

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
 Data File : BF141963.D
 Acq On : 14 Mar 2025 14:10
 Operator : RC/JU
 Sample : Q1566-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CTWK-COMPMS

Quant Time: Mar 14 14:41:05 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	6.876	152	144277	20.000	ng	0.00
21) Naphthalene-d8	8.159	136	554620	20.000	ng	0.00
39) Acenaphthene-d10	9.911	164	290205	20.000	ng	0.00
64) Phenanthrene-d10	11.400	188	422606	20.000	ng	0.00
76) Chrysene-d12	14.035	240	316199	20.000	ng	0.00
86) Perylene-d12	15.505	264	368741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.500	112	940713	108.819	ng	0.00
7) Phenol-d6	6.500	99	1182612	107.445	ng	0.00
23) Nitrobenzene-d5	7.441	82	783765	79.527	ng	0.00
42) 2,4,6-Tribromophenol	10.705	330	392302	106.557	ng	0.00
45) 2-Fluorobiphenyl	9.235	172	1575451	82.561	ng	0.00
79) Terphenyl-d14	12.982	244	1331587	62.261	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.729	88	176526	48.735	ng	100
3) Pyridine	3.482	79	401860	45.229	ng	98
4) n-Nitrosodimethylamine	3.429	42	196138	46.310	ng	99
6) Aniline	6.547	93	160890	14.818	ng	98
8) 2-Chlorophenol	6.659	128	459989	47.977	ng	99
9) Benzaldehyde	6.429	77	132418	21.511	ng	98
10) Phenol	6.518	94	527523	45.557	ng	99
11) bis(2-Chloroethyl)ether	6.612	93	408385	46.969	ng	97
12) 1,3-Dichlorobenzene	6.817	146	495091	47.831	ng	99
13) 1,4-Dichlorobenzene	6.894	146	499714	47.715	ng	99
14) 1,2-Dichlorobenzene	7.047	146	477377	48.394	ng	99
15) Benzyl Alcohol	7.017	79	397484	44.670	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.153	45	457948	43.627	ng	98
17) 2-Methylphenol	7.123	107	360789	47.328	ng	99
18) Hexachloroethane	7.394	117	187720	47.799	ng	95
19) n-Nitroso-di-n-propyla...	7.288	70	308527	43.624	ng	100
20) 3+4-Methylphenols	7.276	107	452497	46.342	ng	93
22) Acetophenone	7.288	105	683019	51.425	ng	99
24) Nitrobenzene	7.459	77	471070	48.081	ng	100
25) Isophorone	7.694	82	836646	48.025	ng	99
26) 2-Nitrophenol	7.776	139	239108	49.725	ng	99
27) 2,4-Dimethylphenol	7.806	122	385287	58.190	ng	98
28) bis(2-Chloroethoxy)met...	7.906	93	503677	46.097	ng	99
29) 2,4-Dichlorophenol	8.012	162	378461	46.050	ng	99
30) 1,2,4-Trichlorobenzene	8.100	180	424513	46.871	ng	100
31) Naphthalene	8.182	128	1310981	46.016	ng	100
32) Benzoic acid	7.923	122	304166	52.260	ng	98
33) 4-Chloroaniline	8.235	127	101607	10.103	ng	97
34) Hexachlorobutadiene	8.300	225	291915	49.422	ng	99
35) Caprolactam	8.588	113	93702	37.397	ng	92
36) 4-Chloro-3-methylphenol	8.706	107	402432	43.896	ng	98
37) 2-Methylnaphthalene	8.870	142	832491	43.716	ng	100
38) 1-Methylnaphthalene	8.970	142	807650	43.951	ng	100
40) 1,2,4,5-Tetrachloroben...	9.035	216	496079	56.146	ng	98
41) Hexachlorocyclopentadiene	9.023	237	608236	175.898	ng	99
43) 2,4,6-Trichlorophenol	9.147	196	284998	49.356	ng	100

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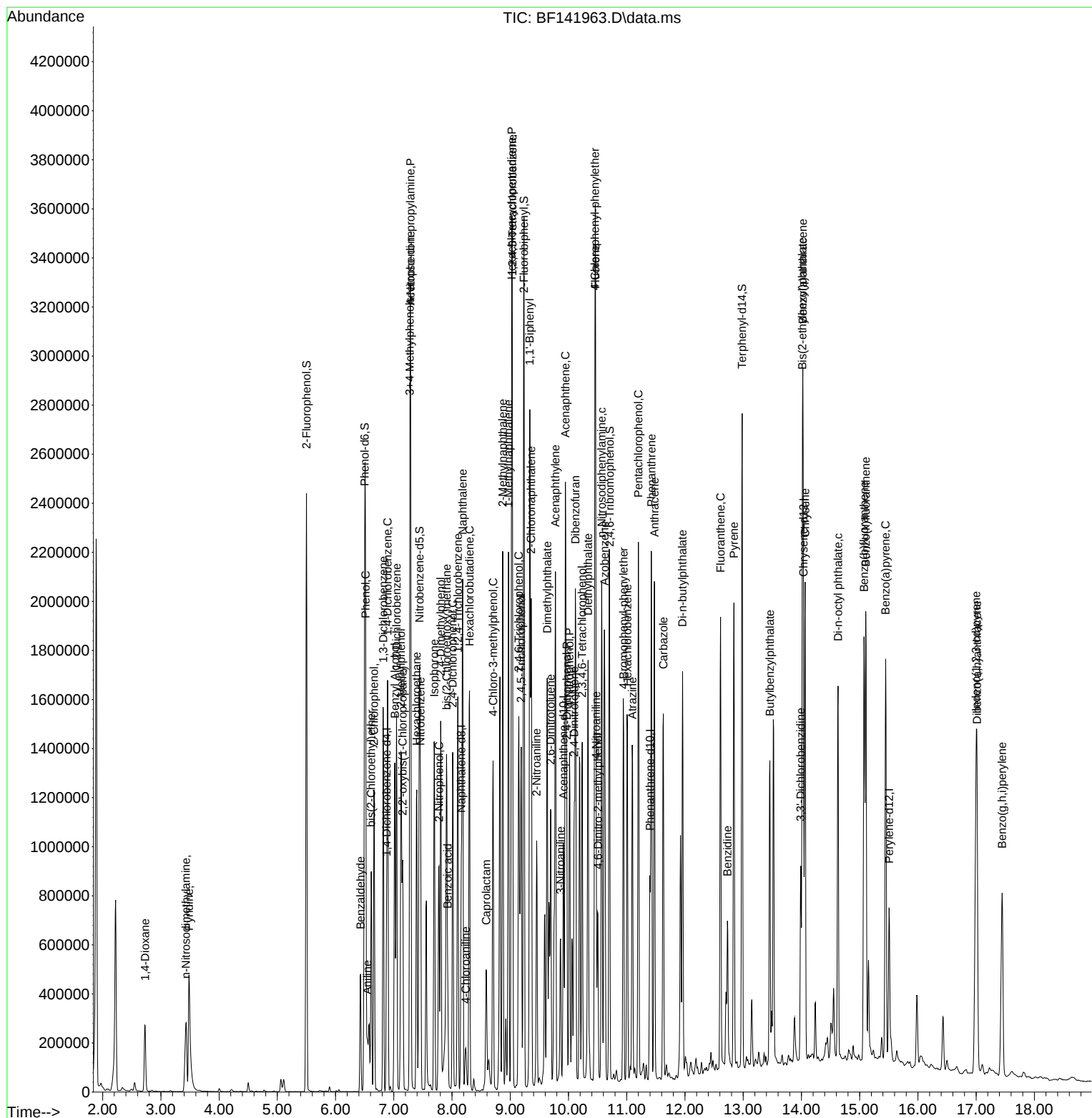
Instrument :
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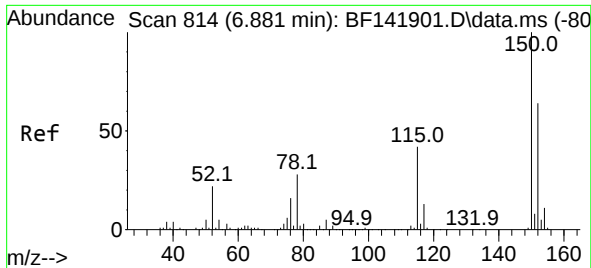
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.188	196	289931	49.575	ng	99
46) 1,1'-Biphenyl	9.335	154	1195740	54.228	ng	100
47) 2-Chloronaphthalene	9.358	162	810581	49.320	ng	99
48) 2-Nitroaniline	9.453	65	229094	48.143	ng	99
49) Acenaphthylene	9.776	152	1238019	50.761	ng	100
50) Dimethylphthalate	9.635	163	953769	46.932	ng	100
51) 2,6-Dinitrotoluene	9.694	165	202588	47.878	ng	97
52) Acenaphthene	9.947	154	905067	52.806	ng	100
53) 3-Nitroaniline	9.864	138	132384	30.844	ng	97
54) 2,4-Dinitrophenol	9.970	184	228381	93.764	ng	# 47
55) Dibenzofuran	10.117	168	1097396	44.809	ng	99
56) 4-Nitrophenol	10.017	139	307864	95.114	ng	99
57) 2,4-Dinitrotoluene	10.100	165	270918	49.022	ng	96
58) Fluorene	10.464	166	857103	45.383	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.235	232	241212	45.325	ng	97
60) Diethylphthalate	10.335	149	908024	44.810	ng	99
61) 4-Chlorophenyl-phenyle...	10.453	204	448262	45.526	ng	99
62) 4-Nitroaniline	10.476	138	163725	39.182	ng	99
63) Azobenzene	10.617	77	1018655	54.070	ng	86
65) 4,6-Dinitro-2-methylph...	10.505	198	142263	56.468	ng	97
66) n-Nitrosodiphenylamine	10.570	169	728349	53.259	ng	100
67) 4-Bromophenyl-phenylether	10.947	248	274135	51.651	ng	97
68) Hexachlorobenzene	11.011	284	296115	50.870	ng	96
69) Atrazine	11.100	200	259200	61.826	ng	99
70) Pentachlorophenol	11.200	266	350516	97.732	ng	99
71) Phenanthrene	11.423	178	1148274	50.305	ng	99
72) Anthracene	11.476	178	1120473	48.927	ng	100
73) Carbazole	11.629	167	874921	44.300	ng	100
74) Di-n-butylphthalate	11.958	149	1153211	44.006	ng	99
75) Fluoranthene	12.611	202	1031884	42.616	ng	99
77) Benzidine	12.729	184	315844	71.594	ng	99
78) Pyrene	12.841	202	1110006	40.583	ng	99
80) Butylbenzylphthalate	13.458	149	412895	38.569	ng	97
81) Benzo(a)anthracene	14.023	228	1072388	51.684	ng	99
82) 3,3'-Dichlorobenzidine	13.988	252	241539	40.282	ng	99
83) Chrysene	14.064	228	948152	50.411	ng	100
84) Bis(2-ethylhexyl)phtha...	14.017	149	601601	40.757	ng	99
85) Di-n-octyl phthalate	14.629	149	1068342	52.018	ng	99
87) Indeno(1,2,3-cd)pyrene	16.999	276	998443	41.858	ng	98
88) Benzo(b)fluoranthene	15.076	252	1192334	47.180	ng	99
89) Benzo(k)fluoranthene	15.105	252	971634	44.927	ng	99
90) Benzo(a)pyrene	15.446	252	1037109	52.447	ng	99
91) Dibenzo(a,h)anthracene	17.017	278	818377	41.582	ng	99
92) Benzo(g,h,i)perylene	17.446	276	717523	36.893	ng	98

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

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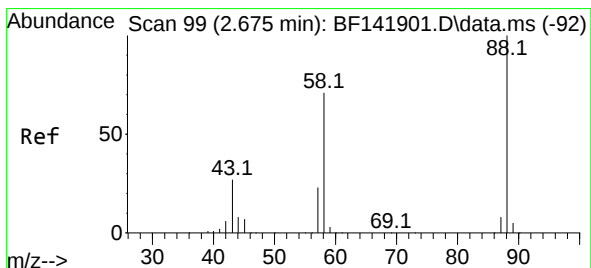
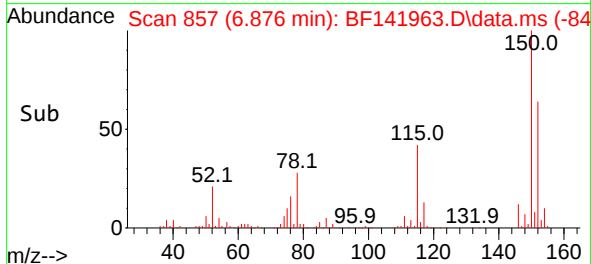
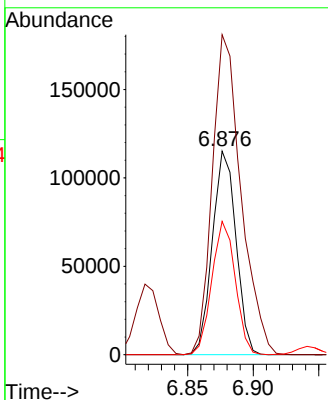
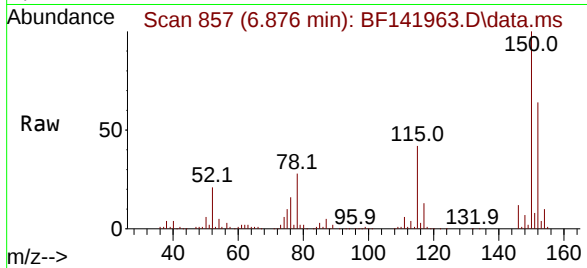




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.876 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BF141963.D
 Acq: 14 Mar 2025 14:10

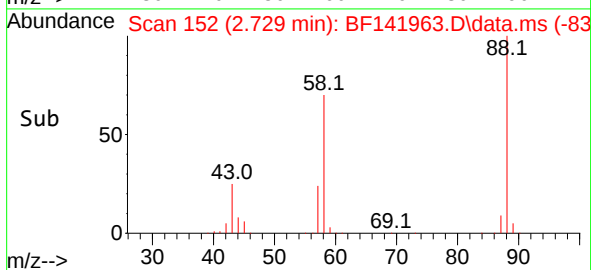
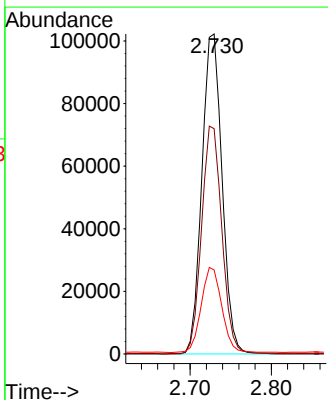
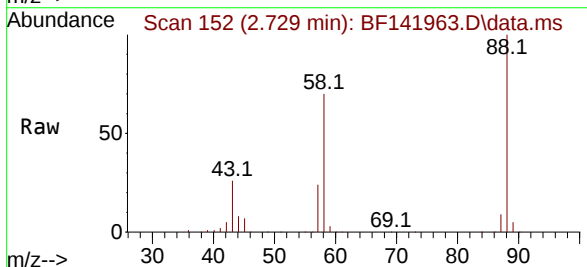
Instrument :
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 CTWK-COMPMS

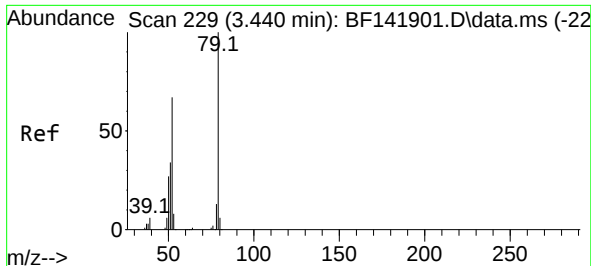
Tgt Ion:152 Resp: 144277
 Ion Ratio Lower Upper
 152 100
 150 157.2 127.4 191.2
 115 65.5 51.9 77.9



#2
 1,4-Dioxane
 Concen: 48.735 ng
 RT: 2.729 min Scan# 152
 Delta R.T. 0.055 min
 Lab File: BF141963.D
 Acq: 14 Mar 2025 14:10

Tgt Ion: 88 Resp: 176526
 Ion Ratio Lower Upper
 88 100
 58 71.7 57.4 86.2
 43 27.0 21.5 32.3





#3

Pyridine

Concen: 45.229 ng

RT: 3.482 min Scan# 21

Delta R.T. 0.043 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

Instrument :

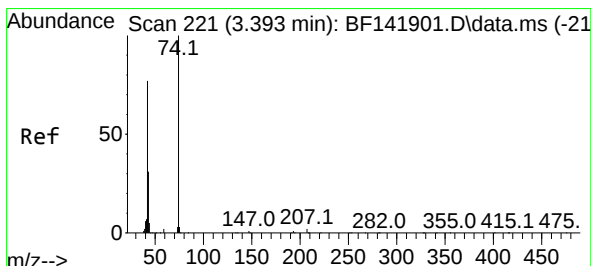
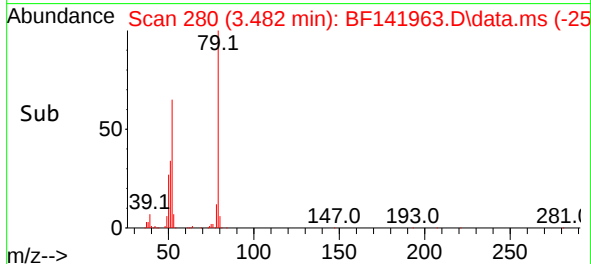
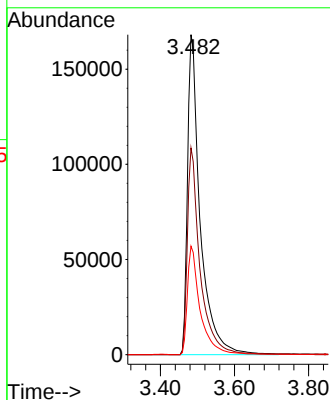
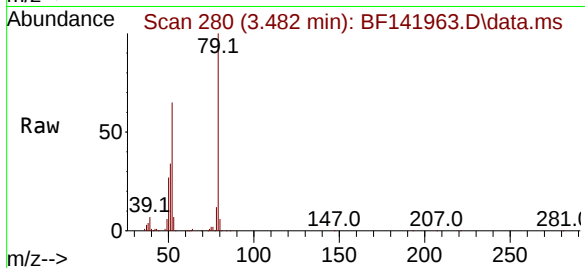
BNA_F

ClientSampleId :

CTWK-COMPMS

Tgt Ion: 79 Resp: 401860

Ion	Ratio	Lower	Upper
79	100		
52	64.6	53.3	79.9
51	33.9	27.6	41.4



#4

n-Nitrosodimethylamine

Concen: 46.310 ng

RT: 3.429 min Scan# 271

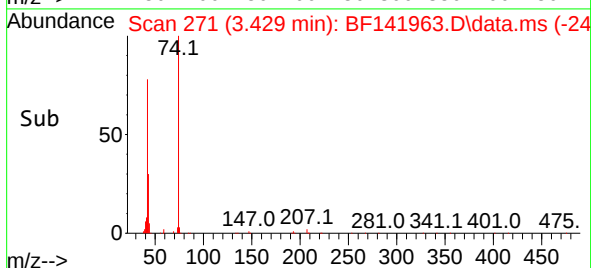
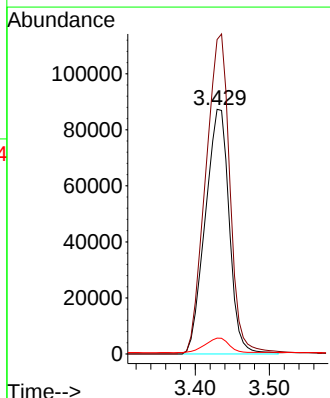
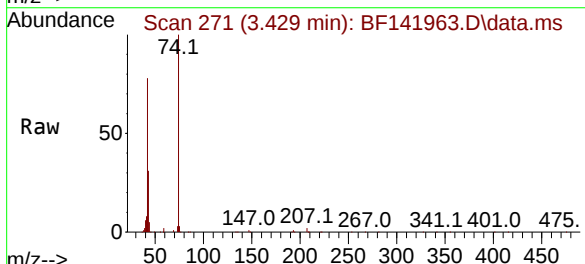
Delta R.T. 0.037 min

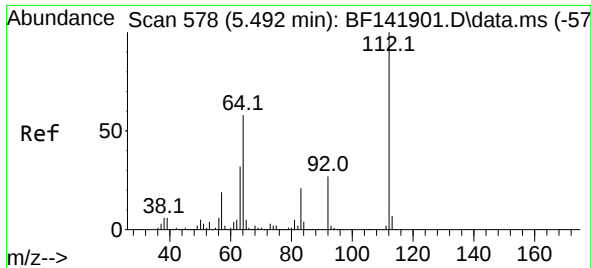
Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

Tgt Ion: 42 Resp: 196138

Ion	Ratio	Lower	Upper
42	100		
74	128.5	103.4	155.0
44	6.5	5.0	7.4

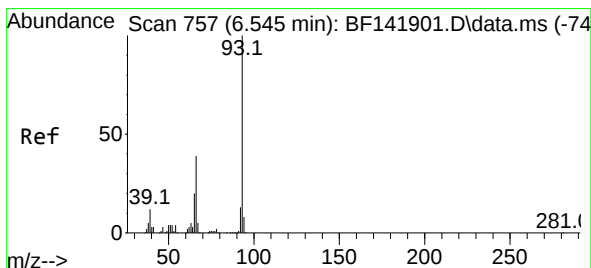
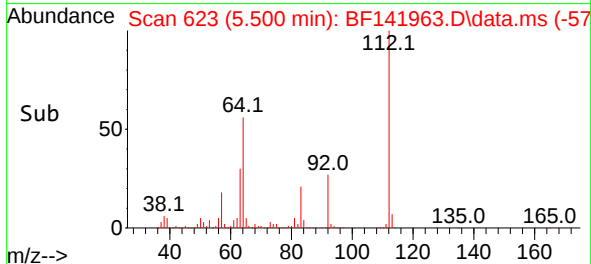
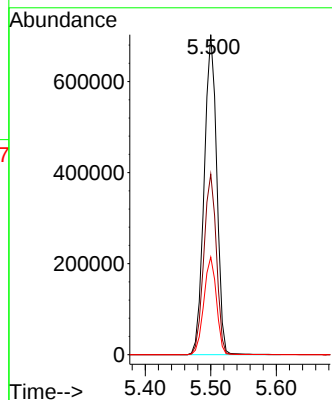
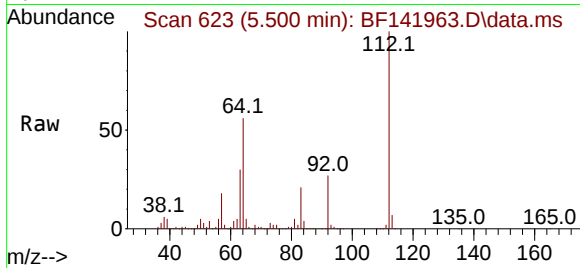




