

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
 Data File : BF141964.D
 Acq On : 14 Mar 2025 14:39
 Operator : RC/JU
 Sample : Q1566-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CTWK-COMPMSD

Quant Time: Mar 14 15:06:06 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	136717	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	524005	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	269906	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	380040	20.000	ng	0.00
76) Chrysene-d12	14.039	240	315934	20.000	ng	0.00
86) Perylene-d12	15.510	264	355035	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	916207	111.845	ng	0.00
7) Phenol-d6	6.504	99	1151253	110.380	ng	0.00
23) Nitrobenzene-d5	7.440	82	762778	81.919	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	359952	105.123	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1522109	85.765	ng	0.00
79) Terphenyl-d14	12.980	244	1321456	61.839	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	177939	51.842	ng	98
3) Pyridine	3.481	79	394995	46.915	ng	99
4) n-Nitrosodimethylamine	3.428	42	189956	47.330	ng	96
6) Aniline	6.546	93	161254	15.672	ng	100
8) 2-Chlorophenol	6.663	128	447464	49.252	ng	98
9) Benzaldehyde	6.428	77	130669	22.401	ng	99
10) Phenol	6.516	94	522282	47.599	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	395430	47.994	ng	97
12) 1,3-Dichlorobenzene	6.822	146	482417	49.183	ng	98
13) 1,4-Dichlorobenzene	6.898	146	487832	49.156	ng	98
14) 1,2-Dichlorobenzene	7.045	146	465772	49.828	ng	99
15) Benzyl Alcohol	7.016	79	390320	46.290	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	453263	45.568	ng	99
17) 2-Methylphenol	7.128	107	349103	48.327	ng	99
18) Hexachloroethane	7.393	117	180696	48.555	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	298299	44.510	ng	98
20) 3+4-Methylphenols	7.275	107	440906	47.652	ng	95
22) Acetophenone	7.287	105	664492	52.953	ng	99
24) Nitrobenzene	7.457	77	458371	49.518	ng	100
25) Isophorone	7.698	82	803425	48.813	ng	99
26) 2-Nitrophenol	7.775	139	238131	52.415	ng	99
27) 2,4-Dimethylphenol	7.804	122	372872	59.605	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	488238	47.294	ng	99
29) 2,4-Dichlorophenol	8.016	162	367768	47.363	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	413183	48.286	ng	99
31) Naphthalene	8.181	128	1272368	47.270	ng	100
32) Benzoic acid	7.922	122	283433	51.543	ng	99
33) 4-Chloroaniline	8.234	127	96538	10.160	ng	98
34) Hexachlorobutadiene	8.298	225	277726	49.767	ng	99
35) Caprolactam	8.587	113	96768	40.877	ng	93
36) 4-Chloro-3-methylphenol	8.704	107	385216	44.473	ng	98
37) 2-Methylnaphthalene	8.869	142	805524	44.772	ng	100
38) 1-Methylnaphthalene	8.969	142	787760	45.373	ng	99
40) 1,2,4,5-Tetrachloroben...	9.040	216	469940	57.187	ng	99
41) Hexachlorocyclopentadiene	9.028	237	567632	176.502	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	264068	49.170	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	274906	50.541	ng	99
46) 1,1'-Biphenyl	9.334	154	1145370	55.850	ng	100
47) 2-Chloronaphthalene	9.357	162	778803	50.951	ng	99
48) 2-Nitroaniline	9.451	65	216684	48.959	ng	99
49) Acenaphthylene	9.775	152	1193971	52.637	ng	100
50) Dimethylphthalate	9.634	163	908032	48.042	ng	100
51) 2,6-Dinitrotoluene	9.692	165	191633	48.695	ng	97
52) Acenaphthene	9.945	154	851814	53.437	ng	100
53) 3-Nitroaniline	9.863	138	125238	31.373	ng	98
54) 2,4-Dinitrophenol	9.969	184	206913	91.509	ng	# 49
55) Dibenzofuran	10.122	168	1039143	45.622	ng	98
56) 4-Nitrophenol	10.016	139	282066	93.698	ng	99
57) 2,4-Dinitrotoluene	10.098	165	249543	48.550	ng	96
58) Fluorene	10.463	166	805800	45.875	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	223608	45.178	ng	99
60) Diethylphthalate	10.334	149	848552	45.024	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	422310	46.116	ng	99
62) 4-Nitroaniline	10.475	138	148983	38.335	ng	99
63) Azobenzene	10.616	77	950477	54.245	ng	87
65) 4,6-Dinitro-2-methylph...	10.504	198	127879	56.444	ng	99
66) n-Nitrosodiphenylamine	10.569	169	674701	54.861	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	253351	53.082	ng	97
68) Hexachlorobenzene	11.010	284	270731	51.718	ng	96
69) Atrazine	11.098	200	241320	64.008	ng	99
70) Pentachlorophenol	11.198	266	328593	101.881	ng	99
71) Phenanthrene	11.422	178	1067500	52.004	ng	99
72) Anthracene	11.475	178	1038919	50.447	ng	100
73) Carbazole	11.628	167	831620	46.824	ng	100
74) Di-n-butylphthalate	11.957	149	1090587	46.277	ng	99
75) Fluoranthene	12.610	202	1023702	47.014	ng	100
77) Benzidine	12.733	184	336833	76.416	ng	100
78) Pyrene	12.839	202	1089866	39.880	ng	99
80) Butylbenzylphthalate	13.457	149	420185	39.282	ng	99
81) Benzo(a)anthracene	14.027	228	1082847	52.231	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	259017	43.233	ng	99
83) Chrysene	14.063	228	987064	52.524	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	607446	41.188	ng	100
85) Di-n-octyl phthalate	14.627	149	1097447	53.480	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	989052	43.065	ng	98
88) Benzo(b)fluoranthene	15.080	252	1178249	48.423	ng	100
89) Benzo(k)fluoranthene	15.110	252	1018652	48.919	ng	99
90) Benzo(a)pyrene	15.445	252	1048803	55.086	ng	100
91) Dibenzo(a,h)anthracene	17.015	278	818183	43.178	ng	99
92) Benzo(g,h,i)perylene	17.445	276	710464	37.941	ng	99

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

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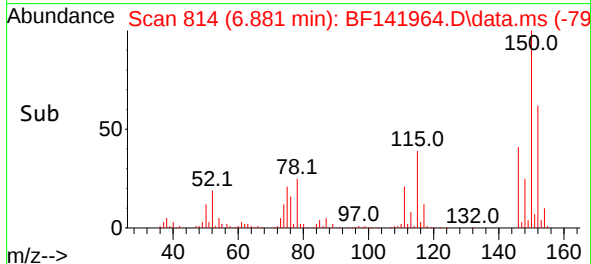
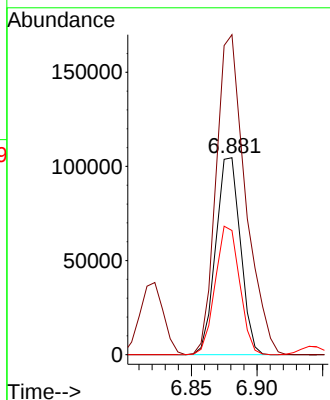
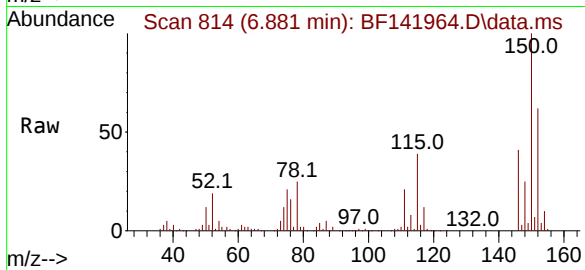




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF141964.D
 Acq: 14 Mar 2025 14:39

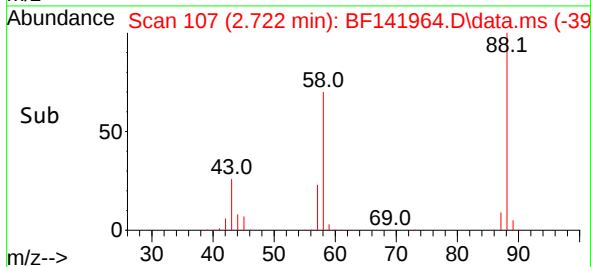
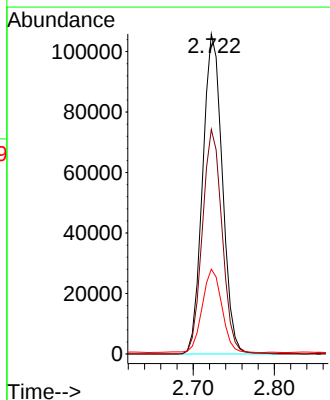
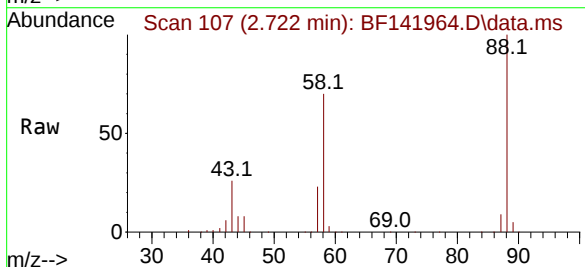
Instrument :
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 CTWK-COMPMSD

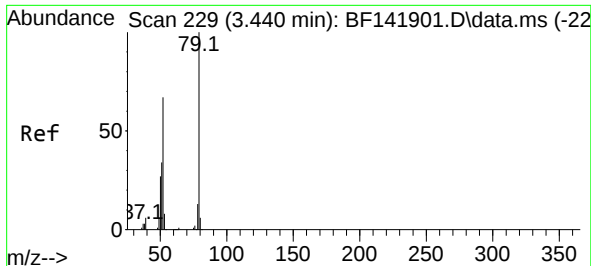
Tgt Ion:152 Resp: 136717
 Ion Ratio Lower Upper
 152 100
 150 162.5 127.4 191.2
 115 63.0 51.9 77.9



#2
 1,4-Dioxane
 Concen: 51.842 ng
 RT: 2.722 min Scan# 107
 Delta R.T. 0.047 min
 Lab File: BF141964.D
 Acq: 14 Mar 2025 14:39

Tgt Ion: 88 Resp: 177939
 Ion Ratio Lower Upper
 88 100
 58 70.5 57.4 86.2
 43 26.0 21.5 32.3

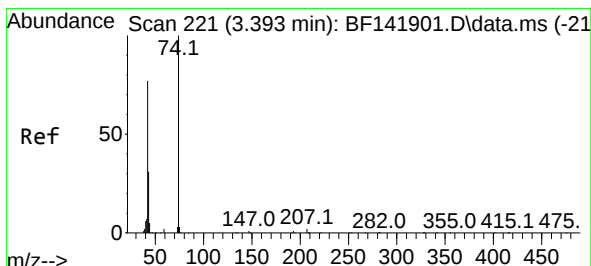
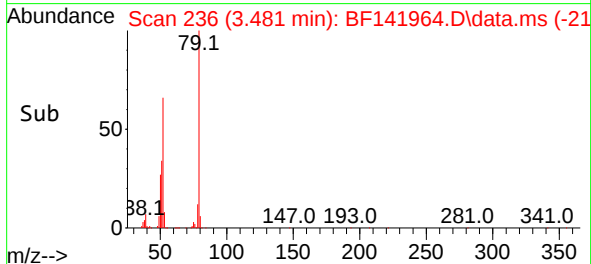
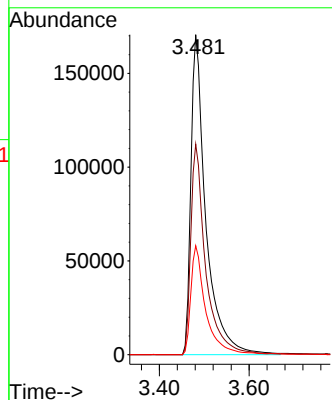
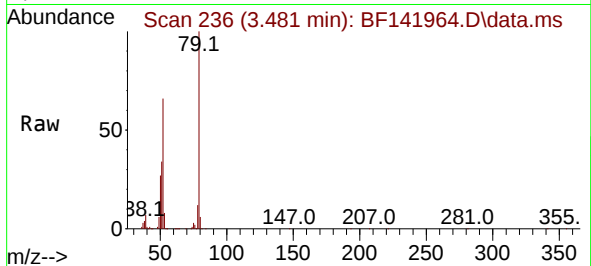




#3
Pyridine
Concen: 46.915 ng
RT: 3.481 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

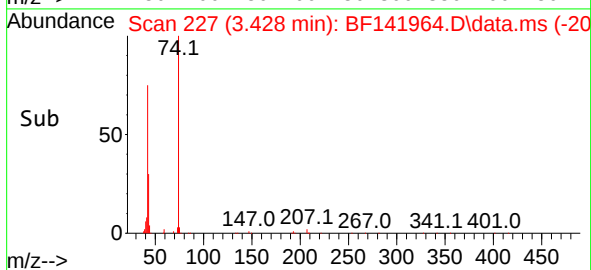
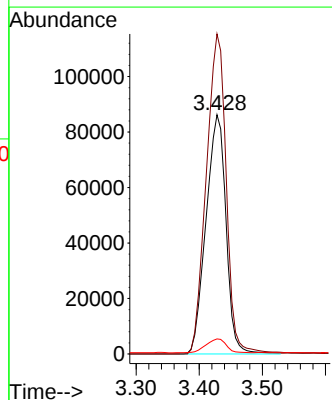
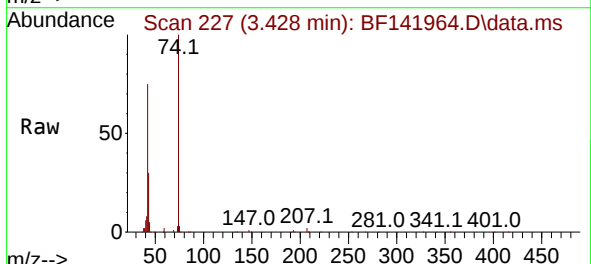
Instrument :
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ClientSampleId :
CTWK-COMPMSD

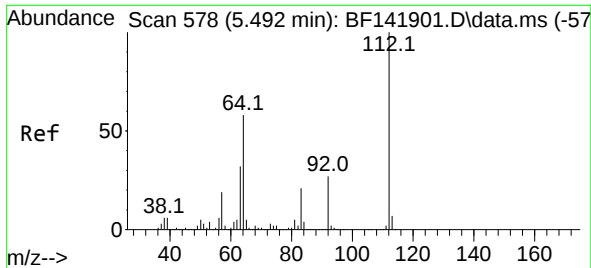
Tgt Ion: 79 Resp: 394995
Ion Ratio Lower Upper
79 100
52 65.8 53.3 79.9
51 34.0 27.6 41.4



#4
n-Nitrosodimethylamine
Concen: 47.330 ng
RT: 3.428 min Scan# 227
Delta R.T. 0.036 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion: 42 Resp: 189956
Ion Ratio Lower Upper
42 100
74 133.7 103.4 155.0
44 6.3 5.0 7.4

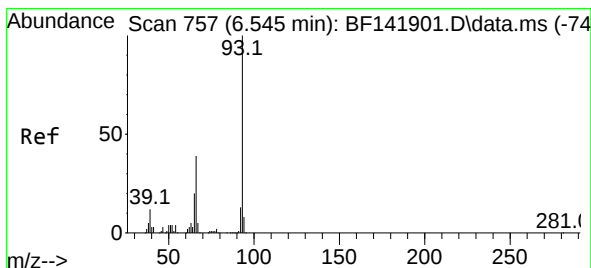
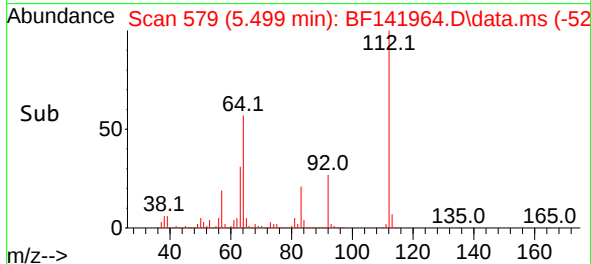
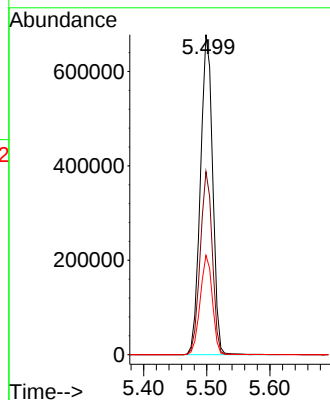
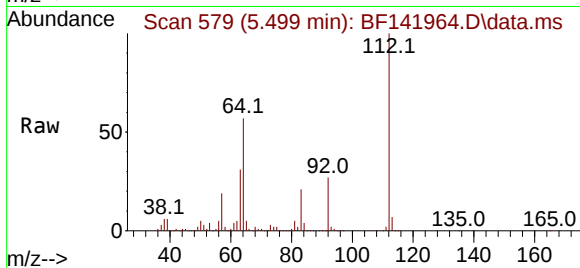




#5
2-Fluorophenol
Concen: 111.845 ng
RT: 5.499 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

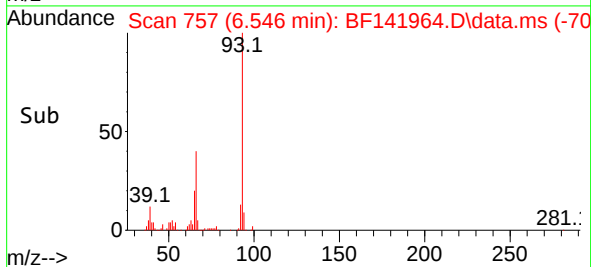
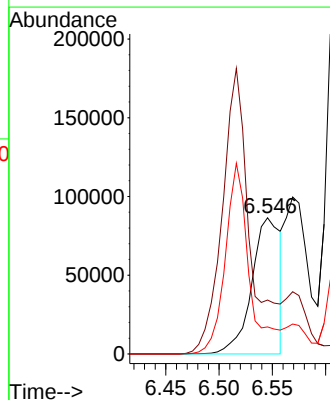
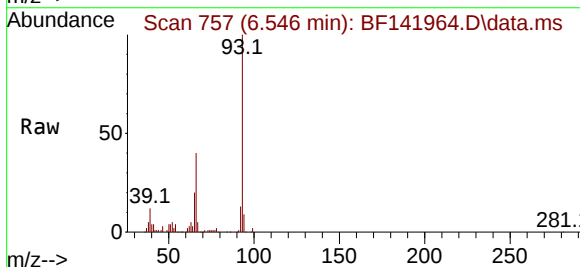
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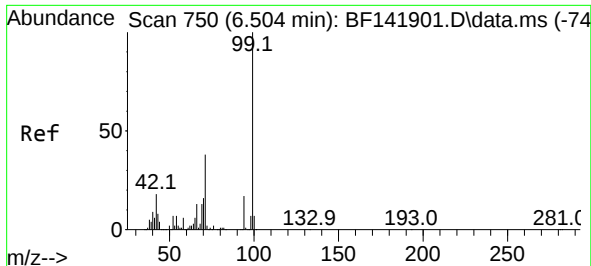
Tgt Ion:112 Resp: 916207
Ion Ratio Lower Upper
112 100
64 57.2 46.5 69.7
63 31.1 25.4 38.2



#6
Aniline
Concen: 15.672 ng
RT: 6.546 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion: 93 Resp: 161254
Ion Ratio Lower Upper
93 100
66 39.6 31.9 47.9
65 19.8 15.8 23.6



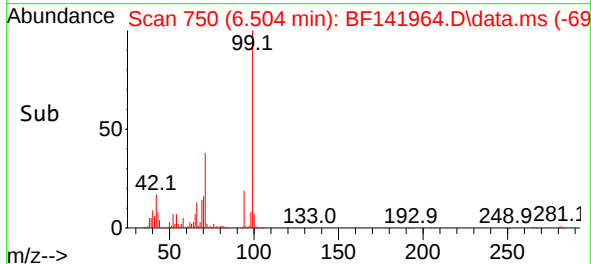
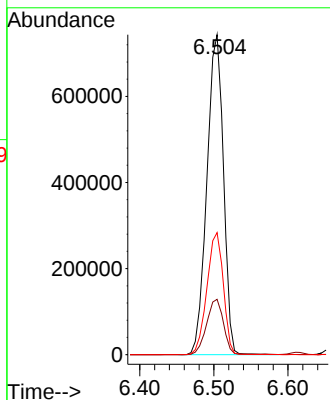
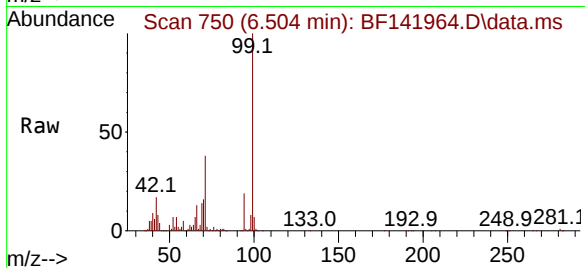


#7
Phenol-d6
Concen: 110.380 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

Tgt Ion: 99 Resp: 1151253

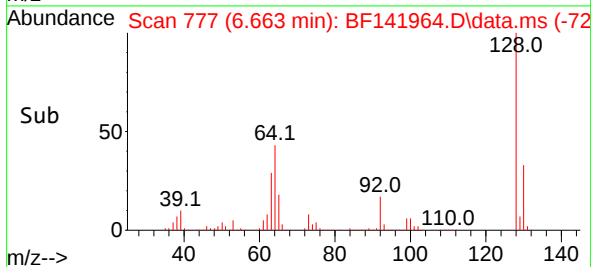
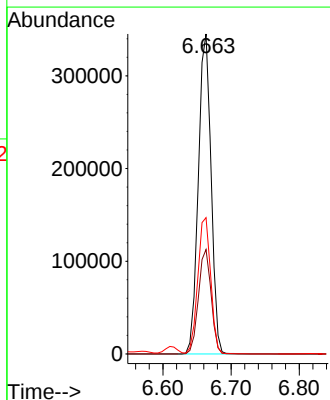
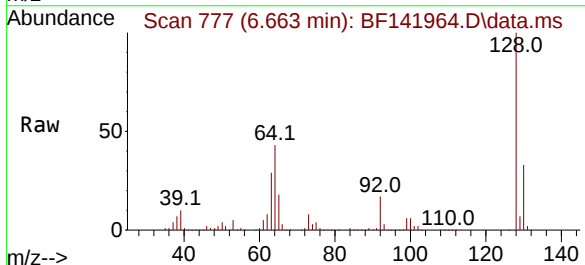
Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.6	21.8
71	38.2	30.8	46.2

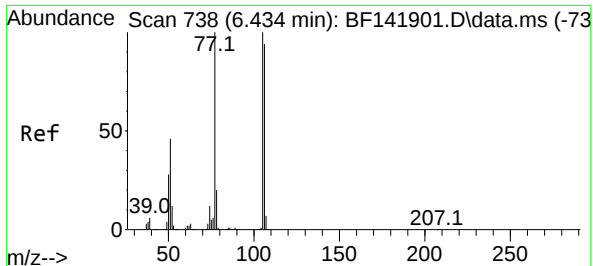


#8
2-Chlorophenol
Concen: 49.252 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion: 128 Resp: 447464

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.8	52.8
64	42.6	24.4	64.4

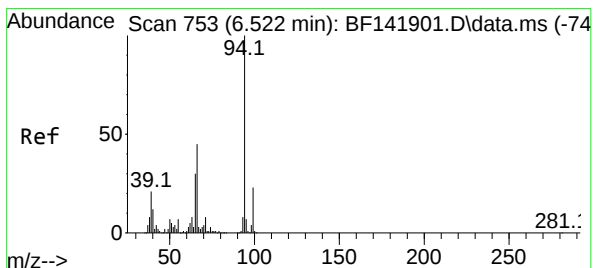
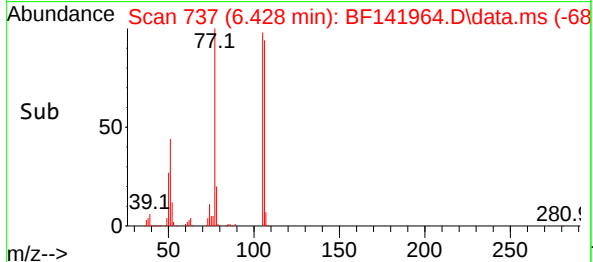
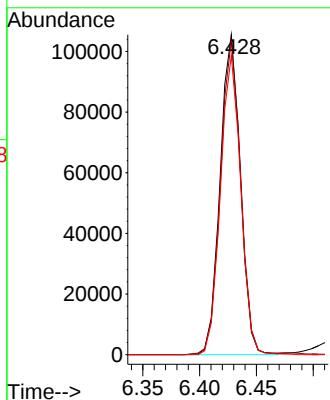
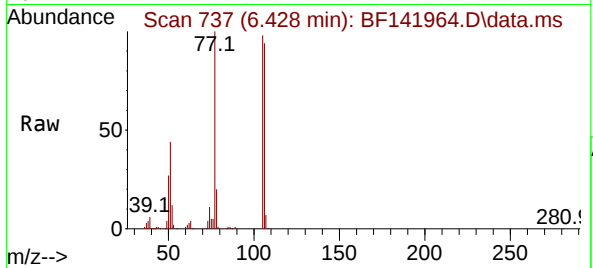




#9
Benzaldehyde
Concen: 22.401 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

