

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031825\
 Data File : BF141992.D
 Acq On : 18 Mar 2025 13:01
 Operator : RC/JU
 Sample : Q1568-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-03132025MS

Quant Time: Mar 18 13:34:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	152727	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	588011	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	327264	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	504077	20.000	ng	0.00
76) Chrysene-d12	14.039	240	334257	20.000	ng	0.00
86) Perylene-d12	15.515	264	409135	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1136926	124.240	ng	0.02
7) Phenol-d6	6.510	99	1280431	109.896	ng	0.00
23) Nitrobenzene-d5	7.445	82	1008886	96.556	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	594720	143.245	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2082406	96.770	ng	0.00
79) Terphenyl-d14	12.986	244	1930998	85.410	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.846	88	156699	40.868	ng	# 83
3) Pyridine	3.563	79	300215	31.920	ng	97
4) n-Nitrosodimethylamine	3.487	42	173633	38.728	ng	97
6) Aniline	6.545	93	142434	12.392	ng	98
8) 2-Chlorophenol	6.669	128	439960	43.349	ng	98
9) Benzaldehyde	6.434	77	66556	10.214	ng	100
10) Phenol	6.522	94	427945	34.913	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	400564	43.521	ng	99
12) 1,3-Dichlorobenzene	6.822	146	464963	42.435	ng	99
13) 1,4-Dichlorobenzene	6.898	146	475531	42.894	ng	99
14) 1,2-Dichlorobenzene	7.051	146	452650	43.348	ng	99
15) Benzyl Alcohol	7.022	79	387785	41.169	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	444126	39.969	ng	98
17) 2-Methylphenol	7.128	107	339393	42.058	ng	99
18) Hexachloroethane	7.392	117	176772	42.521	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	301483	40.270	ng	99
20) 3+4-Methylphenols	7.281	107	423212	40.945	ng	# 85
22) Acetophenone	7.287	105	663243	47.100	ng	97
24) Nitrobenzene	7.463	77	461040	44.385	ng	98
25) Isophorone	7.698	82	832994	45.100	ng	99
26) 2-Nitrophenol	7.775	139	238666	46.815	ng	99
27) 2,4-Dimethylphenol	7.810	122	390542	55.634	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	511976	44.195	ng	99
29) 2,4-Dichlorophenol	8.016	162	381941	43.834	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	420277	43.768	ng	98
31) Naphthalene	8.181	128	1309559	43.355	ng	100
32) Benzoic acid	7.922	122	278626	45.153	ng	98
33) 4-Chloroaniline	8.228	127	59797	5.608	ng	98
34) Hexachlorobutadiene	8.298	225	285735	45.629	ng	99
35) Caprolactam	8.592	113	70494	26.537	ng	94
36) 4-Chloro-3-methylphenol	8.710	107	411335	42.320	ng	98
37) 2-Methylnaphthalene	8.875	142	855032	42.350	ng	99
38) 1-Methylnaphthalene	8.975	142	819498	42.063	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	499037	50.085	ng	98
41) Hexachlorocyclopentadiene	9.028	237	599566	153.756	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	291587	44.778	ng	99

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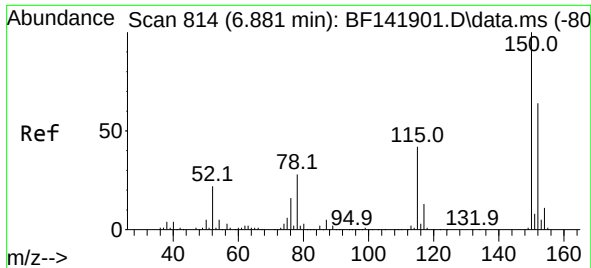
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	301802	45.761	ng	99
46) 1,1'-Biphenyl	9.339	154	1223225	49.193	ng	100
47) 2-Chloronaphthalene	9.363	162	835177	45.062	ng	98
48) 2-Nitroaniline	9.457	65	231642	43.166	ng	97
49) Acenaphthylene	9.781	152	1304148	47.417	ng	99
50) Dimethylphthalate	9.634	163	1003942	43.807	ng	100
51) 2,6-Dinitrotoluene	9.698	165	218594	45.811	ng	91
52) Acenaphthene	9.951	154	975716	50.481	ng	98
53) 3-Nitroaniline	9.863	138	59186	12.228	ng	96
54) 2,4-Dinitrophenol	9.975	184	246349	89.973	ng	# 46
55) Dibenzofuran	10.122	168	1177594	42.639	ng	99
56) 4-Nitrophenol	10.022	139	287055	78.642	ng	98
57) 2,4-Dinitrotoluene	10.104	165	285453	45.803	ng	95
58) Fluorene	10.463	166	927784	43.562	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	262341	43.713	ng	96
60) Diethylphthalate	10.333	149	965154	42.236	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	490233	44.150	ng	96
62) 4-Nitroaniline	10.481	138	170182	36.115	ng	97
63) Azobenzene	10.616	77	856245	40.302	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	149599	49.783	ng	96
66) n-Nitrosodiphenylamine	10.575	169	784826	48.113	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	310869	49.106	ng	98
68) Hexachlorobenzene	11.010	284	353910	50.972	ng	97
69) Atrazine	11.098	200	287531	57.499	ng	99
70) Pentachlorophenol	11.204	266	405413	94.768	ng	99
71) Phenanthrene	11.428	178	1275909	46.862	ng	99
72) Anthracene	11.480	178	1305550	47.795	ng	100
73) Carbazole	11.633	167	981674	41.672	ng	100
74) Di-n-butylphthalate	11.963	149	1327416	42.467	ng	99
75) Fluoranthene	12.616	202	1149890	39.814	ng	99
77) Benzidine	12.733	184	64248	13.777	ng	98
78) Pyrene	12.845	202	1139056	39.395	ng	99
80) Butylbenzylphthalate	13.457	149	456006	40.294	ng	98
81) Benzo(a)anthracene	14.027	228	1046091	47.692	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	143508	22.640	ng	99
83) Chrysene	14.069	228	902529	45.393	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	660288	42.317	ng	99
85) Di-n-octyl phthalate	14.633	149	1189713	54.798	ng	98
87) Indeno(1,2,3-cd)pyrene	17.015	276	1355219	51.205	ng	98
88) Benzo(b)fluoranthene	15.080	252	1146744	40.896	ng	99
89) Benzo(k)fluoranthene	15.116	252	1038112	43.262	ng	99
90) Benzo(a)pyrene	15.457	252	1064045	48.497	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	1112019	50.924	ng	99
92) Benzo(g,h,i)perylene	17.468	276	1004916	46.569	ng	98

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

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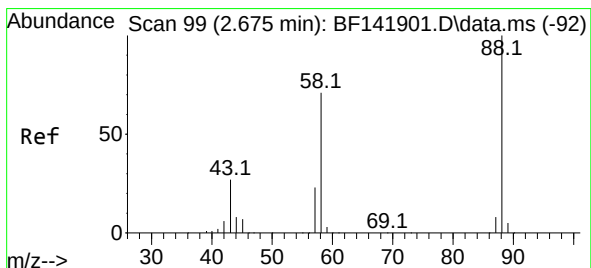
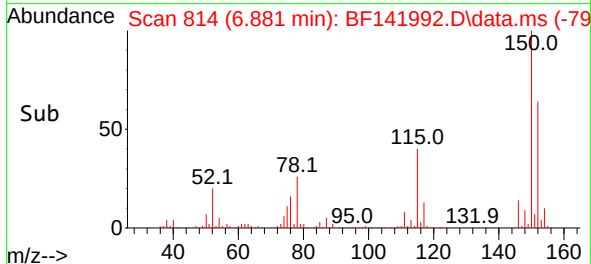
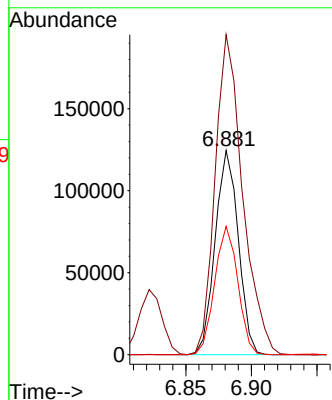
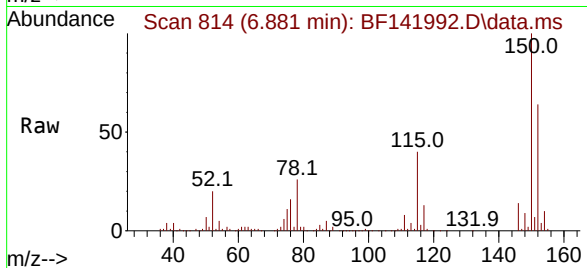




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF141992.D
 Acq: 18 Mar 2025 13:01

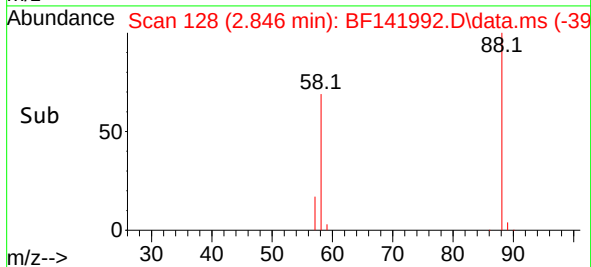
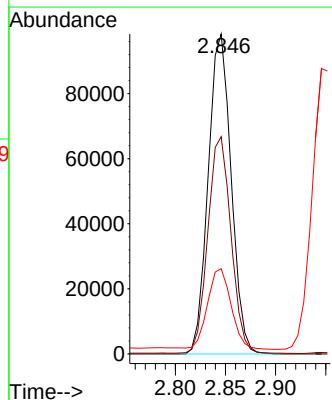
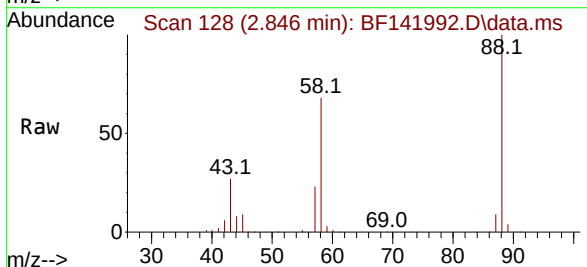
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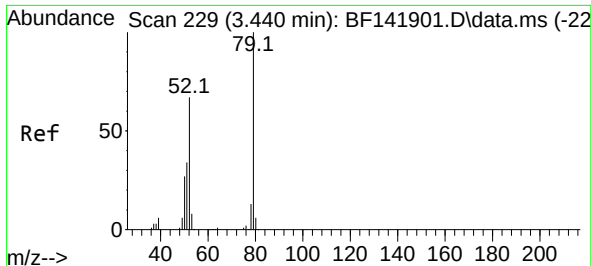
Tgt Ion:152 Resp: 152727
 Ion Ratio Lower Upper
 152 100
 150 156.7 127.4 191.2
 115 62.9 51.9 77.9



#2
 1,4-Dioxane
 Concen: 40.868 ng
 RT: 2.846 min Scan# 128
 Delta R.T. 0.171 min
 Lab File: BF141992.D
 Acq: 18 Mar 2025 13:01

Tgt Ion: 88 Resp: 156699
 Ion Ratio Lower Upper
 88 100
 58 68.3 57.4 86.2
 43 0.0 21.5 32.3





#3

Pyridine

Concen: 31.920 ng

RT: 3.563 min Scan# 21

Delta R.T. 0.124 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

Instrument :

BNA_F

ClientSampleId :

JC-03-03132025MS

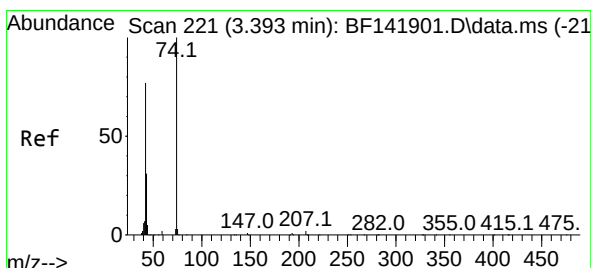
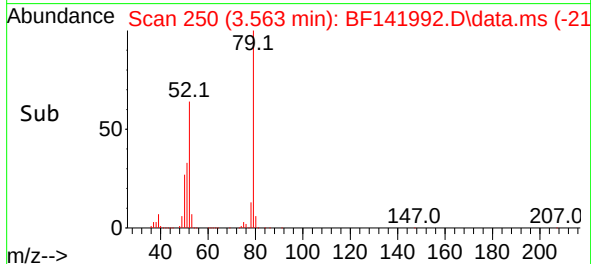
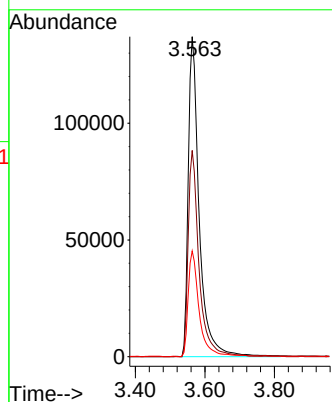
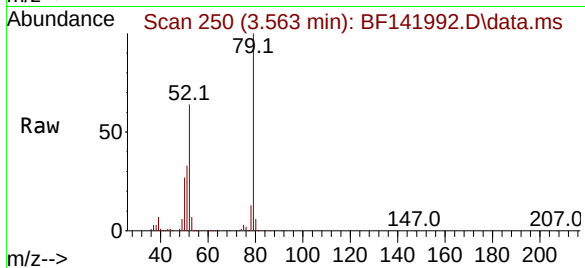
Tgt Ion: 79 Resp: 300215

Ion Ratio Lower Upper

79 100

52 64.5 53.3 79.9

51 33.1 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 38.728 ng

RT: 3.487 min Scan# 237

Delta R.T. 0.094 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

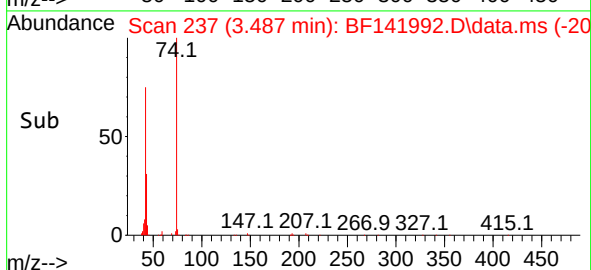
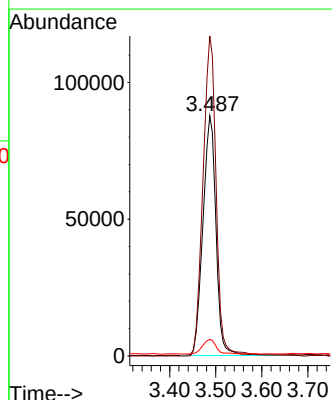
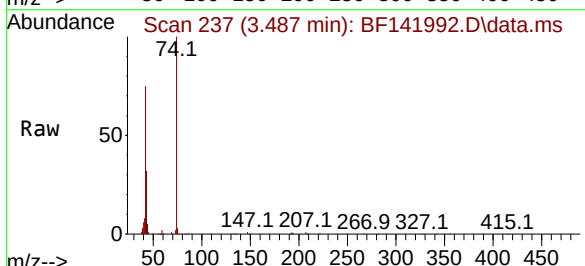
Tgt Ion: 42 Resp: 173633

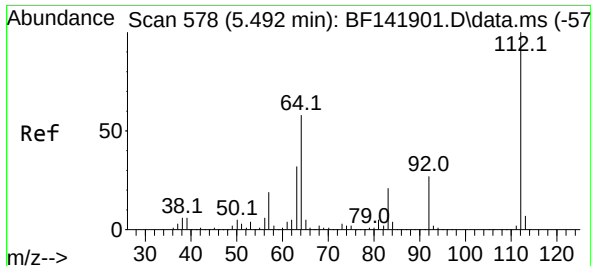
Ion Ratio Lower Upper

42 100

74 133.2 103.4 155.0

44 6.9 5.0 7.4

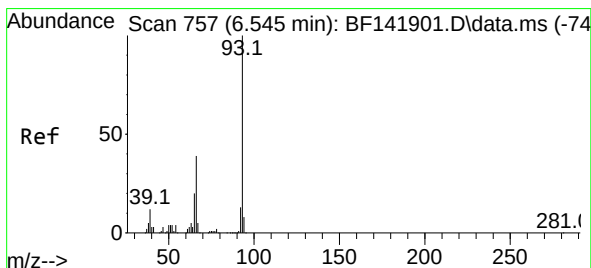
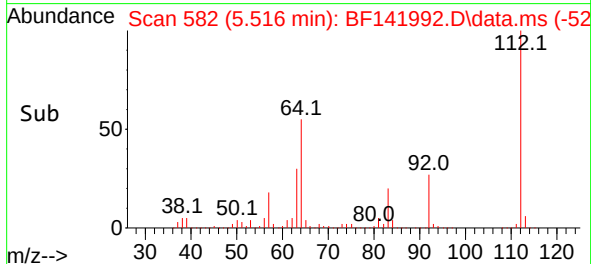
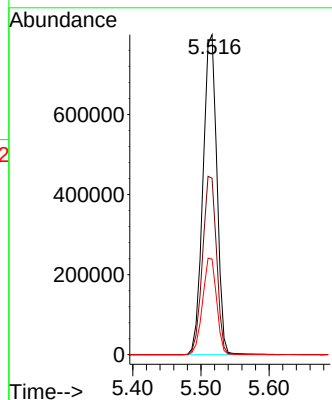
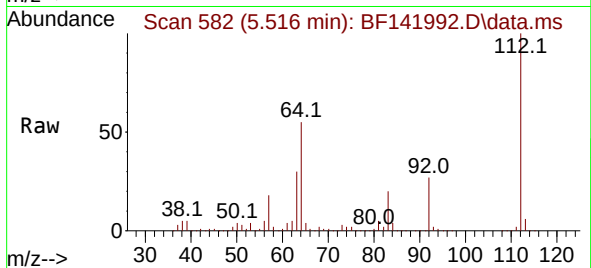




#5
2-Fluorophenol
Concen: 124.240 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

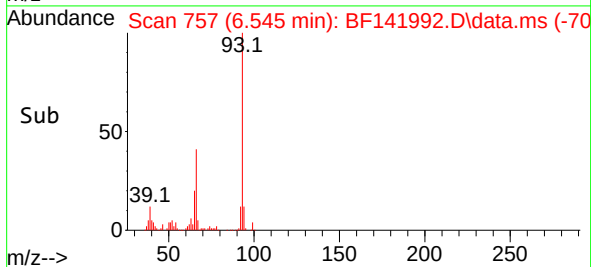
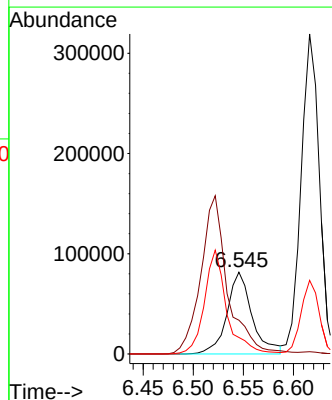
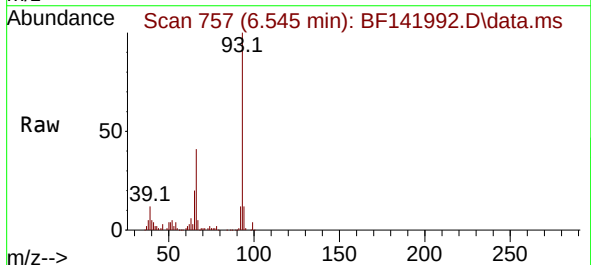
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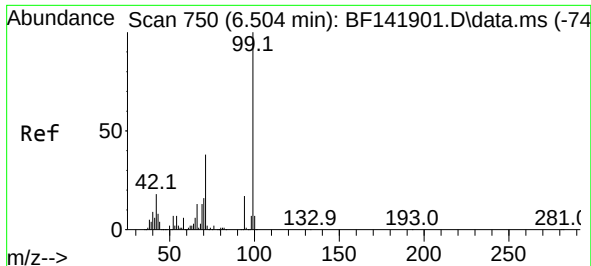
Tgt Ion:112 Resp: 1136926
Ion Ratio Lower Upper
112 100
64 55.2 46.5 69.7
63 29.9 25.4 38.2



#6
Aniline
Concen: 12.392 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion: 93 Resp: 142434
Ion Ratio Lower Upper
93 100
66 41.4 31.9 47.9
65 20.1 15.8 23.6

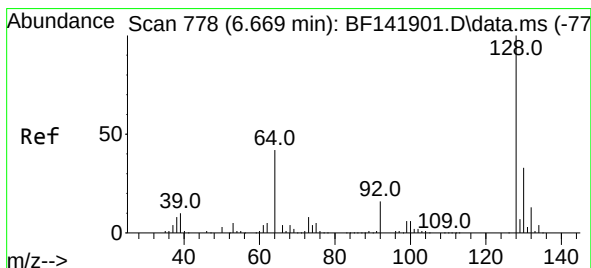
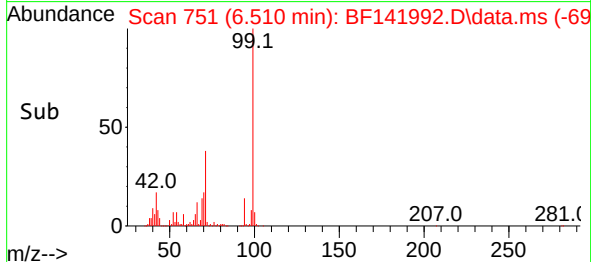
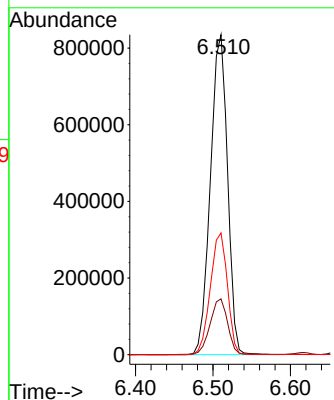
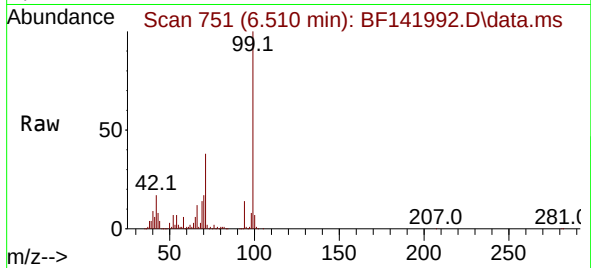




#7
Phenol-d6
Concen: 109.896 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

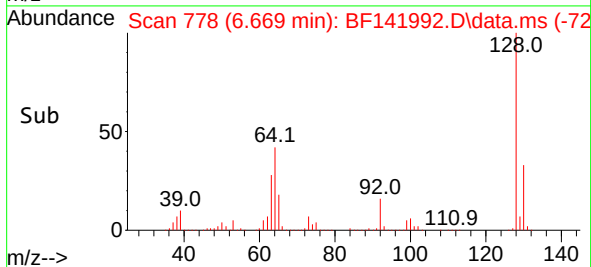
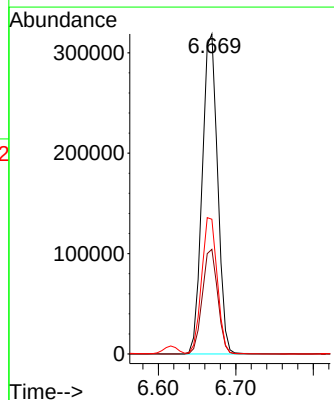
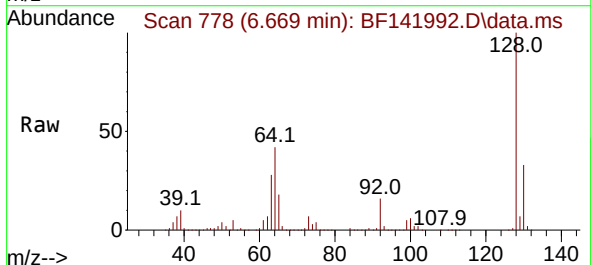
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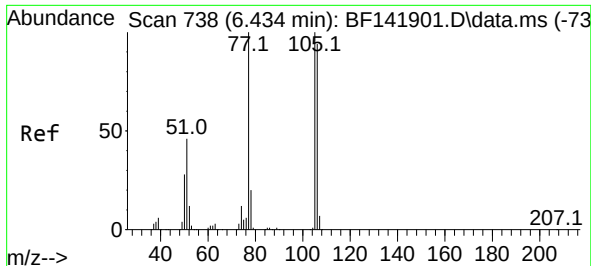
Tgt Ion: 99 Resp: 1280431
Ion Ratio Lower Upper
99 100
42 17.5 14.6 21.8
71 38.1 30.8 46.2



#8
2-Chlorophenol
Concen: 43.349 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion:128 Resp: 439960
Ion Ratio Lower Upper
128 100
130 32.7 12.8 52.8
64 42.1 24.4 64.4

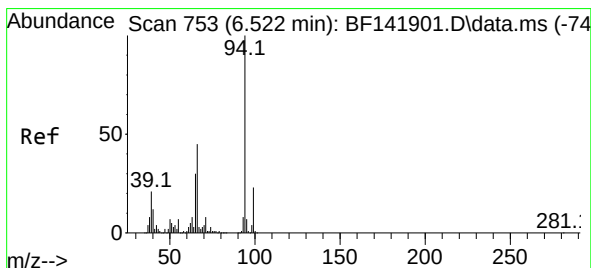
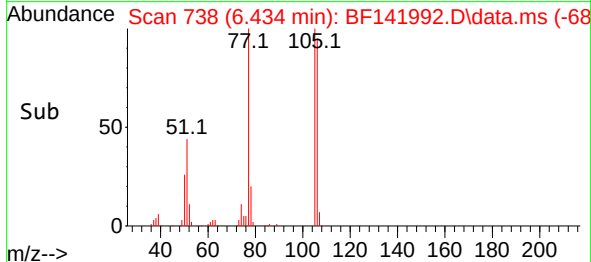
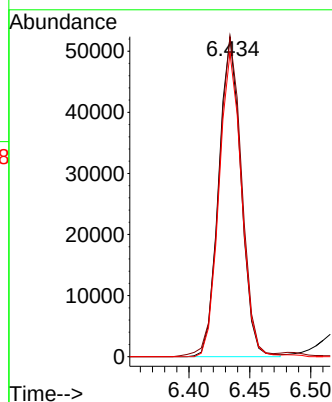
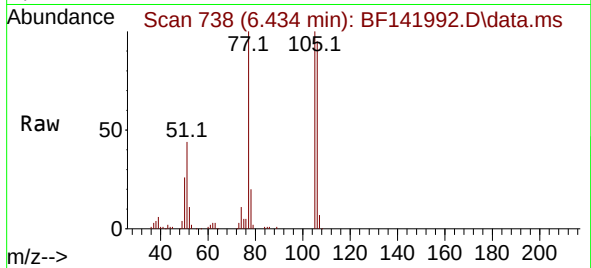