#5
2-Fluorophenol
Concen: 108.819 ng
RT: 5.500 min Scan# 61
Delta R.T. 0.007 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

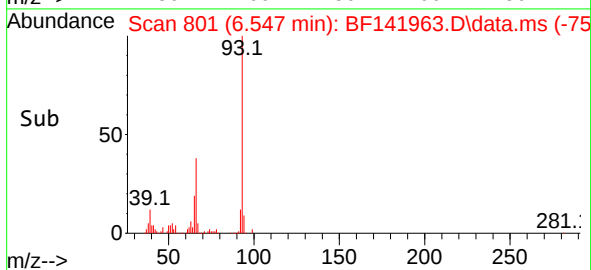
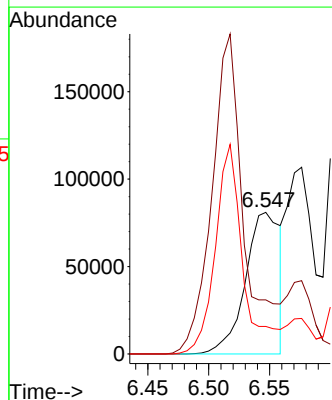
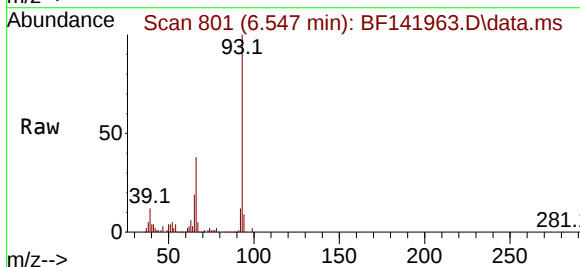
Instrument :
BNA_F
ClientSampleId :
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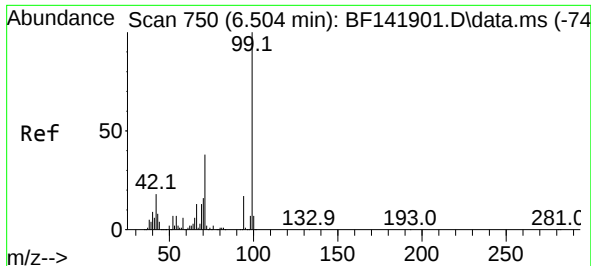
Tgt Ion:112 Resp: 940713
Ion Ratio Lower Upper
112 100
64 56.4 46.5 69.7
63 30.5 25.4 38.2



#6
Aniline
Concen: 14.818 ng
RT: 6.547 min Scan# 801
Delta R.T. 0.002 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion: 93 Resp: 160890
Ion Ratio Lower Upper
93 100
66 38.1 31.9 47.9
65 19.5 15.8 23.6



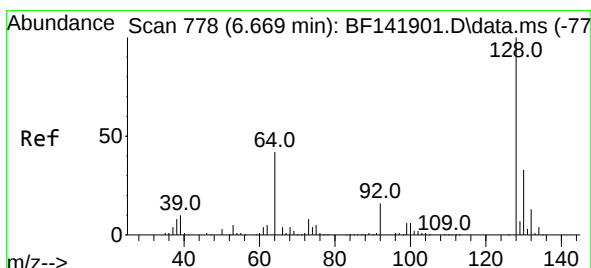
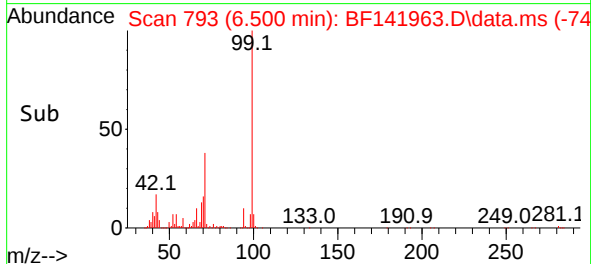
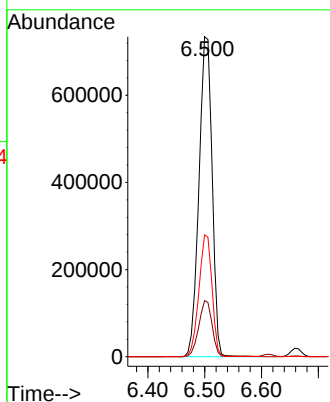
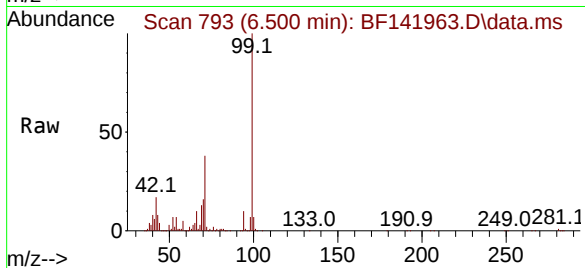


#7
Phenol-d6
Concen: 107.445 ng
RT: 6.500 min Scan# 74
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

Tgt Ion: 99 Resp: 1182612

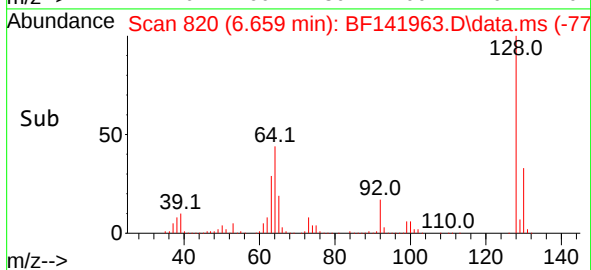
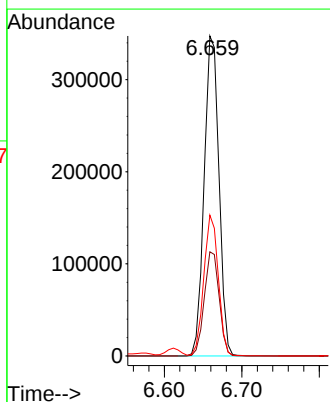
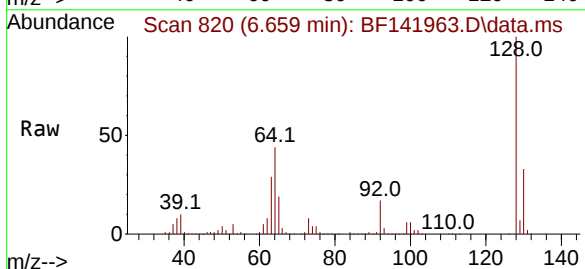
Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.6	21.8
71	38.1	30.8	46.2

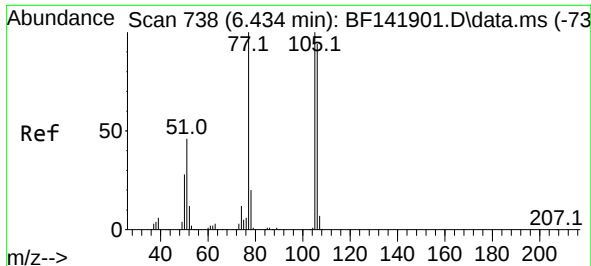


#8
2-Chlorophenol
Concen: 47.977 ng
RT: 6.659 min Scan# 820
Delta R.T. -0.010 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion: 128 Resp: 459989

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.8	52.8
64	44.0	24.4	64.4

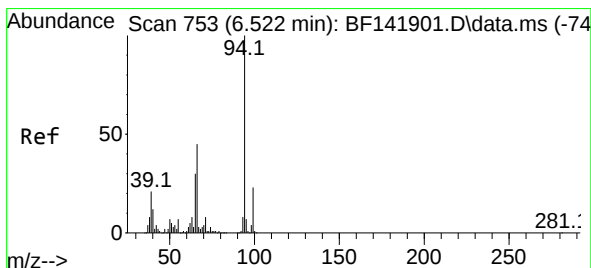
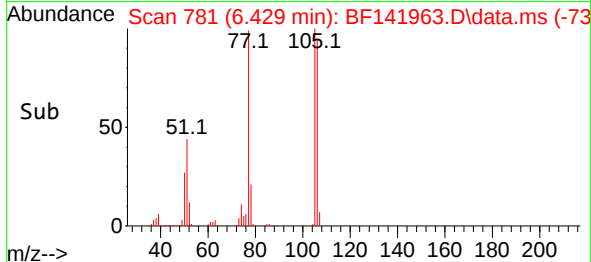
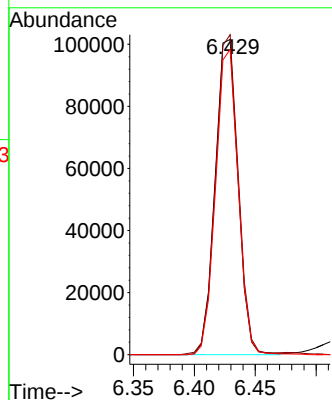
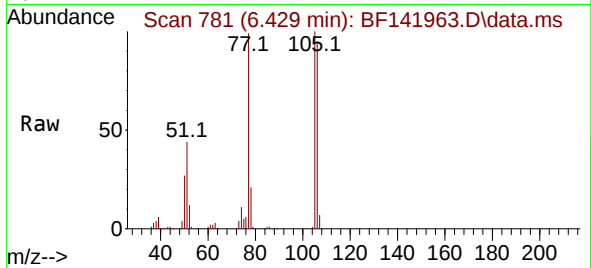




#9
Benzaldehyde
Concen: 21.511 ng
RT: 6.429 min Scan# 710
Delta R.T. -0.005 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

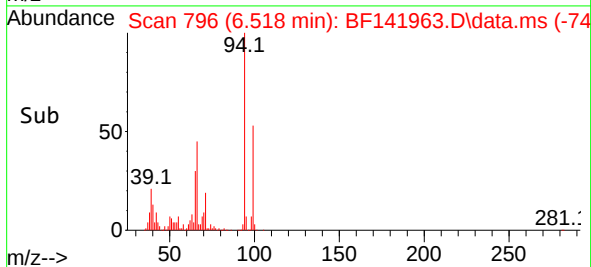
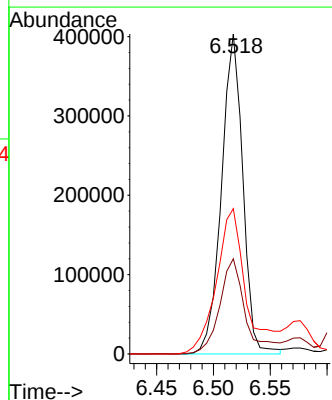
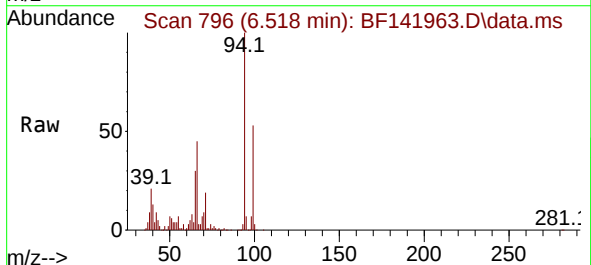
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BNA_F
ClientSampleId :
CTWK-COMPMS

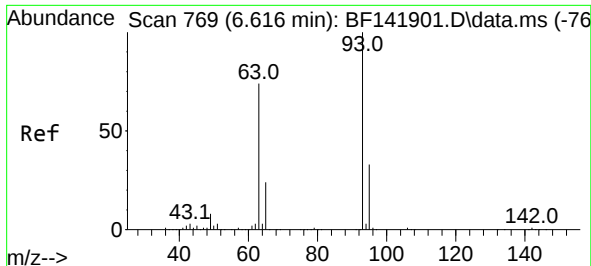
Tgt Ion: 77 Resp: 132418
Ion Ratio Lower Upper
77 100
105 101.5 80.0 120.0
106 96.8 74.5 114.5



#10
Phenol
Concen: 45.557 ng
RT: 6.518 min Scan# 796
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion: 94 Resp: 527523
Ion Ratio Lower Upper
94 100
65 29.7 10.5 50.5
66 45.4 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 46.969 ng

RT: 6.612 min Scan# 812

Delta R.T. -0.004 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

Instrument :

BNA_F

ClientSampleId :

CTWK-COMPMS

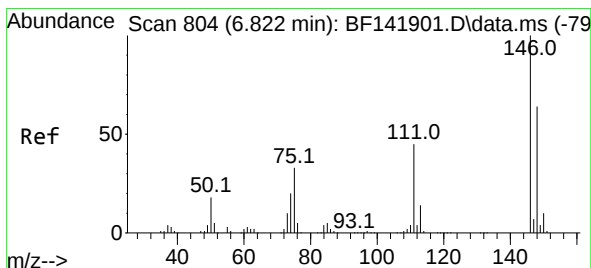
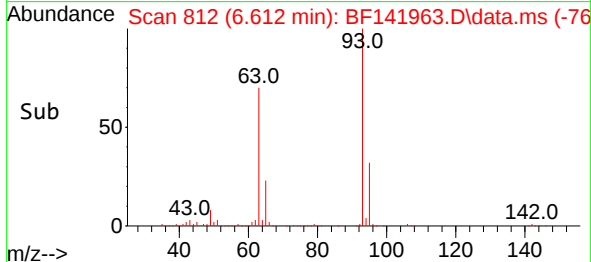
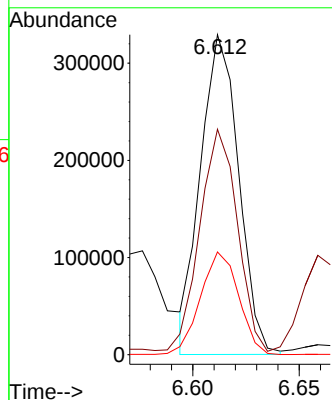
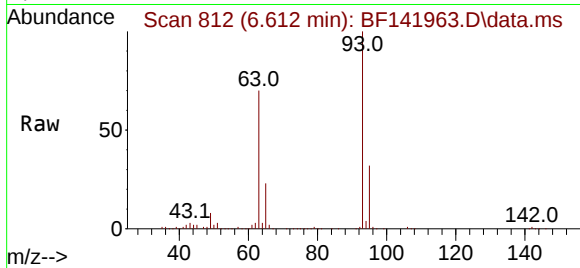
Tgt Ion: 93 Resp: 408385

Ion Ratio Lower Upper

93 100

63 70.4 53.0 93.0

95 32.1 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 47.831 ng

RT: 6.817 min Scan# 847

Delta R.T. -0.004 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

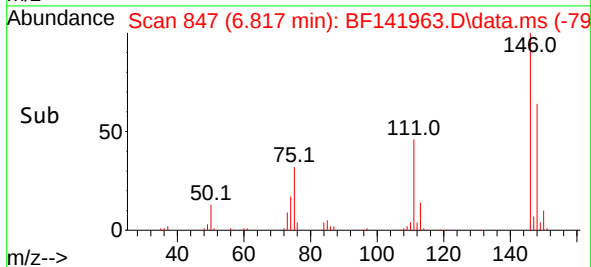
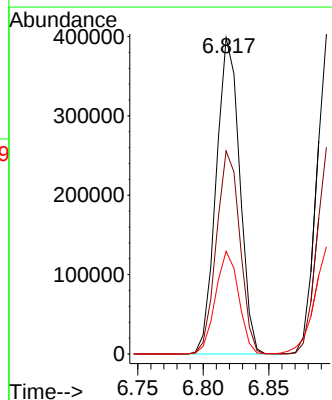
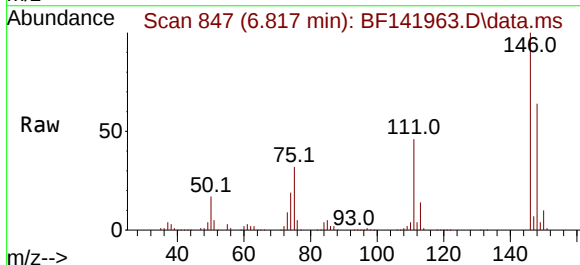
Tgt Ion: 146 Resp: 495091

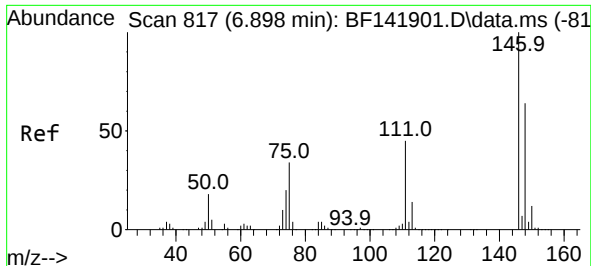
Ion Ratio Lower Upper

146 100

148 64.2 51.3 76.9

75 32.4 26.6 40.0

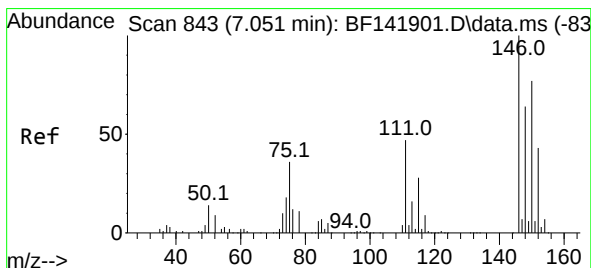
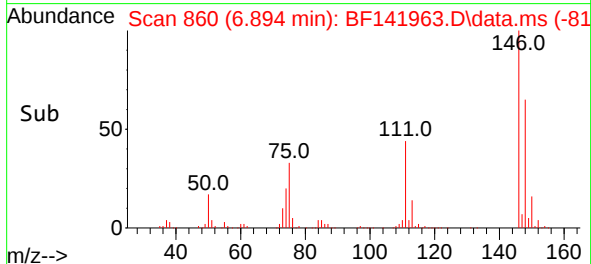
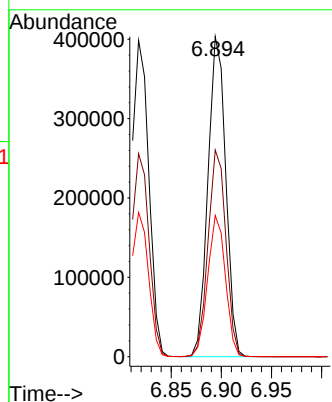
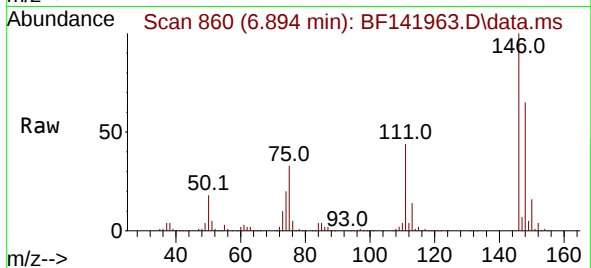




#13
1,4-Dichlorobenzene
Concen: 47.715 ng
RT: 6.894 min Scan# 817
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

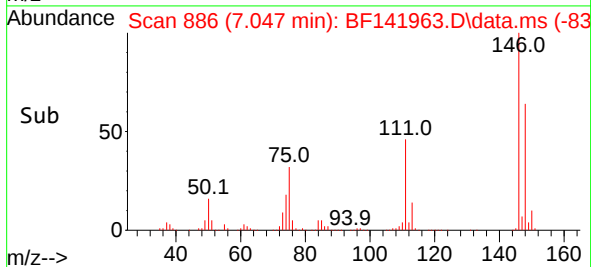
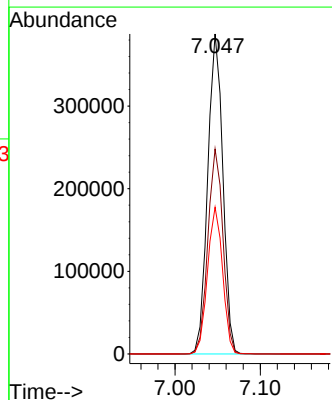
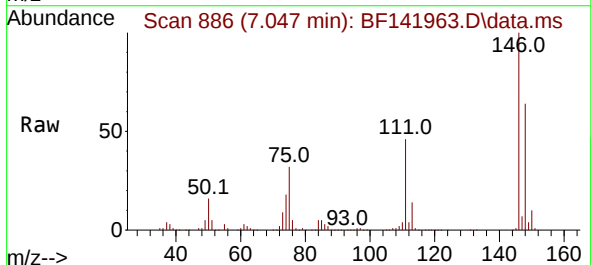
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

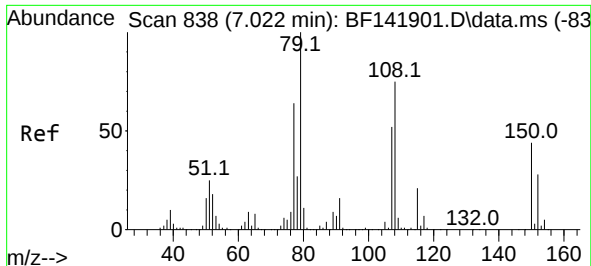
Tgt Ion:146 Resp: 499714
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.6
111 44.1 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 48.394 ng
RT: 7.047 min Scan# 886
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion:146 Resp: 477377
Ion Ratio Lower Upper
146 100
148 64.1 50.8 76.2
111 45.9 38.0 57.0

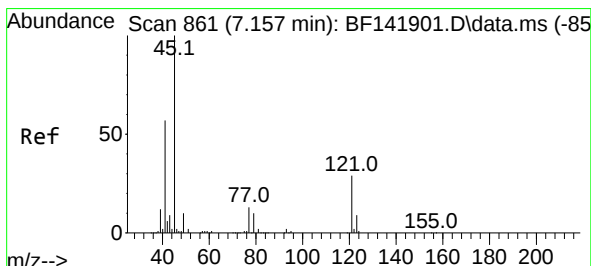
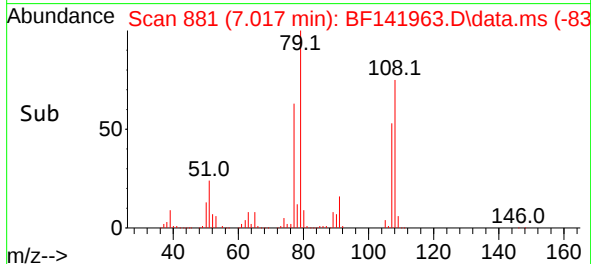
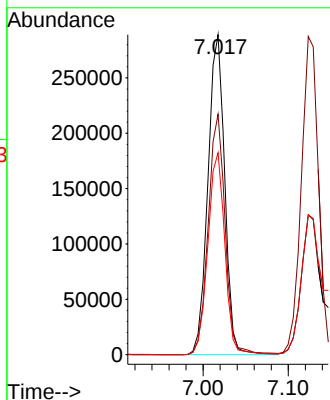
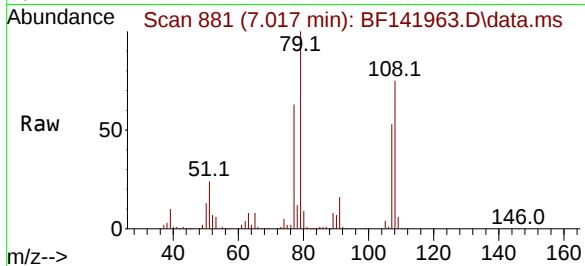




