

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141901.D
 Acq On : 10 Mar 2025 12:58
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Mar 10 15:35:20 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 15:01:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	222904	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	874166	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	493744	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	839154	20.000	ng	0.00
76) Chrysene-d12	14.039	240	569865	20.000	ng	0.00
86) Perylene-d12	15.509	264	469286	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1023722	76.628	ng	0.00
7) Phenol-d6	6.504	99	1285980	75.580	ng	0.00
23) Nitrobenzene-d5	7.445	82	1216280	77.983	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	493945	78.949	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2475837	76.357	ng	0.00
79) Terphenyl-d14	12.986	244	2908357	75.440	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	224795	40.148	ng	100
3) Pyridine	3.440	79	544434	39.565	ng	100
4) n-Nitrosodimethylamine	3.393	42	259739	39.710	ng	100
6) Aniline	6.545	93	653060	38.879	ng	100
8) 2-Chlorophenol	6.669	128	561230	37.902	ng	100
9) Benzaldehyde	6.434	77	346818	36.467	ng	100
10) Phenol	6.522	94	684724	38.141	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	510214	37.932	ng	100
12) 1,3-Dichlorobenzene	6.822	146	611938	38.242	ng	100
13) 1,4-Dichlorobenzene	6.898	146	620951	38.355	ng	100
14) 1,2-Dichlorobenzene	7.051	146	581043	38.111	ng	100
15) Benzyl Alcohol	7.022	79	528444	38.371	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	607522	37.476	ng	100
17) 2-Methylphenol	7.128	107	449433	38.190	ng	100
18) Hexachloroethane	7.392	117	230613	37.993	ng	100
19) n-Nitroso-di-n-propyla...	7.298	70	407069	37.223	ng	100
20) 3+4-Methylphenols	7.281	107	576902	38.219	ng	100
22) Acetophenone	7.292	105	804747	38.376	ng	100
24) Nitrobenzene	7.463	77	604738	39.106	ng	100
25) Isophorone	7.704	82	1049049	38.097	ng	100
26) 2-Nitrophenol	7.781	139	305349	40.295	ng	100
27) 2,4-Dimethylphenol	7.810	122	403621	38.671	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	650344	37.702	ng	100
29) 2,4-Dichlorophenol	8.016	162	500239	38.619	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	541182	37.870	ng	100
31) Naphthalene	8.186	128	1719643	38.400	ng	100
32) Benzoic acid	7.928	122	363328	39.827	ng	100
33) 4-Chloroaniline	8.228	127	613535	38.824	ng	100
34) Hexachlorobutadiene	8.304	225	355740	38.285	ng	100
35) Caprolactam	8.604	113	147056	37.335	ng	100
36) 4-Chloro-3-methylphenol	8.704	107	555328	38.549	ng	100
37) 2-Methylnaphthalene	8.875	142	1141228	37.983	ng	100
38) 1-Methylnaphthalene	8.975	142	1089576	37.447	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	584322	38.814	ng	100
41) Hexachlorocyclopentadiene	9.028	237	246666	41.523	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	392696	40.014	ng	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	384539	38.566	ng	100
46) 1,1'-Biphenyl	9.339	154	1436040	38.362	ng	100
47) 2-Chloronaphthalene	9.363	162	1077099	38.609	ng	100
48) 2-Nitroaniline	9.457	65	318068	39.690	ng	100
49) Acenaphthylene	9.780	152	1614250	39.029	ng	100
50) Dimethylphthalate	9.639	163	1312856	38.270	ng	100
51) 2,6-Dinitrotoluene	9.698	165	281695	39.486	ng	100
52) Acenaphthene	9.951	154	1132087	38.764	ng	100
53) 3-Nitroaniline	9.869	138	289208	39.481	ng	100
54) 2,4-Dinitrophenol	9.969	184	140024	38.116	ng	100
55) Dibenzofuran	10.122	168	1593454	38.266	ng	100
56) 4-Nitrophenol	10.016	139	227070	41.266	ng	100
57) 2,4-Dinitrotoluene	10.104	165	370337	39.437	ng	100
58) Fluorene	10.469	166	1213316	37.742	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	354863	39.225	ng	100
60) Diethylphthalate	10.339	149	1319116	38.304	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	635445	37.950	ng	100
62) 4-Nitroaniline	10.480	138	284615	40.097	ng	100
63) Azobenzene	10.616	77	1229473	38.432	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	203106	40.827	ng	100
66) n-Nitrosodiphenylamine	10.574	169	1041349	38.415	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	409602	39.195	ng	100
68) Hexachlorobenzene	11.010	284	452189	39.146	ng	100
69) Atrazine	11.098	200	275084	41.614	ng	100
70) Pentachlorophenol	11.204	266	297893	41.818	ng	100
71) Phenanthrene	11.427	178	1741309	38.373	ng	100
72) Anthracene	11.480	178	1756035	38.571	ng	100
73) Carbazole	11.633	167	1524663	38.898	ng	100
74) Di-n-butylphthalate	11.963	149	1975625	38.175	ng	100
75) Fluoranthene	12.616	202	1860202	39.049	ng	100
77) Benzidine	12.733	184	410026	50.915	ng	100
78) Pyrene	12.845	202	1835917	37.567	ng	100
80) Butylbenzylphthalate	13.463	149	746613	38.769	ng	100
81) Benzo(a)anthracene	14.027	228	1451332	38.713	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	423835	39.114	ng	100
83) Chrysene	14.068	228	1294538	38.439	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	1029987	38.985	ng	100
85) Di-n-octyl phthalate	14.633	149	1441248	39.193	ng	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	1207616	39.681	ng	100
88) Benzo(b)fluoranthene	15.080	252	1135547	35.673	ng	100
89) Benzo(k)fluoranthene	15.109	252	1130615	40.661	ng	100
90) Benzo(a)pyrene	15.451	252	972220	38.727	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	1002747	39.933	ng	100
92) Benzo(g,h,i)perylene	17.451	276	999947	40.149	ng	100

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

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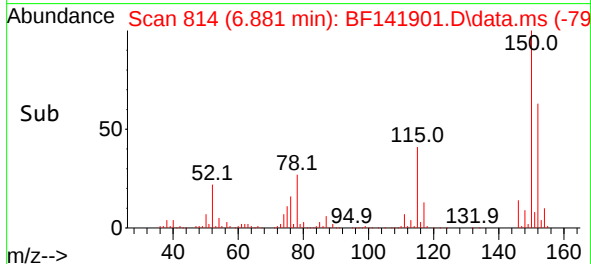
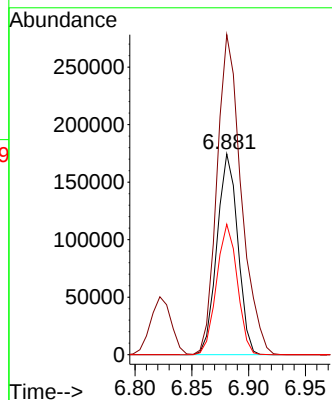
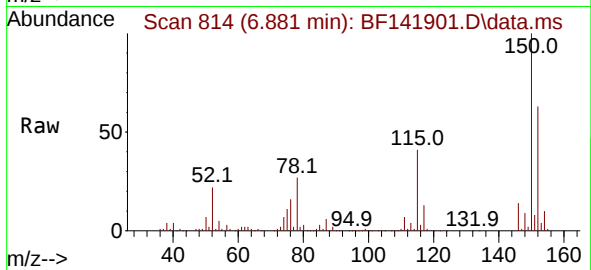




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF141901.D
 Acq: 10 Mar 2025 12:58

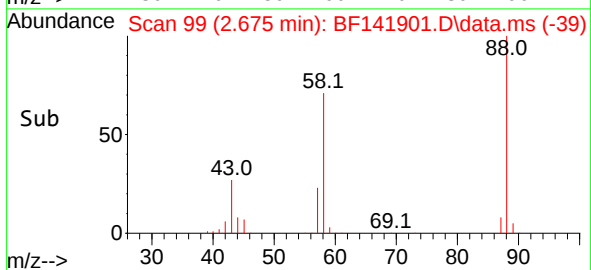
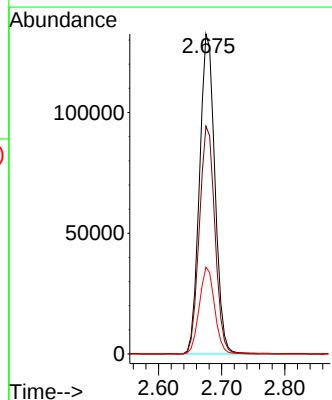
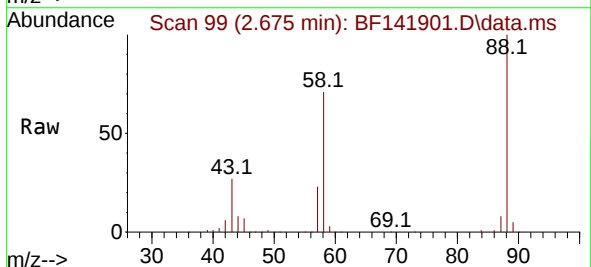
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

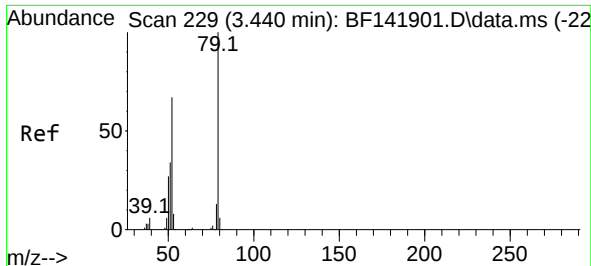
Tgt Ion:152 Resp: 222904
 Ion Ratio Lower Upper
 152 100
 150 159.3 127.4 191.2
 115 64.9 51.9 77.9



#2
 1,4-Dioxane
 Concen: 40.148 ng
 RT: 2.675 min Scan# 99
 Delta R.T. 0.000 min
 Lab File: BF141901.D
 Acq: 10 Mar 2025 12:58

Tgt Ion: 88 Resp: 224795
 Ion Ratio Lower Upper
 88 100
 58 71.8 57.4 86.2
 43 26.9 21.5 32.3





#3

Pyridine

Concen: 39.565 ng

RT: 3.440 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

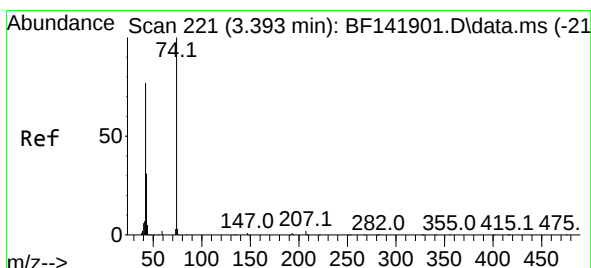
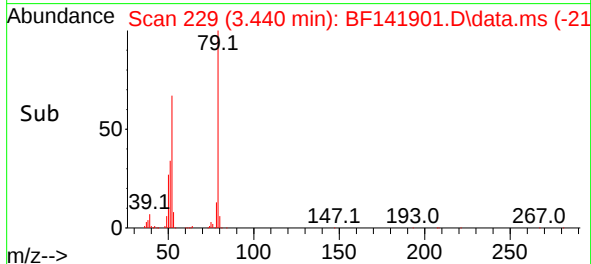
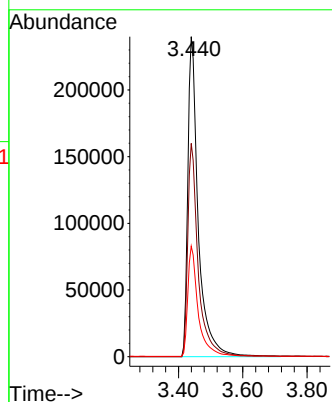
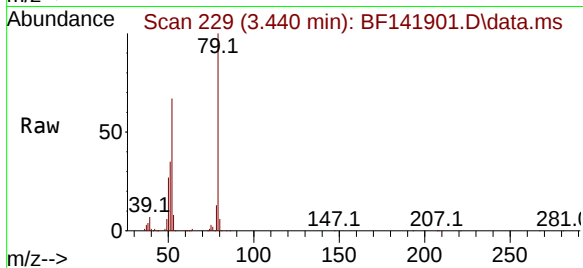
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 544434

Ion	Ratio	Lower	Upper
79	100		
52	66.6	53.3	79.9
51	34.5	27.6	41.4



#4

n-Nitrosodimethylamine

Concen: 39.710 ng

RT: 3.393 min Scan# 221

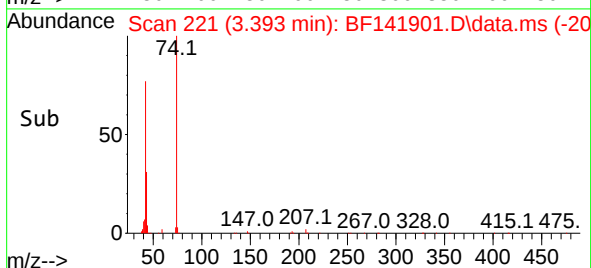
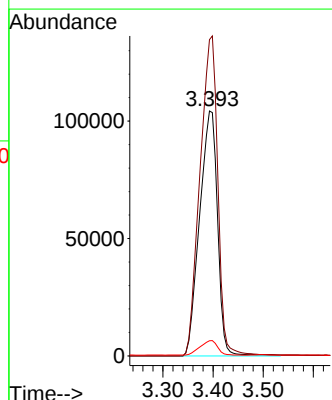
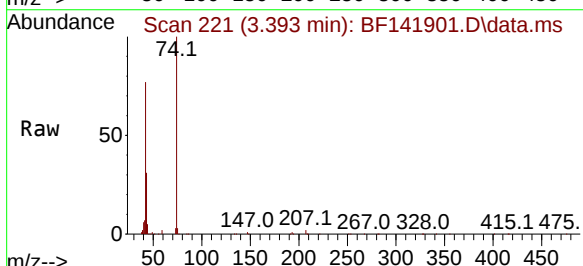
Delta R.T. 0.000 min

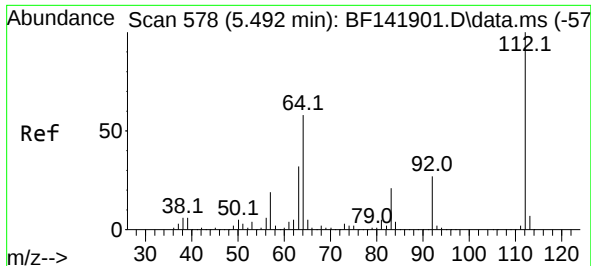
Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Tgt Ion: 42 Resp: 259739

Ion	Ratio	Lower	Upper
42	100		
74	129.2	103.4	155.0
44	6.2	5.0	7.4

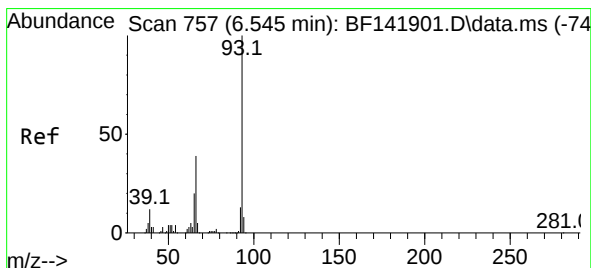
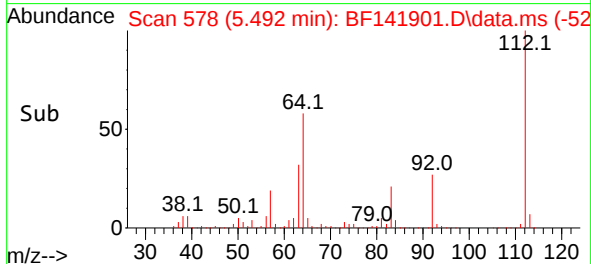
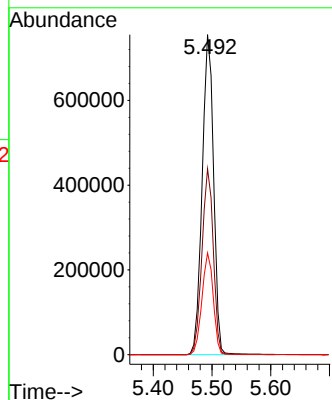
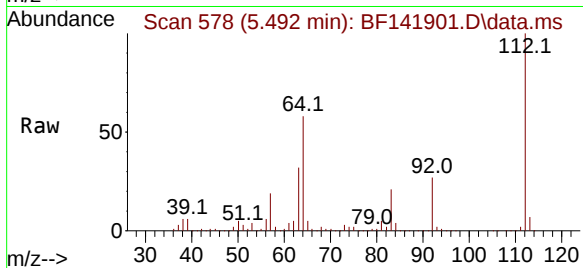




#5
2-Fluorophenol
Concen: 76.628 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

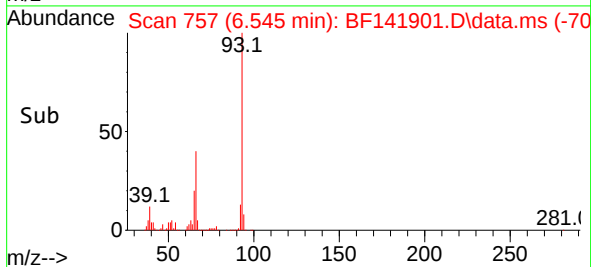
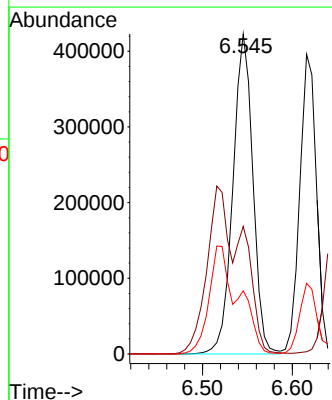
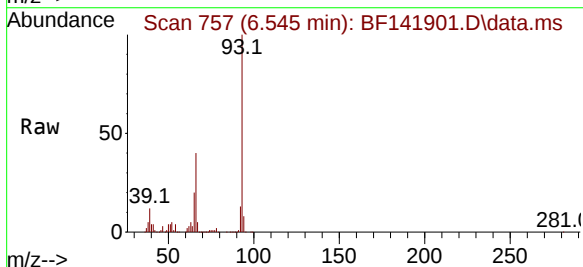
Instrument :
BNA_F
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SSTDICCC040

Tgt Ion:112 Resp: 1023722
Ion Ratio Lower Upper
112 100
64 58.1 46.5 69.7
63 31.8 25.4 38.2



#6
Aniline
Concen: 38.879 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 93 Resp: 653060
Ion Ratio Lower Upper
93 100
66 39.9 31.9 47.9
65 19.7 15.8 23.6

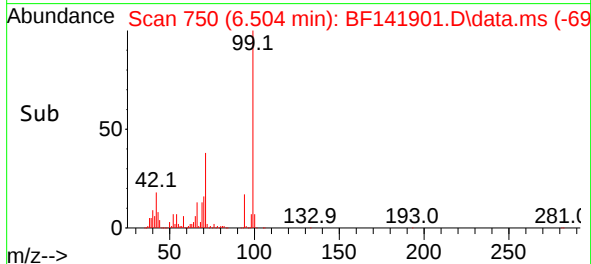
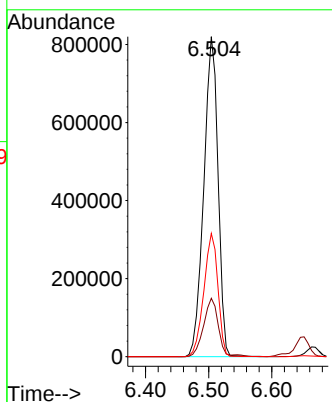
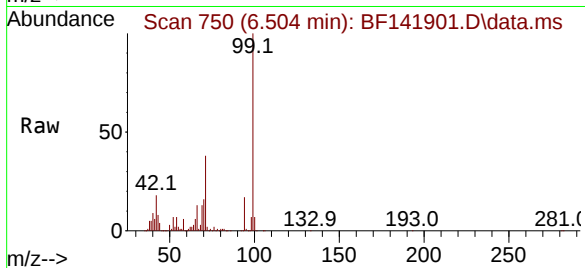




#7
Phenol-d6
Concen: 75.580 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

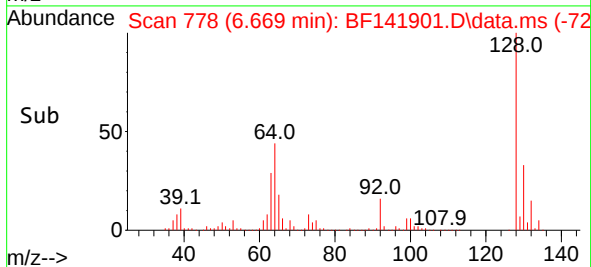
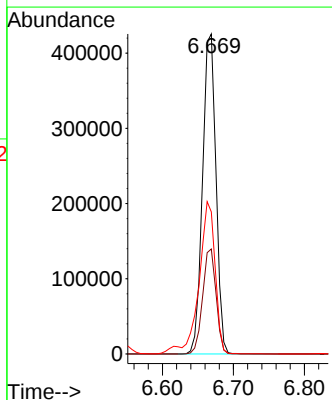
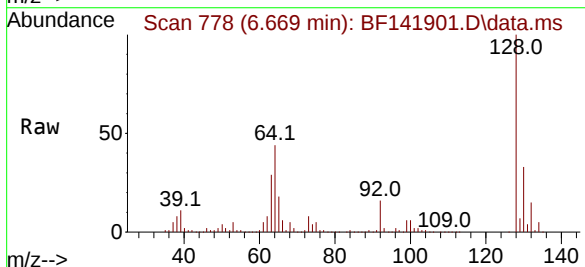
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1285980
Ion Ratio Lower Upper
99 100
42 18.2 14.6 21.8
71 38.5 30.8 46.2



#8
2-Chlorophenol
Concen: 37.902 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 128 Resp: 561230
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 44.4 24.4 64.4

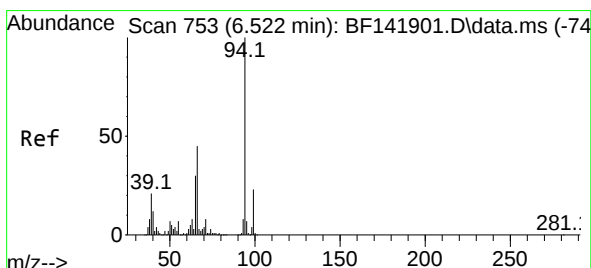
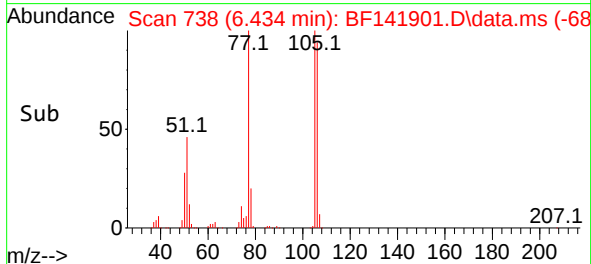
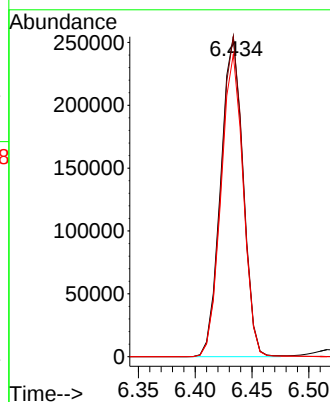
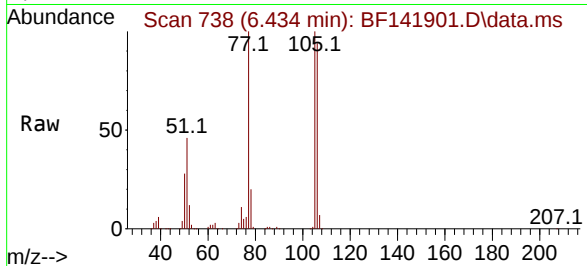




#9
Benzaldehyde
Concen: 36.467 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

