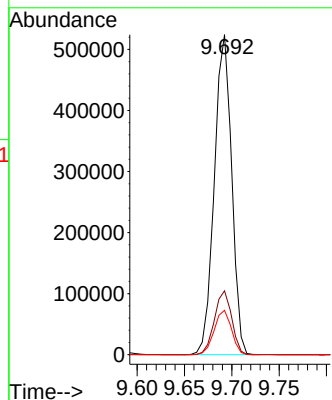
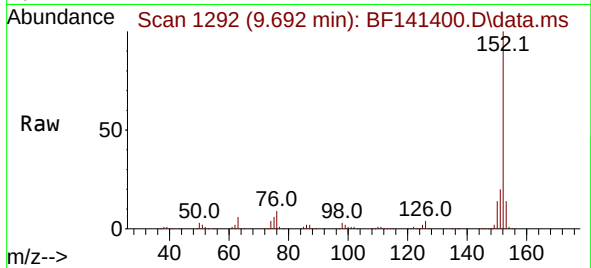




#49
Acenaphthylene
Concen: 48.777 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

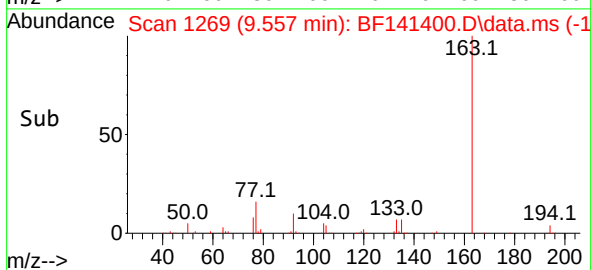
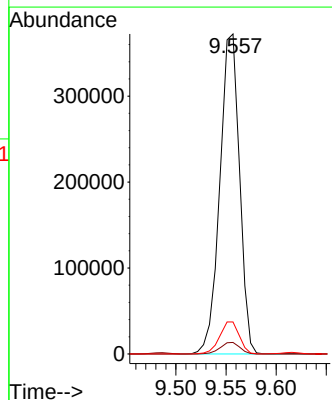
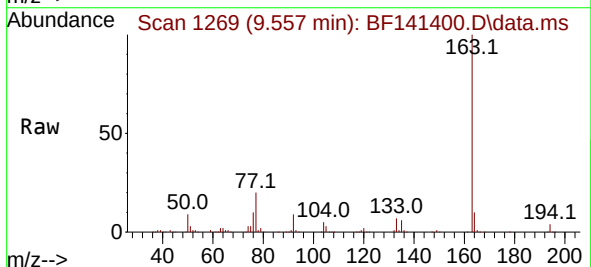
Instrument :
BNA_F
ClientSampleId :
PB166483BS

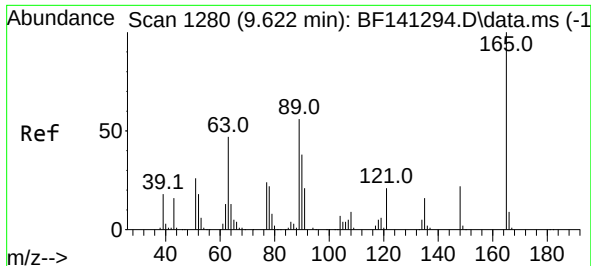
Tgt Ion:152 Resp: 666641
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.8 11.0 16.6



#50
Dimethylphthalate
Concen: 46.856 ng
RT: 9.557 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:163 Resp: 508293
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.0 8.0 12.0

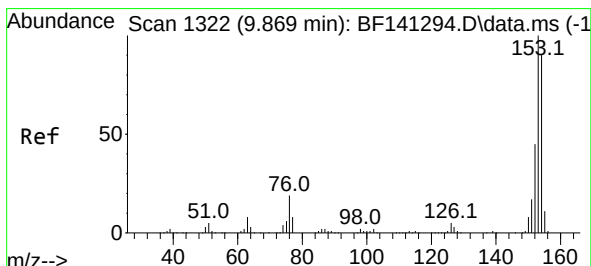
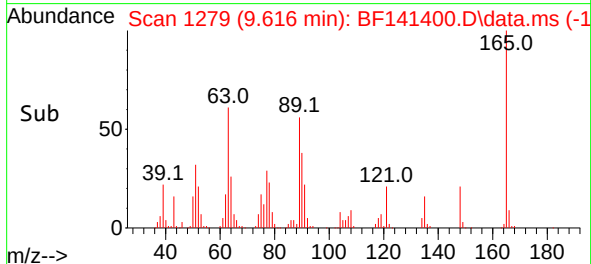
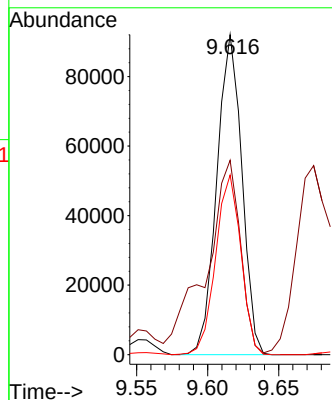
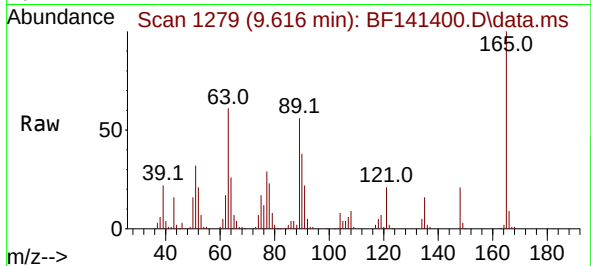




#51
2,6-Dinitrotoluene
Concen: 44.814 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

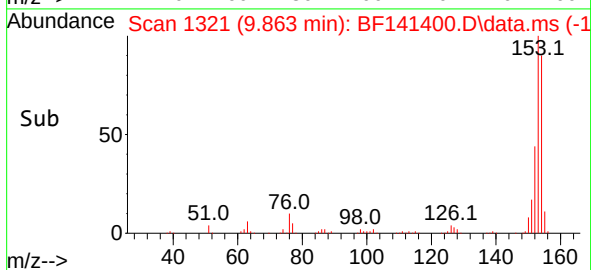
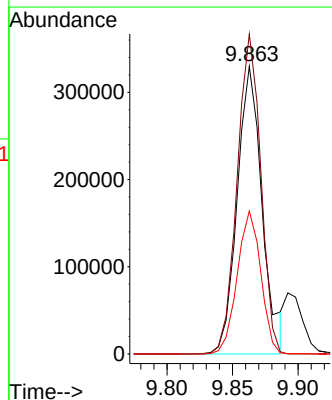
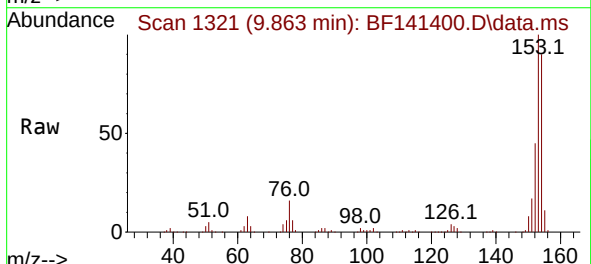
Instrument :
BNA_F
ClientSampleId :
PB166483BS

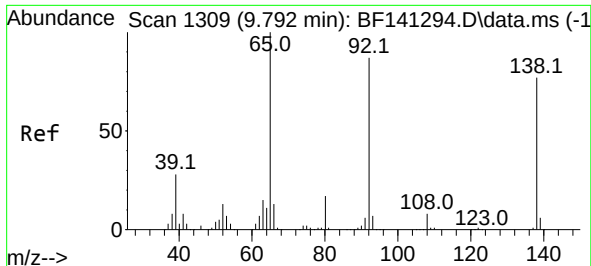
Tgt Ion:165 Resp: 112877
Ion Ratio Lower Upper
165 100
63 60.8 48.1 72.1
89 56.2 44.9 67.3



#52
Acenaphthene
Concen: 44.747 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:154 Resp: 436901
Ion Ratio Lower Upper
154 100
153 111.3 89.0 133.4
152 49.7 40.2 60.4

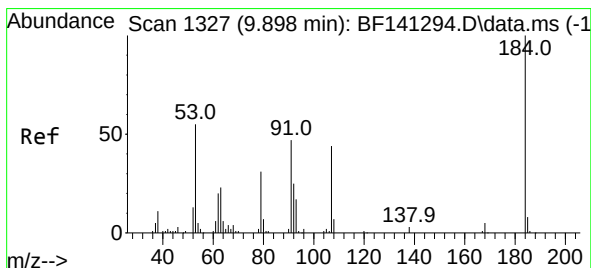
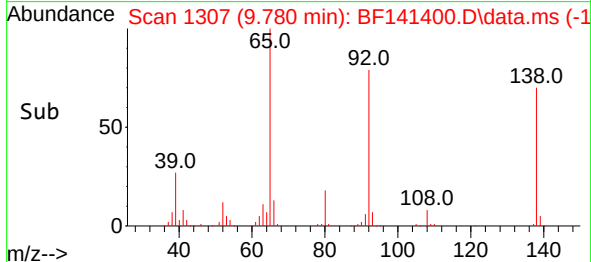
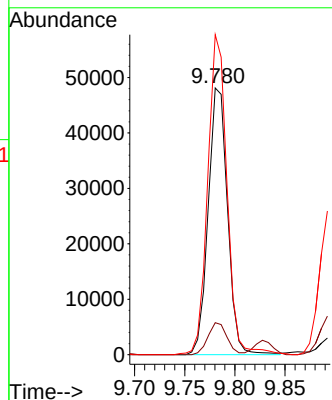
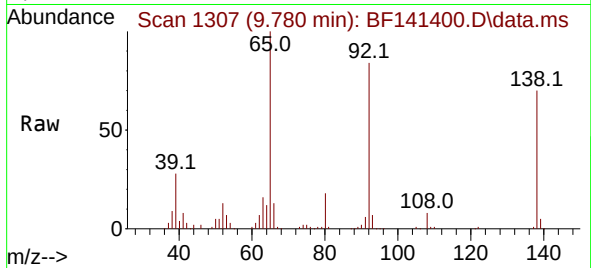




#53
3-Nitroaniline
Concen: 26.174 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

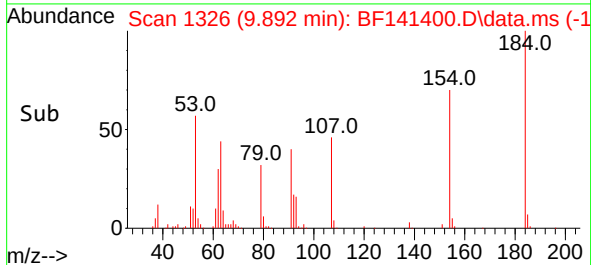
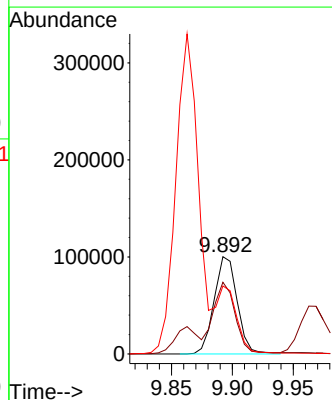
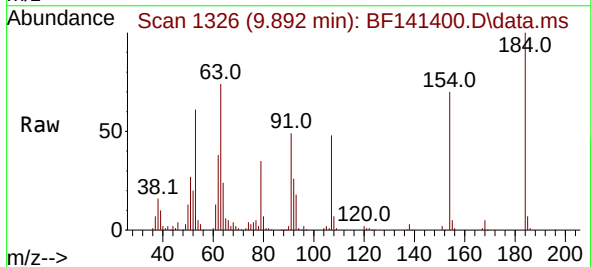
Instrument :
BNA_F
ClientSampleId :
PB166483BS