#15
Benzyl Alcohol
Concen: 44.670 ng
RT: 7.017 min Scan# 81
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

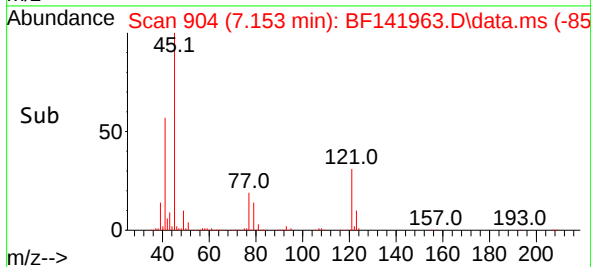
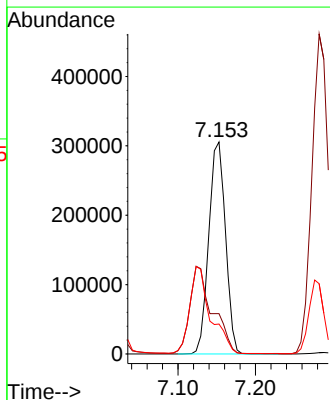
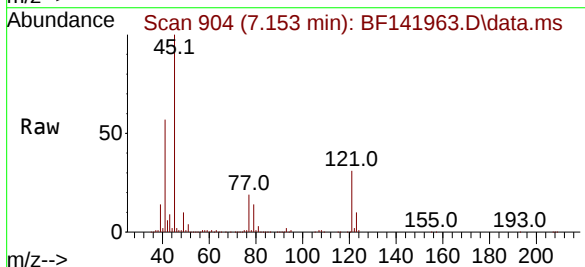
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

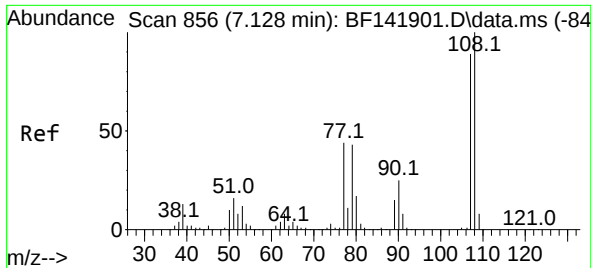
Tgt Ion: 79 Resp: 397484
Ion Ratio Lower Upper
79 100
108 75.2 59.7 89.5
77 63.1 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.627 ng
RT: 7.153 min Scan# 904
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion: 45 Resp: 457948
Ion Ratio Lower Upper
45 100
77 19.0 0.0 37.8
79 14.1 0.0 34.2



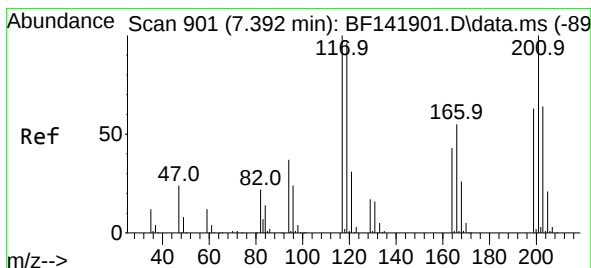
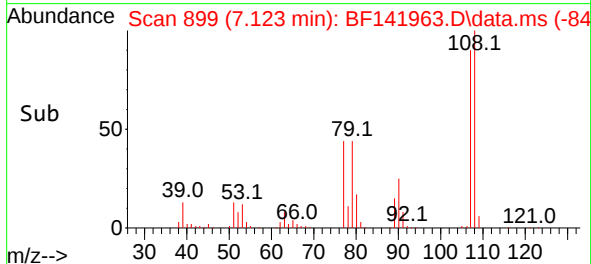
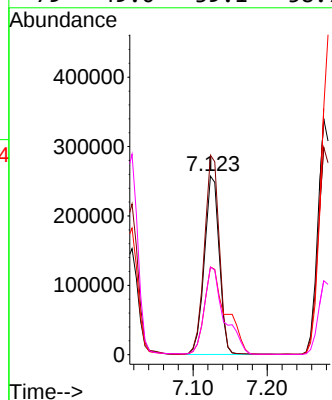
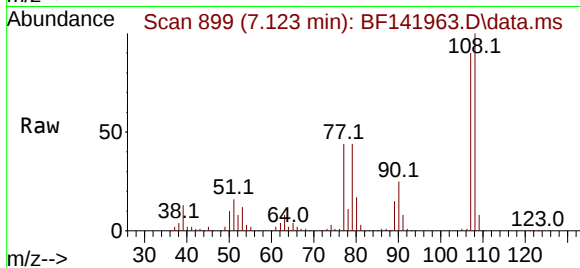


#17
2-Methylphenol
Concen: 47.328 ng
RT: 7.123 min Scan# 84
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

Tgt Ion:107 Resp: 360789

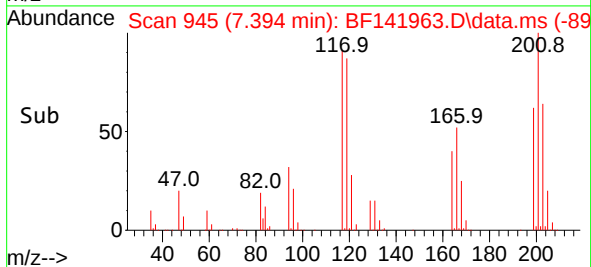
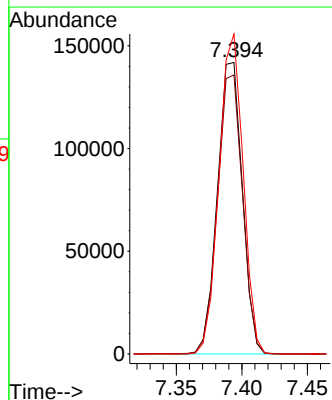
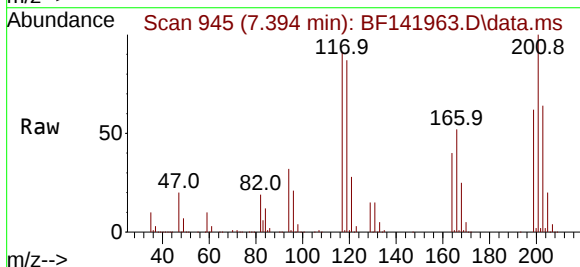
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.2	135.2
77	49.1	39.6	59.4
79	49.0	39.1	58.7

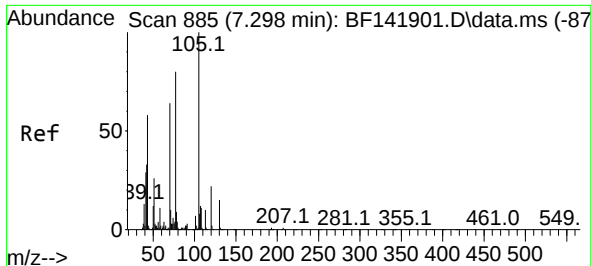


#18
Hexachloroethane
Concen: 47.799 ng
RT: 7.394 min Scan# 945
Delta R.T. 0.002 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion:117 Resp: 187720

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.9	115.3
201	109.7	79.9	119.9

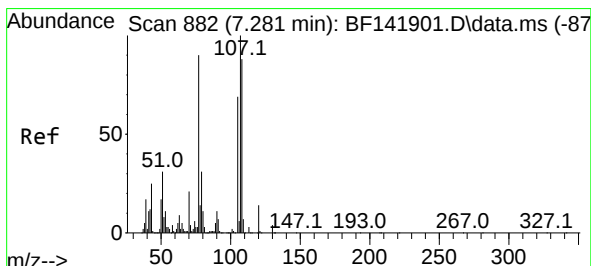
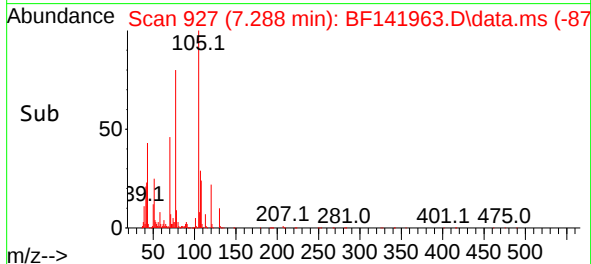
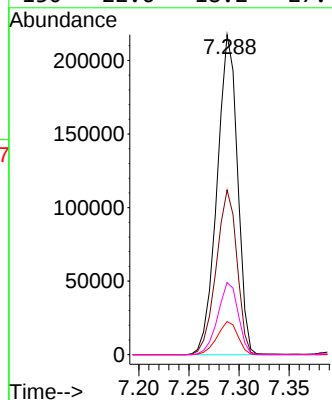
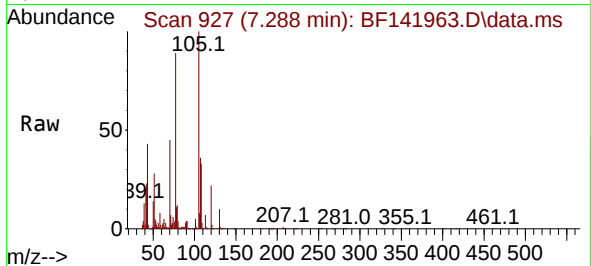




#19
n-Nitroso-di-n-propylamine
Concen: 43.624 ng
RT: 7.288 min Scan# 91
Delta R.T. -0.010 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

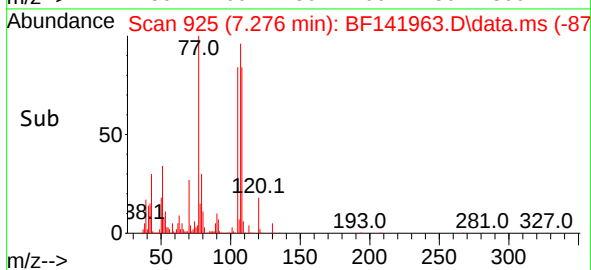
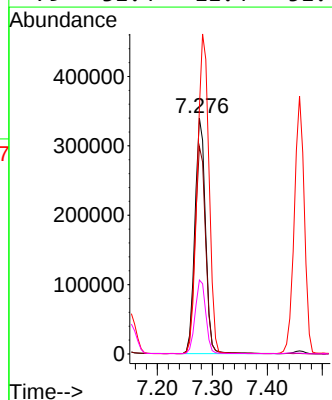
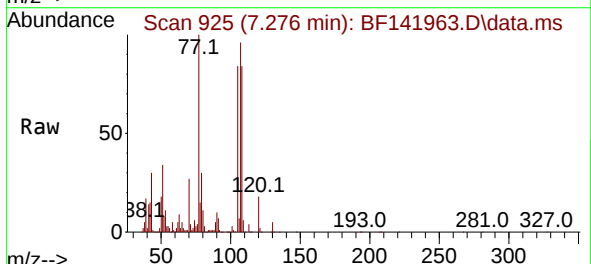
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

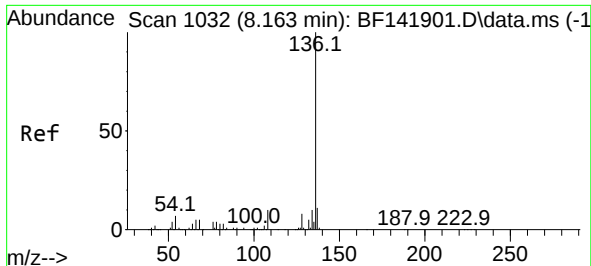
Tgt Ion: 70 Resp: 308527
Ion Ratio Lower Upper
70 100
42 51.5 41.4 62.0
101 10.4 8.2 12.2
130 22.6 18.2 27.4



#20
3+4-Methylphenols
Concen: 46.342 ng
RT: 7.276 min Scan# 925
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion: 107 Resp: 452497
Ion Ratio Lower Upper
107 100
108 88.0 68.4 108.4
77 104.4 69.7 109.7
79 31.4 11.4 51.4

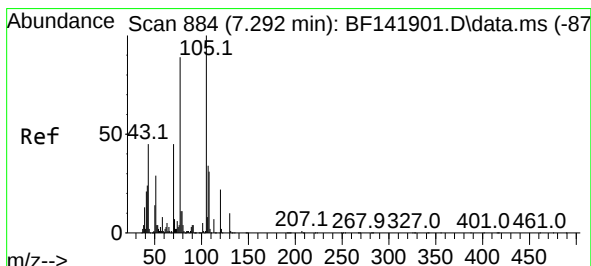
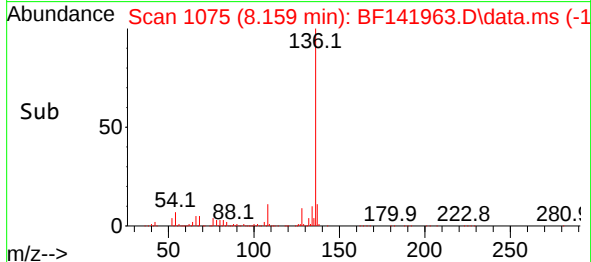
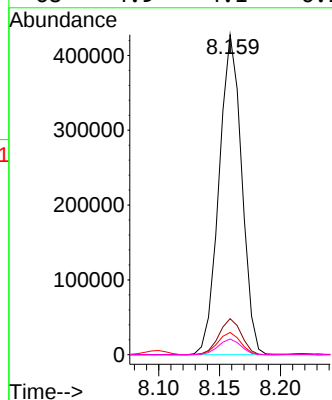
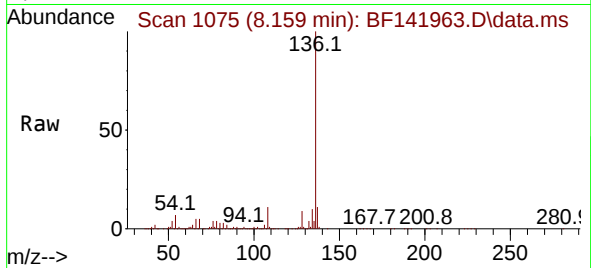




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.159 min Scan# 1032
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

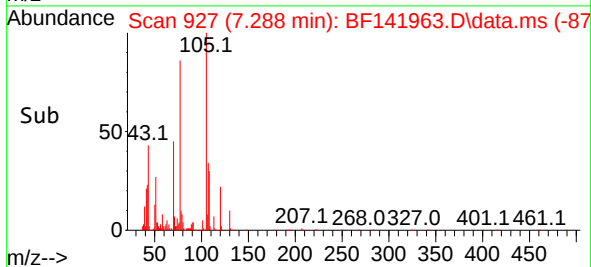
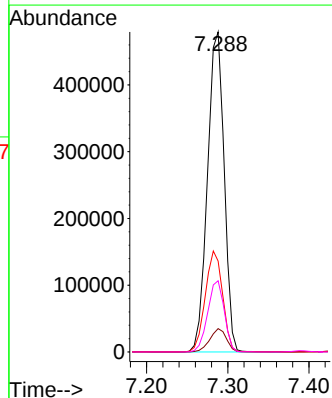
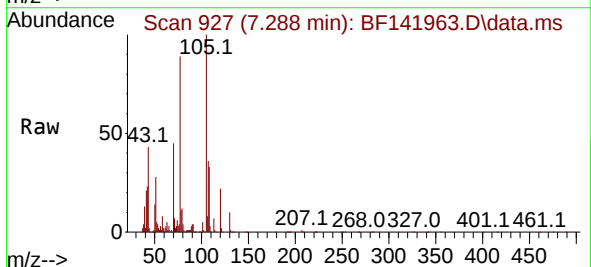
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

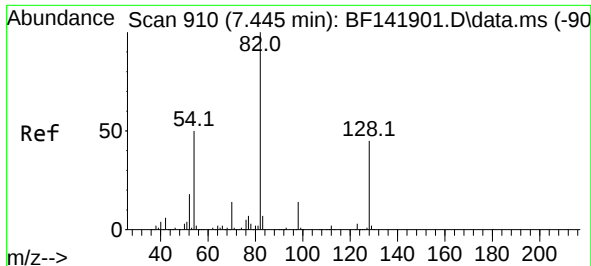
Tgt Ion:136 Resp: 554620
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.9 5.8 8.8
68 4.9 4.1 6.1



#22
Acetophenone
Concen: 51.425 ng
RT: 7.288 min Scan# 927
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion:105 Resp: 683019
Ion Ratio Lower Upper
105 100
71 7.3 5.8 8.8
51 28.4 23.4 35.0
120 22.3 17.3 25.9





#23

Nitrobenzene-d5

Concen: 79.527 ng

RT: 7.441 min Scan# 910

Delta R.T. -0.004 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

Instrument :

BNA_F

ClientSampleId :

CTWK-COMPMS

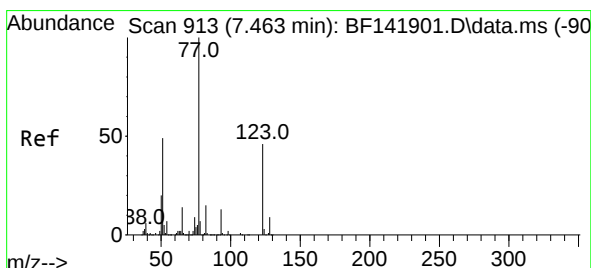
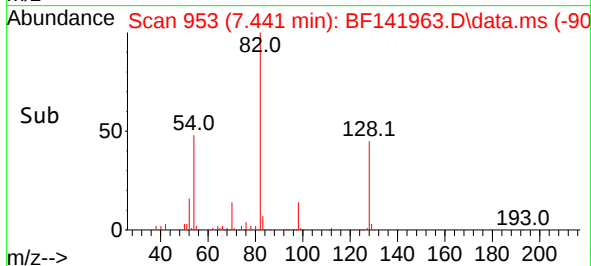
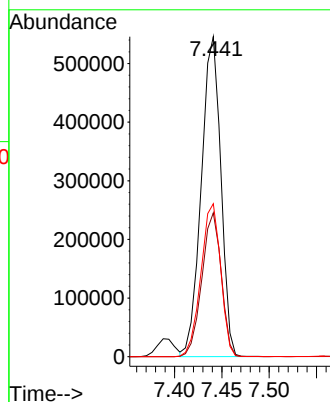
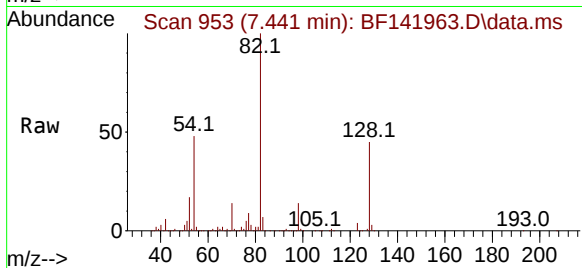
Tgt Ion: 82 Resp: 783765

Ion Ratio Lower Upper

82 100

128 44.9 36.0 54.0

54 47.8 39.6 59.4



#24

Nitrobenzene

Concen: 48.081 ng

RT: 7.459 min Scan# 956

Delta R.T. -0.004 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

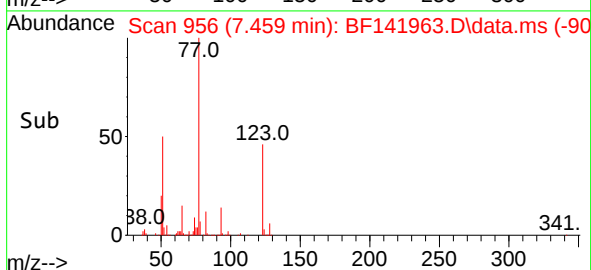
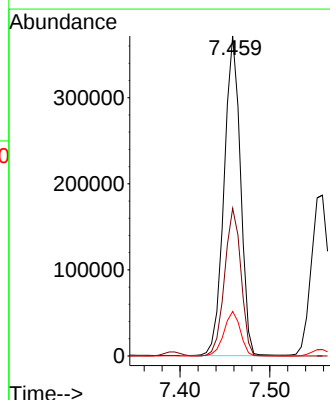
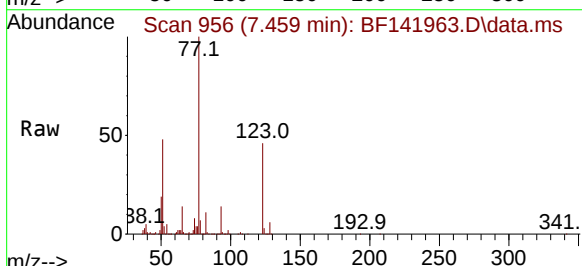
Tgt Ion: 77 Resp: 471070

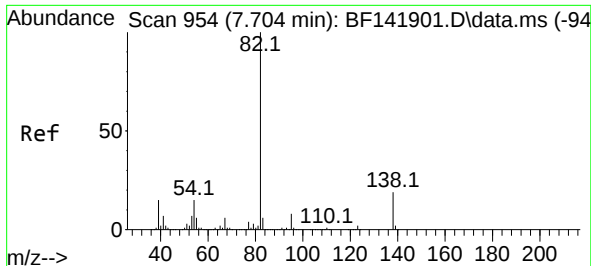
Ion Ratio Lower Upper

77 100

123 46.1 37.0 55.4

65 13.9 11.3 16.9

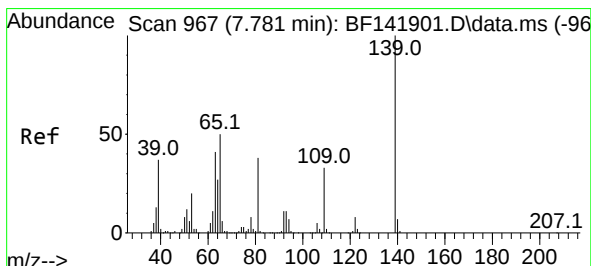
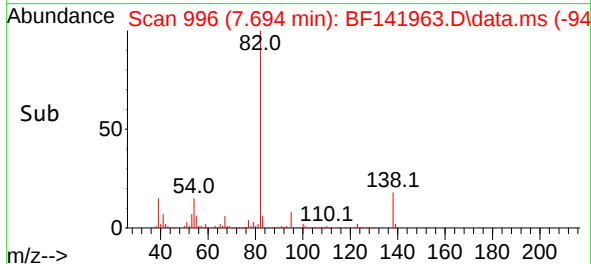
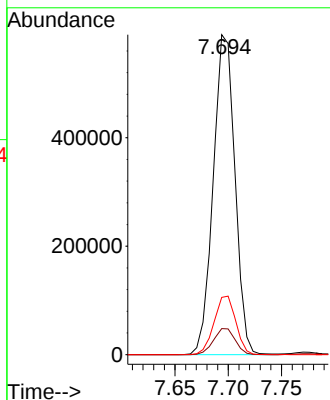
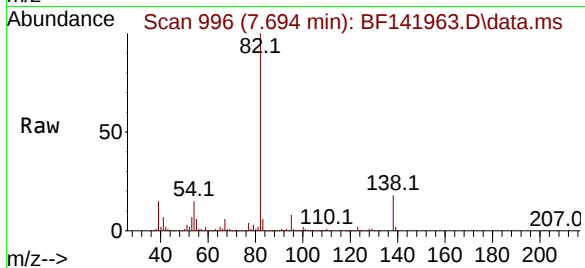