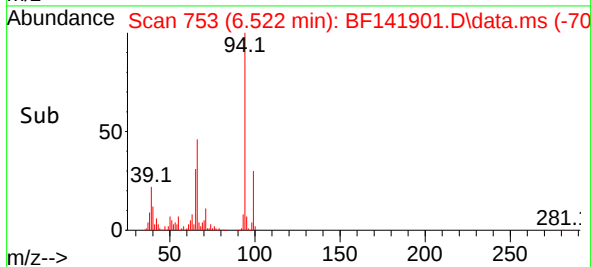
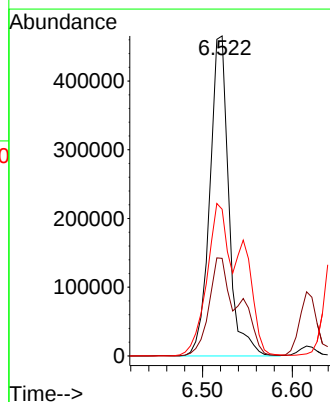
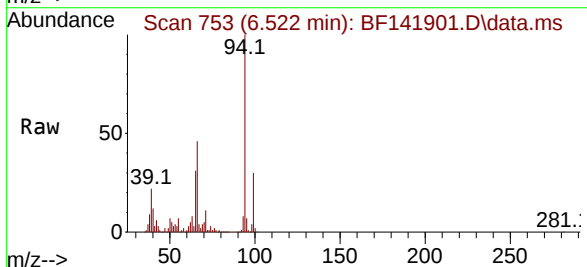
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

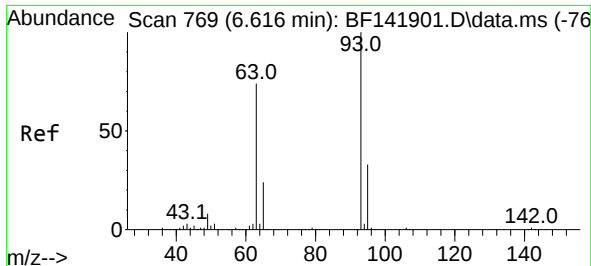
Tgt Ion: 77 Resp: 346818
Ion Ratio Lower Upper
77 100
105 100.0 80.0 120.0
106 94.5 74.5 114.5



#10
Phenol
Concen: 38.141 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 94 Resp: 684724
Ion Ratio Lower Upper
94 100
65 30.5 10.5 50.5
66 45.8 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 37.932 ng

RT: 6.616 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

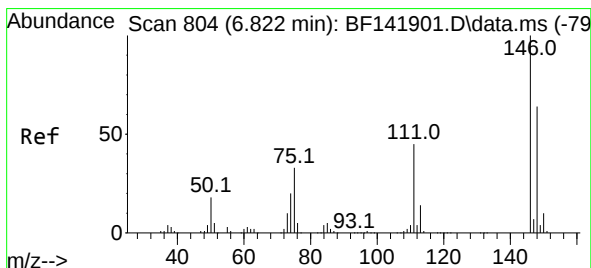
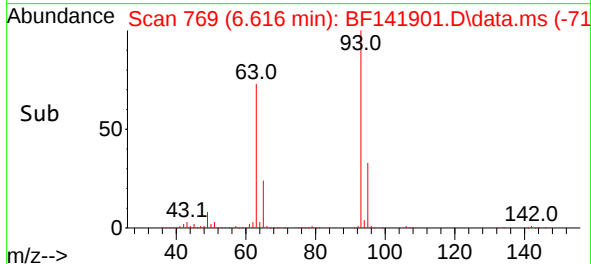
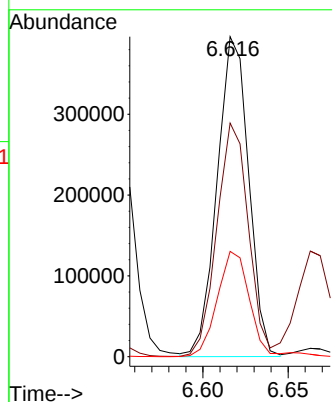
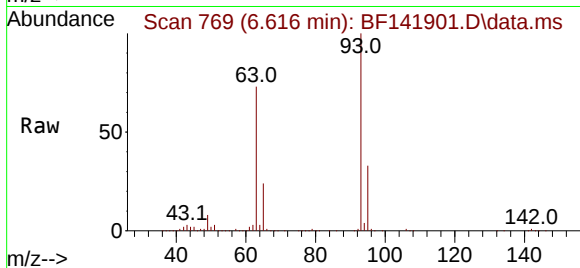
Tgt Ion: 93 Resp: 510214

Ion Ratio Lower Upper

93 100

63 73.0 53.0 93.0

95 32.9 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 38.242 ng

RT: 6.822 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

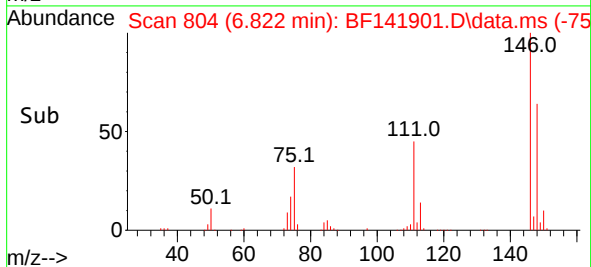
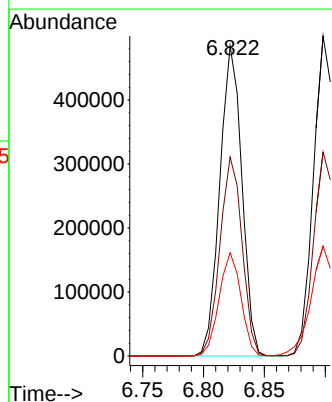
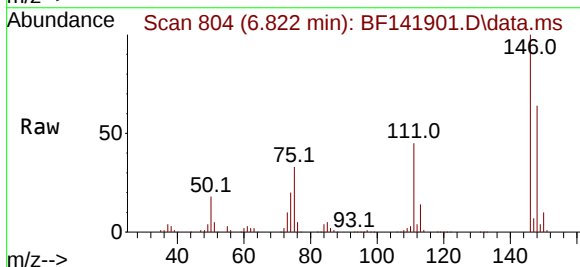
Tgt Ion: 146 Resp: 611938

Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

75 33.3 26.6 40.0

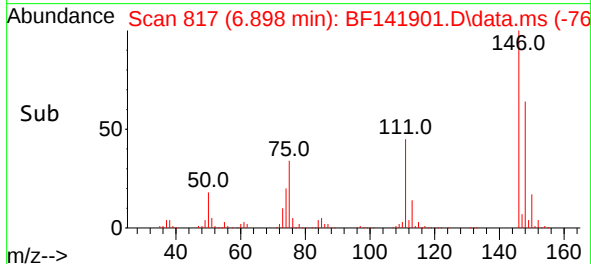
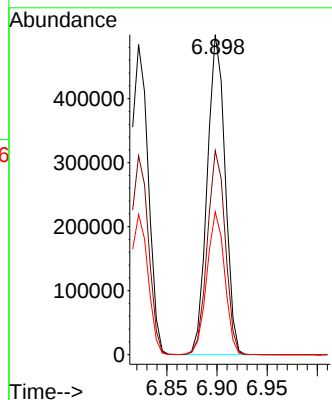
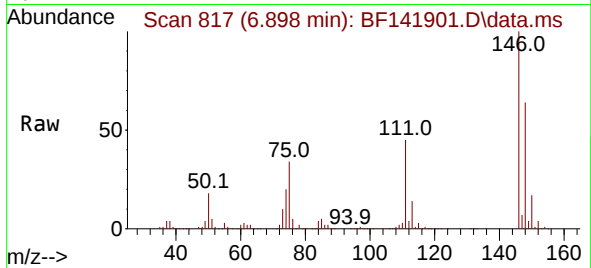




#13
 1,4-Dichlorobenzene
 Concen: 38.355 ng
 RT: 6.898 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BF141901.D
 Acq: 10 Mar 2025 12:58

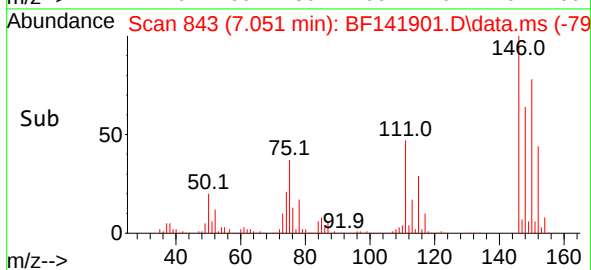
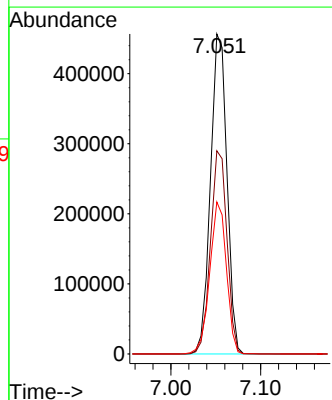
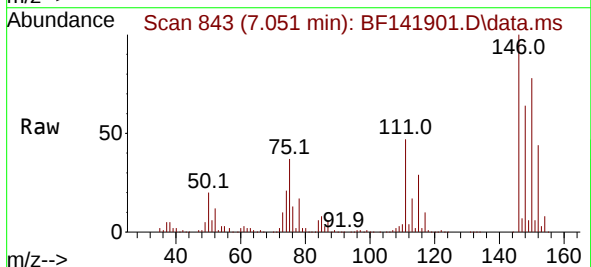
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Tgt Ion:146 Resp: 620951
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.0 76.6
 111 44.6 35.7 53.5



#14
 1,2-Dichlorobenzene
 Concen: 38.111 ng
 RT: 7.051 min Scan# 843
 Delta R.T. 0.000 min
 Lab File: BF141901.D
 Acq: 10 Mar 2025 12:58

Tgt Ion:146 Resp: 581043
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 47.5 38.0 57.0

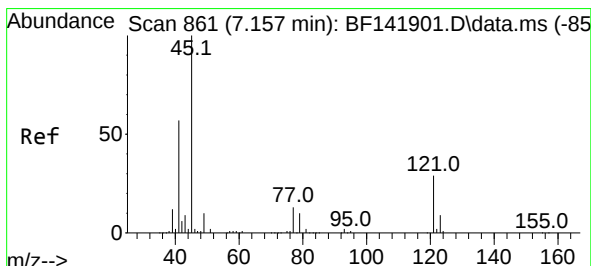
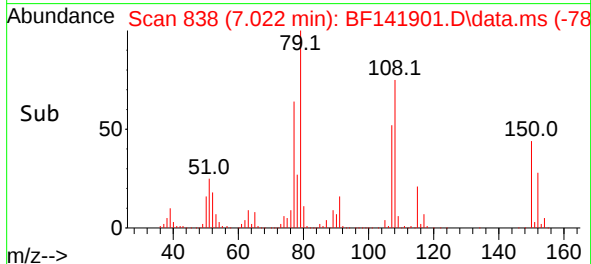
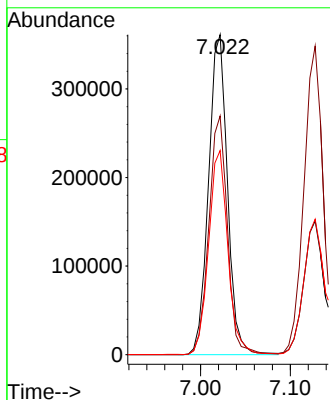
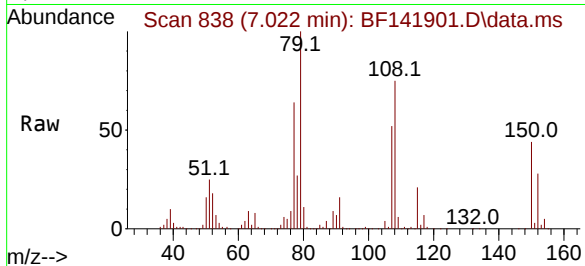




#15
Benzyl Alcohol
Concen: 38.371 ng
RT: 7.022 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

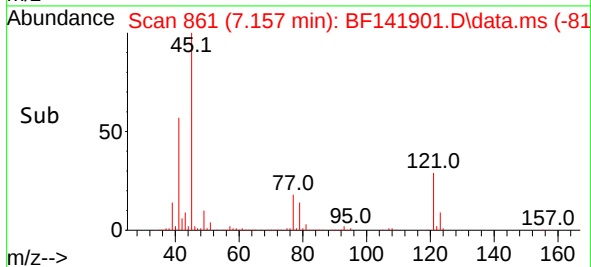
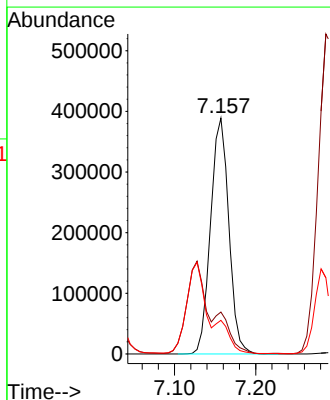
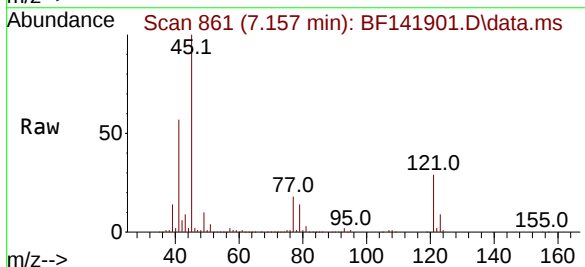
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

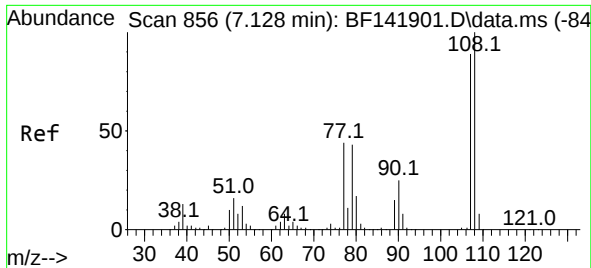
Tgt Ion: 79 Resp: 528444
Ion Ratio Lower Upper
79 100
108 74.6 59.7 89.5
77 63.8 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.476 ng
RT: 7.157 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 45 Resp: 607522
Ion Ratio Lower Upper
45 100
77 17.8 0.0 37.8
79 14.2 0.0 34.2

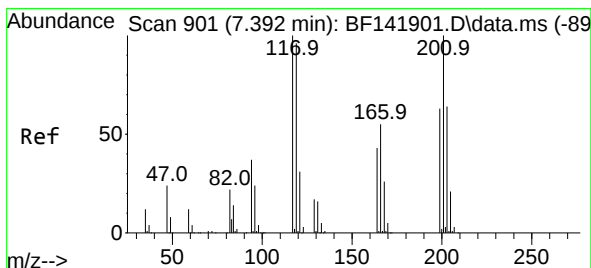
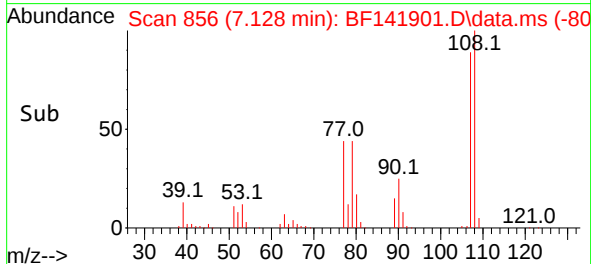
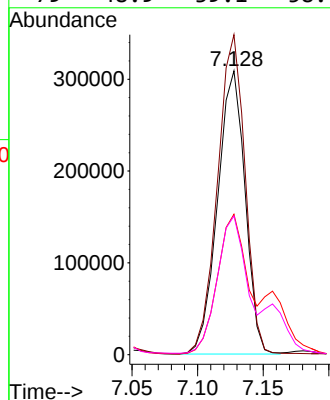
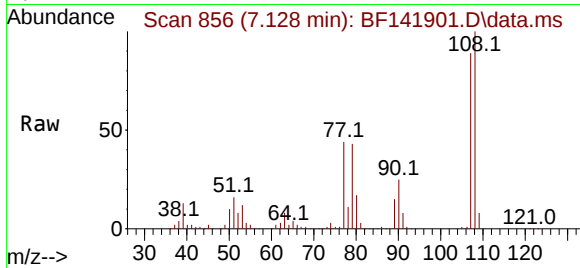




#17
2-Methylphenol
Concen: 38.190 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

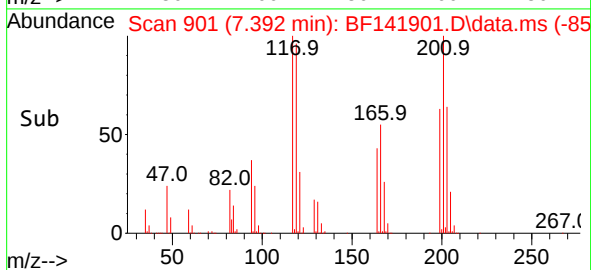
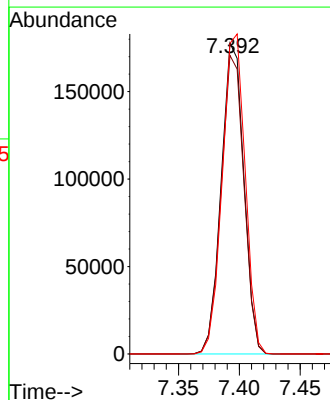
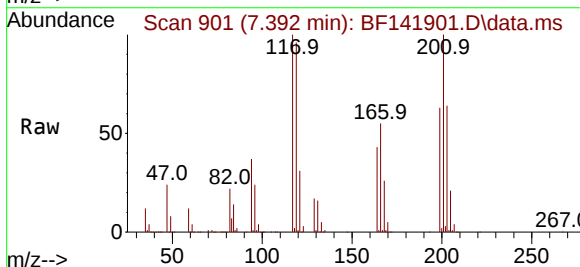
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:	107	Resp:	449433
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.2	135.2
77	49.5	39.6	59.4
79	48.9	39.1	58.7



#18
Hexachloroethane
Concen: 37.993 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:	117	Resp:	230613
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.9	115.3
201	99.9	79.9	119.9





#19

n-Nitroso-di-n-propylamine

Concen: 37.223 ng

RT: 7.298 min Scan# 885

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 407069

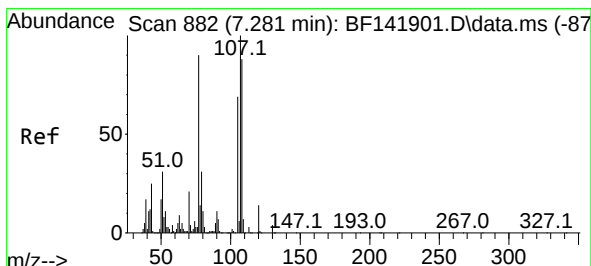
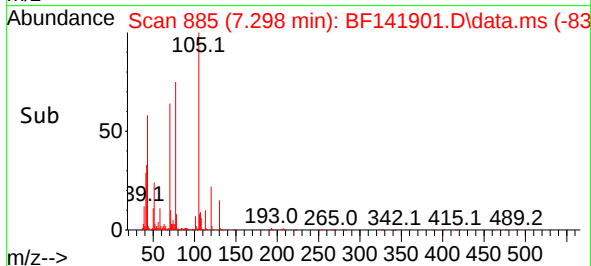
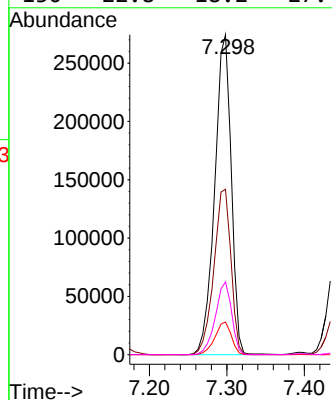
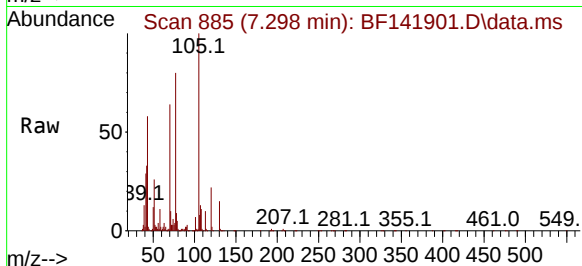
Ion Ratio Lower Upper

70 100

42 51.7 41.4 62.0

101 10.2 8.2 12.2

130 22.8 18.2 27.4



#20

3+4-Methylphenols

Concen: 38.219 ng

RT: 7.281 min Scan# 882

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Tgt Ion: 107 Resp: 576902

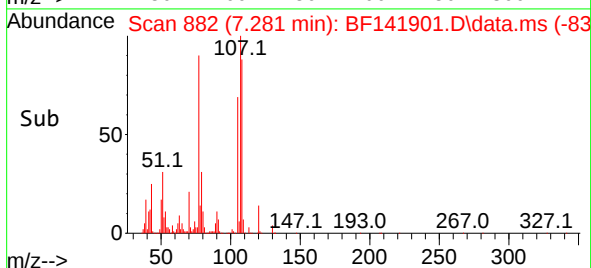
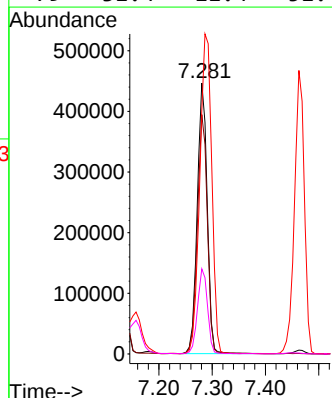
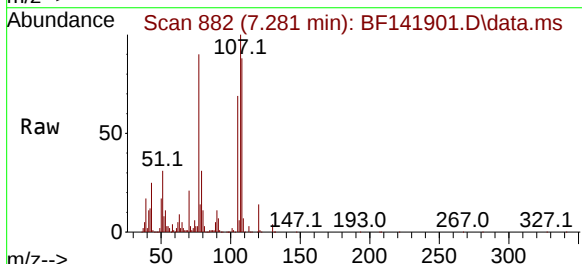
Ion Ratio Lower Upper

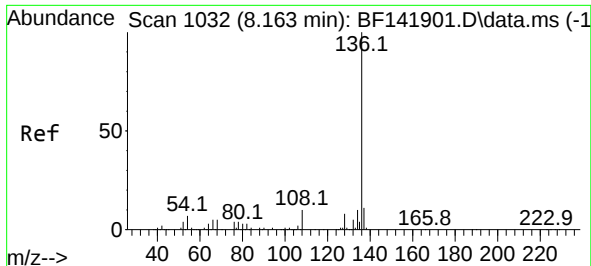
107 100

108 88.4 68.4 108.4

77 89.7 69.7 109.7

79 31.4 11.4 51.4

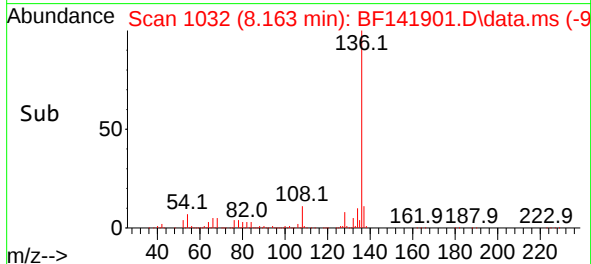
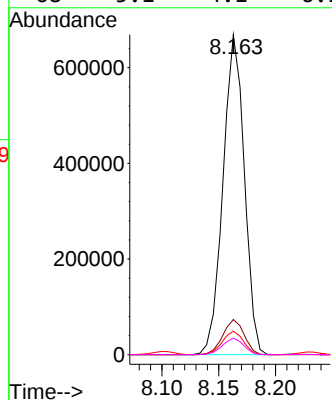
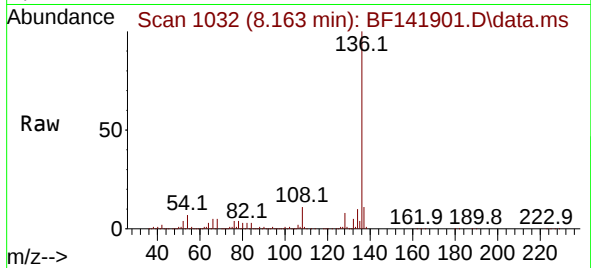