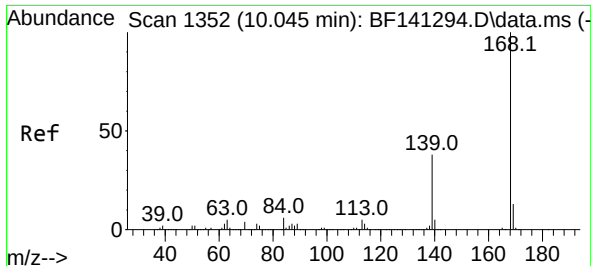
Tgt Ion:138 Resp: 64615
Ion Ratio Lower Upper
138 100
108 12.0 8.6 12.8
92 120.0 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 113.106 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:184 Resp: 132431
Ion Ratio Lower Upper
184 100
63 73.7 54.1 81.1
154 70.0 50.7 76.1

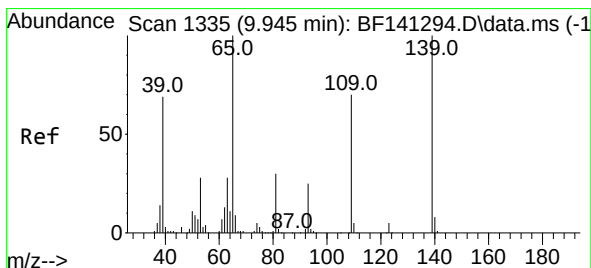
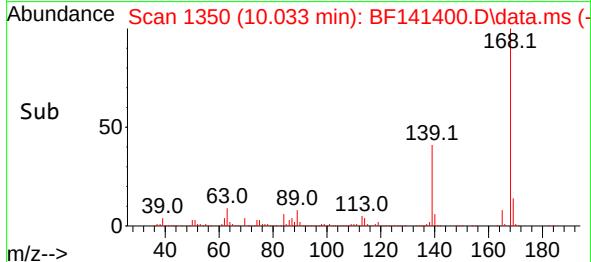
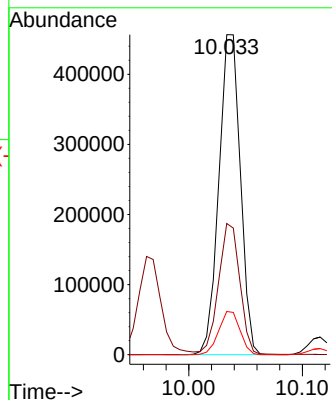
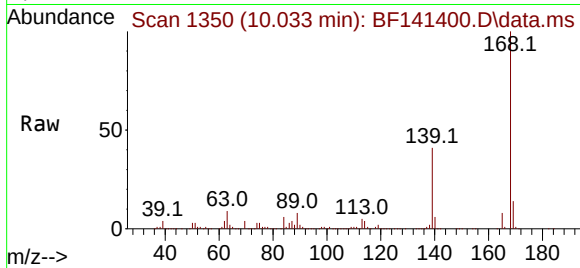




#55
Dibenzenofuran
Concen: 45.995 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

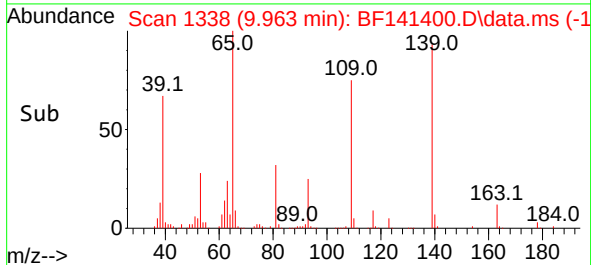
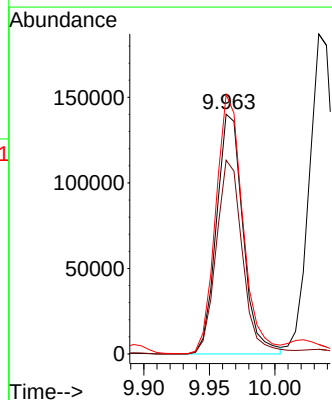
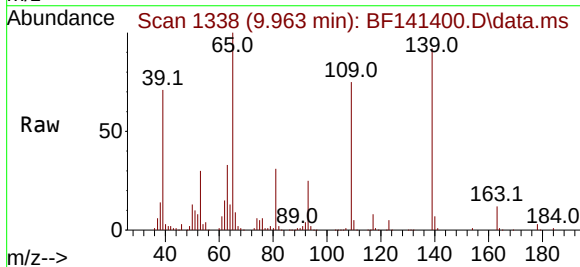
Instrument :
BNA_F
ClientSampleId :
PB166483BS

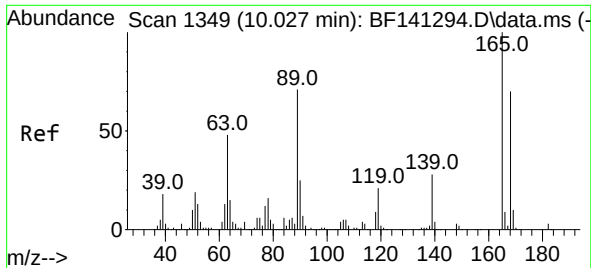
Tgt Ion:168 Resp: 601125
Ion Ratio Lower Upper
168 100
139 41.0 30.6 46.0
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 109.124 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:139 Resp: 197015
Ion Ratio Lower Upper
139 100
109 80.8 50.2 90.2
65 108.2 80.6 120.6



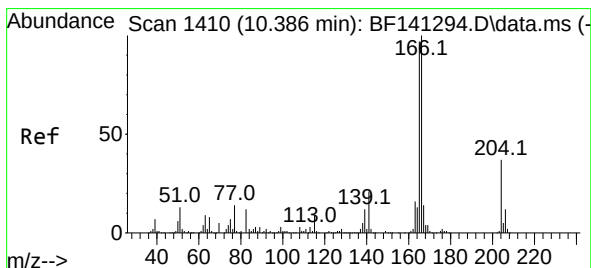
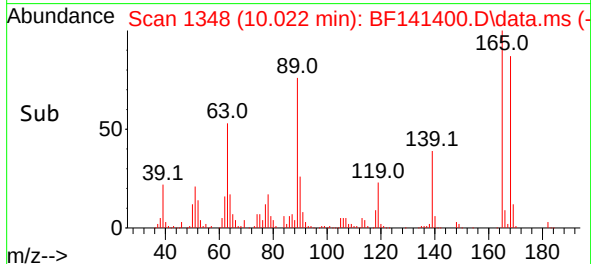
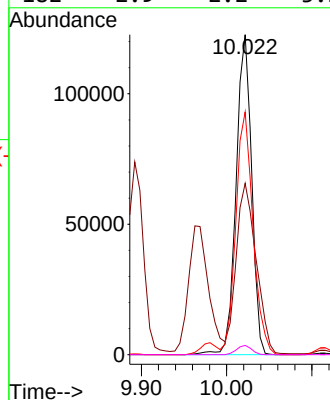
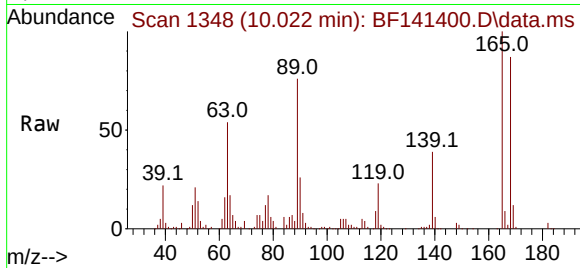


#57
2,4-Dinitrotoluene
Concen: 47.503 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :
BNA_F
ClientSampleId :
PB166483BS

Tgt Ion:165 Resp: 154912

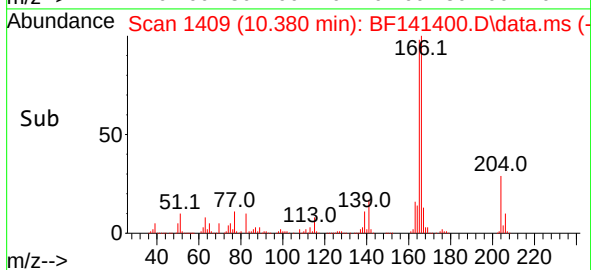
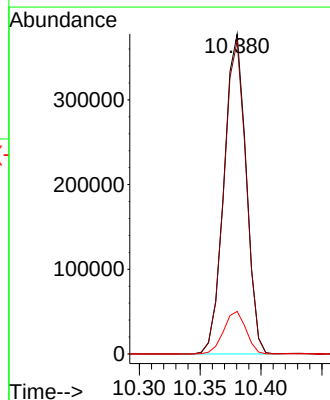
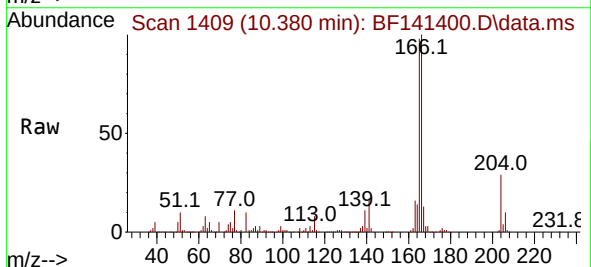
Ion	Ratio	Lower	Upper
165	100		
63	53.5	39.2	58.8
89	75.8	56.9	85.3
182	2.9	2.2	3.2

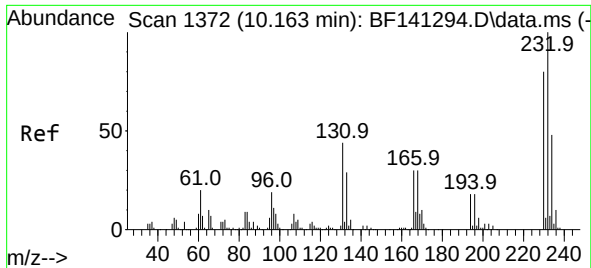


#58
Fluorene
Concen: 46.978 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:166 Resp: 476249

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.5	116.3
167	13.3	10.9	16.3

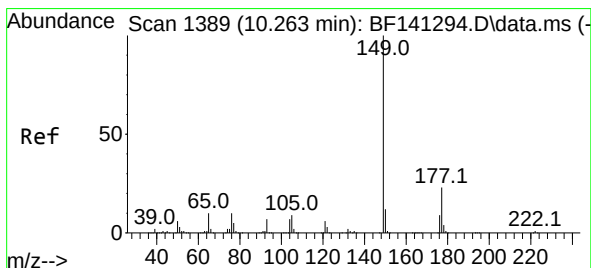
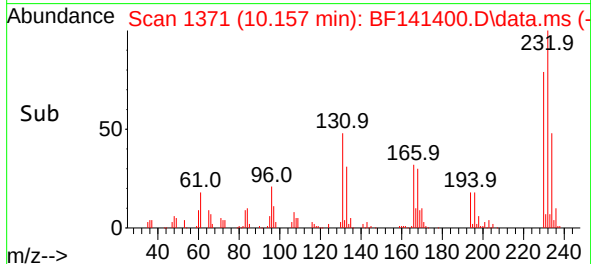
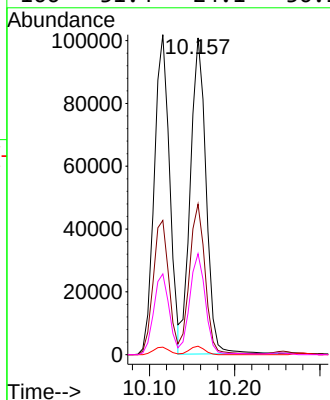
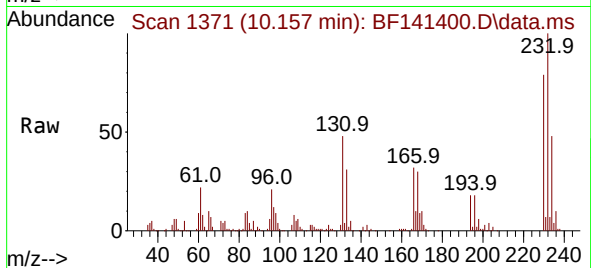




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.174 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