#9
Benzaldehyde
Concen: 10.214 ng
RT: 6.434 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

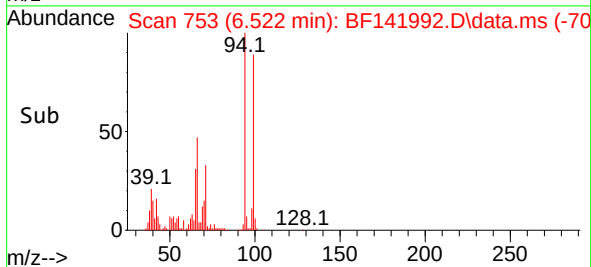
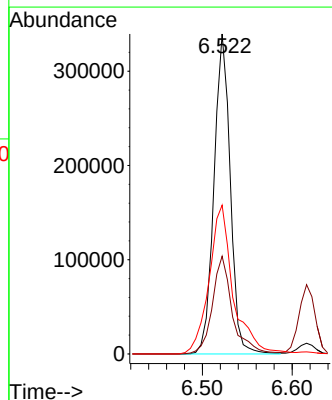
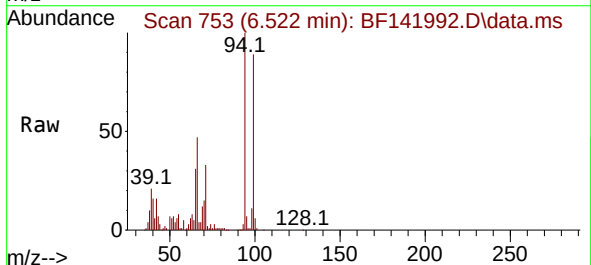
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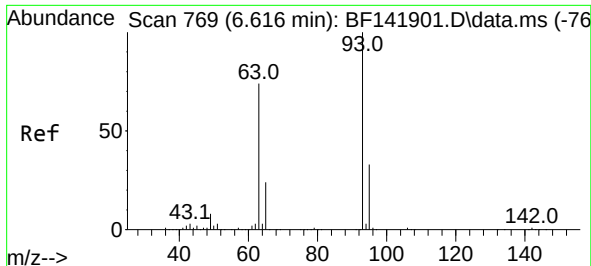
Tgt Ion: 77 Resp: 66556
Ion Ratio Lower Upper
77 100
105 100.2 80.0 120.0
106 95.1 74.5 114.5



#10
Phenol
Concen: 34.913 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF141992.D
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Tgt Ion: 94 Resp: 427945
Ion Ratio Lower Upper
94 100
65 30.5 10.5 50.5
66 46.5 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 43.521 ng

RT: 6.616 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

Instrument :

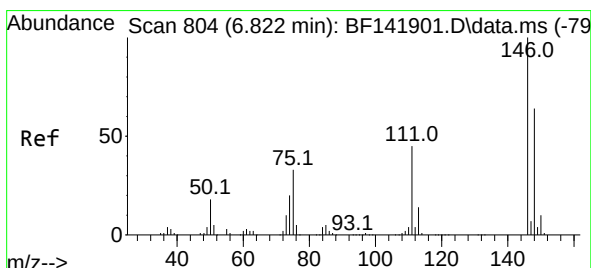
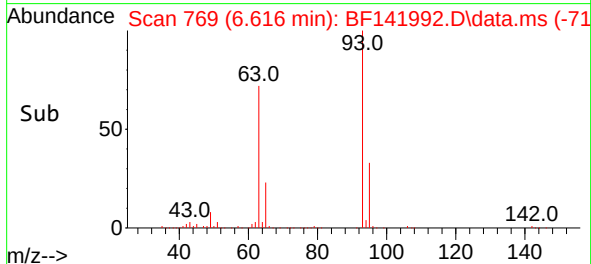
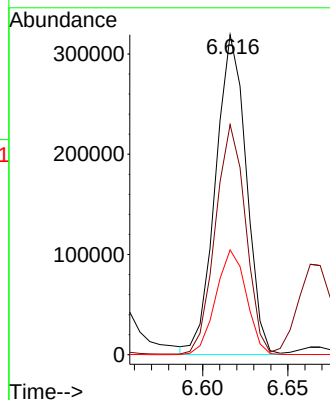
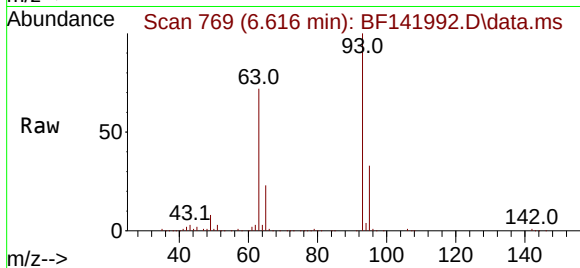
BNA_F

ClientSampleId :

JC-03-03132025MS

Tgt Ion: 93 Resp: 400564

Ion	Ratio	Lower	Upper
93	100		
63	71.9	53.0	93.0
95	32.7	12.9	52.9



#12

1,3-Dichlorobenzene

Concen: 42.435 ng

RT: 6.822 min Scan# 804

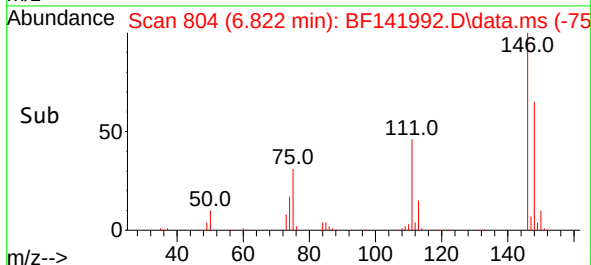
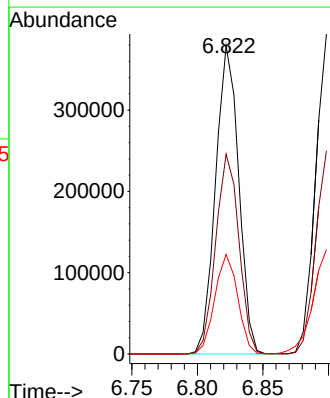
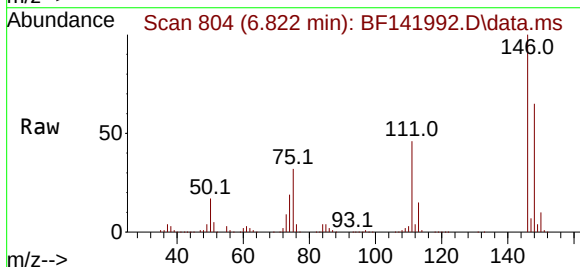
Delta R.T. 0.000 min

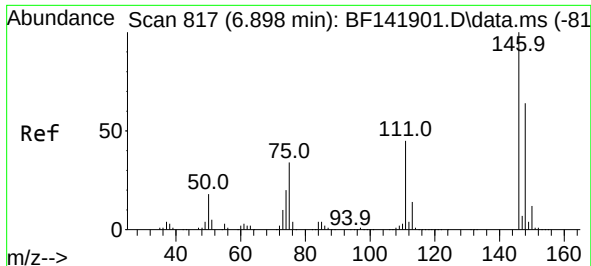
Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

Tgt Ion: 146 Resp: 464963

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.3	76.9
75	32.3	26.6	40.0

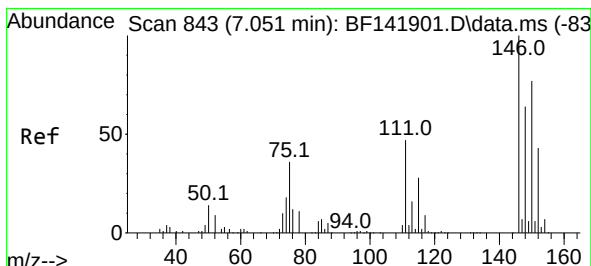
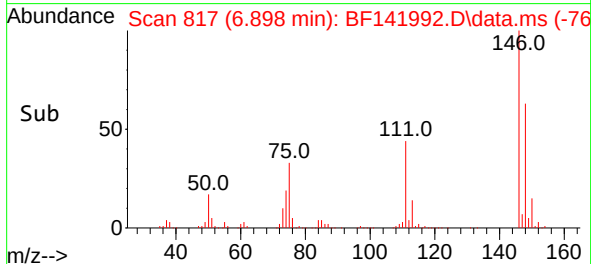
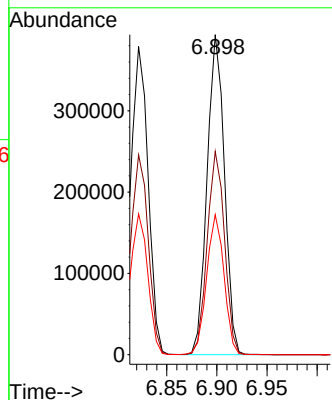
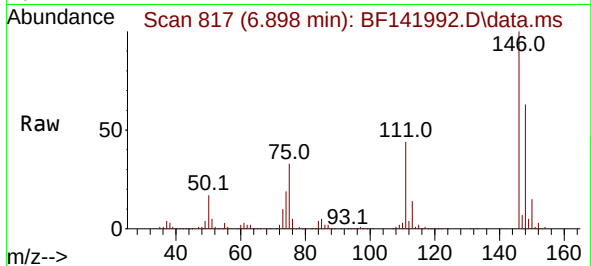




#13
1,4-Dichlorobenzene
Concen: 42.894 ng
RT: 6.898 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

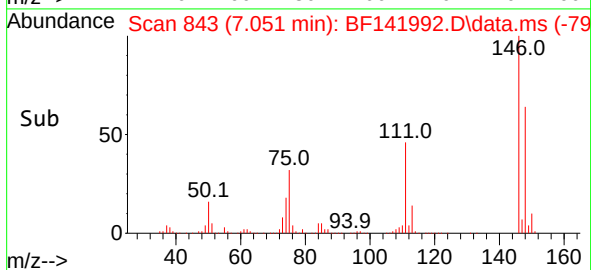
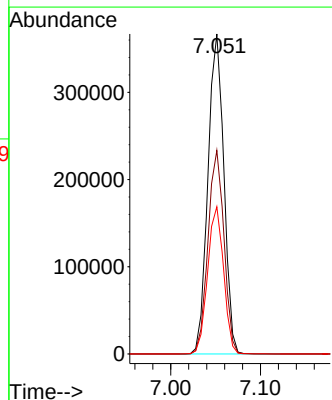
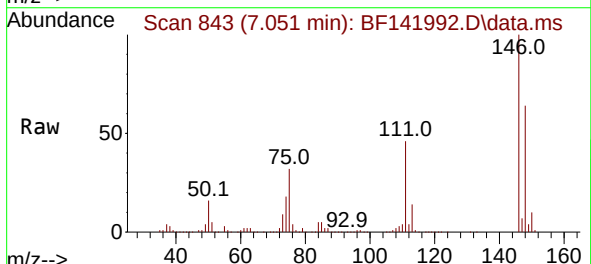
Instrument :
BNA_F
ClientSampleId :
JC-03-03132025MS

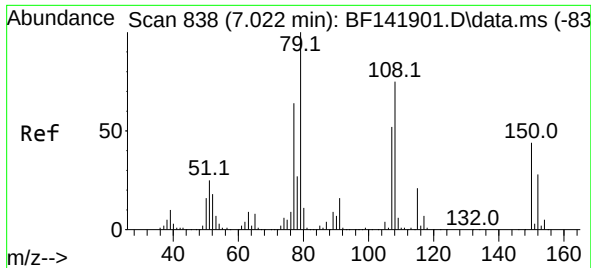
Tgt Ion:146 Resp: 475531
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.6
111 43.7 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 43.348 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion:146 Resp: 452650
Ion Ratio Lower Upper
146 100
148 63.6 50.8 76.2
111 46.0 38.0 57.0

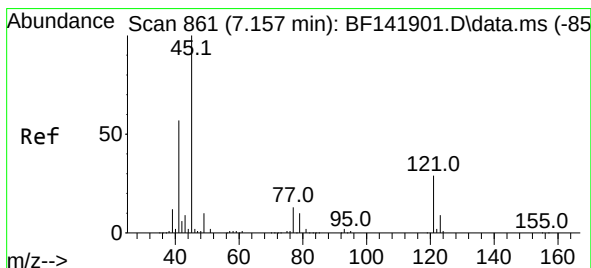
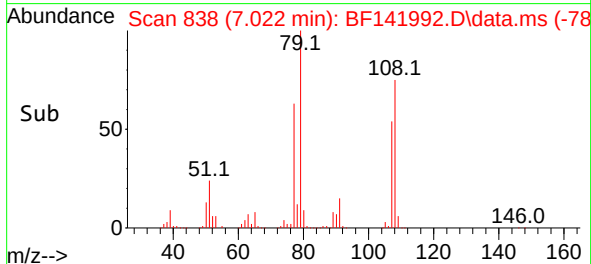
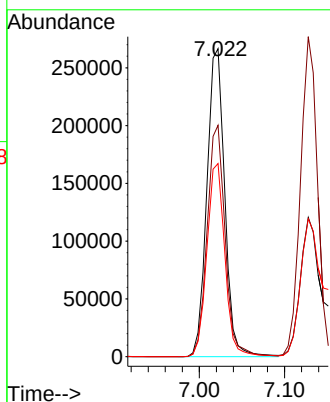
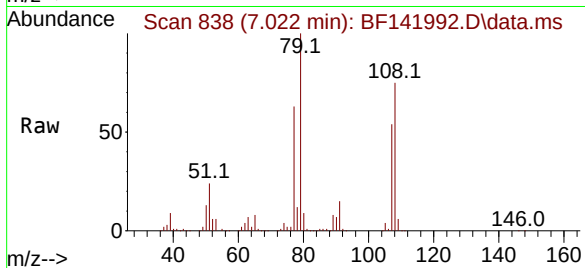




#15
Benzyl Alcohol
Concen: 41.169 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

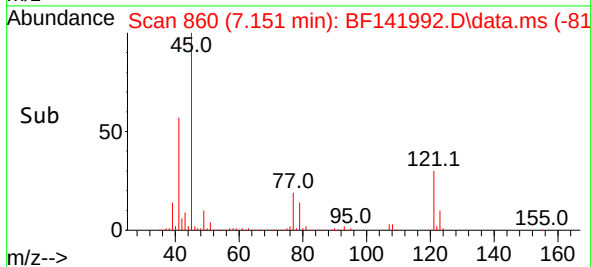
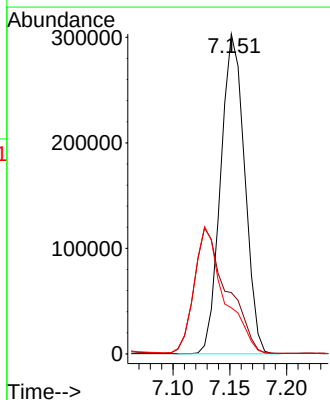
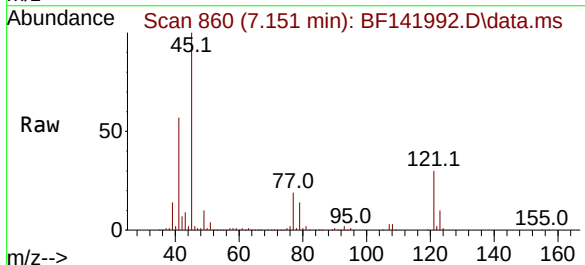
Instrument :
BNA_F
ClientSampleId :
JC-03-03132025MS

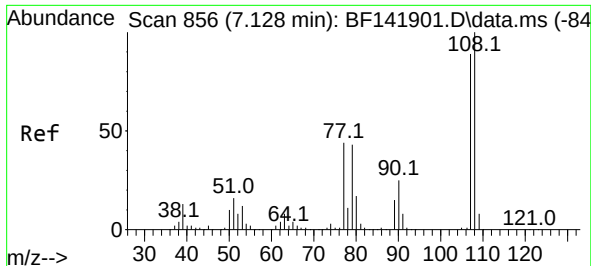
Tgt Ion: 79 Resp: 387785
Ion Ratio Lower Upper
79 100
108 75.1 59.7 89.5
77 62.7 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.969 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion: 45 Resp: 444126
Ion Ratio Lower Upper
45 100
77 19.2 0.0 37.8
79 14.5 0.0 34.2

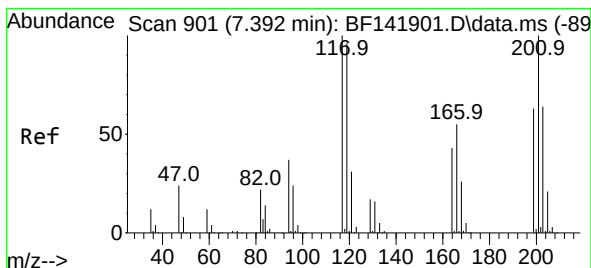
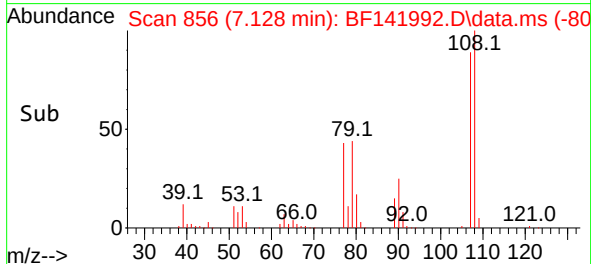
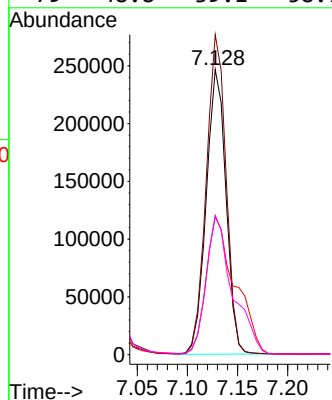
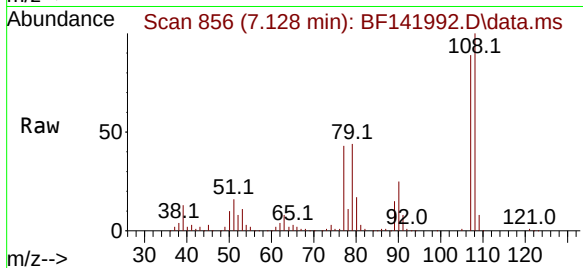




#17
2-Methylphenol
Concen: 42.058 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

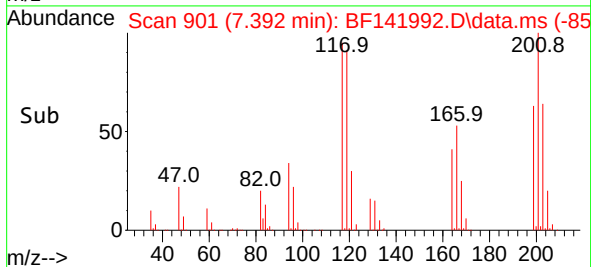
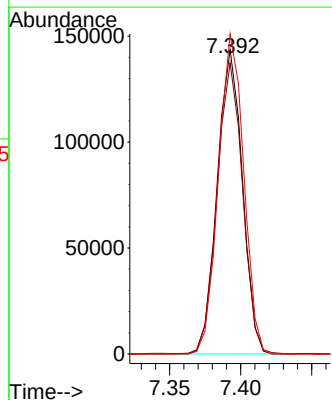
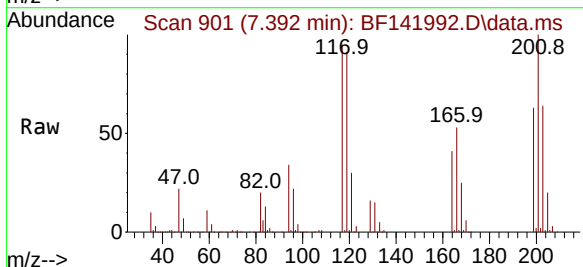
Instrument :
BNA_F
ClientSampleId :
JC-03-03132025MS

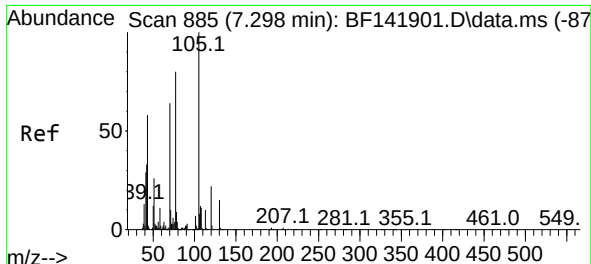
Tgt Ion:	107	Resp:	339393
Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.2	135.2
77	48.3	39.6	59.4
79	48.8	39.1	58.7



#18
Hexachloroethane
Concen: 42.521 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion:	117	Resp:	176772
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.9	115.3
201	105.2	79.9	119.9

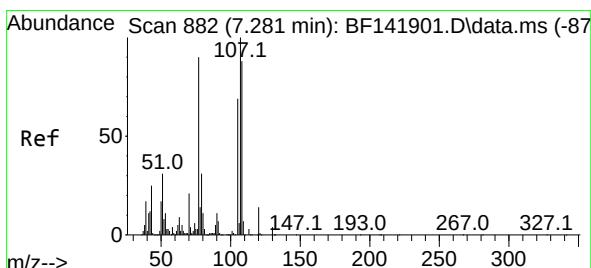
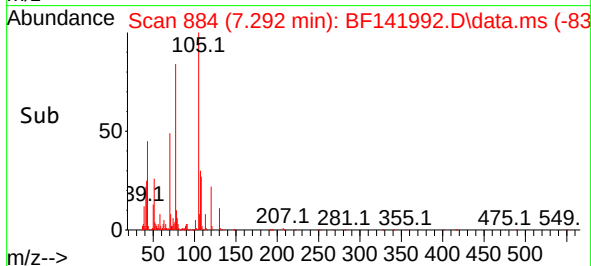
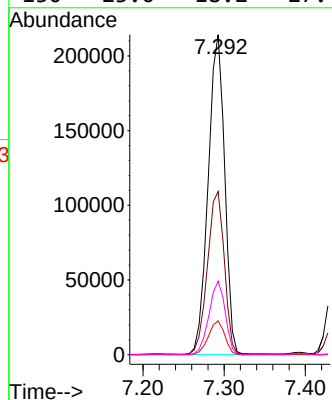
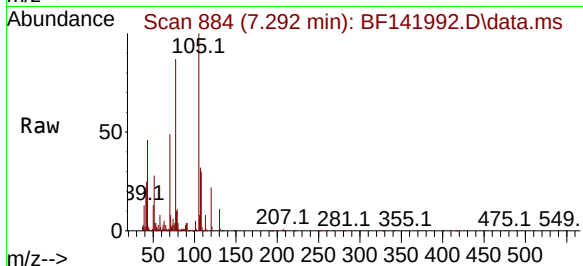




#19
n-Nitroso-di-n-propylamine
Concen: 40.270 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

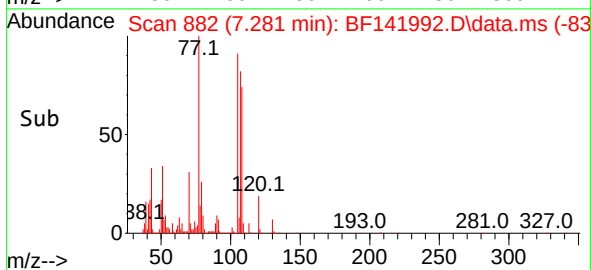
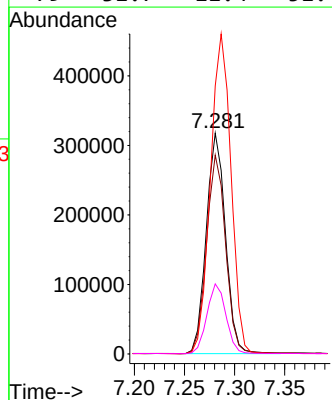
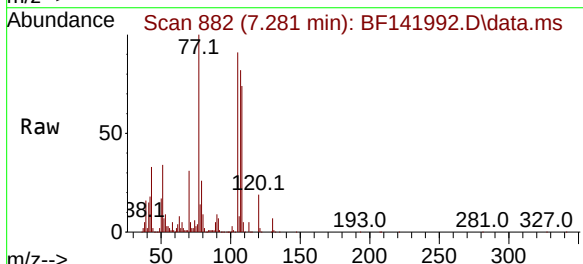
Instrument :
BNA_F
ClientSampleId :
JC-03-03132025MS

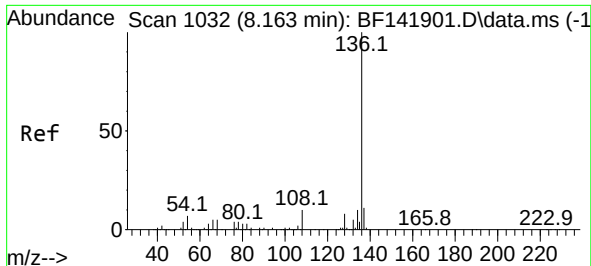
Tgt Ion: 70 Resp: 301483
Ion Ratio Lower Upper
70 100
42 51.0 41.4 62.0
101 10.6 8.2 12.2
130 23.0 18.2 27.4



#20
3+4-Methylphenols
Concen: 40.945 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion:107 Resp: 423212
Ion Ratio Lower Upper
107 100
108 90.0 68.4 108.4
77 121.4 69.7 109.7#
79 31.7 11.4 51.4

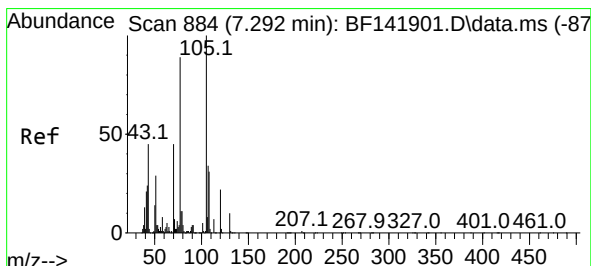
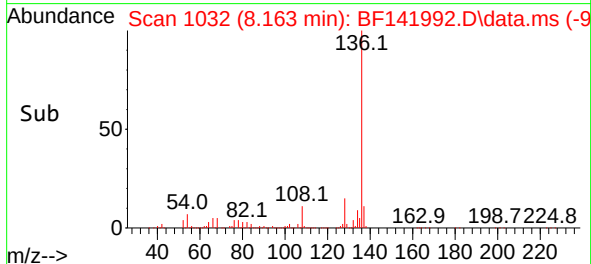
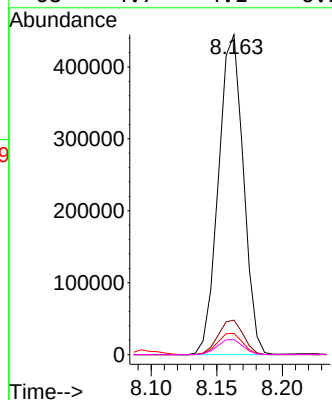
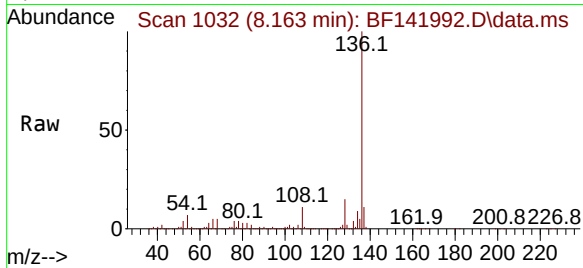