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

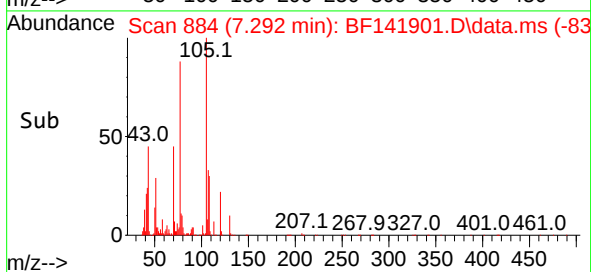
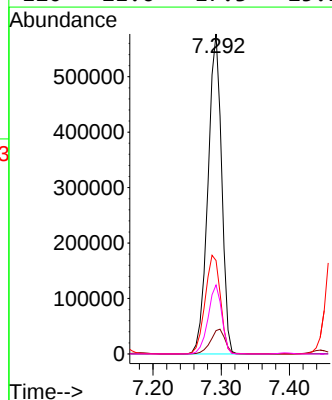
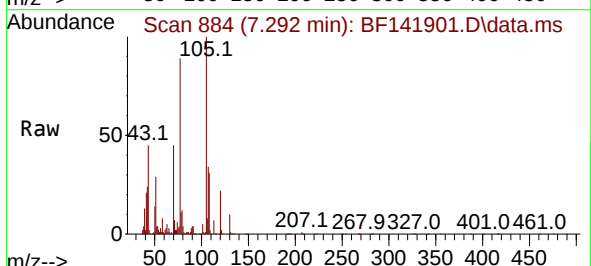
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

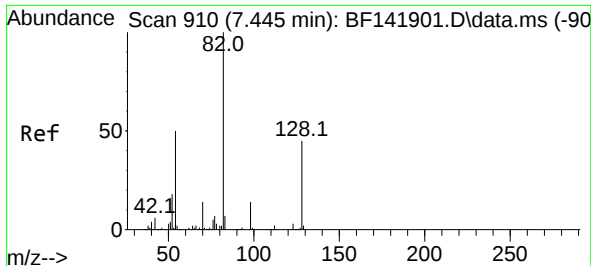
Tgt Ion:136	Resp: 874166
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 7.3	5.8 8.8
68 5.1	4.1 6.1



#22
Acetophenone
Concen: 38.376 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt	Ion:105	Resp:	804747
Ion	Ratio	Lower	Upper
105	100		
71	7.3	5.8	8.8
51	29.2	23.4	35.0
120	21.6	17.3	25.9

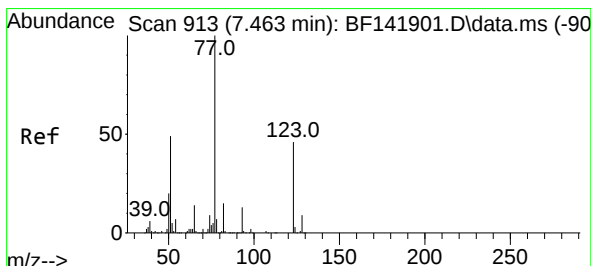
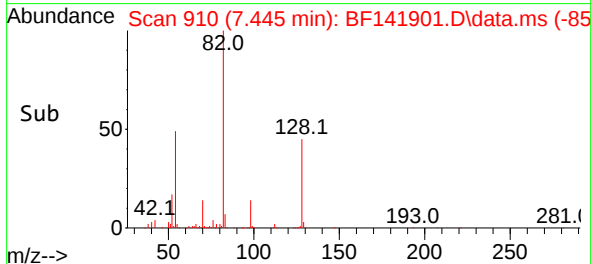
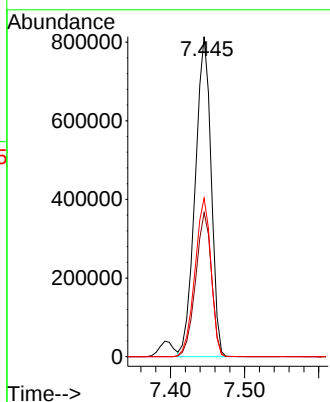
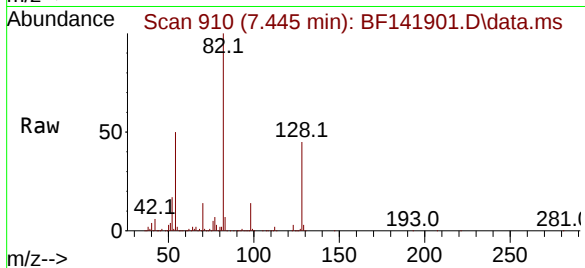




#23
Nitrobenzene-d5
Concen: 77.983 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

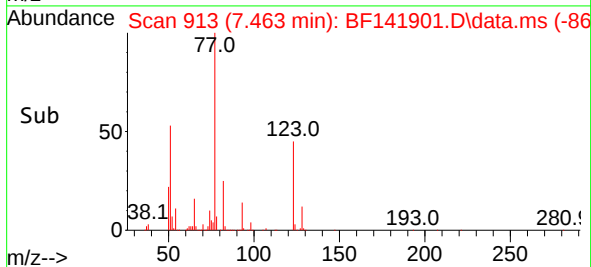
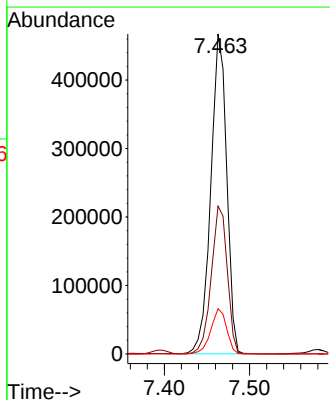
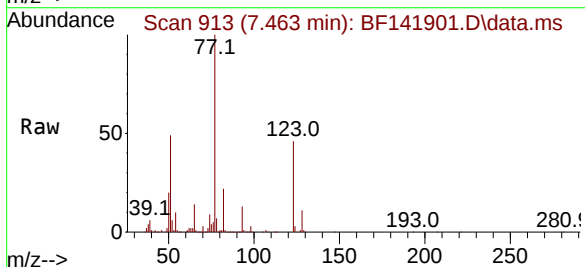
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

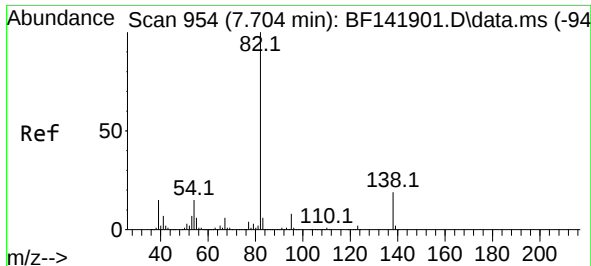
Tgt Ion: 82 Resp: 1216280
Ion Ratio Lower Upper
82 100
128 45.0 36.0 54.0
54 49.5 39.6 59.4



#24
Nitrobenzene
Concen: 39.106 ng
RT: 7.463 min Scan# 913
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 77 Resp: 604738
Ion Ratio Lower Upper
77 100
123 46.2 37.0 55.4
65 14.1 11.3 16.9

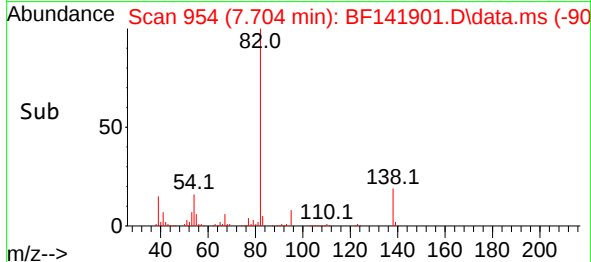
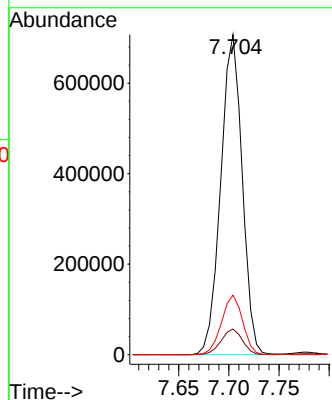
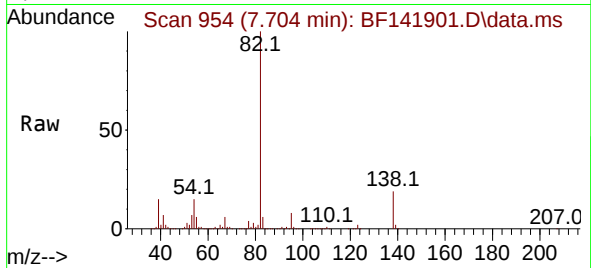




#25
Isophorone
Concen: 38.097 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

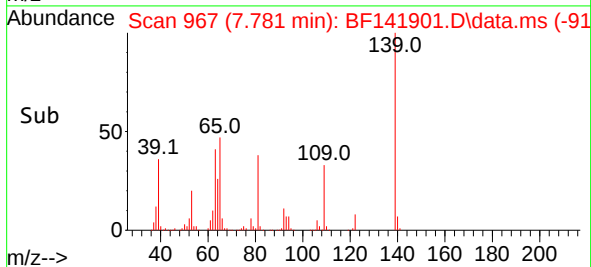
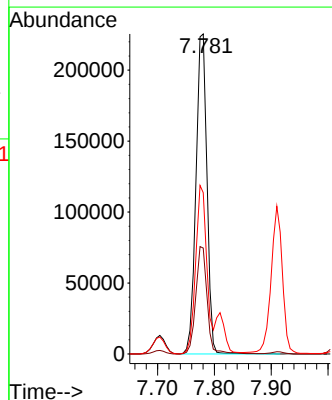
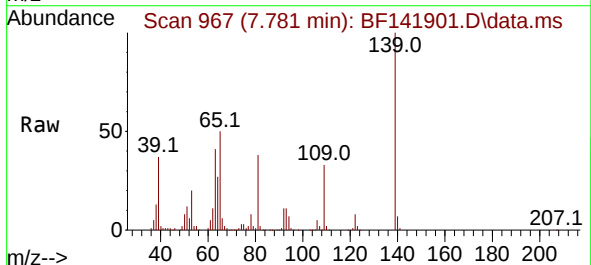
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1049049
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 18.6 14.9 22.3



#26
2-Nitrophenol
Concen: 40.295 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 139 Resp: 305349
Ion Ratio Lower Upper
139 100
109 33.1 26.5 39.7
65 50.4 40.3 60.5

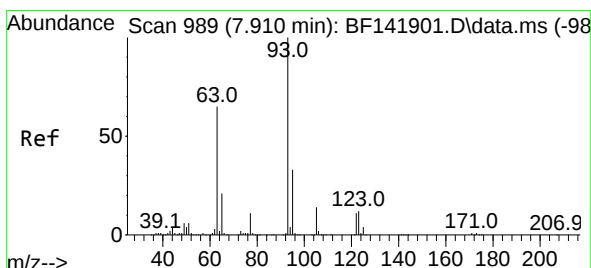
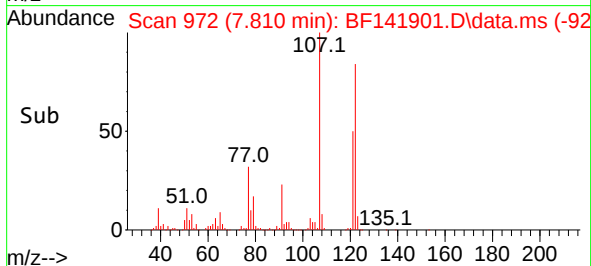
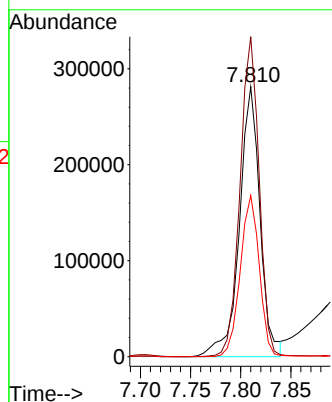
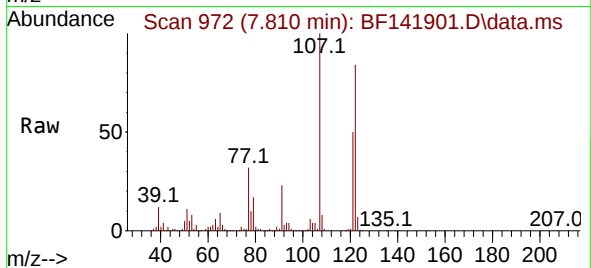




#27
2,4-Dimethylphenol
Concen: 38.671 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

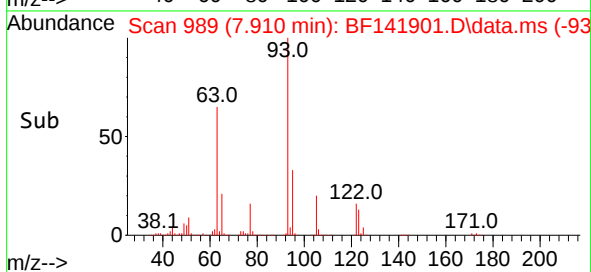
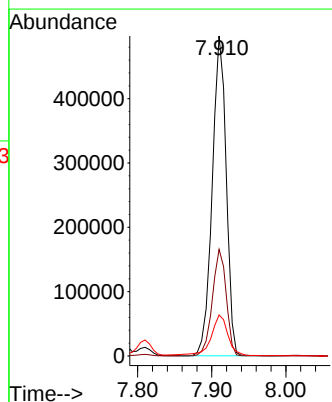
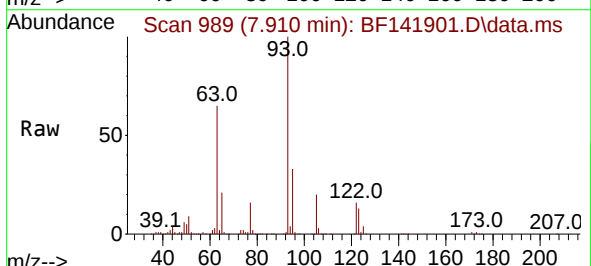
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 403621
Ion Ratio Lower Upper
122 100
107 118.5 94.8 142.2
121 59.7 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 37.702 ng
RT: 7.910 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 93 Resp: 650344
Ion Ratio Lower Upper
93 100
95 33.3 26.6 40.0
123 12.8 10.2 15.4

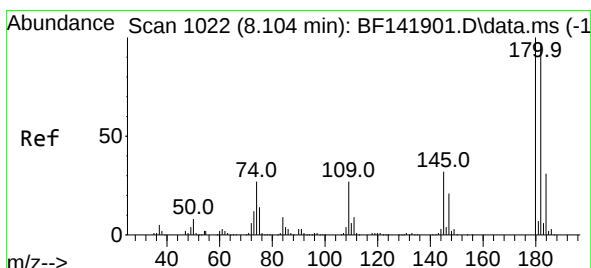
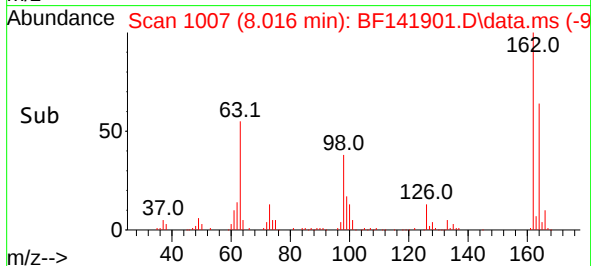
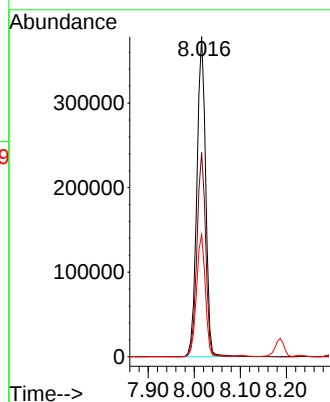
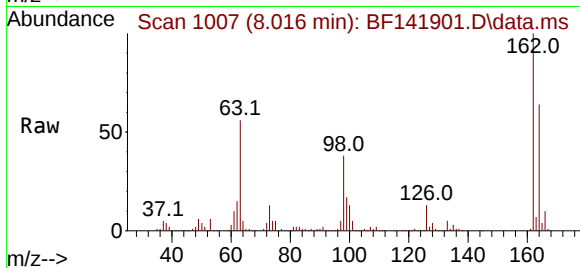




#29
2,4-Dichlorophenol
Concen: 38.619 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

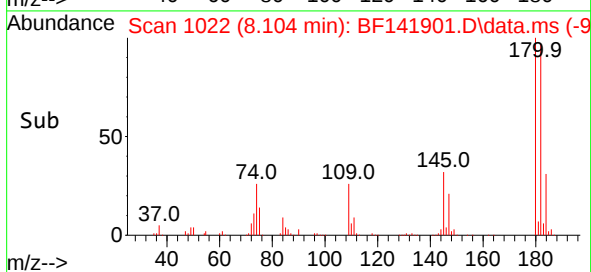
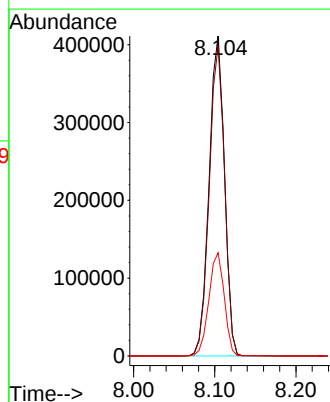
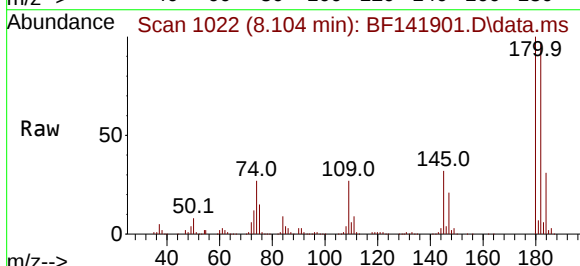
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

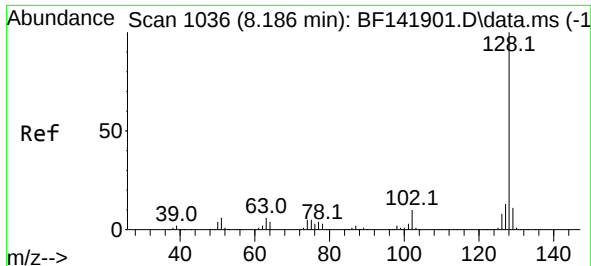
Tgt Ion:162 Resp: 500239
Ion Ratio Lower Upper
162 100
164 63.8 43.8 83.8
98 38.1 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 37.870 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:180 Resp: 541182
Ion Ratio Lower Upper
180 100
182 96.9 77.5 116.3
145 32.2 25.8 38.6

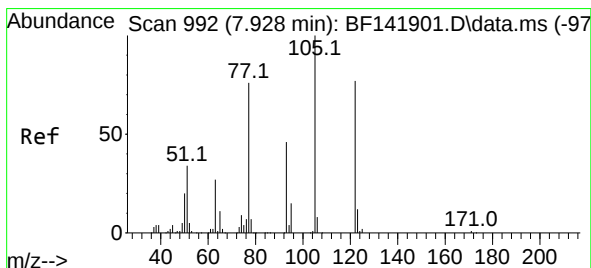
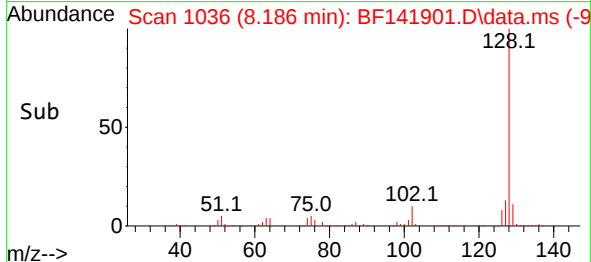
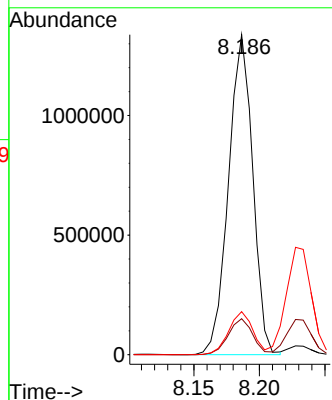
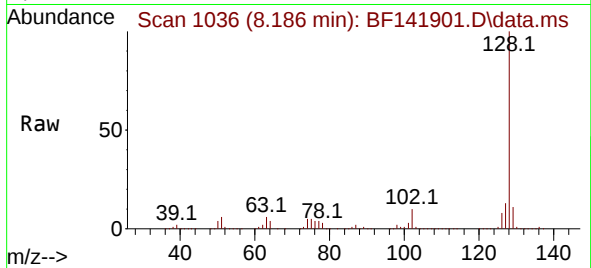




#31
Naphthalene
Concen: 38.400 ng
RT: 8.186 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

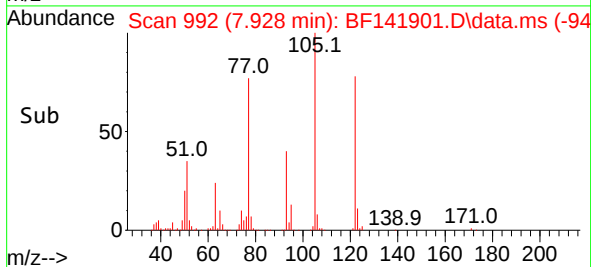
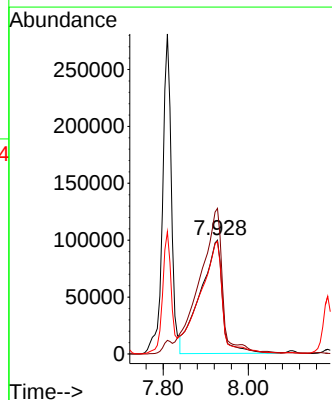
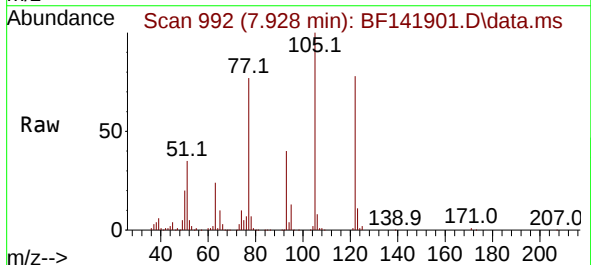
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 1719643
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 39.827 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:122 Resp: 363328
Ion Ratio Lower Upper
122 100
105 127.9 107.9 147.9
77 99.0 79.0 119.0

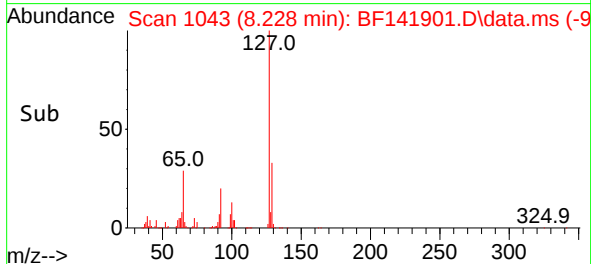
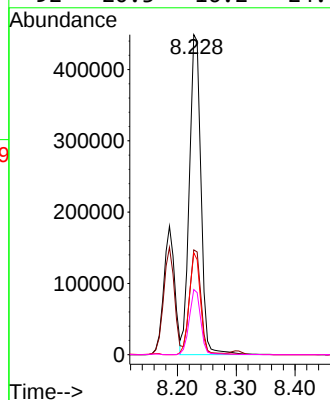
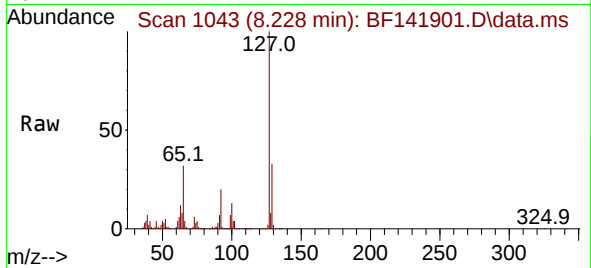




#33
4-Chloroaniline
Concen: 38.824 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