#25
Isophorone
Concen: 48.025 ng
RT: 7.694 min Scan# 910
Delta R.T. -0.010 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

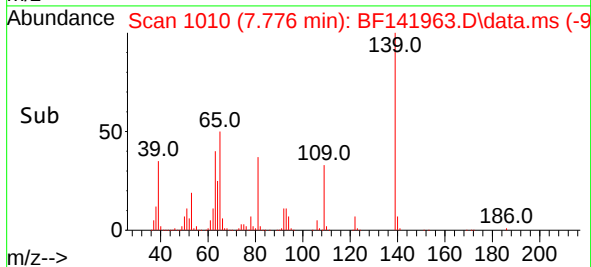
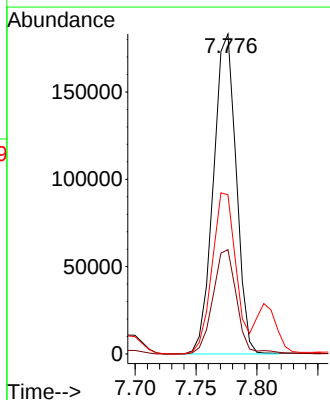
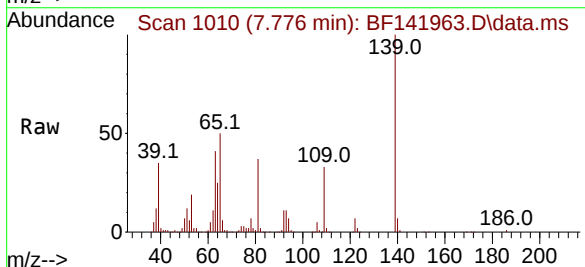
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

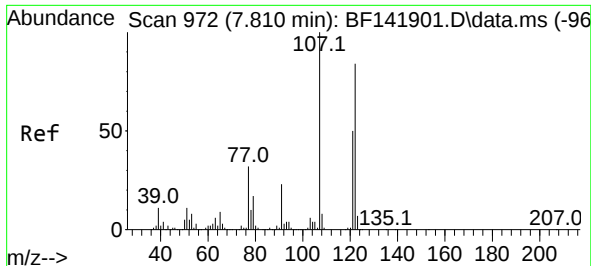
Tgt Ion: 82 Resp: 836646
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 17.9 14.9 22.3



#26
2-Nitrophenol
Concen: 49.725 ng
RT: 7.776 min Scan# 1010
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion:139 Resp: 239108
Ion Ratio Lower Upper
139 100
109 32.6 26.5 39.7
65 49.7 40.3 60.5

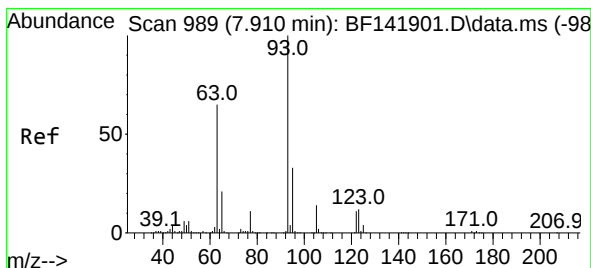
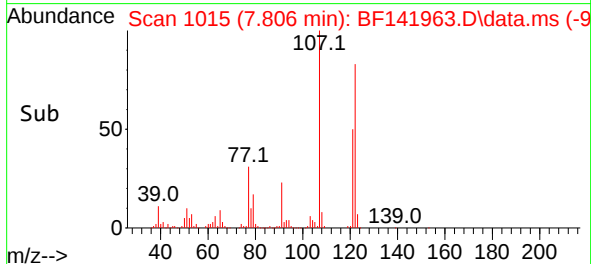
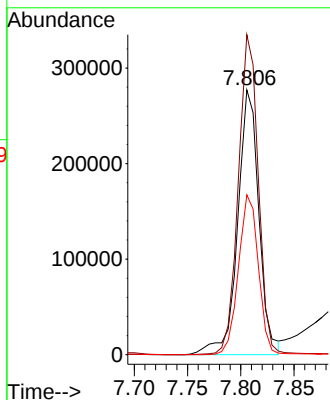
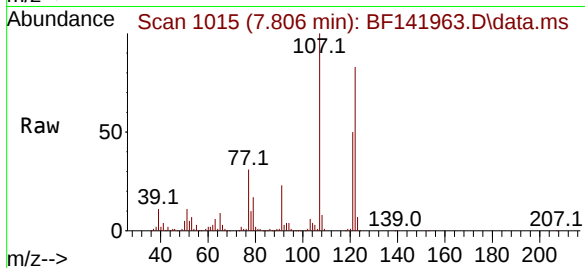




#27
2,4-Dimethylphenol
Concen: 58.190 ng
RT: 7.806 min Scan# 1015
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

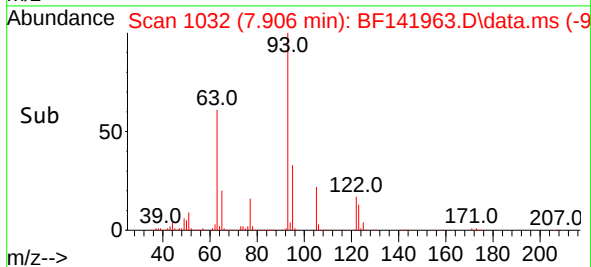
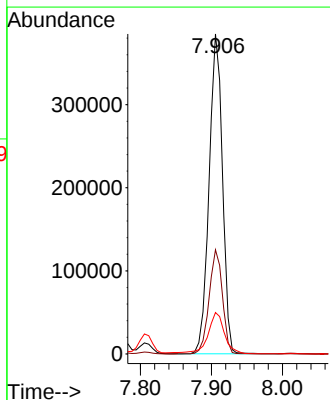
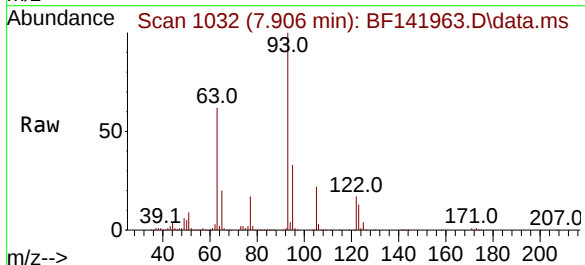
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

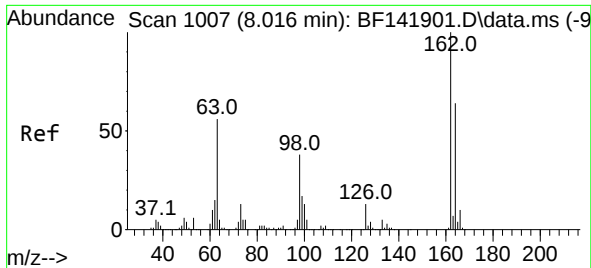
Tgt Ion:122 Resp: 385287
Ion Ratio Lower Upper
122 100
107 120.8 94.8 142.2
121 60.3 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.097 ng
RT: 7.906 min Scan# 1032
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion: 93 Resp: 503677
Ion Ratio Lower Upper
93 100
95 32.5 26.6 40.0
123 13.0 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.050 ng

RT: 8.012 min Scan# 1050

Delta R.T. -0.004 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

Instrument :

BNA_F

ClientSampleId :

CTWK-COMPMS

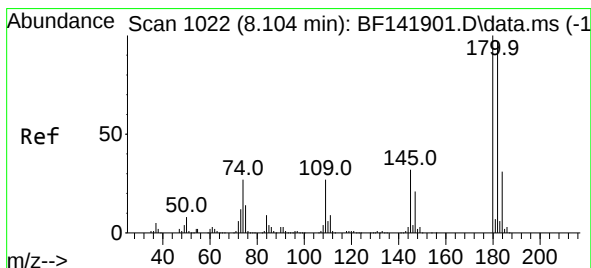
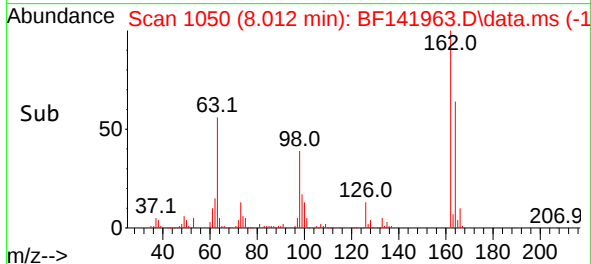
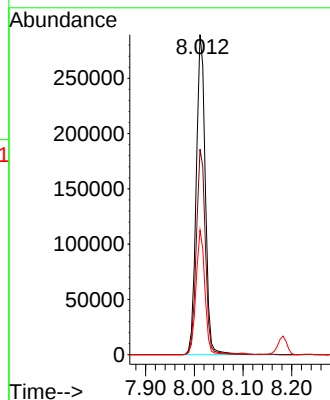
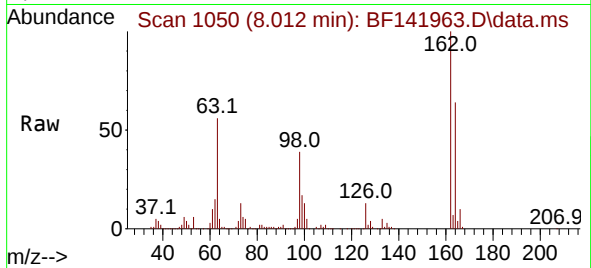
Tgt Ion:162 Resp: 378461

Ion Ratio Lower Upper

162 100

164 64.2 43.8 83.8

98 38.9 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 46.871 ng

RT: 8.100 min Scan# 1065

Delta R.T. -0.004 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

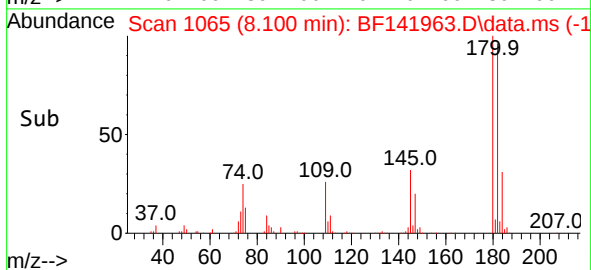
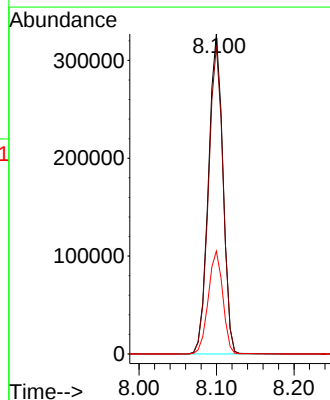
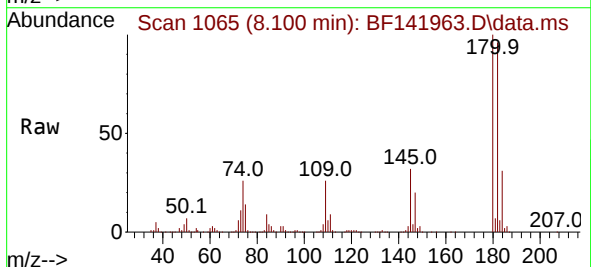
Tgt Ion:180 Resp: 424513

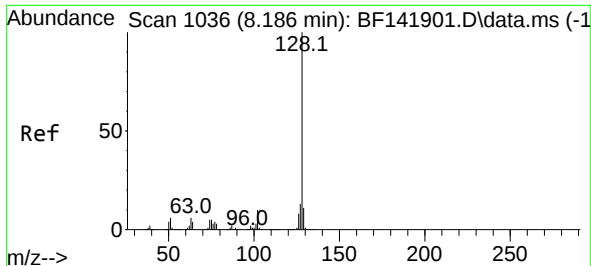
Ion Ratio Lower Upper

180 100

182 96.3 77.5 116.3

145 32.2 25.8 38.6

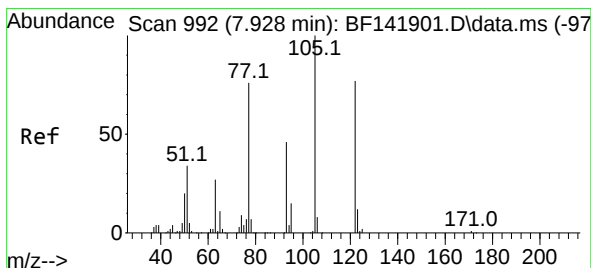
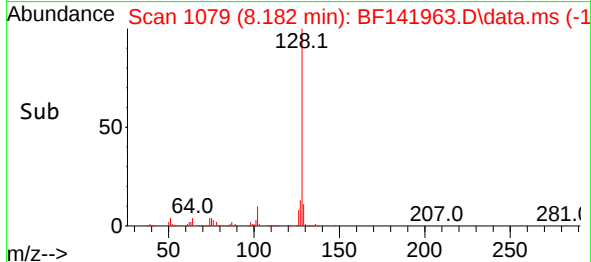
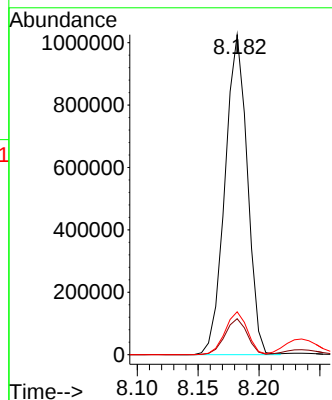
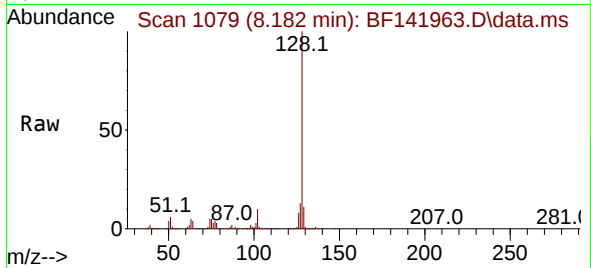




#31
Naphthalene
Concen: 46.016 ng
RT: 8.182 min Scan# 1036
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

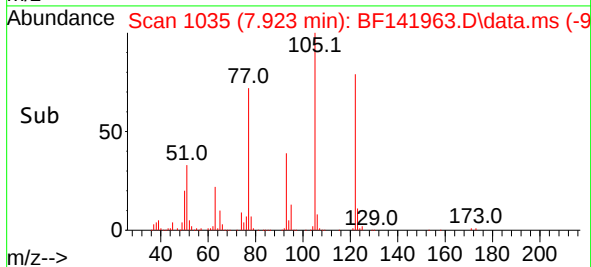
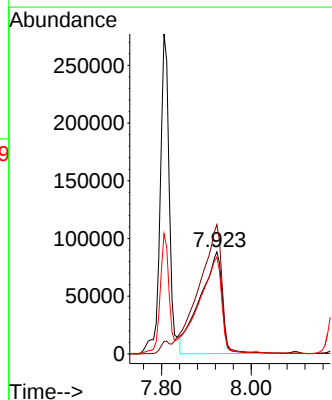
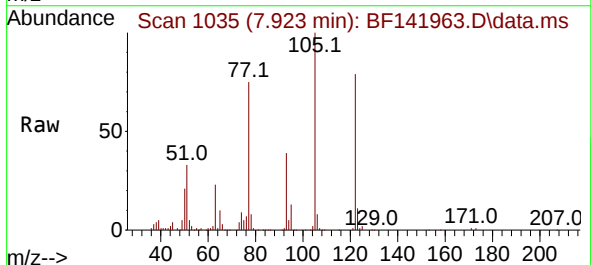
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

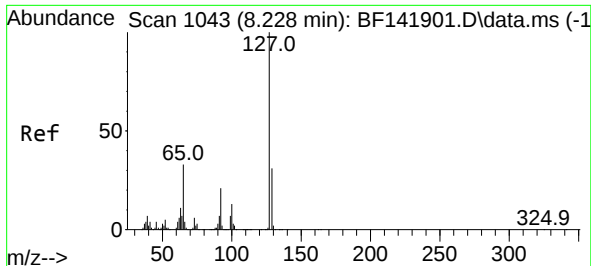
Tgt Ion:128 Resp: 1310981
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 52.260 ng
RT: 7.923 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion:122 Resp: 304166
Ion Ratio Lower Upper
122 100
105 126.7 107.9 147.9
77 94.9 79.0 119.0

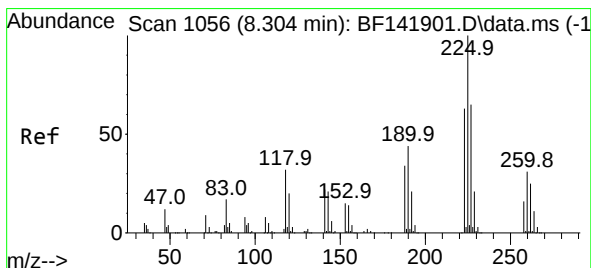
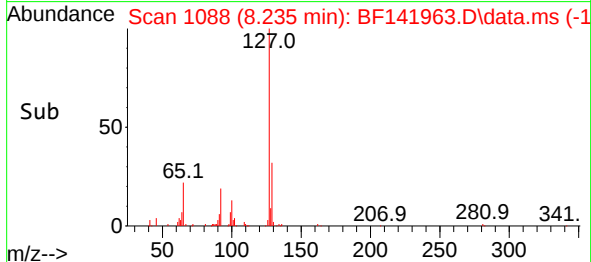
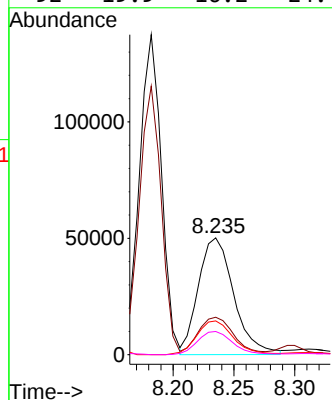
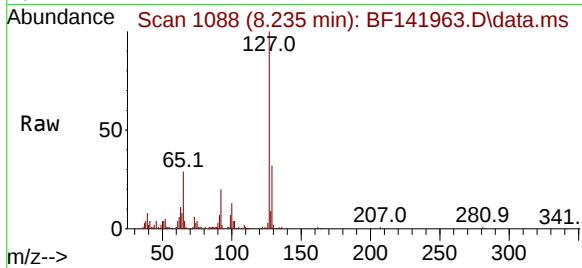




#33
4-Chloroaniline
Concen: 10.103 ng
RT: 8.235 min Scan# 1088
Delta R.T. 0.007 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

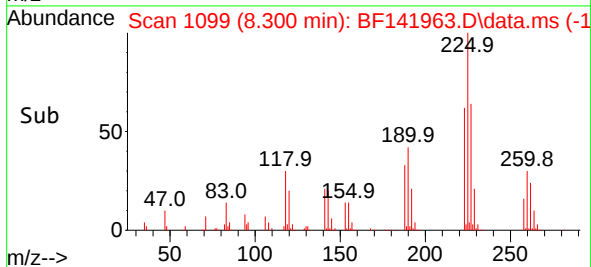
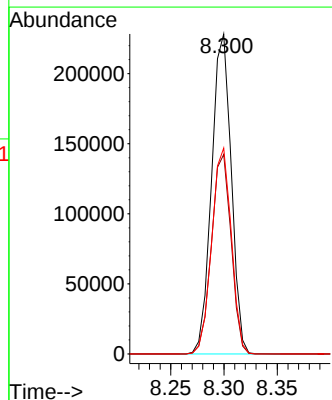
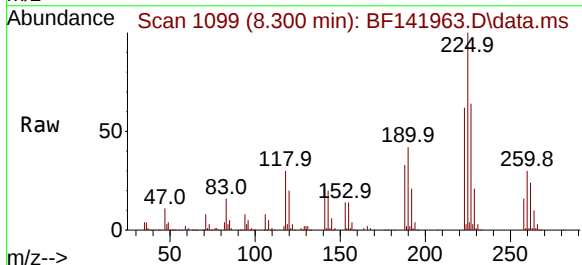
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

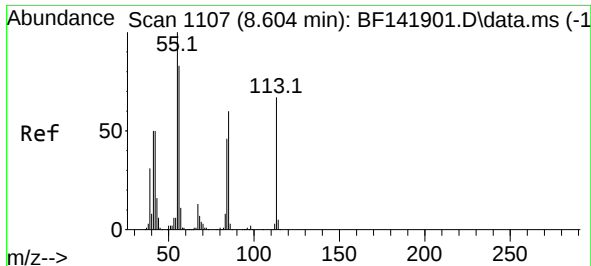
Tgt Ion:	127	Resp:	101607
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.4
65	28.8	25.4	38.2
92	19.9	16.2	24.4



#34
Hexachlorobutadiene
Concen: 49.422 ng
RT: 8.300 min Scan# 1099
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion:	225	Resp:	291915
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	75.8
227	64.3	52.2	78.2

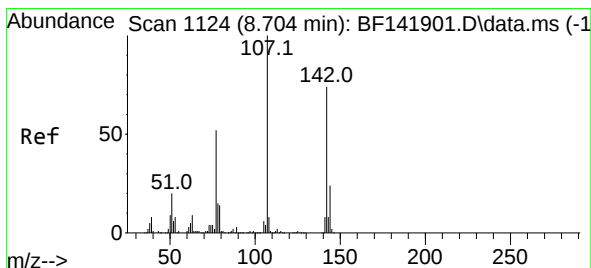
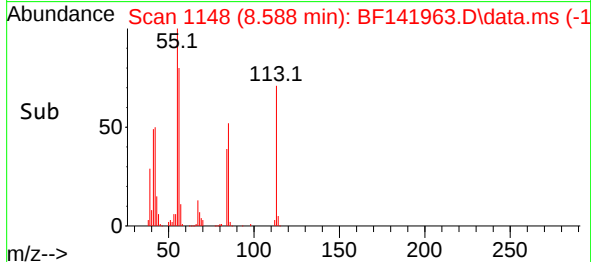
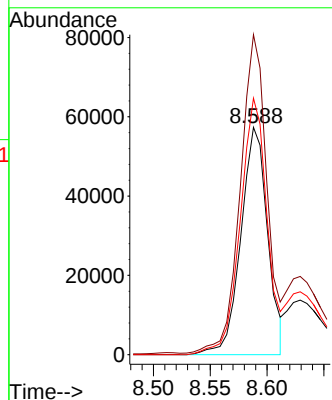
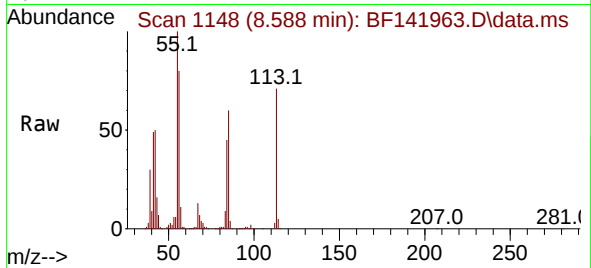