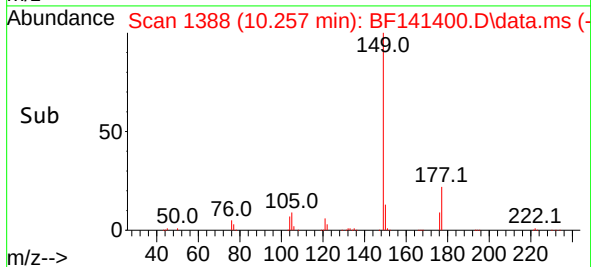
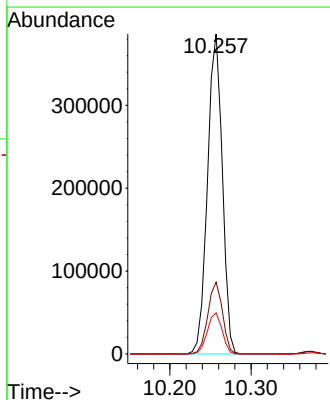
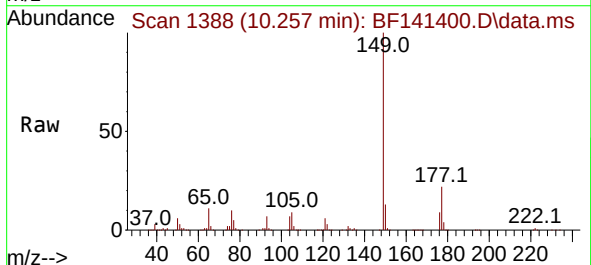
Instrument :
BNA_F
ClientSampleId :
PB166483BS

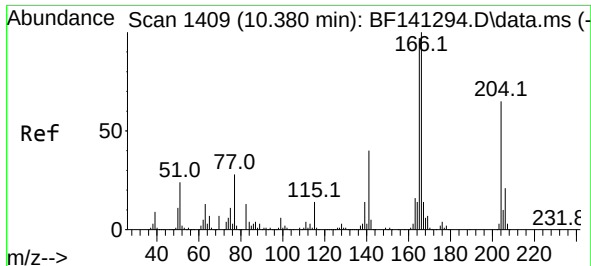
Tgt Ion:232 Resp: 128489
Ion Ratio Lower Upper
232 100
131 48.2 36.4 54.6
130 2.6 1.9 2.9
166 31.4 24.1 36.1



#60
Diethylphthalate
Concen: 46.351 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:149 Resp: 487531
Ion Ratio Lower Upper
149 100
177 22.5 18.5 27.7
150 12.9 10.0 15.0

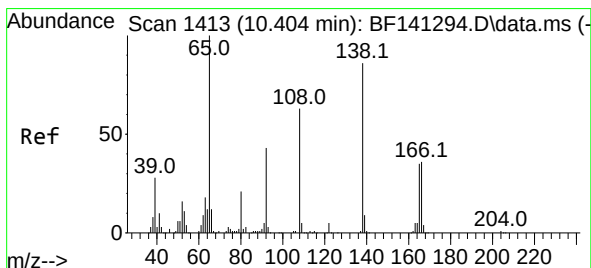
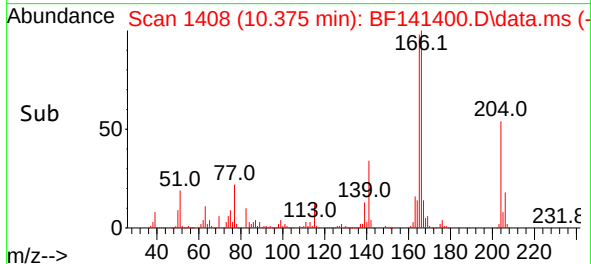
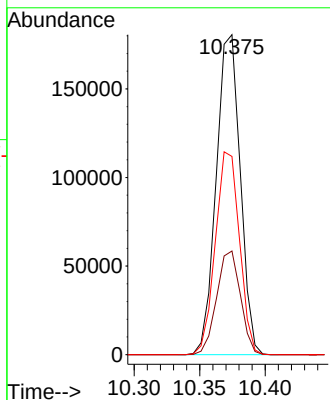
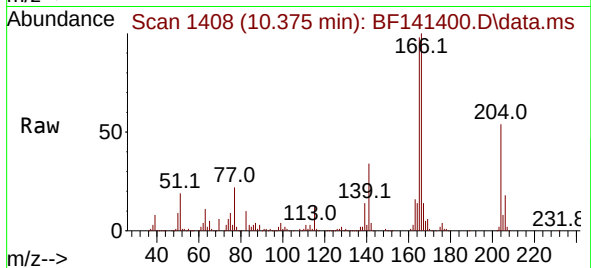




#61
4-Chlorophenyl-phenylether
Concen: 46.476 ng
RT: 10.375 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

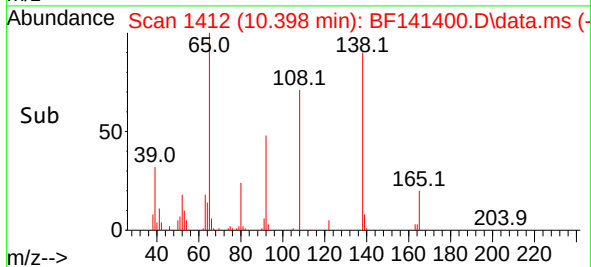
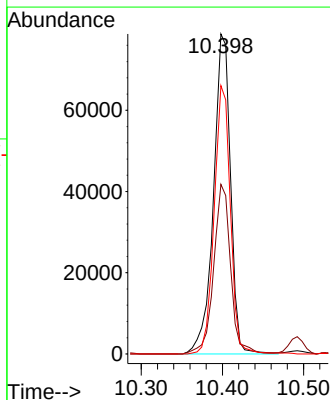
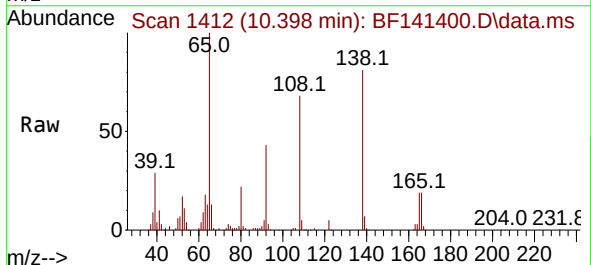
Instrument :
BNA_F
ClientSampleId :
PB166483BS

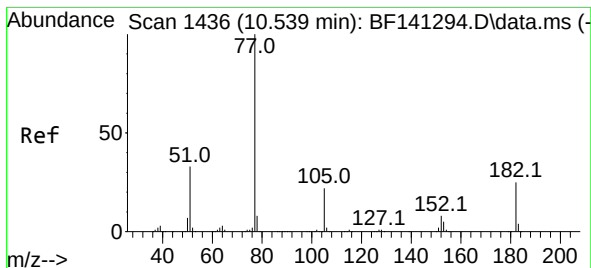
Tgt Ion:204 Resp: 230145
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 62.0 49.5 74.3



#62
4-Nitroaniline
Concen: 47.513 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:138 Resp: 115317
Ion Ratio Lower Upper
138 100
92 53.0 30.1 70.1
108 83.9 53.1 93.1





#63

Azobenzene

Concen: 44.972 ng

RT: 10.533 min Scan# 1435

Delta R.T. -0.012 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

PB166483BS

Tgt Ion: 77 Resp: 473493

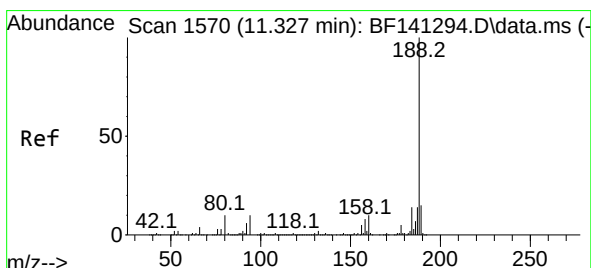
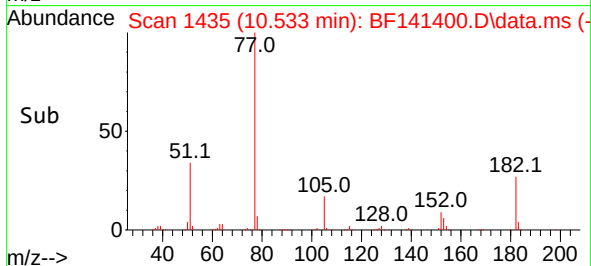
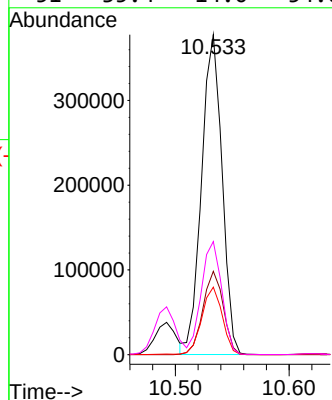
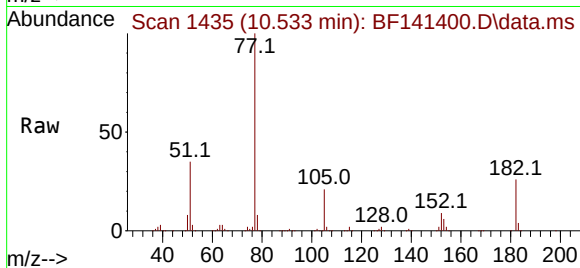
Ion Ratio Lower Upper

77 100

182 26.1 5.1 45.1

105 21.1 1.8 41.8

51 35.4 14.0 54.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1568

Delta R.T. -0.012 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

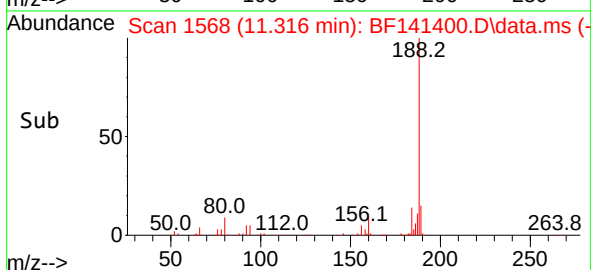
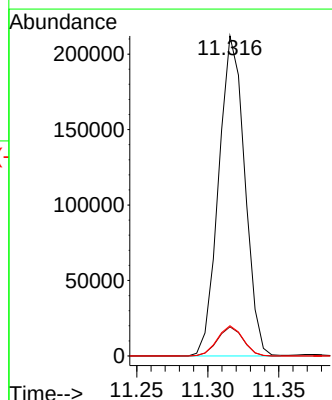
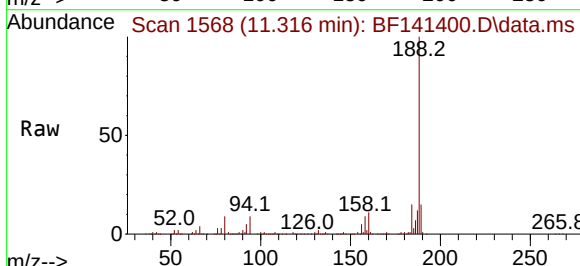
Tgt Ion: 188 Resp: 270383

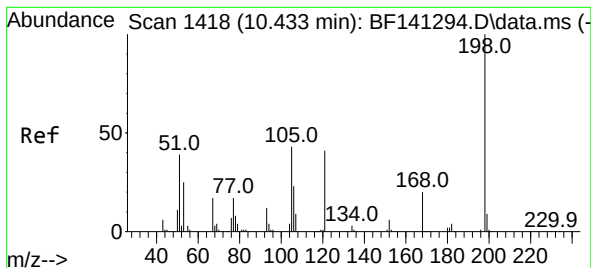
Ion Ratio Lower Upper

188 100

94 9.1 7.8 11.6

80 9.5 8.2 12.4

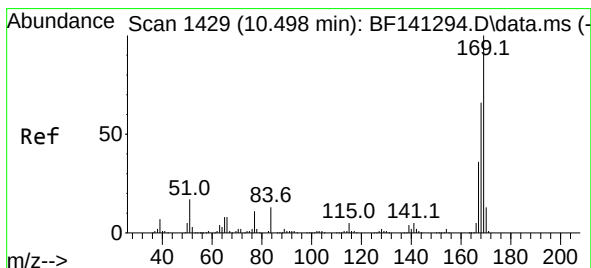
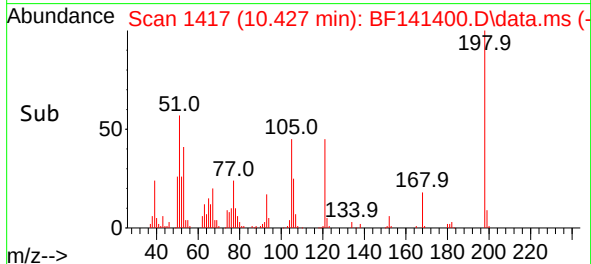
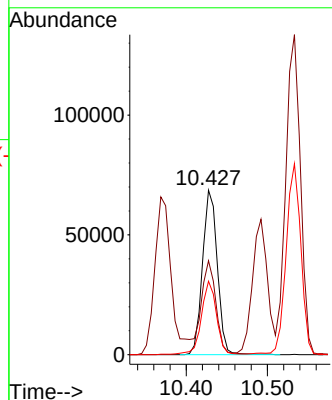
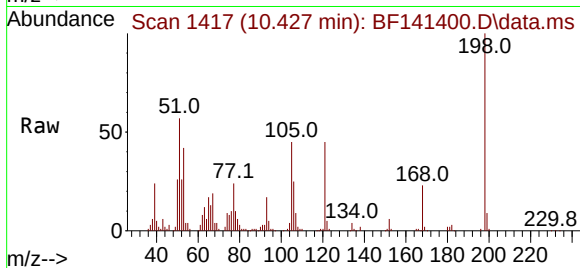