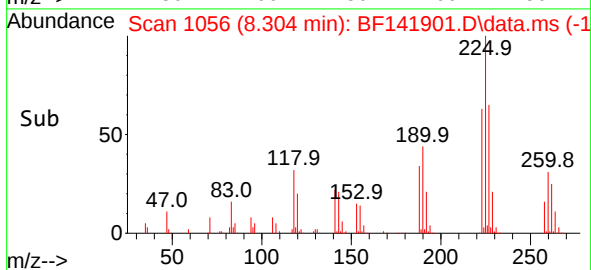
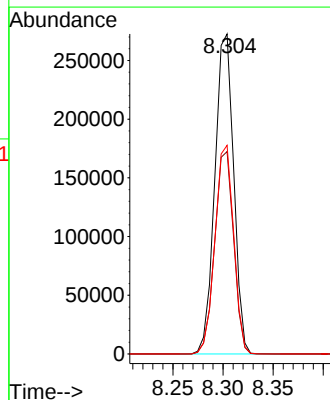
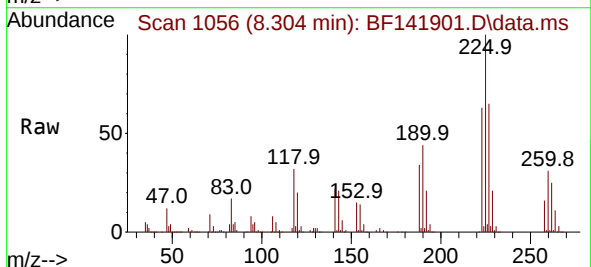
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

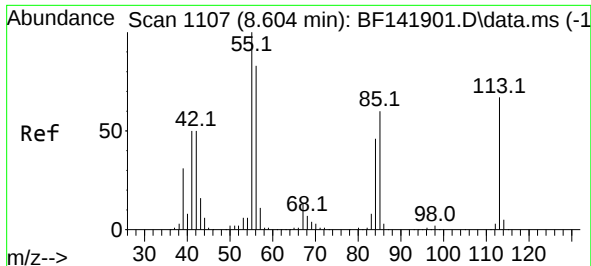
Tgt Ion:	127	Resp:	613535
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.4
65	31.8	25.4	38.2
92	20.3	16.2	24.4



#34
Hexachlorobutadiene
Concen: 38.285 ng
RT: 8.304 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:	225	Resp:	355740
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	75.8
227	65.2	52.2	78.2

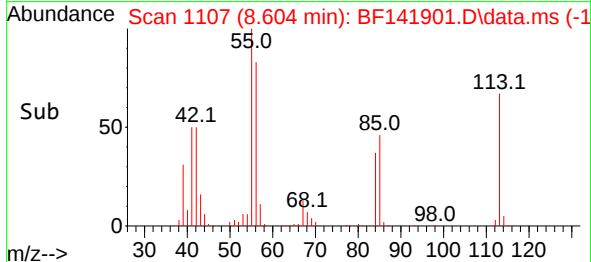
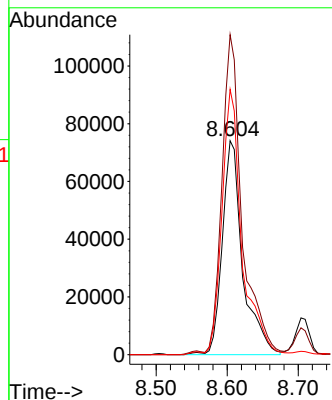
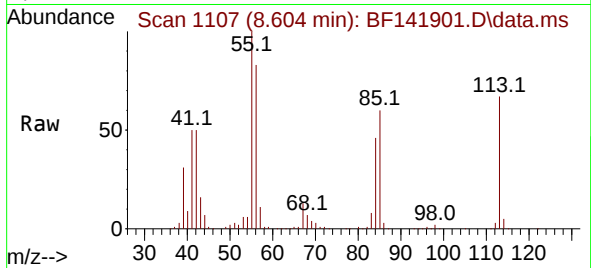




#35
 Caprolactam
 Concen: 37.335 ng
 RT: 8.604 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: BF141901.D
 Acq: 10 Mar 2025 12:58

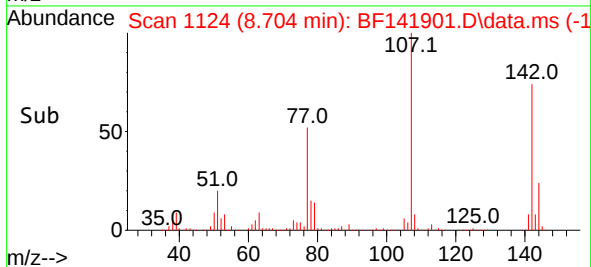
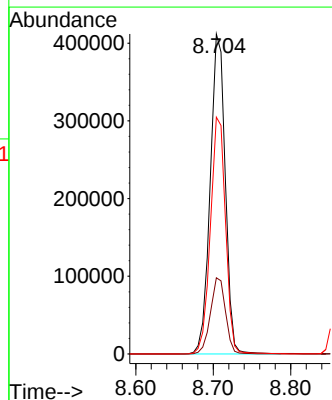
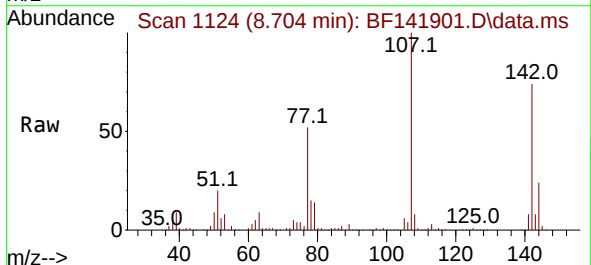
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Tgt Ion:113 Resp: 147056
 Ion Ratio Lower Upper
 113 100
 55 149.6 129.6 169.6
 56 124.0 104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 38.549 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF141901.D
 Acq: 10 Mar 2025 12:58

Tgt Ion:107 Resp: 555328
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.0 28.6
 142 74.0 59.2 88.8





#37

2-Methylnaphthalene

Concen: 37.983 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

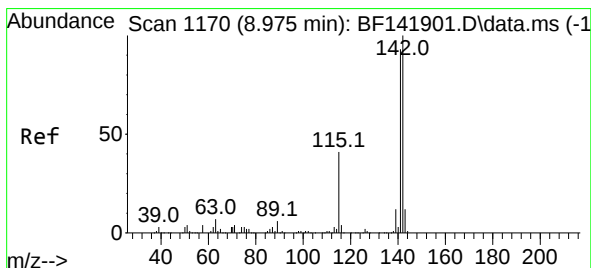
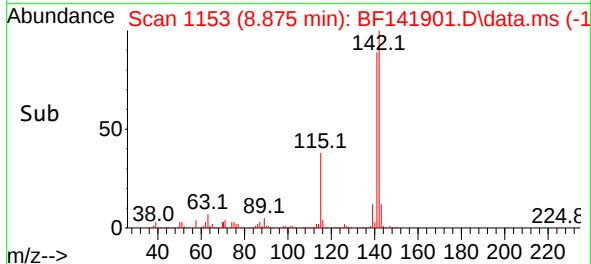
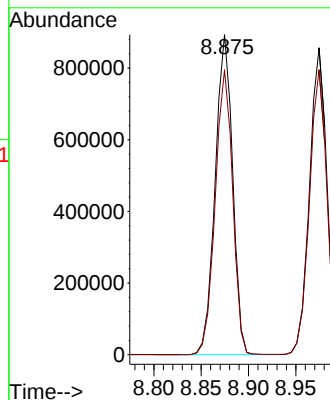
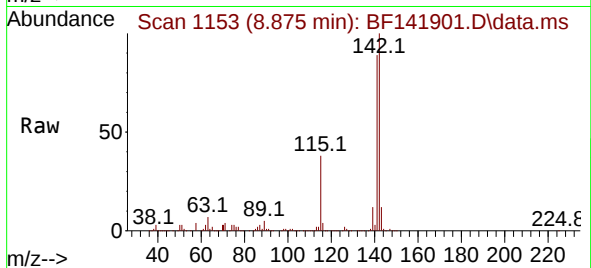
SSTDICCC040

Tgt Ion:142 Resp: 1141228

Ion Ratio Lower Upper

142 100

141 89.0 71.2 106.8



#38

1-Methylnaphthalene

Concen: 37.447 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF141901.D

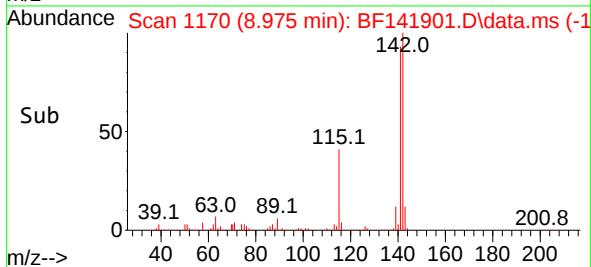
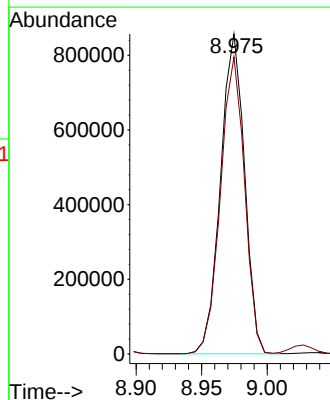
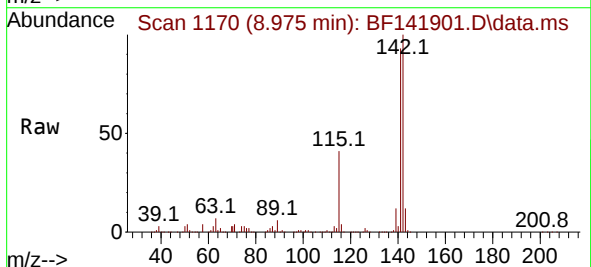
Acq: 10 Mar 2025 12:58

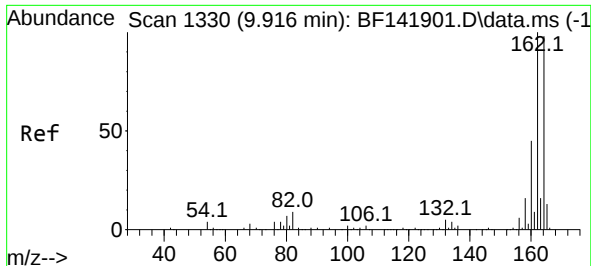
Tgt Ion:142 Resp: 1089576

Ion Ratio Lower Upper

142 100

141 92.8 74.2 111.4

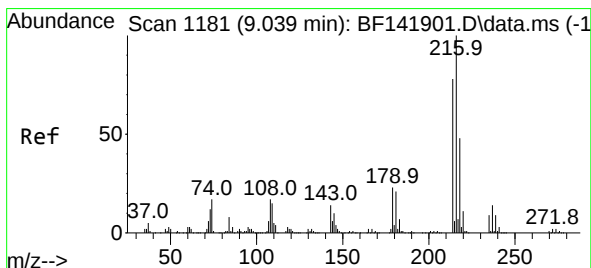
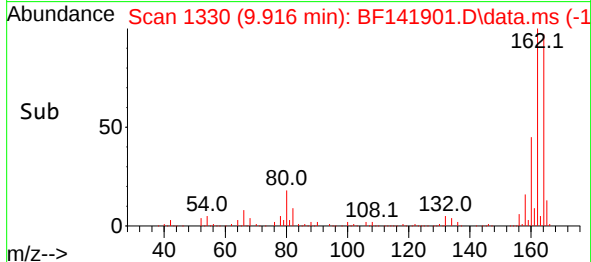
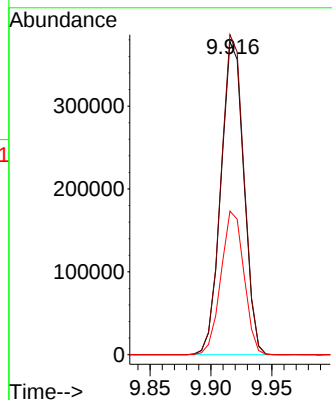
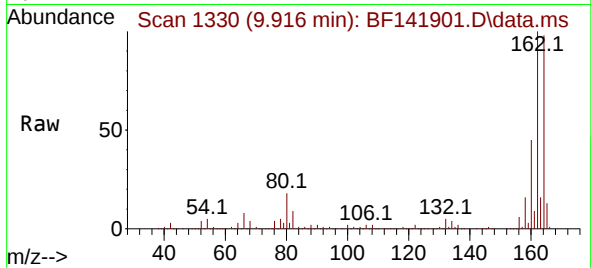




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

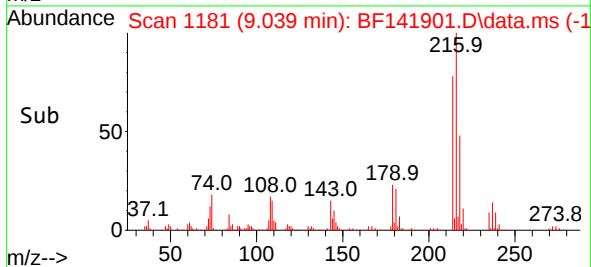
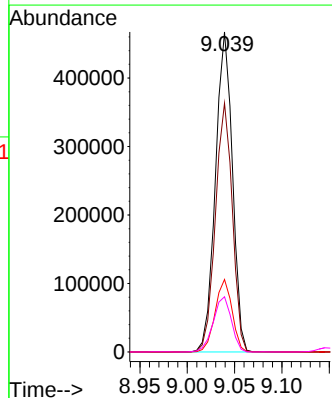
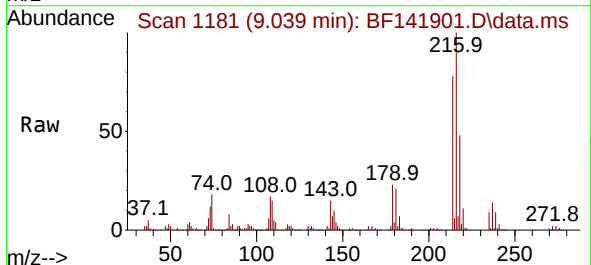
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

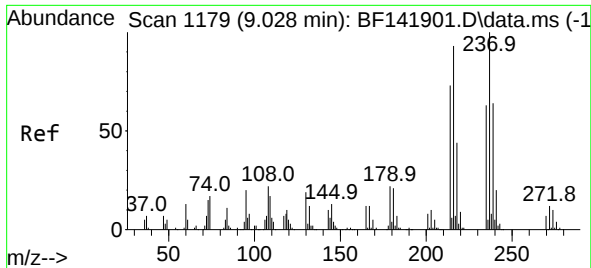
Tgt Ion:164 Resp: 493744
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.6
160 45.9 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.814 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:216 Resp: 584322
Ion Ratio Lower Upper
216 100
214 77.4 61.9 92.9
179 22.6 18.1 27.1
108 18.4 14.7 22.1

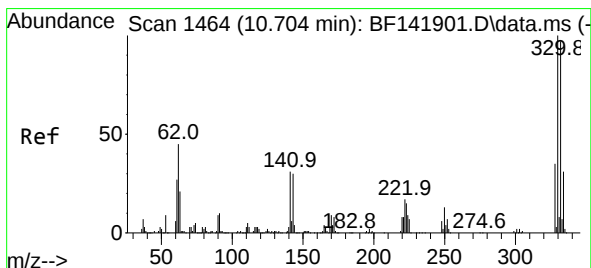
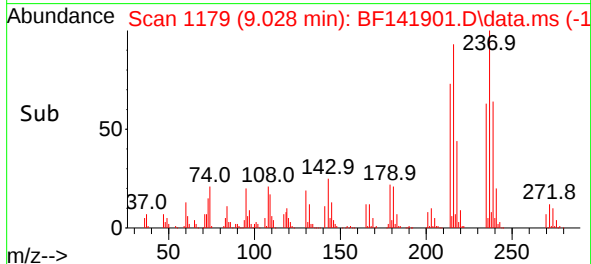
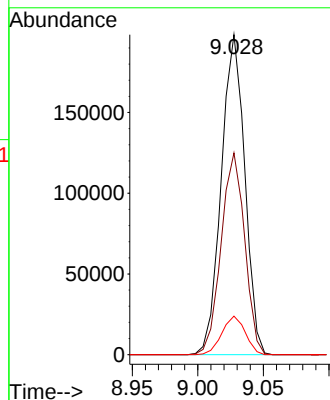
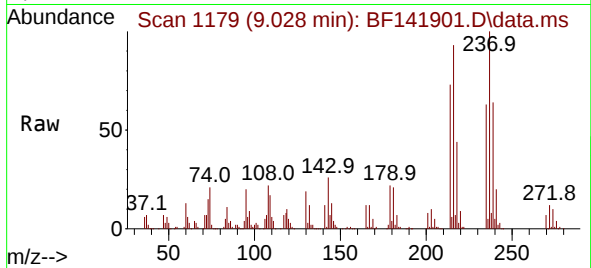




#41
Hexachlorocyclopentadiene
Concen: 41.523 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

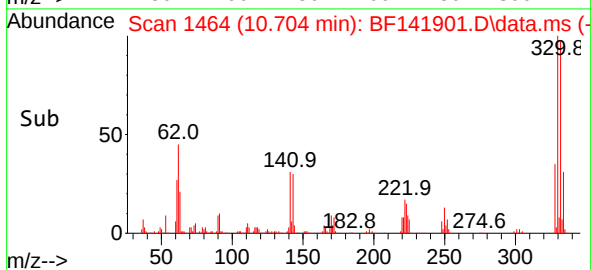
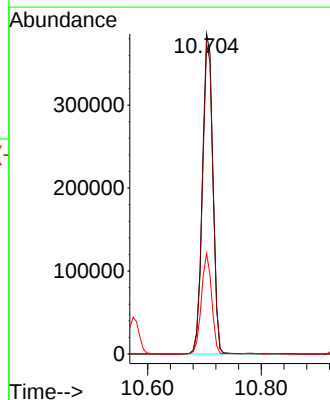
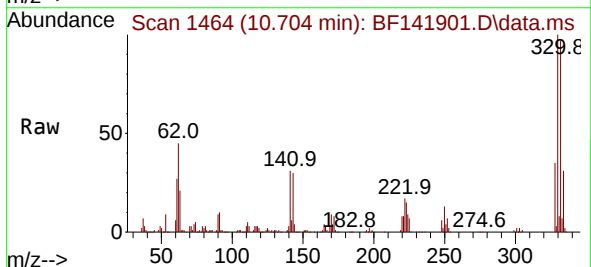
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 246666
Ion Ratio Lower Upper
237 100
235 63.1 43.1 83.1
272 12.0 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 78.949 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:330 Resp: 493945
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 30.9 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 40.014 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF141901.D

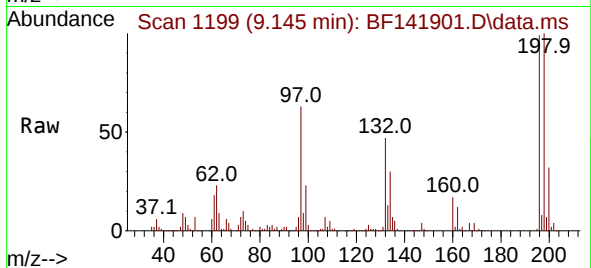
Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



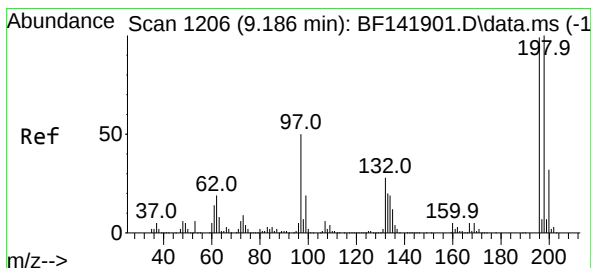
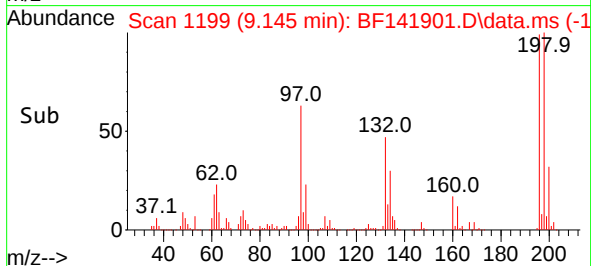
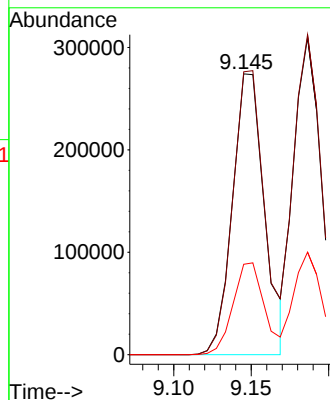
Tgt Ion:196 Resp: 392696

Ion Ratio Lower Upper

196 100

198 100.8 80.6 121.0

200 32.2 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 38.566 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Tgt Ion:196 Resp: 384539

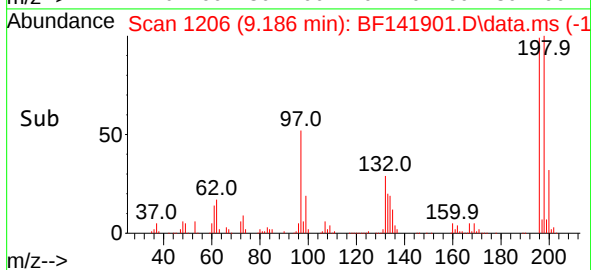
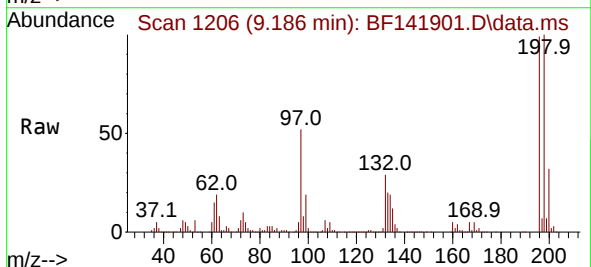
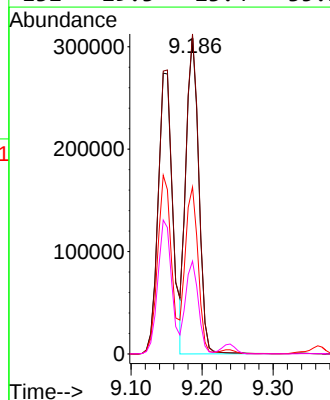
Ion Ratio Lower Upper

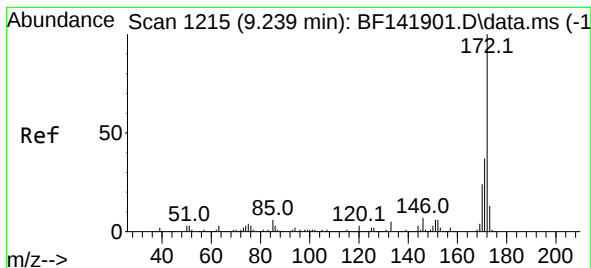
196 100

198 100.9 80.7 121.1

97 52.6 42.1 63.1

132 29.3 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 76.357 ng

RT: 9.239 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

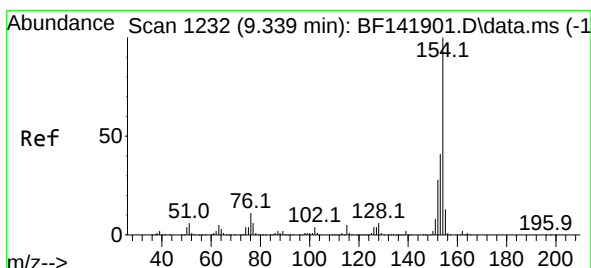
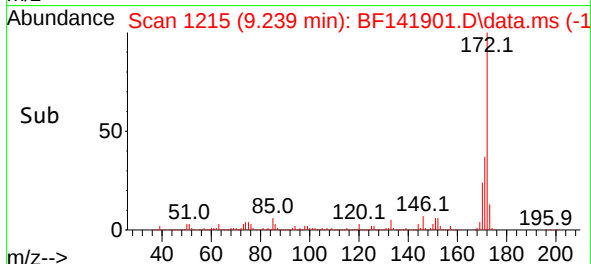
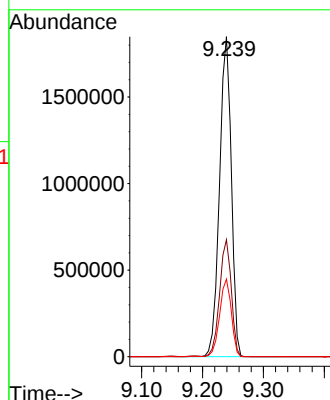
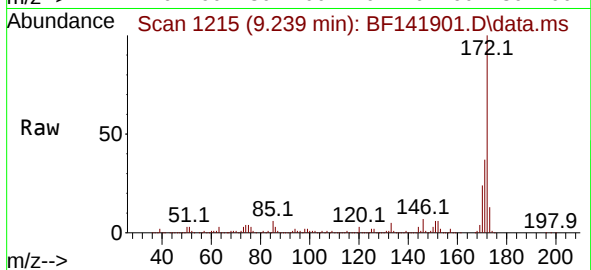
Tgt Ion:172 Resp: 2475837