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

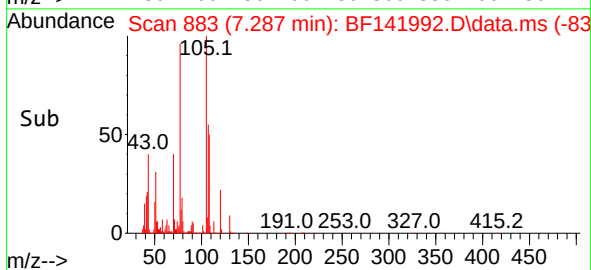
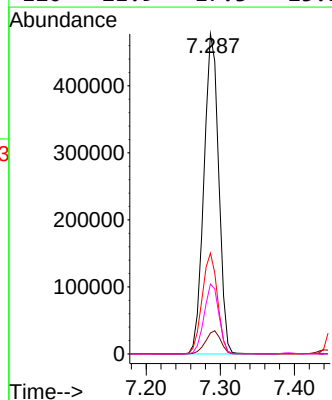
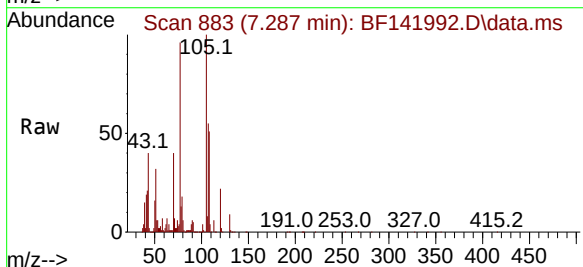
Instrument :
BNA_F
ClientSampleId :
JC-03-03132025MS

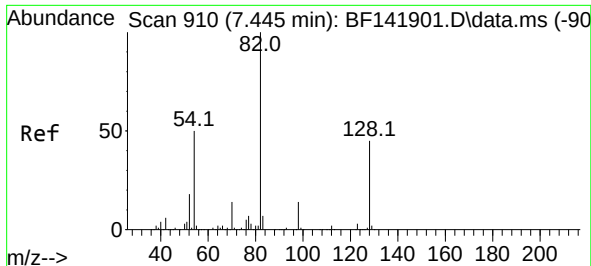
Tgt Ion:	136	Resp:	588011
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.8	13.2
54	6.6	5.8	8.8
68	4.7	4.1	6.1



#22
Acetophenone
Concen: 47.100 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion:	105	Resp:	663243
Ion Ratio	Lower	Upper	
105	100		
71	6.5	5.8	8.8
51	31.5	23.4	35.0
120	21.9	17.3	25.9





#23

Nitrobenzene-d5

Concen: 96.556 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

Instrument :

BNA_F

ClientSampleId :

JC-03-03132025MS

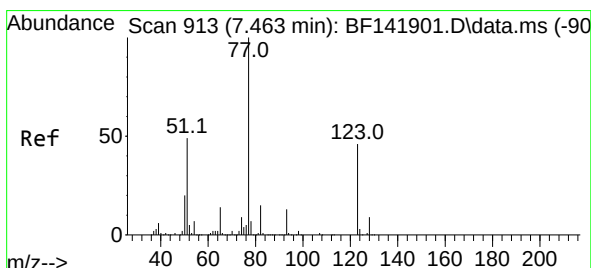
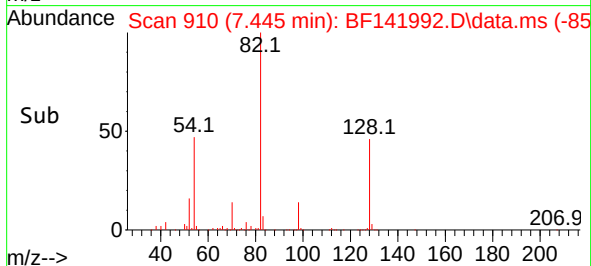
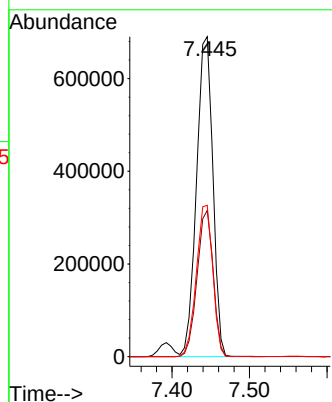
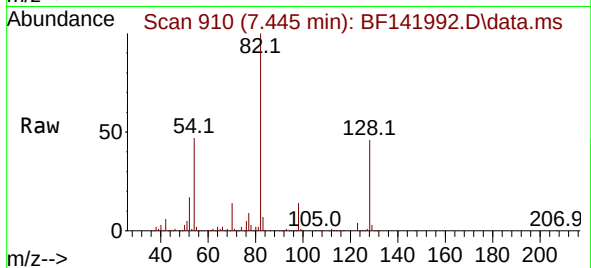
Tgt Ion: 82 Resp: 1008886

Ion Ratio Lower Upper

82 100

128 45.7 36.0 54.0

54 47.3 39.6 59.4



#24

Nitrobenzene

Concen: 44.385 ng

RT: 7.463 min Scan# 913

Delta R.T. 0.000 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

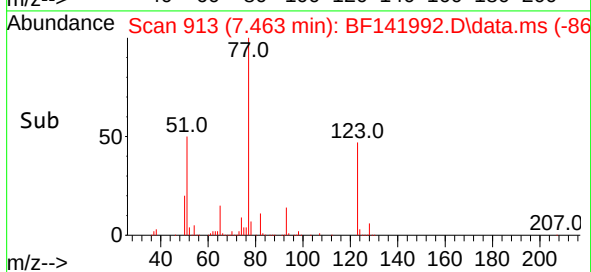
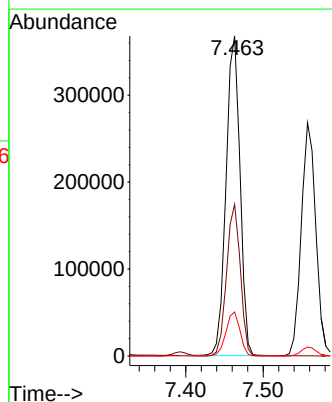
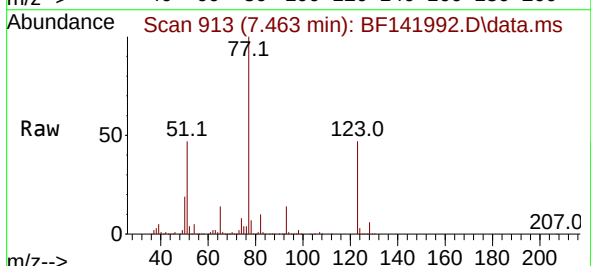
Tgt Ion: 77 Resp: 461040

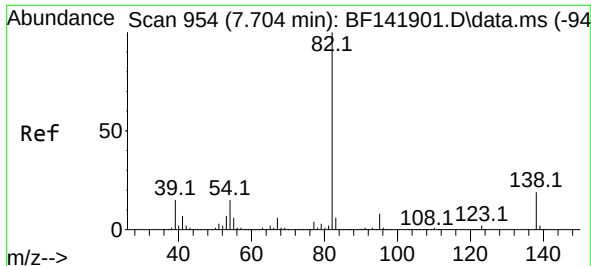
Ion Ratio Lower Upper

77 100

123 47.4 37.0 55.4

65 13.7 11.3 16.9

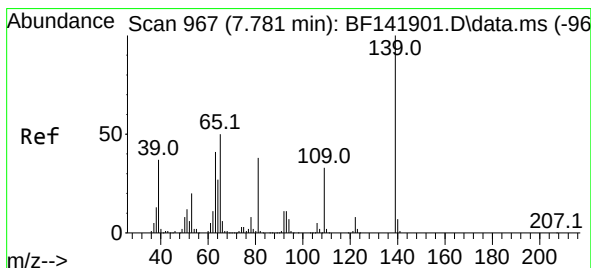
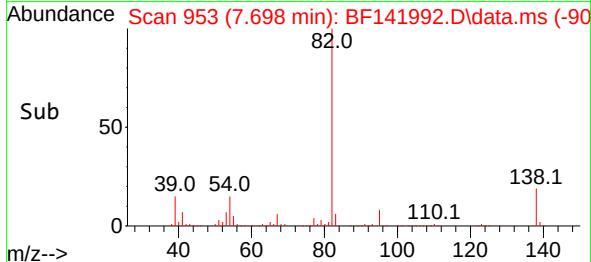
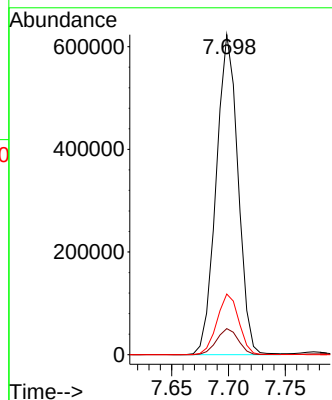
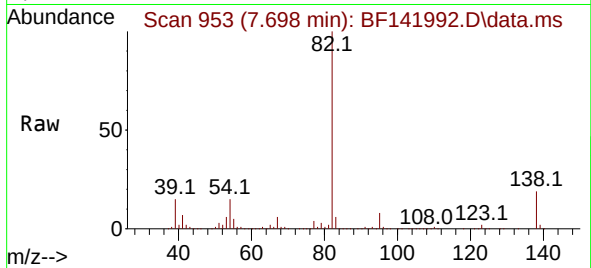




#25
Isophorone
Concen: 45.100 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

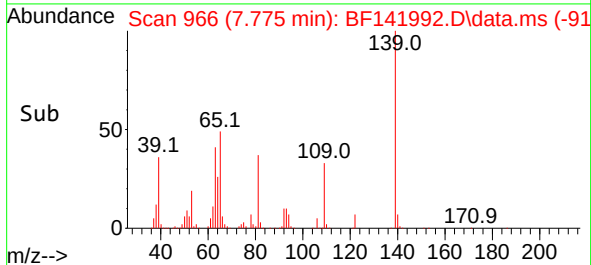
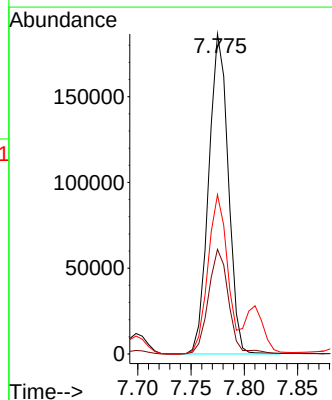
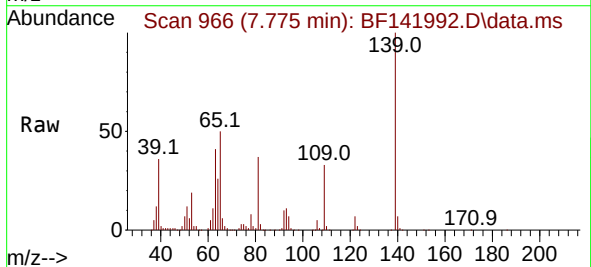
Instrument :
BNA_F
ClientSampleId :
JC-03-03132025MS

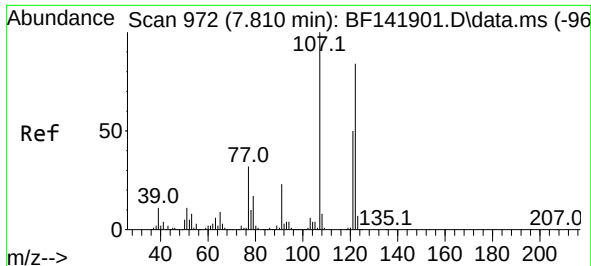
Tgt Ion: 82 Resp: 832994
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 18.9 14.9 22.3



#26
2-Nitrophenol
Concen: 46.815 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion:139 Resp: 238666
Ion Ratio Lower Upper
139 100
109 32.7 26.5 39.7
65 49.8 40.3 60.5

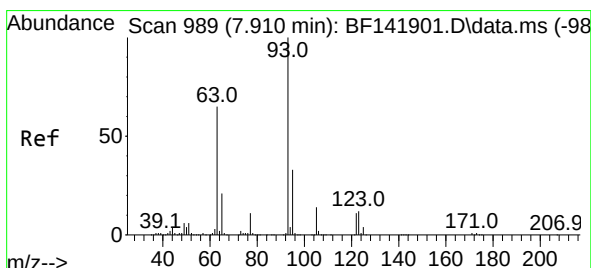
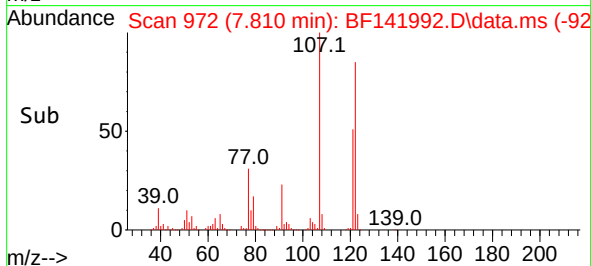
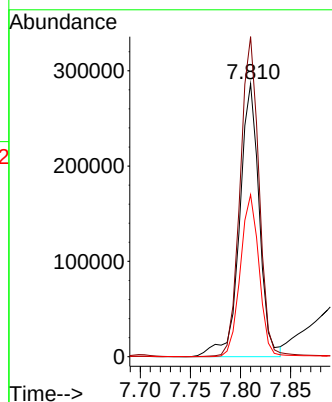
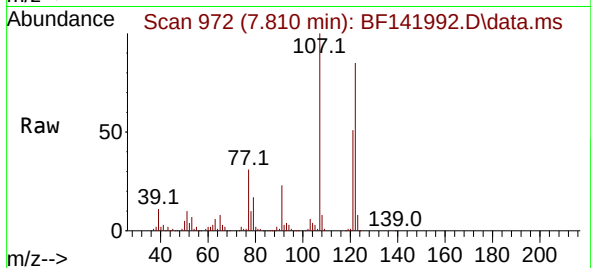




#27
2,4-Dimethylphenol
Concen: 55.634 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

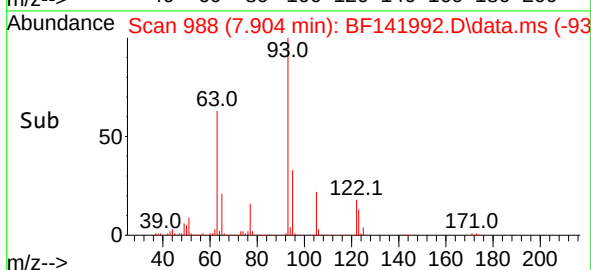
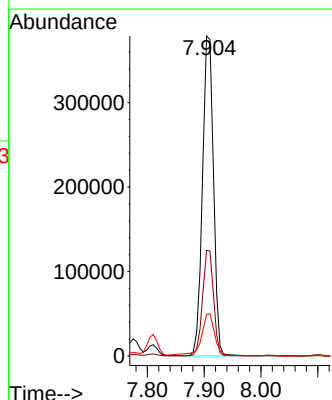
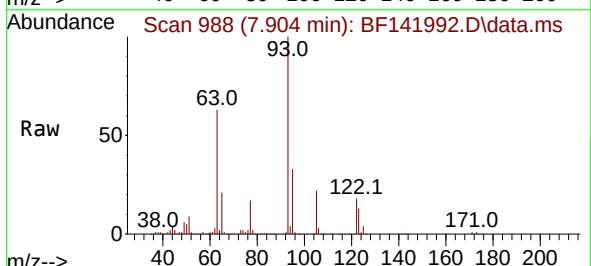
Instrument :
BNA_F
ClientSampleId :
JC-03-03132025MS

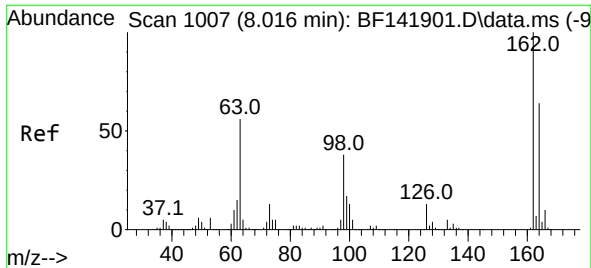
Tgt Ion:122 Resp: 390542
Ion Ratio Lower Upper
122 100
107 117.2 94.8 142.2
121 59.3 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.195 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion: 93 Resp: 511976
Ion Ratio Lower Upper
93 100
95 33.0 26.6 40.0
123 13.0 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 43.834 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

Instrument :

BNA_F

ClientSampleId :

JC-03-03132025MS

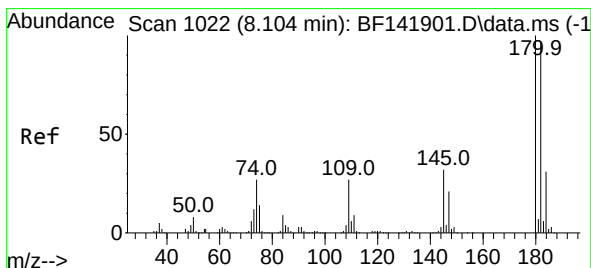
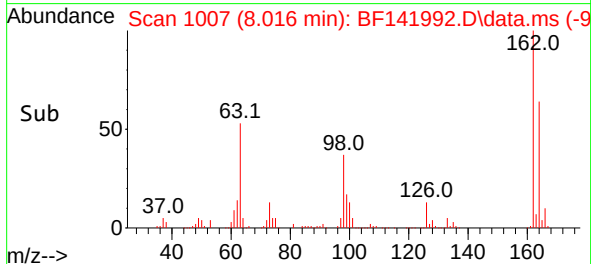
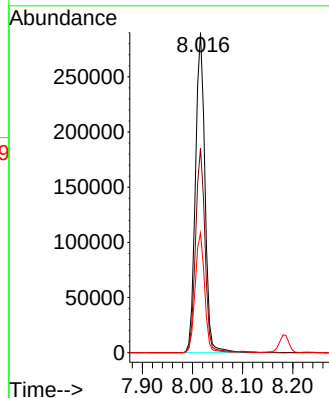
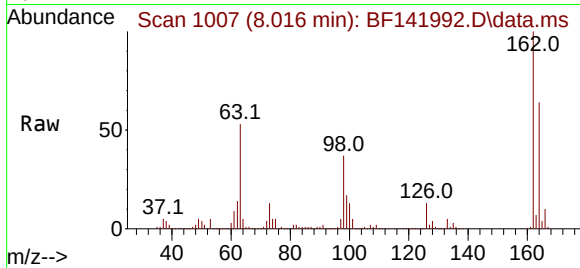
Tgt Ion:162 Resp: 381941

Ion Ratio Lower Upper

162 100

164 63.9 43.8 83.8

98 37.4 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 43.768 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

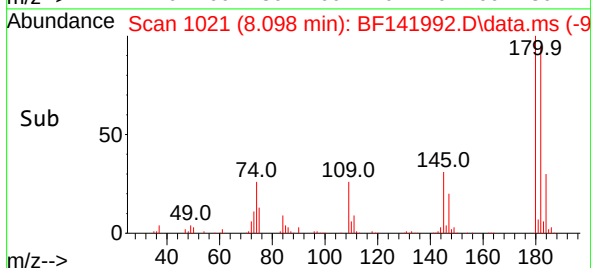
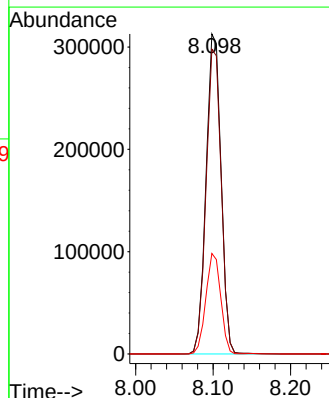
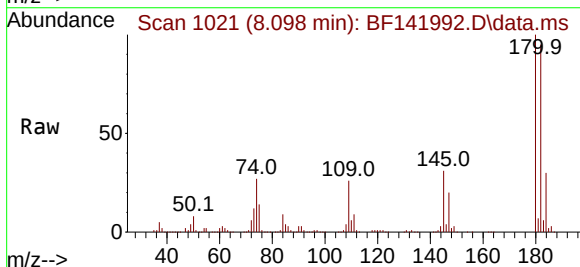
Tgt Ion:180 Resp: 420277

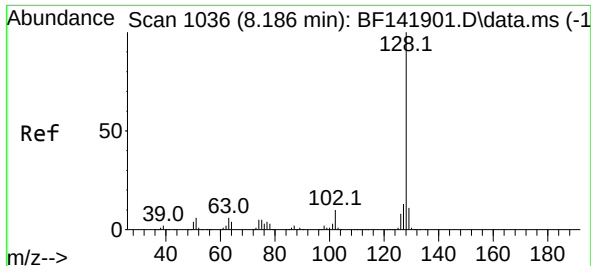
Ion Ratio Lower Upper

180 100

182 95.3 77.5 116.3

145 31.4 25.8 38.6

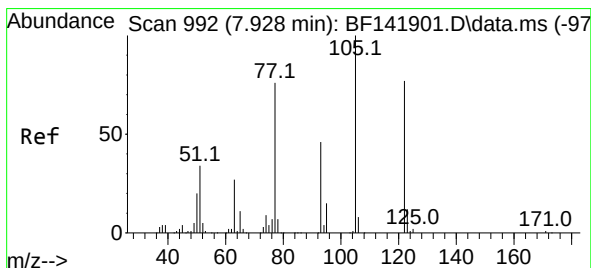
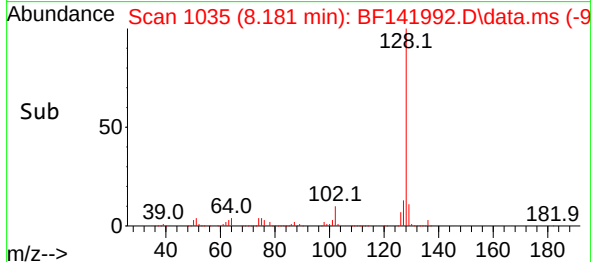
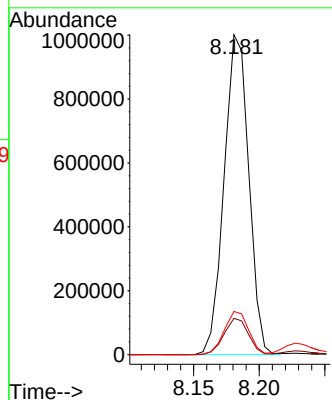
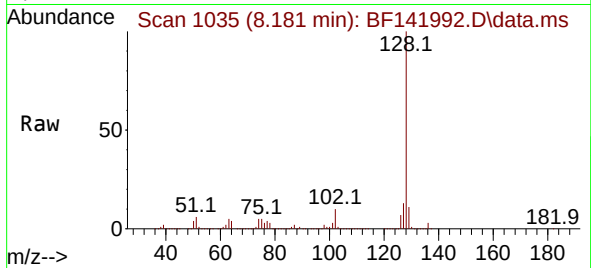




#31
Naphthalene
Concen: 43.355 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

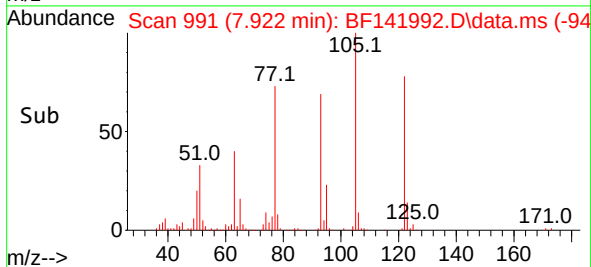
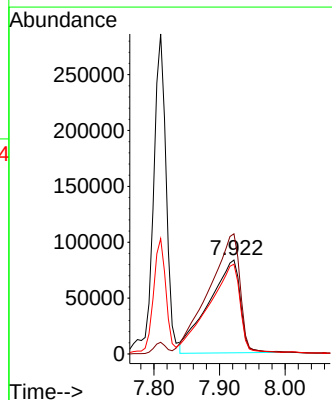
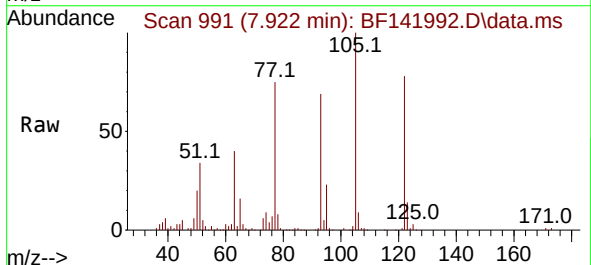
Instrument :
BNA_F
ClientSampleId :
JC-03-03132025MS

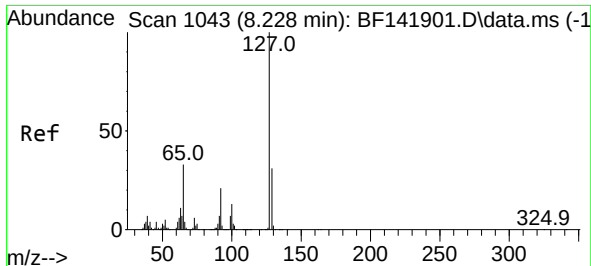
Tgt Ion:128 Resp: 1309559
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 45.153 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion:122 Resp: 278626
Ion Ratio Lower Upper
122 100
105 127.9 107.9 147.9
77 95.5 79.0 119.0