#35
Caprolactam
Concen: 37.397 ng
RT: 8.588 min Scan# 1107
Delta R.T. -0.016 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

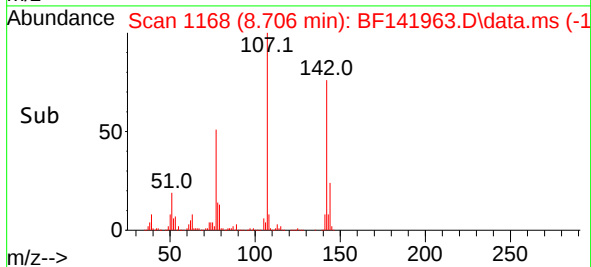
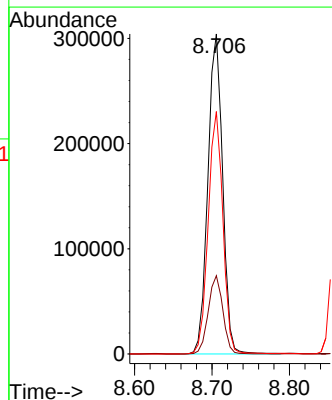
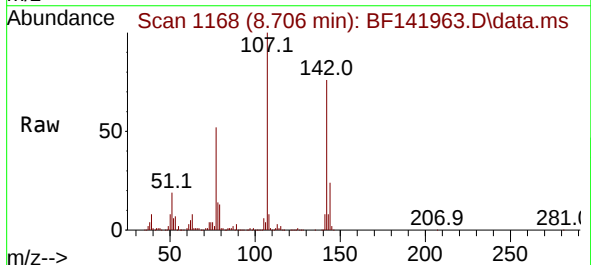
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

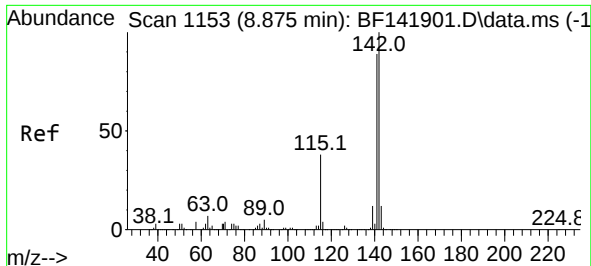
Tgt Ion:113 Resp: 93702
Ion Ratio Lower Upper
113 100
55 140.8 129.6 169.6
56 112.8 104.0 144.0



#36
4-Chloro-3-methylphenol
Concen: 43.896 ng
RT: 8.706 min Scan# 1168
Delta R.T. 0.002 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion:107 Resp: 402432
Ion Ratio Lower Upper
107 100
144 24.4 19.0 28.6
142 75.7 59.2 88.8

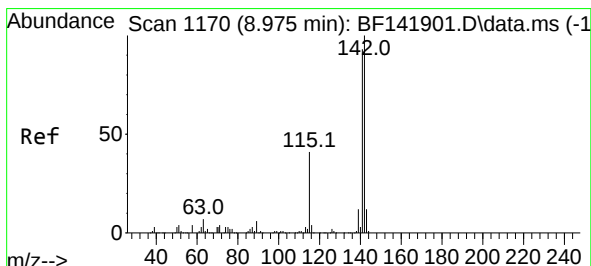
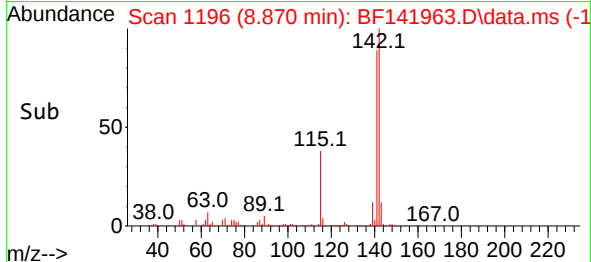
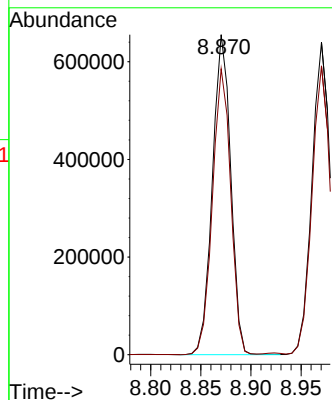
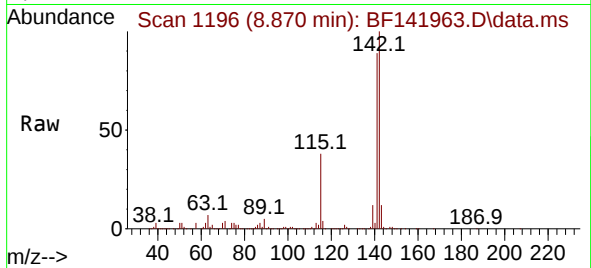




#37
2-Methylnaphthalene
Concen: 43.716 ng
RT: 8.870 min Scan# 1153
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

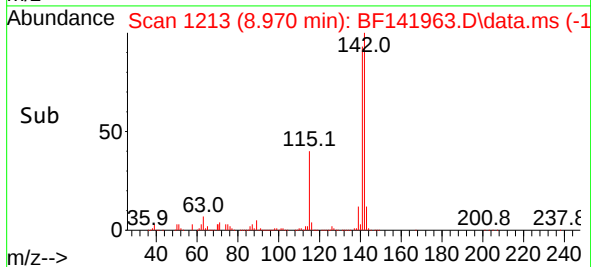
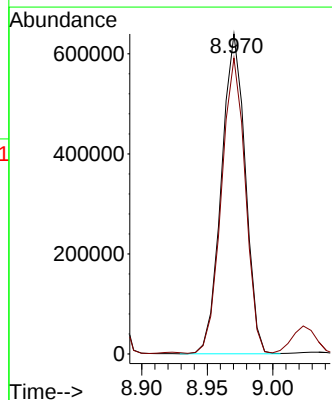
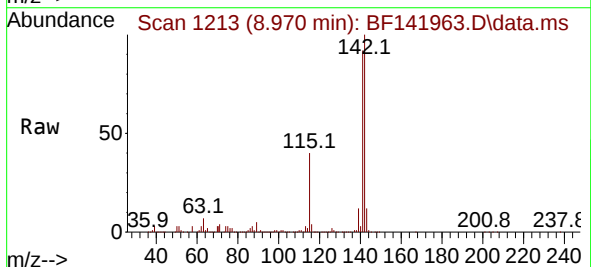
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

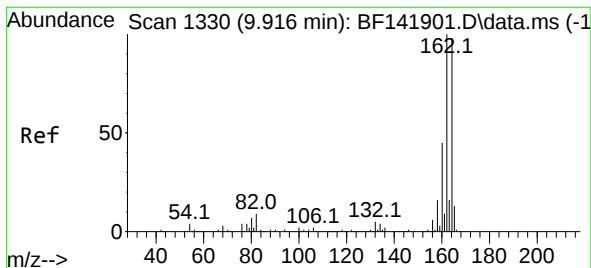
Tgt Ion:142 Resp: 832491
Ion Ratio Lower Upper
142 100
141 89.4 71.2 106.8



#38
1-Methylnaphthalene
Concen: 43.951 ng
RT: 8.970 min Scan# 1213
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion:142 Resp: 807650
Ion Ratio Lower Upper
142 100
141 92.5 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.911 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

Instrument :

BNA_F

ClientSampleId :

CTWK-COMPMS

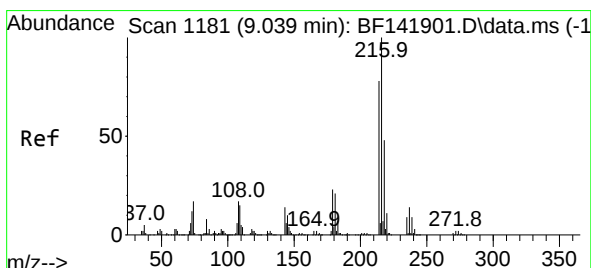
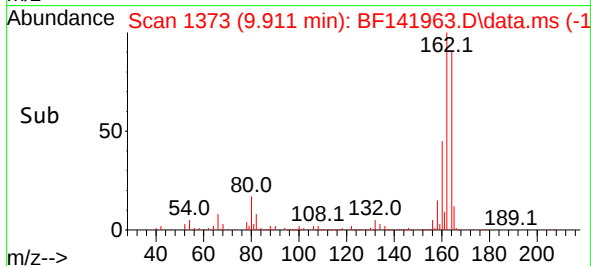
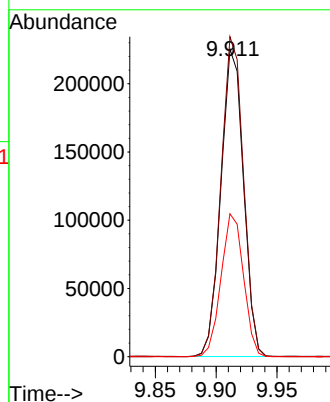
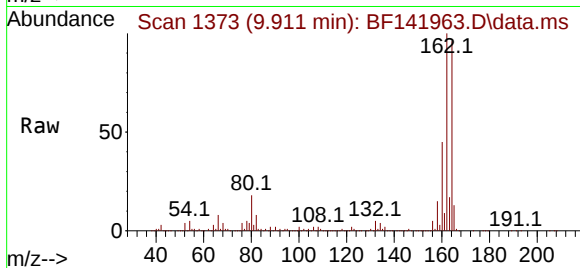
Tgt Ion:164 Resp: 290205

Ion Ratio Lower Upper

164 100

162 104.0 81.8 122.6

160 46.4 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.146 ng

RT: 9.035 min Scan# 1224

Delta R.T. -0.004 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

Tgt Ion:216 Resp: 496079

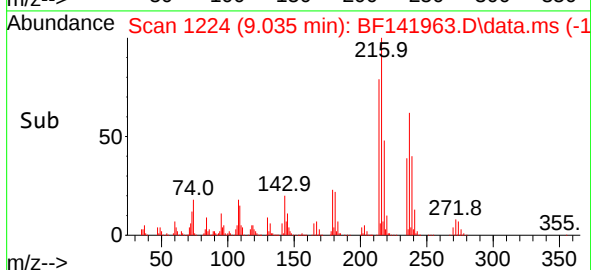
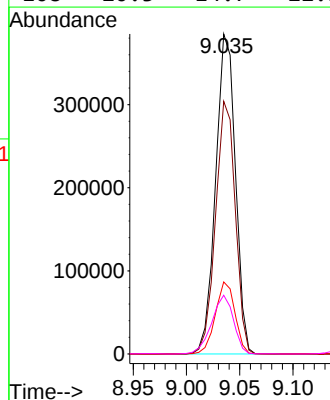
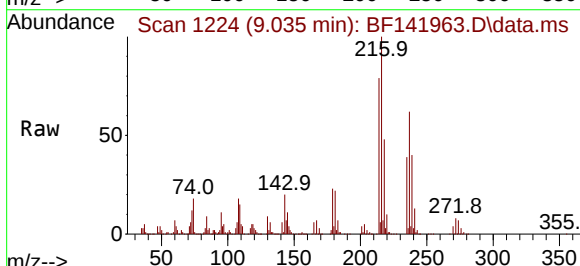
Ion Ratio Lower Upper

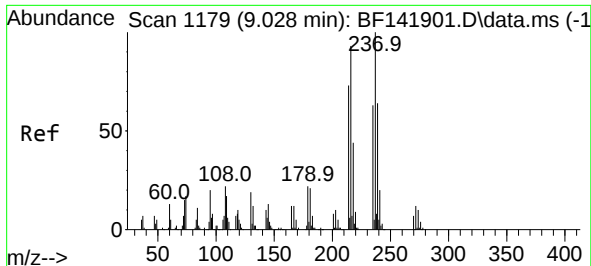
216 100

214 78.8 61.9 92.9

179 22.3 18.1 27.1

108 20.3 14.7 22.1

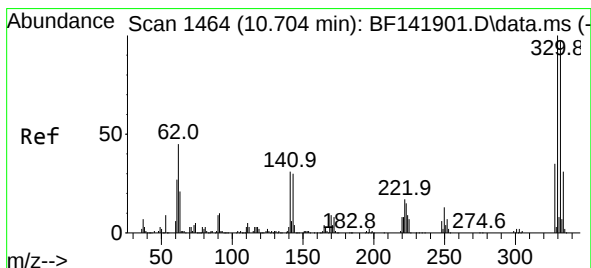
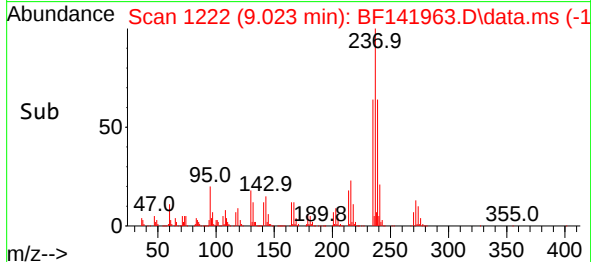
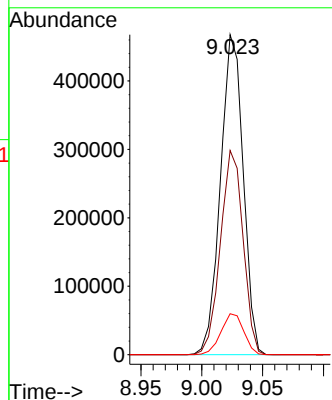
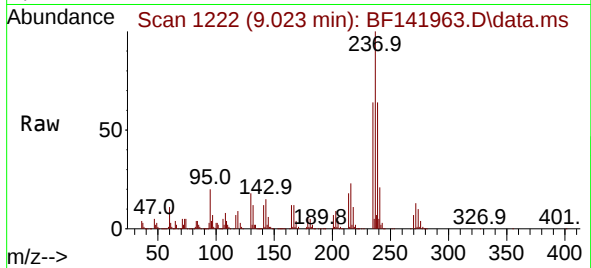




#41
Hexachlorocyclopentadiene
Concen: 175.898 ng
RT: 9.023 min Scan# 1179
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

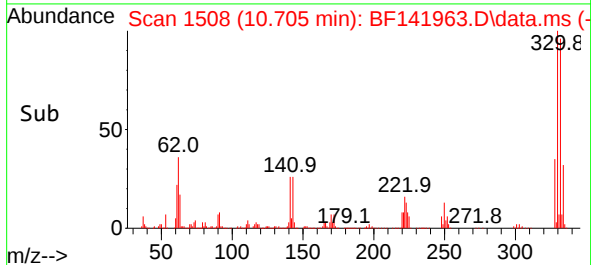
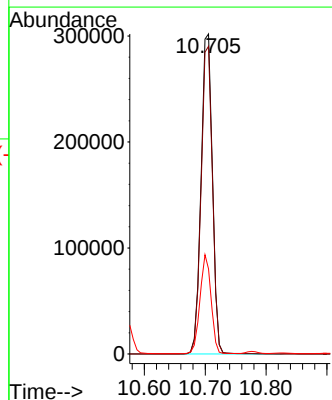
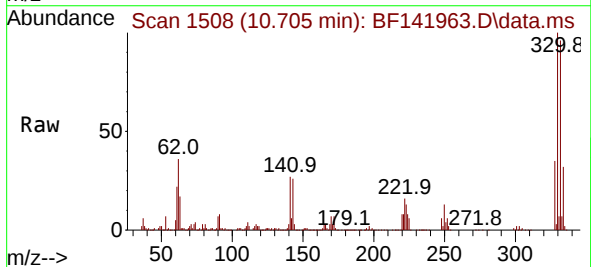
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

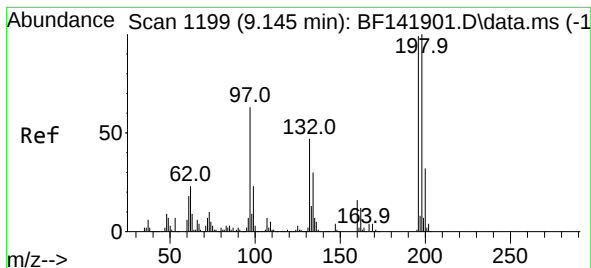
Tgt Ion:237 Resp: 608236
Ion Ratio Lower Upper
237 100
235 63.8 43.1 83.1
272 12.8 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 106.557 ng
RT: 10.705 min Scan# 1508
Delta R.T. 0.002 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion:330 Resp: 392302
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 29.9 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 49.356 ng

RT: 9.147 min Scan# 1199

Delta R.T. 0.002 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

Instrument :

BNA_F

ClientSampleId :

CTWK-COMPMS

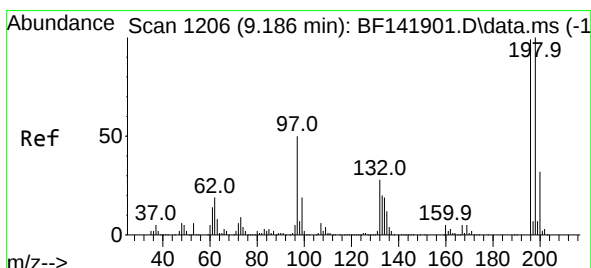
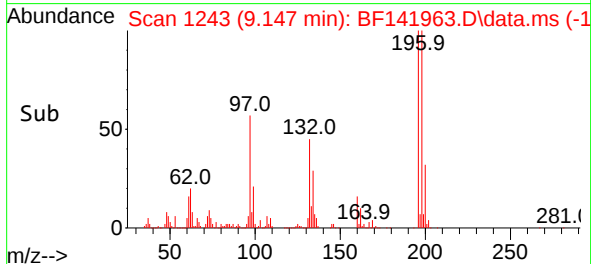
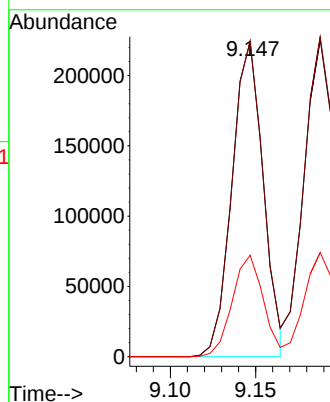
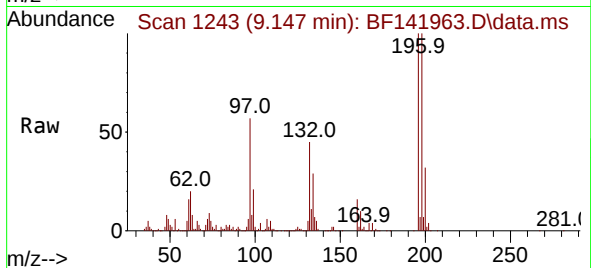
Tgt Ion:196 Resp: 284998

Ion Ratio Lower Upper

196 100

198 100.2 80.6 121.0

200 32.2 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 49.575 ng

RT: 9.188 min Scan# 1250

Delta R.T. 0.002 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

Tgt Ion:196 Resp: 289931

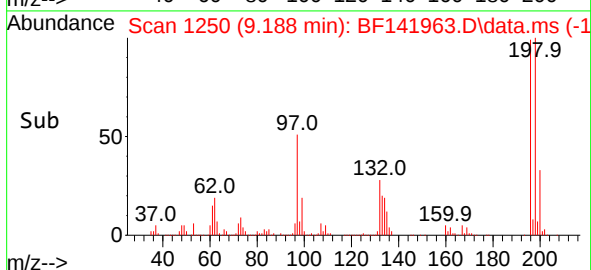
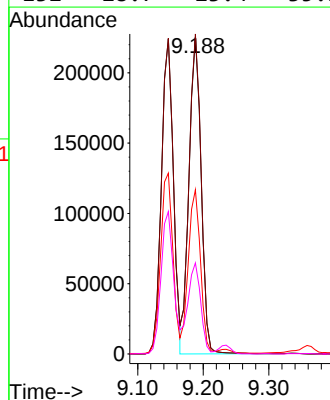
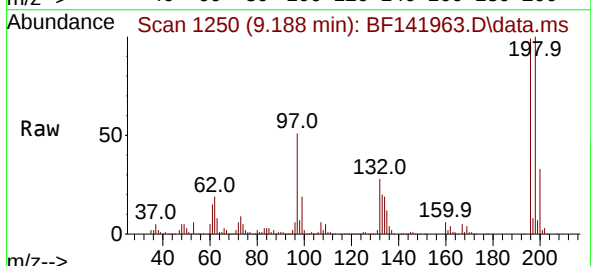
Ion Ratio Lower Upper

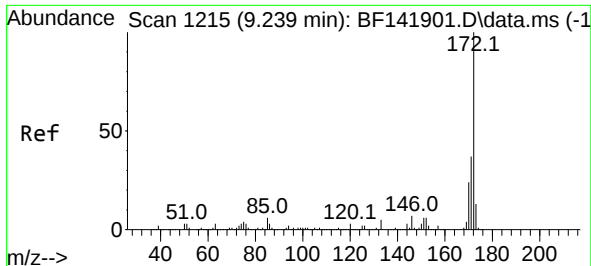
196 100

198 101.0 80.7 121.1

97 51.8 42.1 63.1

132 28.7 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 82.561 ng

RT: 9.235 min Scan# 11

Delta R.T. -0.004 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

Instrument :

BNA_F

ClientSampleId :