Ion Ratio Lower Upper

172 100

171 36.6 29.3 43.9

170 24.2 19.4 29.0



#46

1,1'-Biphenyl

Concen: 38.362 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

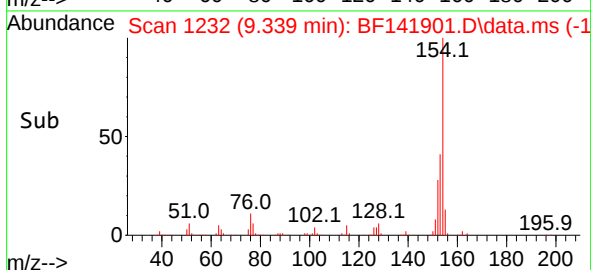
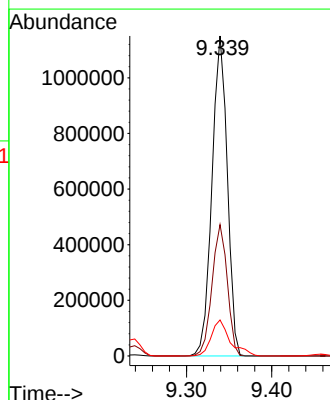
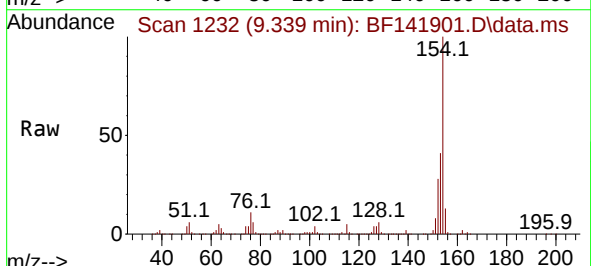
Tgt Ion:154 Resp: 1436040

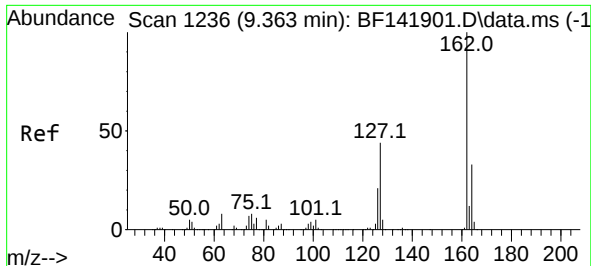
Ion Ratio Lower Upper

154 100

153 41.1 21.1 61.1

76 11.3 0.0 31.3

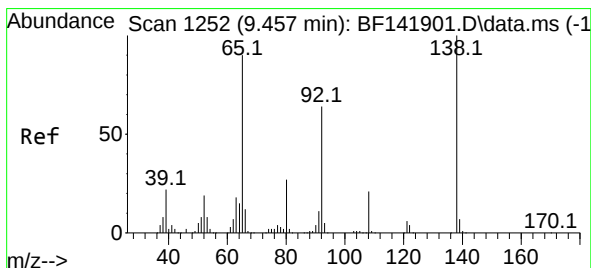
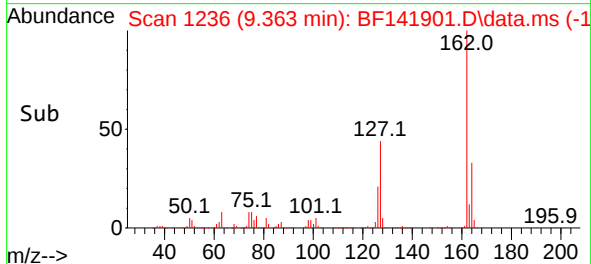
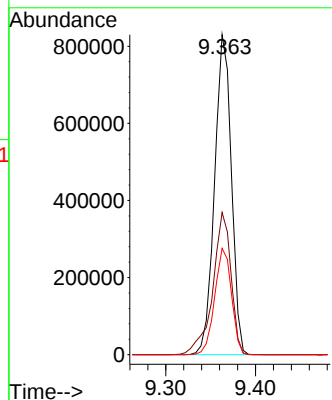
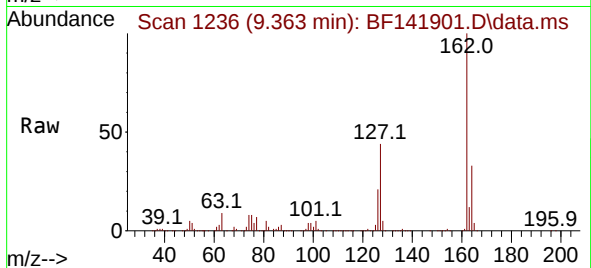




#47
2-Chloronaphthalene
Concen: 38.609 ng
RT: 9.363 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

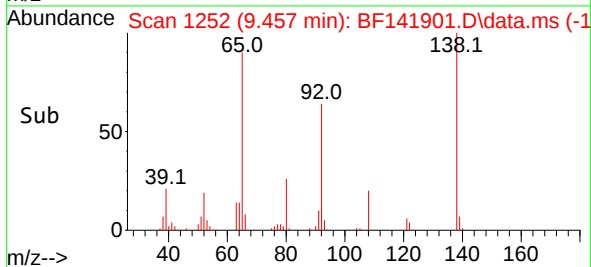
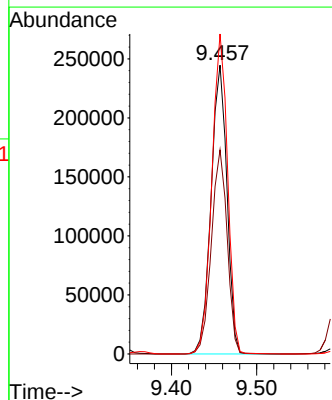
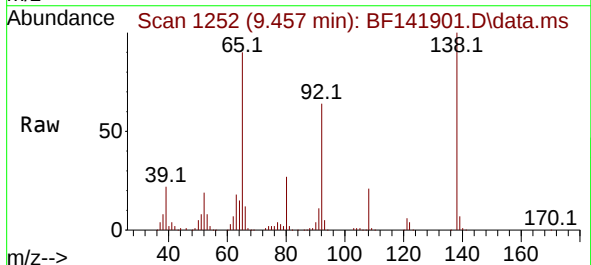
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

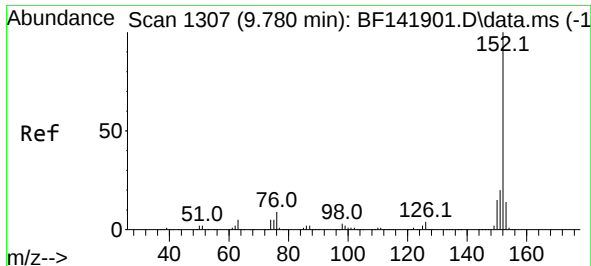
Tgt Ion:162 Resp: 1077099
Ion Ratio Lower Upper
162 100
127 44.4 35.5 53.3
164 33.3 26.6 40.0



#48
2-Nitroaniline
Concen: 39.690 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 65 Resp: 318068
Ion Ratio Lower Upper
65 100
92 70.7 56.6 84.8
138 110.8 88.6 133.0





#49

Acenaphthylene

Concen: 39.029 ng

RT: 9.780 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

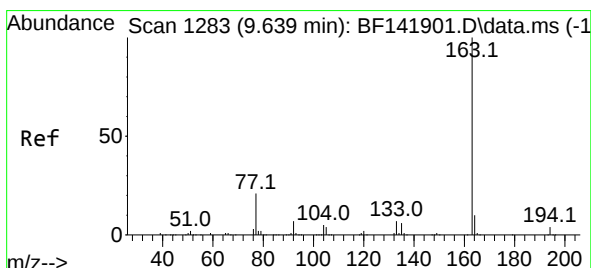
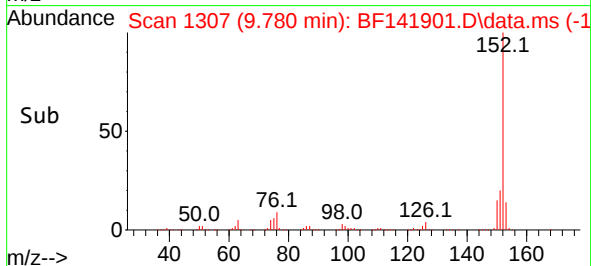
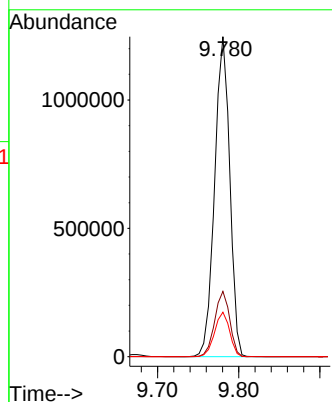
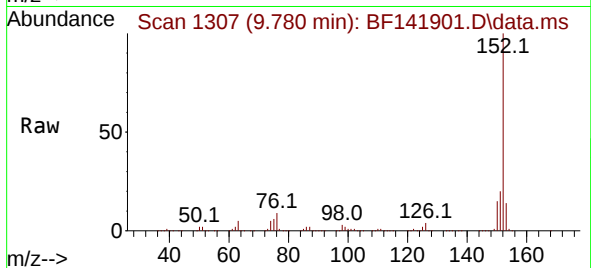
Tgt Ion:152 Resp: 1614250

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.9 11.1 16.7



#50

Dimethylphthalate

Concen: 38.270 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

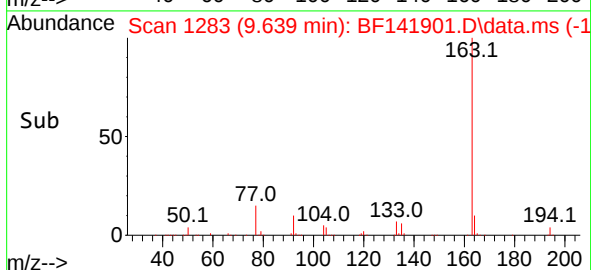
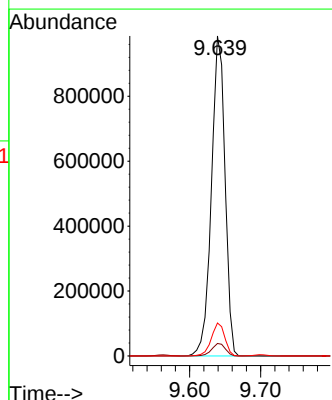
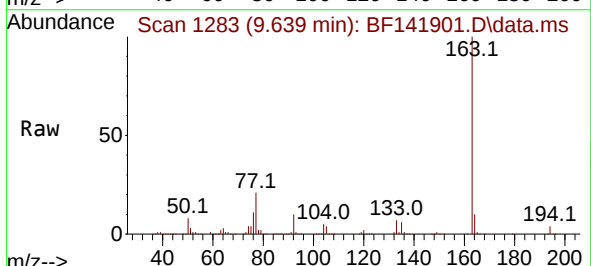
Tgt Ion:163 Resp: 1312856

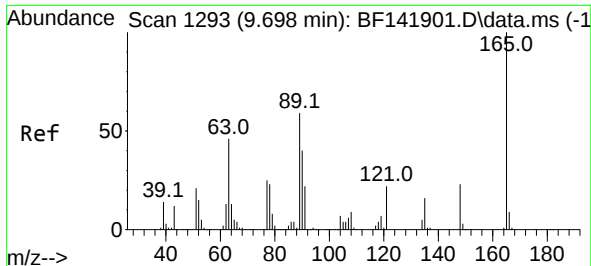
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.3 8.2 12.4

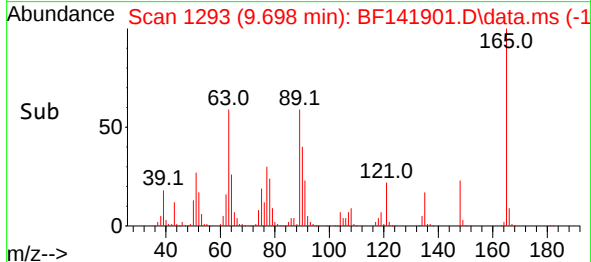
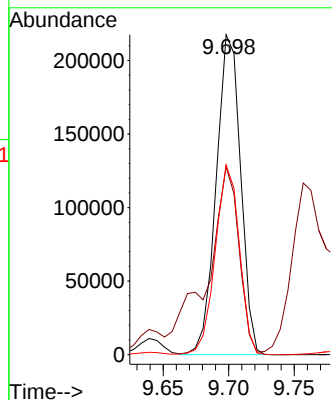
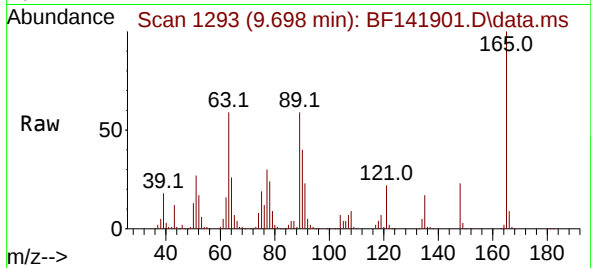




#51
2,6-Dinitrotoluene
Concen: 39.486 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

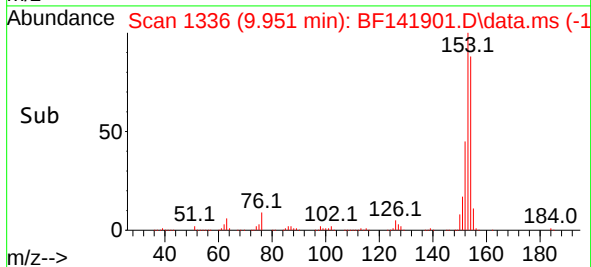
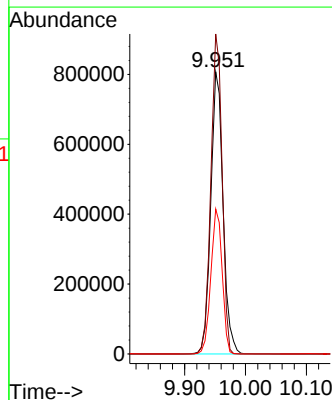
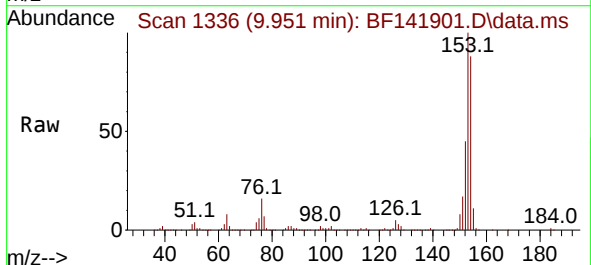
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

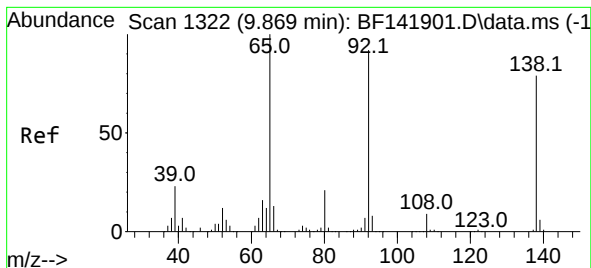
Tgt Ion:165 Resp: 281695
Ion Ratio Lower Upper
165 100
63 58.7 47.0 70.4
89 59.3 47.4 71.2



#52
Acenaphthene
Concen: 38.764 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:154 Resp: 1132087
Ion Ratio Lower Upper
154 100
153 113.4 90.7 136.1
152 51.4 41.1 61.7





#53

3-Nitroaniline

Concen: 39.481 ng

RT: 9.869 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

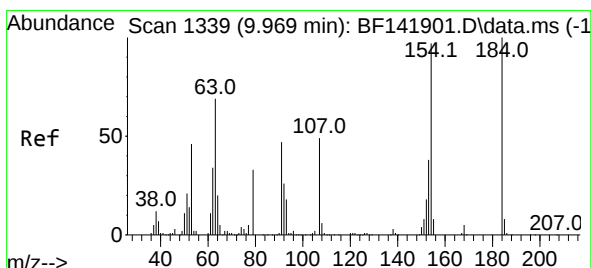
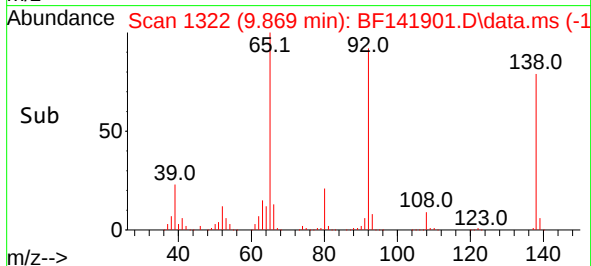
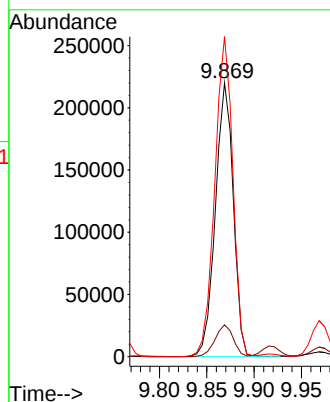
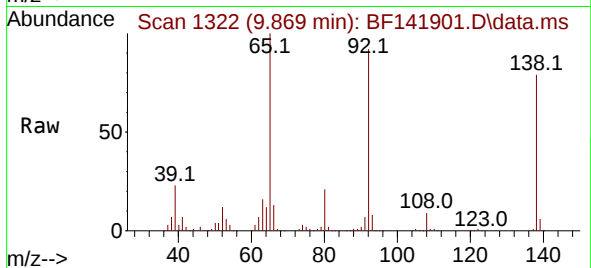
Tgt Ion:138 Resp: 289208

Ion Ratio Lower Upper

138 100

108 11.6 9.3 13.9

92 116.9 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 38.116 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

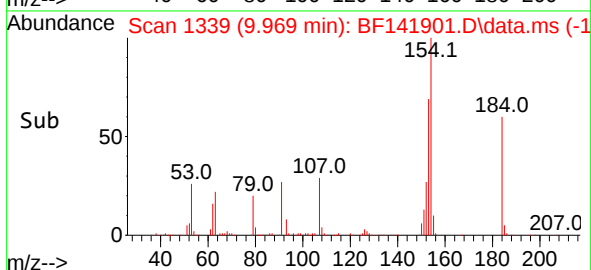
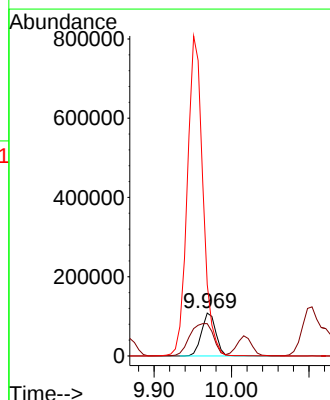
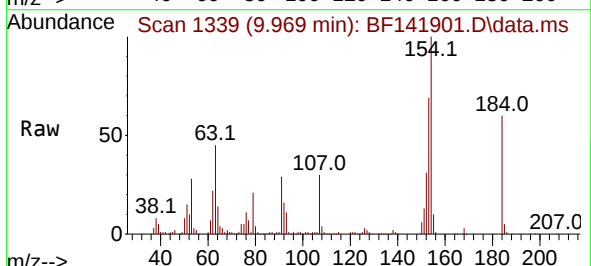
Tgt Ion:184 Resp: 140024

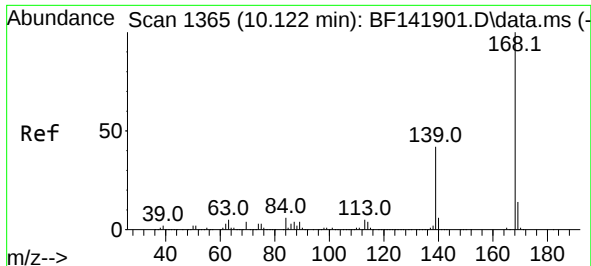
Ion Ratio Lower Upper

184 100

63 75.3 60.2 90.4

154 166.1 132.9 199.3

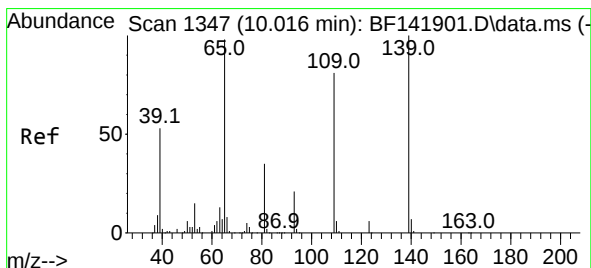
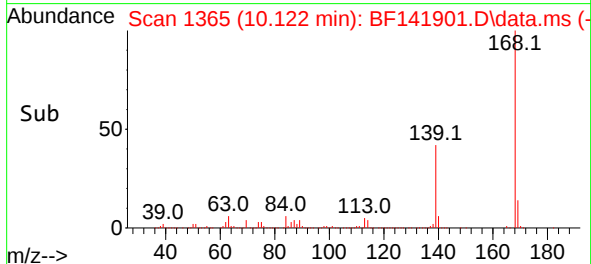
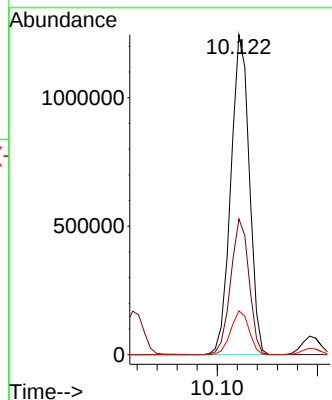
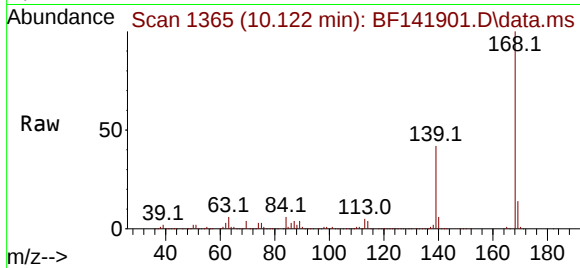




#55
Dibenzenofuran
Concen: 38.266 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

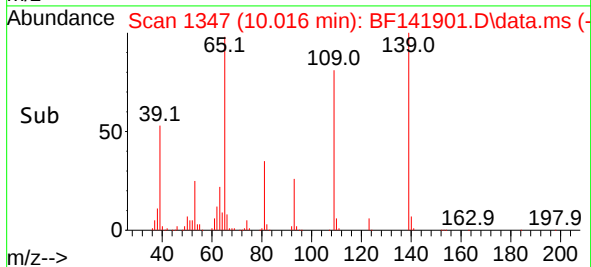
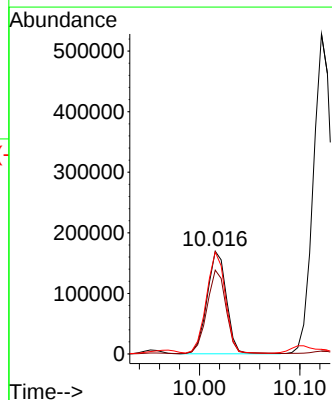
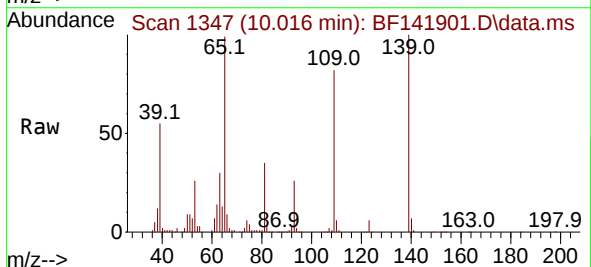
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