#65
4,6-Dinitro-2-methylphenol
Concen: 54.338 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

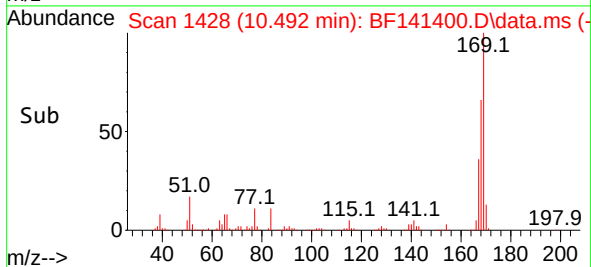
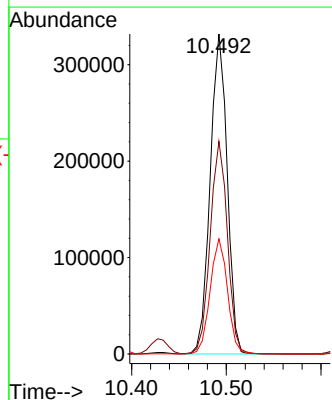
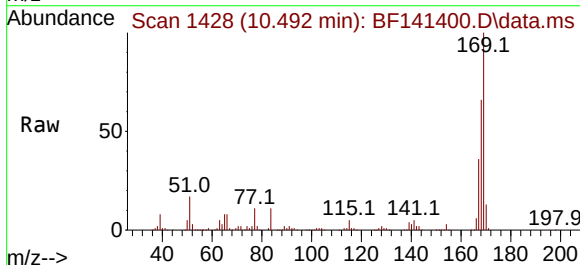
Instrument :
BNA_F
ClientSampleId :
PB166483BS

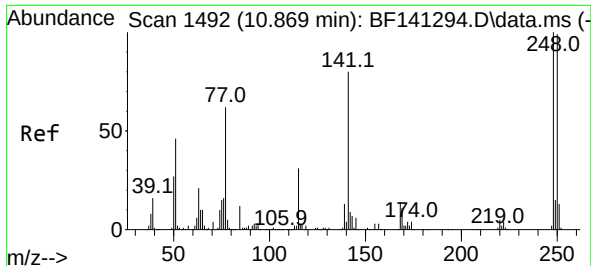
Tgt Ion:198 Resp: 86904
Ion Ratio Lower Upper
198 100
51 57.1 33.4 73.4
105 44.6 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 47.352 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:169 Resp: 414100
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.4
167 36.0 28.8 43.2

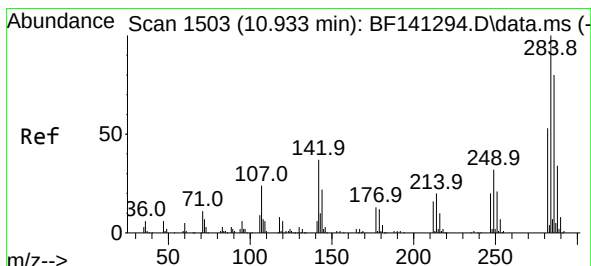
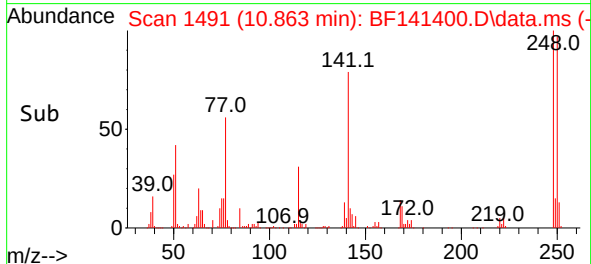
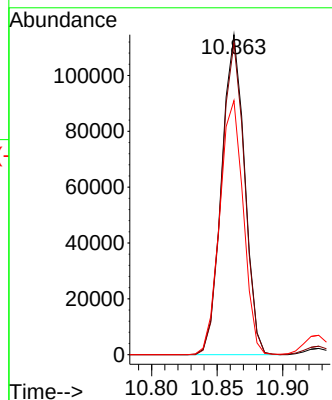
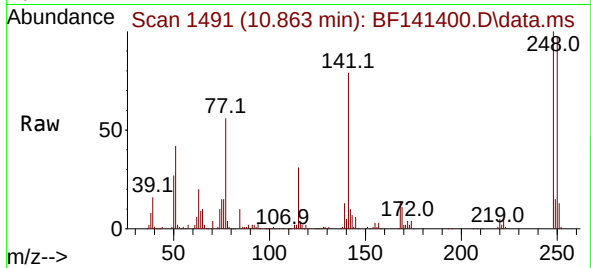




#67
4-Bromophenyl-phenylether
Concen: 46.194 ng
RT: 10.863 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

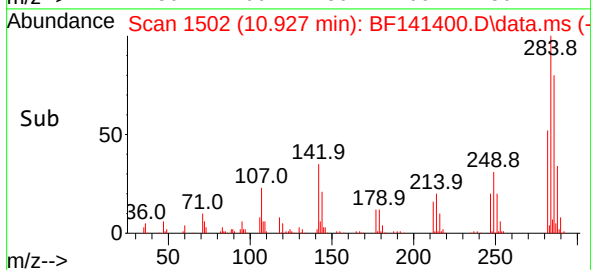
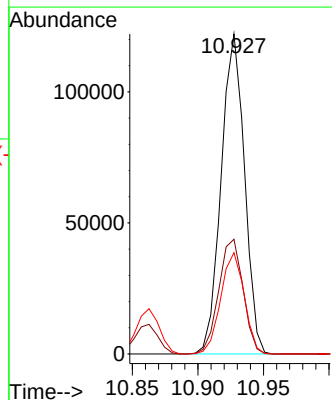
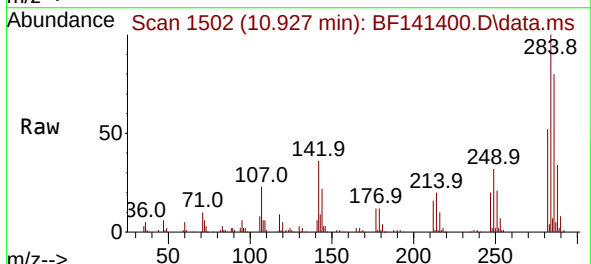
Instrument :
BNA_F
ClientSampleId :
PB166483BS

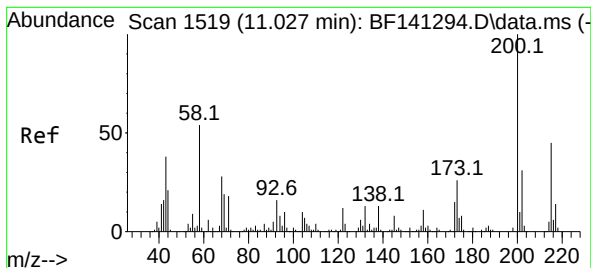
Tgt Ion:248 Resp: 139830
Ion Ratio Lower Upper
248 100
250 97.4 79.0 118.4
141 79.4 63.7 95.5



#68
Hexachlorobenzene
Concen: 46.987 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:284 Resp: 150872
Ion Ratio Lower Upper
284 100
142 35.8 29.5 44.3
249 31.7 25.4 38.2





#69

Atrazine

Concen: 55.505 ng

RT: 11.022 min Scan# 1518

Delta R.T. -0.012 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

PB166483BS

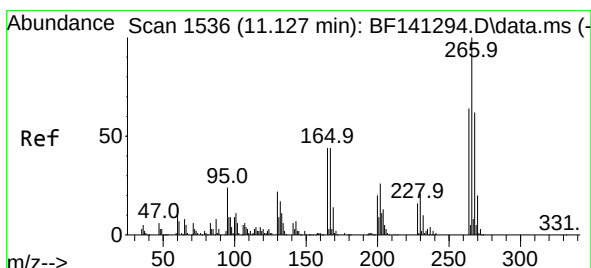
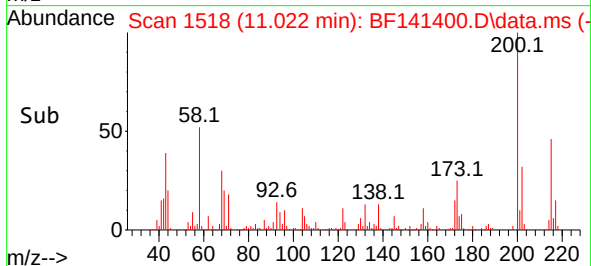
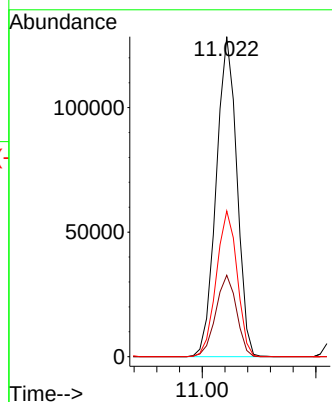
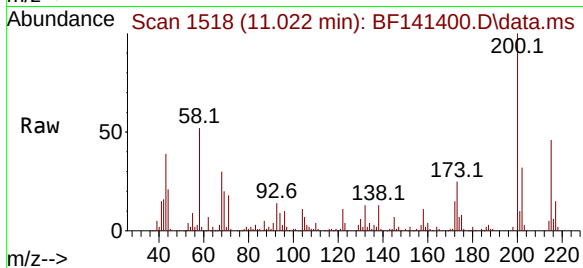
Tgt Ion:200 Resp: 162293

Ion Ratio Lower Upper

200 100

173 25.4 5.9 45.9

215 45.6 25.2 65.2



#70

Pentachlorophenol

Concen: 106.308 ng

RT: 11.127 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

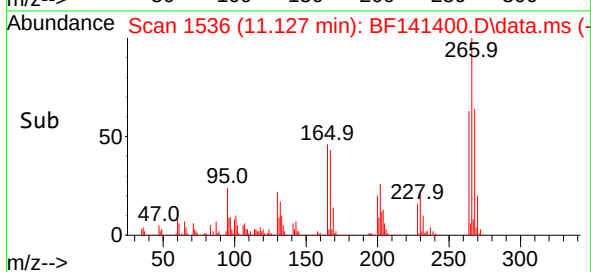
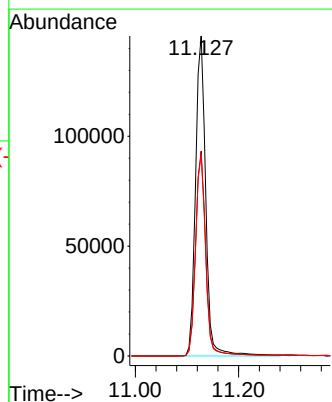
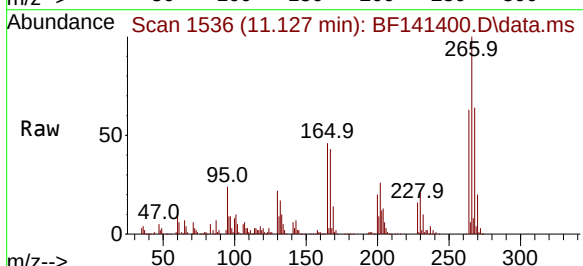
Tgt Ion:266 Resp: 199886