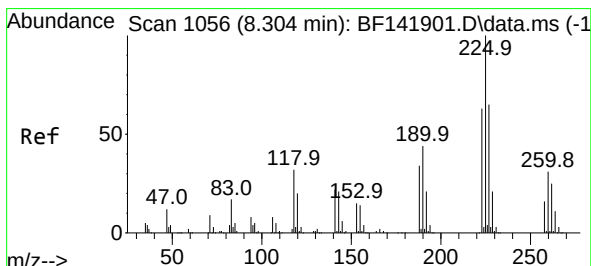
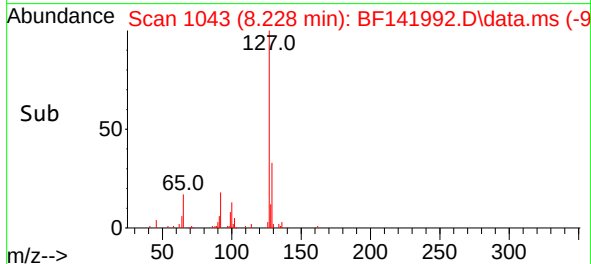
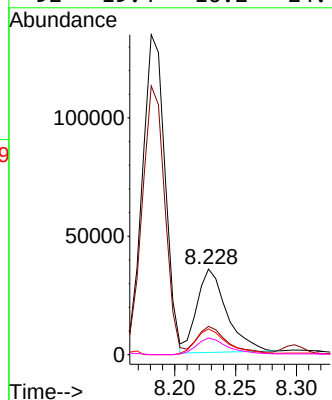
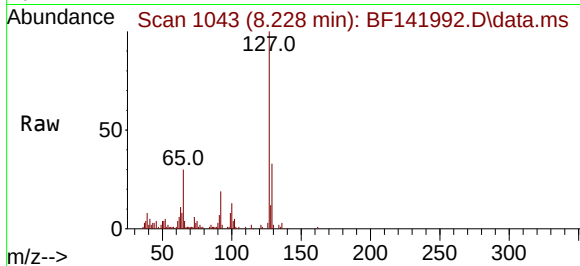




#33
4-Chloroaniline
Concen: 5.608 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

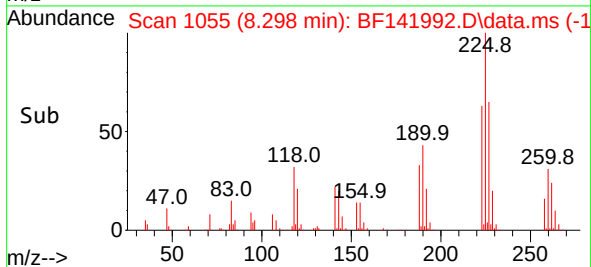
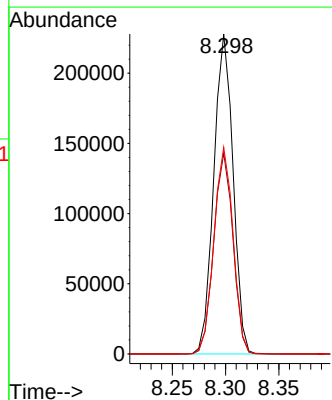
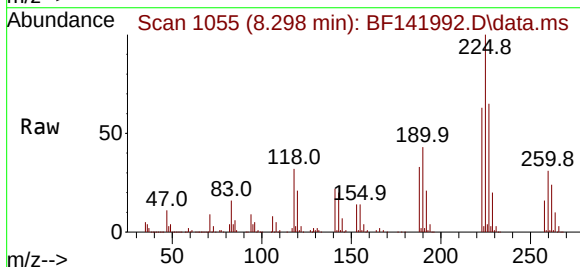
Instrument :
BNA_F
ClientSampleId :
JC-03-03132025MS

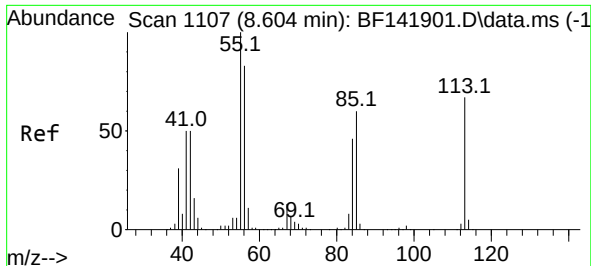
Tgt Ion:	127	Resp:	59797
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.4
65	30.2	25.4	38.2
92	19.4	16.2	24.4



#34
Hexachlorobutadiene
Concen: 45.629 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion:	225	Resp:	285735
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	75.8
227	64.6	52.2	78.2

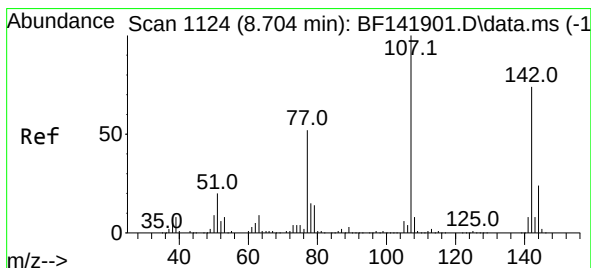
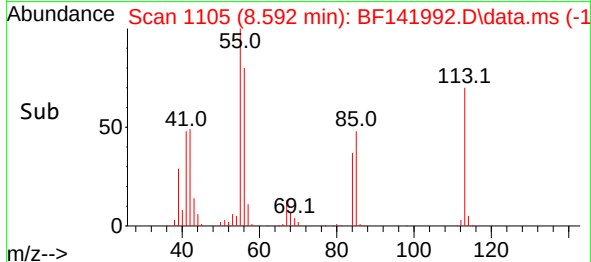
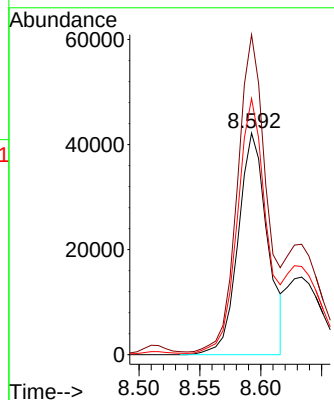
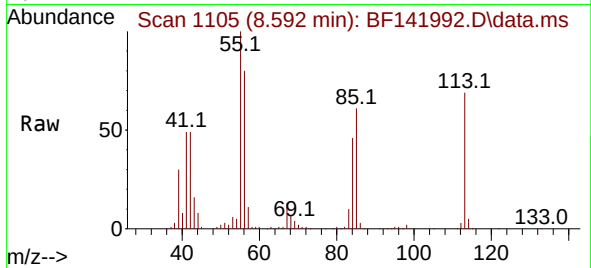




#35
 Caprolactam
 Concen: 26.537 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.012 min
 Lab File: BF141992.D
 Acq: 18 Mar 2025 13:01

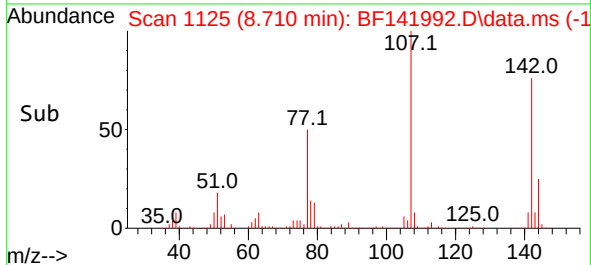
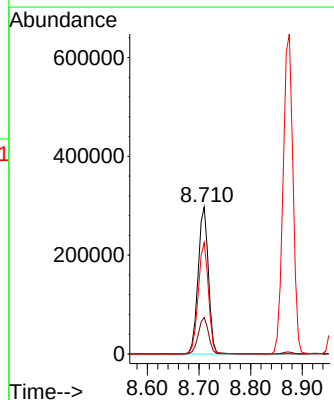
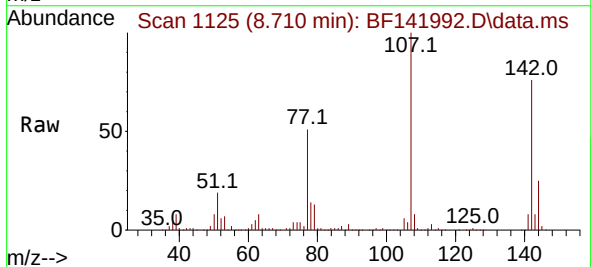
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-03132025MS

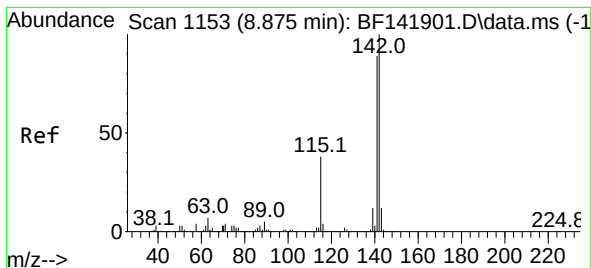
Tgt Ion:113 Resp: 70494
 Ion Ratio Lower Upper
 113 100
 55 144.4 129.6 169.6
 56 115.6 104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.320 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF141992.D
 Acq: 18 Mar 2025 13:01

Tgt Ion:107 Resp: 411335
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.0 28.6
 142 75.9 59.2 88.8





#37

2-Methylnaphthalene

Concen: 42.350 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

Instrument :

BNA_F

ClientSampleId :

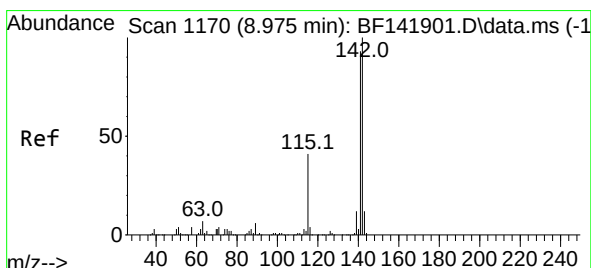
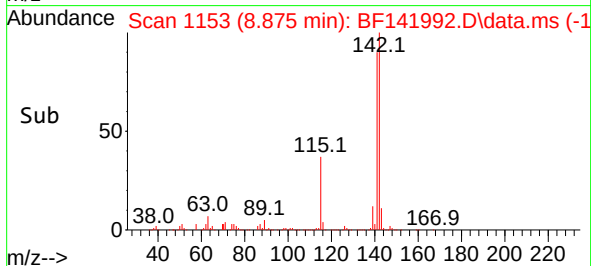
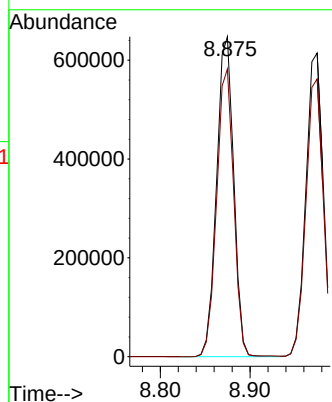
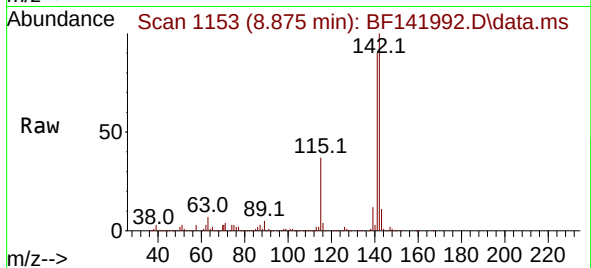
JC-03-03132025MS

Tgt Ion:142 Resp: 855032

Ion Ratio Lower Upper

142 100

141 89.9 71.2 106.8



#38

1-Methylnaphthalene

Concen: 42.063 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF141992.D

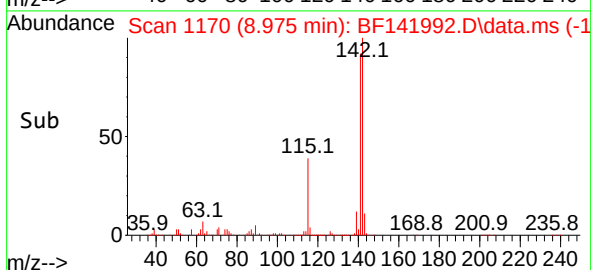
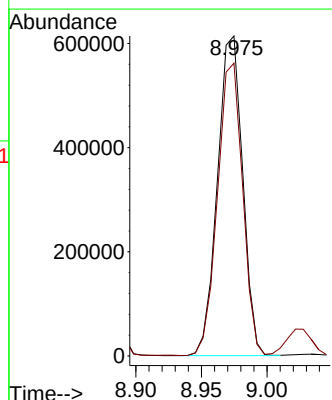
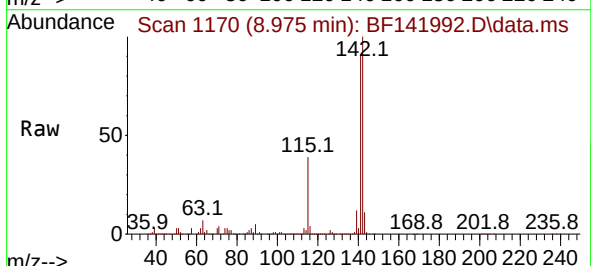
Acq: 18 Mar 2025 13:01

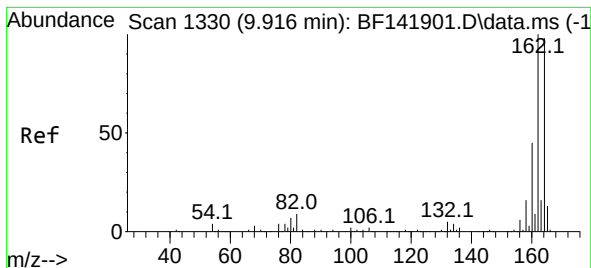
Tgt Ion:142 Resp: 819498

Ion Ratio Lower Upper

142 100

141 91.5 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141992.D

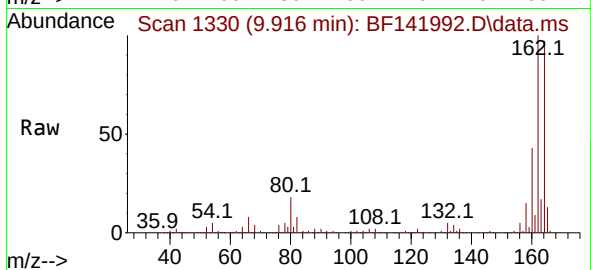
Acq: 18 Mar 2025 13:01

Instrument :

BNA_F

ClientSampleId :

JC-03-03132025MS



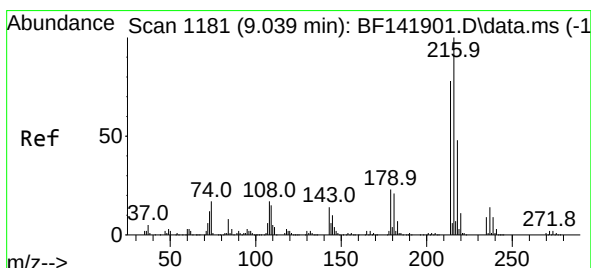
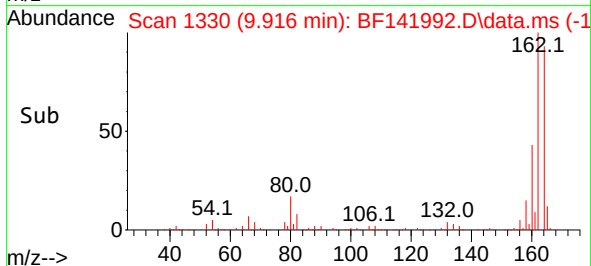
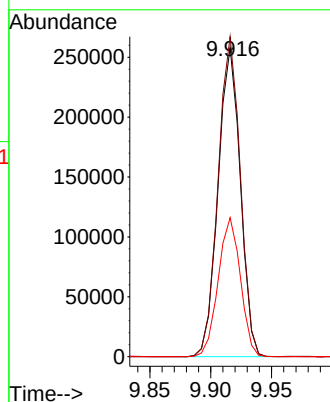
Tgt Ion:164 Resp: 327264

Ion Ratio Lower Upper

164 100

162 103.5 81.8 122.6

160 45.0 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.085 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

Tgt Ion:216 Resp: 499037

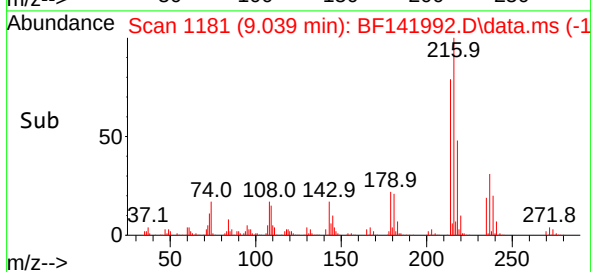
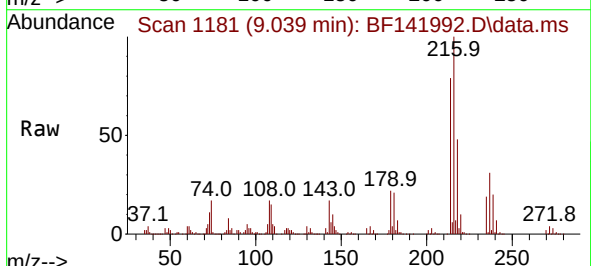
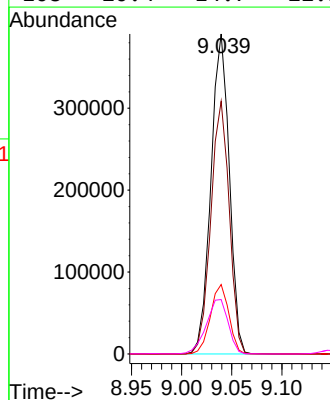
Ion Ratio Lower Upper

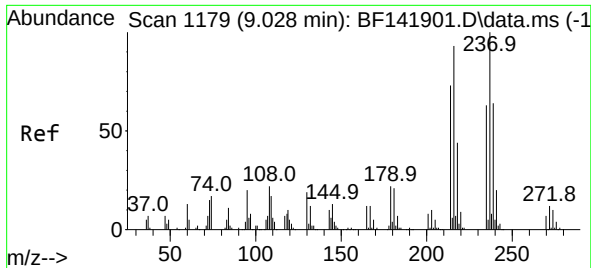
216 100

214 79.0 61.9 92.9

179 21.8 18.1 27.1

108 20.4 14.7 22.1

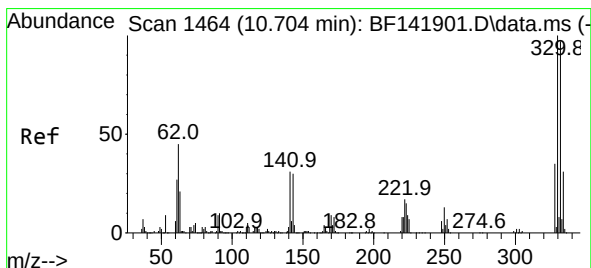
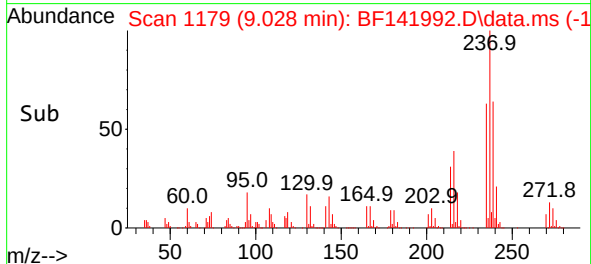
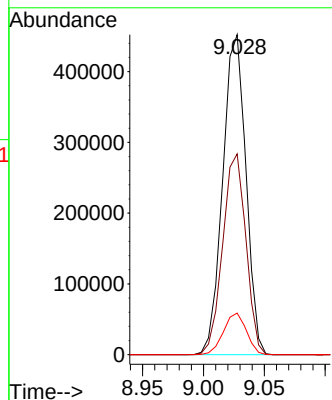
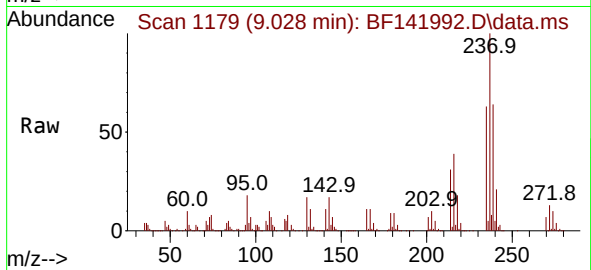




#41
Hexachlorocyclopentadiene
Concen: 153.756 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

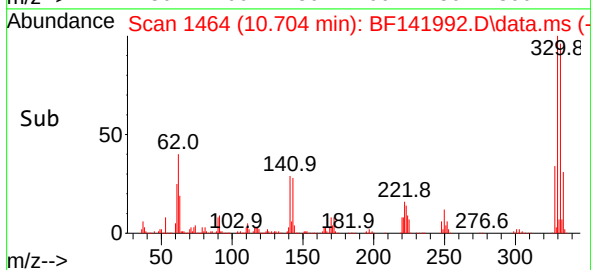
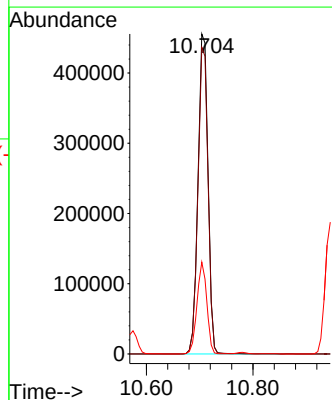
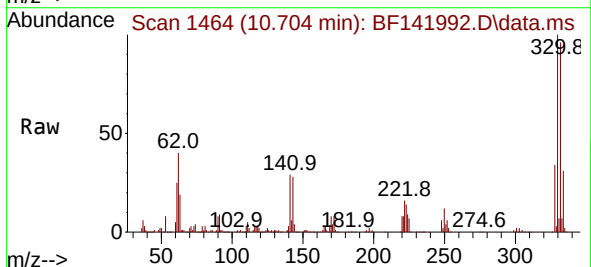
Instrument :
BNA_F
ClientSampleId :
JC-03-03132025MS

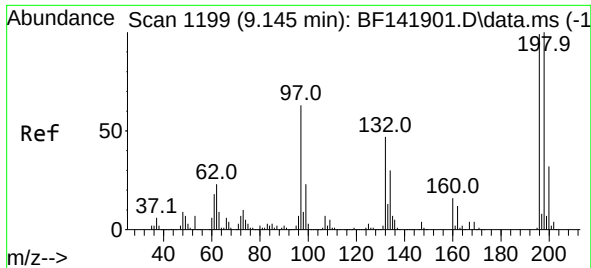
Tgt Ion:237 Resp: 599566
Ion Ratio Lower Upper
237 100
235 62.7 43.1 83.1
272 13.0 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 143.245 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion:330 Resp: 594720
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 28.1 24.7 37.1

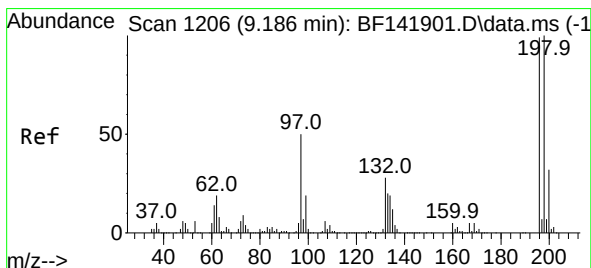
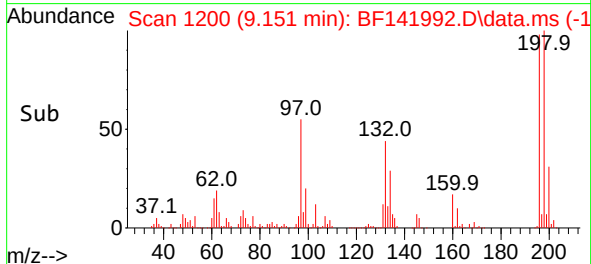
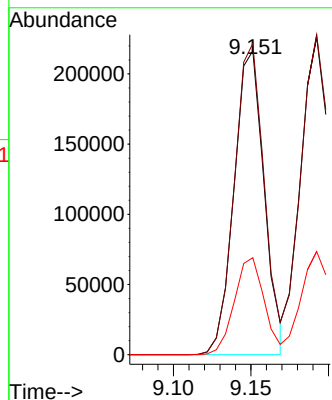
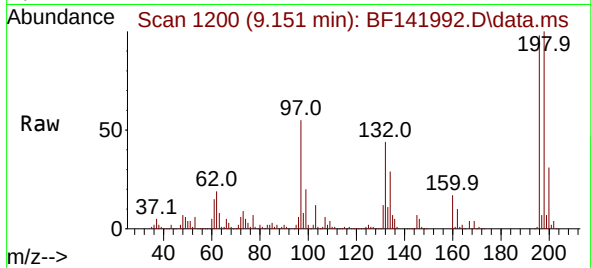




#43
2,4,6-Trichlorophenol
Concen: 44.778 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

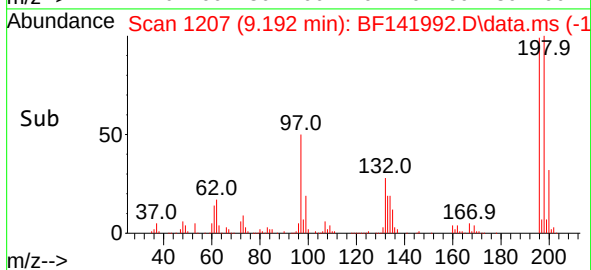
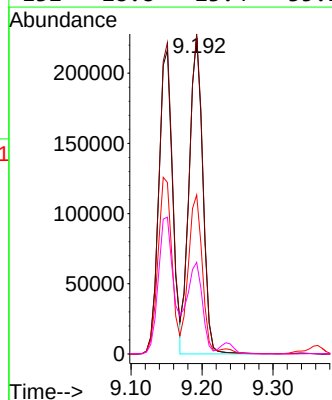
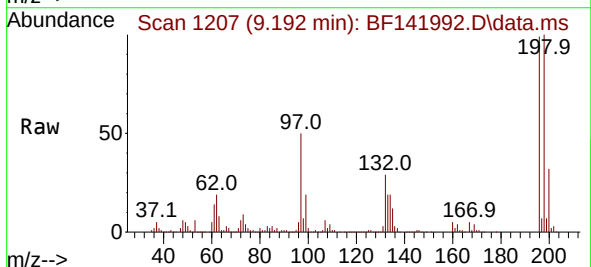
Instrument :
BNA_F
ClientSampleId :
JC-03-03132025MS

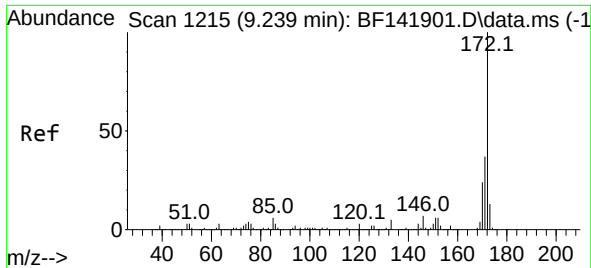
Tgt Ion:196 Resp: 291587
Ion Ratio Lower Upper
196 100
198 102.4 80.6 121.0
200 31.9 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 45.761 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion:196 Resp: 301802
Ion Ratio Lower Upper
196 100
198 100.8 80.7 121.1
97 50.1 42.1 63.1
132 28.8 23.4 35.2