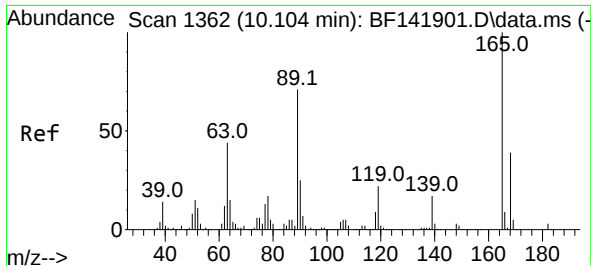
Tgt Ion:168 Resp: 1593454
Ion Ratio Lower Upper
168 100
139 42.4 33.9 50.9
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 41.266 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:139 Resp: 227070
Ion Ratio Lower Upper
139 100
109 81.6 61.6 101.6
65 99.4 79.4 119.4

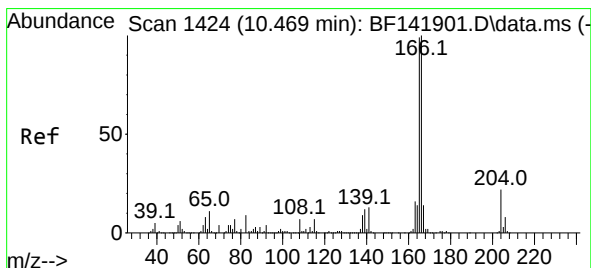
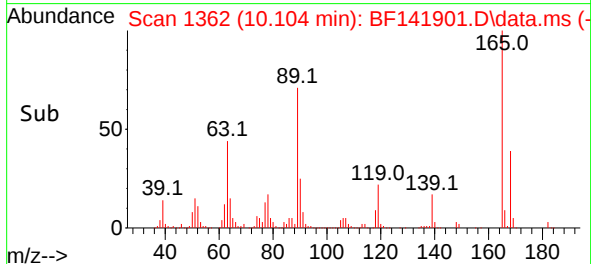
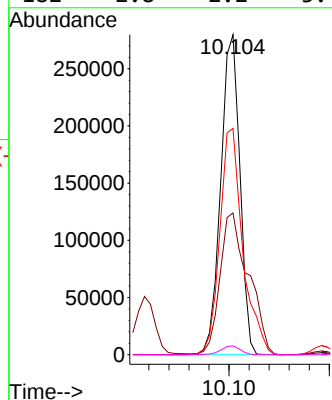
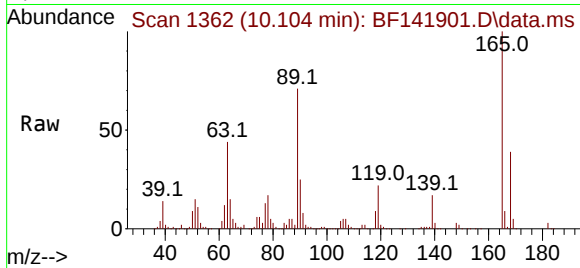




#57
2,4-Dinitrotoluene
Concen: 39.437 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

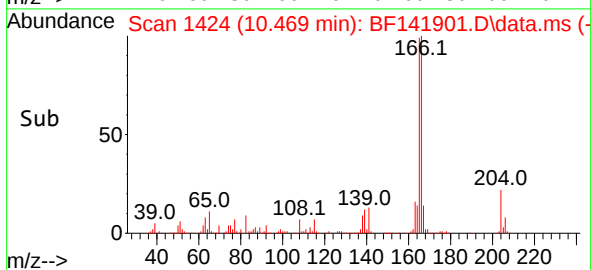
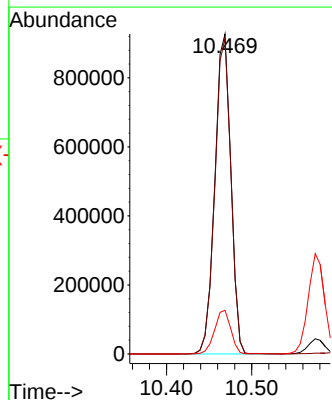
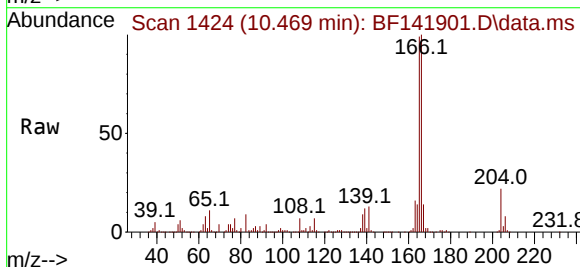
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 370337
Ion Ratio Lower Upper
165 100
63 44.3 35.4 53.2
89 70.7 56.6 84.8
182 2.8 2.2 3.4



#58
Fluorene
Concen: 37.742 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:166 Resp: 1213316
Ion Ratio Lower Upper
166 100
165 98.7 79.0 118.4
167 13.7 11.0 16.4

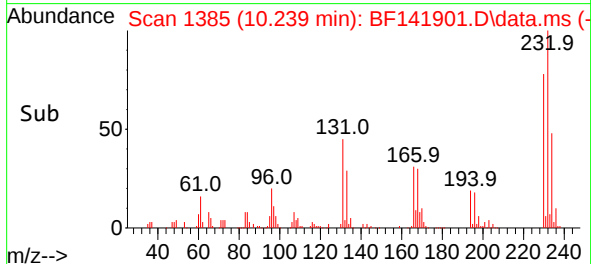
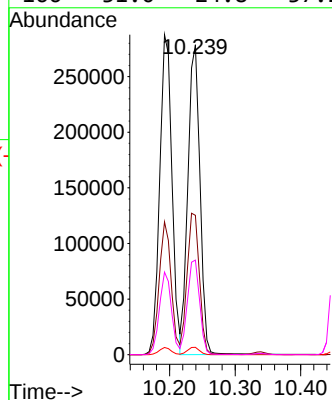
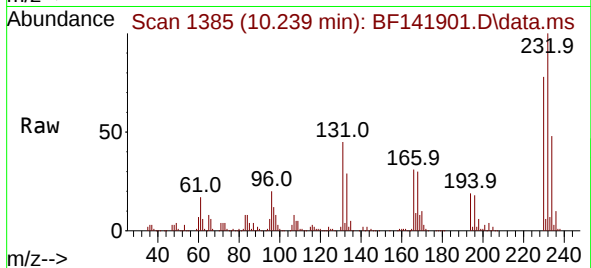




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.225 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

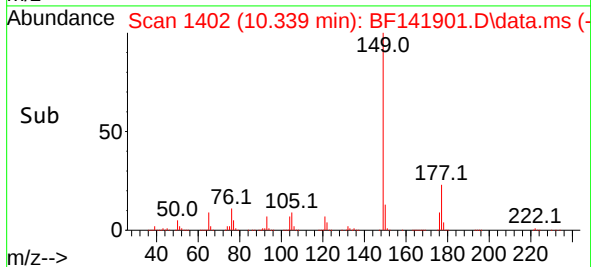
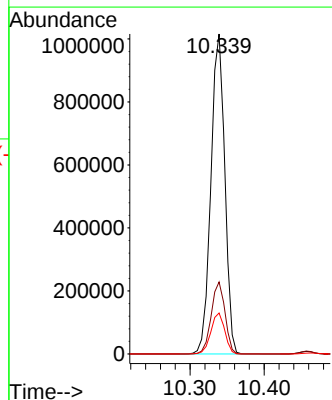
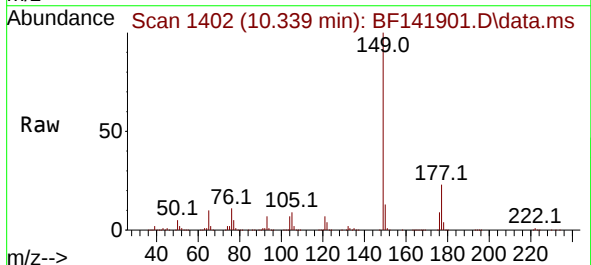
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

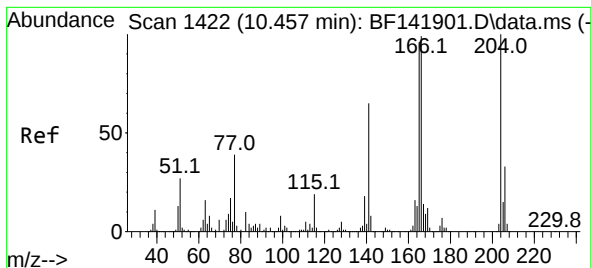
Tgt Ion:232 Resp: 354863
Ion Ratio Lower Upper
232 100
131 46.6 37.3 55.9
130 2.4 1.9 2.9
166 31.0 24.8 37.2



#60
Diethylphthalate
Concen: 38.304 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:149 Resp: 1319116
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.8 10.2 15.4

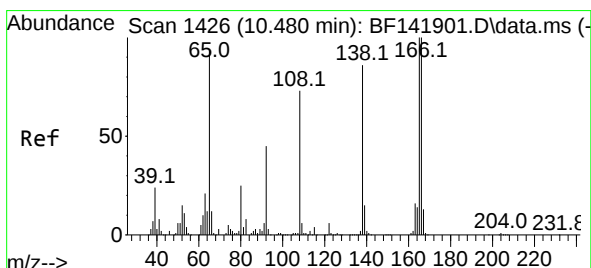
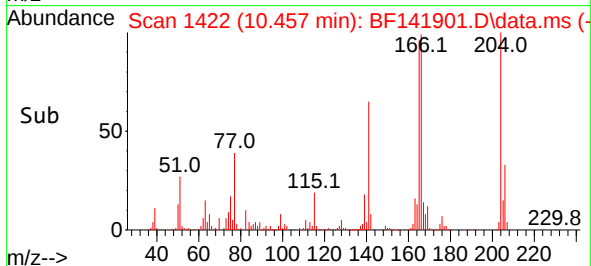
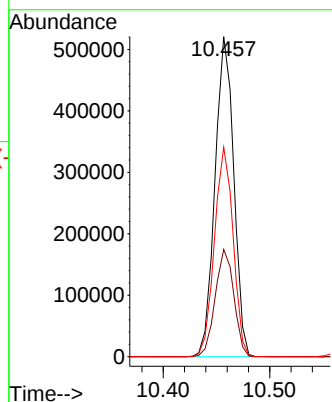
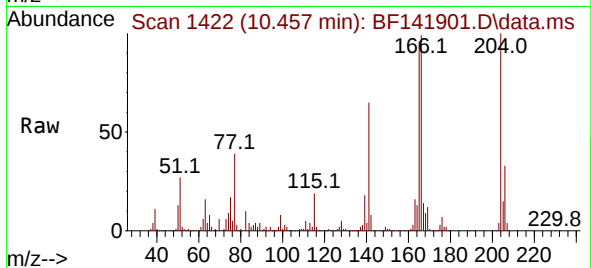




#61
4-Chlorophenyl-phenylether
Concen: 37.950 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

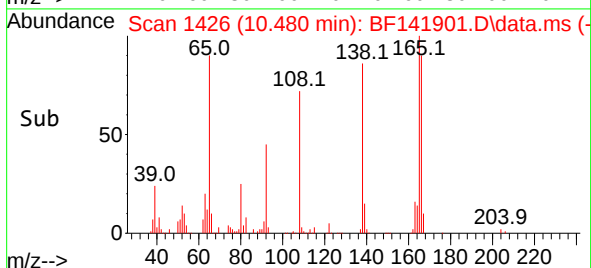
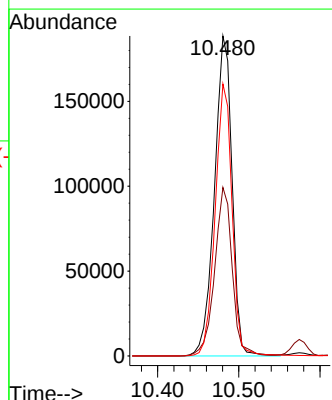
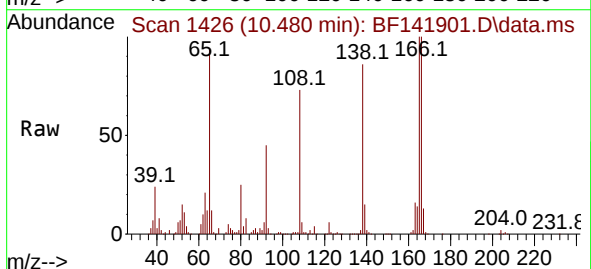
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

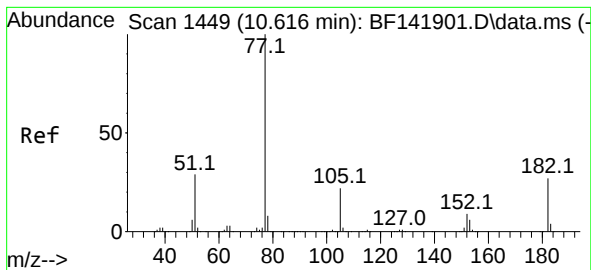
Tgt Ion:204 Resp: 635445
Ion Ratio Lower Upper
204 100
206 33.5 26.8 40.2
141 65.5 52.4 78.6



#62
4-Nitroaniline
Concen: 40.097 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:138 Resp: 284615
Ion Ratio Lower Upper
138 100
92 52.6 32.6 72.6
108 85.0 65.0 105.0



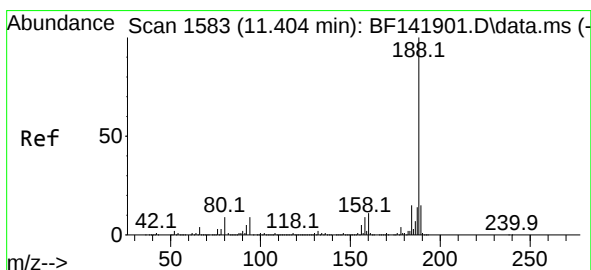
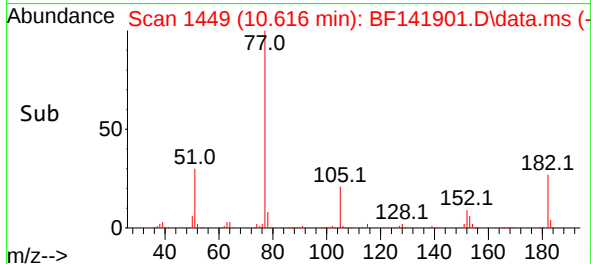
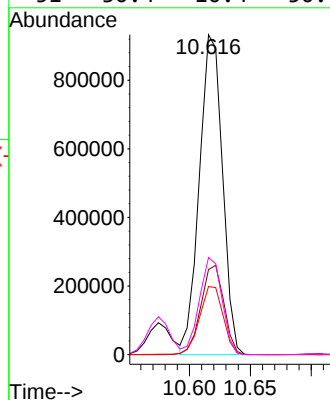
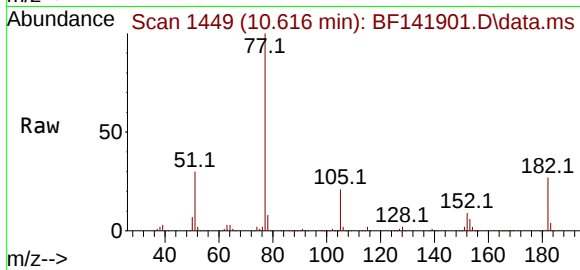


#63
Azobenzene
Concen: 38.432 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 1229473

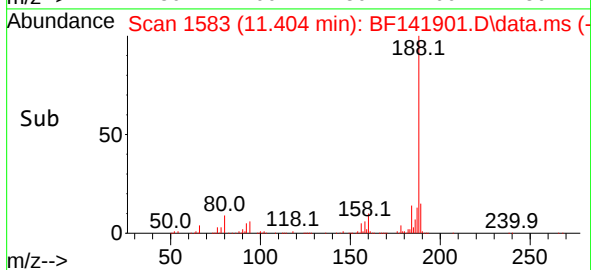
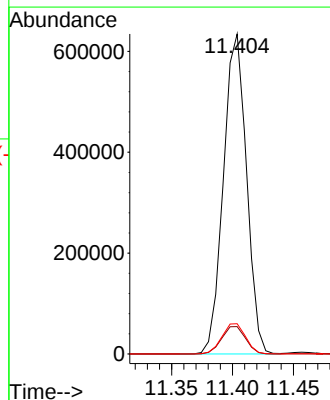
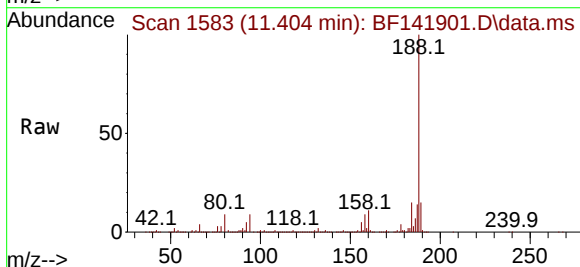
Ion	Ratio	Lower	Upper
77	100		
182	26.6	6.6	46.6
105	21.3	1.3	41.3
51	30.4	10.4	50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 188 Resp: 839154

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	9.5	7.6	11.4

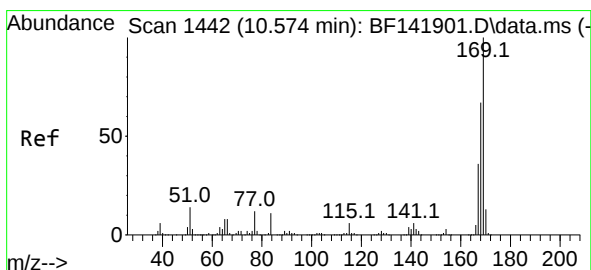
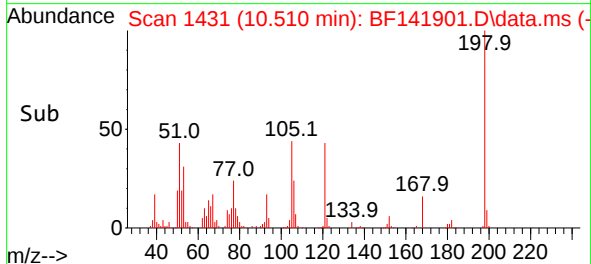
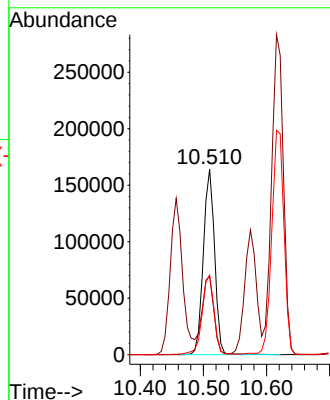
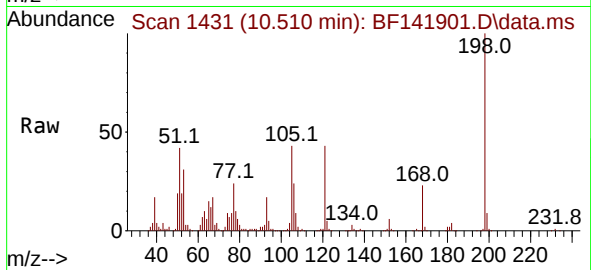




#65
4,6-Dinitro-2-methylphenol
Concen: 40.827 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

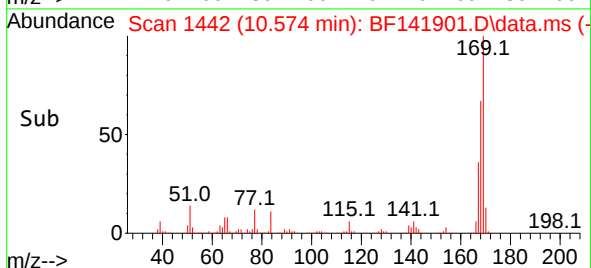
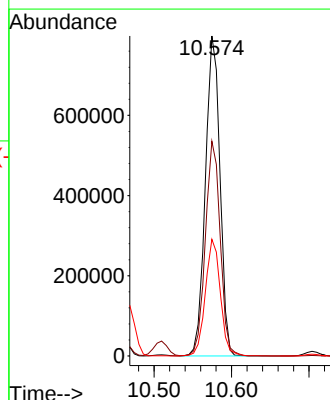
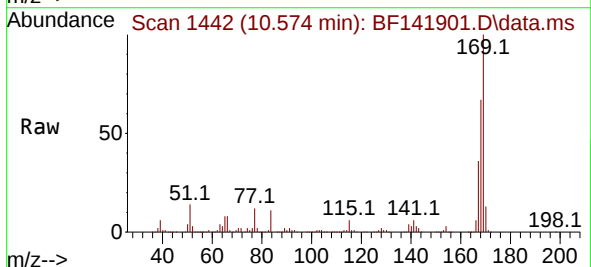
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

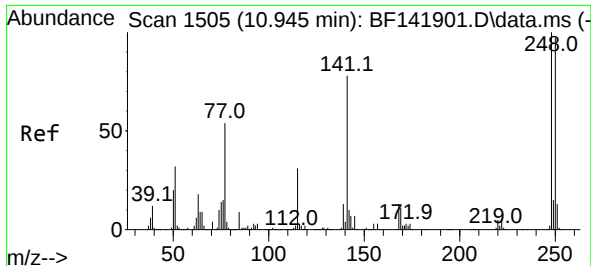
Tgt Ion:198 Resp: 203106
Ion Ratio Lower Upper
198 100
51 42.3 22.3 62.3
105 43.0 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 38.415 ng
RT: 10.574 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:169 Resp: 1041349
Ion Ratio Lower Upper
169 100
168 67.1 53.7 80.5
167 36.5 29.2 43.8

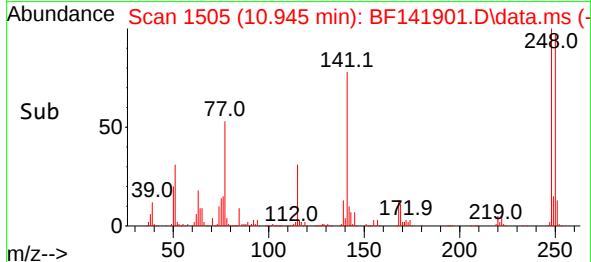
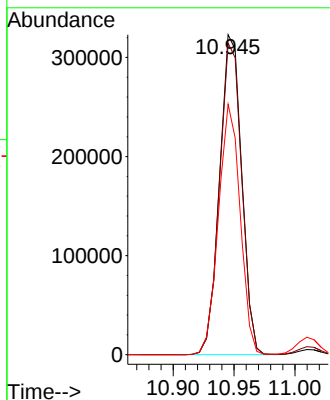
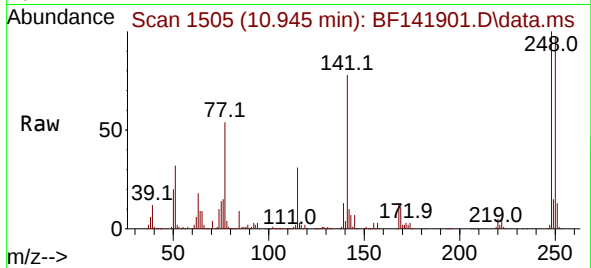




#67
4-Bromophenyl-phenylether
Concen: 39.195 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

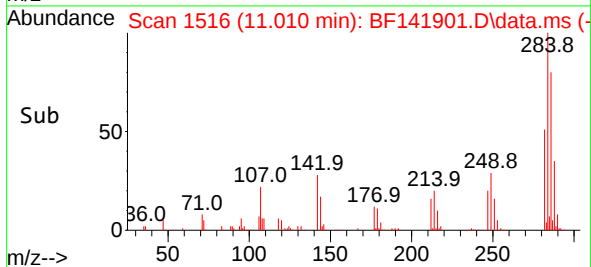
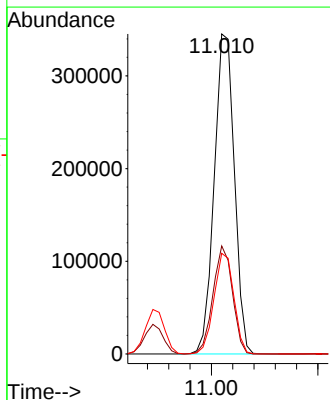
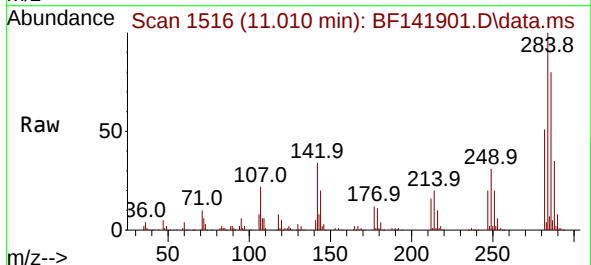
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 409602
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.8
141 78.2 62.6 93.8