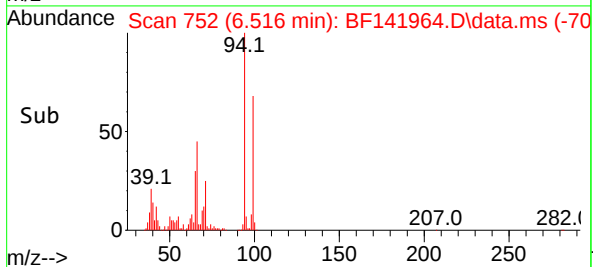
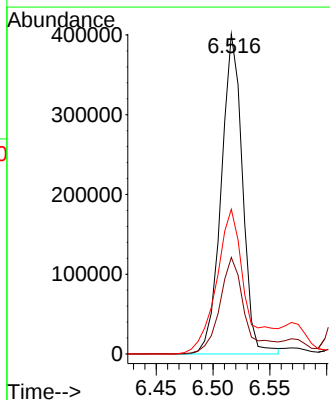
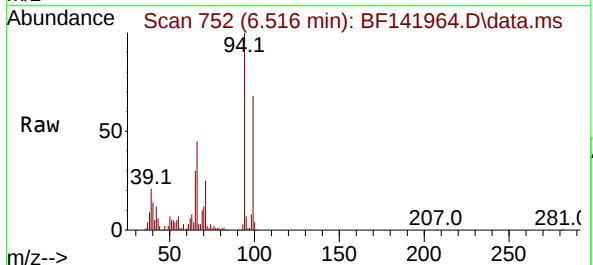
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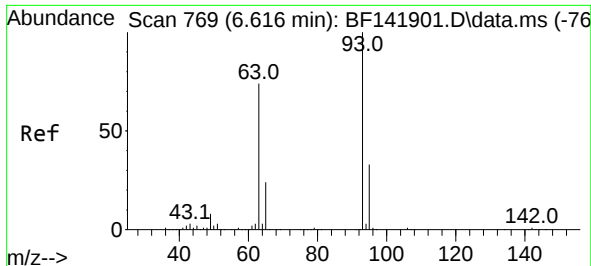
Tgt Ion: 77 Resp: 130669
Ion Ratio Lower Upper
77 100
105 98.1 80.0 120.0
106 93.5 74.5 114.5



#10
Phenol
Concen: 47.599 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion: 94 Resp: 522282
Ion Ratio Lower Upper
94 100
65 30.2 10.5 50.5
66 45.2 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 47.994 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF141964.D

Acq: 14 Mar 2025 14:39

Instrument :

BNA_F

ClientSampleId :

CTWK-COMPMSD

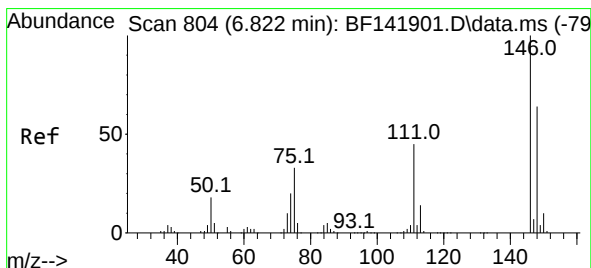
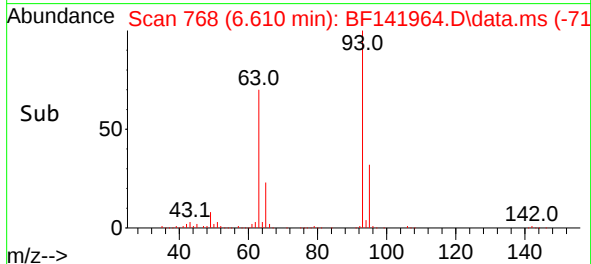
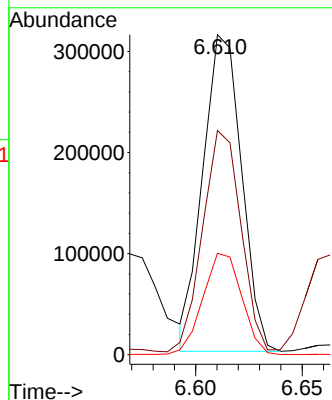
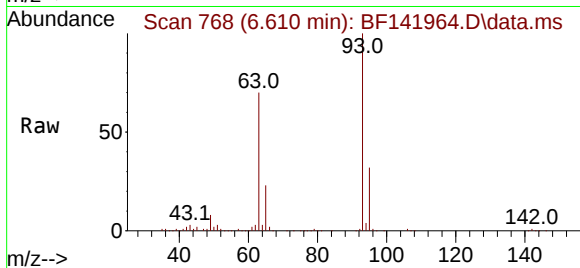
Tgt Ion: 93 Resp: 395430

Ion Ratio Lower Upper

93 100

63 70.1 53.0 93.0

95 31.7 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 49.183 ng

RT: 6.822 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF141964.D

Acq: 14 Mar 2025 14:39

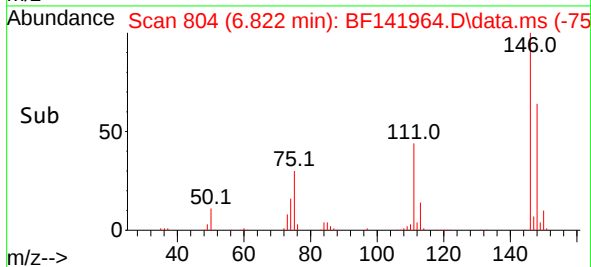
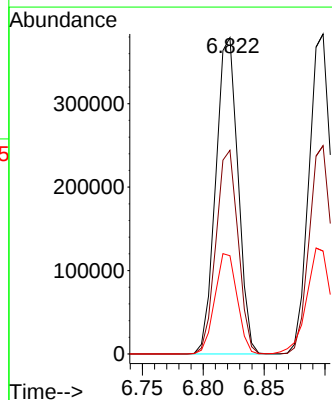
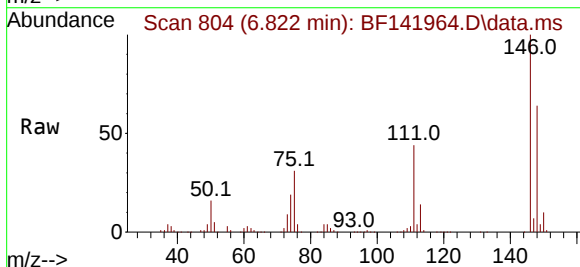
Tgt Ion: 146 Resp: 482417

Ion Ratio Lower Upper

146 100

148 64.4 51.3 76.9

75 31.1 26.6 40.0

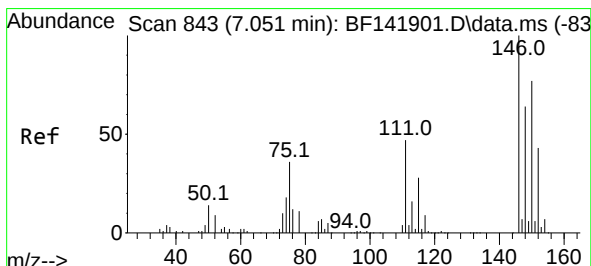
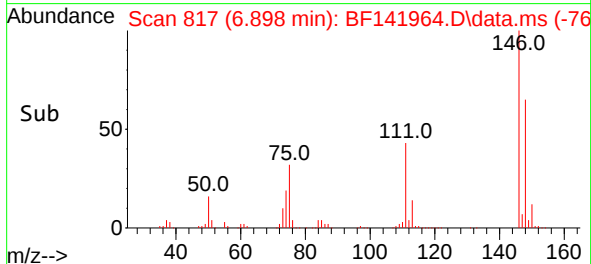
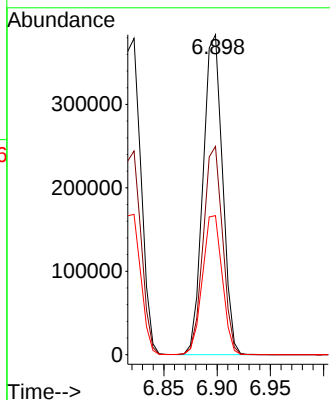
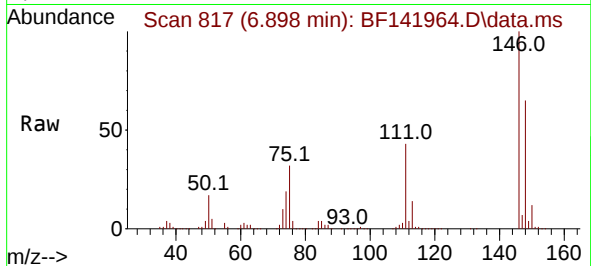




#13
 1,4-Dichlorobenzene
 Concen: 49.156 ng
 RT: 6.898 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF141964.D
 Acq: 14 Mar 2025 14:39

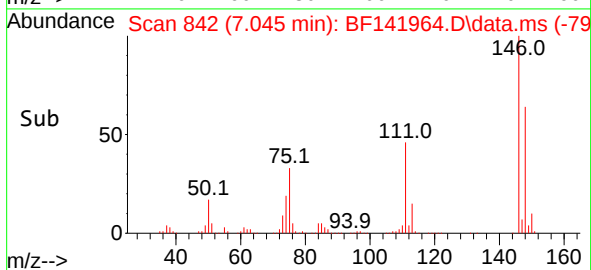
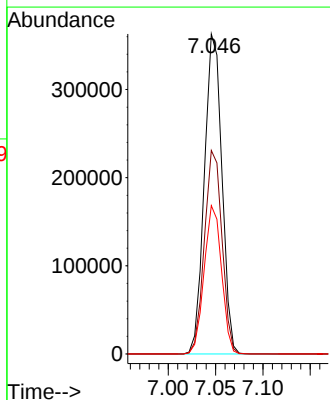
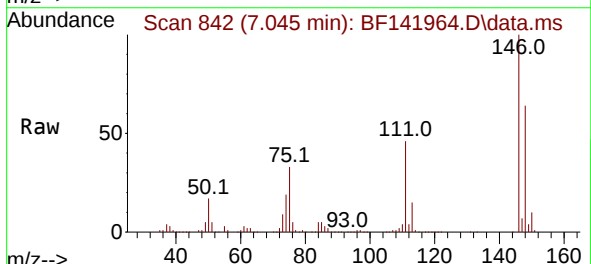
Instrument :
 BNA_F
 ClientSampleId :
 CTWK-COMPMSD

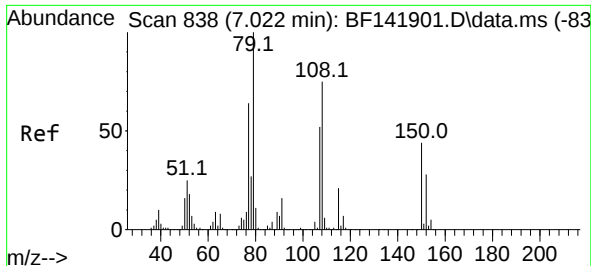
Tgt Ion:146 Resp: 487832
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.0 76.6
 111 43.5 35.7 53.5



#14
 1,2-Dichlorobenzene
 Concen: 49.828 ng
 RT: 7.045 min Scan# 842
 Delta R.T. -0.006 min
 Lab File: BF141964.D
 Acq: 14 Mar 2025 14:39

Tgt Ion:146 Resp: 465772
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 46.4 38.0 57.0

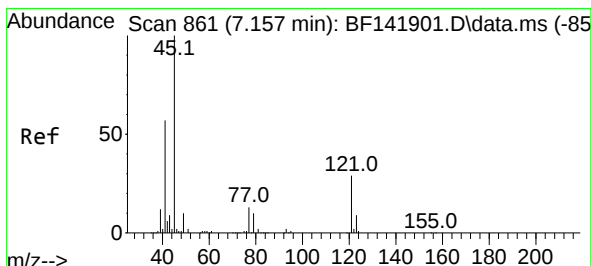
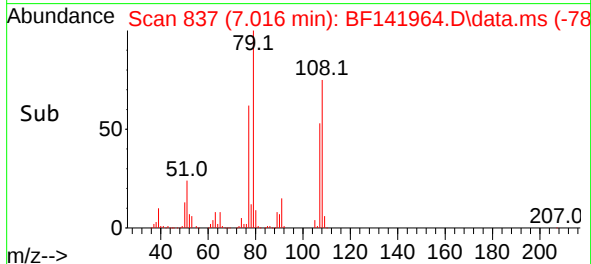
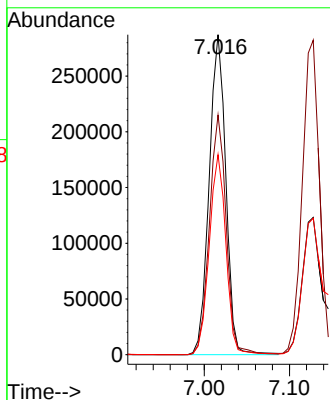
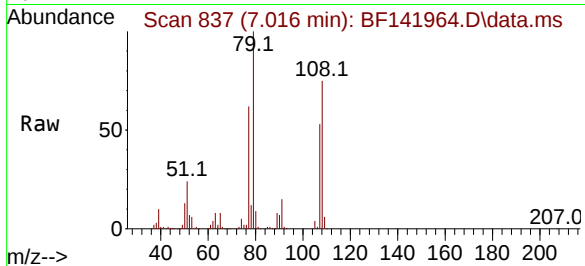




#15
Benzyl Alcohol
Concen: 46.290 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

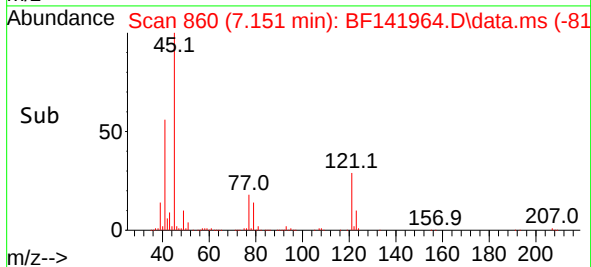
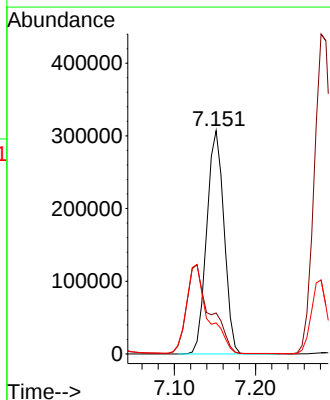
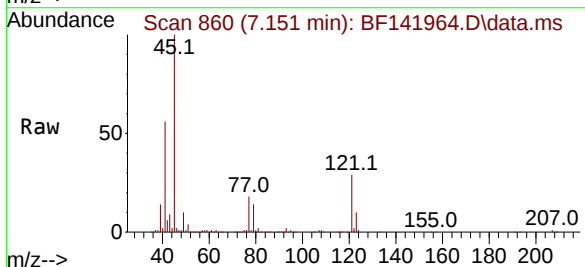
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

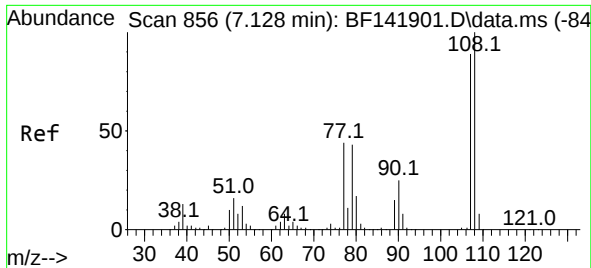
Tgt Ion: 79 Resp: 390320
Ion Ratio Lower Upper
79 100
108 74.9 59.7 89.5
77 62.5 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.568 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion: 45 Resp: 453263
Ion Ratio Lower Upper
45 100
77 18.3 0.0 37.8
79 13.9 0.0 34.2

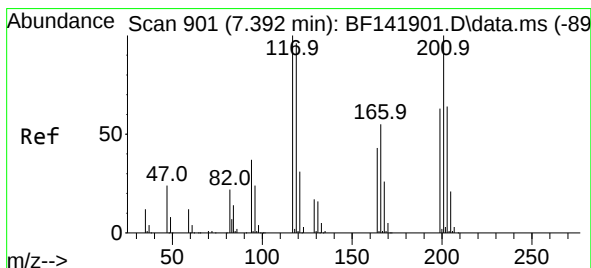
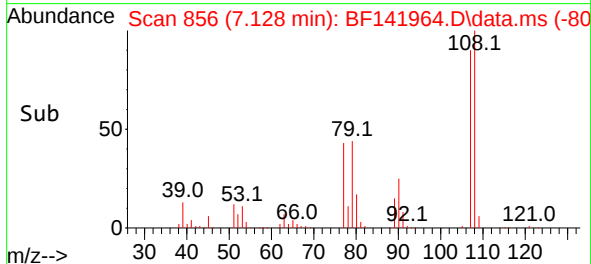
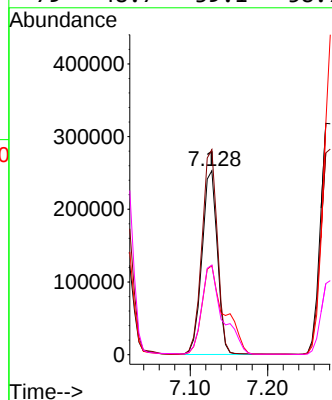
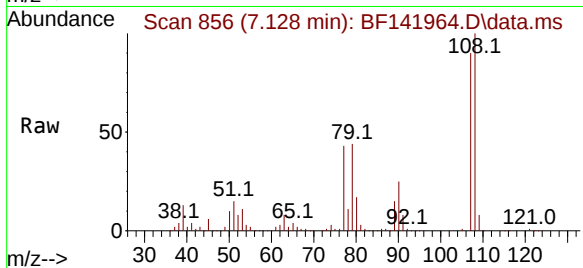




#17
2-Methylphenol
Concen: 48.327 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

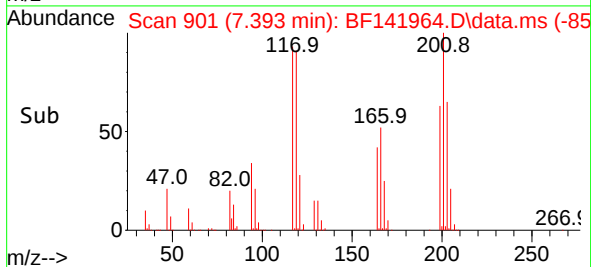
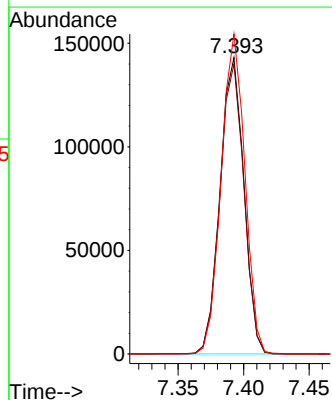
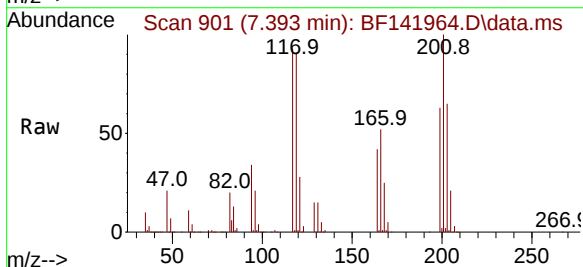
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

Tgt Ion:	107	Resp:	349103
Ion	Ratio	Lower	Upper
107	100		
108	111.5	90.2	135.2
77	48.4	39.6	59.4
79	48.7	39.1	58.7



#18
Hexachloroethane
Concen: 48.555 ng
RT: 7.393 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion:	117	Resp:	180696
Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.9	115.3
201	108.0	79.9	119.9

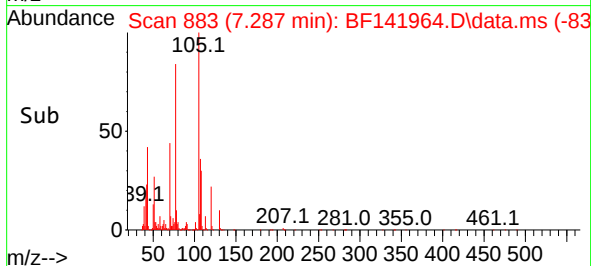
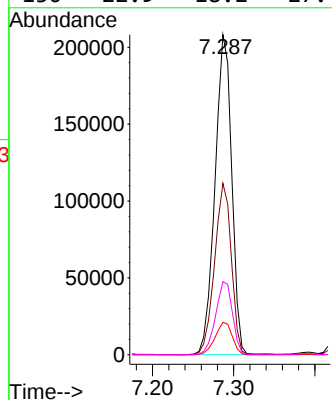
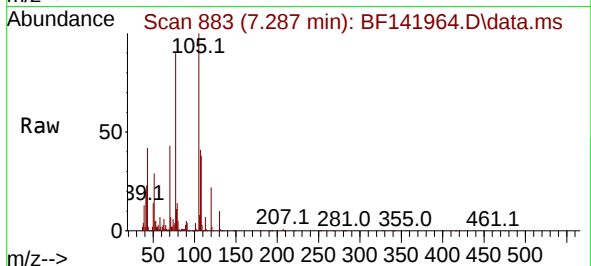




#19
n-Nitroso-di-n-propylamine
Concen: 44.510 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

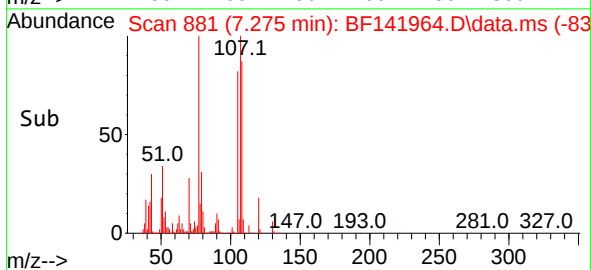
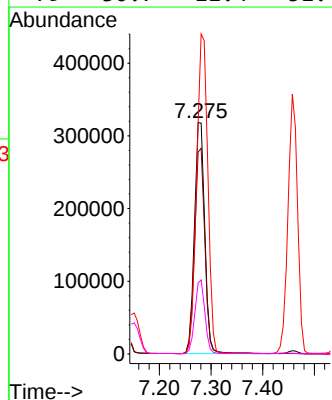
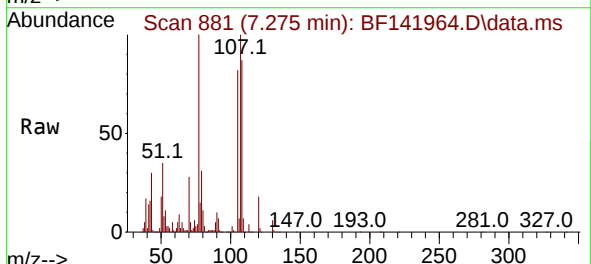
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

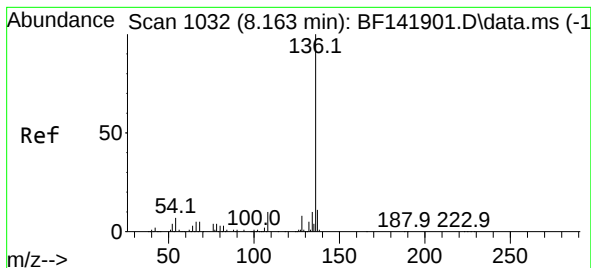
Tgt Ion: 70 Resp: 298299
Ion Ratio Lower Upper
70 100
42 53.6 41.4 62.0
101 10.1 8.2 12.2
130 22.9 18.2 27.4



#20
3+4-Methylphenols
Concen: 47.652 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion:107 Resp: 440906
Ion Ratio Lower Upper
107 100
108 87.2 68.4 108.4
77 99.7 69.7 109.7
79 30.7 11.4 51.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141964.D

Acq: 14 Mar 2025 14:39

Instrument :

BNA_F

ClientSampleId :

CTWK-COMPMSD

Tgt Ion:136 Resp: 524005

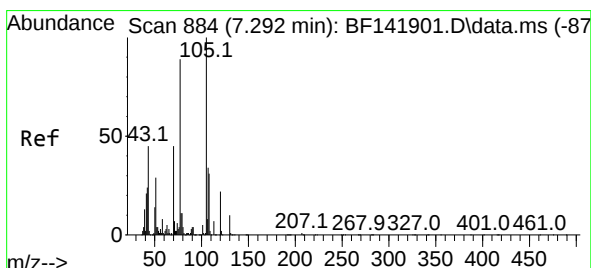
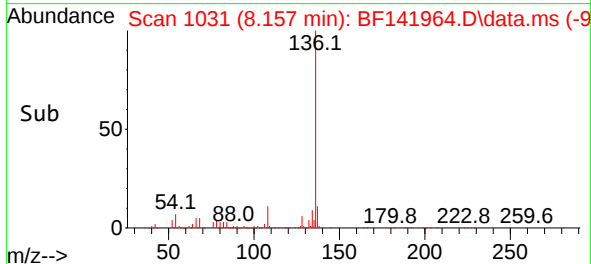
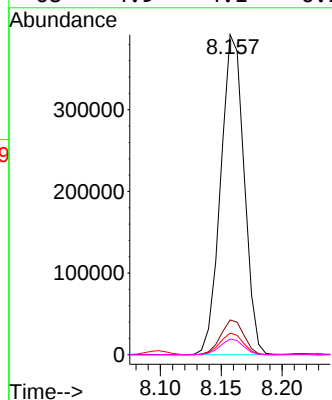
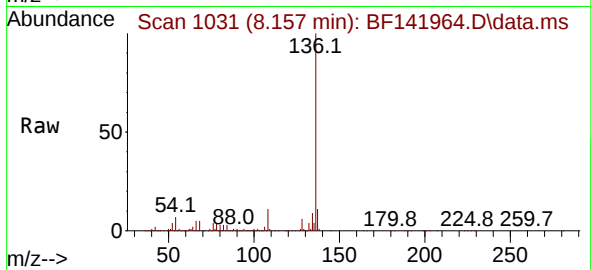
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.8 5.8 8.8