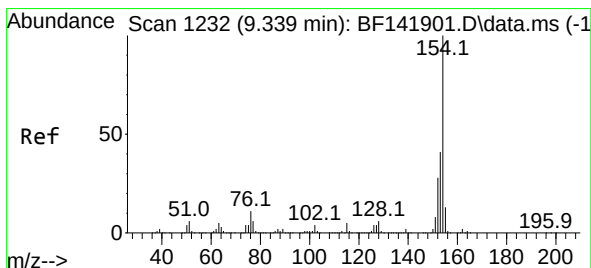
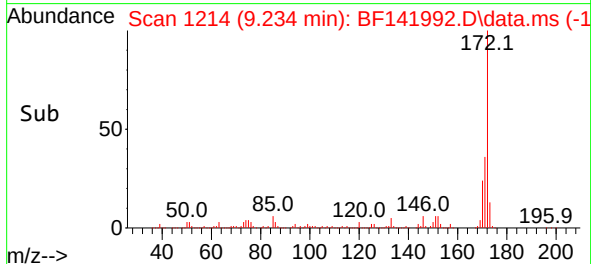
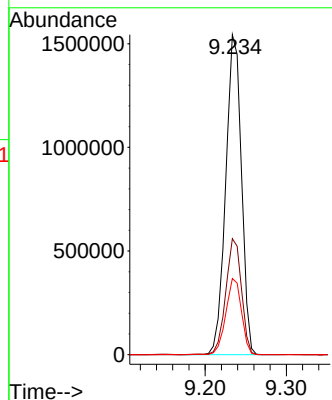
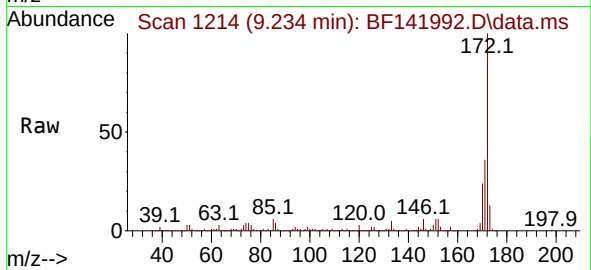




#45
2-Fluorobiphenyl
Concen: 96.770 ng
RT: 9.234 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

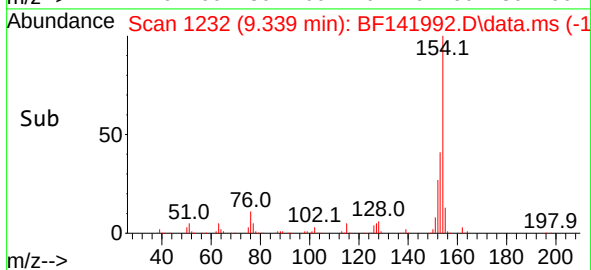
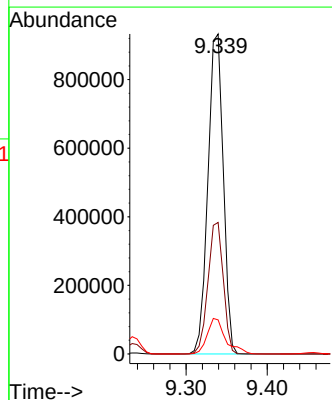
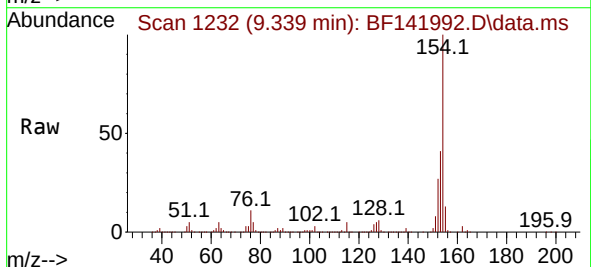
Instrument :
BNA_F
ClientSampleId :
JC-03-03132025MS

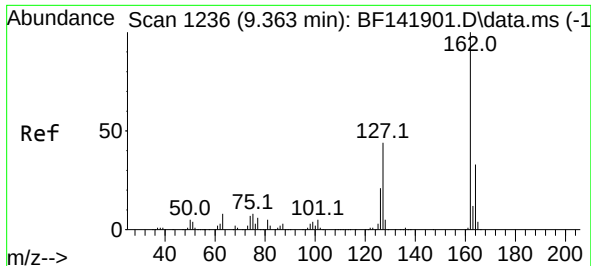
Tgt Ion:172 Resp: 2082406
Ion Ratio Lower Upper
172 100
171 36.2 29.3 43.9
170 23.8 19.4 29.0



#46
1,1'-Biphenyl
Concen: 49.193 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion:154 Resp: 1223225
Ion Ratio Lower Upper
154 100
153 41.1 21.1 61.1
76 10.7 0.0 31.3

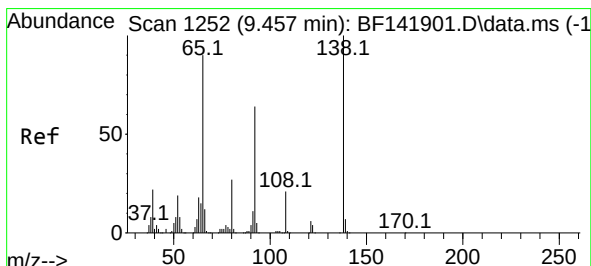
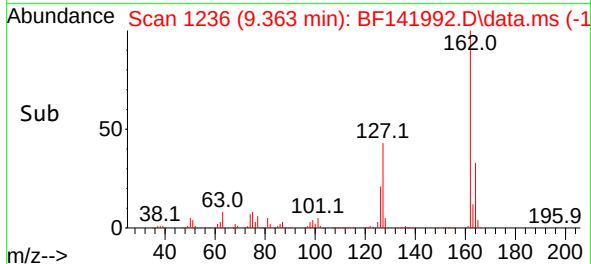
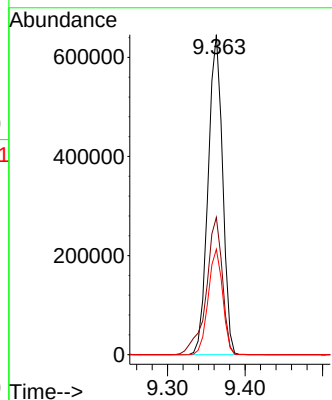
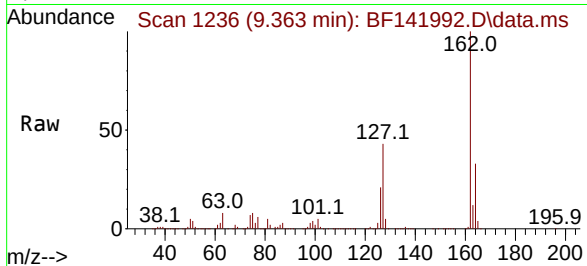




#47
2-Chloronaphthalene
Concen: 45.062 ng
RT: 9.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

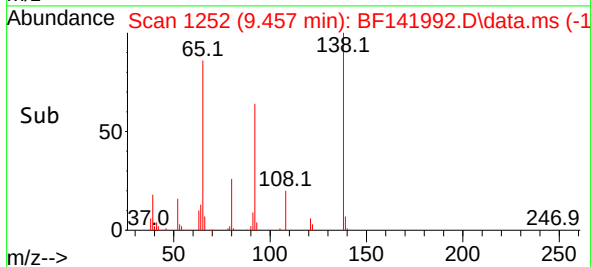
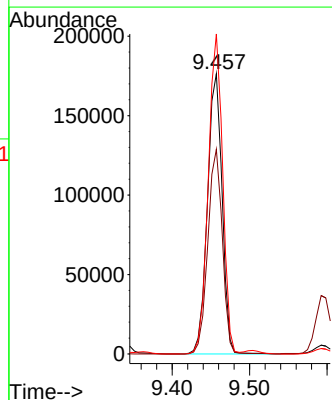
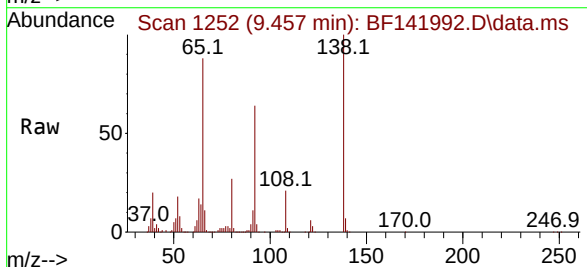
Instrument :
BNA_F
ClientSampleId :
JC-03-03132025MS

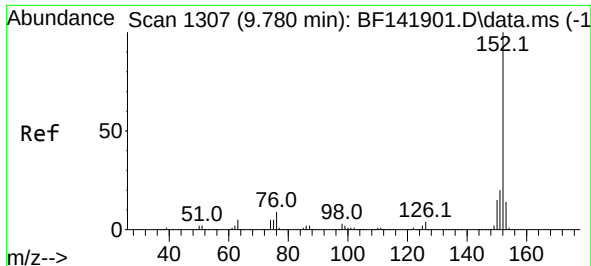
Tgt Ion:162 Resp: 835177
Ion Ratio Lower Upper
162 100
127 42.9 35.5 53.3
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 43.166 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion: 65 Resp: 231642
Ion Ratio Lower Upper
65 100
92 73.0 56.6 84.8
138 114.2 88.6 133.0





#49

Acenaphthylene

Concen: 47.417 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

Instrument :

BNA_F

ClientSampleId :

JC-03-03132025MS

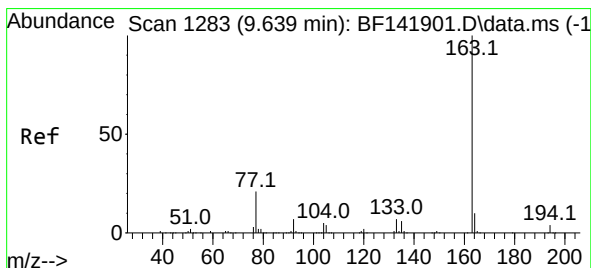
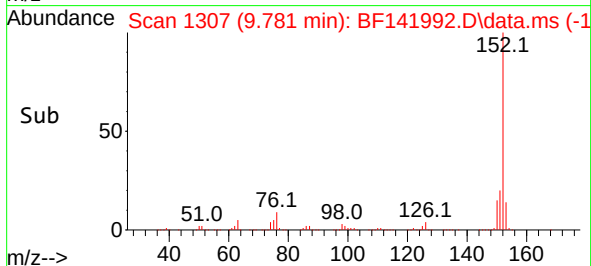
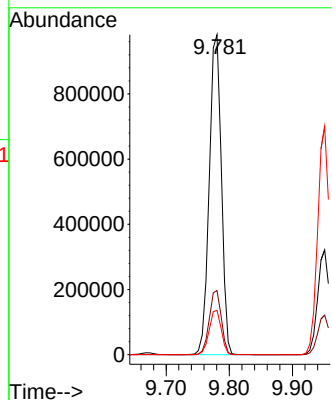
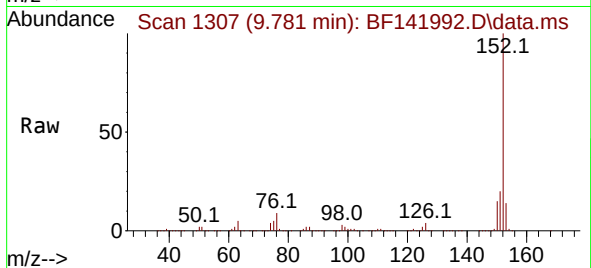
Tgt Ion:152 Resp: 1304148

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

153 13.8 11.1 16.7



#50

Dimethylphthalate

Concen: 43.807 ng

RT: 9.634 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

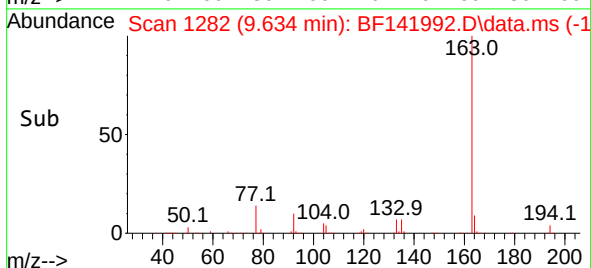
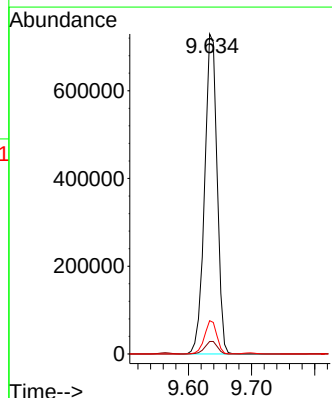
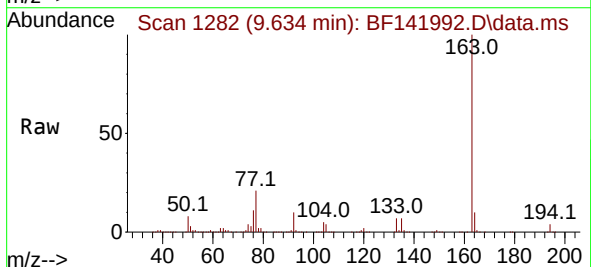
Tgt Ion:163 Resp: 1003942

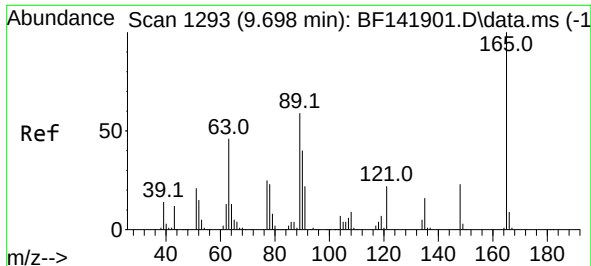
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.4 8.2 12.4

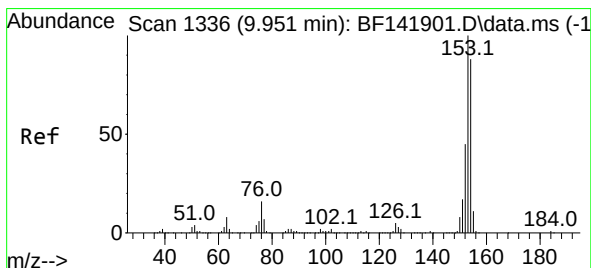
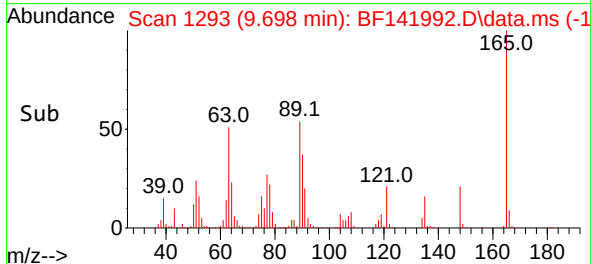
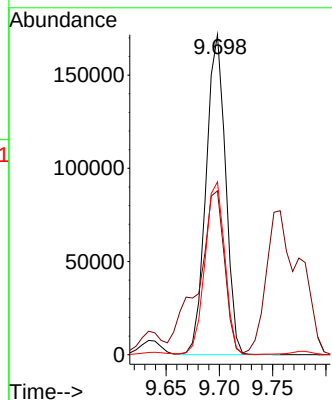
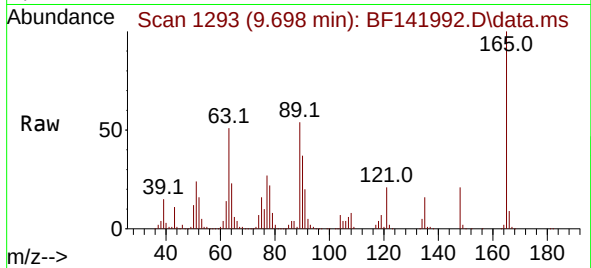




#51
2,6-Dinitrotoluene
Concen: 45.811 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

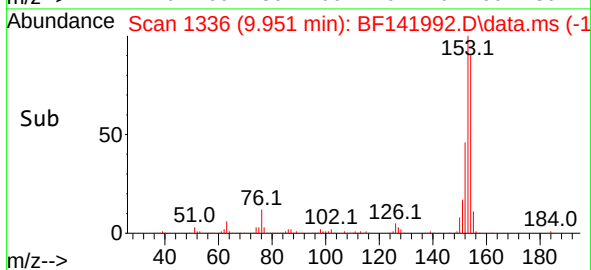
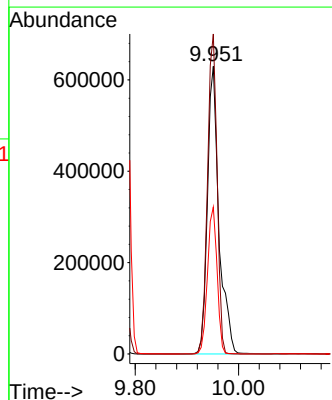
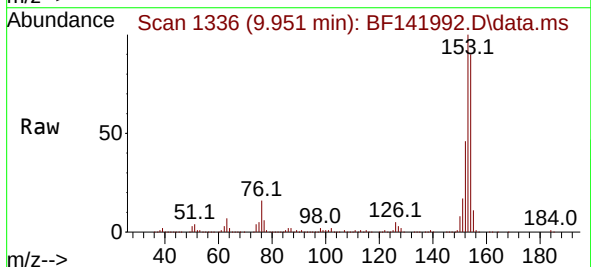
Instrument :
BNA_F
ClientSampleId :
JC-03-03132025MS

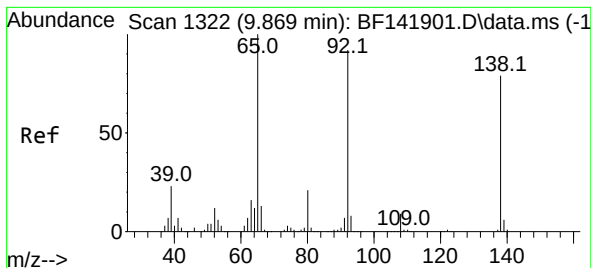
Tgt Ion:165 Resp: 218594
Ion Ratio Lower Upper
165 100
63 51.2 47.0 70.4
89 54.0 47.4 71.2



#52
Acenaphthene
Concen: 50.481 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion:154 Resp: 975716
Ion Ratio Lower Upper
154 100
153 111.2 90.7 136.1
152 51.1 41.1 61.7





#53

3-Nitroaniline

Concen: 12.228 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

Instrument :

BNA_F

ClientSampleId :

JC-03-03132025MS

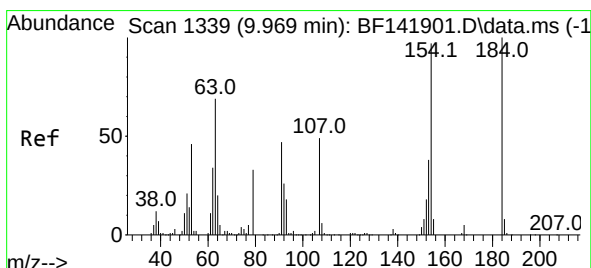
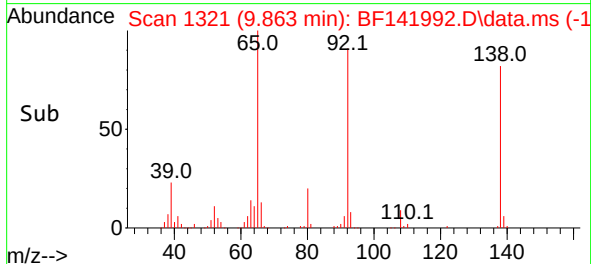
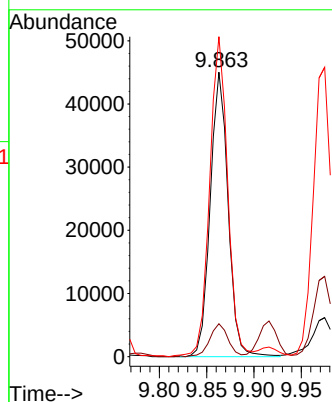
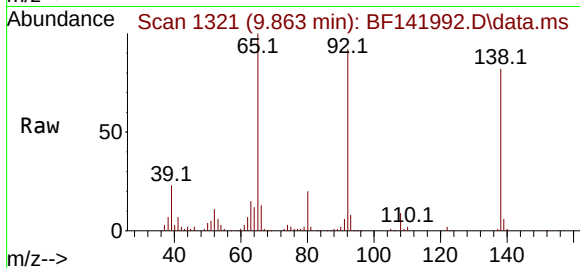
Tgt Ion:138 Resp: 59186

Ion Ratio Lower Upper

138 100

108 11.6 9.3 13.9

92 112.5 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 89.973 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

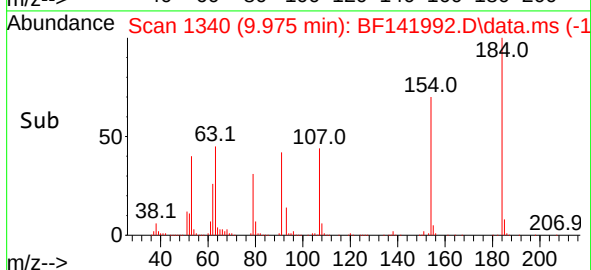
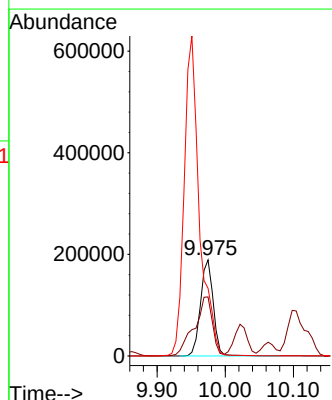
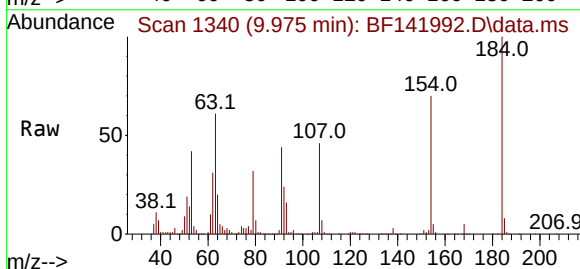
Tgt Ion:184 Resp: 246349

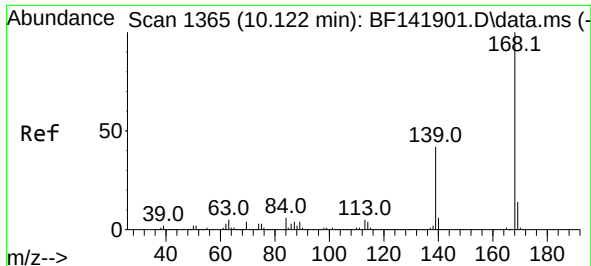
Ion Ratio Lower Upper

184 100

63 61.4 60.2 90.4

154 70.5 132.9 199.3#

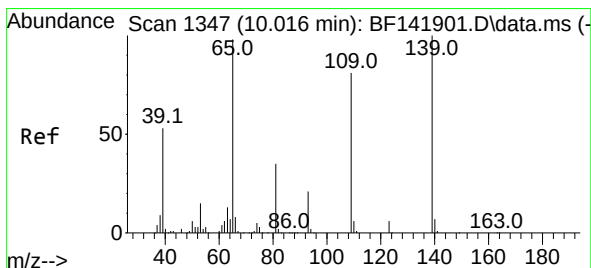
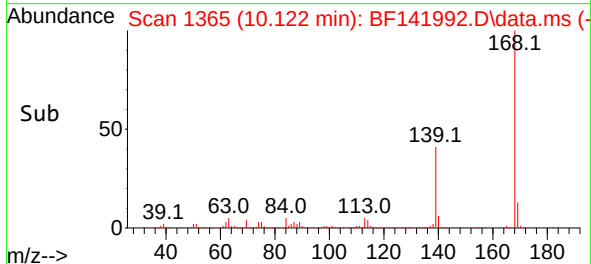
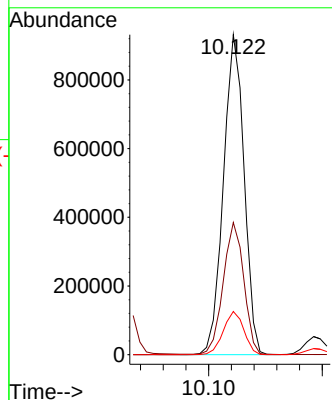
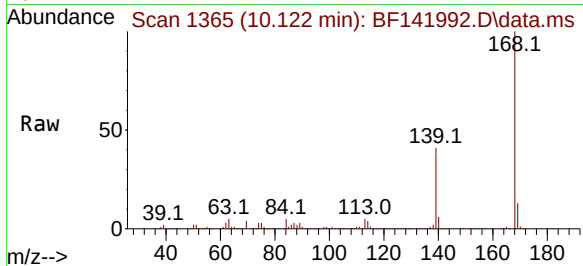




#55
Dibenzofuran
Concen: 42.639 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

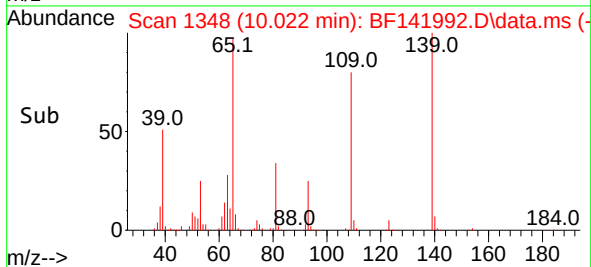
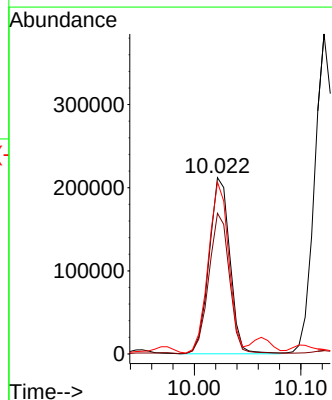
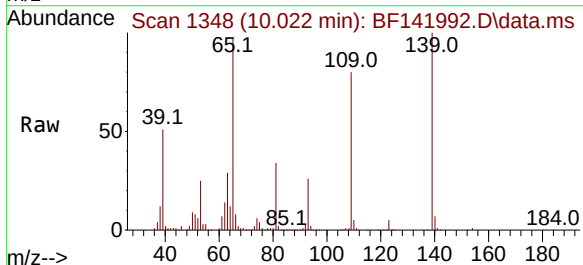
Instrument :
BNA_F
ClientSampleId :
JC-03-03132025MS