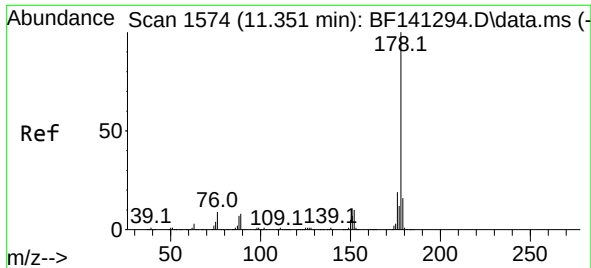
Ion Ratio Lower Upper

266 100

268 64.0 49.9 74.9

264 63.0 51.0 76.4

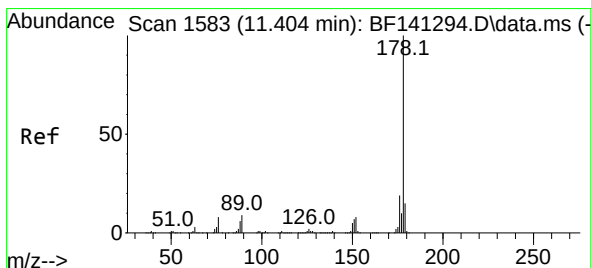
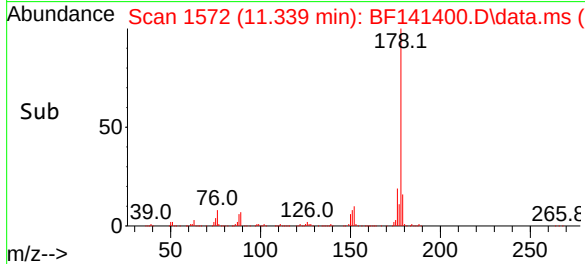
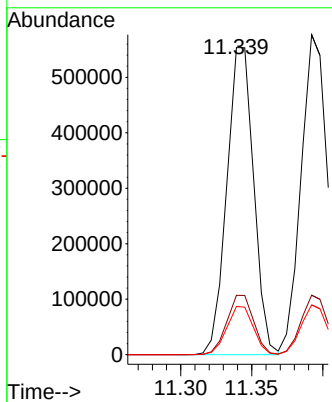
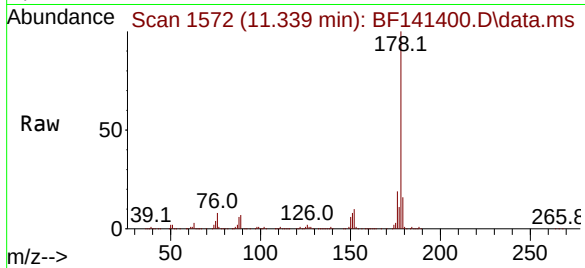




#71
Phenanthrene
Concen: 50.279 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

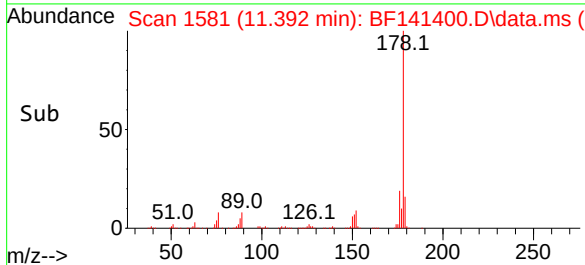
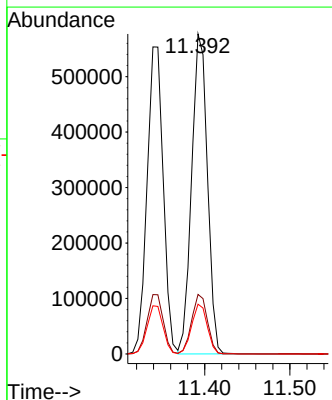
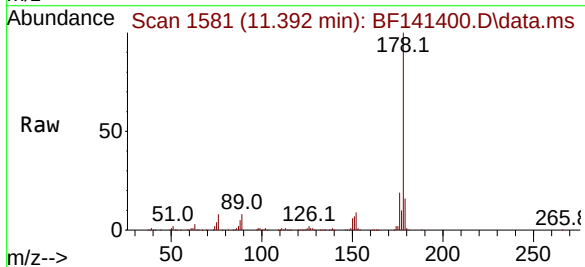
Instrument :
BNA_F
ClientSampleId :
PB166483BS

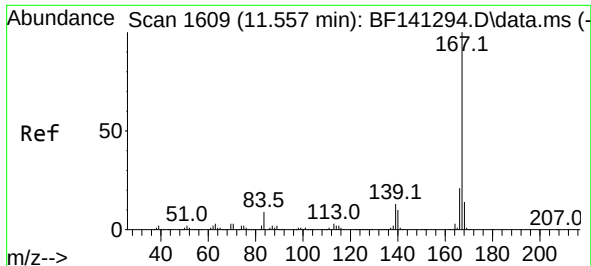
Tgt Ion:178 Resp: 730767
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.7 12.5 18.7



#72
Anthracene
Concen: 52.025 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:178 Resp: 740887
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.6 12.3 18.5

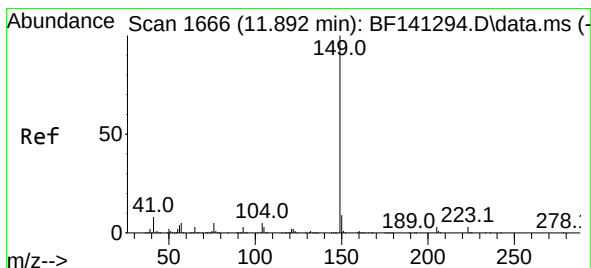
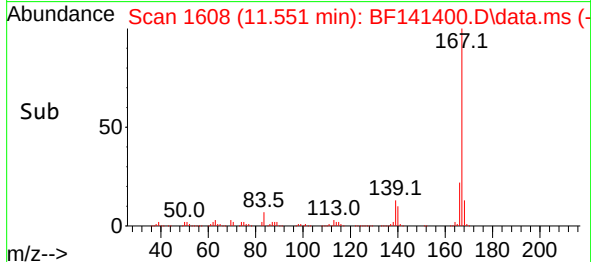
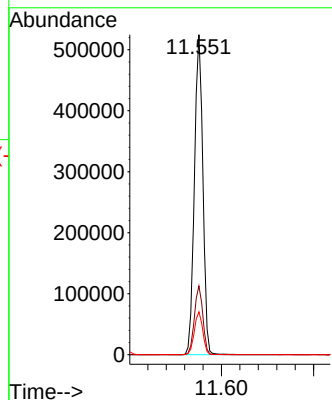
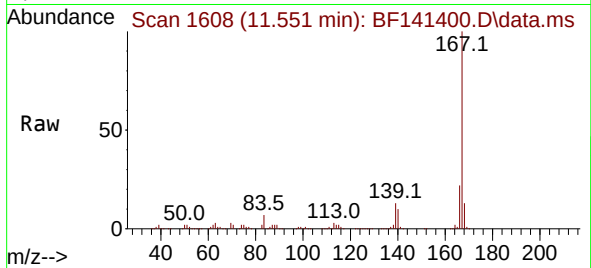




#73
 Carbazole
 Concen: 52.720 ng
 RT: 11.551 min Scan# 1608
 Delta R.T. -0.006 min
 Lab File: BF141400.D
 Acq: 04 Feb 2025 11:35

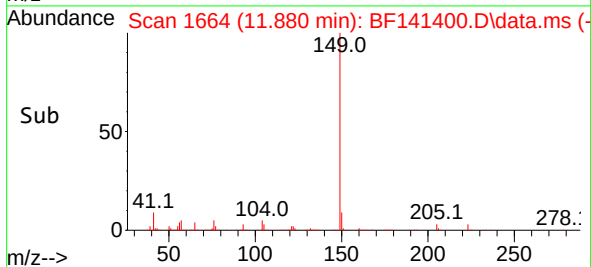
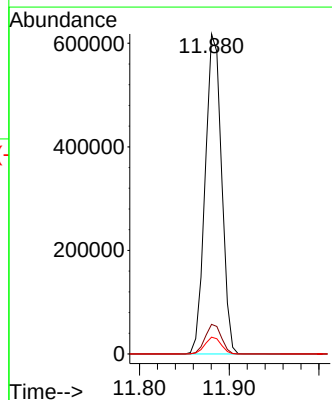
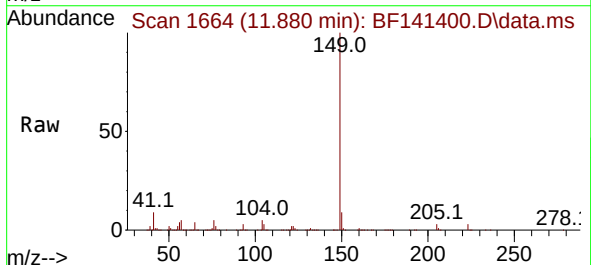
Instrument :
 BNA_F
 ClientSampleId :
 PB166483BS

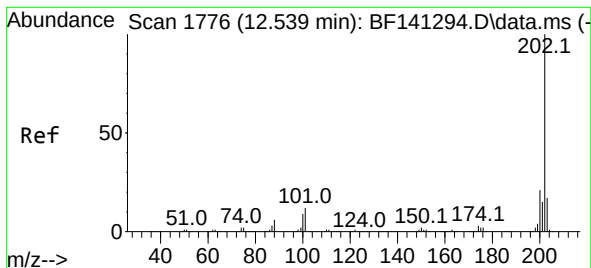
Tgt Ion:167 Resp: 665737
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.4 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 51.151 ng
 RT: 11.880 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF141400.D
 Acq: 04 Feb 2025 11:35

Tgt Ion:149 Resp: 782788
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.2 3.9 5.9





#75

Fluoranthene

Concen: 54.799 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

PB166483BS

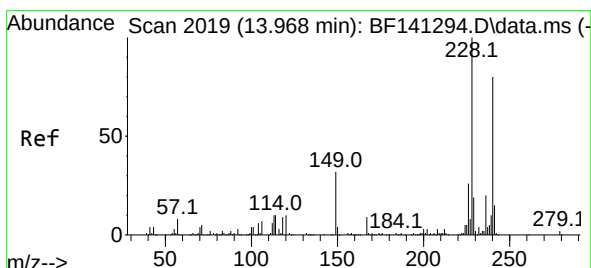
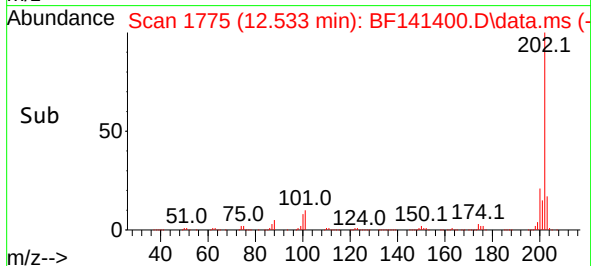
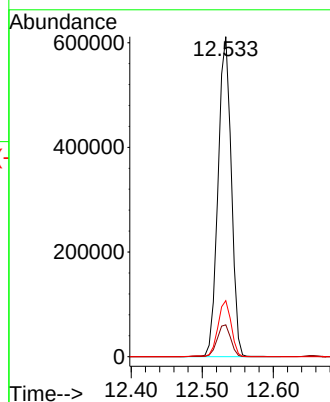
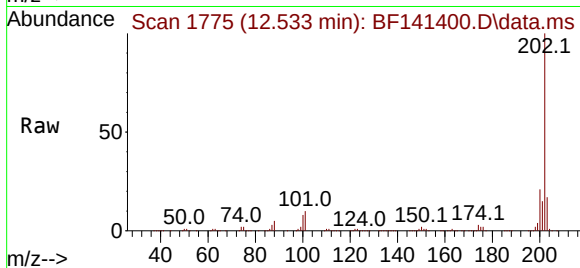
Tgt Ion:202 Resp: 786408

Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.7

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

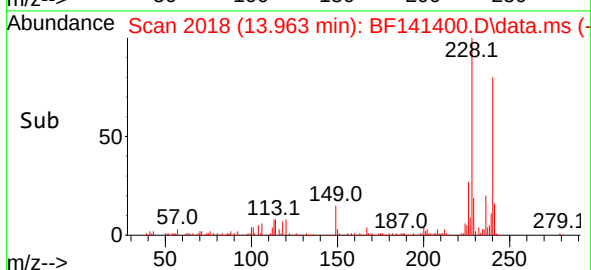
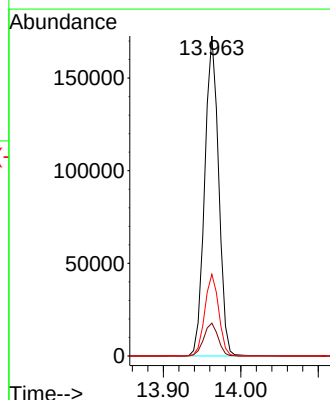
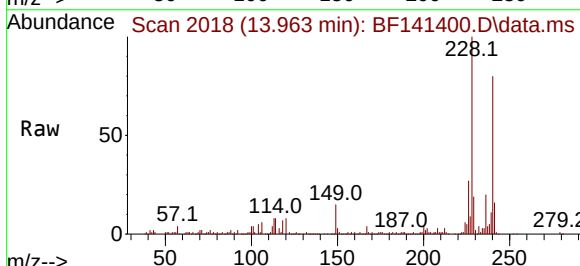
Tgt Ion:240 Resp: 215739

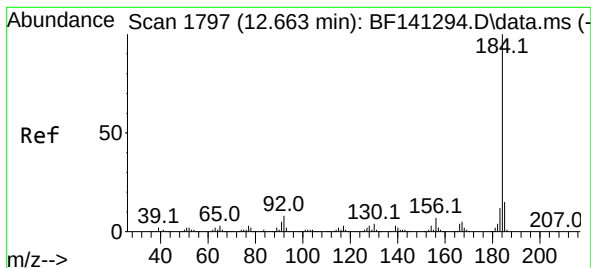
Ion Ratio Lower Upper

240 100

120 10.2 10.0 15.0

236 25.5 19.7 29.5





#77

Benzidine

Concen: 53.099 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

PB166483BS

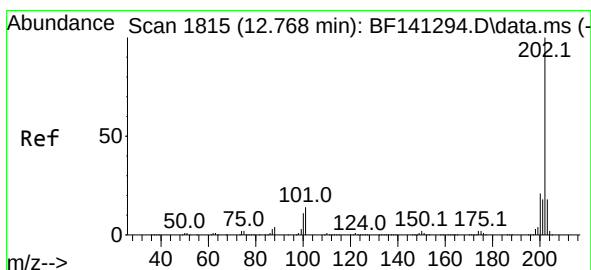
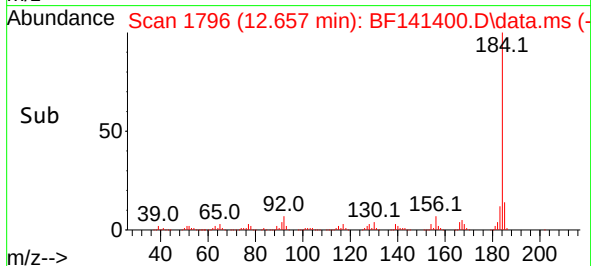
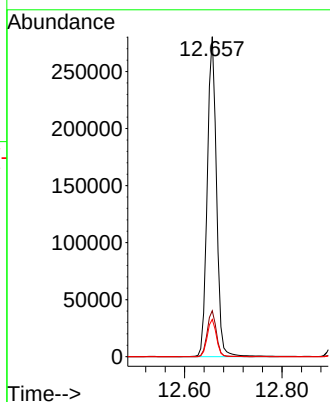
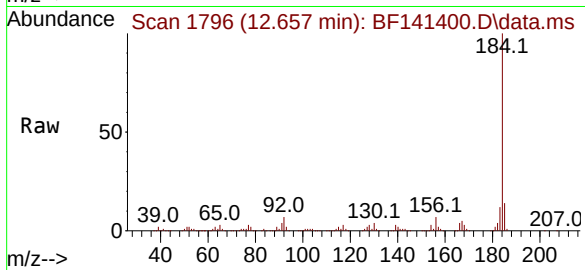
Tgt Ion:184 Resp: 367247

Ion Ratio Lower Upper

184 100

185 14.4 11.9 17.9

183 11.7 9.5 14.3



#78

Pyrene

Concen: 38.998 ng

RT: 12.763 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

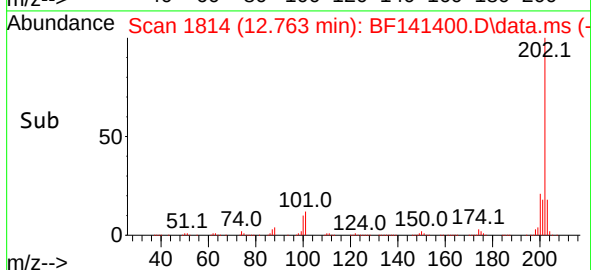
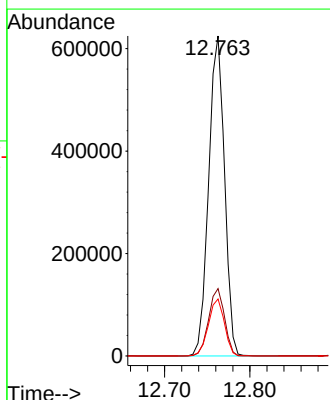
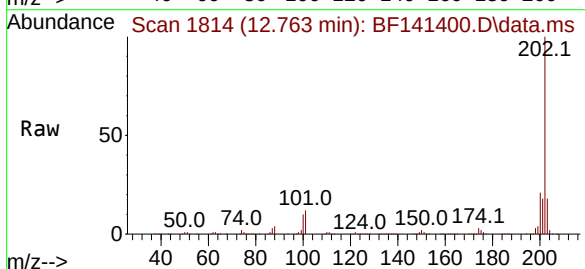
Tgt Ion:202 Resp: 807615

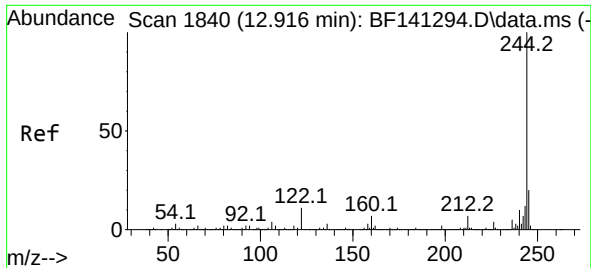
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 17.8 14.3 21.5

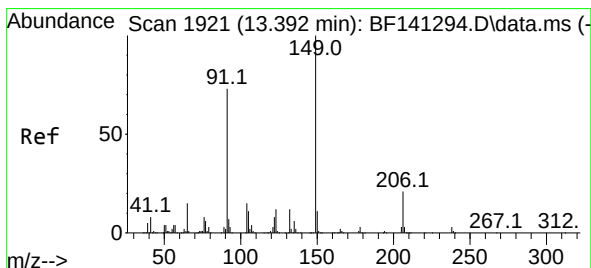
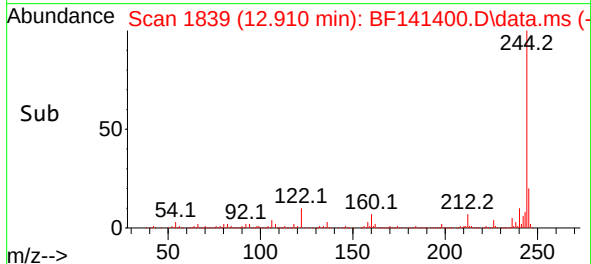
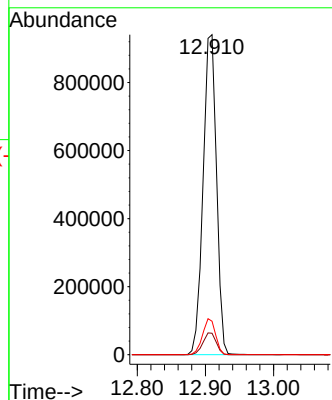
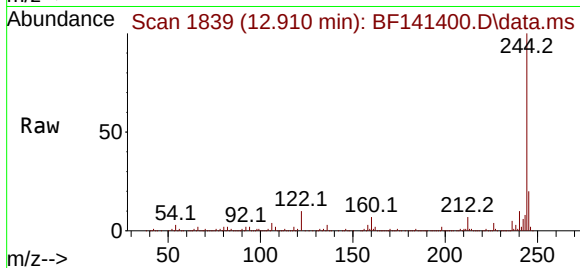




#79
 Terphenyl-d14
 Concen: 91.780 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141400.D
 Acq: 04 Feb 2025 11:35

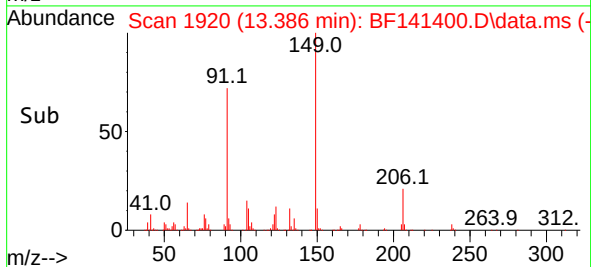
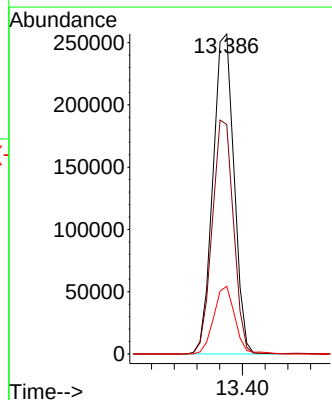
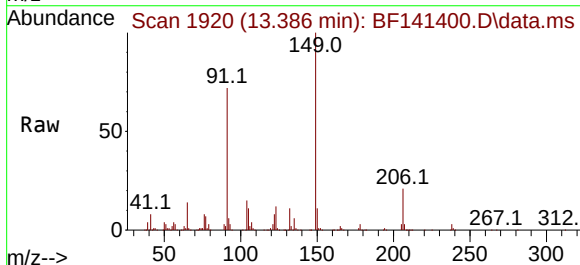
Instrument :
 BNA_F
 ClientSampleId :
 PB166483BS

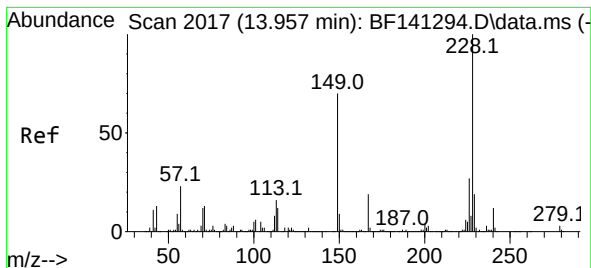
Tgt Ion:244 Resp: 1283922
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.4 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 45.931 ng
 RT: 13.386 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF141400.D
 Acq: 04 Feb 2025 11:35

Tgt Ion:149 Resp: 332305
 Ion Ratio Lower Upper
 149 100
 91 71.7 58.6 87.8
 206 21.1 16.7 25.1