68 4.9 4.1 6.1



#22

Acetophenone

Concen: 52.953 ng

RT: 7.287 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF141964.D

Acq: 14 Mar 2025 14:39

Tgt Ion:105 Resp: 664492

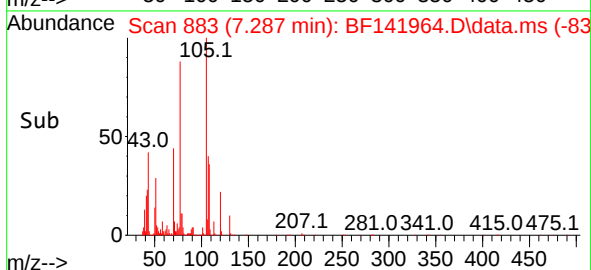
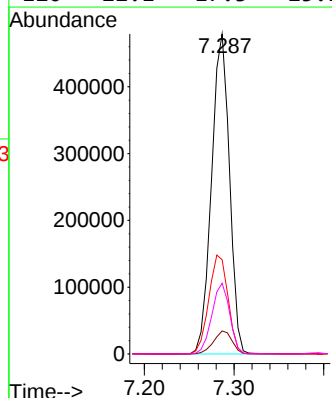
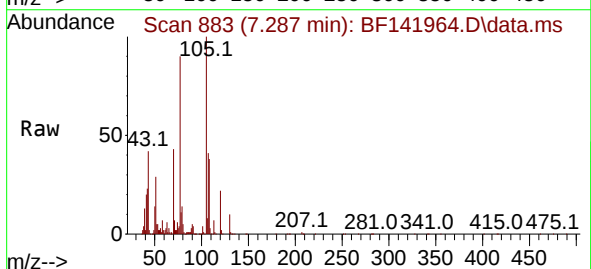
Ion Ratio Lower Upper

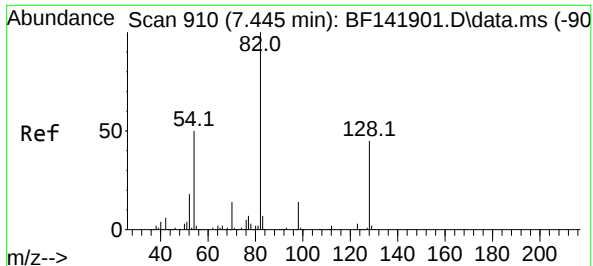
105 100

71 7.2 5.8 8.8

51 29.4 23.4 35.0

120 22.1 17.3 25.9





#23

Nitrobenzene-d5

Concen: 81.919 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF141964.D

Acq: 14 Mar 2025 14:39

Instrument :

BNA_F

ClientSampleId :

CTWK-COMPMSD

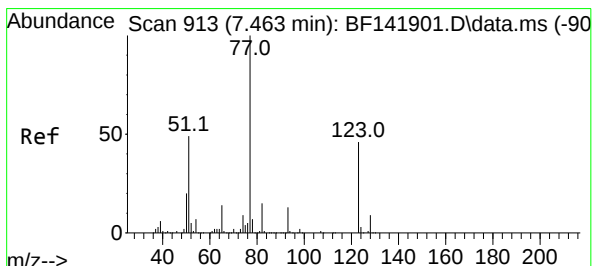
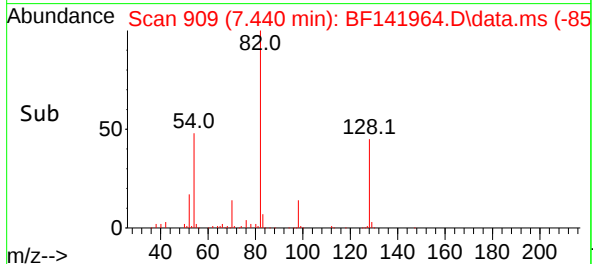
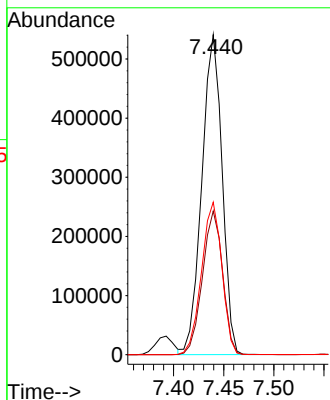
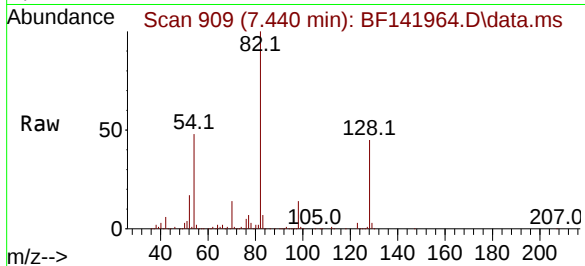
Tgt Ion: 82 Resp: 762778

Ion Ratio Lower Upper

82 100

128 44.9 36.0 54.0

54 47.6 39.6 59.4



#24

Nitrobenzene

Concen: 49.518 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF141964.D

Acq: 14 Mar 2025 14:39

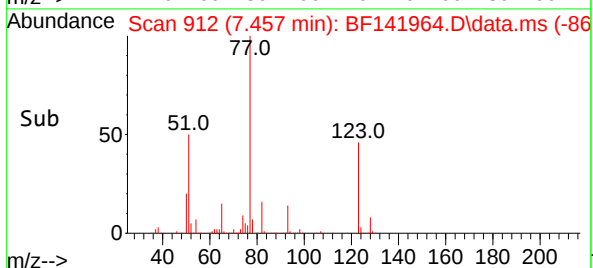
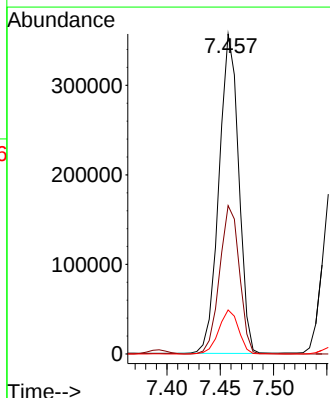
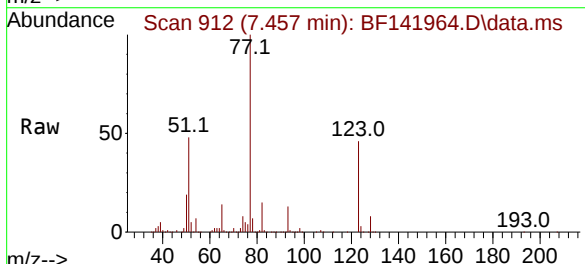
Tgt Ion: 77 Resp: 458371

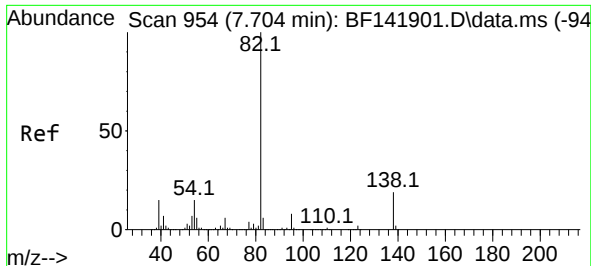
Ion Ratio Lower Upper

77 100

123 46.3 37.0 55.4

65 13.8 11.3 16.9

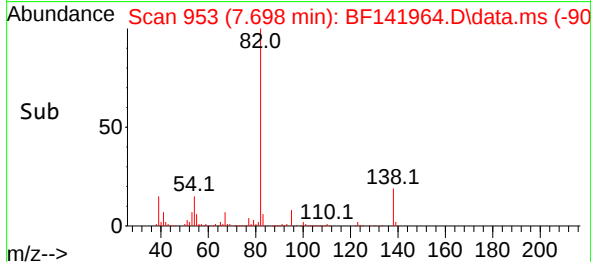
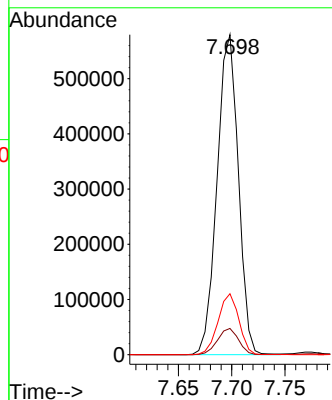
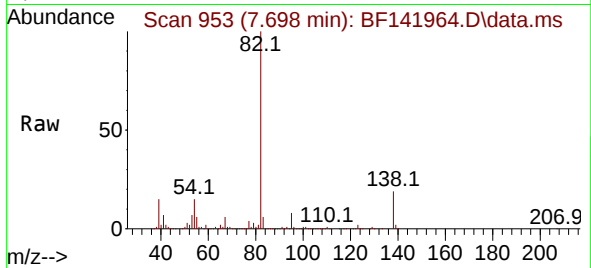




#25
Isophorone
Concen: 48.813 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

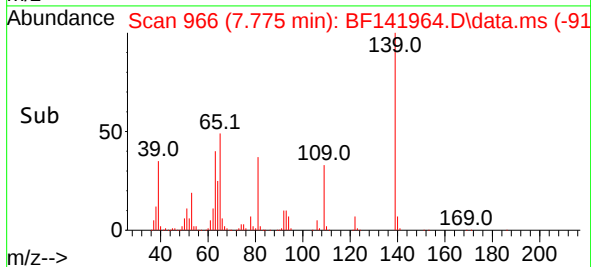
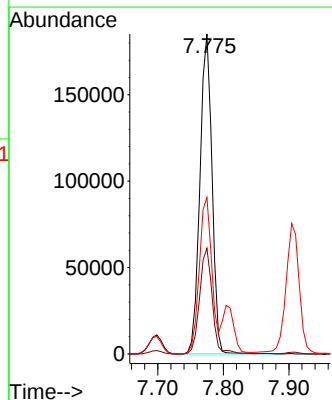
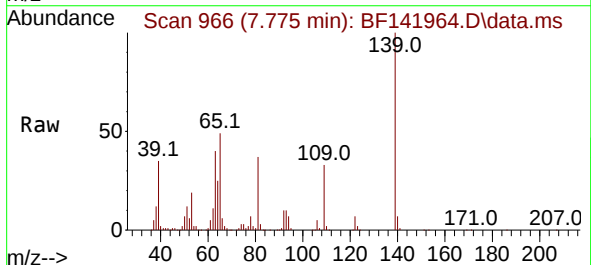
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

Tgt Ion: 82 Resp: 803425
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 19.1 14.9 22.3



#26
2-Nitrophenol
Concen: 52.415 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

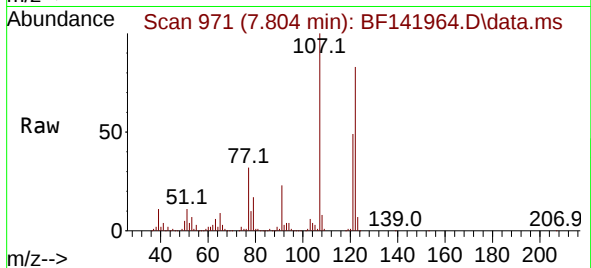
Tgt Ion:139 Resp: 238131
Ion Ratio Lower Upper
139 100
109 33.1 26.5 39.7
65 48.9 40.3 60.5



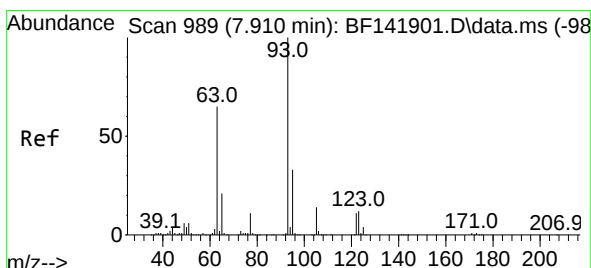
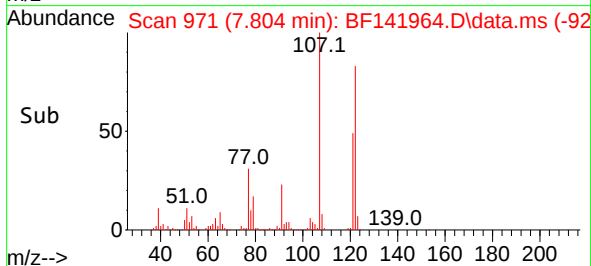
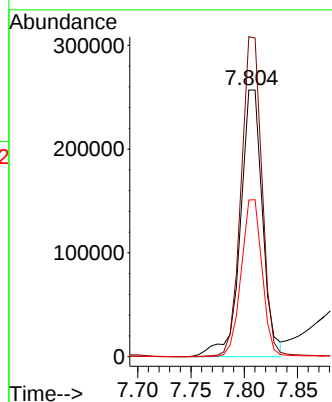


#27
2,4-Dimethylphenol
Concen: 59.605 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

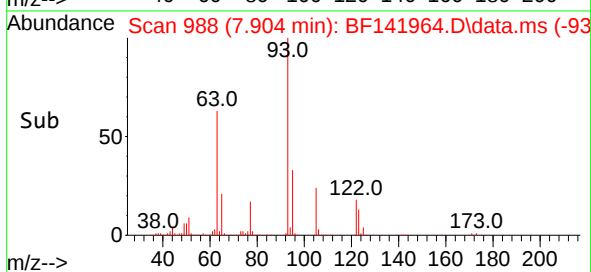
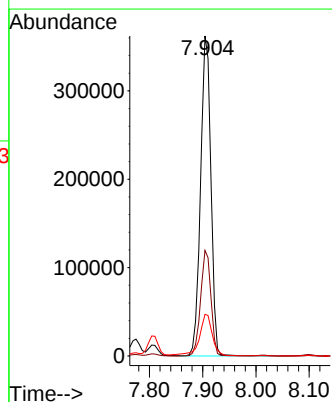
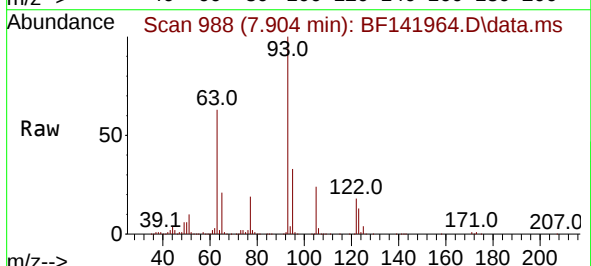


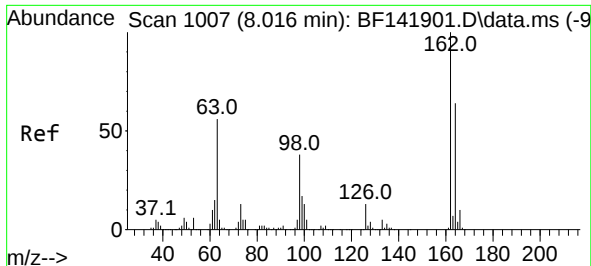
Tgt Ion:122 Resp: 372872
Ion Ratio Lower Upper
122 100
107 119.9 94.8 142.2
121 58.7 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 47.294 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion: 93 Resp: 488238
Ion Ratio Lower Upper
93 100
95 32.9 26.6 40.0
123 13.0 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 47.363 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141964.D

Acq: 14 Mar 2025 14:39

Instrument :

BNA_F

ClientSampleId :

CTWK-COMPMSD

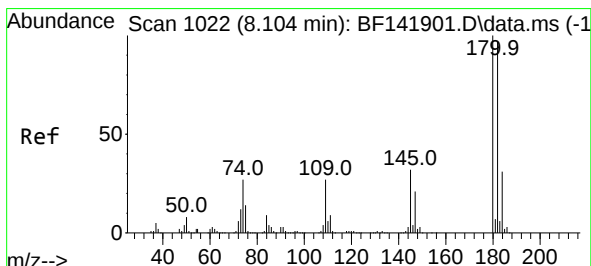
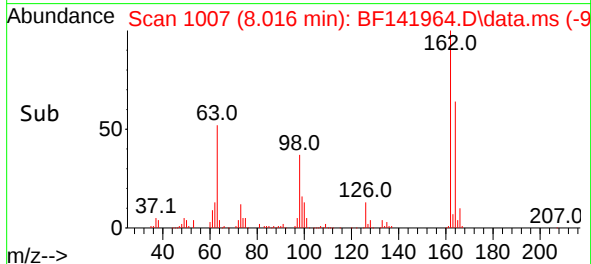
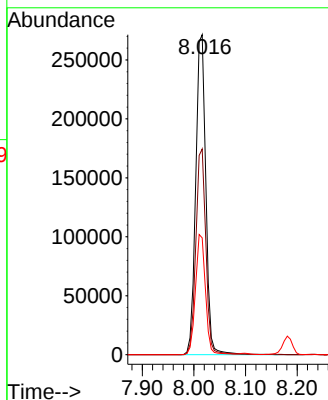
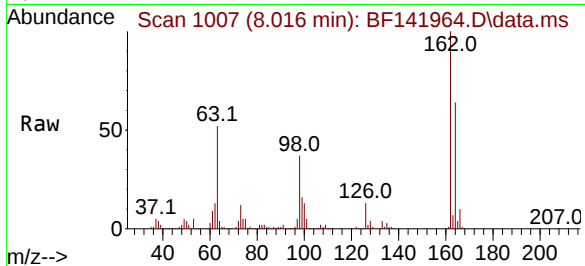
Tgt Ion:162 Resp: 367768

Ion Ratio Lower Upper

162 100

164 64.3 43.8 83.8

98 36.5 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 48.286 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF141964.D

Acq: 14 Mar 2025 14:39

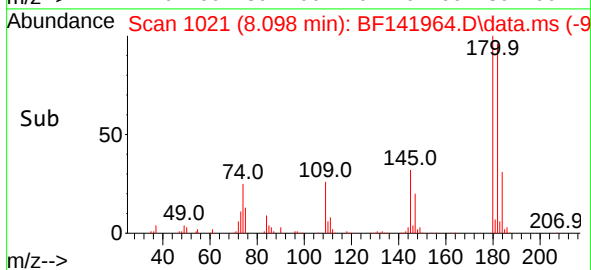
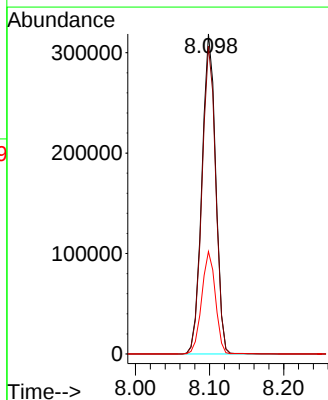
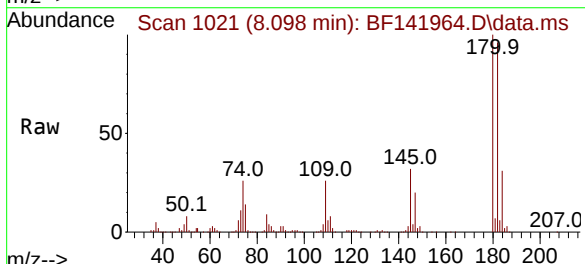
Tgt Ion:180 Resp: 413183

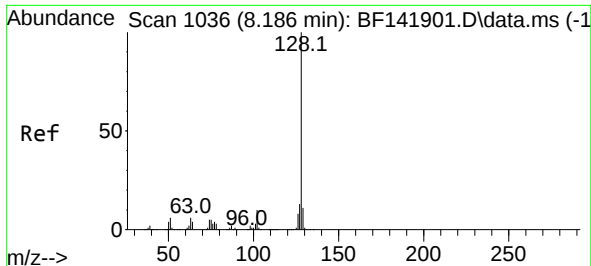
Ion Ratio Lower Upper

180 100

182 96.2 77.5 116.3

145 32.0 25.8 38.6

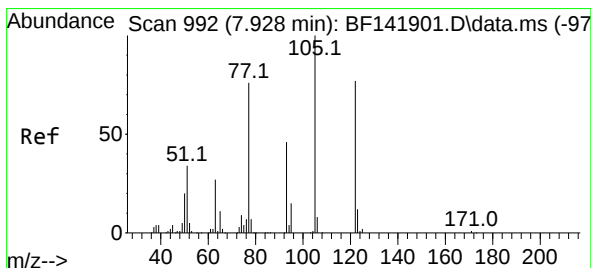
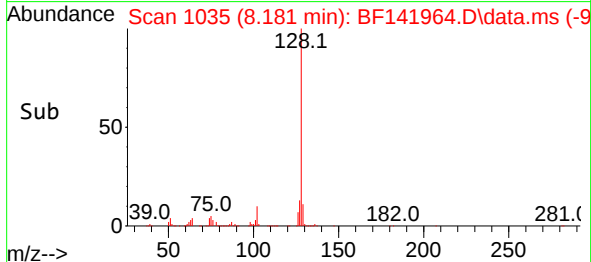
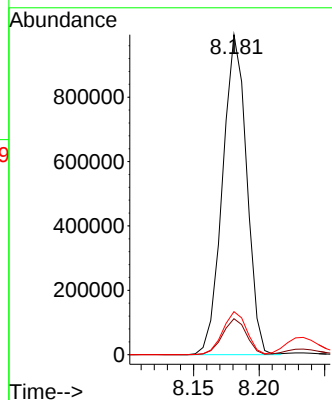
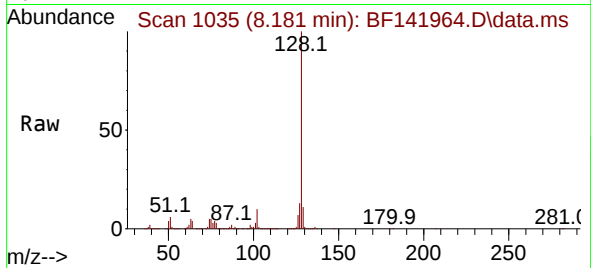




#31
Naphthalene
Concen: 47.270 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

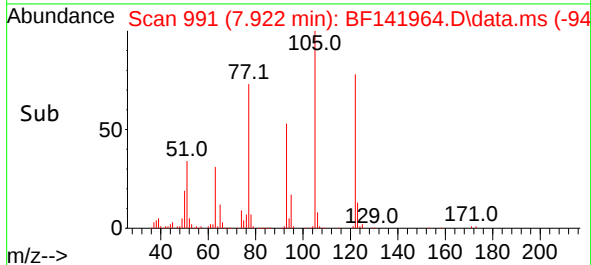
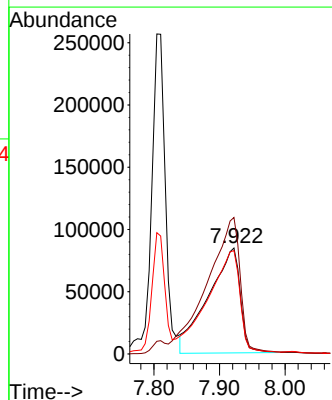
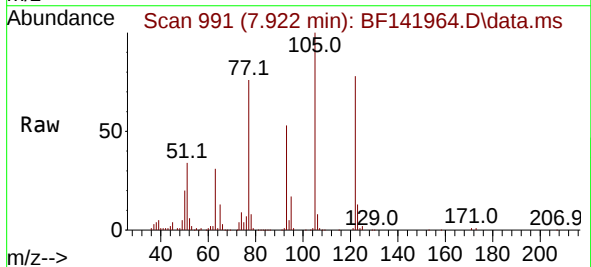
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

Tgt Ion:128 Resp: 1272368
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 51.543 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion:122 Resp: 283433
Ion Ratio Lower Upper
122 100
105 129.0 107.9 147.9
77 97.6 79.0 119.0

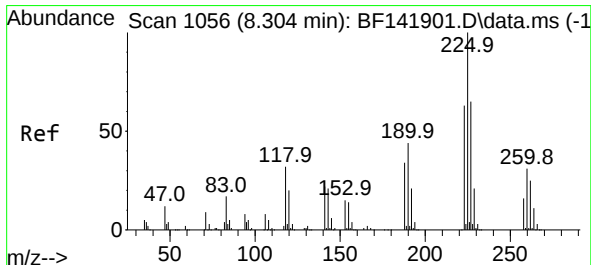
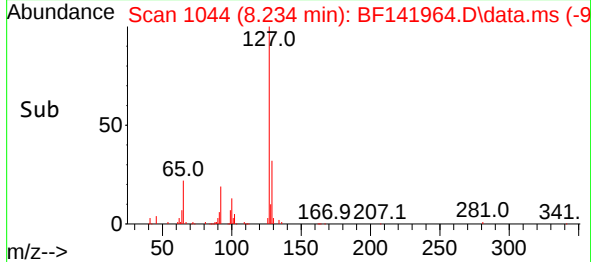
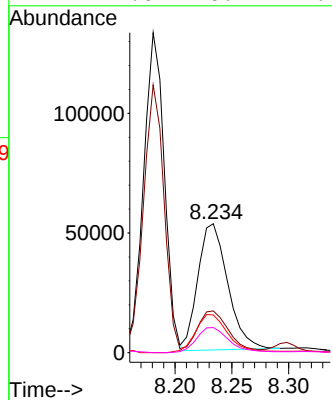
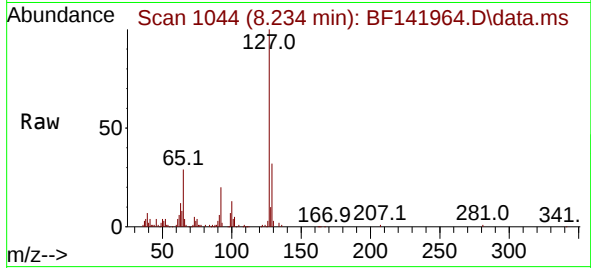




#33
4-Chloroaniline
Concen: 10.160 ng
RT: 8.234 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