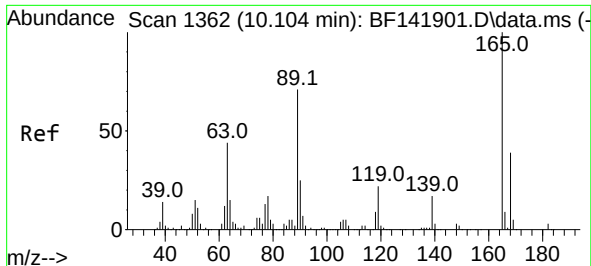
Tgt Ion:168 Resp: 1177594
Ion Ratio Lower Upper
168 100
139 41.3 33.9 50.9
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 78.642 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion:139 Resp: 287055
Ion Ratio Lower Upper
139 100
109 79.8 61.6 101.6
65 97.5 79.4 119.4

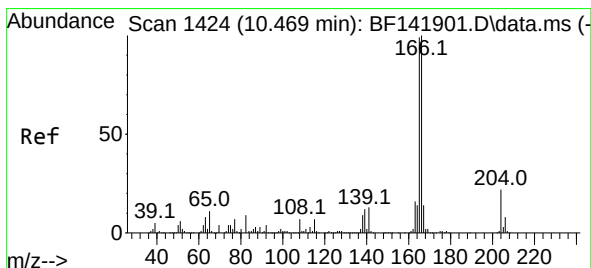
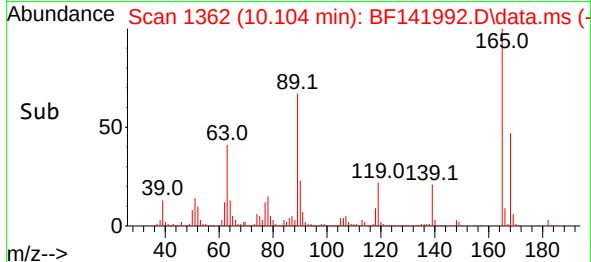
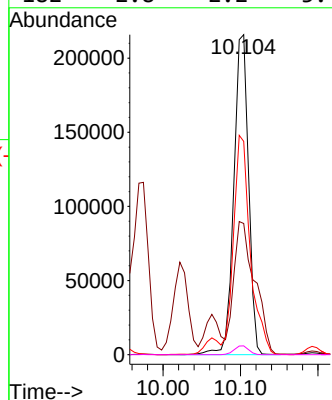
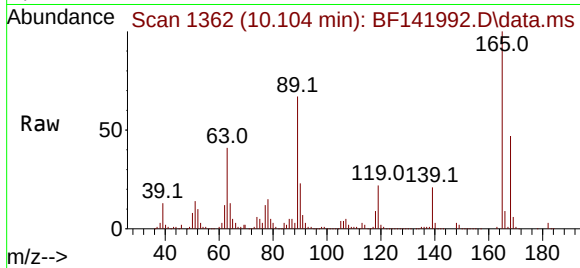




#57
2,4-Dinitrotoluene
Concen: 45.803 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

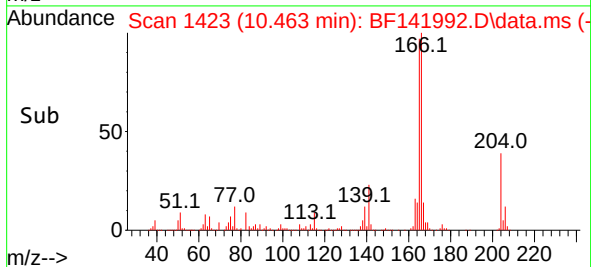
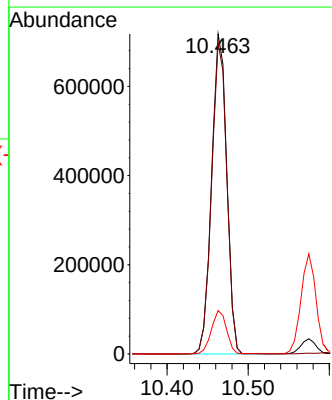
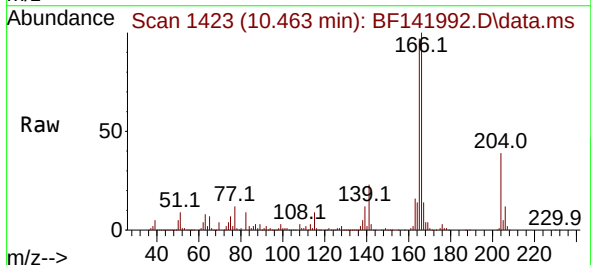
Instrument :
BNA_F
ClientSampleId :
JC-03-03132025MS

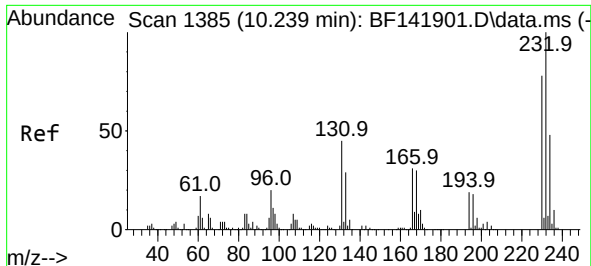
Tgt Ion:165 Resp: 285453
Ion Ratio Lower Upper
165 100
63 41.0 35.4 53.2
89 66.6 56.6 84.8
182 2.8 2.2 3.4



#58
Fluorene
Concen: 43.562 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion:166 Resp: 927784
Ion Ratio Lower Upper
166 100
165 97.2 79.0 118.4
167 13.5 11.0 16.4

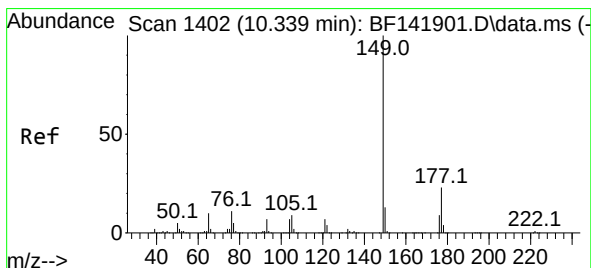
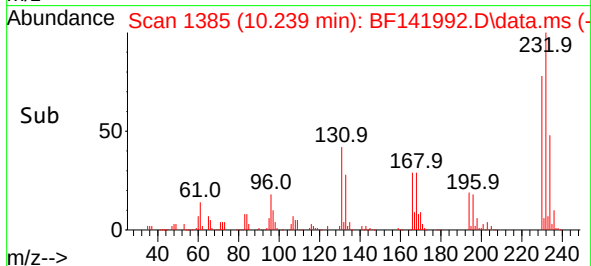
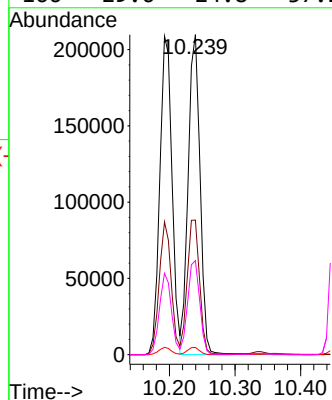
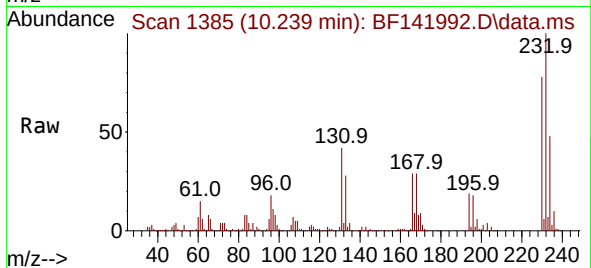




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.713 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

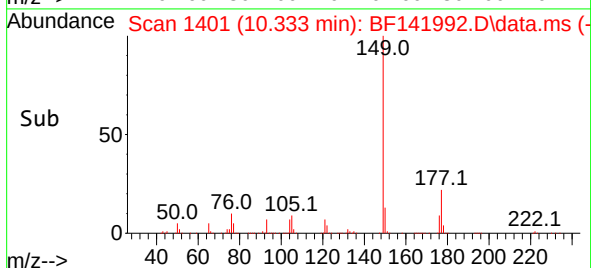
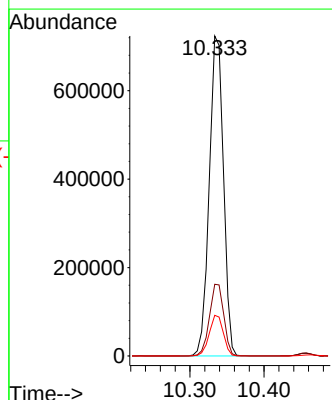
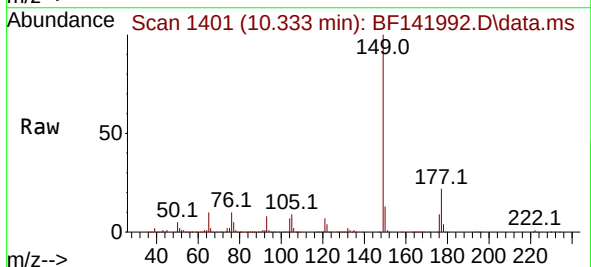
Instrument :
BNA_F
ClientSampleId :
JC-03-03132025MS

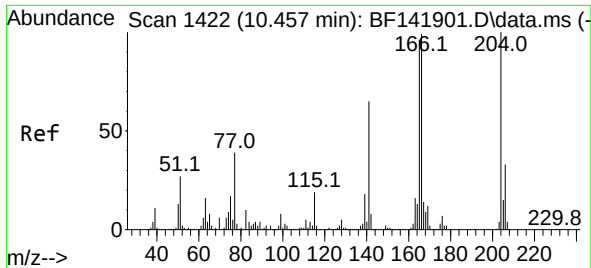
Tgt Ion:232 Resp: 262341
Ion Ratio Lower Upper
232 100
131 43.7 37.3 55.9
130 2.3 1.9 2.9
166 29.6 24.8 37.2



#60
Diethylphthalate
Concen: 42.236 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion:149 Resp: 965154
Ion Ratio Lower Upper
149 100
177 22.4 18.0 27.0
150 12.7 10.2 15.4

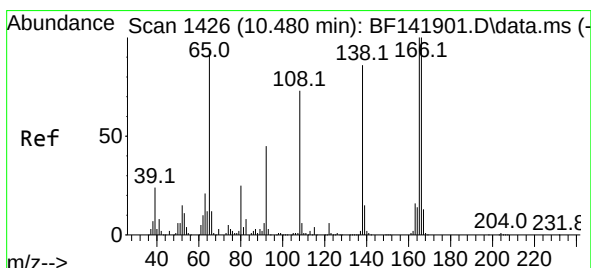
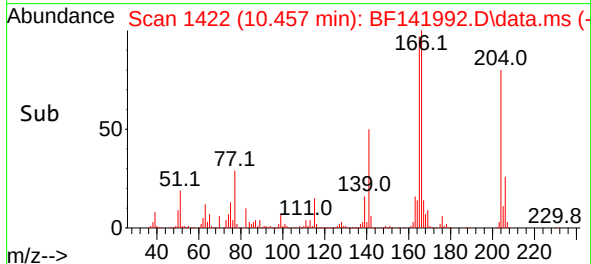
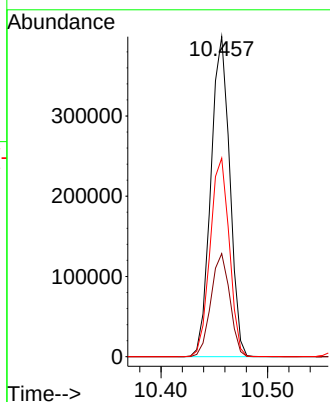
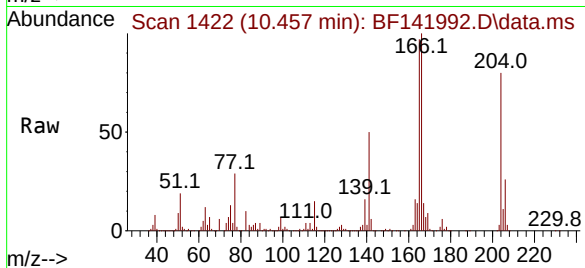




#61
4-Chlorophenyl-phenylether
Concen: 44.150 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

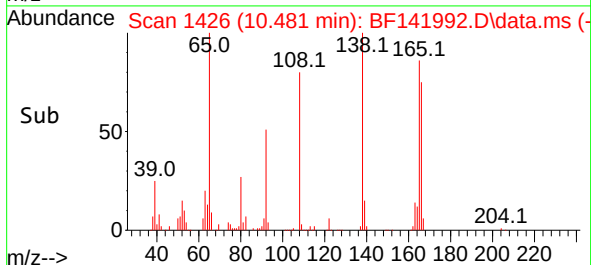
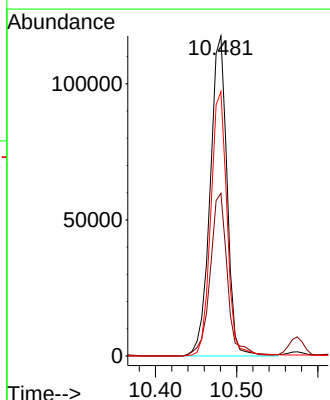
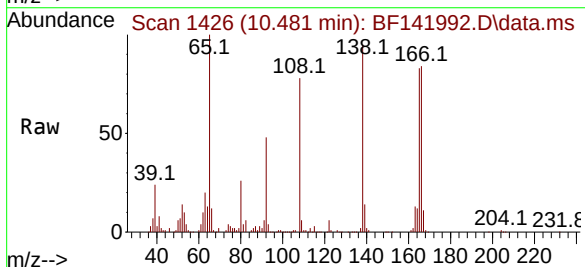
Instrument :
BNA_F
ClientSampleId :
JC-03-03132025MS

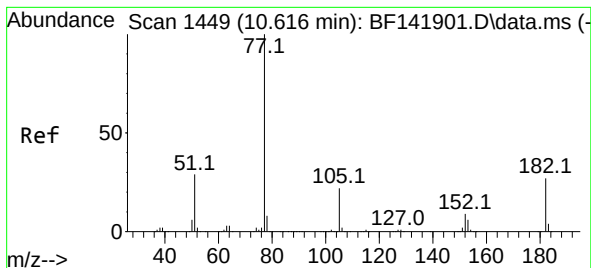
Tgt Ion:204 Resp: 490233
Ion Ratio Lower Upper
204 100
206 32.2 26.8 40.2
141 62.1 52.4 78.6



#62
4-Nitroaniline
Concen: 36.115 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion:138 Resp: 170182
Ion Ratio Lower Upper
138 100
92 50.8 32.6 72.6
108 82.6 65.0 105.0





#63

Azobenzene

Concen: 40.302 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

Instrument :

BNA_F

ClientSampleId :

JC-03-03132025MS

Tgt Ion: 77 Resp: 856245

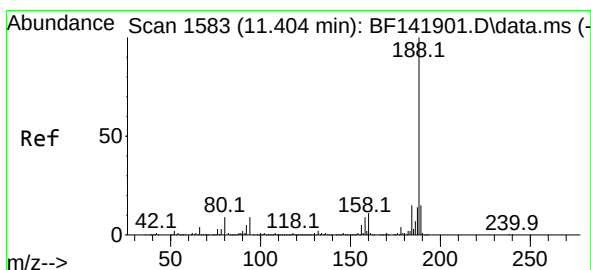
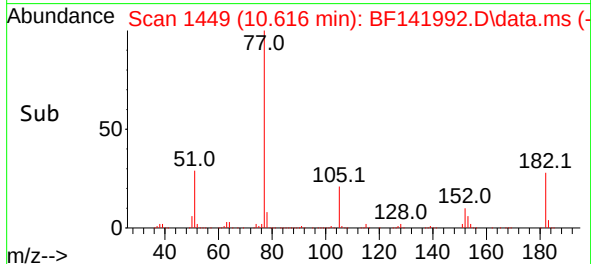
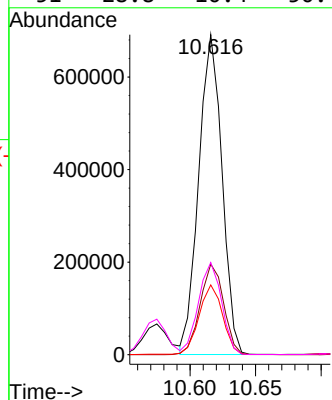
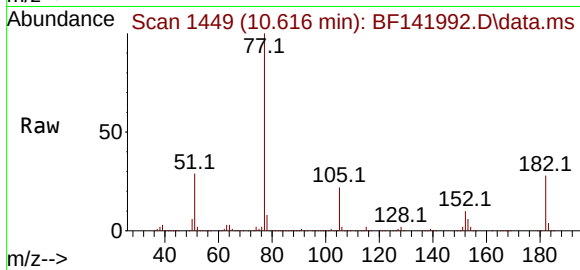
Ion Ratio Lower Upper

77 100

182 28.3 6.6 46.6

105 21.8 1.3 41.3

51 28.8 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

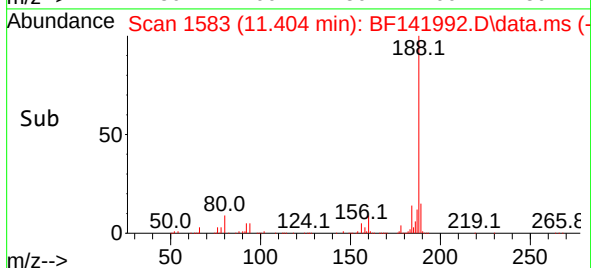
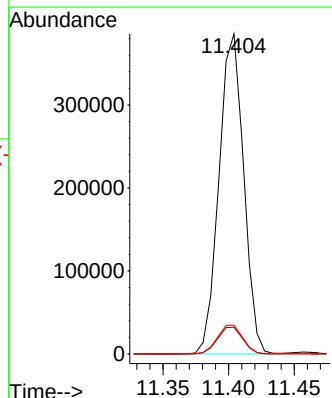
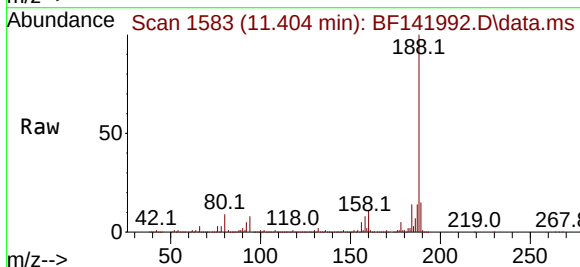
Tgt Ion: 188 Resp: 504077

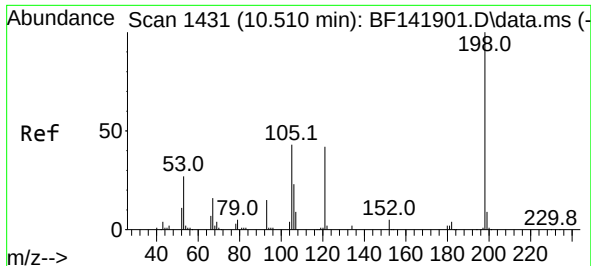
Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

80 9.0 7.6 11.4

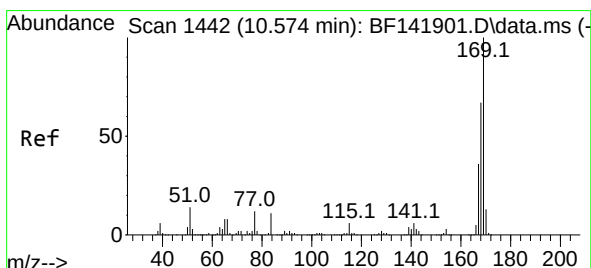
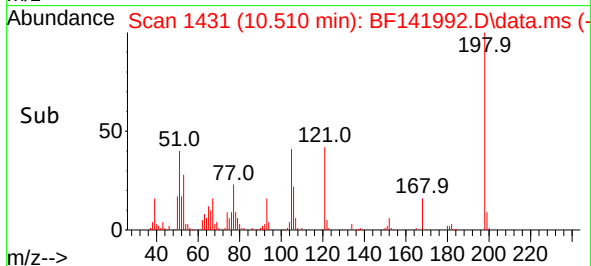
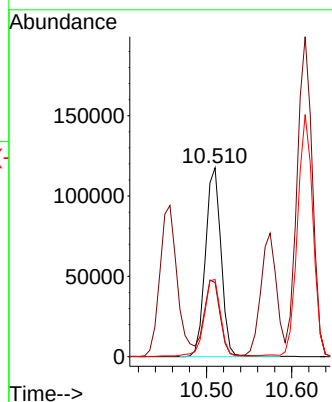
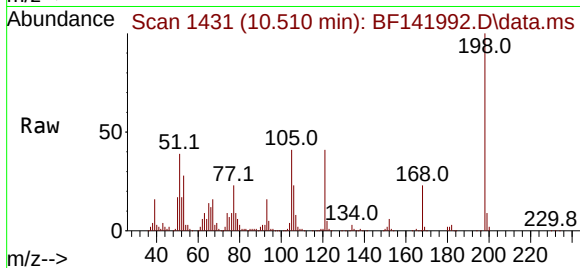




#65
4,6-Dinitro-2-methylphenol
Concen: 49.783 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

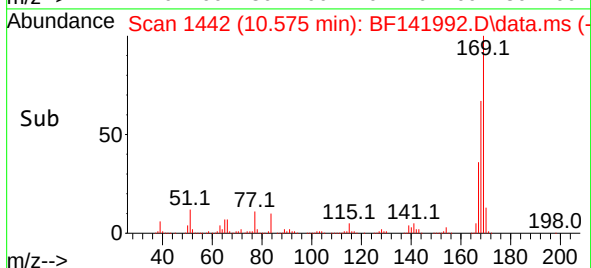
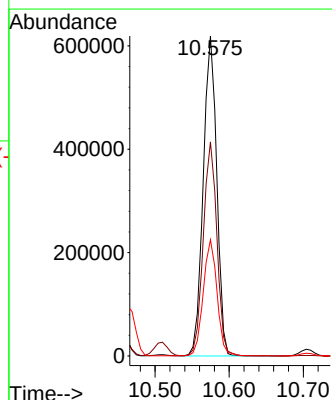
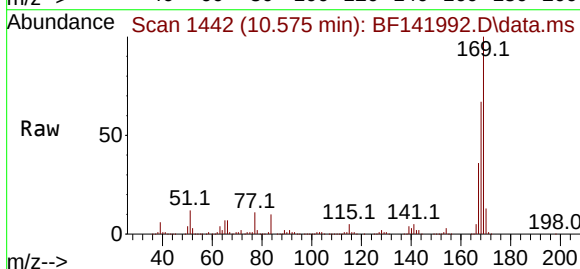
Instrument :
BNA_F
ClientSampleId :
JC-03-03132025MS

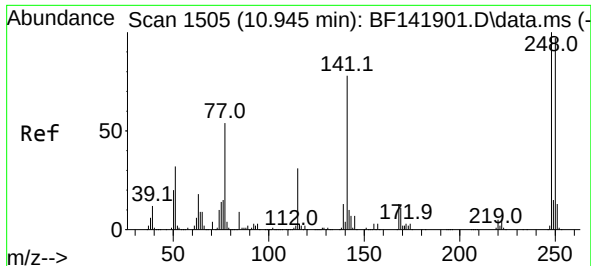
Tgt Ion:198 Resp: 149599
Ion Ratio Lower Upper
198 100
51 39.2 22.3 62.3
105 40.8 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 48.113 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion:169 Resp: 784826
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 36.3 29.2 43.8

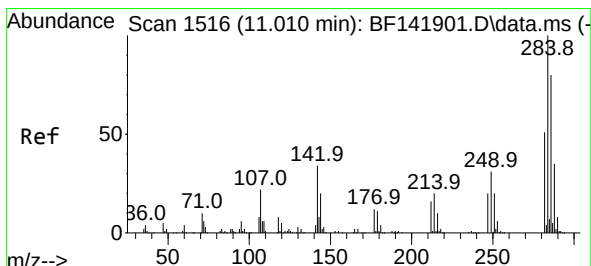
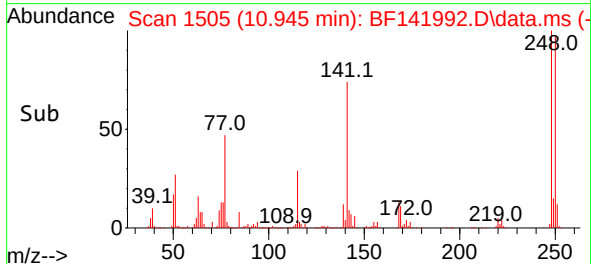
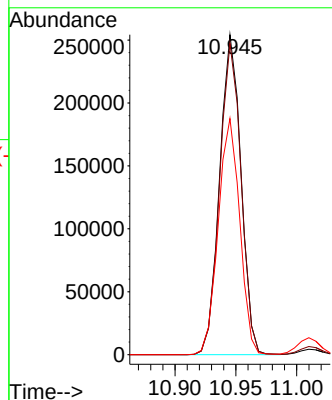
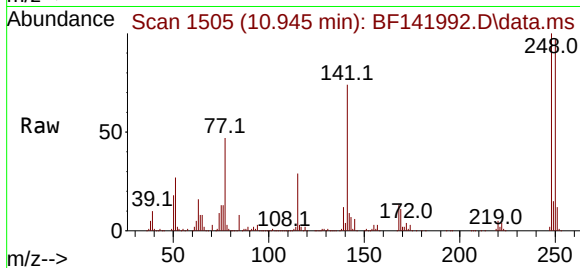




#67
4-Bromophenyl-phenylether
Concen: 49.106 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

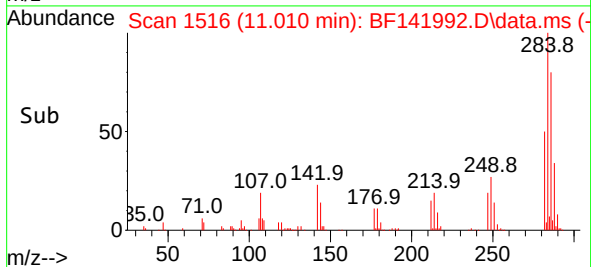
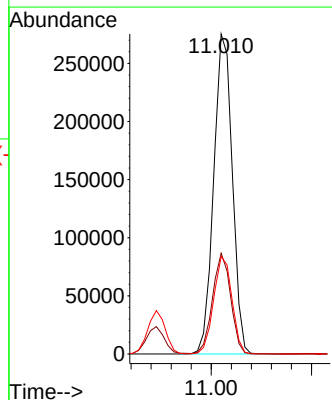
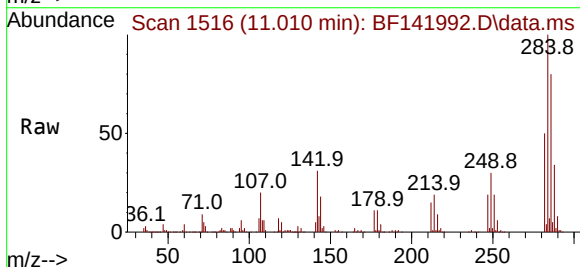
Instrument :
BNA_F
ClientSampleId :
JC-03-03132025MS