#81

Benzo(a)anthracene

Concen: 44.894 ng

RT: 13.951 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

PB166483BS

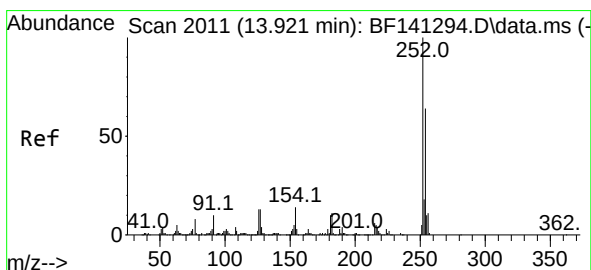
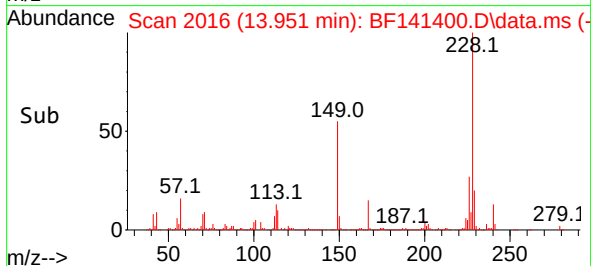
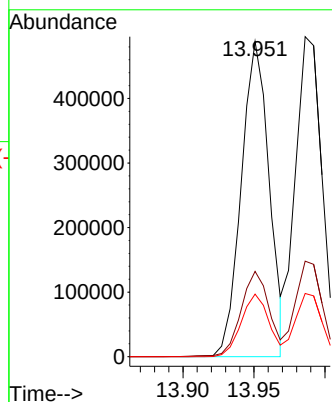
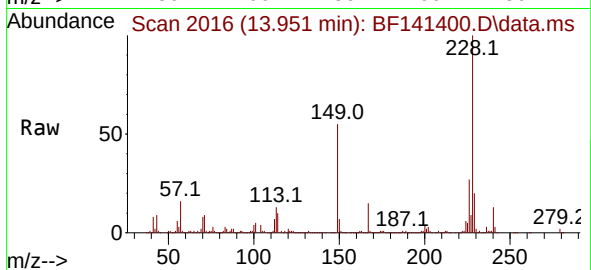
Tgt Ion:228 Resp: 668353

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.2

229 19.8 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 23.646 ng

RT: 13.915 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

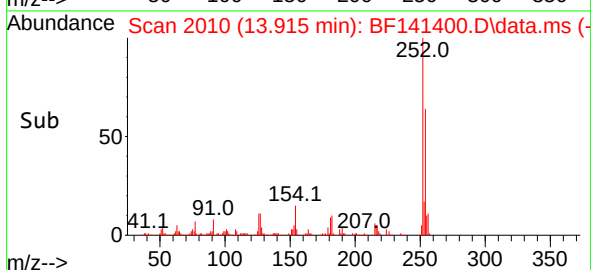
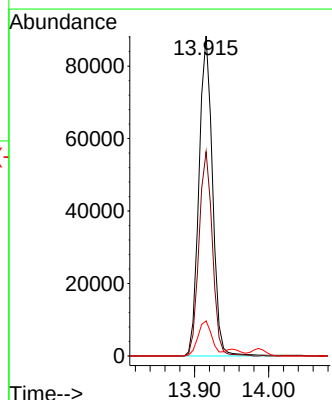
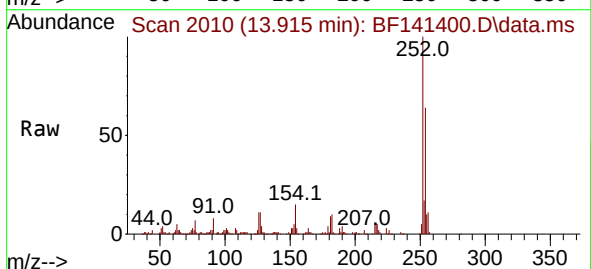
Tgt Ion:252 Resp: 111961

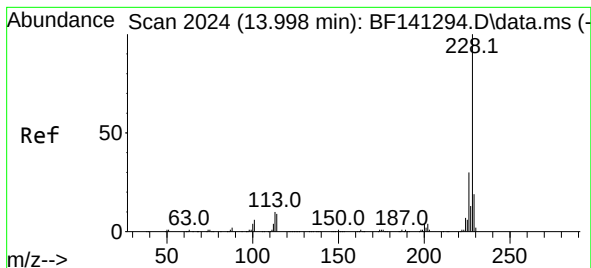
Ion Ratio Lower Upper

252 100

254 63.9 51.3 76.9

126 11.0 10.0 15.0





#83

Chrysene

Concen: 47.197 ng

RT: 13.986 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

PB166483BS

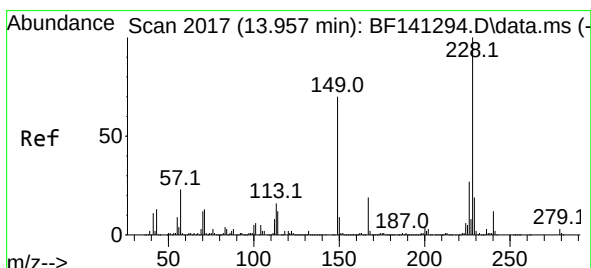
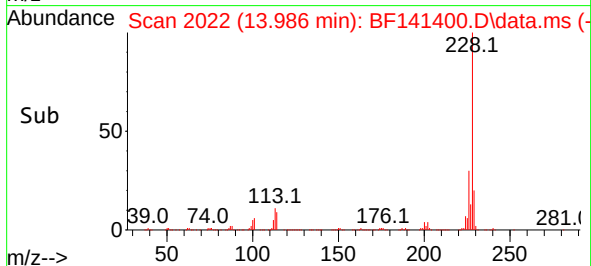
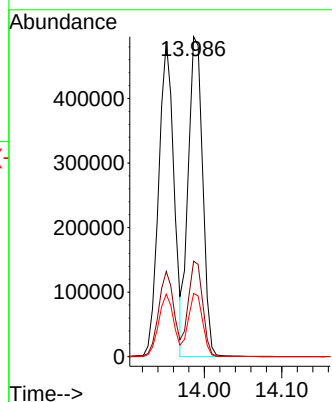
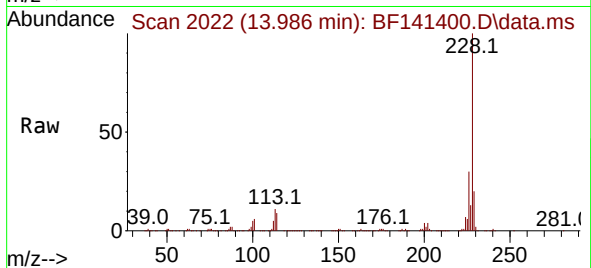
Tgt Ion:228 Resp: 643939

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.699 ng

RT: 13.945 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

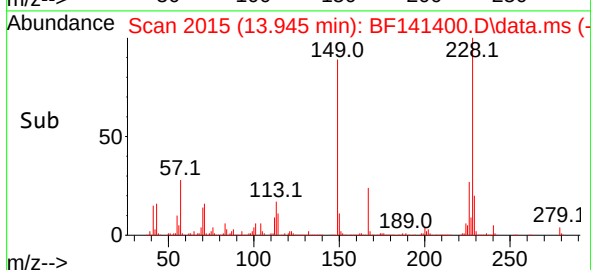
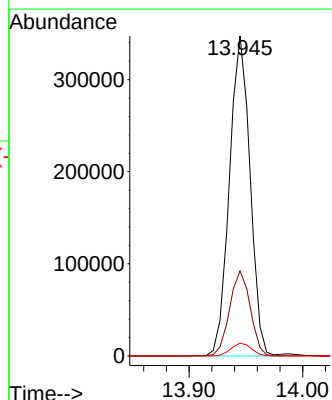
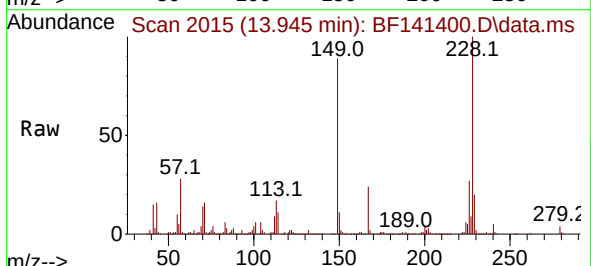
Tgt Ion:149 Resp: 437769

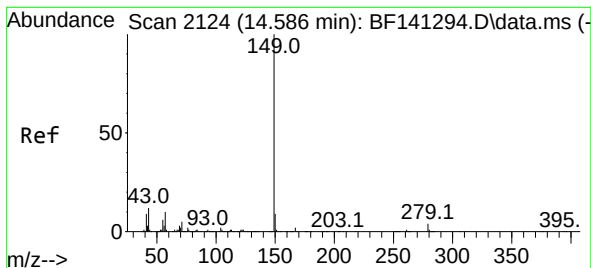
Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.8

279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 50.097 ng

RT: 14.562 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

PB166483BS

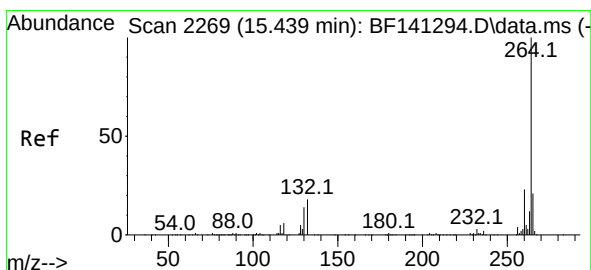
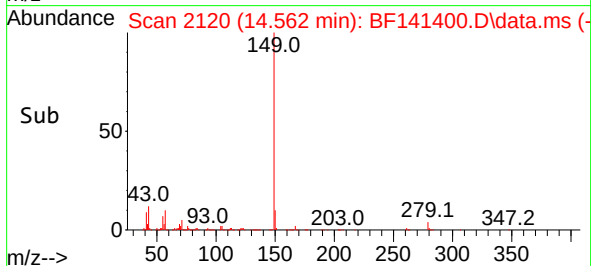
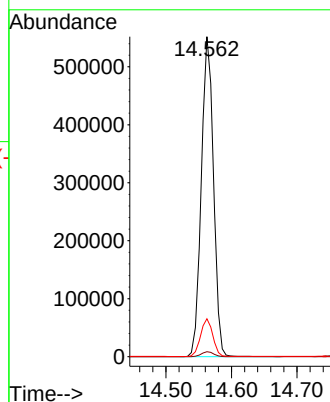
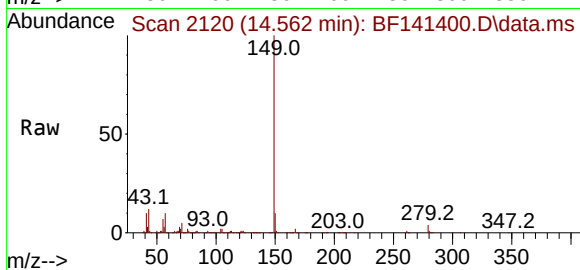
Tgt Ion:149 Resp: 714116

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.8 9.8 14.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2265

Delta R.T. -0.024 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

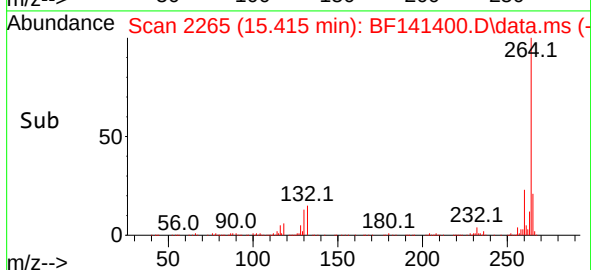
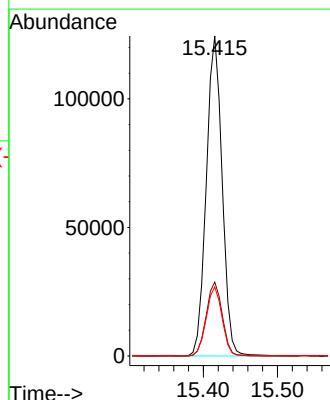
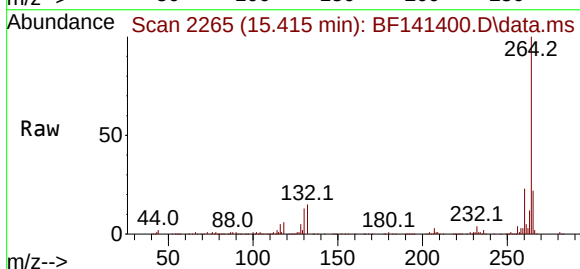
Tgt Ion:264 Resp: 184626