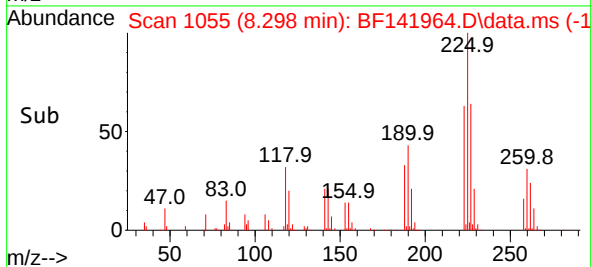
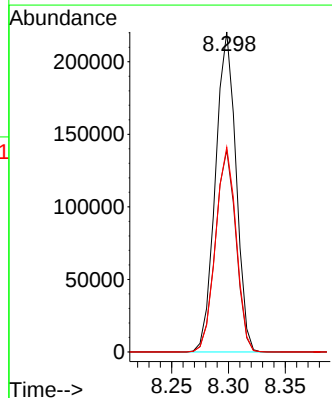
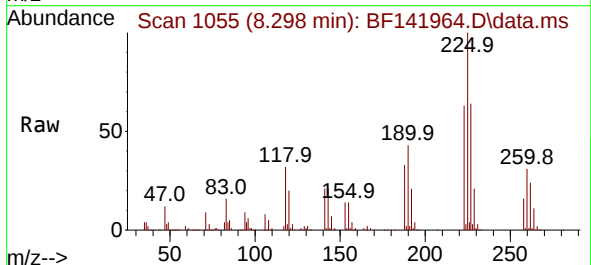
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

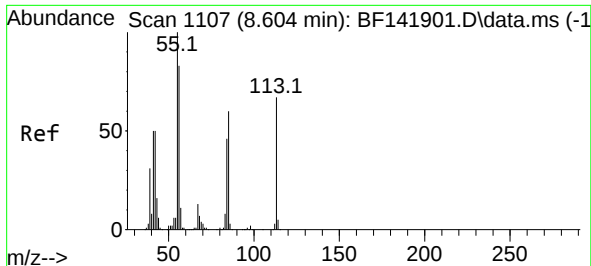
Tgt Ion:	127	Resp:	96538
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	29.3	25.4	38.2
92	19.6	16.2	24.4



#34
Hexachlorobutadiene
Concen: 49.767 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

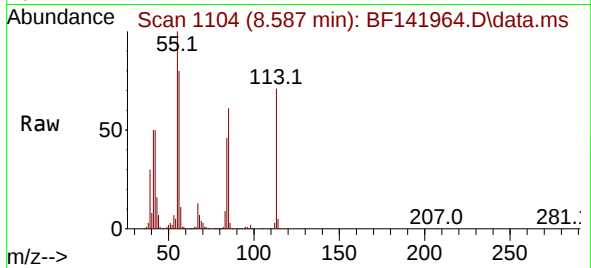
Tgt Ion:	225	Resp:	277726
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	75.8
227	64.0	52.2	78.2



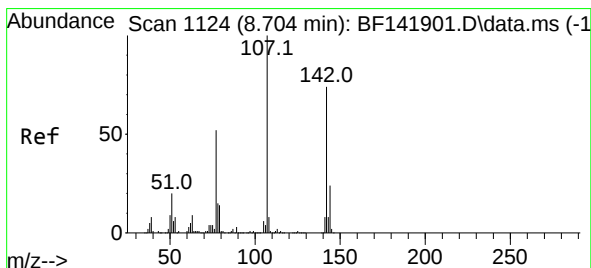
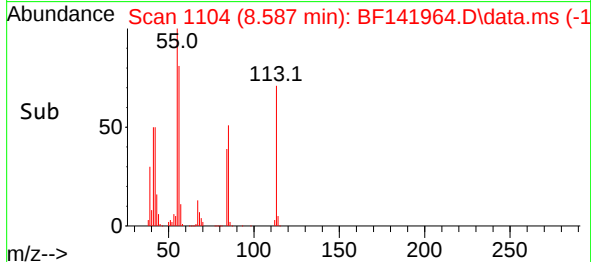
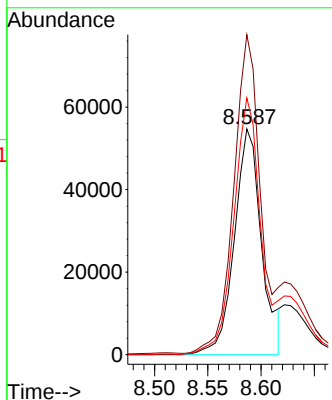


#35
Caprolactam
Concen: 40.877 ng
RT: 8.587 min Scan# 1104
Delta R.T. -0.017 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

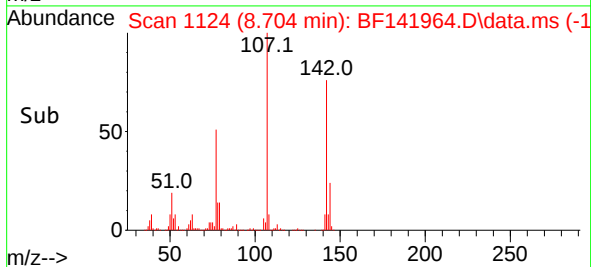
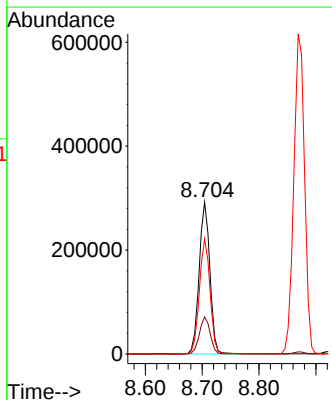
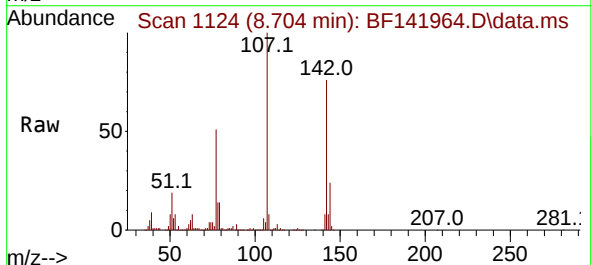


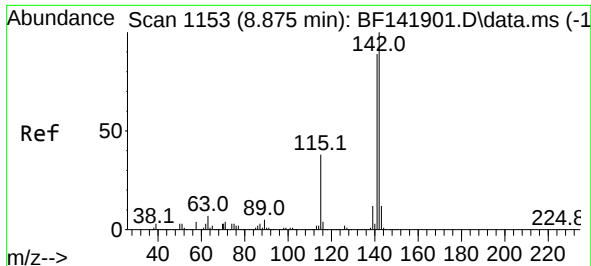
Tgt Ion:113 Resp: 96768
Ion Ratio Lower Upper
113 100
55 141.8 129.6 169.6
56 113.8 104.0 144.0



#36
4-Chloro-3-methylphenol
Concen: 44.473 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion:107 Resp: 385216
Ion Ratio Lower Upper
107 100
144 24.4 19.0 28.6
142 75.8 59.2 88.8





#37

2-Methylnaphthalene

Concen: 44.772 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF141964.D

Acq: 14 Mar 2025 14:39

Instrument :

BNA_F

ClientSampleId :

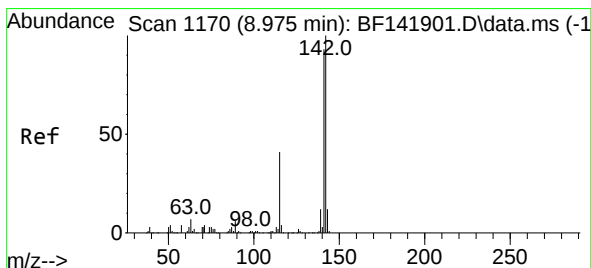
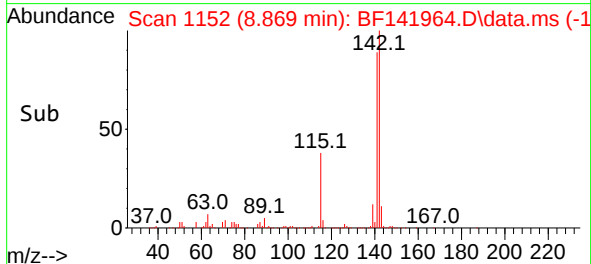
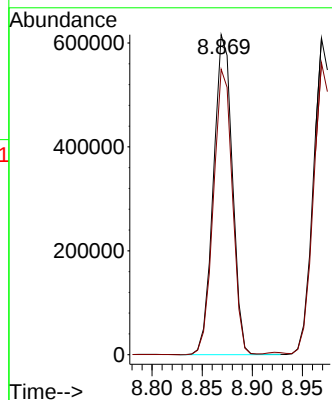
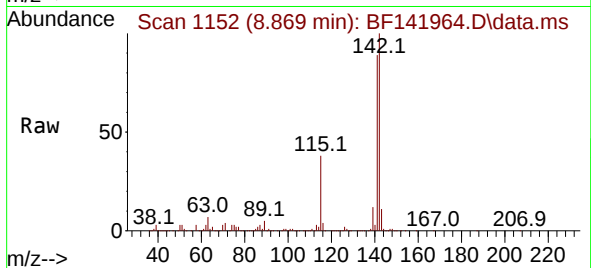
CTWK-COMPMSD

Tgt Ion:142 Resp: 805524

Ion Ratio Lower Upper

142 100

141 89.2 71.2 106.8



#38

1-Methylnaphthalene

Concen: 45.373 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF141964.D

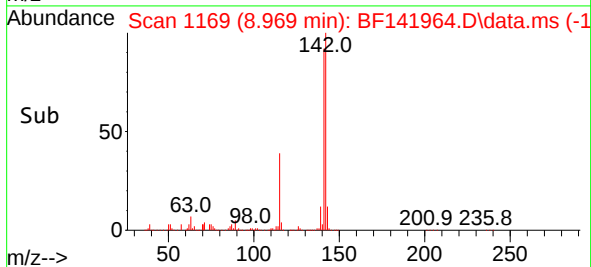
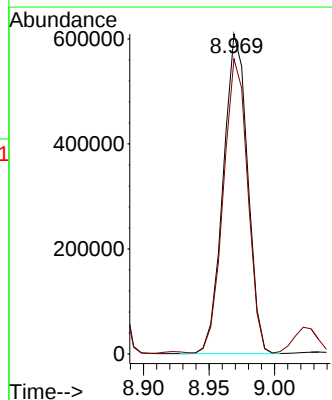
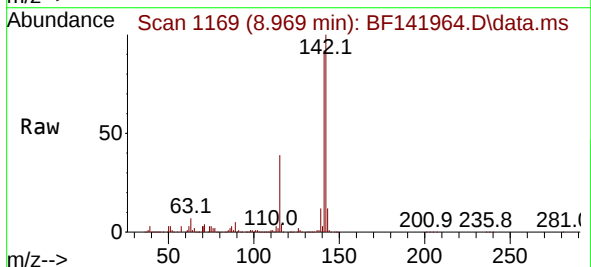
Acq: 14 Mar 2025 14:39

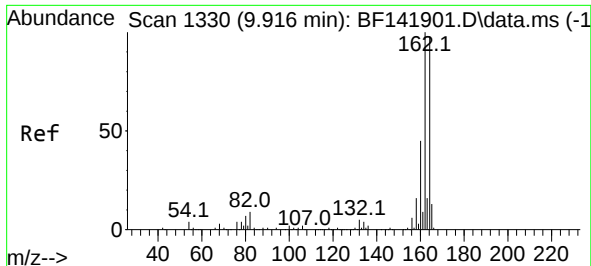
Tgt Ion:142 Resp: 787760

Ion Ratio Lower Upper

142 100

141 92.2 74.2 111.4

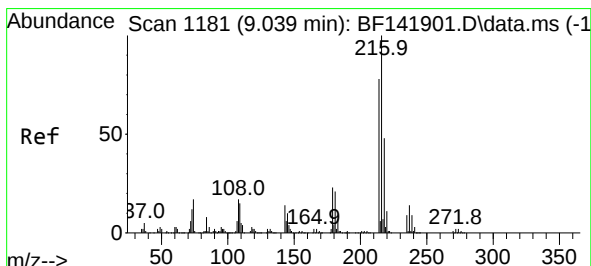
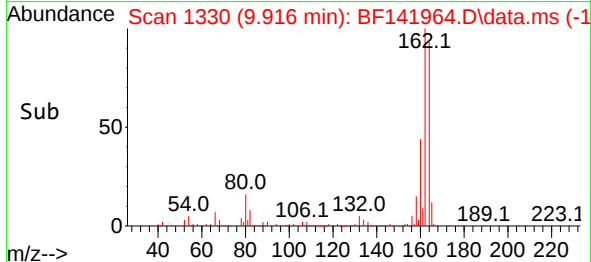
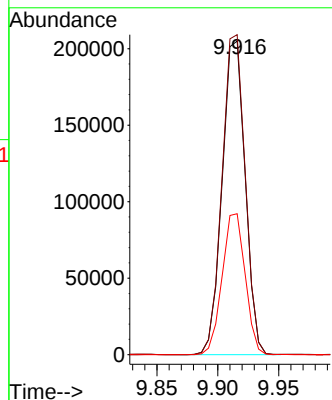
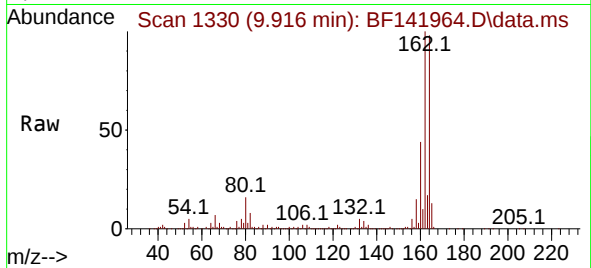




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

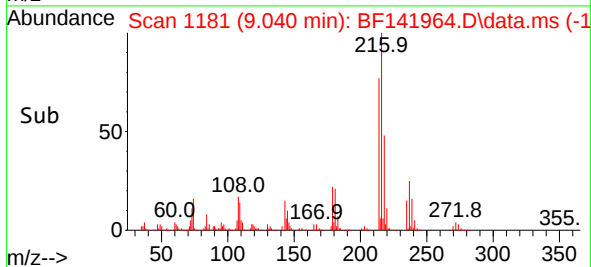
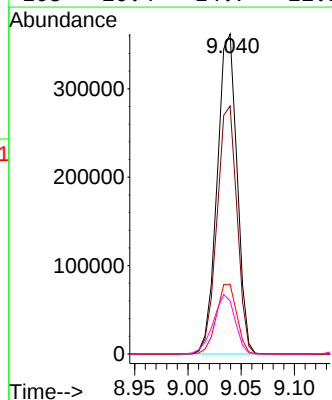
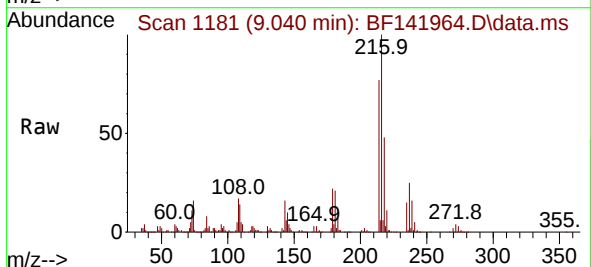
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

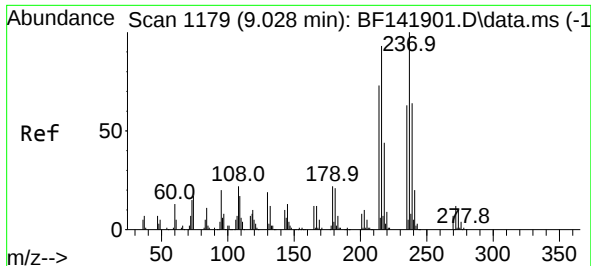
Tgt Ion:164 Resp: 269906
Ion Ratio Lower Upper
164 100
162 102.1 81.8 122.6
160 44.9 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.187 ng
RT: 9.040 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion:216 Resp: 469940
Ion Ratio Lower Upper
216 100
214 77.9 61.9 92.9
179 22.4 18.1 27.1
108 20.4 14.7 22.1

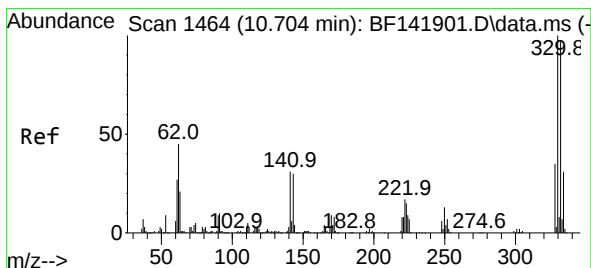
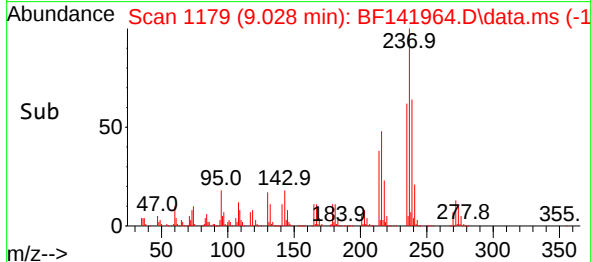
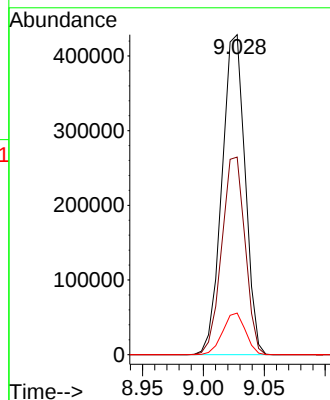
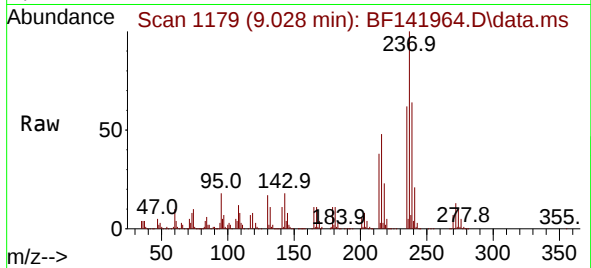




#41
Hexachlorocyclopentadiene
Concen: 176.502 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

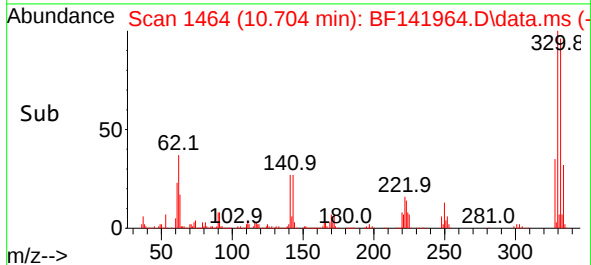
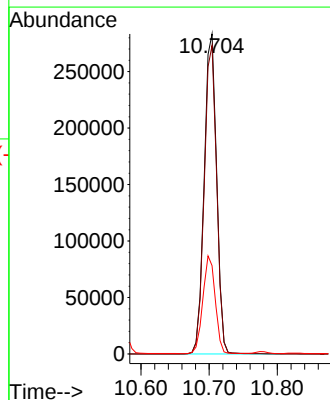
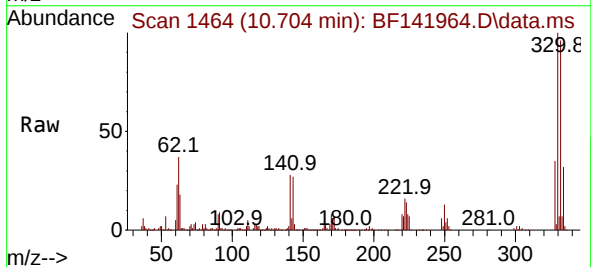
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

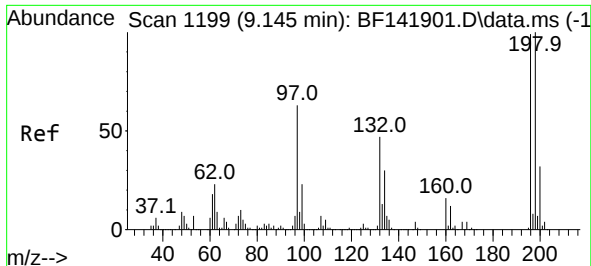
Tgt Ion:237 Resp: 567632
Ion Ratio Lower Upper
237 100
235 61.7 43.1 83.1
272 13.0 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 105.123 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion:330 Resp: 359952
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 30.3 24.7 37.1

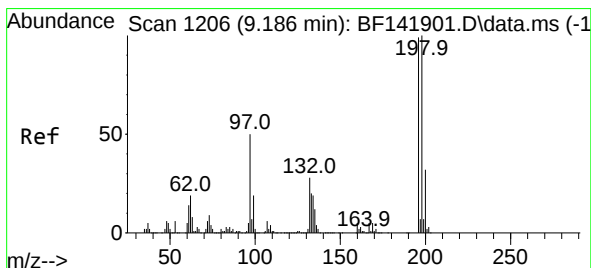
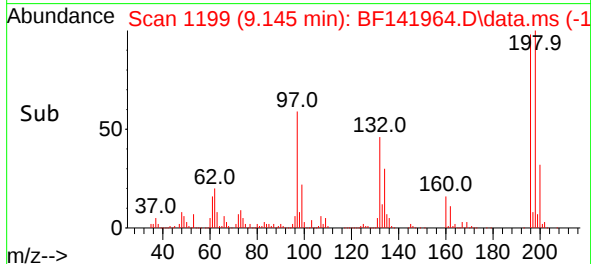
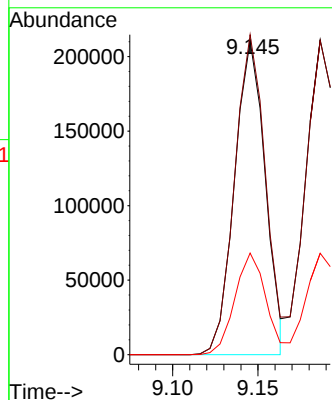
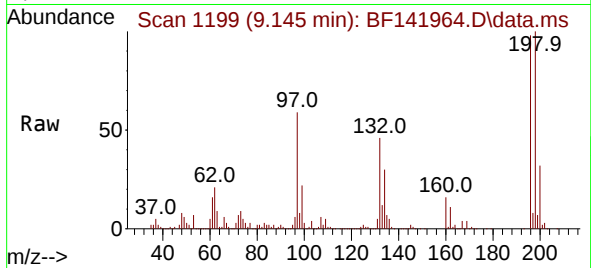




#43
2,4,6-Trichlorophenol
Concen: 49.170 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

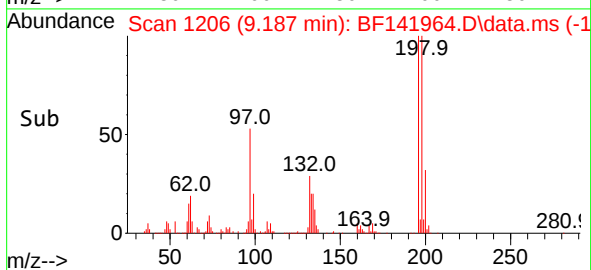
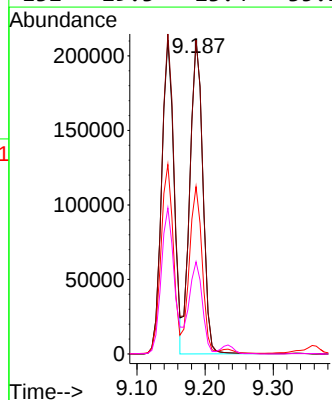
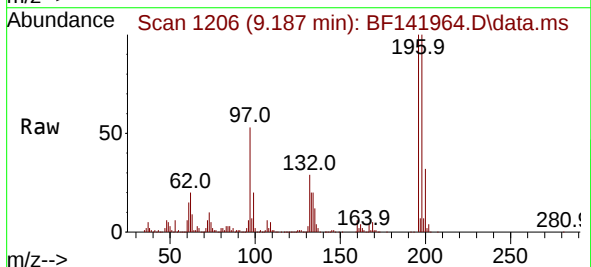
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSSD

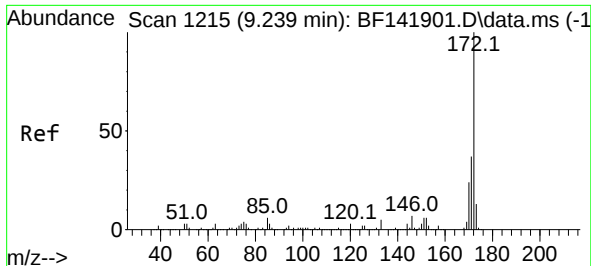
Tgt Ion:196 Resp: 264068
Ion Ratio Lower Upper
196 100
198 101.9 80.6 121.0
200 32.3 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 50.541 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion:196 Resp: 274906
Ion Ratio Lower Upper
196 100
198 99.7 80.7 121.1
97 53.2 42.1 63.1
132 29.3 23.4 35.2