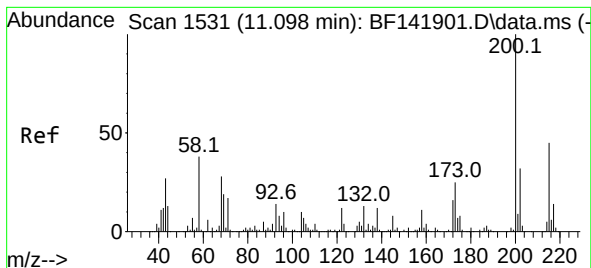
Tgt Ion:248 Resp: 310869
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.8
141 73.8 62.6 93.8



#68
Hexachlorobenzene
Concen: 50.972 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion:284 Resp: 353910
Ion Ratio Lower Upper
284 100
142 31.5 27.0 40.6
249 30.4 25.2 37.8





#69

Atrazine

Concen: 57.499 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

Instrument :

BNA_F

ClientSampleId :

JC-03-03132025MS

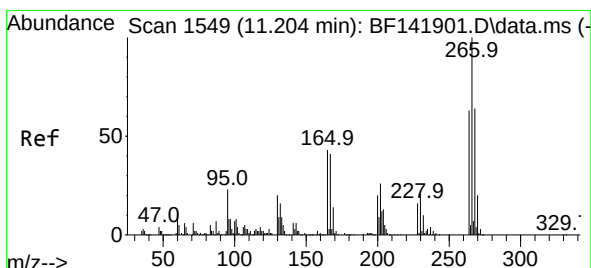
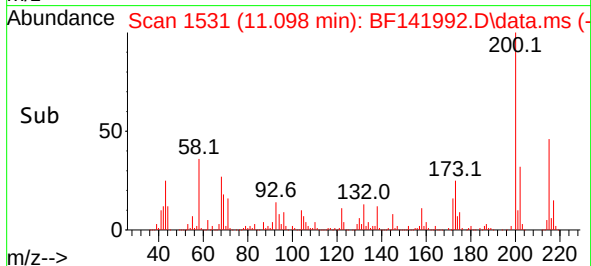
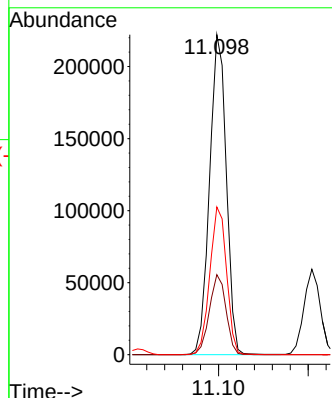
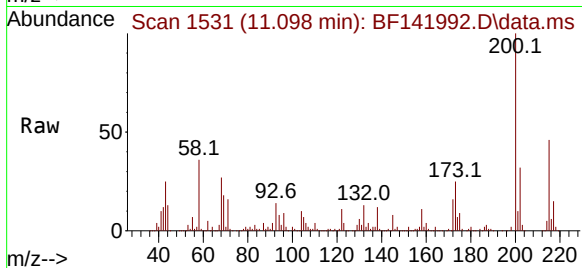
Tgt Ion:200 Resp: 287531

Ion Ratio Lower Upper

200 100

173 25.0 4.7 44.7

215 46.1 25.4 65.4



#70

Pentachlorophenol

Concen: 94.768 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

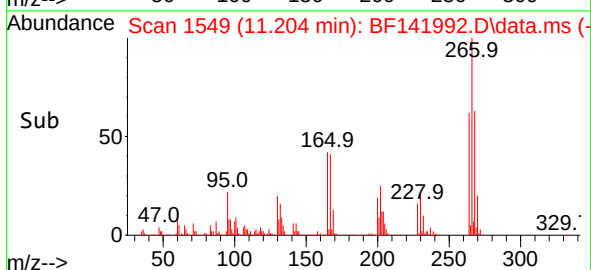
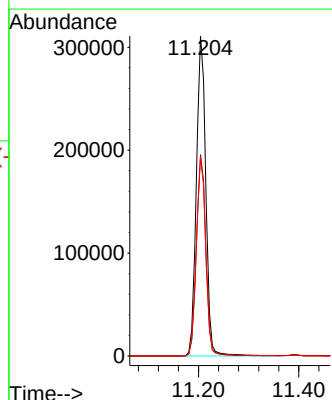
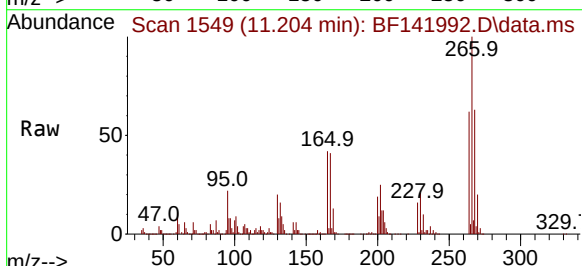
Tgt Ion:266 Resp: 405413

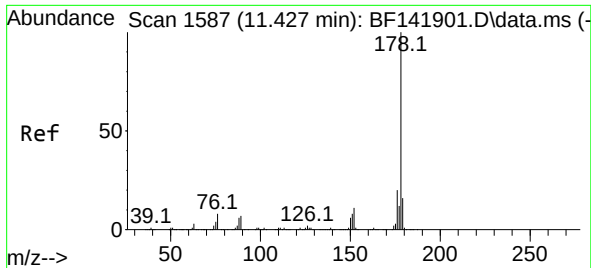
Ion Ratio Lower Upper

266 100

268 62.9 51.0 76.6

264 62.4 50.2 75.2

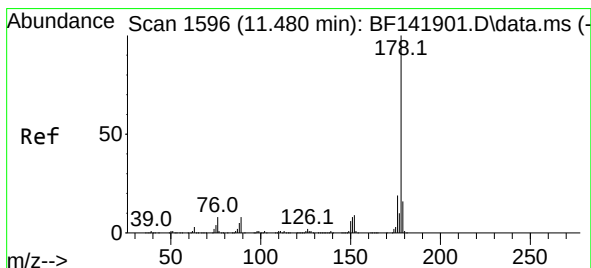
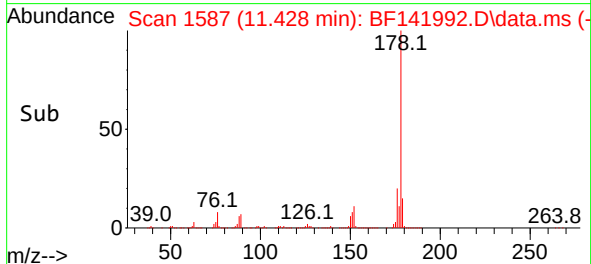
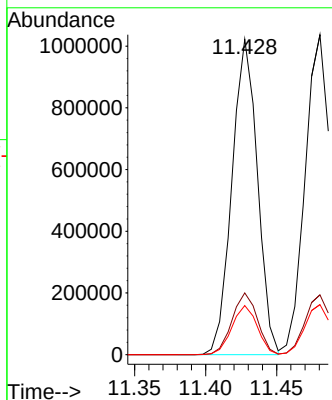
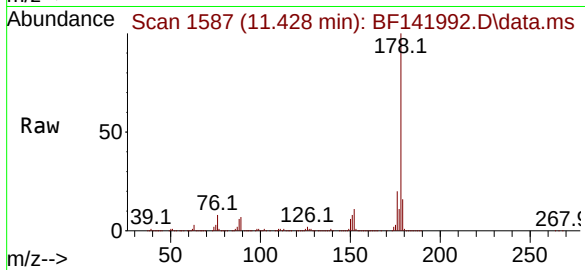




#71
Phenanthrene
Concen: 46.862 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

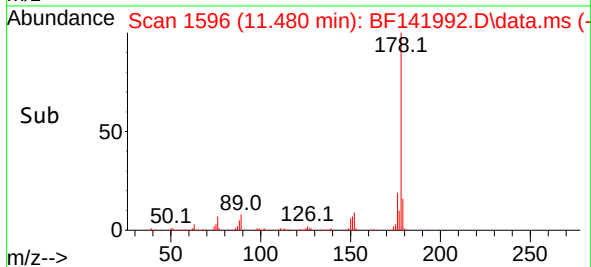
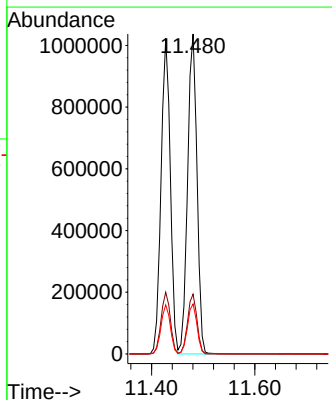
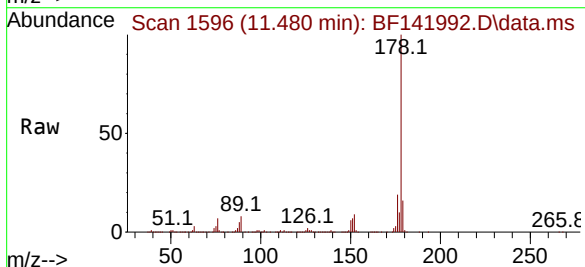
Instrument :
BNA_F
ClientSampleId :
JC-03-03132025MS

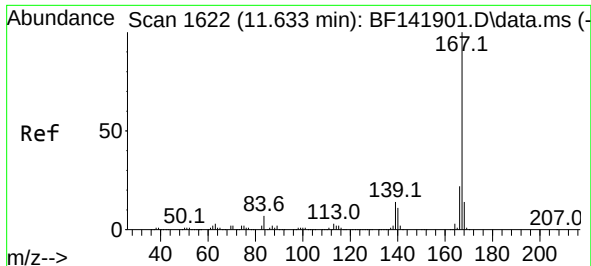
Tgt Ion:178 Resp: 1275909
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.5 12.6 19.0



#72
Anthracene
Concen: 47.795 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion:178 Resp: 1305550
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.6 12.6 19.0

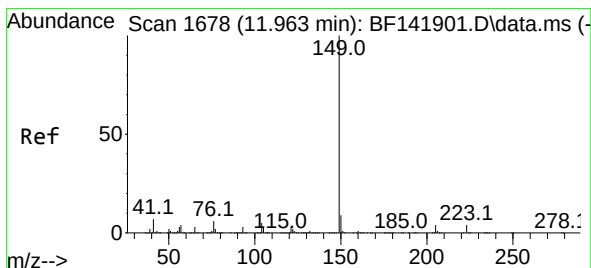
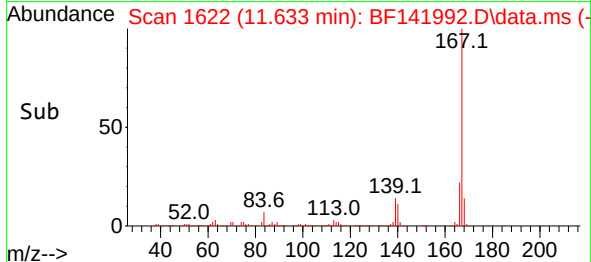
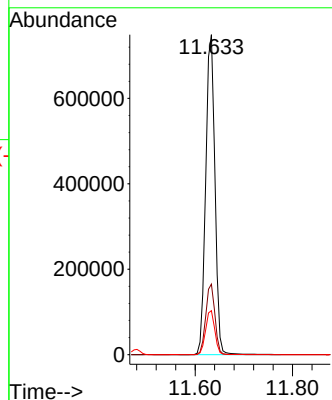
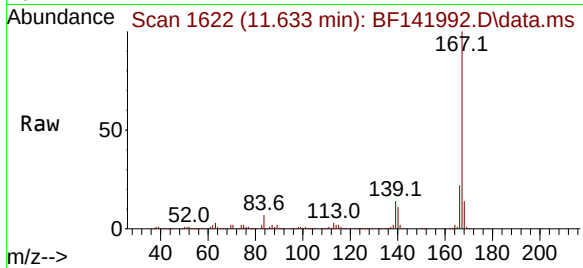




#73
 Carbazole
 Concen: 41.672 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF141992.D
 Acq: 18 Mar 2025 13:01

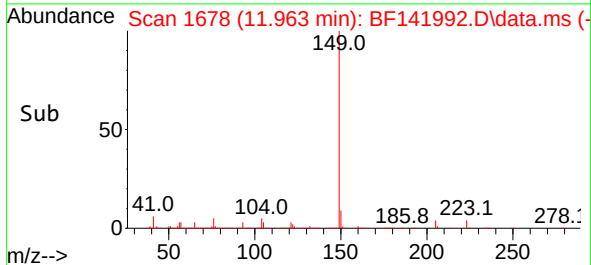
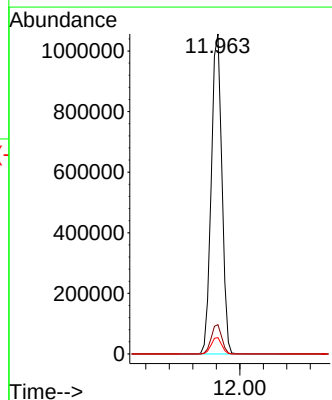
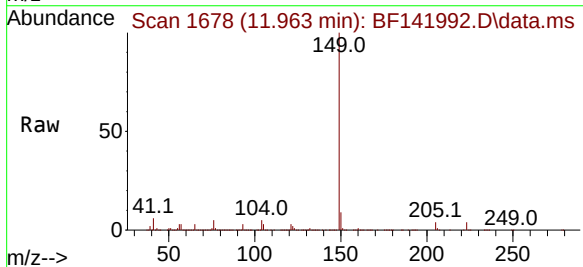
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-03132025MS

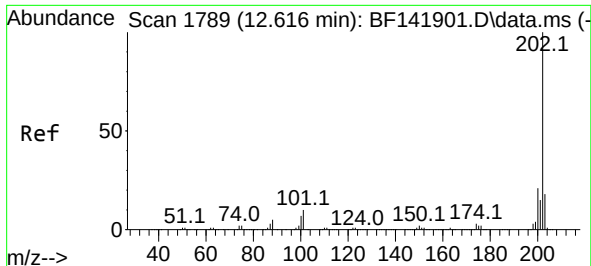
Tgt Ion:167 Resp: 981674
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 13.7 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 42.467 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF141992.D
 Acq: 18 Mar 2025 13:01

Tgt Ion:149 Resp: 1327416
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 5.1 4.4 6.6

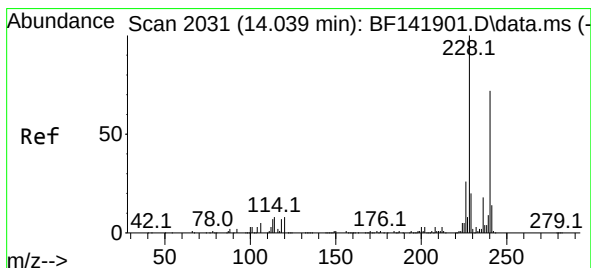
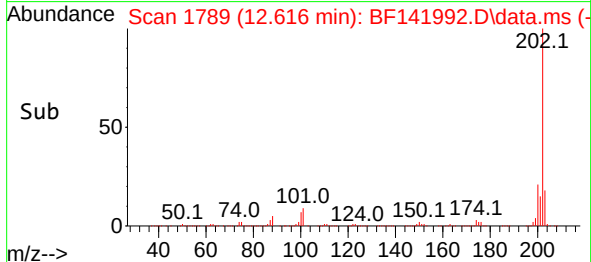
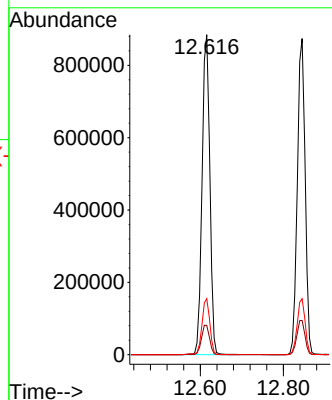
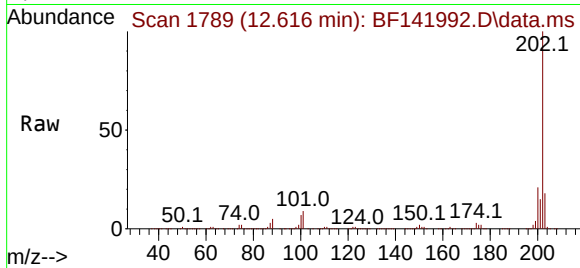




#75
 Fluoranthene
 Concen: 39.814 ng
 RT: 12.616 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF141992.D
 Acq: 18 Mar 2025 13:01

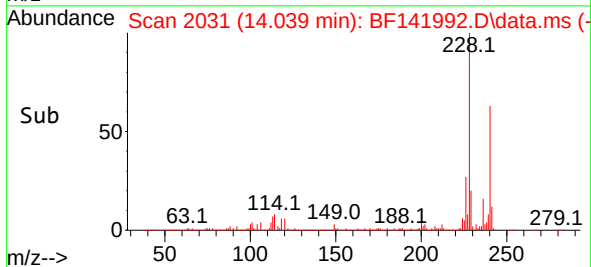
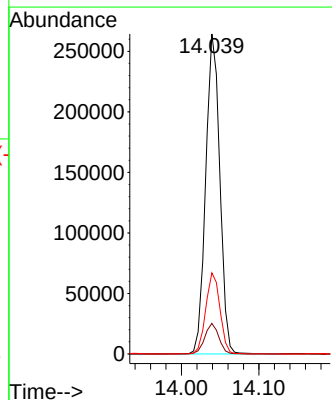
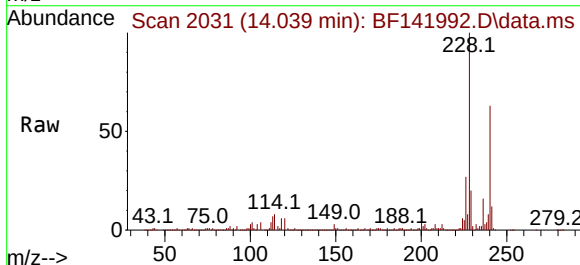
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-03132025MS

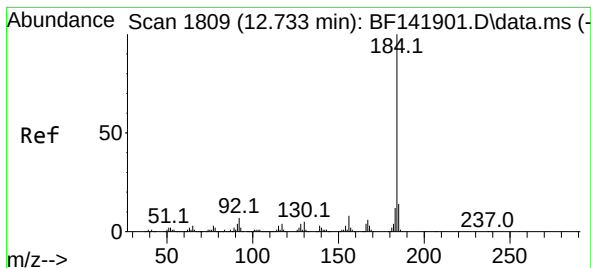
Tgt Ion:202 Resp: 1149890
 Ion Ratio Lower Upper
 202 100
 101 9.2 0.0 29.7
 203 17.5 0.0 37.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.039 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: BF141992.D
 Acq: 18 Mar 2025 13:01

Tgt Ion:240 Resp: 334257
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.4 12.6
 236 25.3 20.5 30.7





#77

Benzidine

Concen: 13.777 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

Instrument :

BNA_F

ClientSampleId :

JC-03-03132025MS

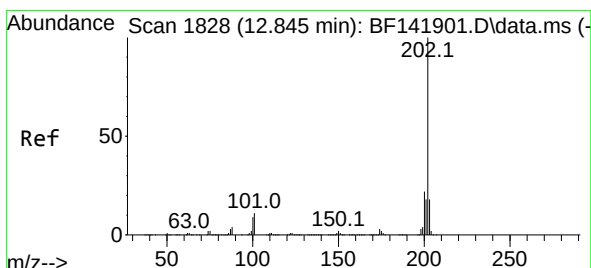
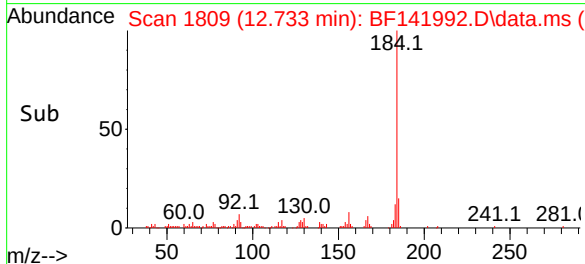
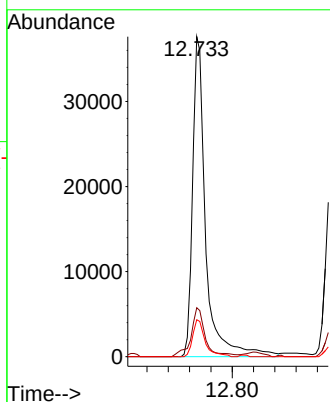
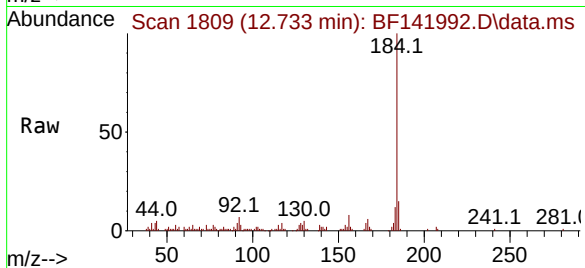
Tgt Ion:184 Resp: 64248

Ion Ratio Lower Upper

184 100

185 15.3 11.5 17.3

183 11.5 9.7 14.5



#78

Pyrene

Concen: 39.395 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

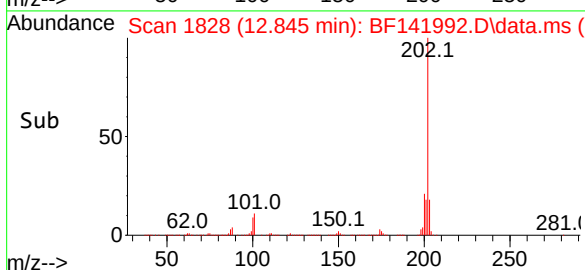
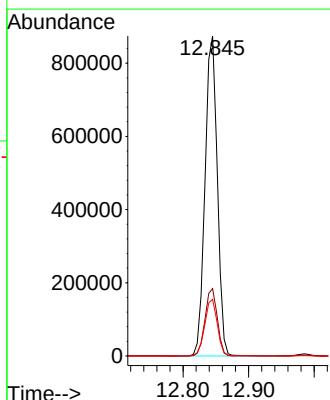
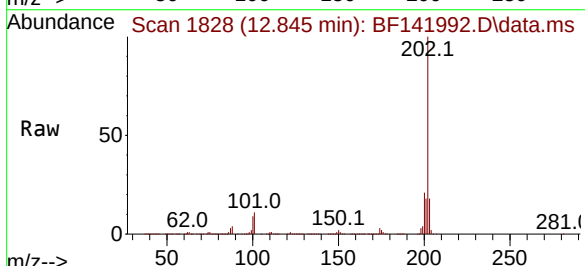
Tgt Ion:202 Resp: 1139056

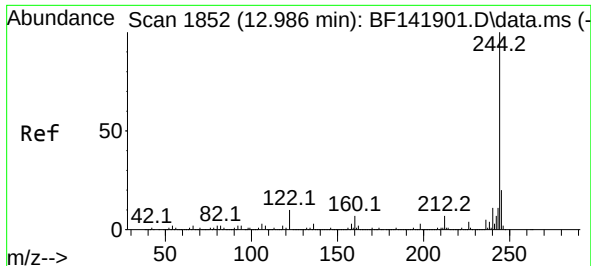
Ion Ratio Lower Upper

202 100

200 21.0 17.3 25.9

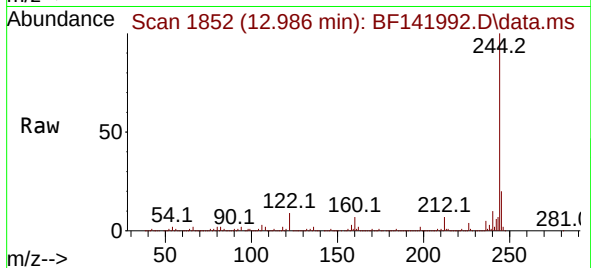
203 17.7 14.4 21.6



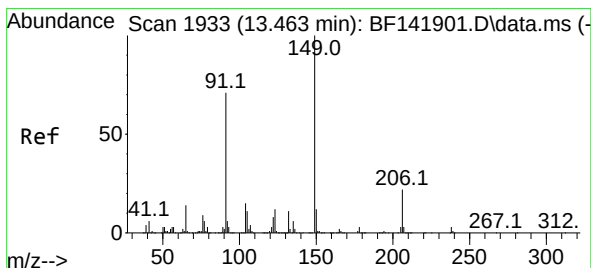
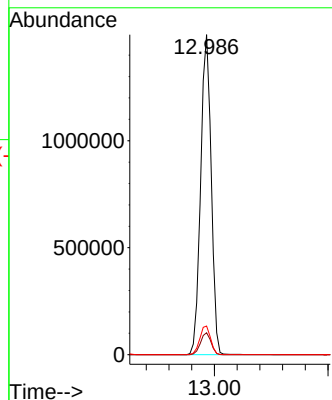
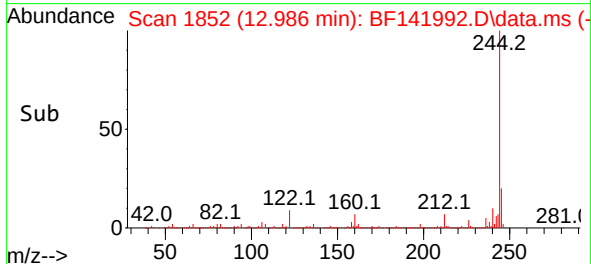


#79
 Terphenyl-d14
 Concen: 85.410 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF141992.D
 Acq: 18 Mar 2025 13:01

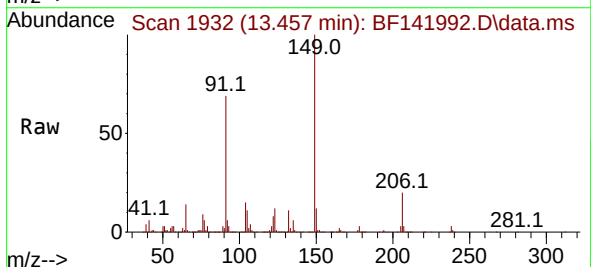
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-03132025MS