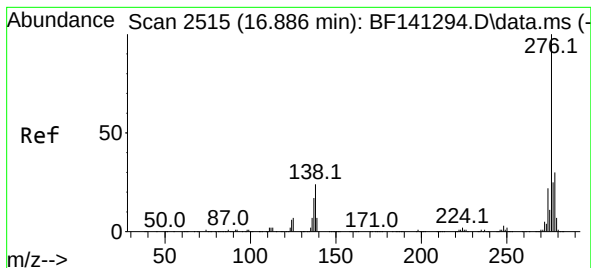
Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.5 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.115 ng

RT: 16.862 min Scan# 2194

Delta R.T. -0.035 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

PB166483BS

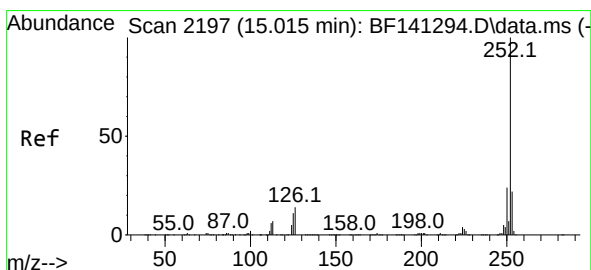
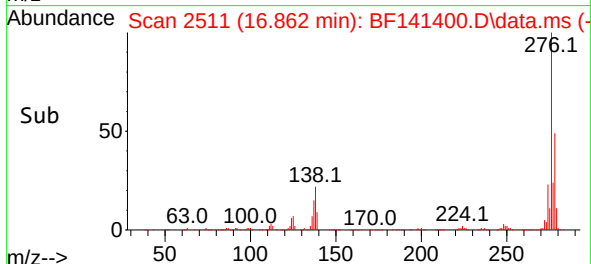
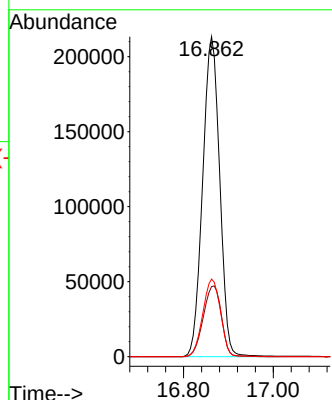
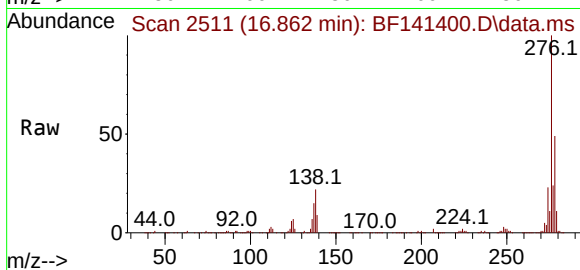
Tgt Ion:276 Resp: 561438

Ion Ratio Lower Upper

276 100

138 23.6 21.7 32.5

277 25.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 48.504 ng

RT: 14.998 min Scan# 2194

Delta R.T. -0.024 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

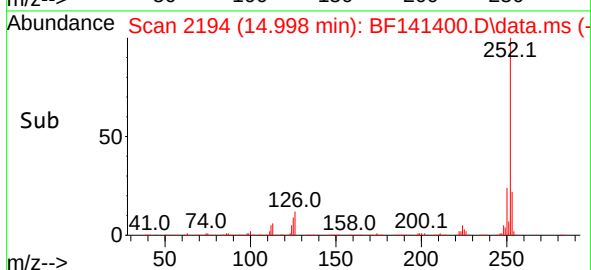
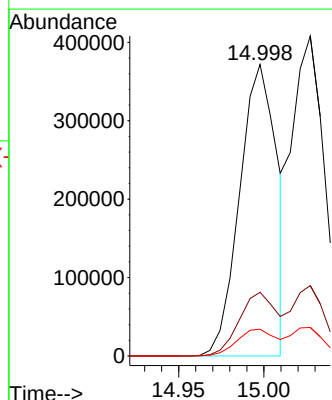
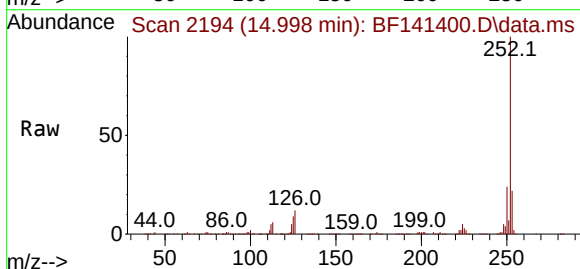
Tgt Ion:252 Resp: 563297

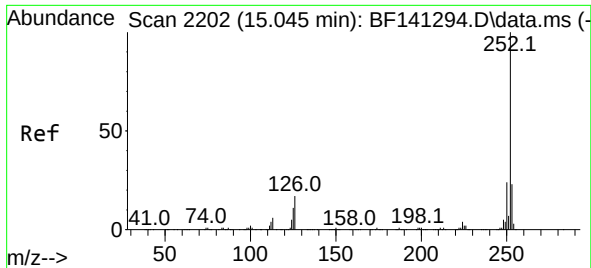
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 9.2 8.6 12.8

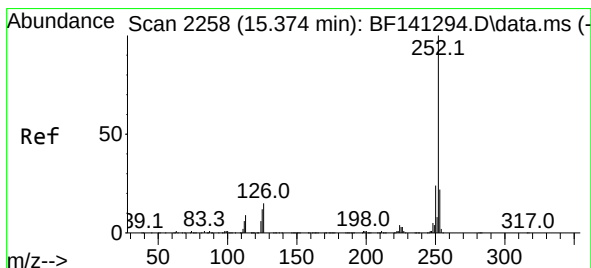
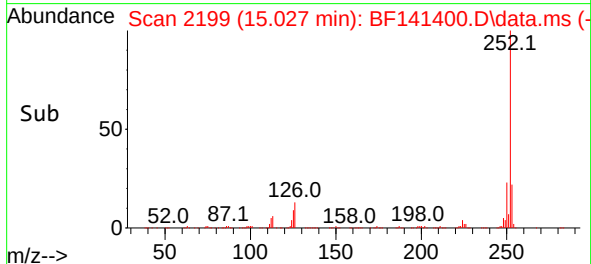
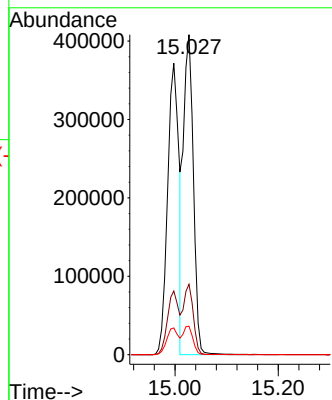
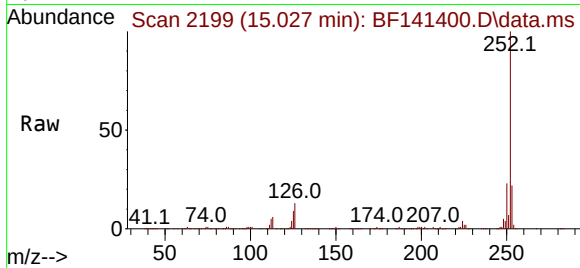




#89
Benzo(k)fluoranthene
Concen: 53.051 ng
RT: 15.027 min Scan# 2199
Delta R.T. -0.024 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

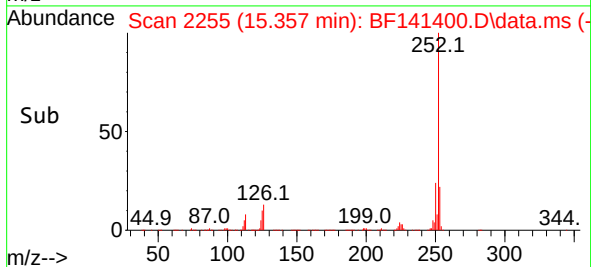
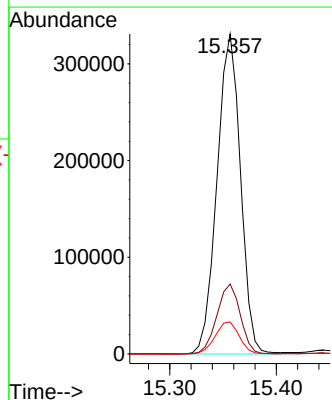
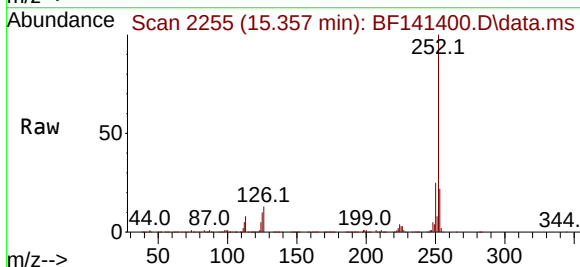
Instrument :
BNA_F
ClientSampleId :
PB166483BS

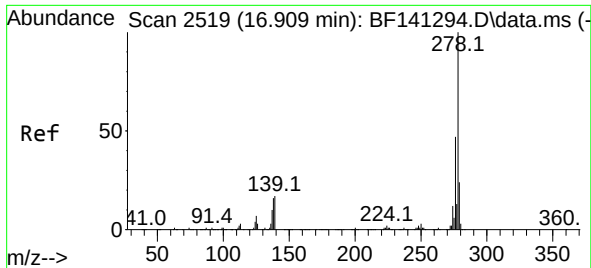
Tgt Ion:252 Resp: 545792
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 8.9 8.4 12.6



#90
Benzo(a)pyrene
Concen: 51.607 ng
RT: 15.357 min Scan# 2255
Delta R.T. -0.024 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:252 Resp: 506470
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.0 9.4 14.2

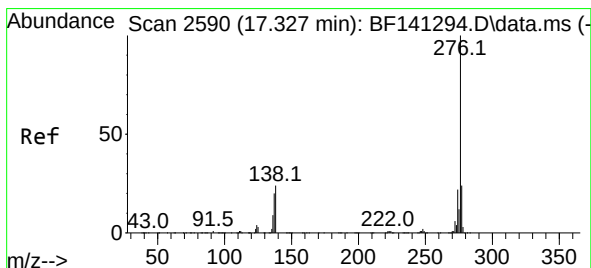
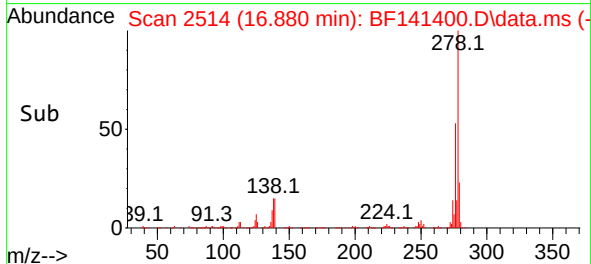
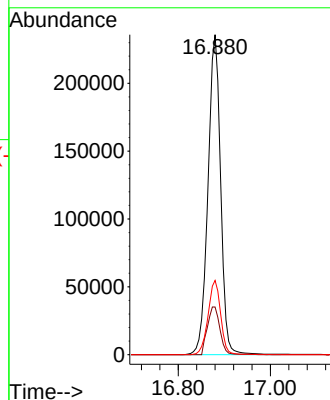
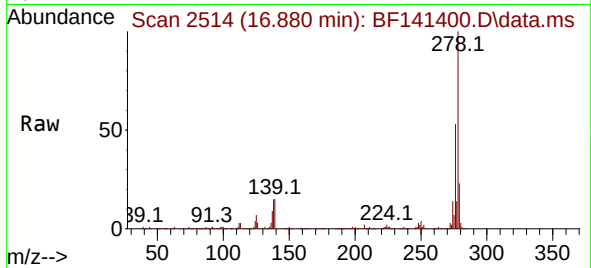




#91
Dibenzo(a,h)anthracene
Concen: 47.116 ng
RT: 16.880 min Scan# 21
Delta R.T. -0.041 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :
BNA_F
ClientSampleId :
PB166483BS

Tgt Ion:278 Resp: 451705
Ion Ratio Lower Upper
278 100
139 14.9 13.9 20.9
279 23.2 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 43.702 ng
RT: 17.298 min Scan# 2585
Delta R.T. -0.047 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:276 Resp: 435645
Ion Ratio Lower Upper
276 100
277 23.3 19.2 28.8
138 19.6 19.0 28.4