#68
Hexachlorobenzene
Concen: 39.146 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:284 Resp: 452189
Ion Ratio Lower Upper
284 100
142 33.8 27.0 40.6
249 31.5 25.2 37.8





#69

Atrazine

Concen: 41.614 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

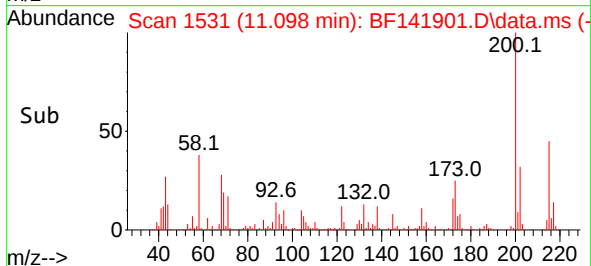
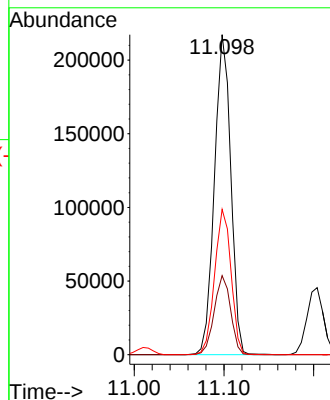
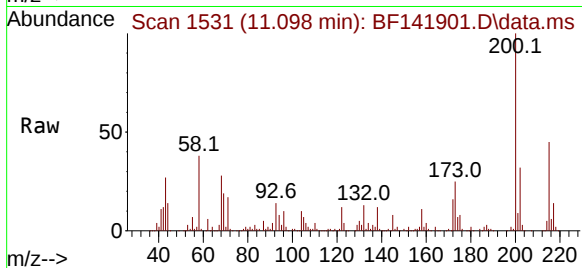
Tgt Ion:200 Resp: 275084

Ion Ratio Lower Upper

200 100

173 24.7 4.7 44.7

215 45.4 25.4 65.4



#70

Pentachlorophenol

Concen: 41.818 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

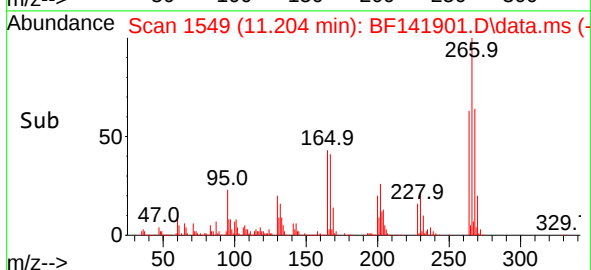
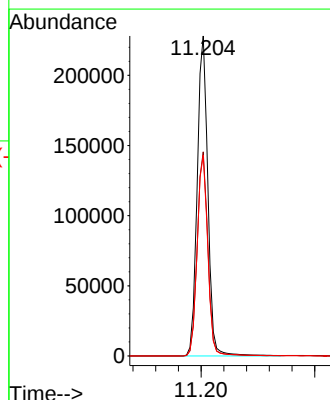
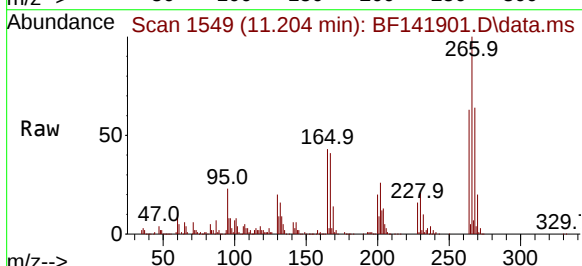
Tgt Ion:266 Resp: 297893

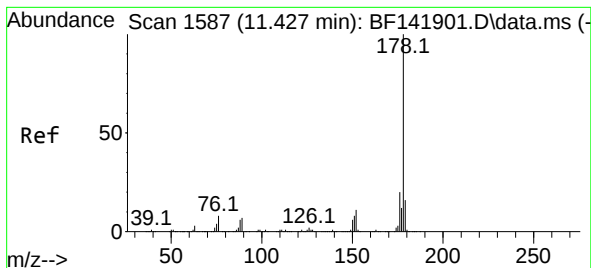
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.6

264 62.7 50.2 75.2





#71

Phenanthrene

Concen: 38.373 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

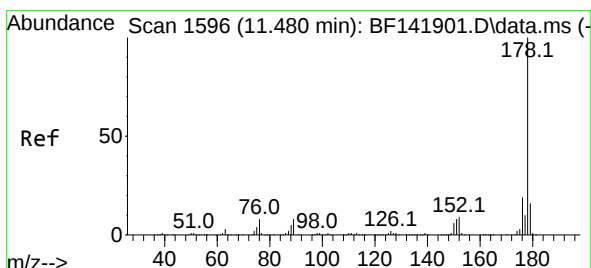
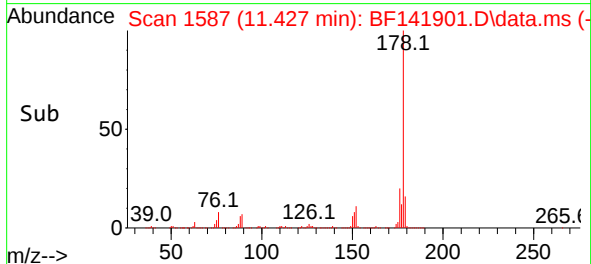
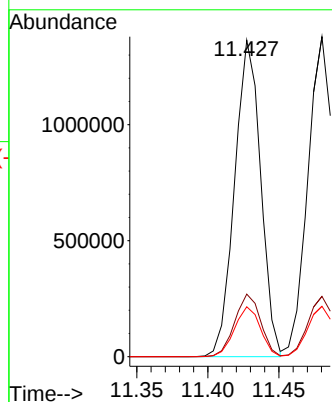
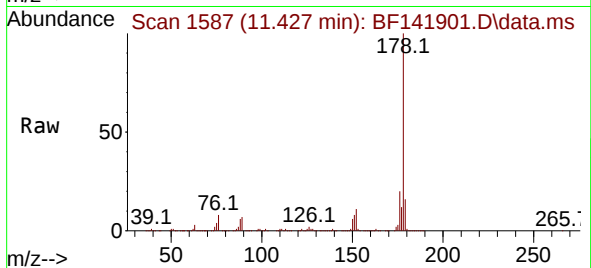
Tgt Ion:178 Resp: 1741309

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

179 15.8 12.6 19.0



#72

Anthracene

Concen: 38.571 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

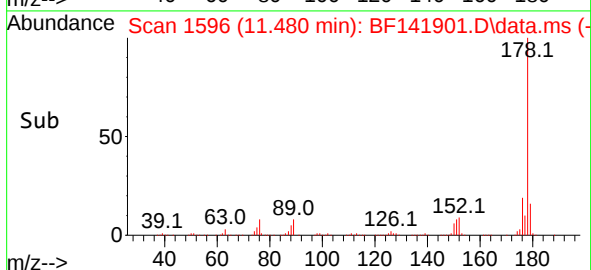
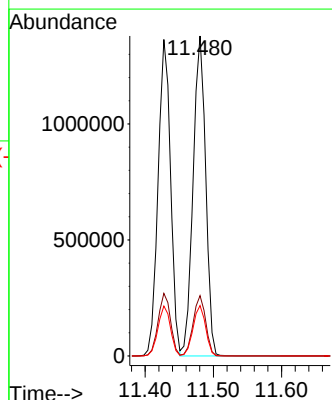
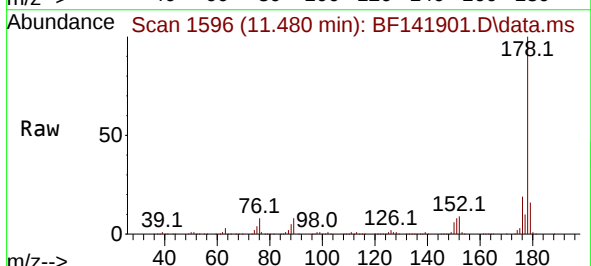
Tgt Ion:178 Resp: 1756035

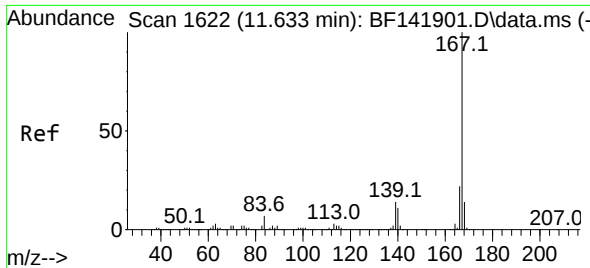
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.8 12.6 19.0

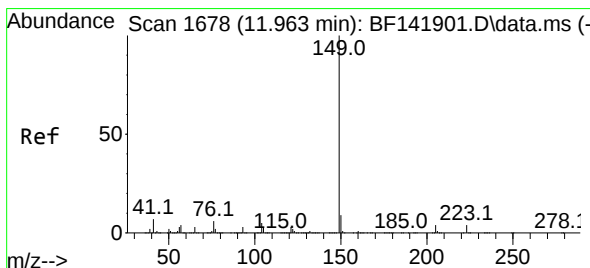
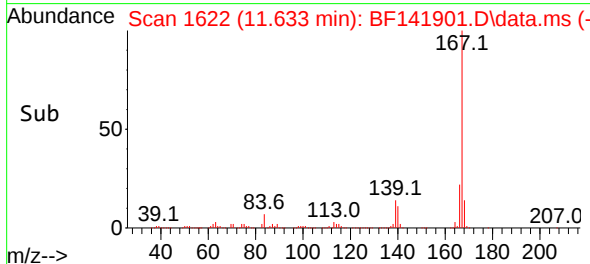
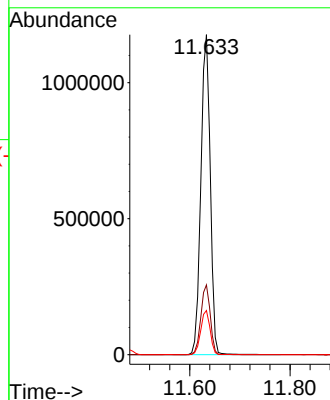
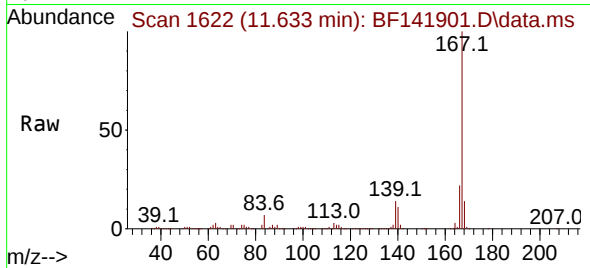




#73
 Carbazole
 Concen: 38.898 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF141901.D
 Acq: 10 Mar 2025 12:58

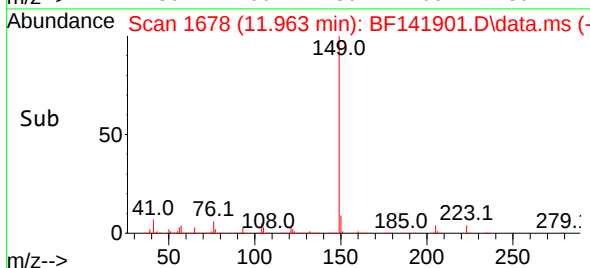
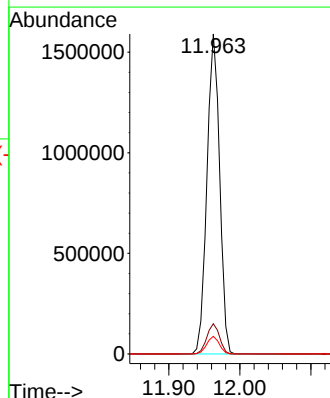
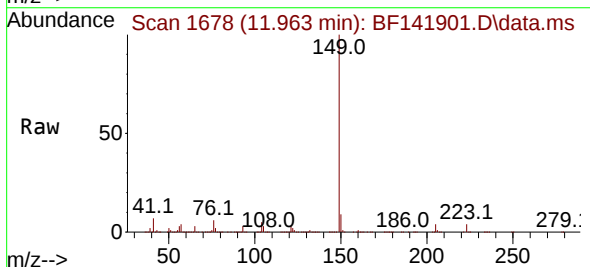
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

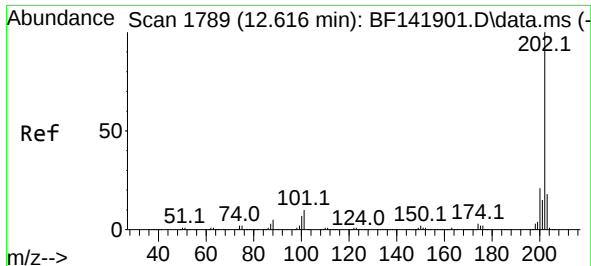
Tgt Ion:167 Resp: 1524663
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 13.8 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 38.175 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF141901.D
 Acq: 10 Mar 2025 12:58

Tgt Ion:149 Resp: 1975625
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 5.5 4.4 6.6

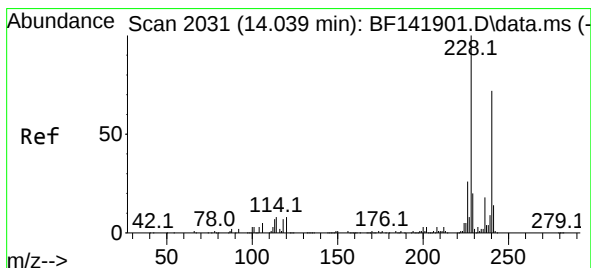
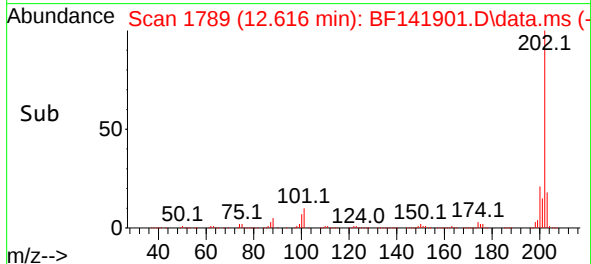
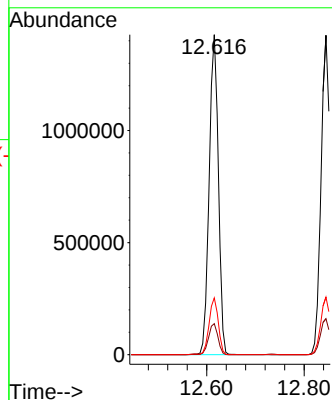
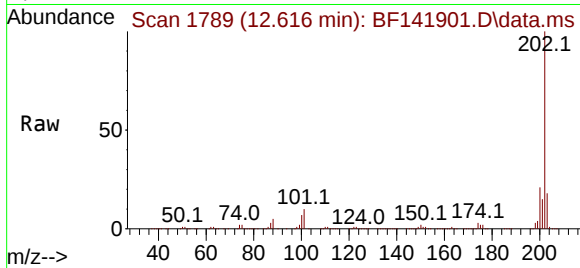




#75
Fluoranthene
Concen: 39.049 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

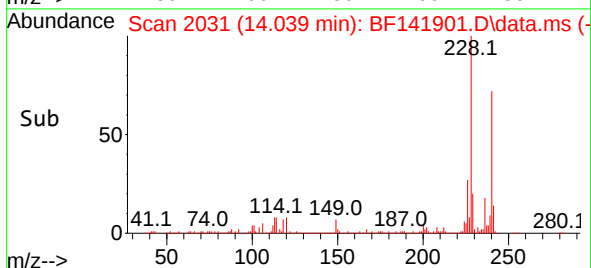
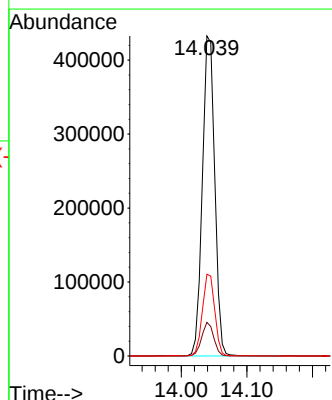
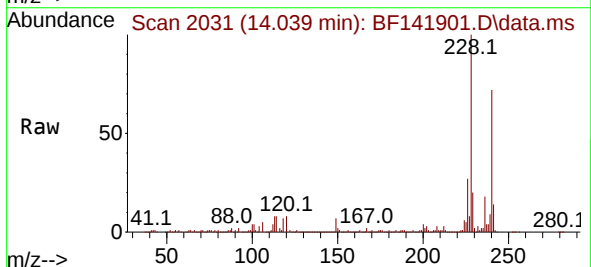
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

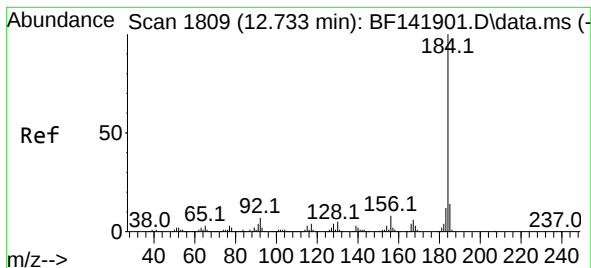
Tgt Ion:202 Resp: 1860202
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.7
203 17.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:240 Resp: 569865
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 25.6 20.5 30.7





#77

Benzidine

Concen: 50.915 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

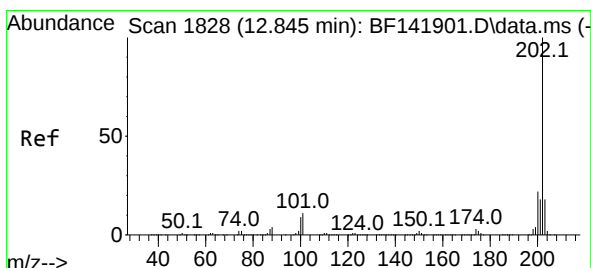
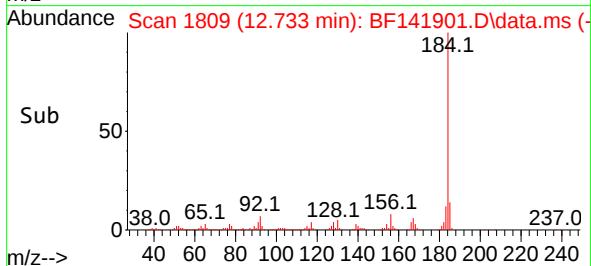
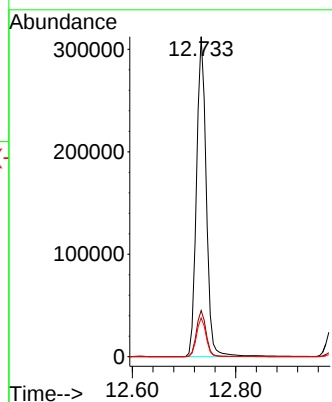
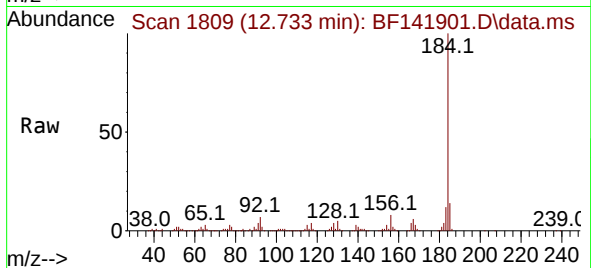
Tgt Ion:184 Resp: 410026

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

183 12.1 9.7 14.5



#78

Pyrene

Concen: 37.567 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

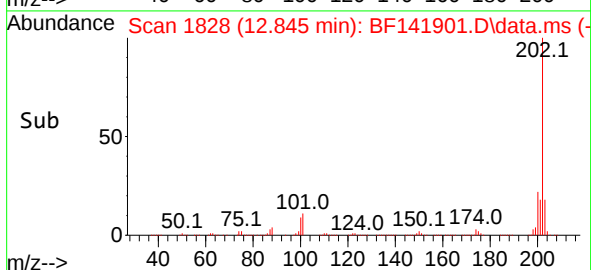
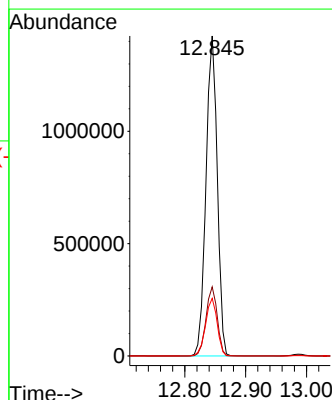
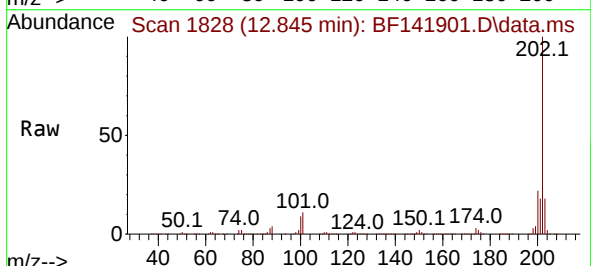
Tgt Ion:202 Resp: 1835917

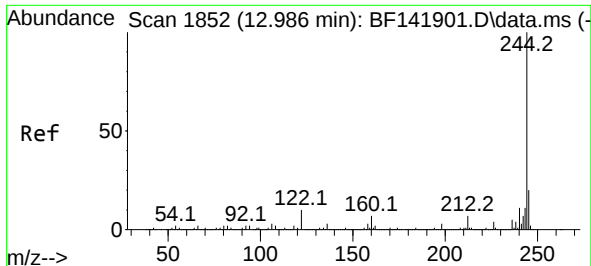
Ion Ratio Lower Upper

202 100

200 21.6 17.3 25.9

203 18.0 14.4 21.6

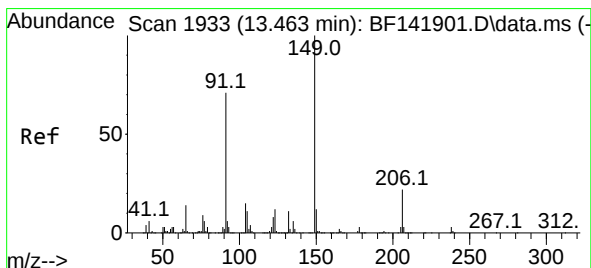
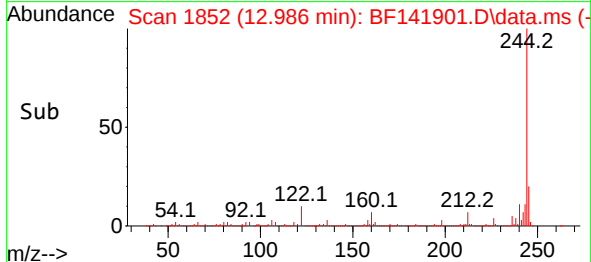
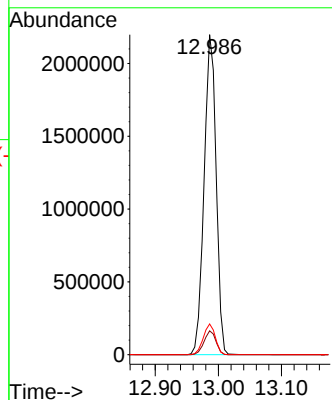
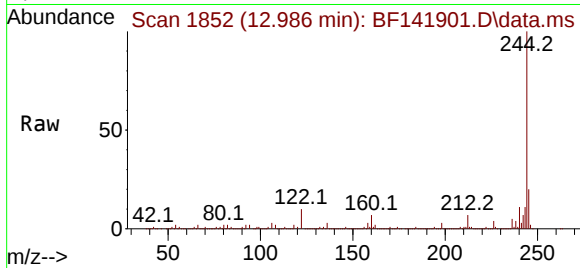