CTWK-COMPMS

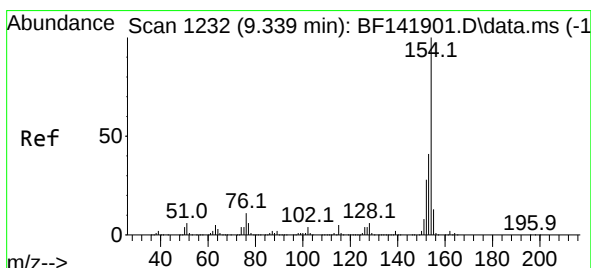
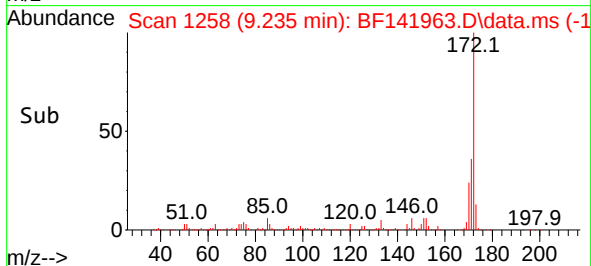
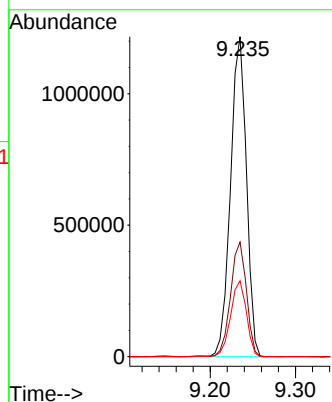
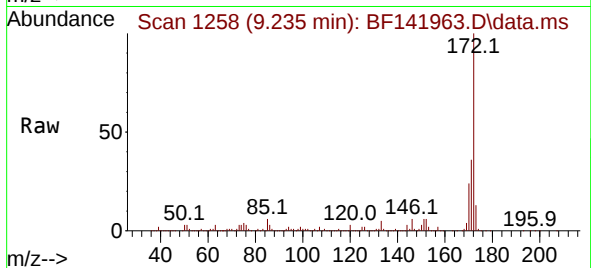
Tgt Ion:172 Resp: 1575451

Ion Ratio Lower Upper

172 100

171 35.8 29.3 43.9

170 23.7 19.4 29.0



#46

1,1'-Biphenyl

Concen: 54.228 ng

RT: 9.335 min Scan# 1275

Delta R.T. -0.004 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

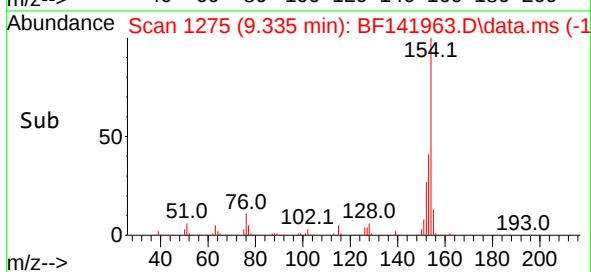
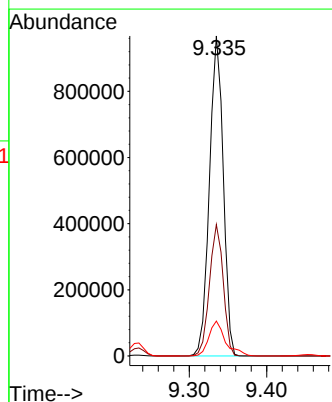
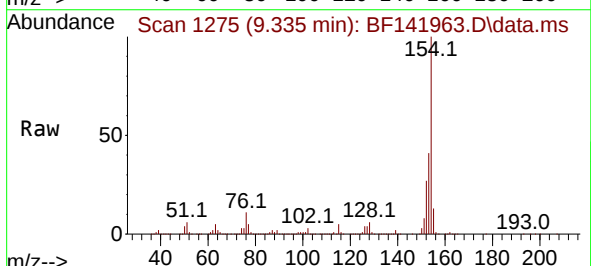
Tgt Ion:154 Resp: 1195740

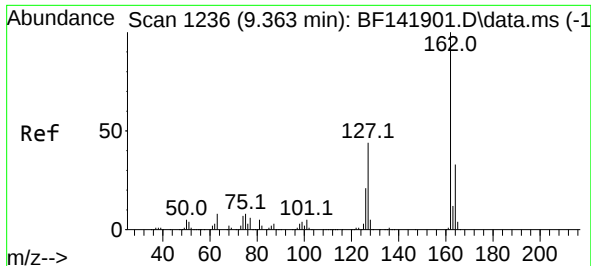
Ion Ratio Lower Upper

154 100

153 41.0 21.1 61.1

76 10.9 0.0 31.3

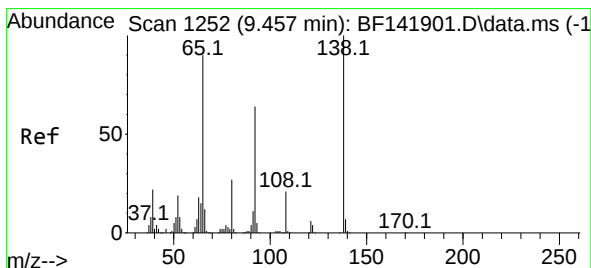
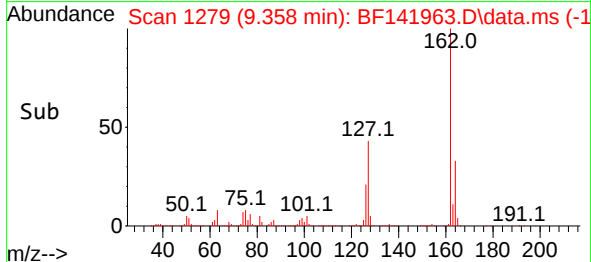
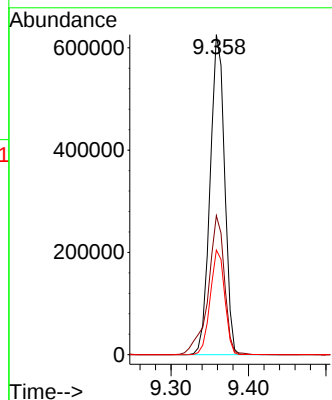
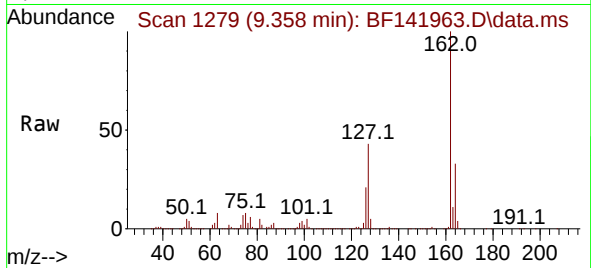




#47
2-Chloronaphthalene
Concen: 49.320 ng
RT: 9.358 min Scan# 11
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

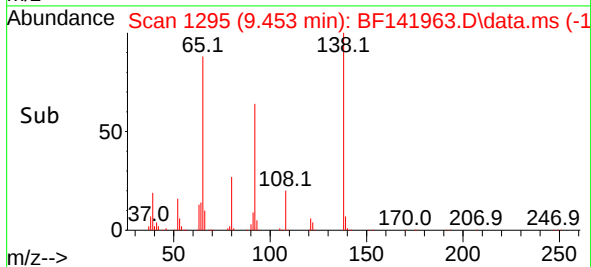
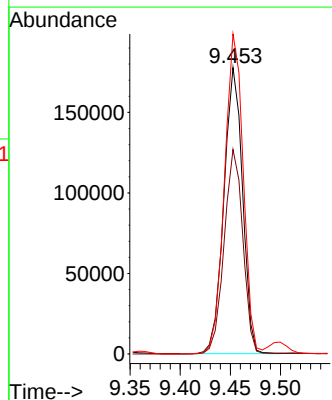
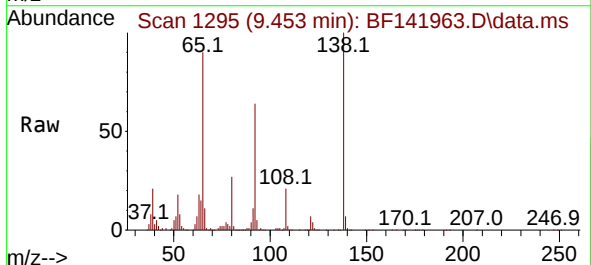
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

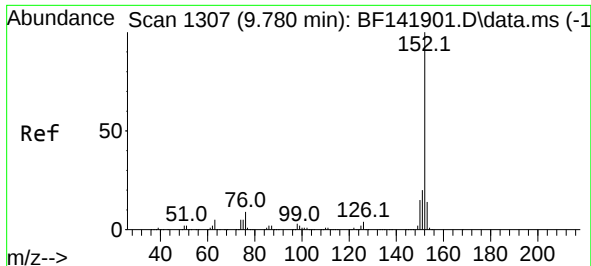
Tgt Ion:162 Resp: 810581
Ion Ratio Lower Upper
162 100
127 43.4 35.5 53.3
164 32.7 26.6 40.0



#48
2-Nitroaniline
Concen: 48.143 ng
RT: 9.453 min Scan# 1295
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion: 65 Resp: 229094
Ion Ratio Lower Upper
65 100
92 71.4 56.6 84.8
138 111.7 88.6 133.0





#49

Acenaphthylene

Concen: 50.761 ng

RT: 9.776 min Scan# 1

Delta R.T. -0.004 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

Instrument :

BNA_F

ClientSampleId :

CTWK-COMPMS

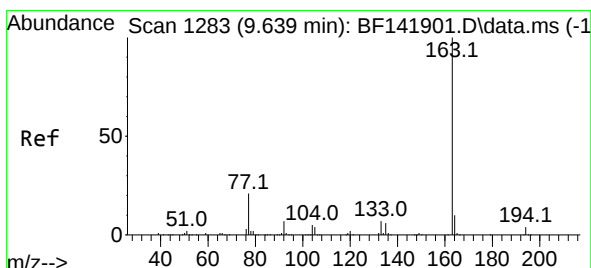
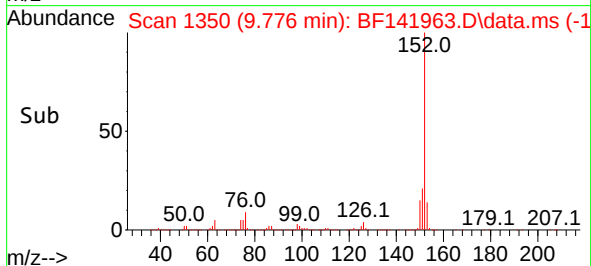
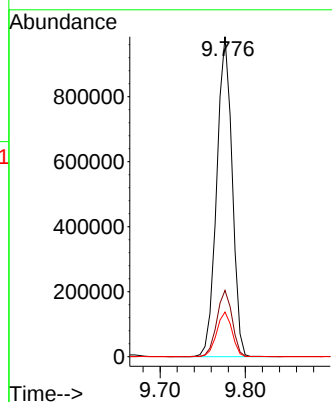
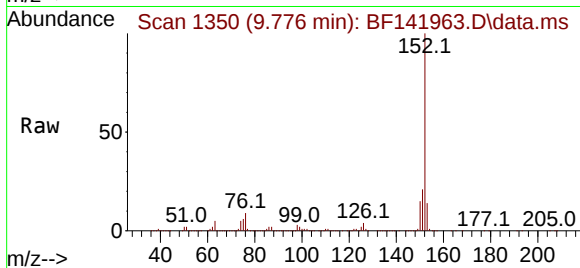
Tgt Ion:152 Resp: 1238019

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

153 14.0 11.1 16.7



#50

Dimethylphthalate

Concen: 46.932 ng

RT: 9.635 min Scan# 1326

Delta R.T. -0.004 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

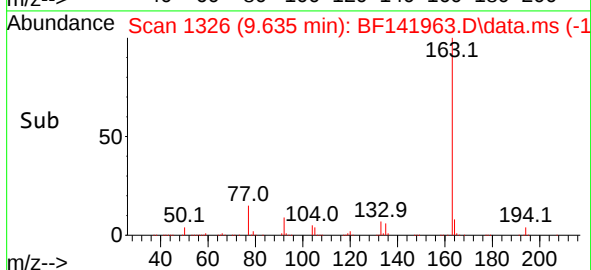
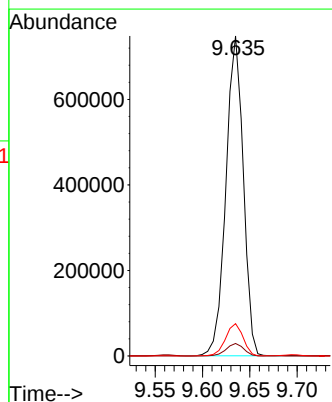
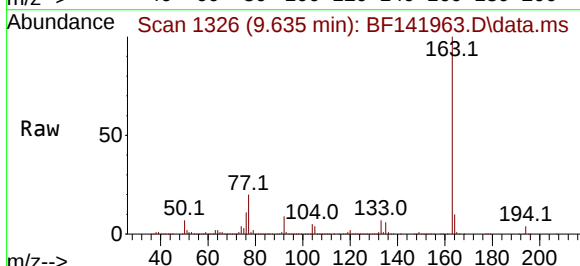
Tgt Ion:163 Resp: 953769

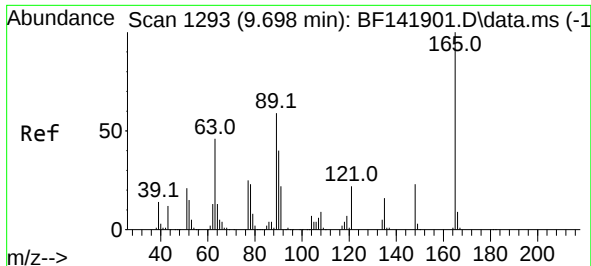
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 47.878 ng

RT: 9.694 min Scan# 11

Delta R.T. -0.004 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

Instrument :

BNA_F

ClientSampleId :

CTWK-COMPMS

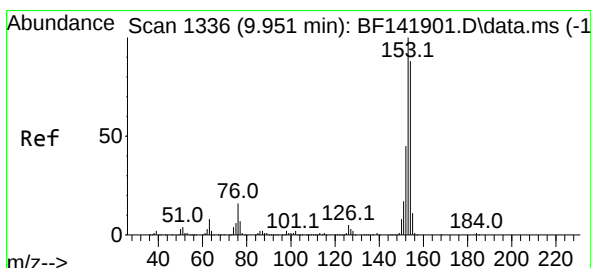
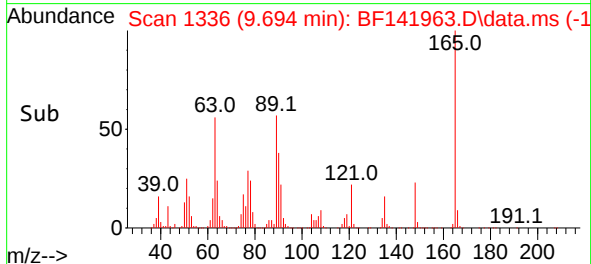
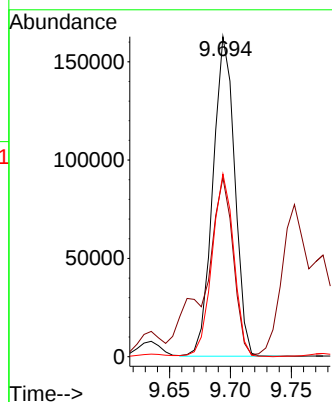
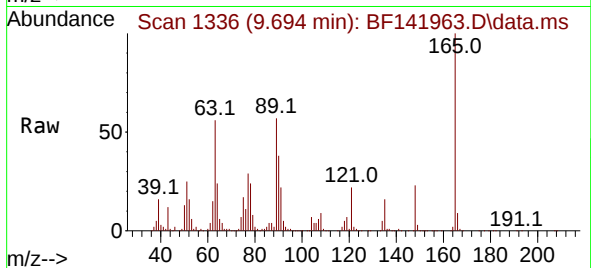
Tgt Ion:165 Resp: 202588

Ion Ratio Lower Upper

165 100

63 56.0 47.0 70.4

89 57.1 47.4 71.2



#52

Acenaphthene

Concen: 52.806 ng

RT: 9.947 min Scan# 1379

Delta R.T. -0.004 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

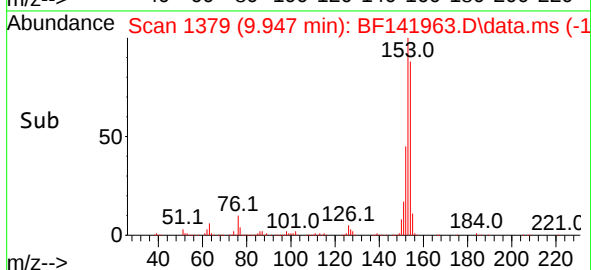
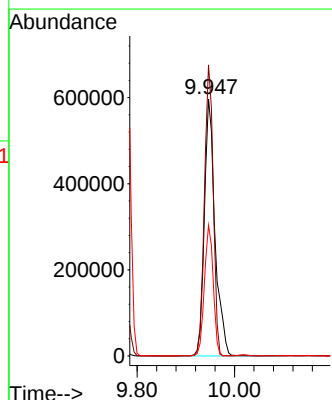
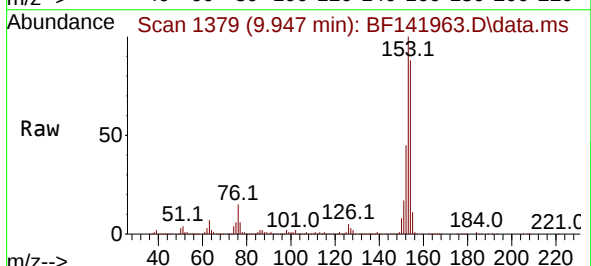
Tgt Ion:154 Resp: 905067

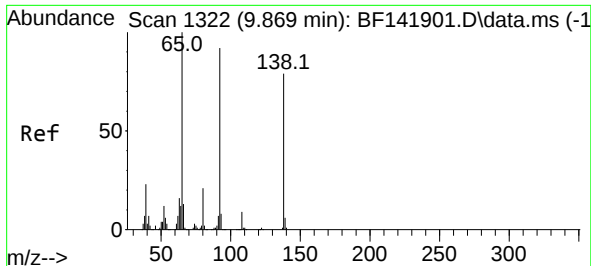
Ion Ratio Lower Upper

154 100

153 113.4 90.7 136.1

152 50.9 41.1 61.7

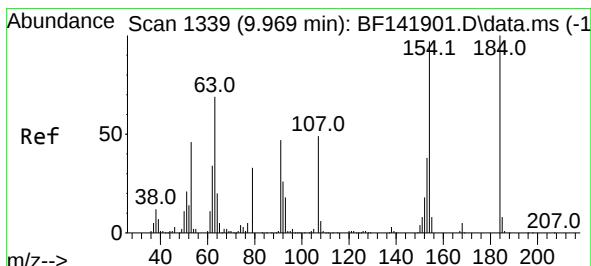
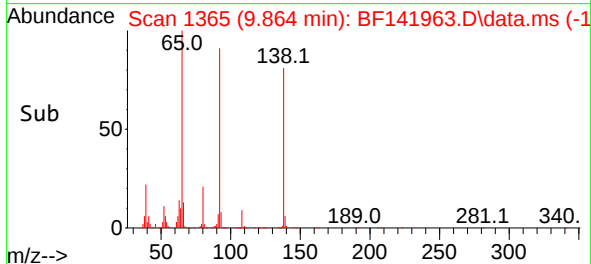
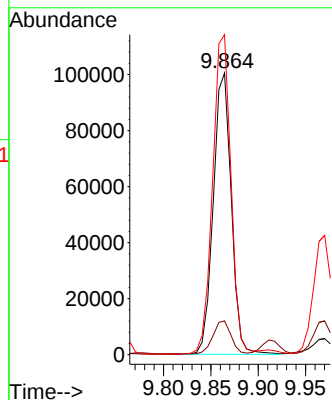
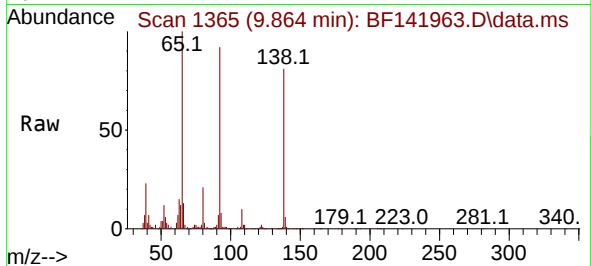




#53
3-Nitroaniline
Concen: 30.844 ng
RT: 9.864 min Scan# 11
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

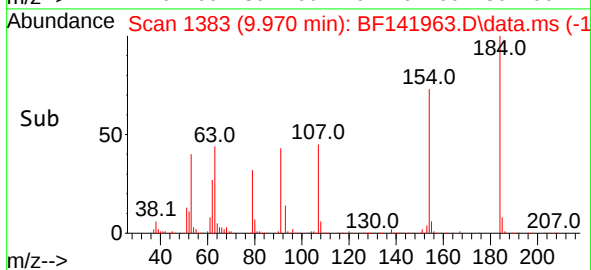
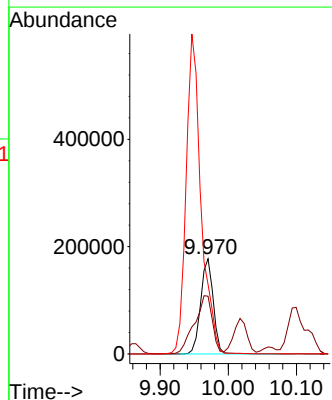
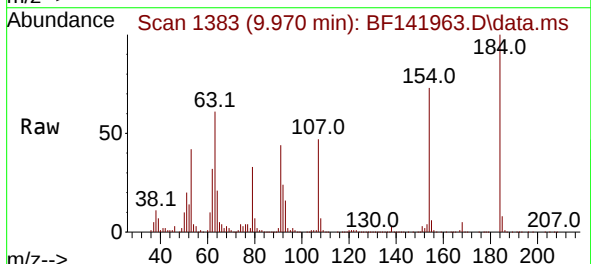
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

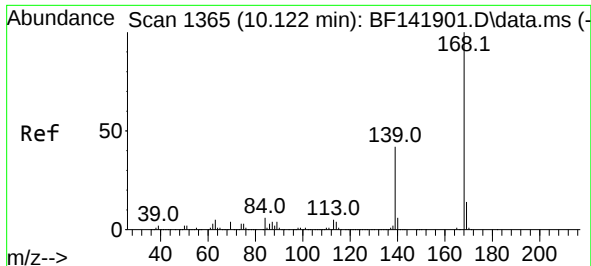
Tgt Ion:138 Resp: 132384
Ion Ratio Lower Upper
138 100
108 12.0 9.3 13.9
92 113.6 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 93.764 ng
RT: 9.970 min Scan# 1383
Delta R.T. 0.001 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion:184 Resp: 228381
Ion Ratio Lower Upper
184 100
63 60.8 60.2 90.4
154 73.2 132.9 199.3#