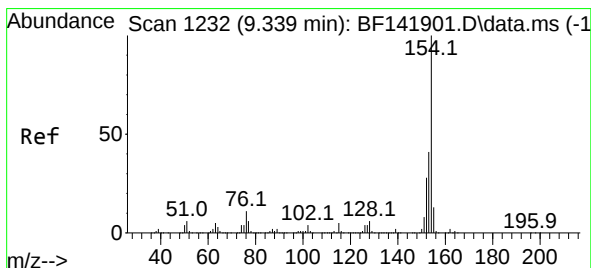
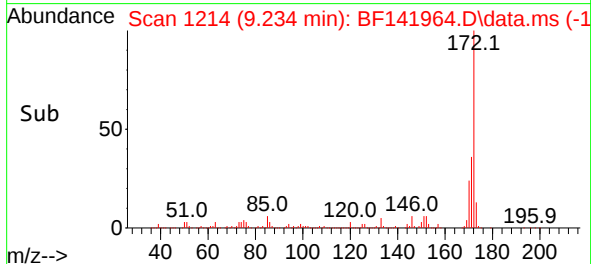
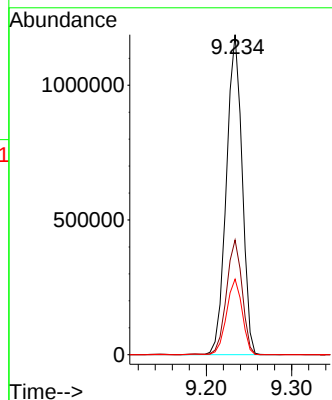
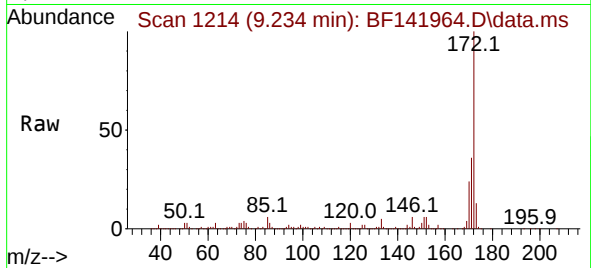




#45
2-Fluorobiphenyl
Concen: 85.765 ng
RT: 9.234 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

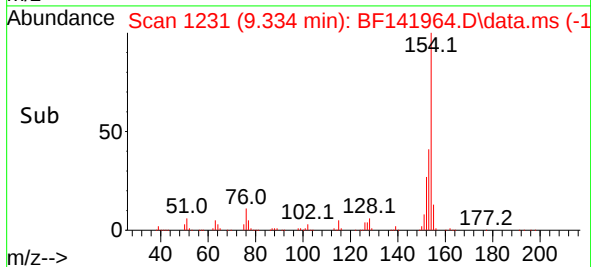
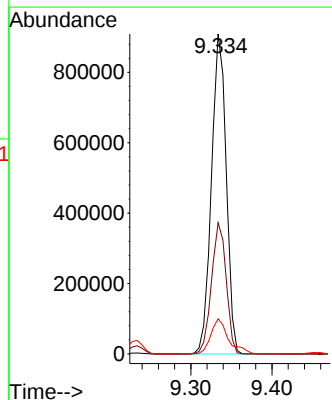
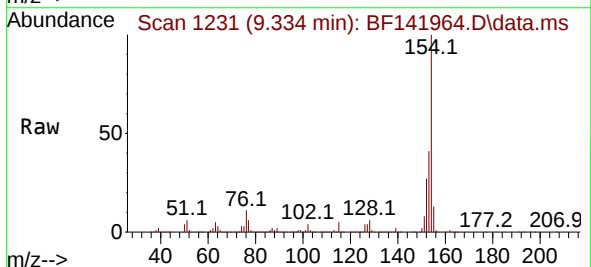
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

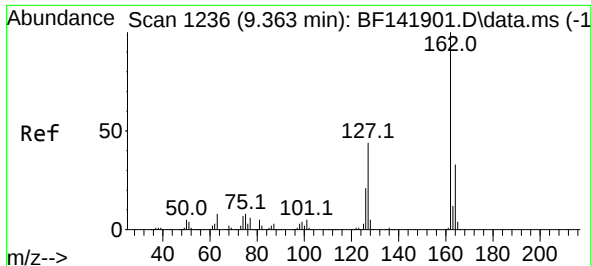
Tgt Ion:172 Resp: 1522109
Ion Ratio Lower Upper
172 100
171 35.8 29.3 43.9
170 23.6 19.4 29.0



#46
1,1'-Biphenyl
Concen: 55.850 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion:154 Resp: 1145370
Ion Ratio Lower Upper
154 100
153 41.0 21.1 61.1
76 11.0 0.0 31.3

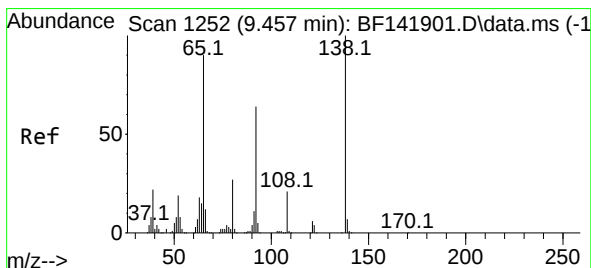
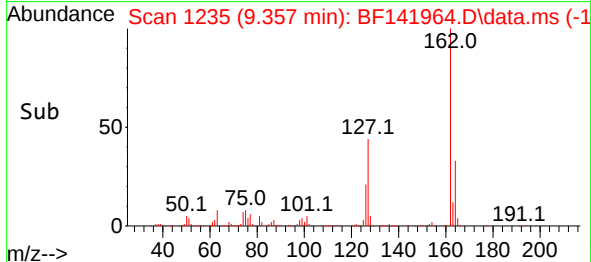
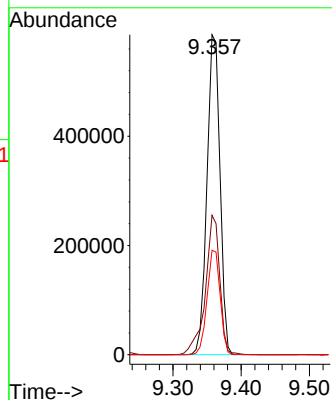
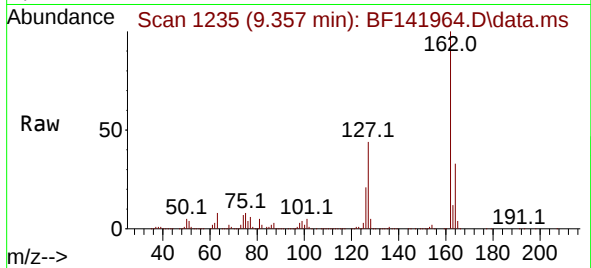




#47
2-Chloronaphthalene
Concen: 50.951 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

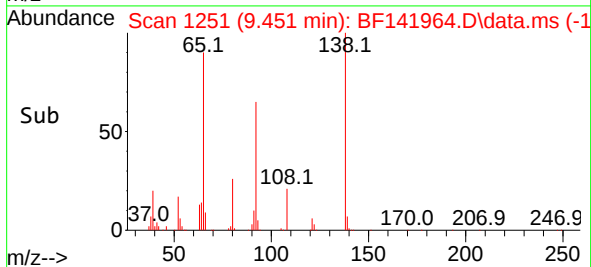
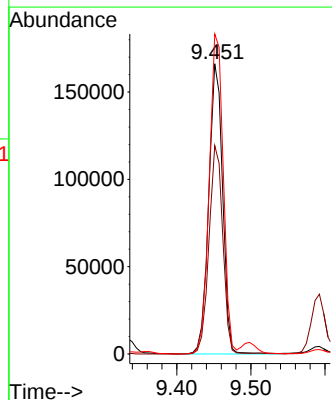
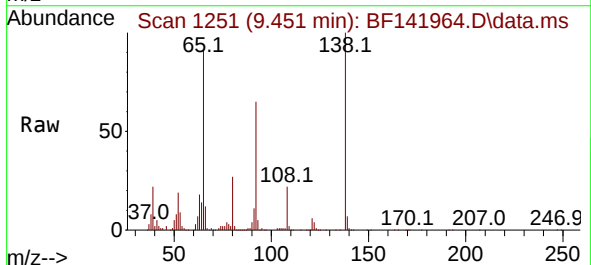
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

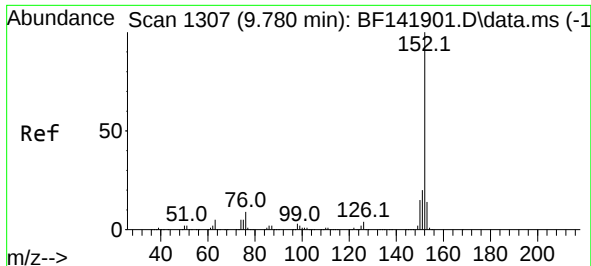
Tgt Ion:162 Resp: 778803
Ion Ratio Lower Upper
162 100
127 43.6 35.5 53.3
164 32.7 26.6 40.0



#48
2-Nitroaniline
Concen: 48.959 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion: 65 Resp: 216684
Ion Ratio Lower Upper
65 100
92 71.8 56.6 84.8
138 110.3 88.6 133.0





#49

Acenaphthylene

Concen: 52.637 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141964.D

Acq: 14 Mar 2025 14:39

Instrument :

BNA_F

ClientSampleId :

CTWK-COMPMSP

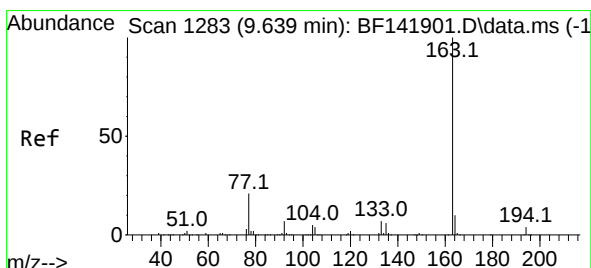
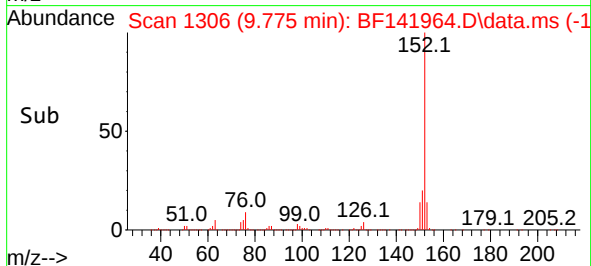
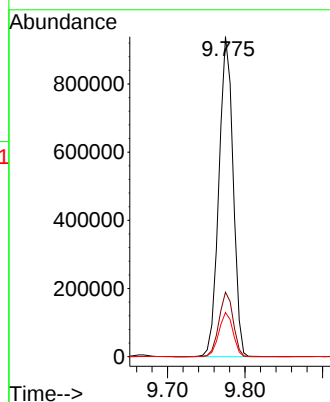
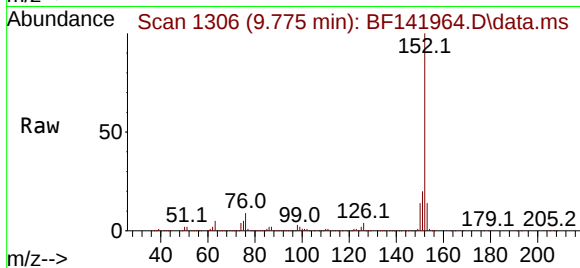
Tgt Ion:152 Resp: 1193971

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

153 13.8 11.1 16.7



#50

Dimethylphthalate

Concen: 48.042 ng

RT: 9.634 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF141964.D

Acq: 14 Mar 2025 14:39

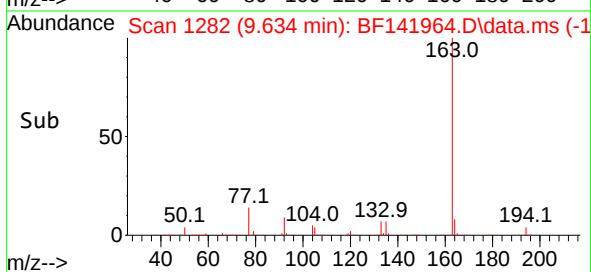
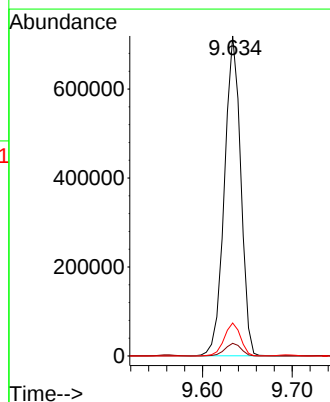
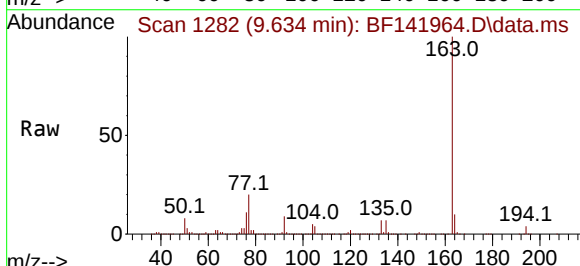
Tgt Ion:163 Resp: 908032

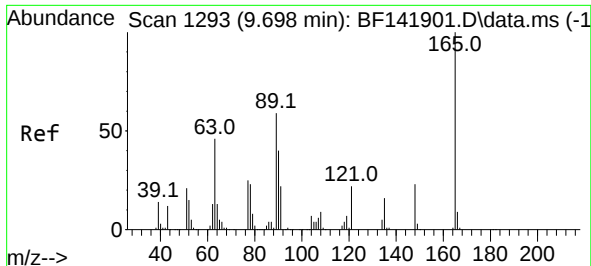
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.3 8.2 12.4

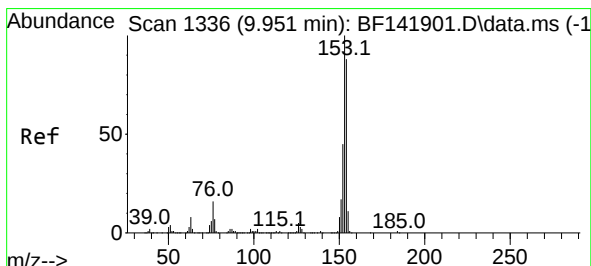
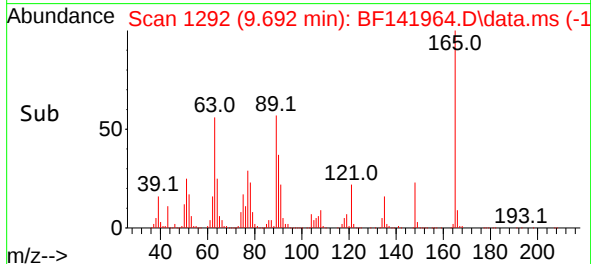
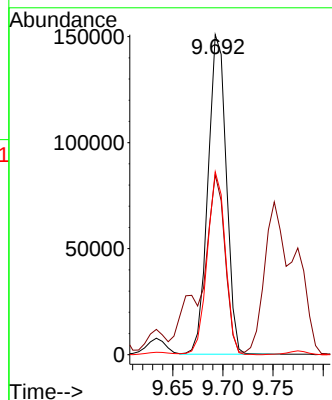
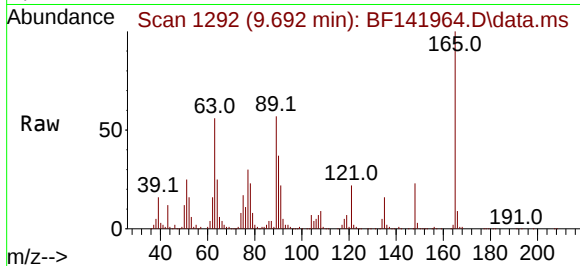




#51
2,6-Dinitrotoluene
Concen: 48.695 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

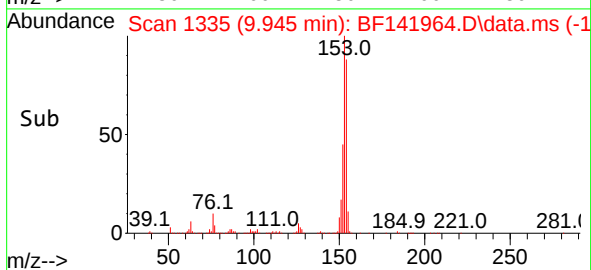
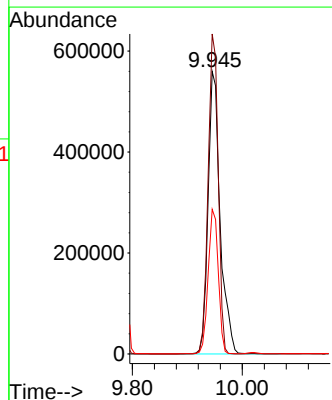
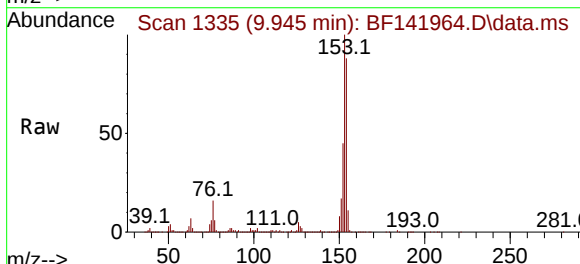
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

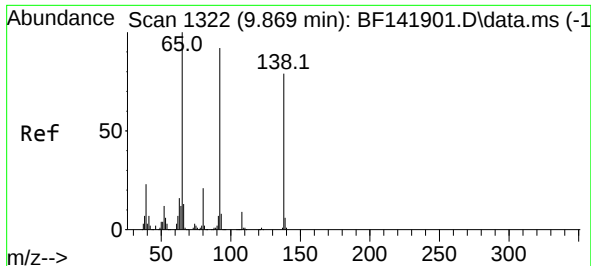
Tgt Ion:165 Resp: 191633
Ion Ratio Lower Upper
165 100
63 56.2 47.0 70.4
89 57.2 47.4 71.2



#52
Acenaphthene
Concen: 53.437 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion:154 Resp: 851814
Ion Ratio Lower Upper
154 100
153 113.3 90.7 136.1
152 51.2 41.1 61.7

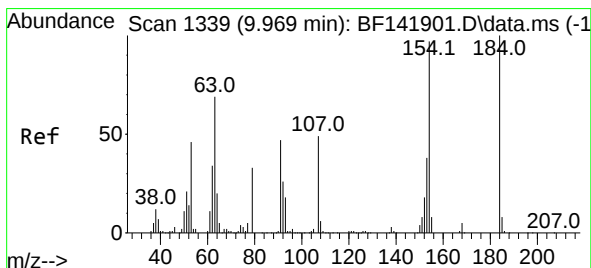
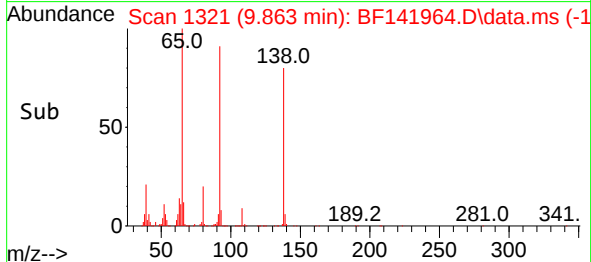
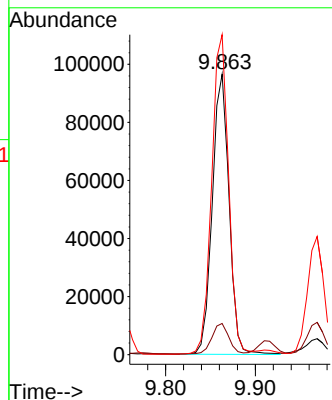
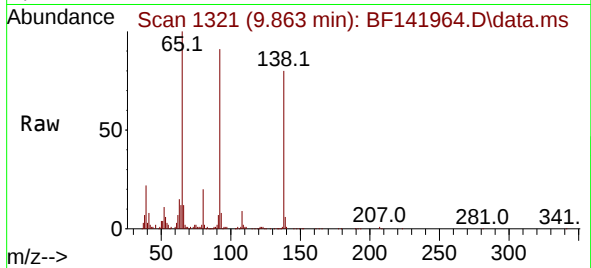




#53
3-Nitroaniline
Concen: 31.373 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

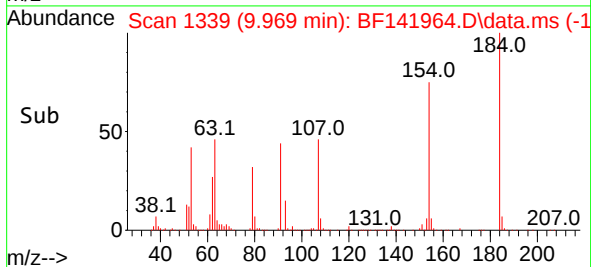
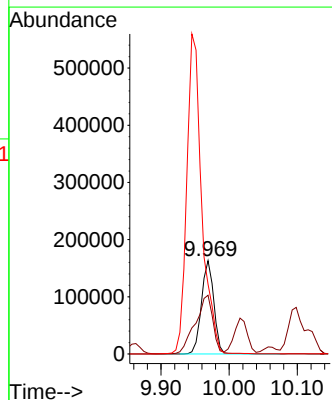
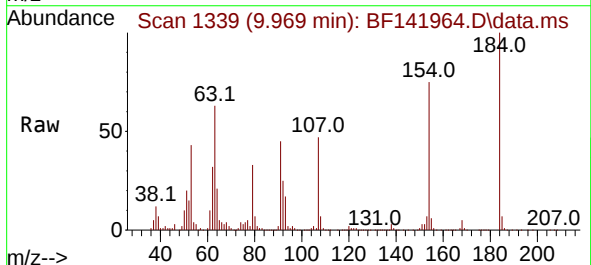
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

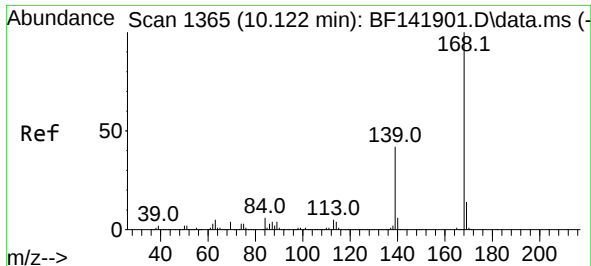
Tgt Ion:138 Resp: 125238
Ion Ratio Lower Upper
138 100
108 11.2 9.3 13.9
92 114.1 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 91.509 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion:184 Resp: 206913
Ion Ratio Lower Upper
184 100
63 62.9 60.2 90.4
154 74.7 132.9 199.3#

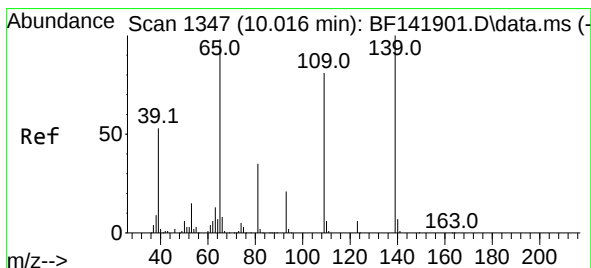
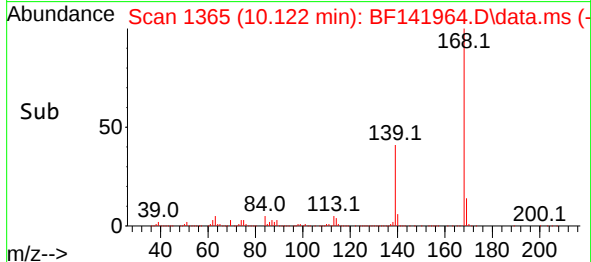
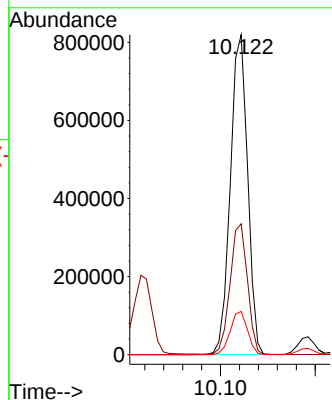
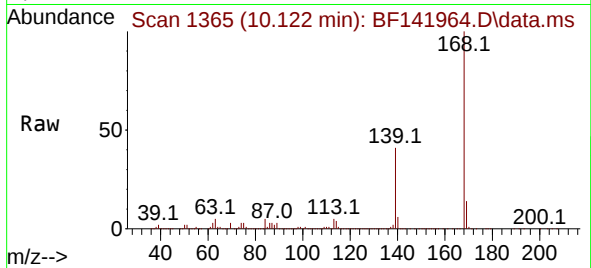




#55
Dibenzofuran
Concen: 45.622 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

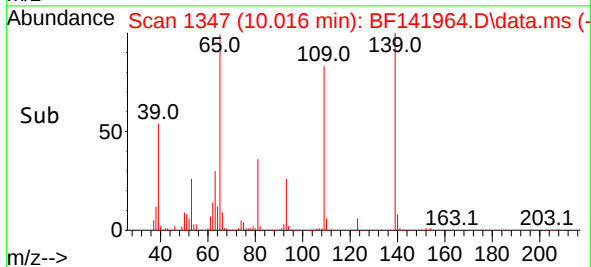
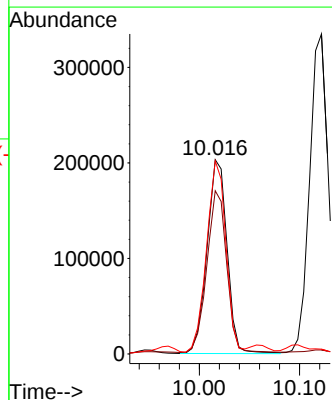
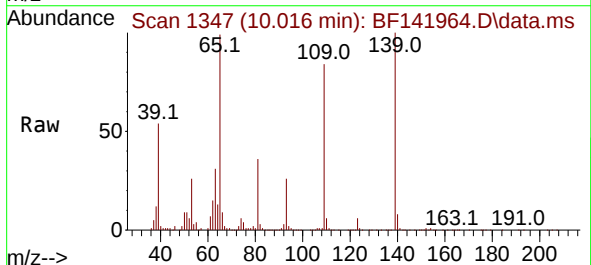
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