#79
 Terphenyl-d14
 Concen: 75.440 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF141901.D
 Acq: 10 Mar 2025 12:58

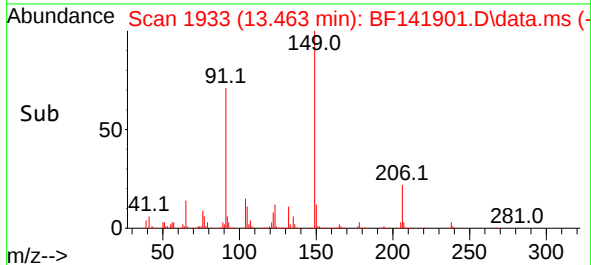
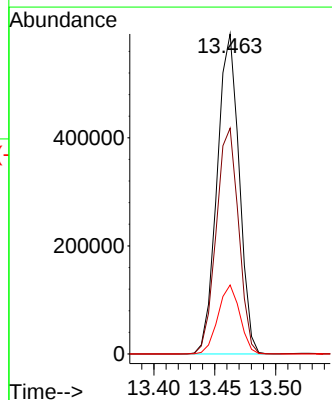
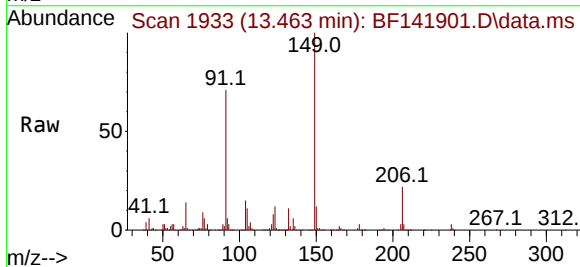
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

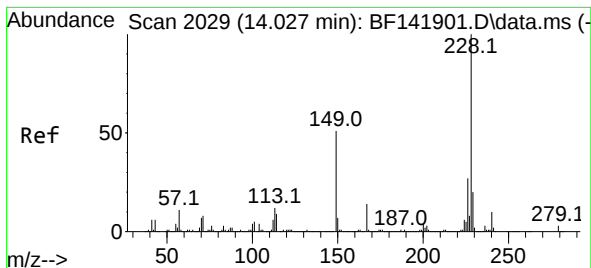
Tgt Ion:244 Resp: 2908357
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 9.6 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 38.769 ng
 RT: 13.463 min Scan# 1933
 Delta R.T. 0.000 min
 Lab File: BF141901.D
 Acq: 10 Mar 2025 12:58

Tgt Ion:149 Resp: 746613
 Ion Ratio Lower Upper
 149 100
 91 70.6 56.5 84.7
 206 21.6 17.3 25.9





#81

Benzo(a)anthracene

Concen: 38.713 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

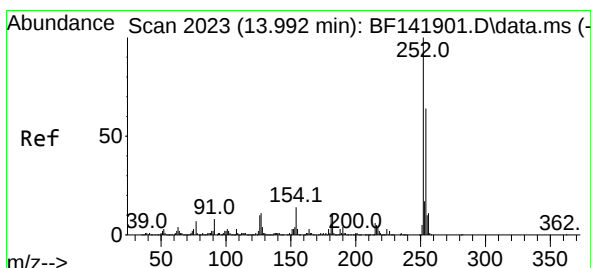
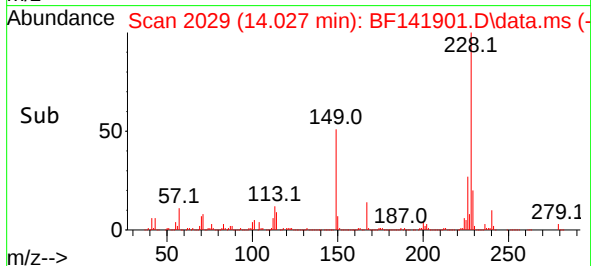
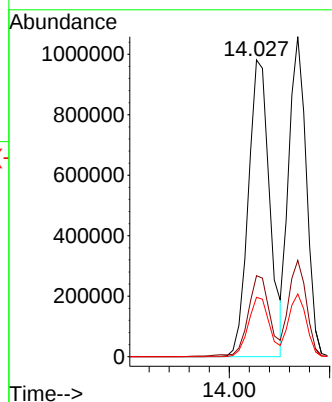
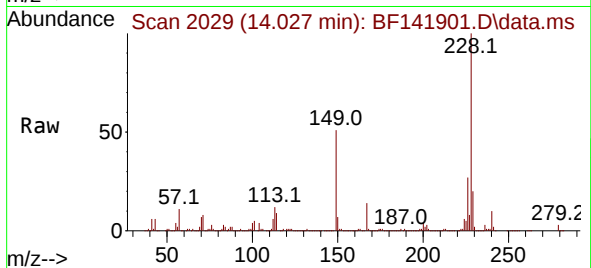
Tgt Ion:228 Resp: 1451332

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 20.0 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 39.114 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

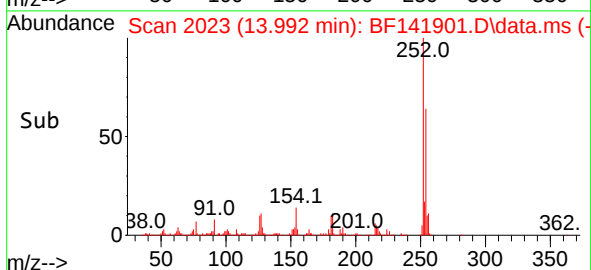
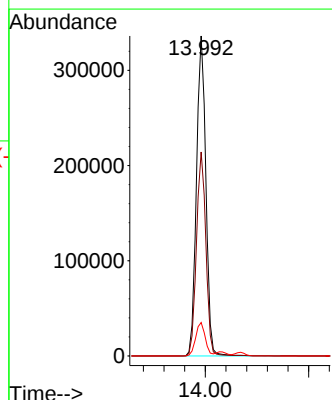
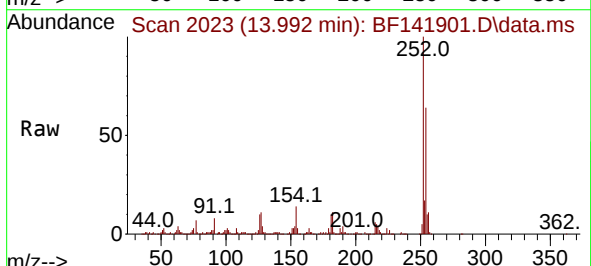
Tgt Ion:252 Resp: 423835

Ion Ratio Lower Upper

252 100

254 63.8 51.0 76.6

126 10.5 8.4 12.6





#83

Chrysene

Concen: 38.439 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

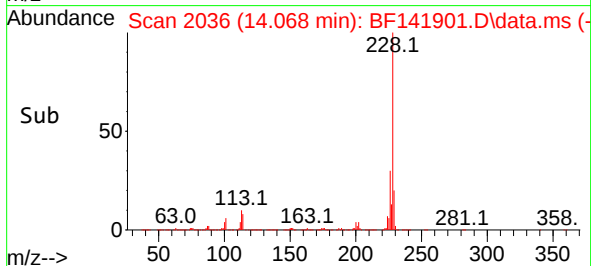
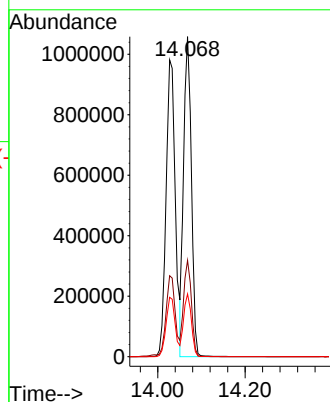
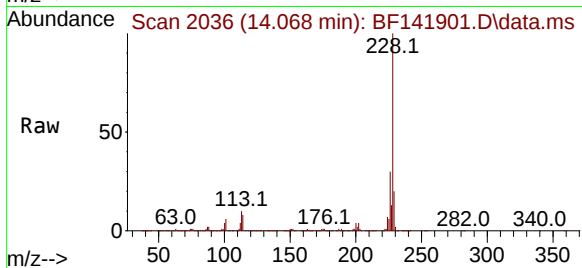
Tgt Ion:228 Resp: 1294538

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.985 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

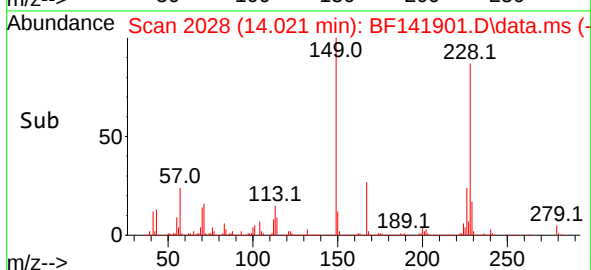
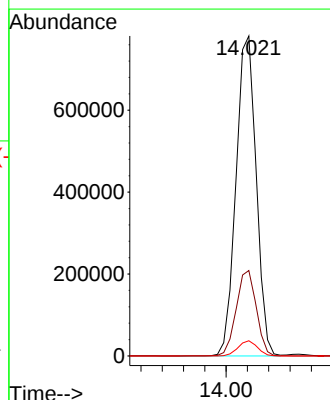
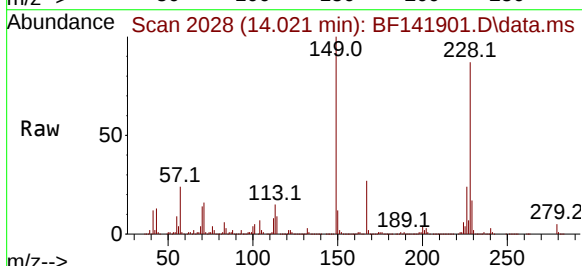
Tgt Ion:149 Resp: 1029987

Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 39.193 ng

RT: 14.633 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

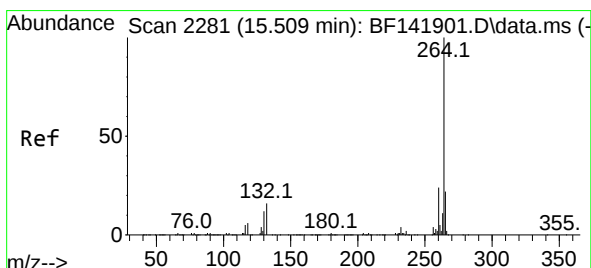
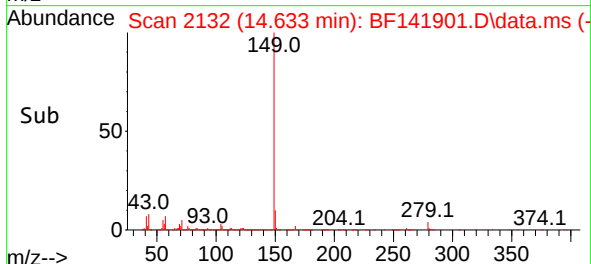
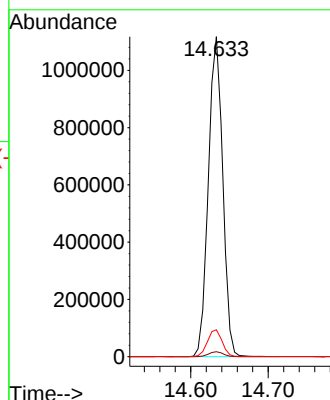
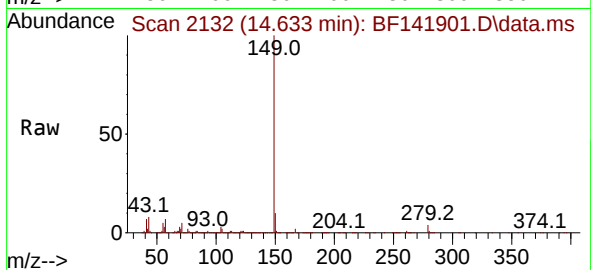
Tgt Ion:149 Resp: 1441248

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.6 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

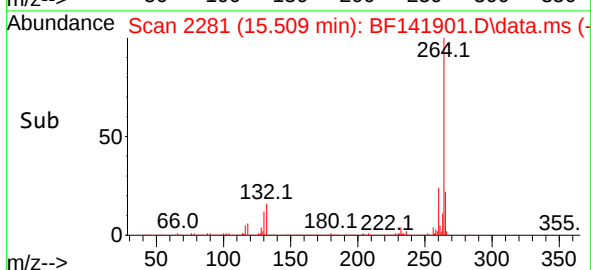
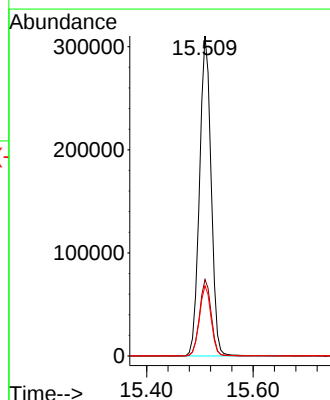
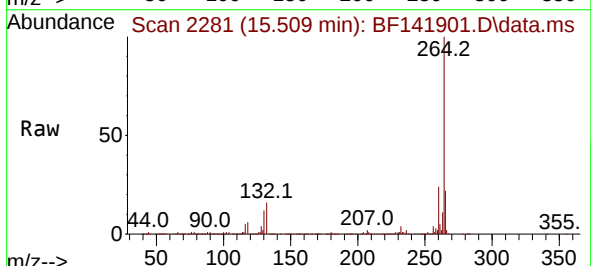
Tgt Ion:264 Resp: 469286

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.681 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

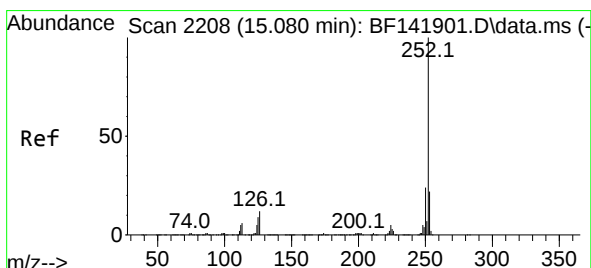
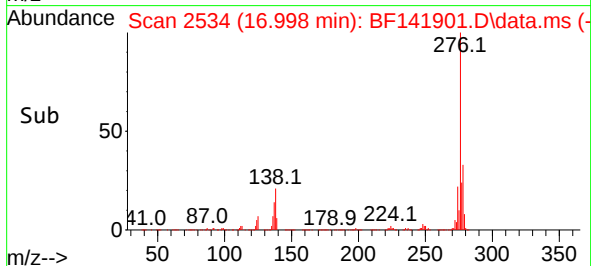
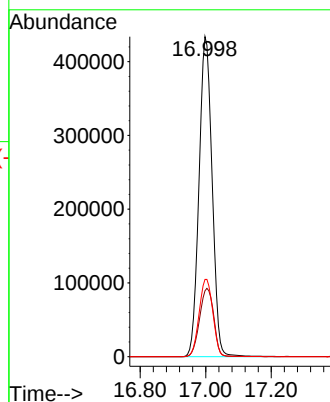
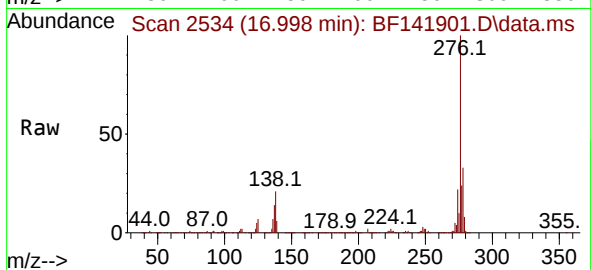
Tgt Ion:276 Resp: 1207616

Ion Ratio Lower Upper

276 100

138 23.0 18.4 27.6

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 35.673 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

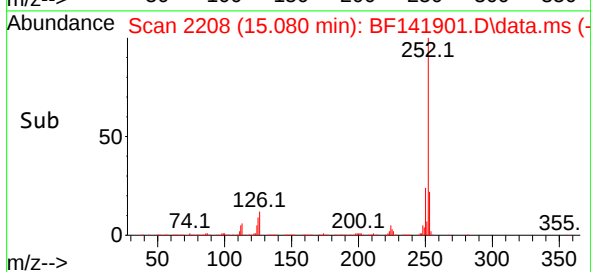
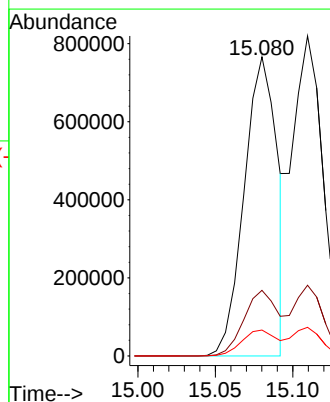
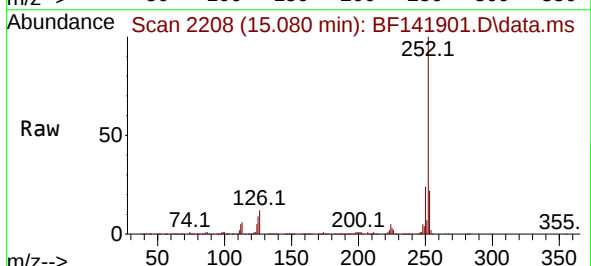
Tgt Ion:252 Resp: 1135547

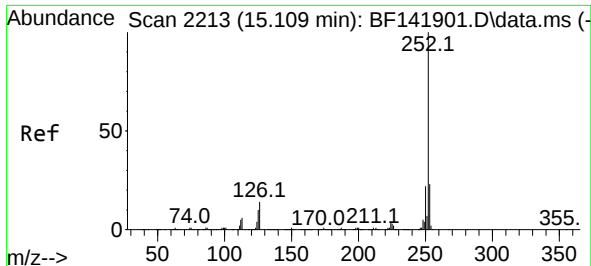
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.7 7.0 10.4

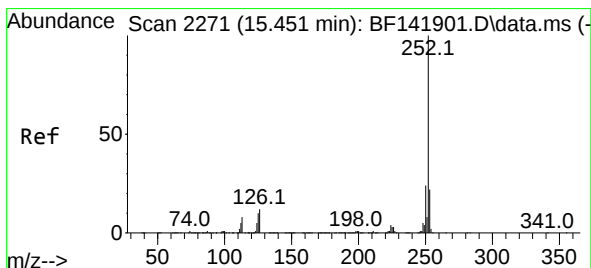
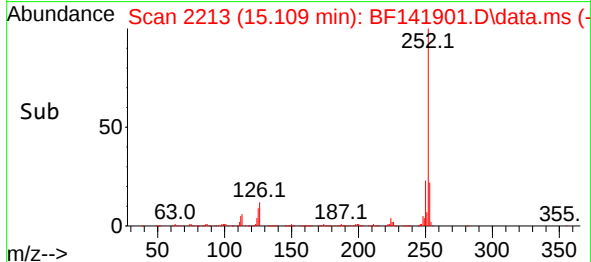
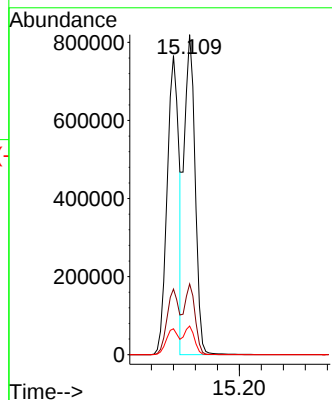
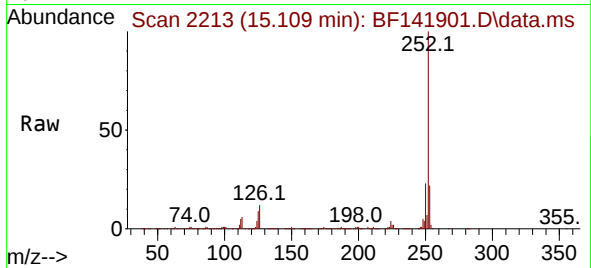




#89
Benzo(k)fluoranthene
Concen: 40.661 ng
RT: 15.109 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

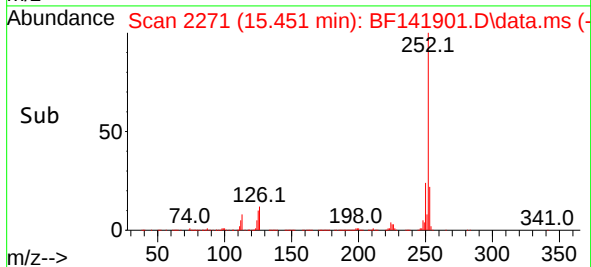
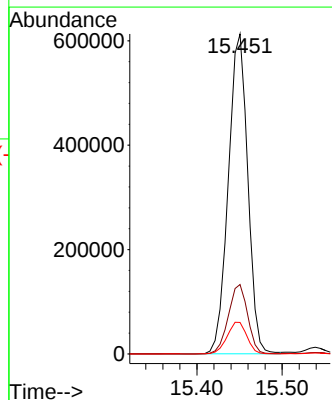
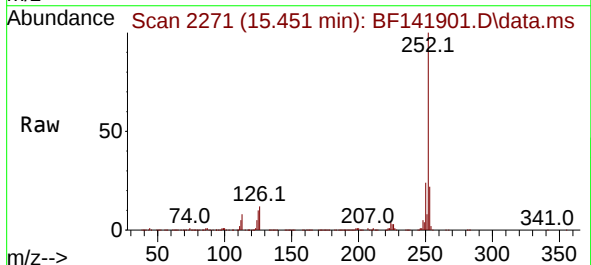
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 1130615
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.0 7.2 10.8



#90
Benzo(a)pyrene
Concen: 38.727 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:252 Resp: 972220
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.8 7.8 11.8

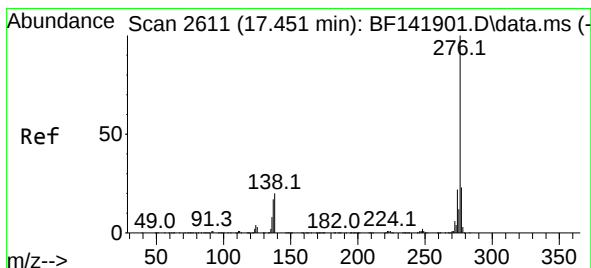
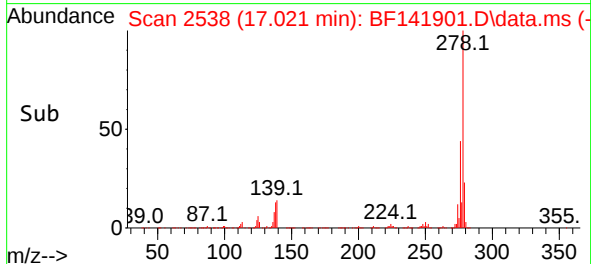
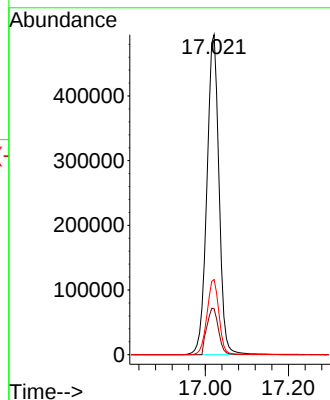
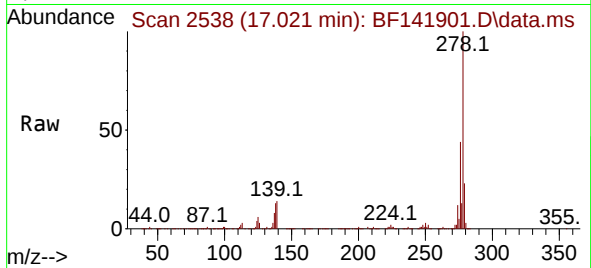




#91
 Dibenzo(a,h)anthracene
 Concen: 39.933 ng
 RT: 17.021 min Scan# 2538
 Delta R.T. 0.000 min
 Lab File: BF141901.D
 Acq: 10 Mar 2025 12:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion:278 Resp: 1002747
 Ion Ratio Lower Upper
 278 100
 139 14.3 11.4 17.2
 279 23.5 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 40.149 ng
 RT: 17.451 min Scan# 2611
 Delta R.T. 0.000 min
 Lab File: BF141901.D
 Acq: 10 Mar 2025 12:58

Tgt Ion:276 Resp: 999947
 Ion Ratio Lower Upper
 276 100
 277 23.4 18.7 28.1
 138 19.8 15.8 23.8