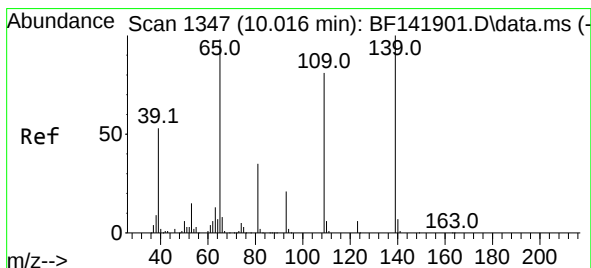
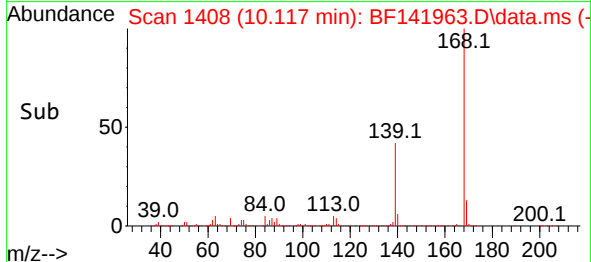
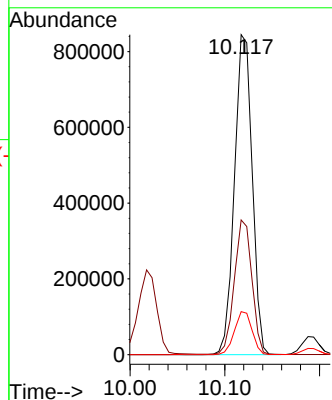
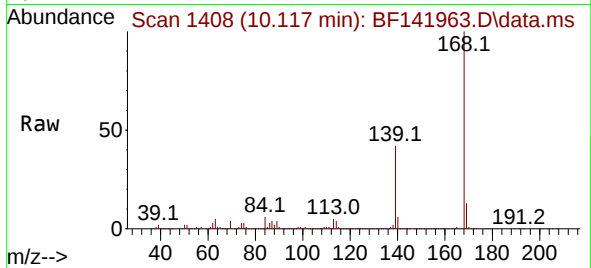




#55
Dibenzenofuran
Concen: 44.809 ng
RT: 10.117 min Scan# 1408
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

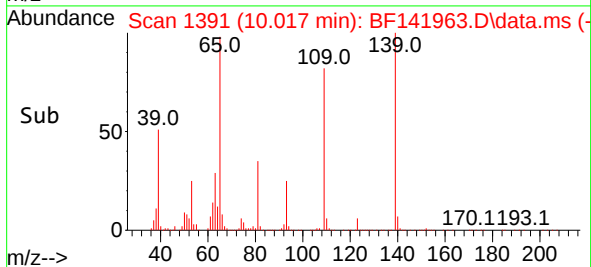
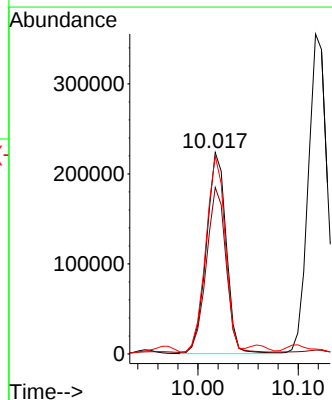
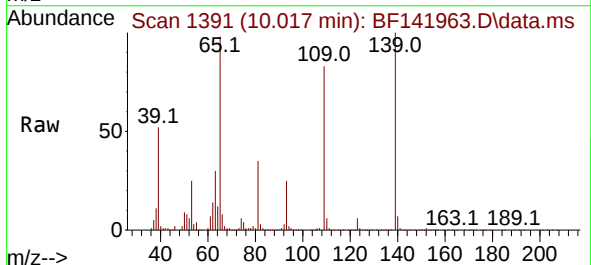
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

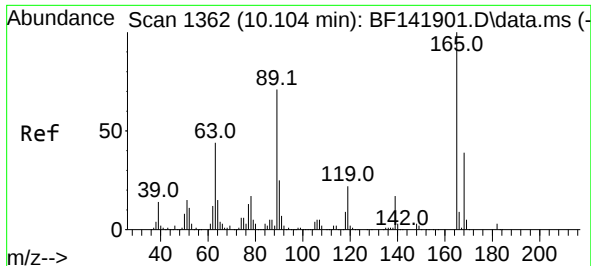
Tgt Ion:168 Resp: 1097396
Ion Ratio Lower Upper
168 100
139 42.1 33.9 50.9
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 95.114 ng
RT: 10.017 min Scan# 1391
Delta R.T. 0.002 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion:139 Resp: 307864
Ion Ratio Lower Upper
139 100
109 82.6 61.6 101.6
65 98.4 79.4 119.4





#57

2,4-Dinitrotoluene

Concen: 49.022 ng

RT: 10.100 min Scan# 1405

Delta R.T. -0.004 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

Instrument :

BNA_F

ClientSampleId :

CTWK-COMPMS

Tgt Ion:165 Resp: 270918

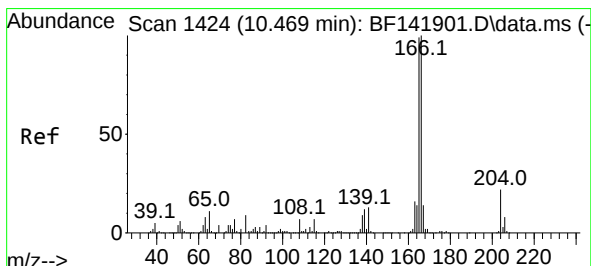
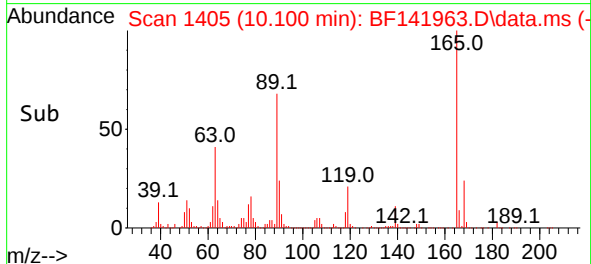
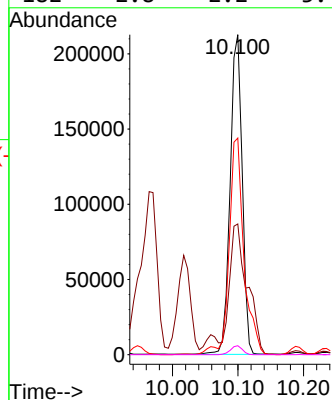
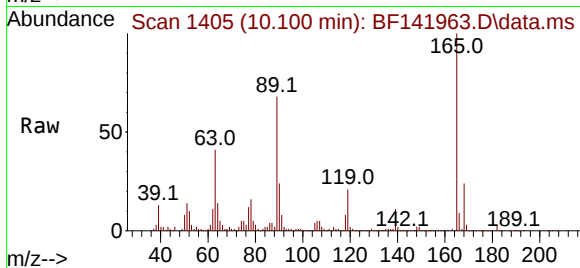
Ion Ratio Lower Upper

165 100

63 40.8 35.4 53.2

89 67.7 56.6 84.8

182 2.8 2.2 3.4



#58

Fluorene

Concen: 45.383 ng

RT: 10.464 min Scan# 1467

Delta R.T. -0.004 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

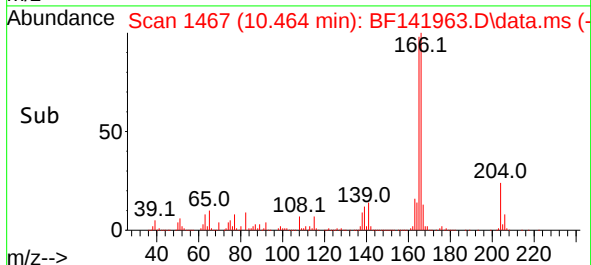
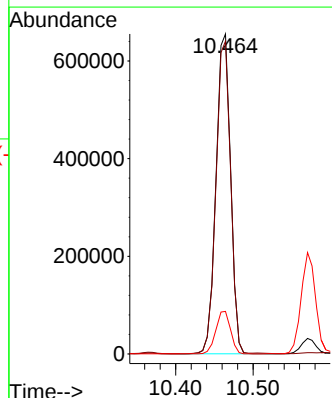
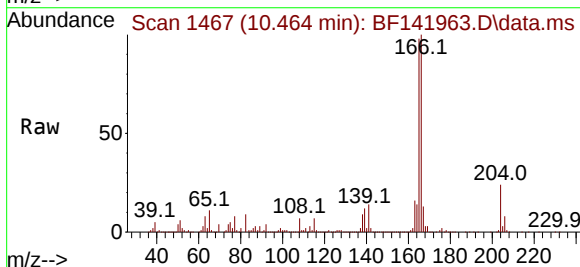
Tgt Ion:166 Resp: 857103

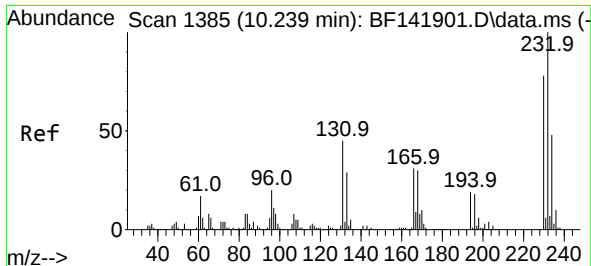
Ion Ratio Lower Upper

166 100

165 97.8 79.0 118.4

167 13.3 11.0 16.4

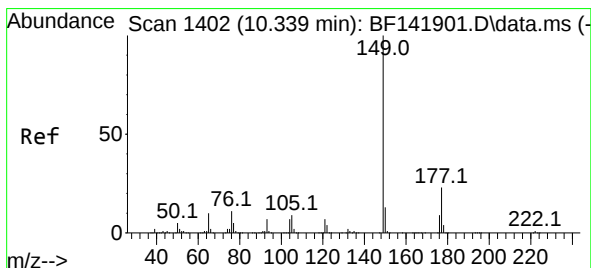
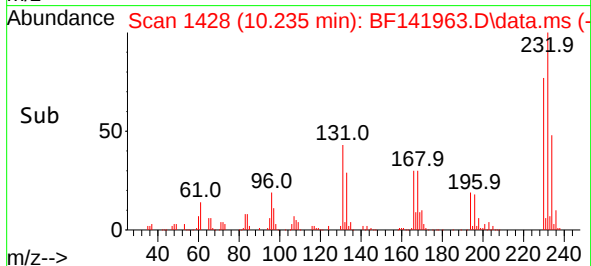
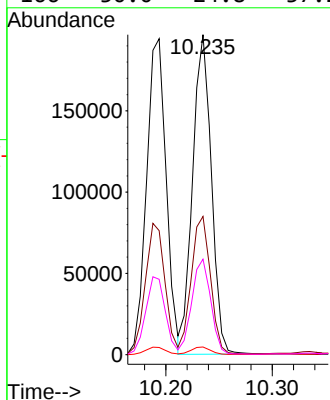
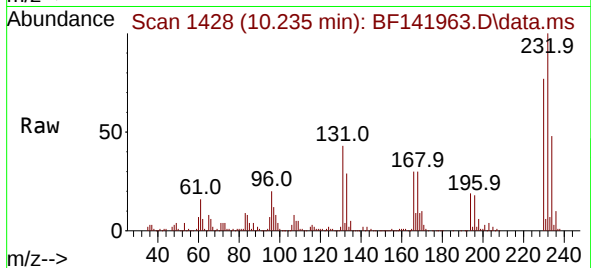




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.325 ng
RT: 10.235 min Scan# 1445
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

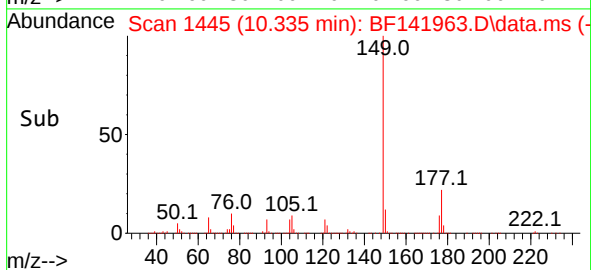
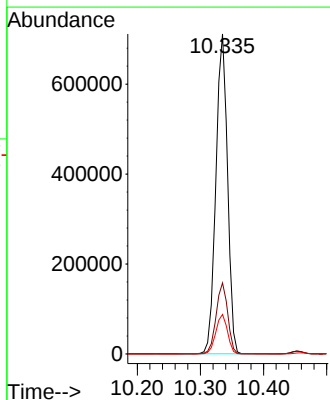
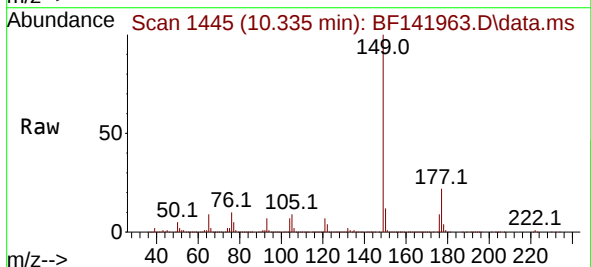
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

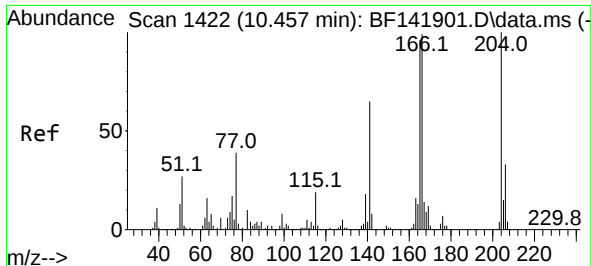
Tgt Ion:232 Resp: 241212
Ion Ratio Lower Upper
232 100
131 44.3 37.3 55.9
130 2.7 1.9 2.9
166 30.0 24.8 37.2



#60
Diethylphthalate
Concen: 44.810 ng
RT: 10.335 min Scan# 1445
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion:149 Resp: 908024
Ion Ratio Lower Upper
149 100
177 22.2 18.0 27.0
150 12.4 10.2 15.4

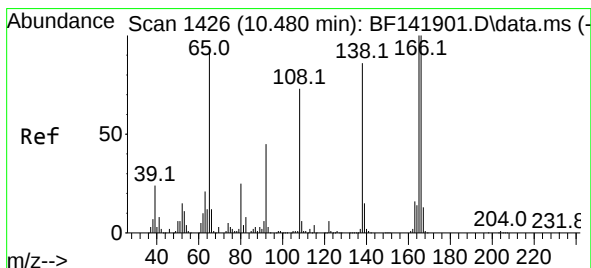
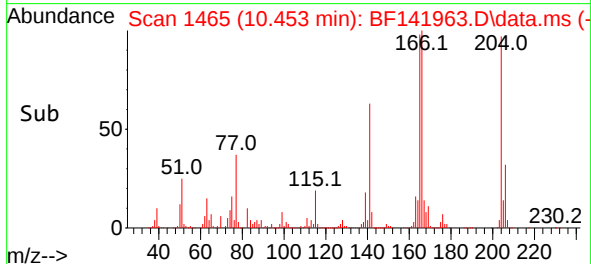
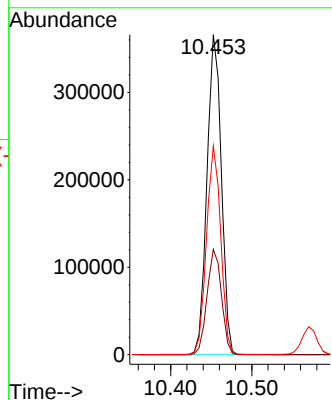
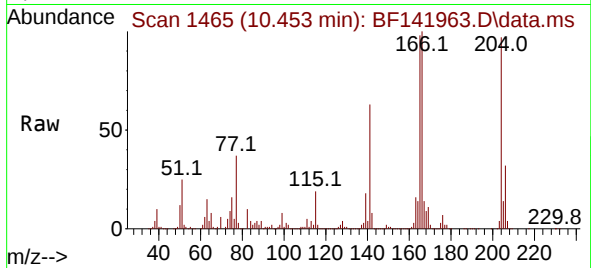




#61
4-Chlorophenyl-phenylether
Concen: 45.526 ng
RT: 10.453 min Scan# 1419
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

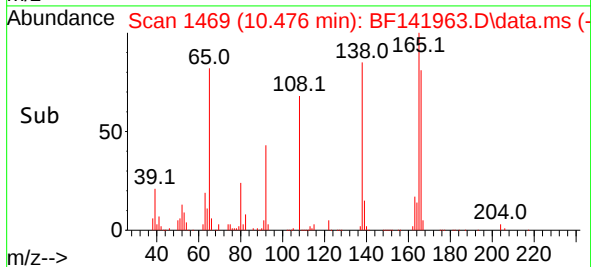
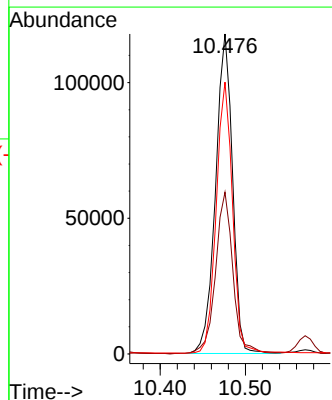
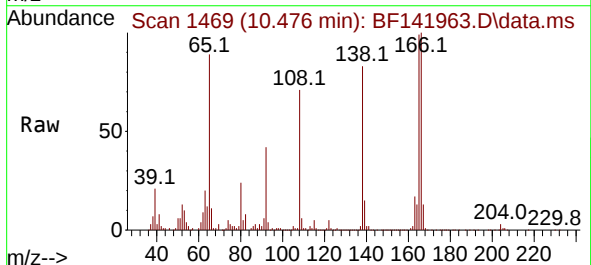
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

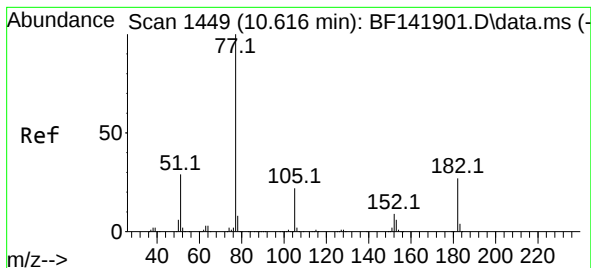
Tgt Ion:204 Resp: 448262
Ion Ratio Lower Upper
204 100
206 32.9 26.8 40.2
141 65.2 52.4 78.6



#62
4-Nitroaniline
Concen: 39.182 ng
RT: 10.476 min Scan# 1469
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion:138 Resp: 163725
Ion Ratio Lower Upper
138 100
92 50.6 32.6 72.6
108 84.9 65.0 105.0





#63

Azobenzene

Concen: 54.070 ng

RT: 10.617 min Scan# 1449

Delta R.T. 0.002 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

Instrument :

BNA_F

ClientSampleId :

CTWK-COMPMS

Tgt Ion: 77 Resp: 1018655

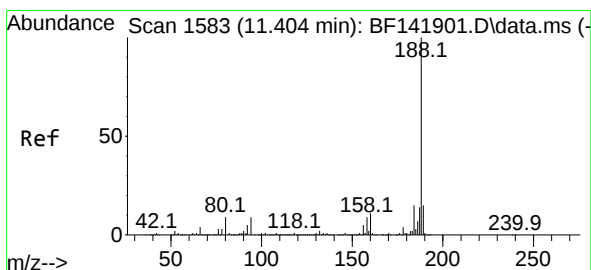
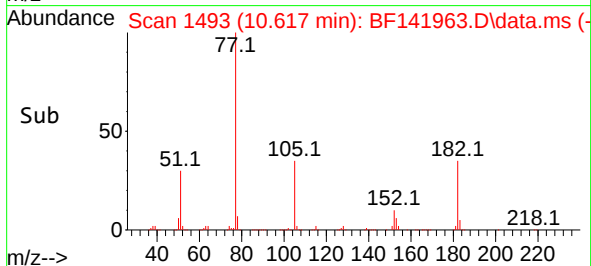
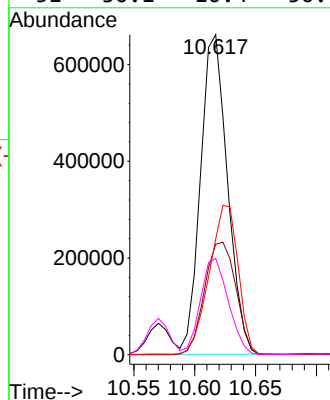
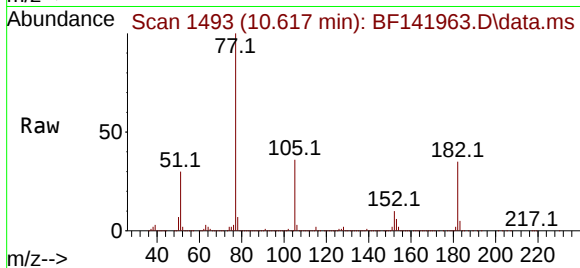
Ion Ratio Lower Upper

77 100

182 34.5 6.6 46.6

105 36.2 1.3 41.3

51 30.1 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.400 min Scan# 1626

Delta R.T. -0.004 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

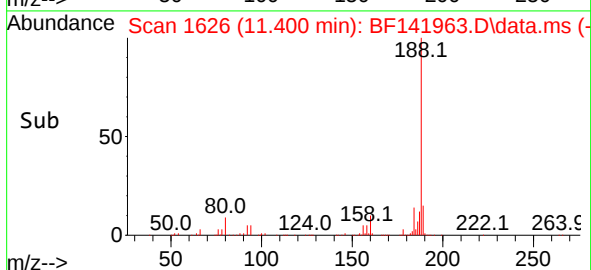
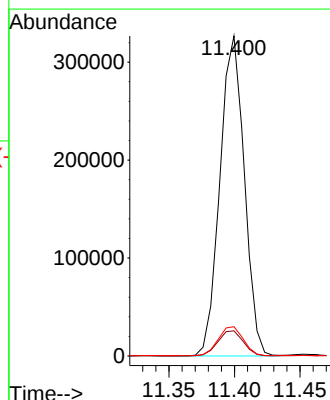
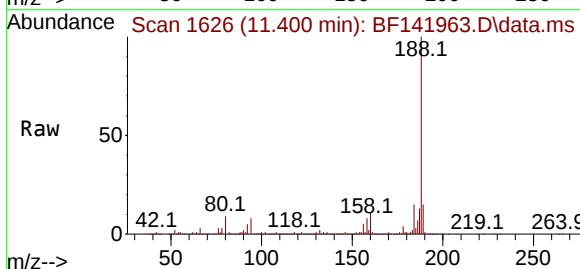
Tgt Ion:188 Resp: 422606