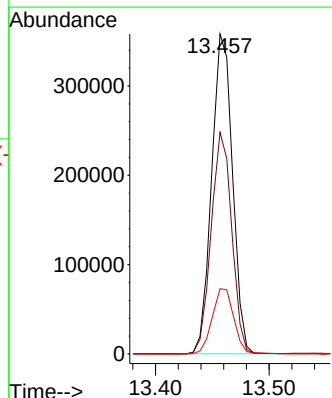
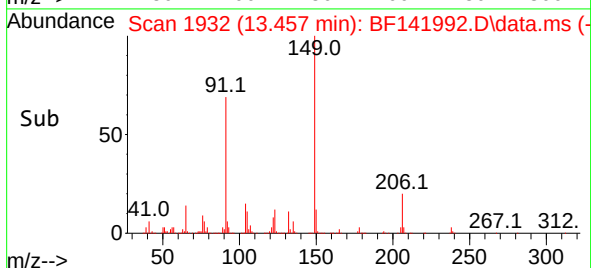
Tgt Ion:244 Resp: 1930998
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 8.9 7.7 11.5

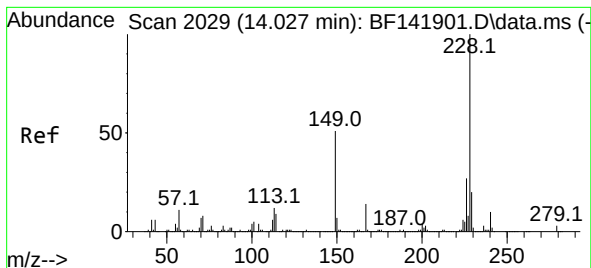


#80
 Butylbenzylphthalate
 Concen: 40.294 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF141992.D
 Acq: 18 Mar 2025 13:01



Tgt Ion:149 Resp: 456006
 Ion Ratio Lower Upper
 149 100
 91 69.3 56.5 84.7
 206 20.4 17.3 25.9





#81

Benzo(a)anthracene

Concen: 47.692 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

Instrument :

BNA_F

ClientSampleId :

JC-03-03132025MS

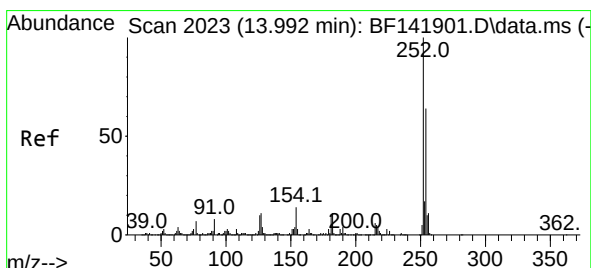
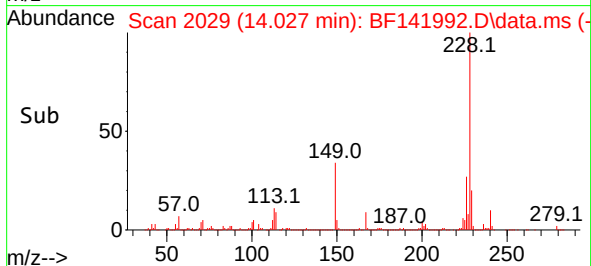
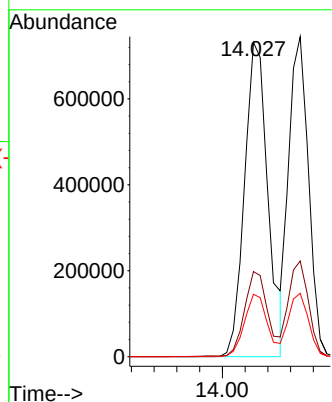
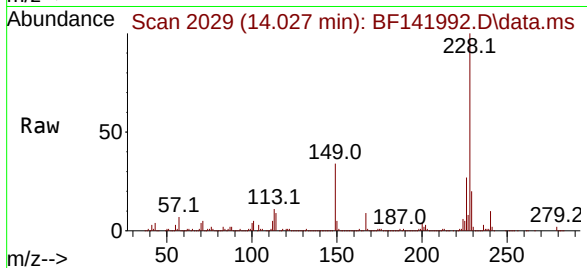
Tgt Ion:228 Resp: 1046091

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.9 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 22.640 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

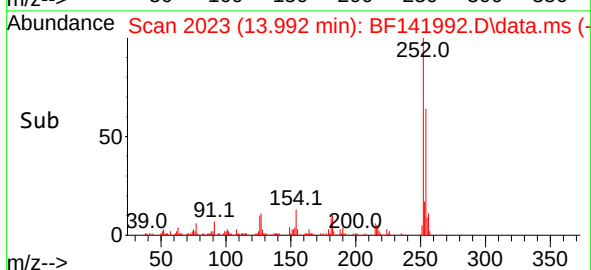
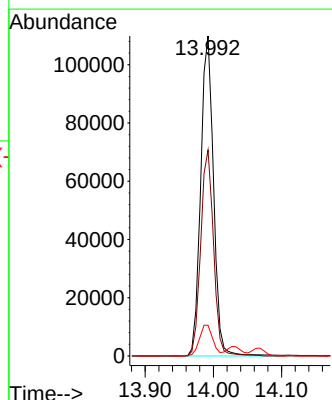
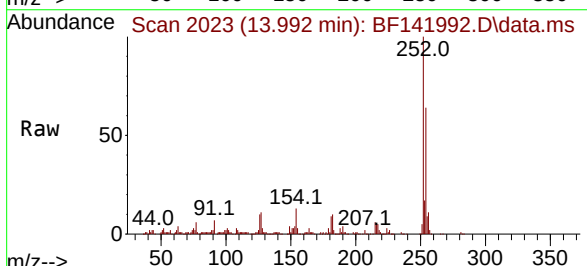
Tgt Ion:252 Resp: 143508

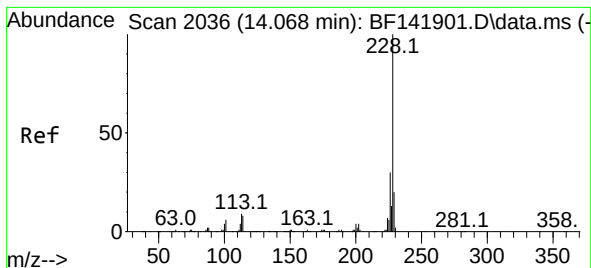
Ion Ratio Lower Upper

252 100

254 64.4 51.0 76.6

126 9.6 8.4 12.6





#83

Chrysene

Concen: 45.393 ng

RT: 14.069 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

Instrument :

BNA_F

ClientSampleId :

JC-03-03132025MS

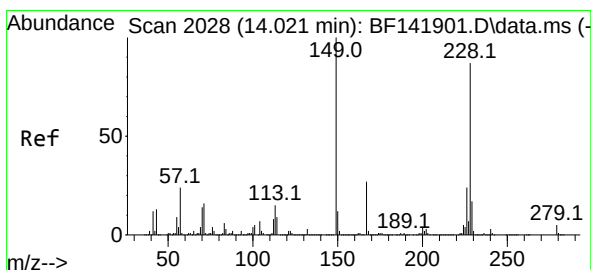
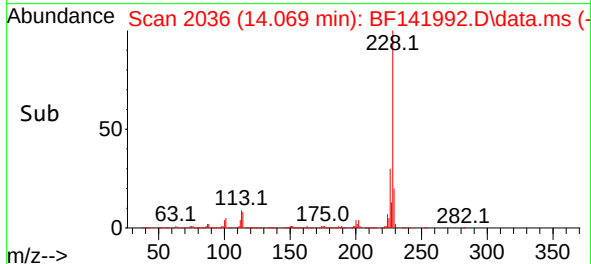
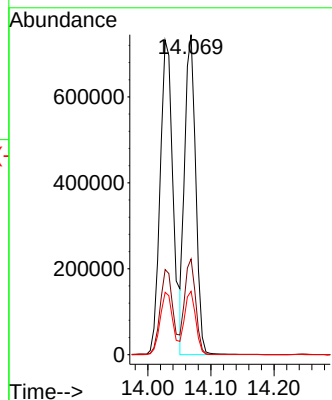
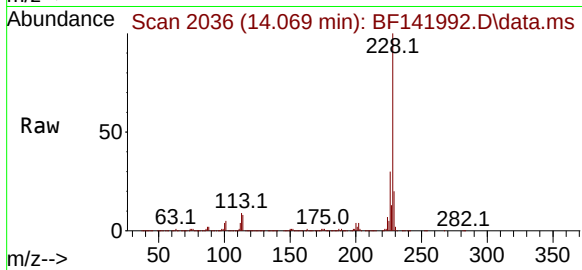
Tgt Ion:228 Resp: 902529

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.317 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

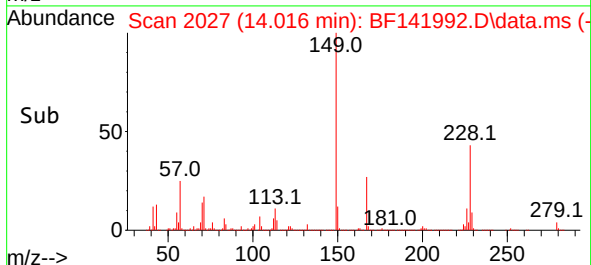
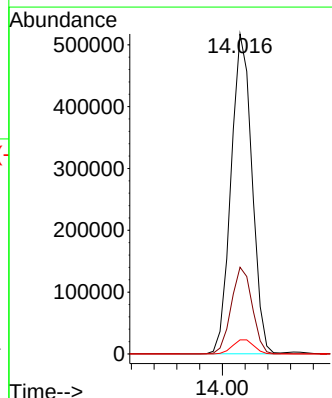
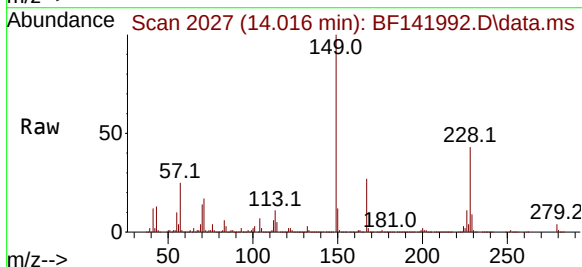
Tgt Ion:149 Resp: 660288

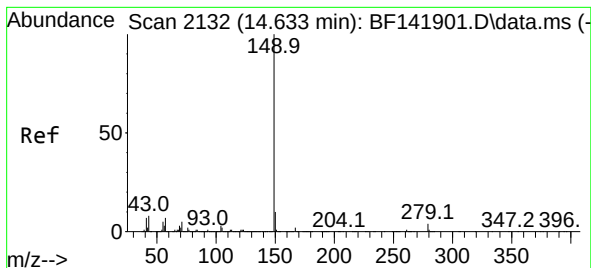
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.4 3.8 5.6

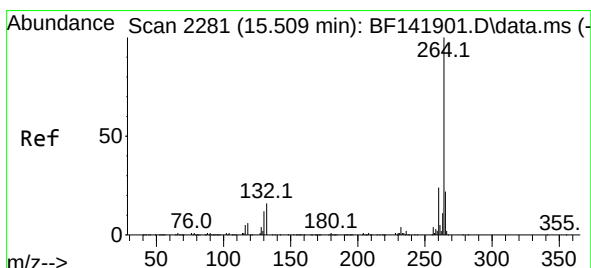
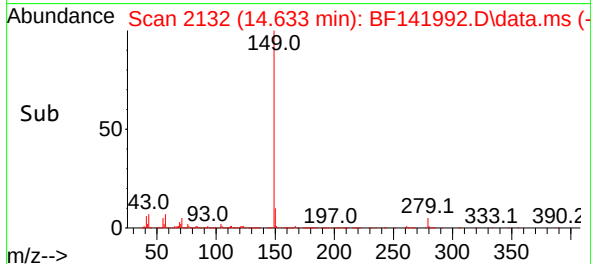
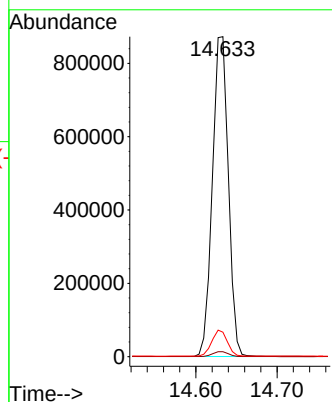
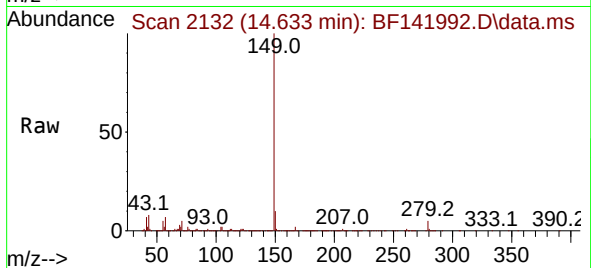




#85
Di-n-octyl phthalate
Concen: 54.798 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

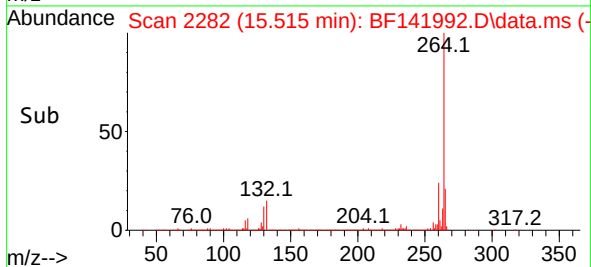
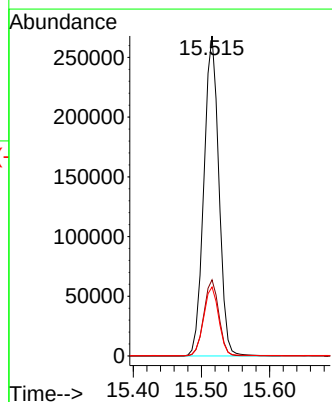
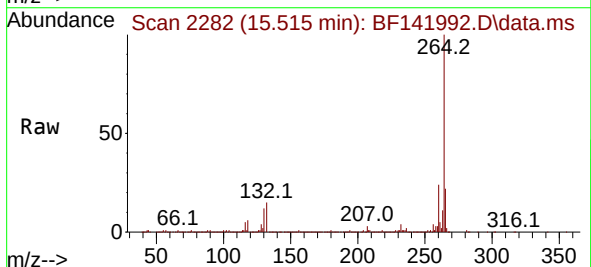
Instrument :
BNA_F
ClientSampleId :
JC-03-03132025MS

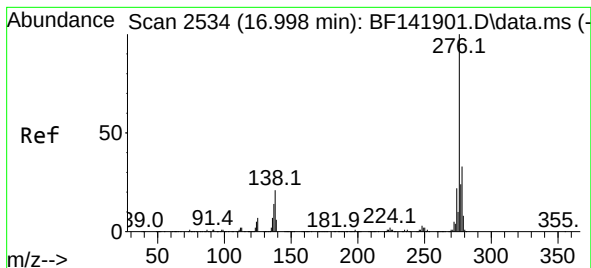
Tgt Ion:149 Resp: 1189713
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.8 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2282
Delta R.T. 0.006 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion:264 Resp: 409135
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 21.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.205 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

Instrument :

BNA_F

ClientSampleId :

JC-03-03132025MS

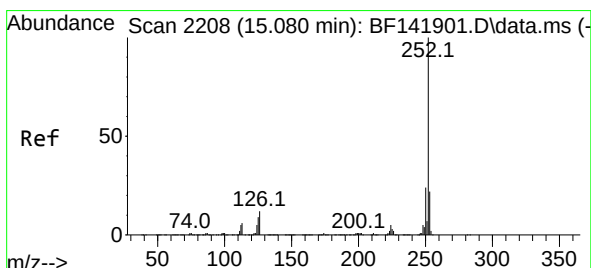
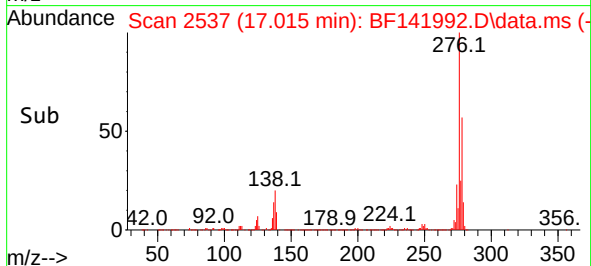
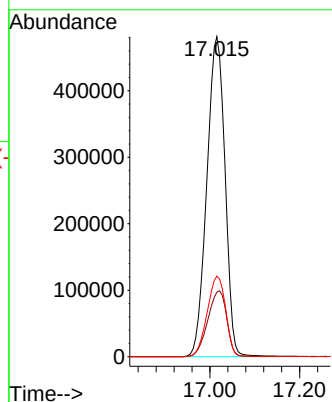
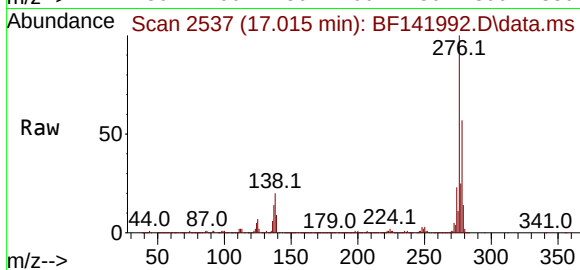
Tgt Ion:276 Resp: 1355219

Ion Ratio Lower Upper

276 100

138 21.4 18.4 27.6

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 40.896 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF141992.D

Acq: 18 Mar 2025 13:01

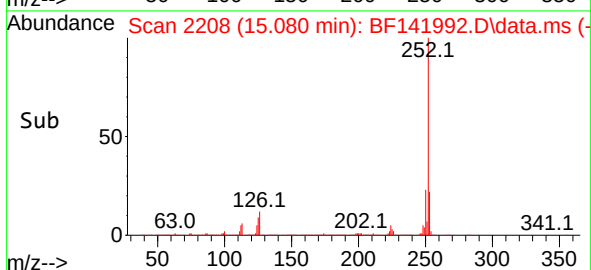
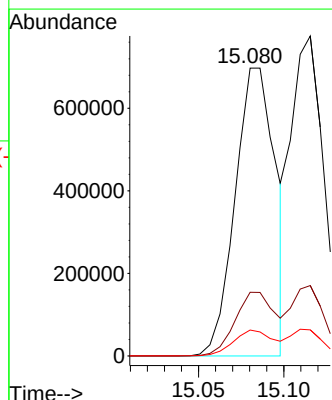
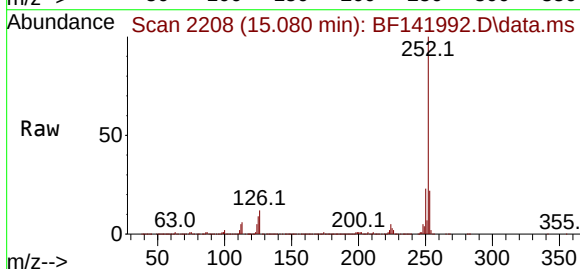
Tgt Ion:252 Resp: 1146744

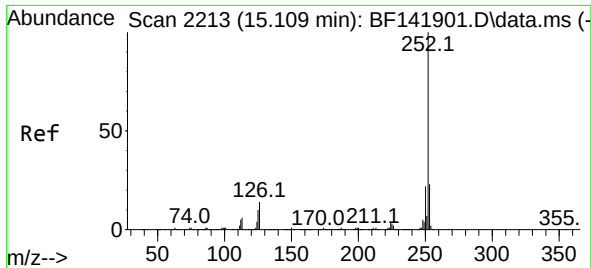
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.0 7.0 10.4

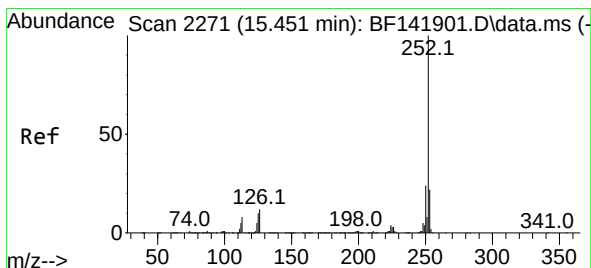
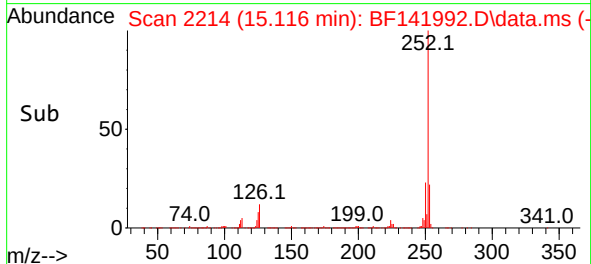
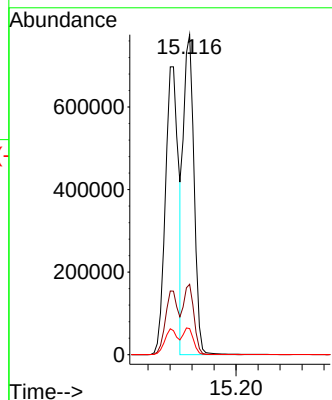
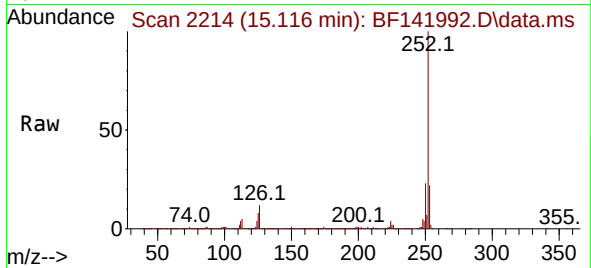




#89
Benzo(k)fluoranthene
Concen: 43.262 ng
RT: 15.116 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

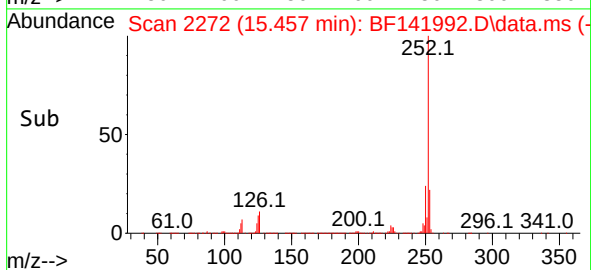
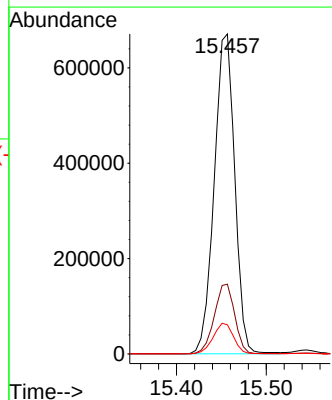
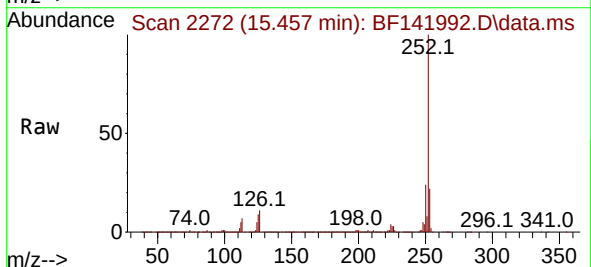
Instrument :
BNA_F
ClientSampleId :
JC-03-03132025MS

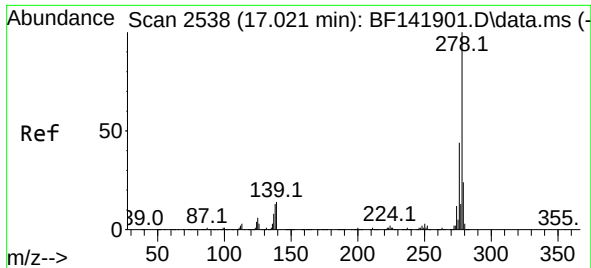
Tgt Ion:252 Resp: 1038112
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 8.2 7.2 10.8



#90
Benzo(a)pyrene
Concen: 48.497 ng
RT: 15.457 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion:252 Resp: 1064045
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.1 7.8 11.8

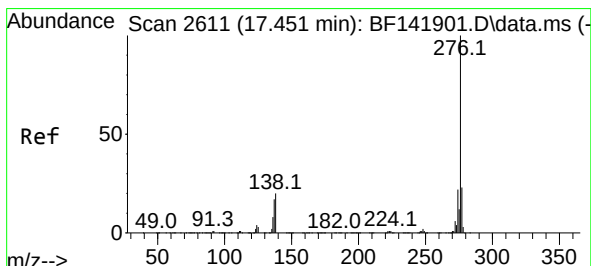
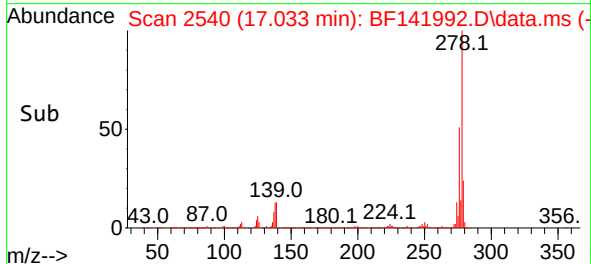
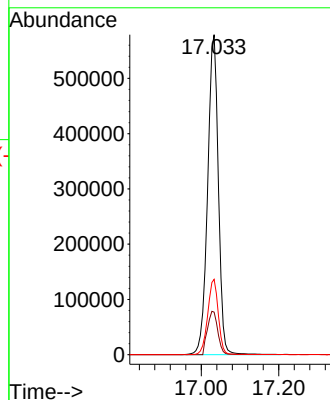
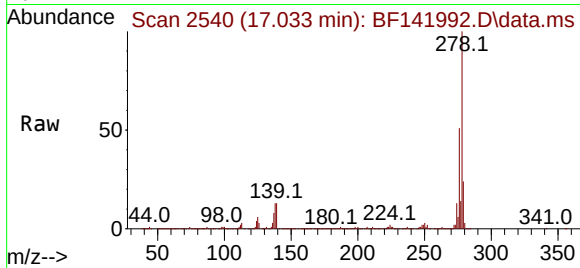




#91
Dibenzo(a,h)anthracene
Concen: 50.924 ng
RT: 17.033 min Scan# 2112019
Delta R.T. 0.012 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Instrument :
BNA_F
ClientSampleId :
JC-03-03132025MS

Tgt Ion:278 Resp: 1112019
Ion Ratio Lower Upper
278 100
139 13.3 11.4 17.2
279 23.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 46.569 ng
RT: 17.468 min Scan# 2614
Delta R.T. 0.018 min
Lab File: BF141992.D
Acq: 18 Mar 2025 13:01

Tgt Ion:276 Resp: 1004916
Ion Ratio Lower Upper
276 100
277 23.6 18.7 28.1
138 18.0 15.8 23.8