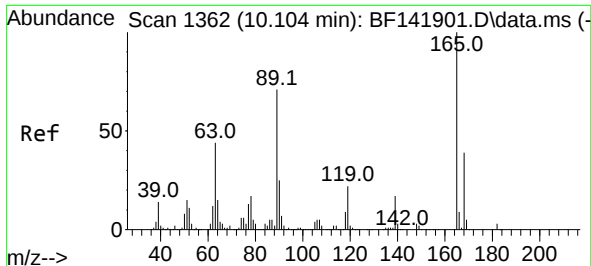
Tgt Ion:168 Resp: 1039143
Ion Ratio Lower Upper
168 100
139 40.9 33.9 50.9
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 93.698 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion:139 Resp: 282066
Ion Ratio Lower Upper
139 100
109 84.1 61.6 101.6
65 99.5 79.4 119.4

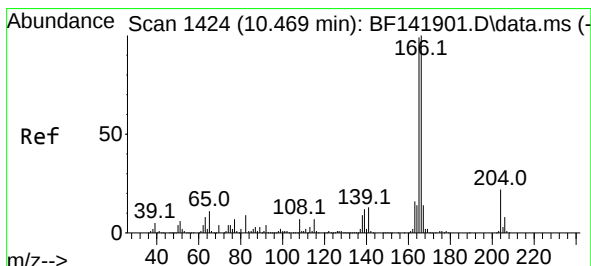
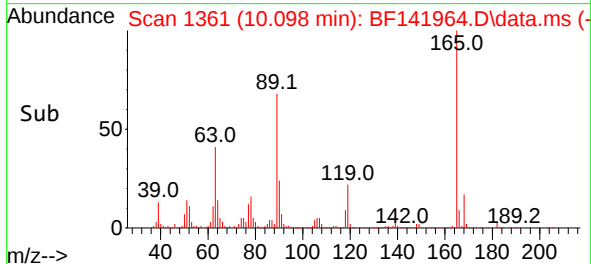
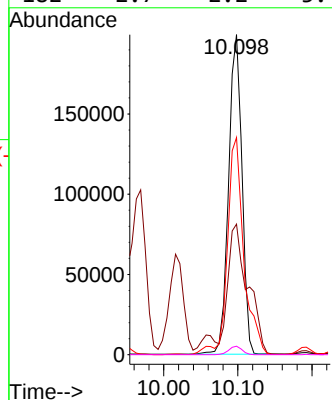
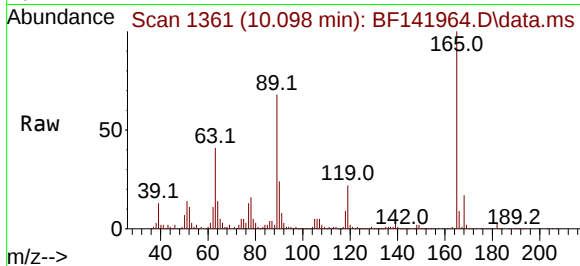




#57
2,4-Dinitrotoluene
Concen: 48.550 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

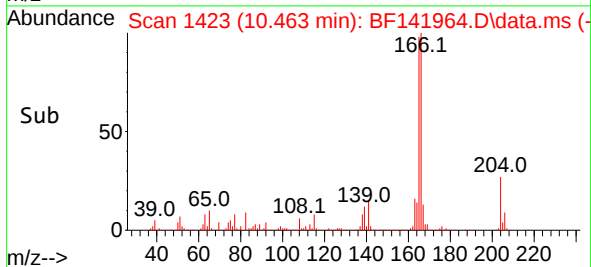
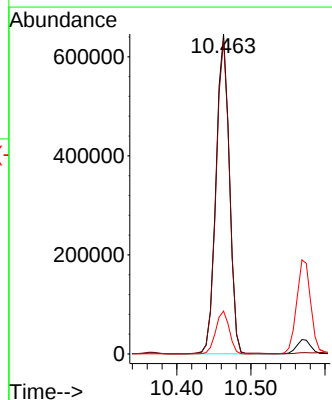
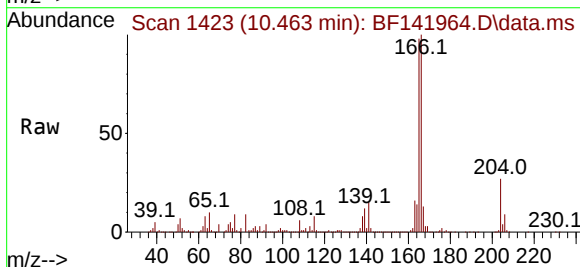
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

Tgt Ion:165 Resp: 249543
Ion Ratio Lower Upper
165 100
63 40.8 35.4 53.2
89 67.9 56.6 84.8
182 2.7 2.2 3.4



#58
Fluorene
Concen: 45.875 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion:166 Resp: 805800
Ion Ratio Lower Upper
166 100
165 98.1 79.0 118.4
167 13.4 11.0 16.4

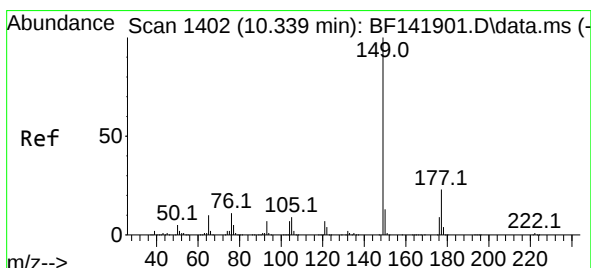
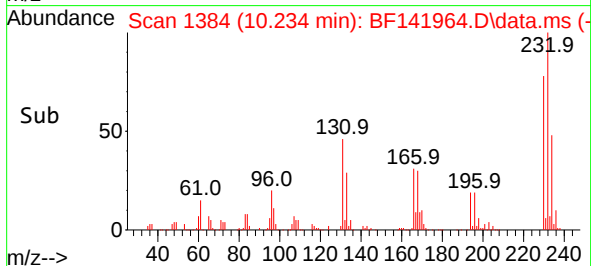
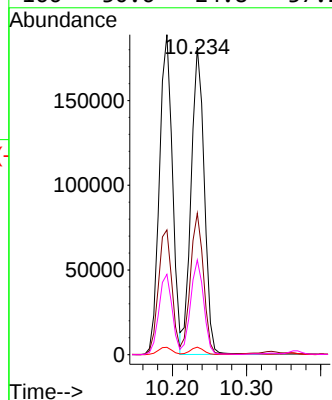
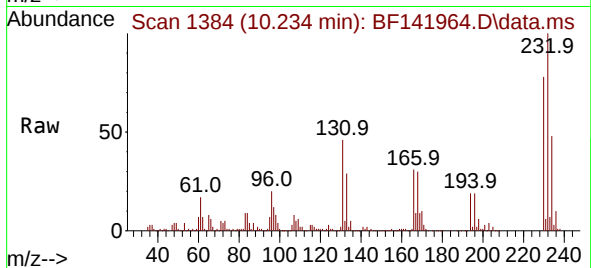




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.178 ng
RT: 10.234 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

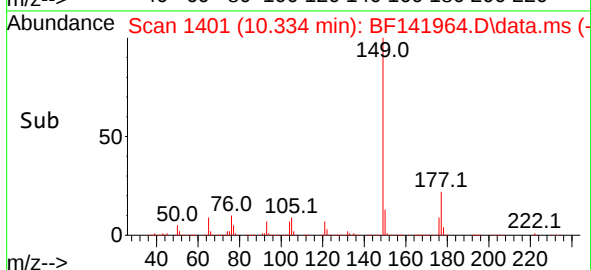
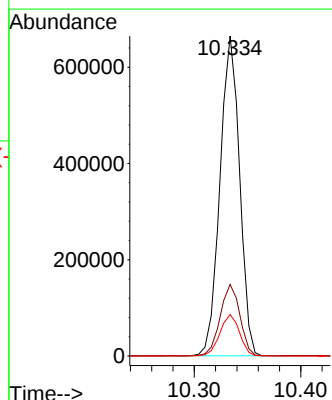
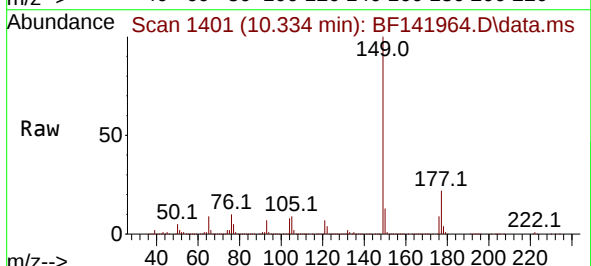
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

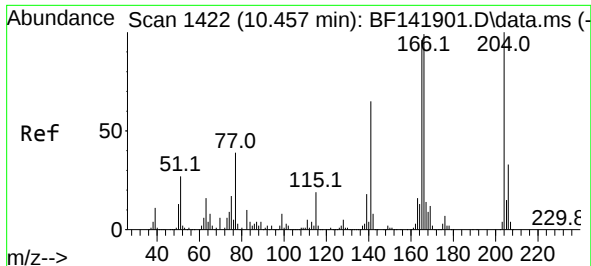
Tgt Ion:232 Resp: 223608
Ion Ratio Lower Upper
232 100
131 45.7 37.3 55.9
130 2.4 1.9 2.9
166 30.6 24.8 37.2



#60
Diethylphthalate
Concen: 45.024 ng
RT: 10.334 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion:149 Resp: 848552
Ion Ratio Lower Upper
149 100
177 22.4 18.0 27.0
150 12.9 10.2 15.4

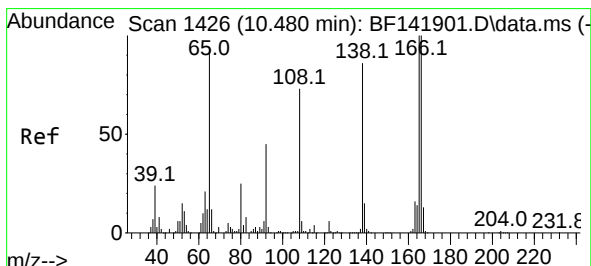
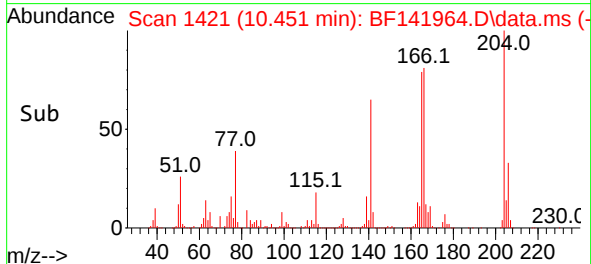
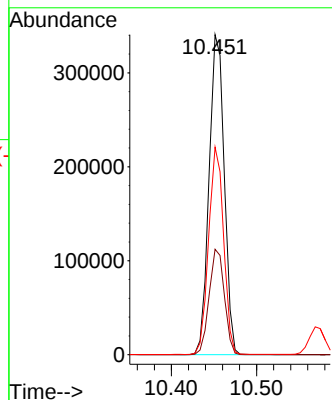
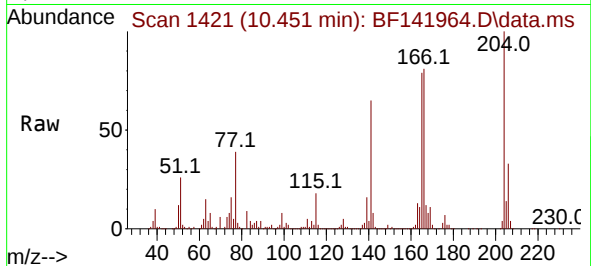




#61
4-Chlorophenyl-phenylether
Concen: 46.116 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

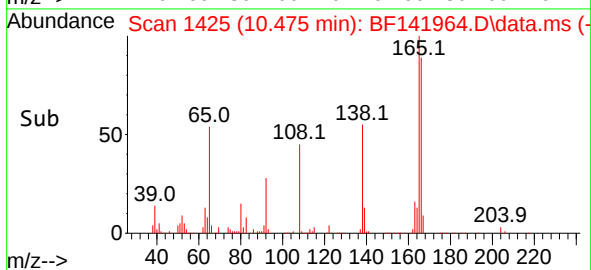
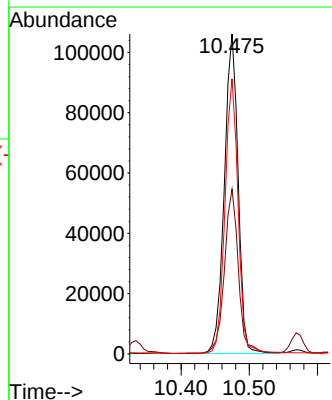
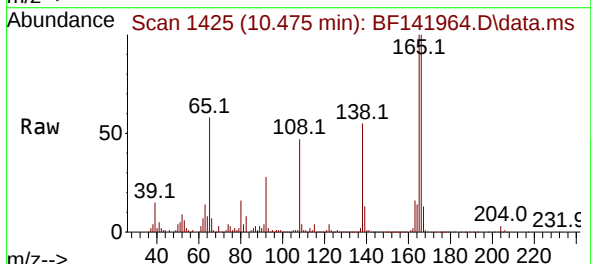
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

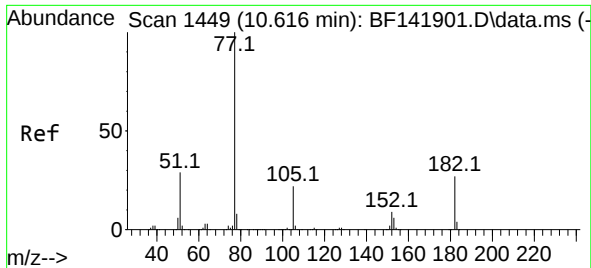
Tgt Ion:204 Resp: 422310
Ion Ratio Lower Upper
204 100
206 33.0 26.8 40.2
141 64.9 52.4 78.6



#62
4-Nitroaniline
Concen: 38.335 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion:138 Resp: 148983
Ion Ratio Lower Upper
138 100
92 51.5 32.6 72.6
108 86.0 65.0 105.0

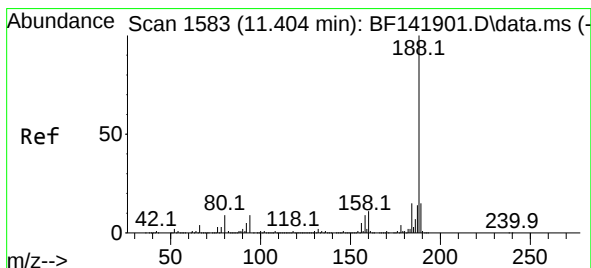
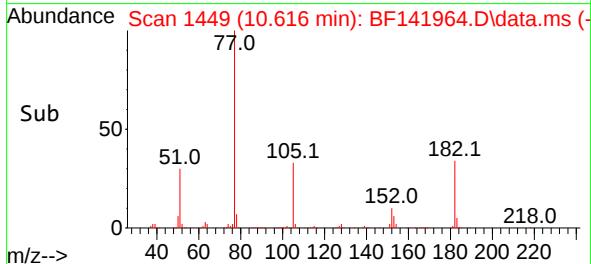
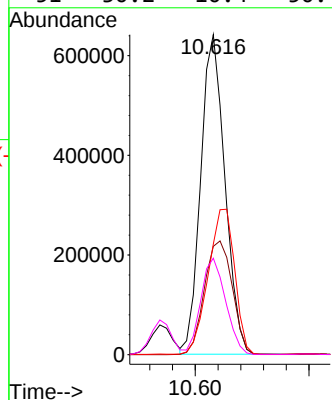
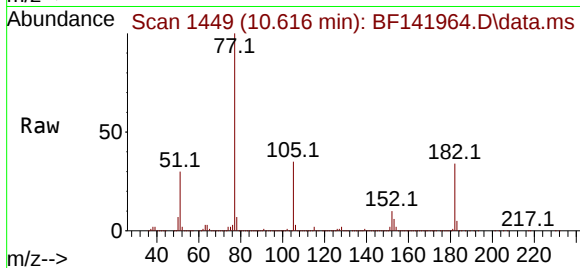




#63
Azobenzene
Concen: 54.245 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

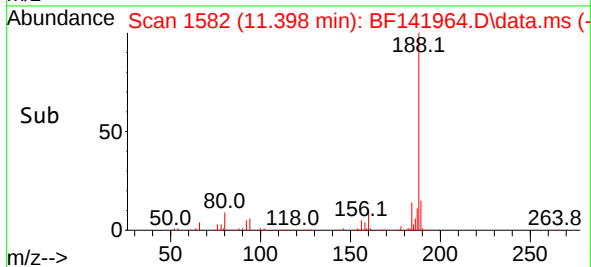
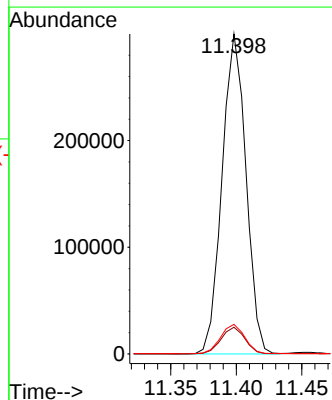
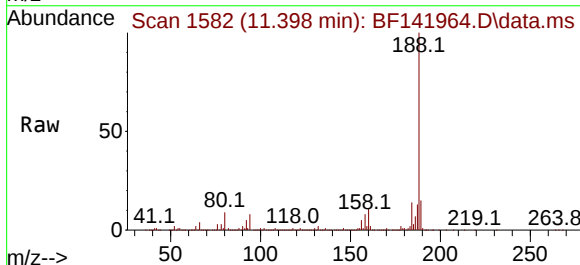
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

Tgt Ion:	77	Resp:	950477
Ion	Ratio	Lower	Upper
77	100		
182	33.9	6.6	46.6
105	34.5	1.3	41.3
51	30.2	10.4	50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion:	188	Resp:	380040
Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.8	10.2
80	9.2	7.6	11.4

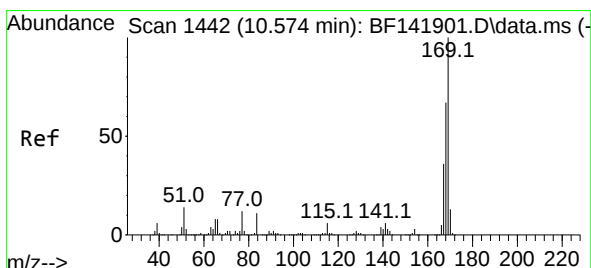
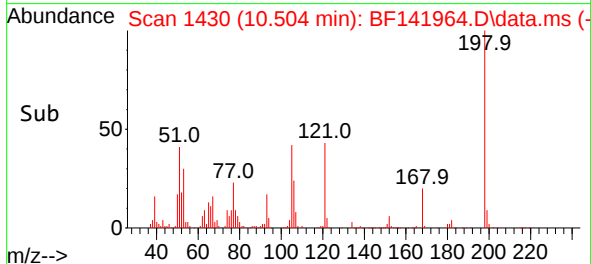
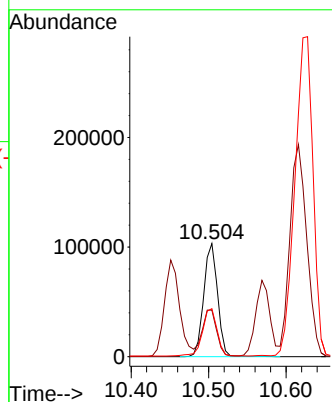
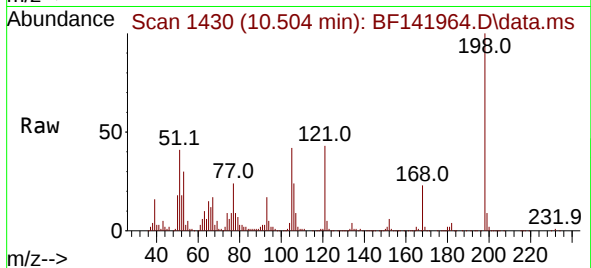




#65
4,6-Dinitro-2-methylphenol
Concen: 56.444 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

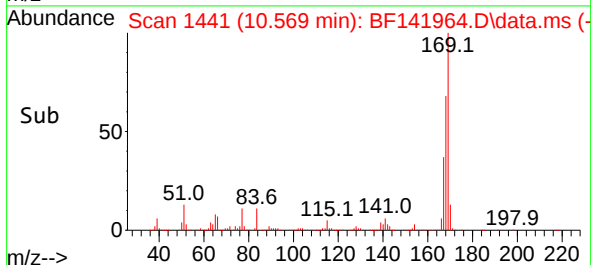
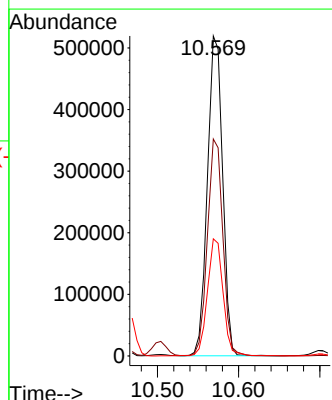
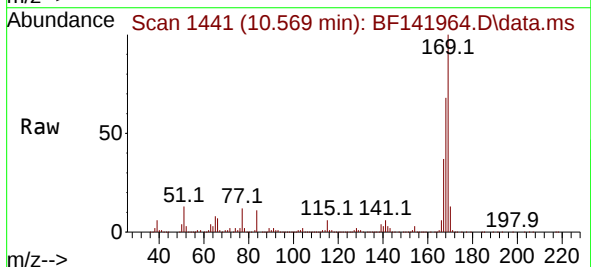
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

Tgt Ion:198 Resp: 127879
Ion Ratio Lower Upper
198 100
51 41.2 22.3 62.3
105 42.4 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 54.861 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion:169 Resp: 674701
Ion Ratio Lower Upper
169 100
168 67.8 53.7 80.5
167 36.6 29.2 43.8

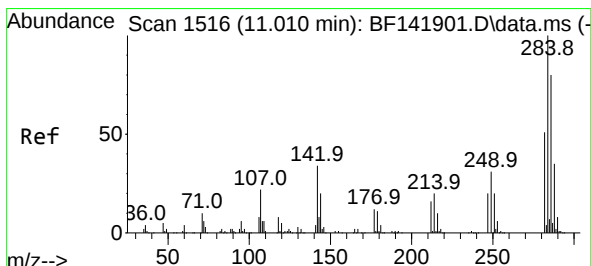
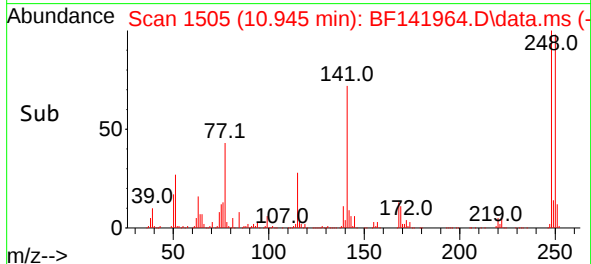
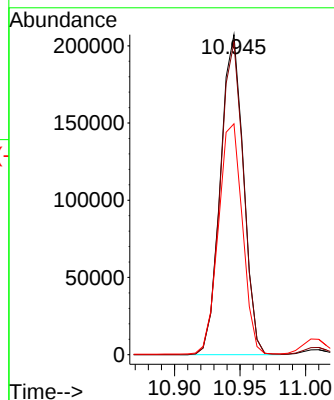
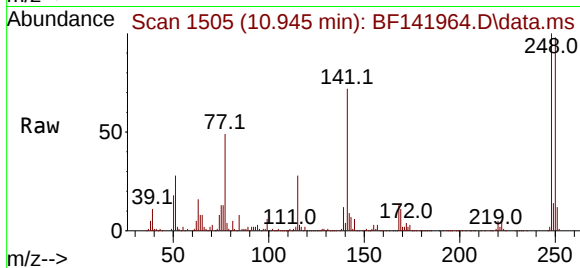




#67
4-Bromophenyl-phenylether
Concen: 53.082 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

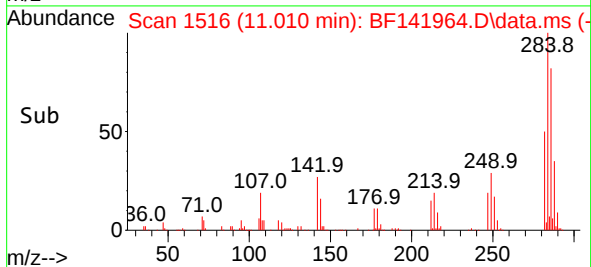
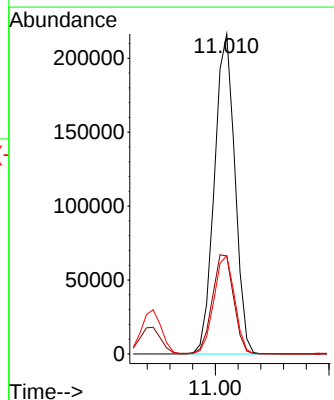
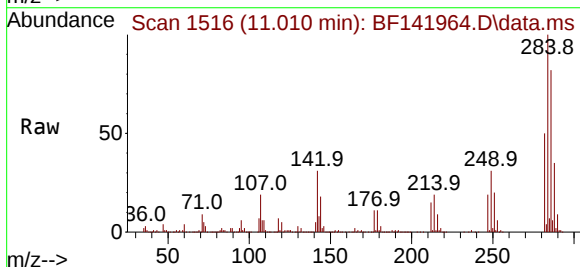
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

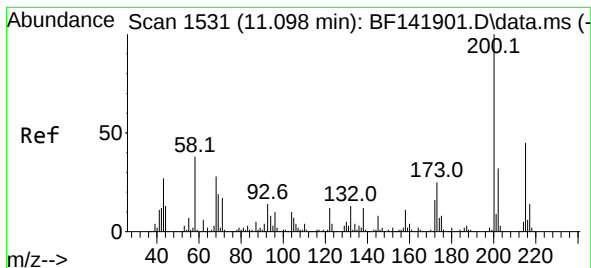
Tgt Ion:248 Resp: 253351
Ion Ratio Lower Upper
248 100
250 97.6 77.8 116.8
141 72.2 62.6 93.8



#68
Hexachlorobenzene
Concen: 51.718 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion:284 Resp: 270731
Ion Ratio Lower Upper
284 100
142 30.6 27.0 40.6
249 30.7 25.2 37.8





#69

Atrazine

Concen: 64.008 ng

RT: 11.098 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141964.D

Acq: 14 Mar 2025 14:39

Instrument :

BNA_F

ClientSampleId :

CTWK-COMPMSD

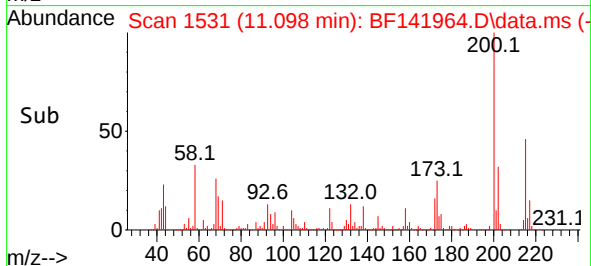
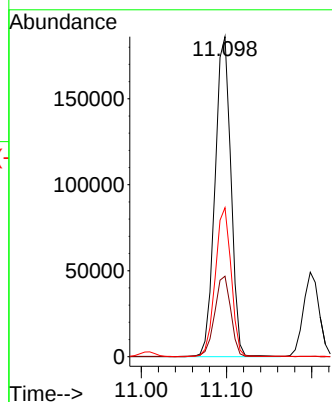
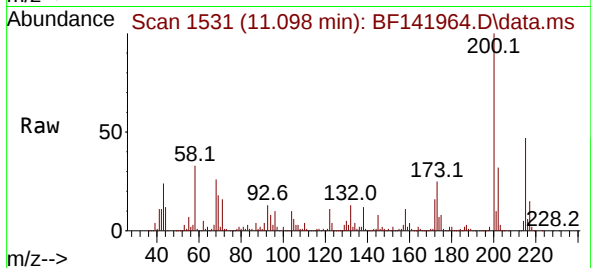
Tgt Ion:200 Resp: 241320

Ion Ratio Lower Upper

200 100

173 25.2 4.7 44.7

215 46.6 25.4 65.4



#70

Pentachlorophenol

Concen: 101.881 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF141964.D

Acq: 14 Mar 2025 14:39

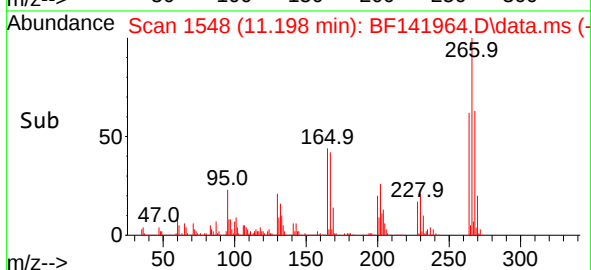
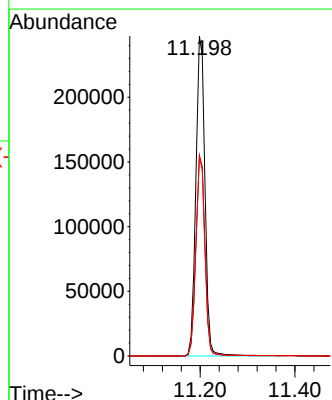
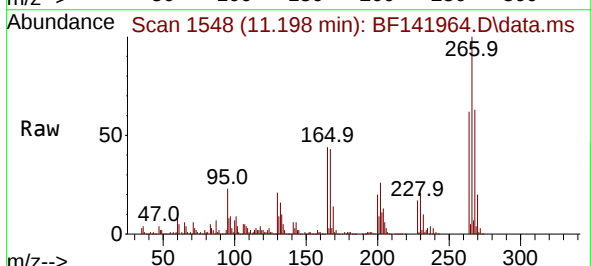
Tgt Ion:266 Resp: 328593

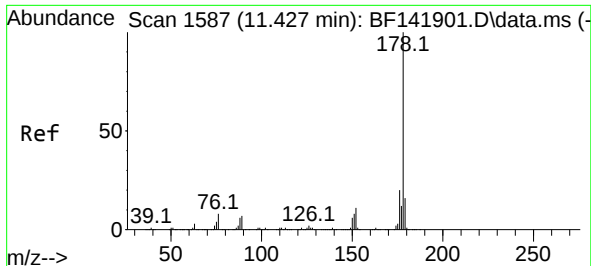
Ion Ratio Lower Upper

266 100

268 62.7 51.0 76.6

264 62.4 50.2 75.2

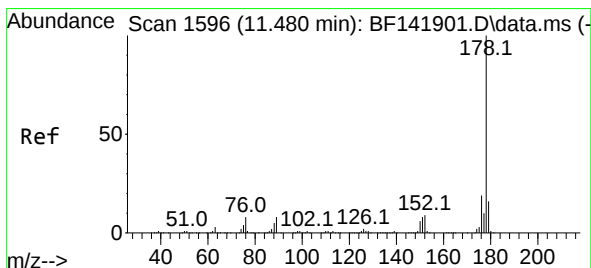
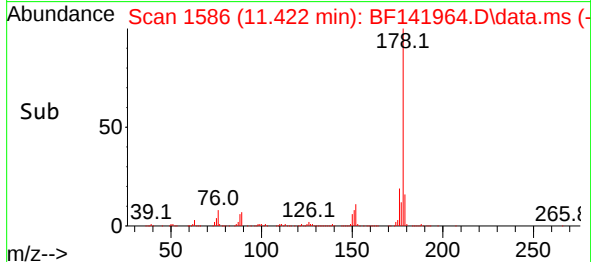
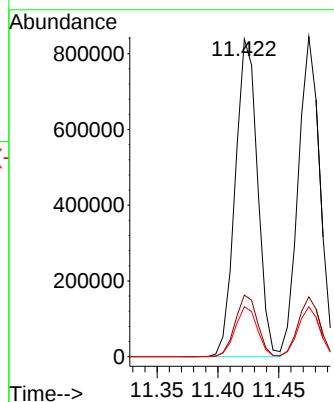
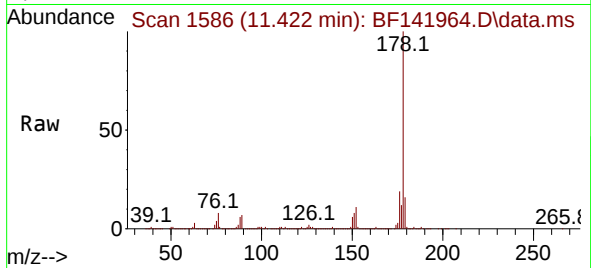




#71
Phenanthrene
Concen: 52.004 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

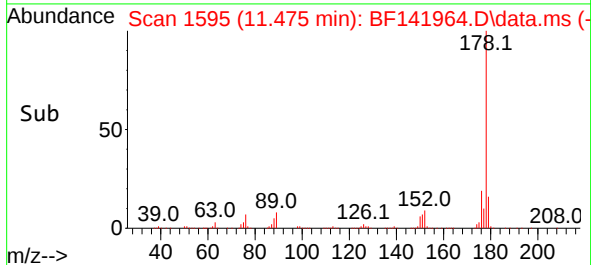
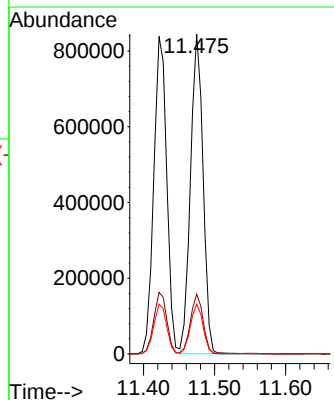
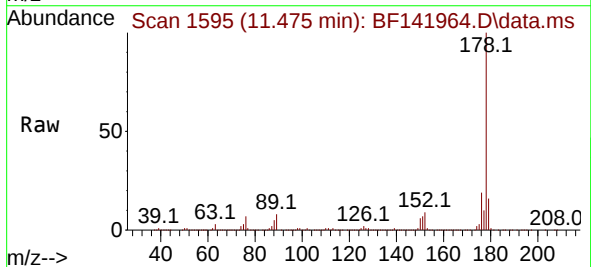
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

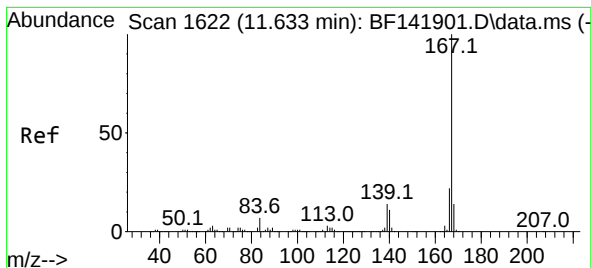
Tgt Ion:178 Resp: 1067500
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.7 12.6 19.0



#72
Anthracene
Concen: 50.447 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion:178 Resp: 1038919
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.6 12.6 19.0





#73

Carbazole

Concen: 46.824 ng

RT: 11.628 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141964.D

Acq: 14 Mar 2025 14:39

Instrument :

BNA_F

ClientSampleId :

CTWK-COMPMSSD

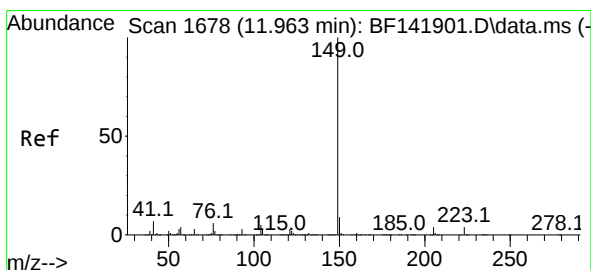
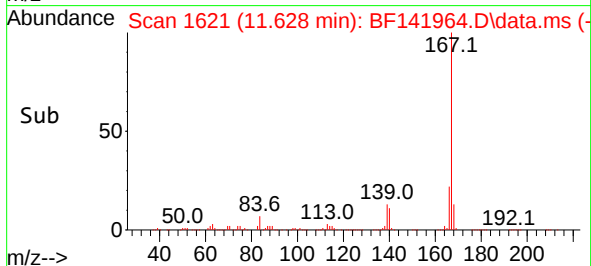
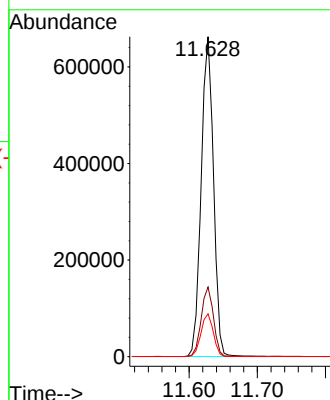
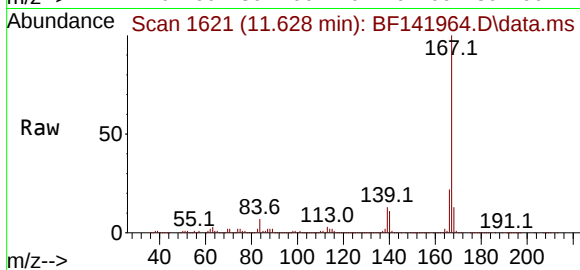
Tgt Ion:167 Resp: 831620

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 13.4 11.0 16.6



#74

Di-n-butylphthalate

Concen: 46.277 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BF141964.D

Acq: 14 Mar 2025 14:39

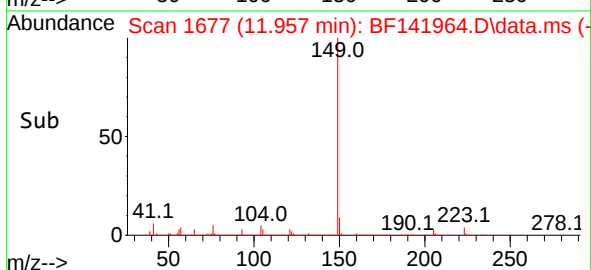
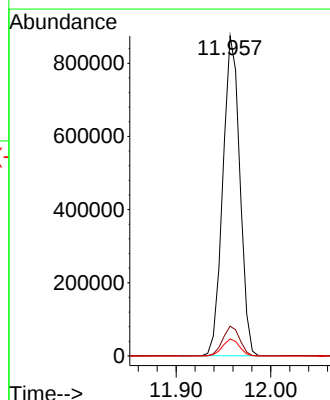
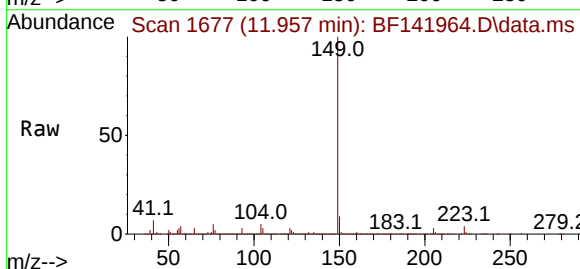
Tgt Ion:149 Resp: 1090587

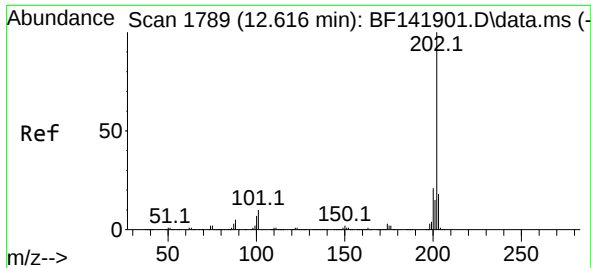
Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

104 5.3 4.4 6.6

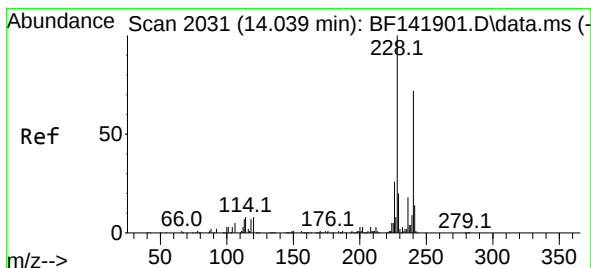
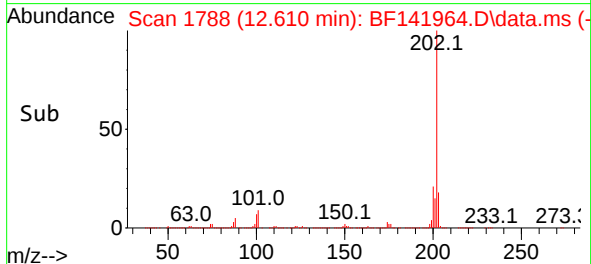
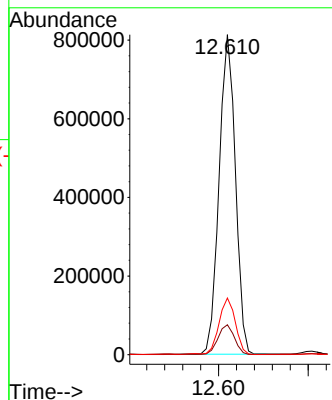
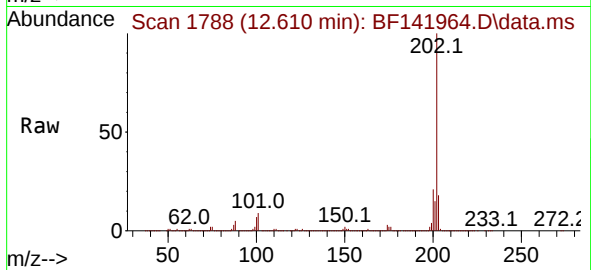




#75
Fluoranthene
Concen: 47.014 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

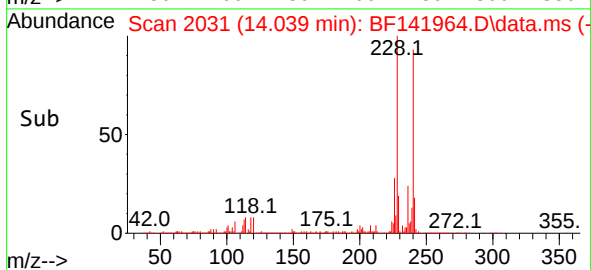
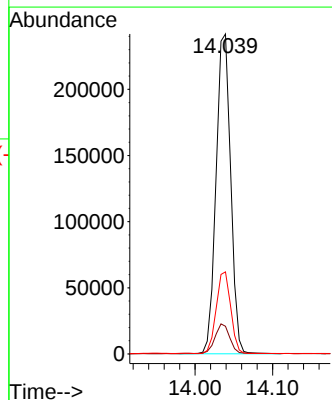
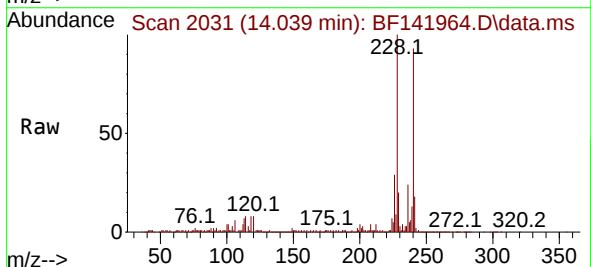
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSP

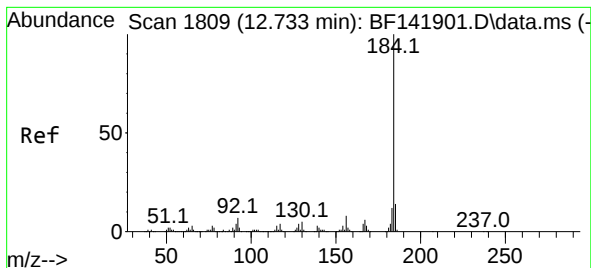
Tgt Ion:202 Resp: 1023702
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion:240 Resp: 315934
Ion Ratio Lower Upper
240 100
120 8.7 8.4 12.6
236 25.6 20.5 30.7





#77

Benzidine

Concen: 76.416 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF141964.D

Acq: 14 Mar 2025 14:39

Instrument :

BNA_F

ClientSampleId :

CTWK-COMPMSD

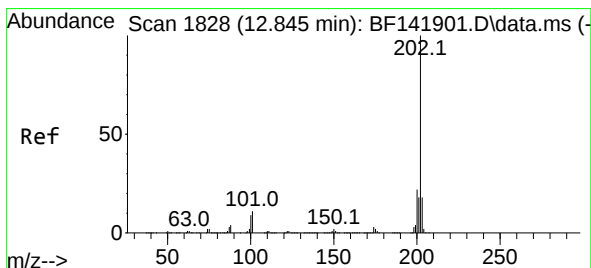
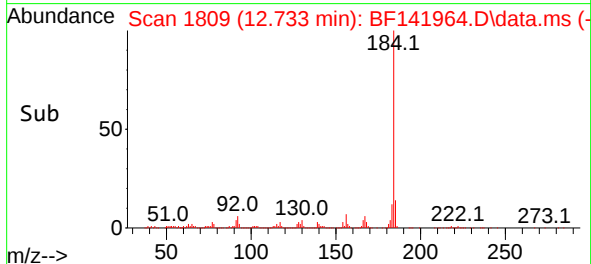
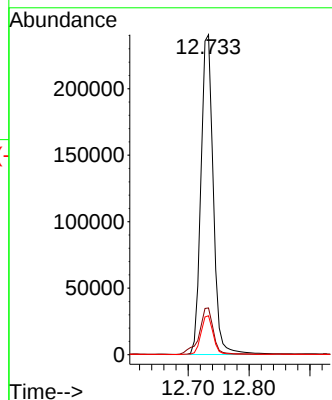
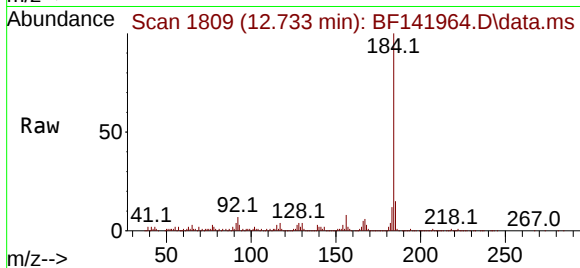
Tgt Ion:184 Resp: 336833

Ion Ratio Lower Upper

184 100

185 14.6 11.5 17.3

183 12.1 9.7 14.5



#78

Pyrene

Concen: 39.880 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF141964.D

Acq: 14 Mar 2025 14:39

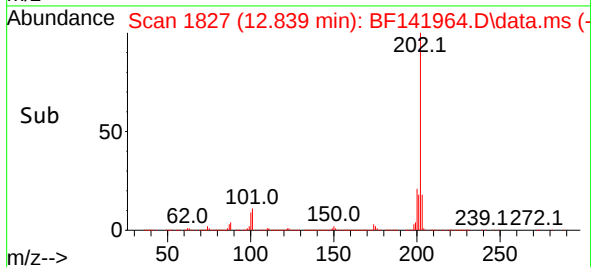
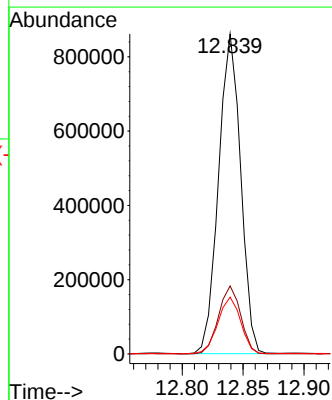
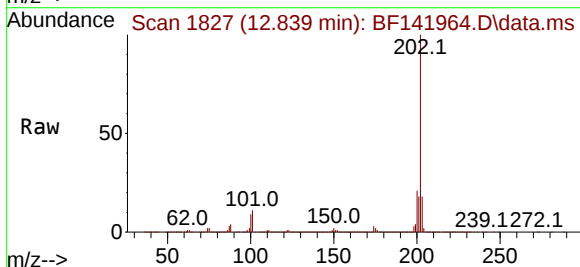
Tgt Ion:202 Resp: 1089866

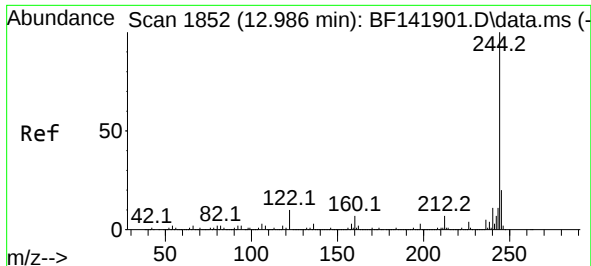
Ion Ratio Lower Upper

202 100

200 21.3 17.3 25.9

203 17.8 14.4 21.6

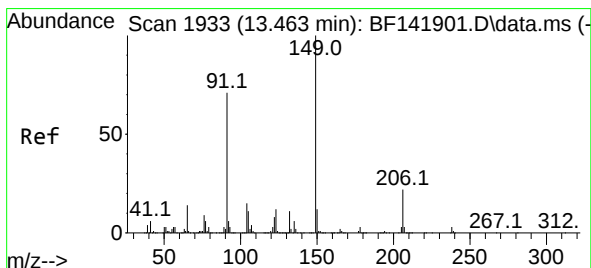
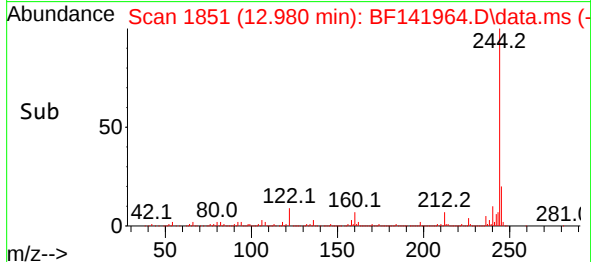
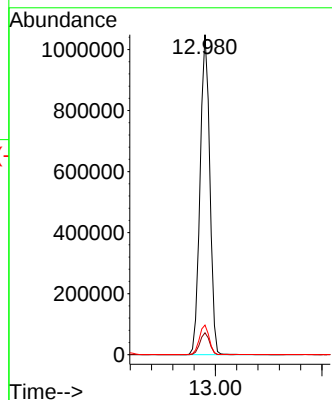
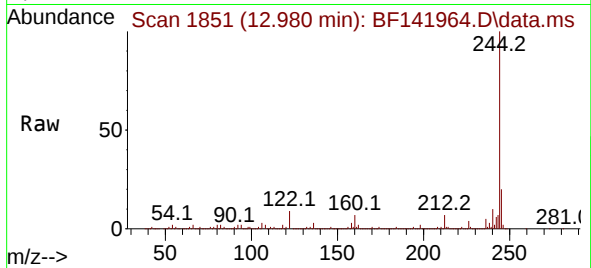




#79
 Terphenyl-d14
 Concen: 61.839 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF141964.D
 Acq: 14 Mar 2025 14:39

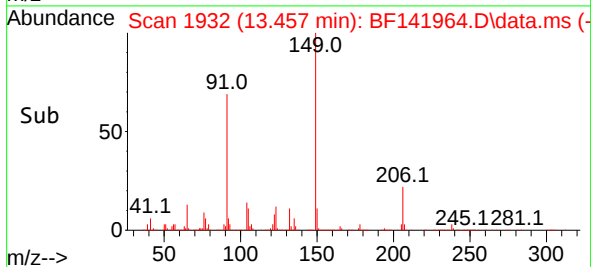
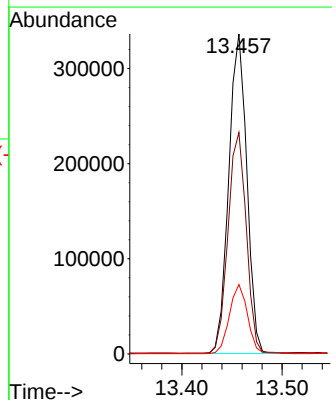
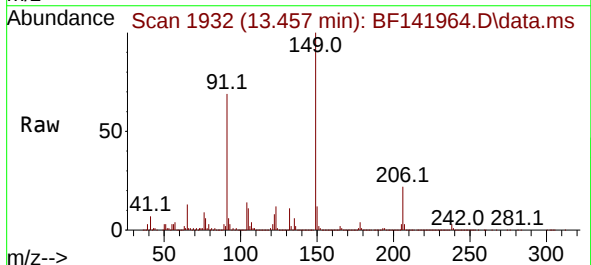
Instrument :
 BNA_F
 ClientSampleId :
 CTWK-COMPMSD

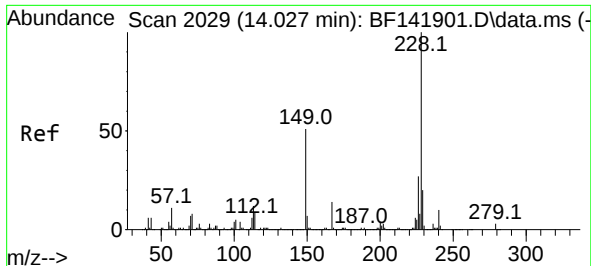
Tgt Ion:244 Resp: 1321456
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 9.3 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 39.282 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF141964.D
 Acq: 14 Mar 2025 14:39

Tgt Ion:149 Resp: 420185
 Ion Ratio Lower Upper
 149 100
 91 69.2 56.5 84.7
 206 21.7 17.3 25.9

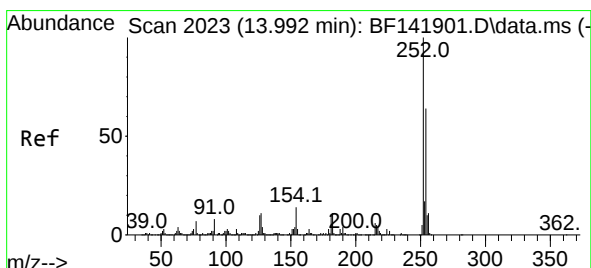
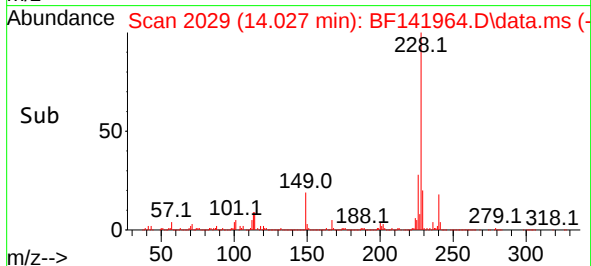
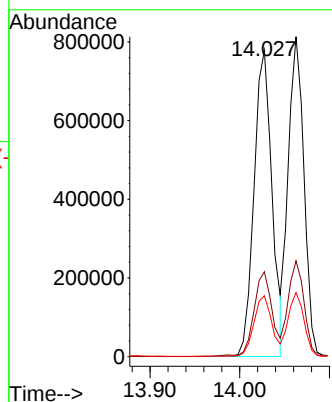
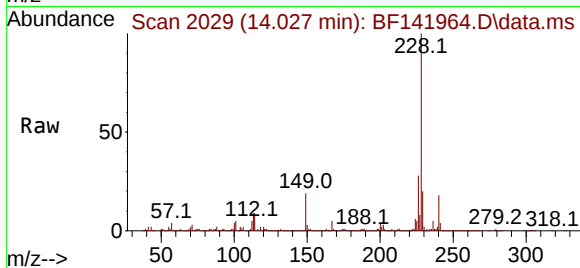




#81
Benzo(a)anthracene
Concen: 52.231 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

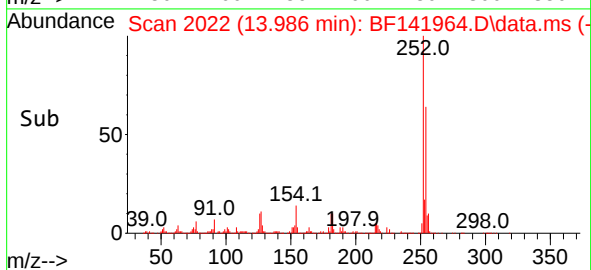
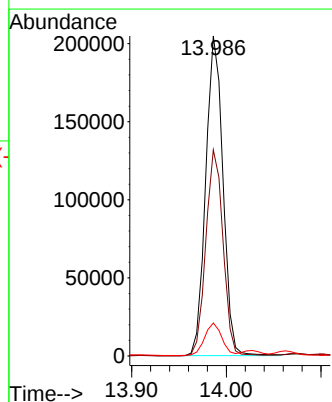
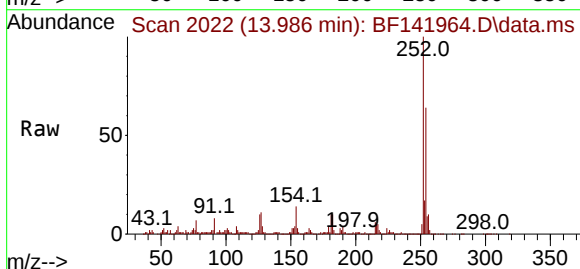
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

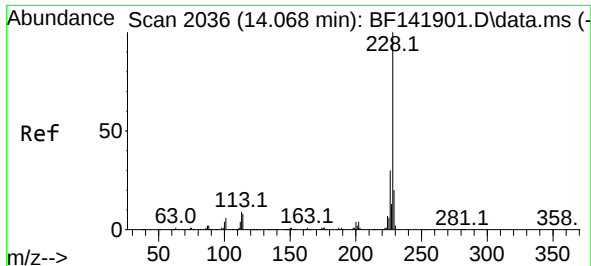
Tgt Ion:228 Resp: 1082847
Ion Ratio Lower Upper
228 100
226 27.7 21.8 32.8
229 19.9 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 43.233 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion:252 Resp: 259017
Ion Ratio Lower Upper
252 100
254 64.4 51.0 76.6
126 10.3 8.4 12.6

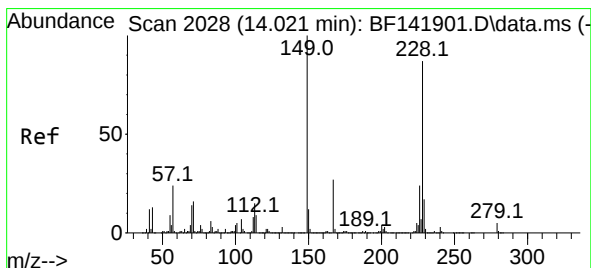
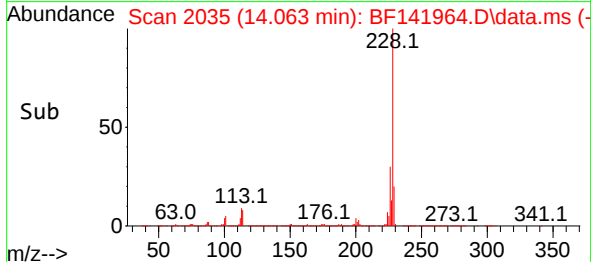
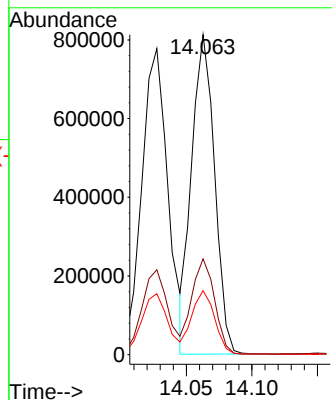
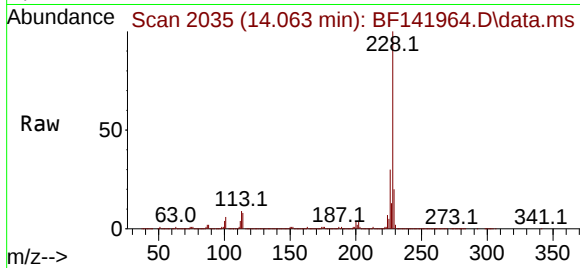




#83
Chrysene
Concen: 52.524 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

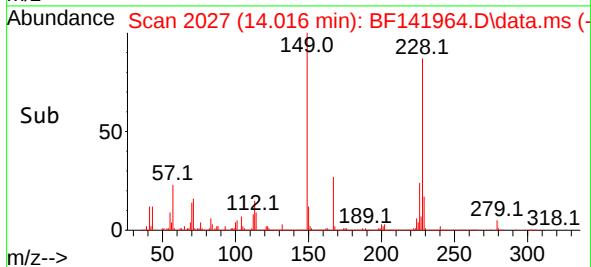
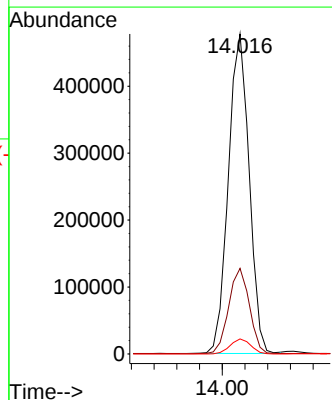
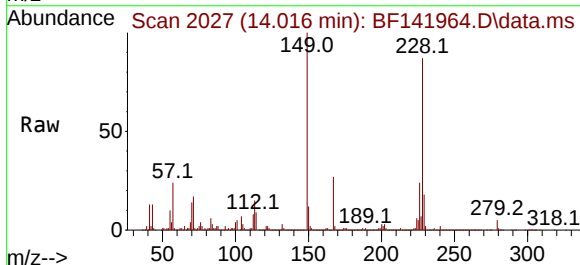
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

Tgt Ion:228 Resp: 987064
Ion Ratio Lower Upper
228 100
226 29.9 24.1 36.1
229 20.0 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.188 ng
RT: 14.016 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion:149 Resp: 607446
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.0
279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 53.480 ng

RT: 14.627 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BF141964.D

Acq: 14 Mar 2025 14:39

Instrument :

BNA_F

ClientSampleId :

CTWK-COMPMSD

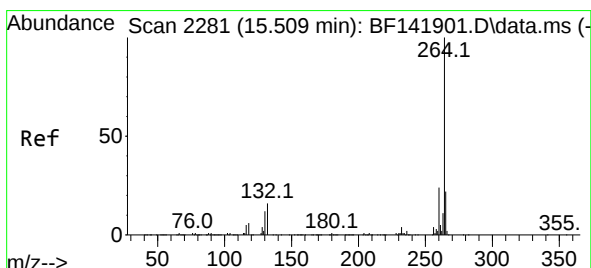
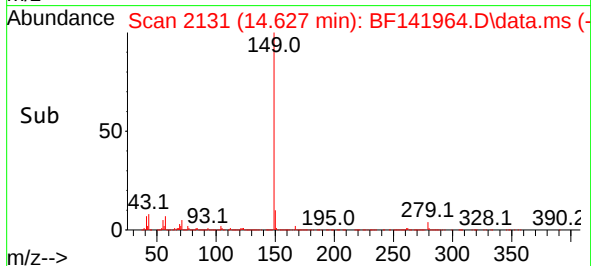
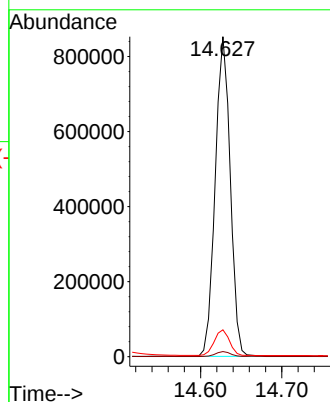
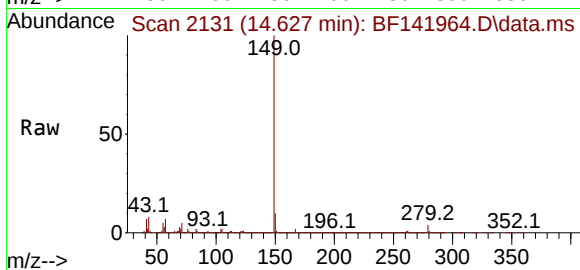
Tgt Ion:149 Resp: 1097447

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.3 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF141964.D

Acq: 14 Mar 2025 14:39

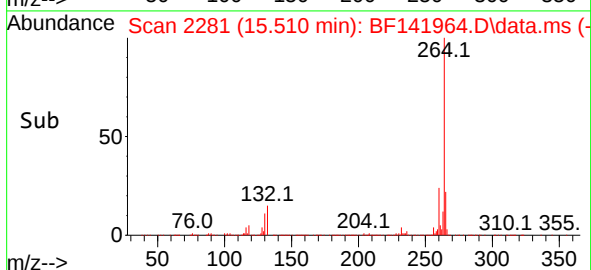
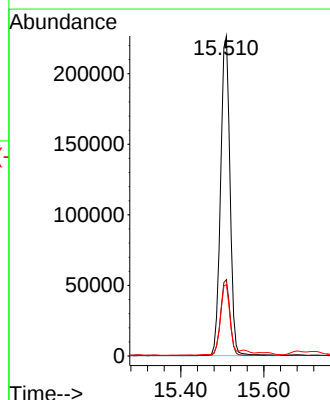
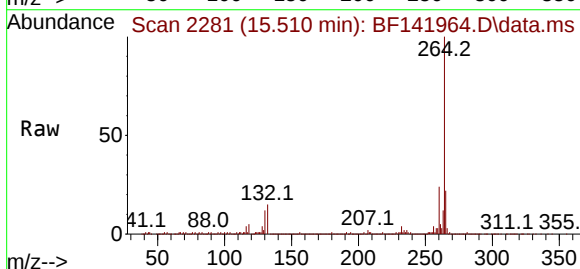
Tgt Ion:264 Resp: 355035

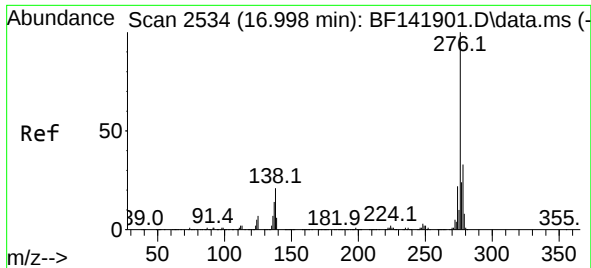
Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 22.3 17.5 26.3

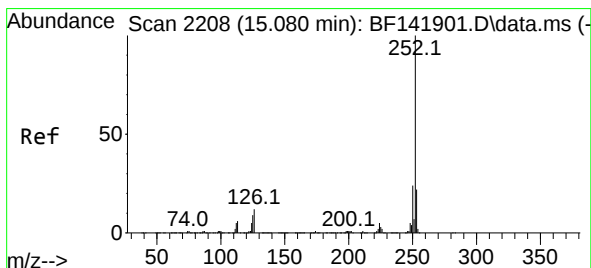
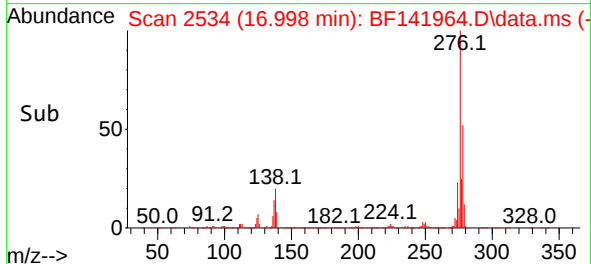
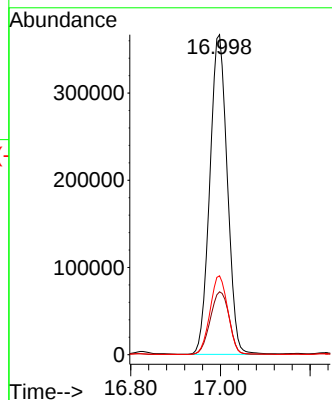
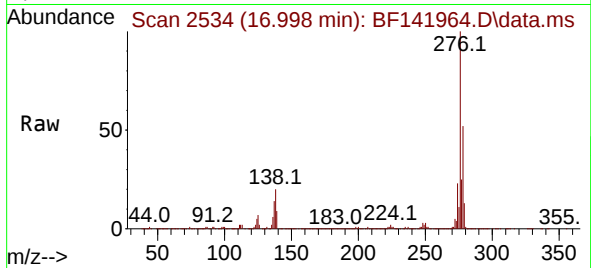




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.065 ng
 RT: 16.998 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF141964.D
 Acq: 14 Mar 2025 14:39

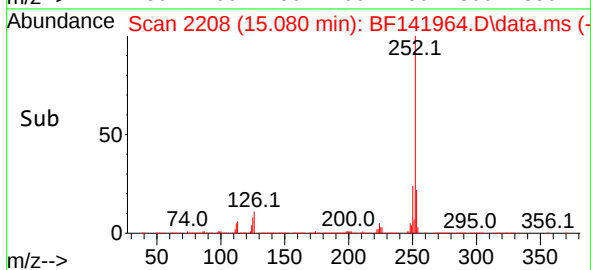
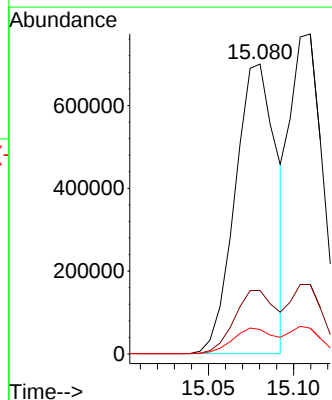
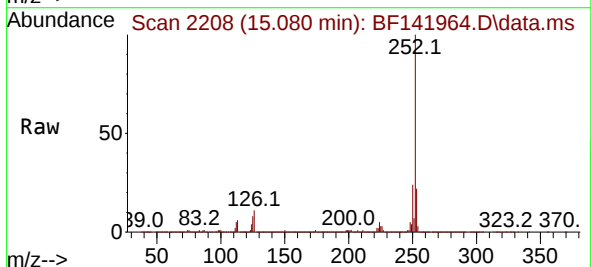
Instrument :
 BNA_F
 ClientSampleId :
 CTWK-COMPMSD

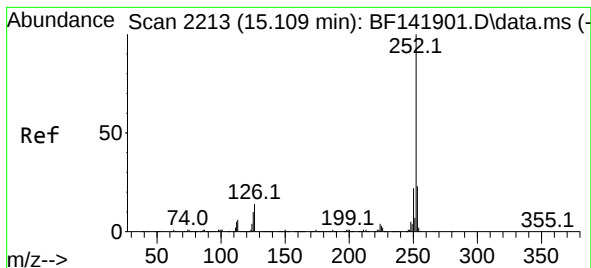
Tgt Ion:276 Resp: 989052
 Ion Ratio Lower Upper
 276 100
 138 21.3 18.4 27.6
 277 25.1 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 48.423 ng
 RT: 15.080 min Scan# 2208
 Delta R.T. 0.000 min
 Lab File: BF141964.D
 Acq: 14 Mar 2025 14:39

Tgt Ion:252 Resp: 1178249
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 8.5 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 48.919 ng

RT: 15.110 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141964.D

Acq: 14 Mar 2025 14:39

Instrument :

BNA_F

ClientSampleId :

CTWK-COMPMSD

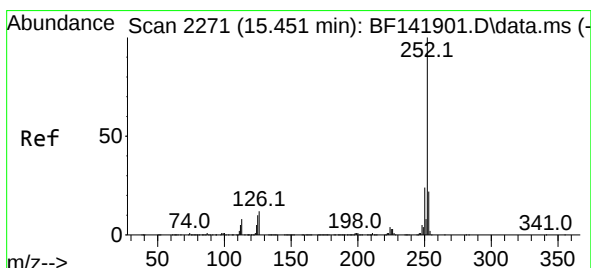
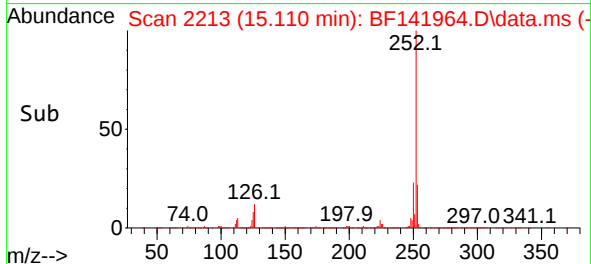
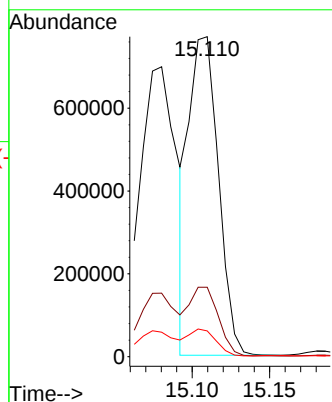
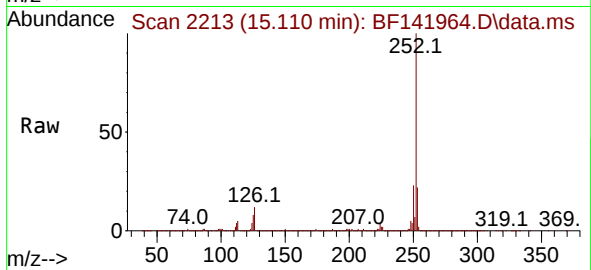
Tgt Ion:252 Resp: 1018652

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 8.0 7.2 10.8



#90

Benzo(a)pyrene

Concen: 55.086 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF141964.D

Acq: 14 Mar 2025 14:39

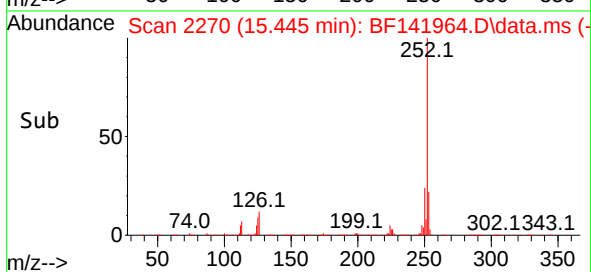
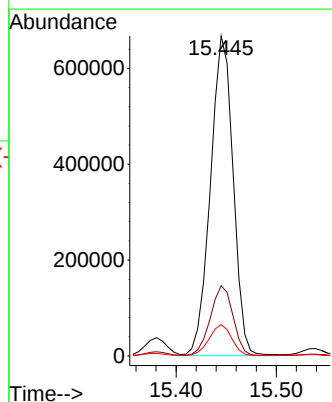
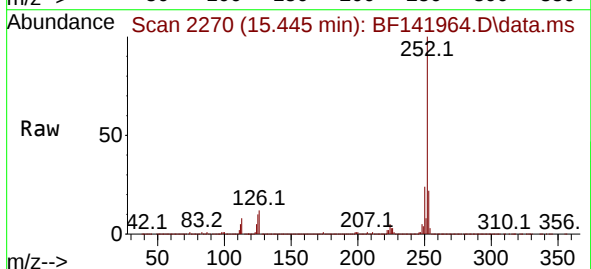
Tgt Ion:252 Resp: 1048803

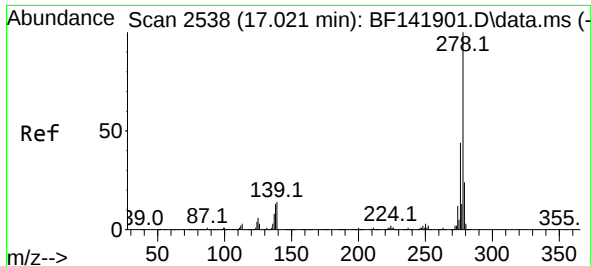
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.8 7.8 11.8

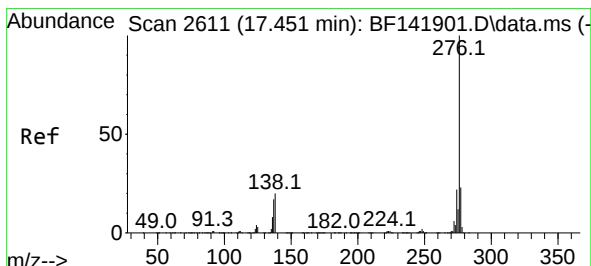
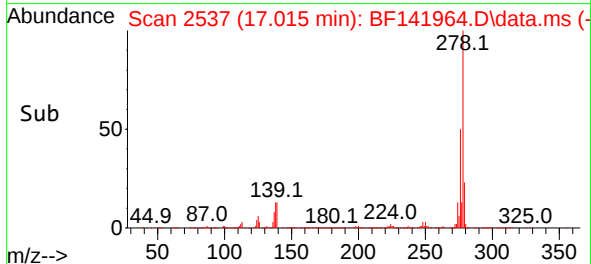
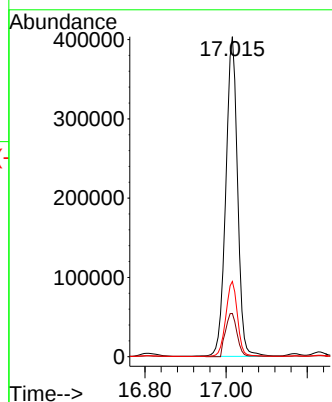
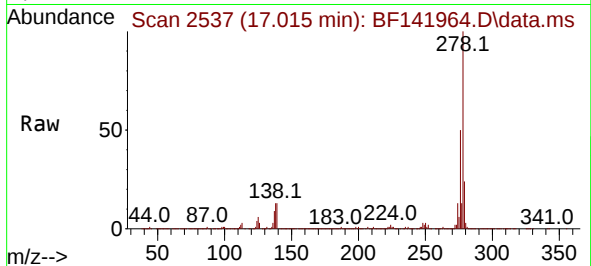




#91
Dibenzo(a,h)anthracene
Concen: 43.178 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

Tgt Ion:278 Resp: 818183
Ion Ratio Lower Upper
278 100
139 13.5 11.4 17.2
279 23.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 37.941 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.006 min
Lab File: BF141964.D
Acq: 14 Mar 2025 14:39

Tgt Ion:276 Resp: 710464
Ion Ratio Lower Upper
276 100
277 23.5 18.7 28.1
138 18.5 15.8 23.8