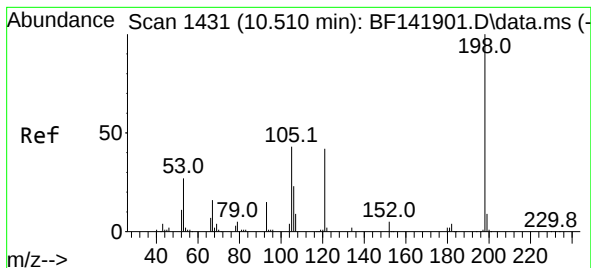
Ion Ratio Lower Upper

188 100

94 7.9 6.8 10.2

80 9.2 7.6 11.4

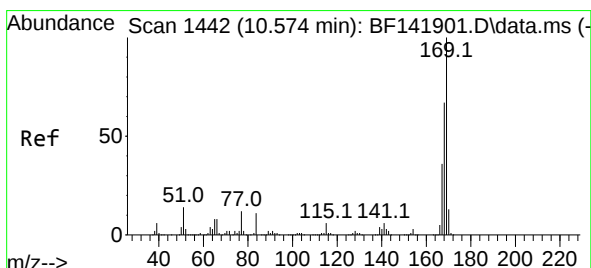
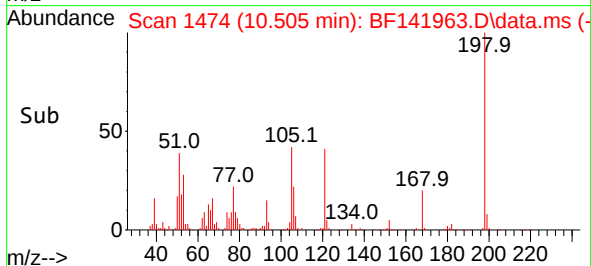
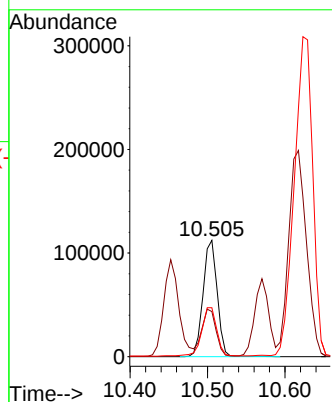
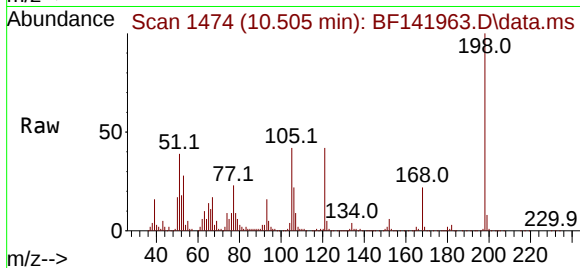




#65
4,6-Dinitro-2-methylphenol
Concen: 56.468 ng
RT: 10.505 min Scan# 1484
Delta R.T. -0.005 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

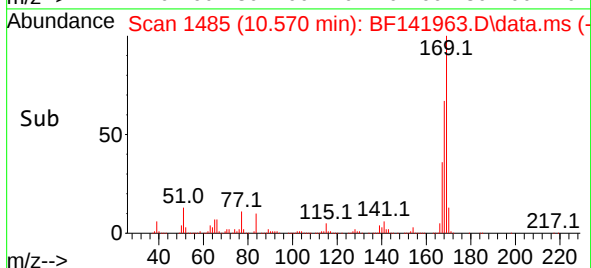
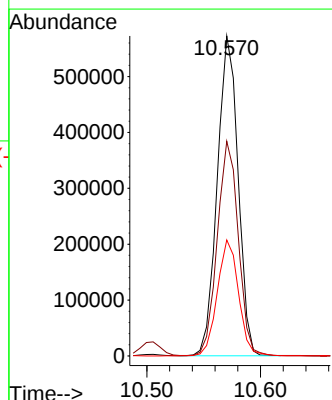
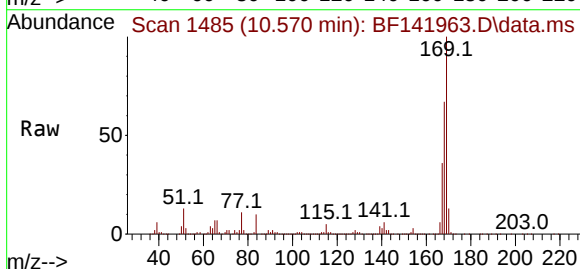
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

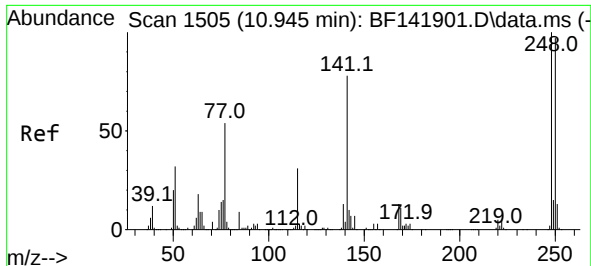
Tgt Ion:198 Resp: 142263
Ion Ratio Lower Upper
198 100
51 38.7 22.3 62.3
105 42.1 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 53.259 ng
RT: 10.570 min Scan# 1485
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion:169 Resp: 728349
Ion Ratio Lower Upper
169 100
168 67.1 53.7 80.5
167 36.3 29.2 43.8

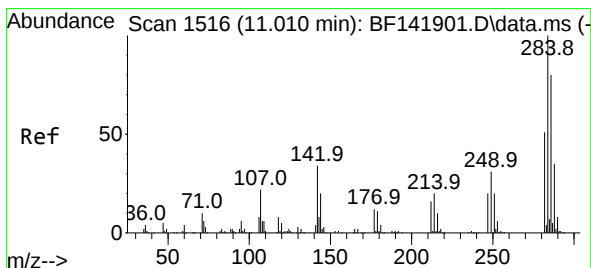
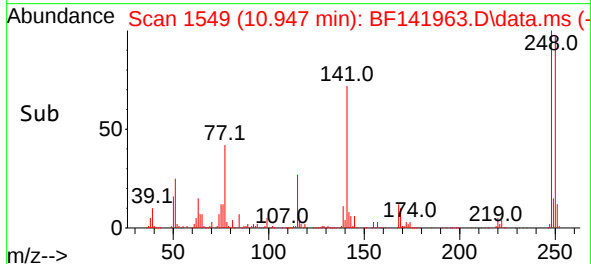
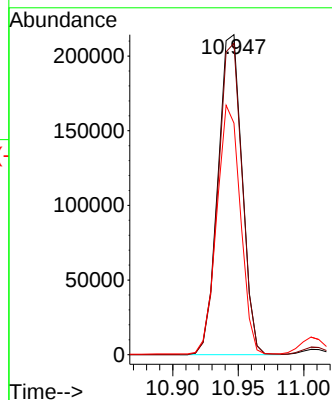
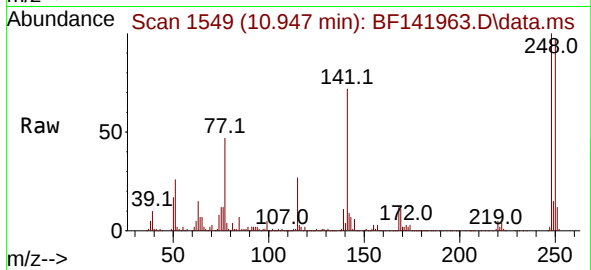




#67
4-Bromophenyl-phenylether
Concen: 51.651 ng
RT: 10.947 min Scan# 1549
Delta R.T. 0.002 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

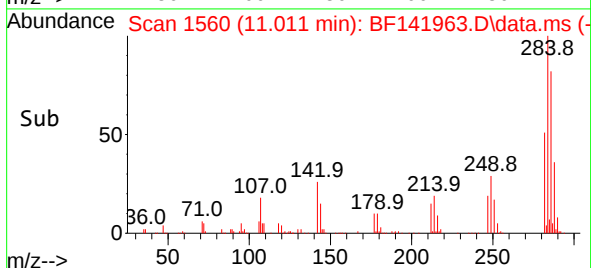
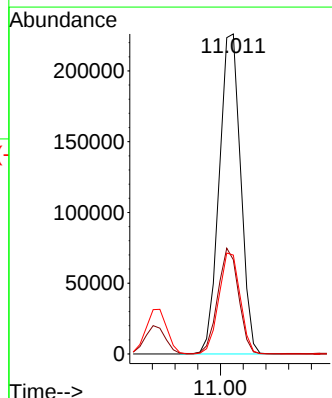
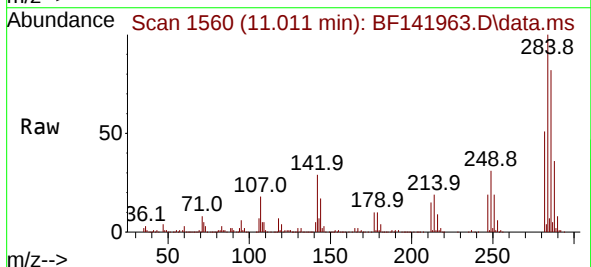
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

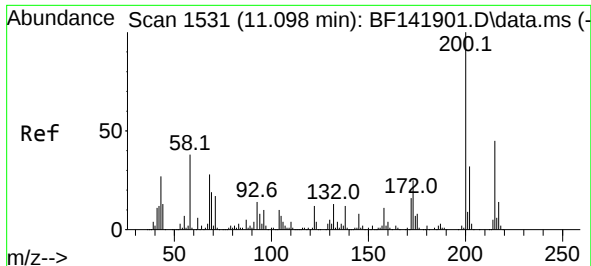
Tgt Ion:248 Resp: 274135
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.8
141 72.3 62.6 93.8



#68
Hexachlorobenzene
Concen: 50.870 ng
RT: 11.011 min Scan# 1560
Delta R.T. 0.002 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion:284 Resp: 296115
Ion Ratio Lower Upper
284 100
142 29.5 27.0 40.6
249 30.9 25.2 37.8

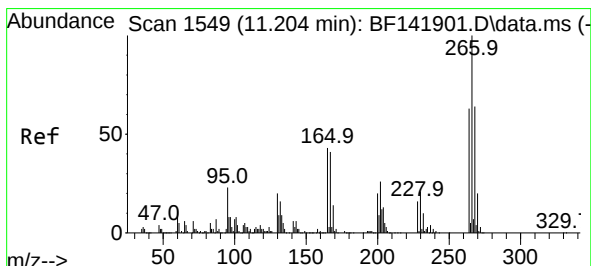
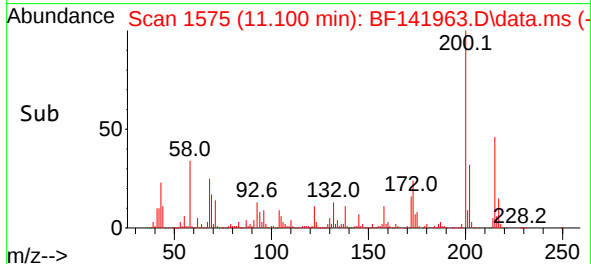
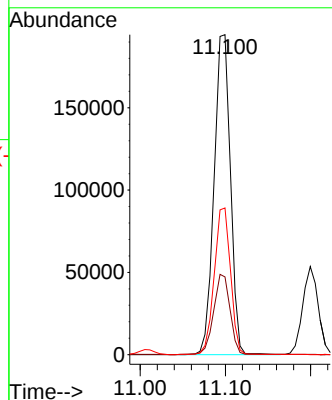
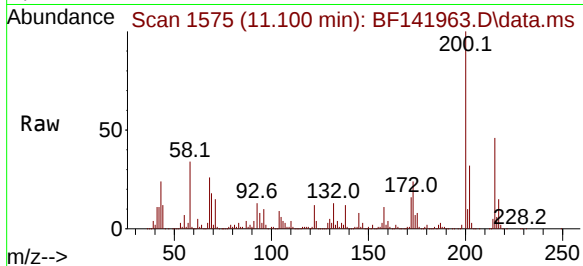




#69
 Atrazine
 Concen: 61.826 ng
 RT: 11.100 min Scan# 1592
 Delta R.T. 0.002 min
 Lab File: BF141963.D
 Acq: 14 Mar 2025 14:10

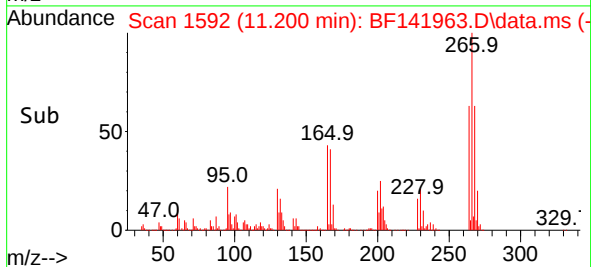
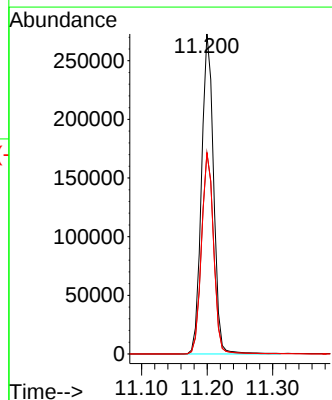
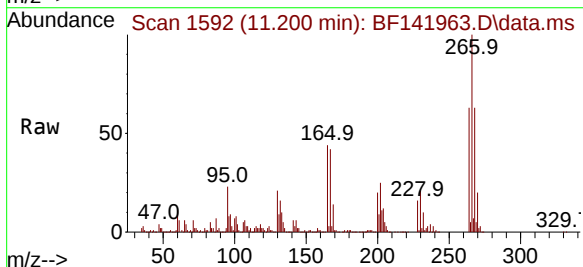
Instrument :
 BNA_F
 ClientSampleId :
 CTWK-COMPMS

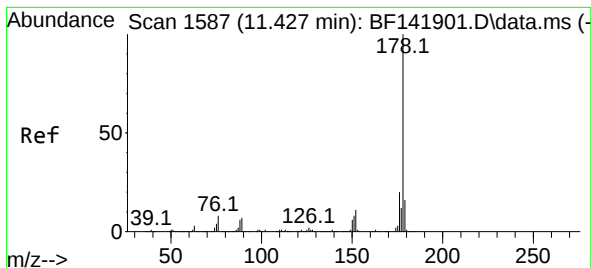
Tgt Ion:200 Resp: 259200
 Ion Ratio Lower Upper
 200 100
 173 24.3 4.7 44.7
 215 45.8 25.4 65.4



#70
 Pentachlorophenol
 Concen: 97.732 ng
 RT: 11.200 min Scan# 1592
 Delta R.T. -0.004 min
 Lab File: BF141963.D
 Acq: 14 Mar 2025 14:10

Tgt Ion:266 Resp: 350516
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.0 76.6
 264 63.0 50.2 75.2





#71

Phenanthrene

Concen: 50.305 ng

RT: 11.423 min Scan# 1630

Delta R.T. -0.004 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

Instrument :

BNA_F

ClientSampleId :

CTWK-COMPMS

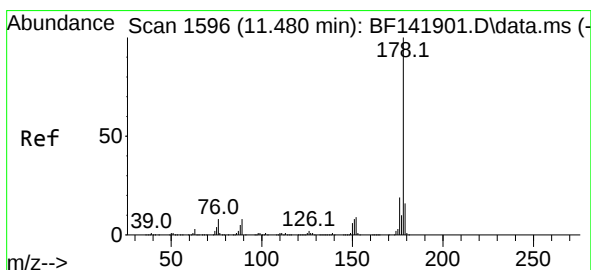
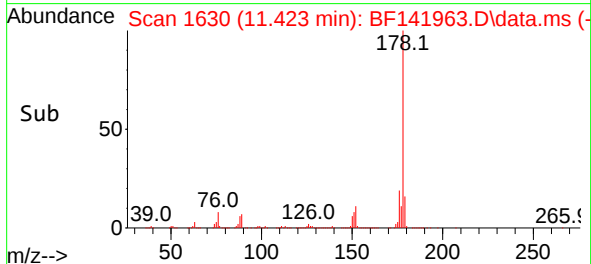
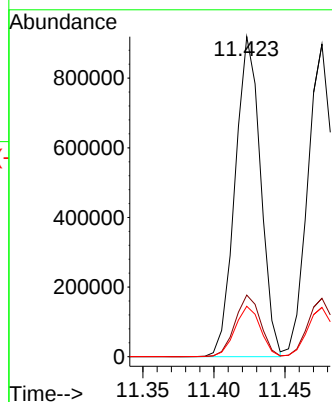
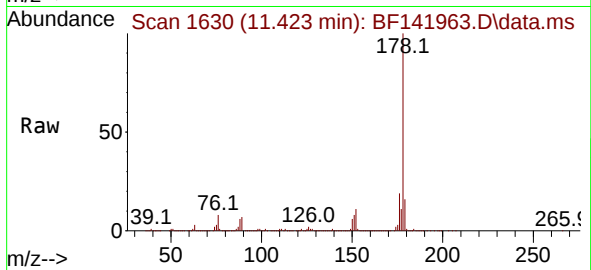
Tgt Ion:178 Resp: 1148274

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

179 15.7 12.6 19.0



#72

Anthracene

Concen: 48.927 ng

RT: 11.476 min Scan# 1639

Delta R.T. -0.004 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

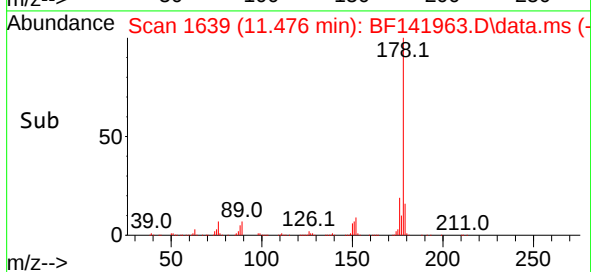
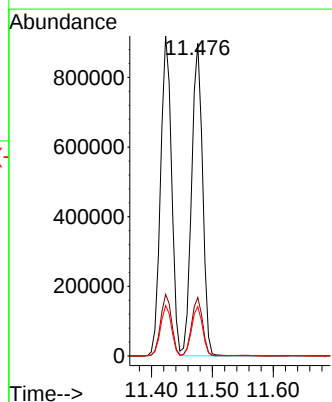
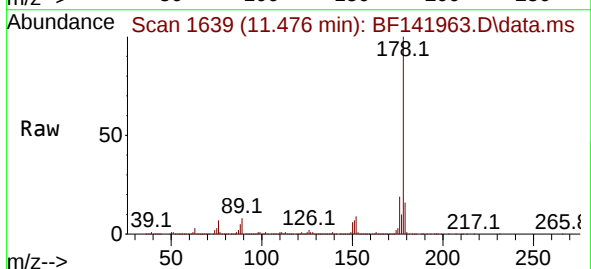
Tgt Ion:178 Resp: 1120473

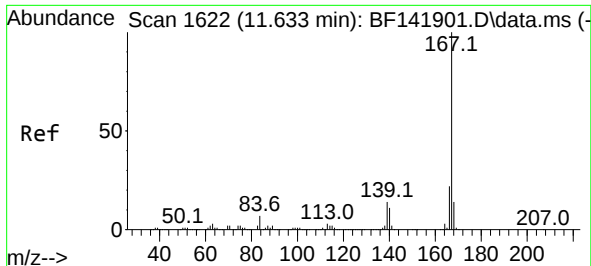
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.8 12.6 19.0

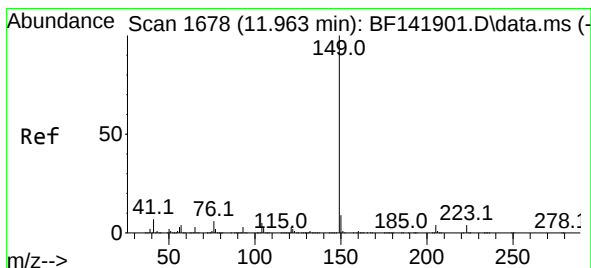
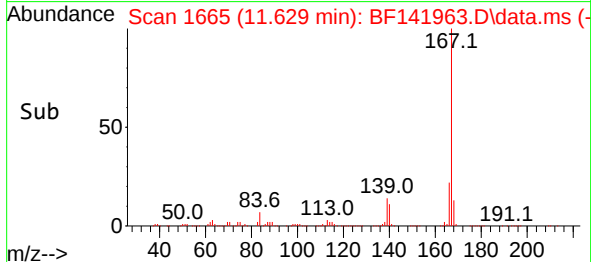
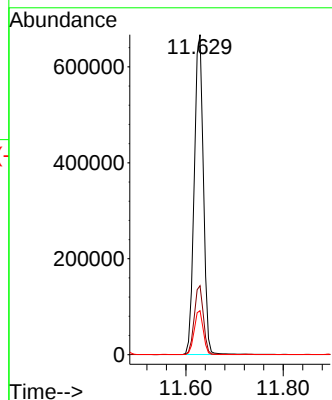
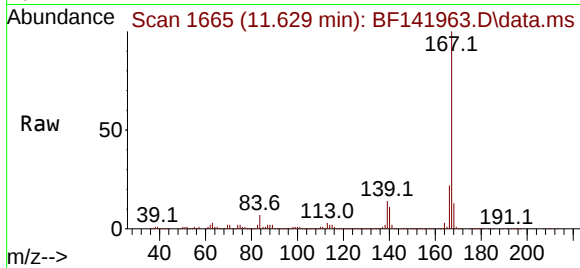




#73
 Carbazole
 Concen: 44.300 ng
 RT: 11.629 min Scan# 1
 Delta R.T. -0.004 min
 Lab File: BF141963.D
 Acq: 14 Mar 2025 14:10

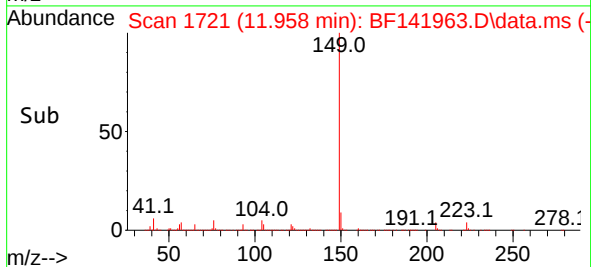
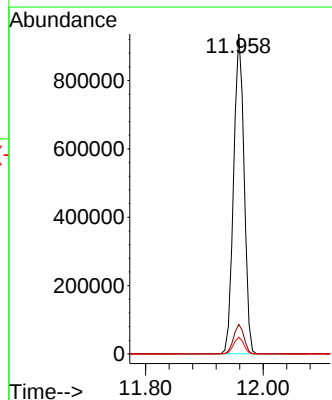
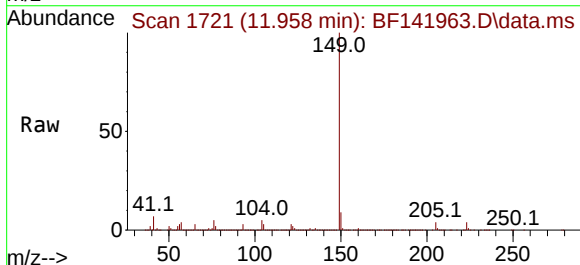
Instrument :
 BNA_F
 ClientSampleId :
 CTWK-COMPMS

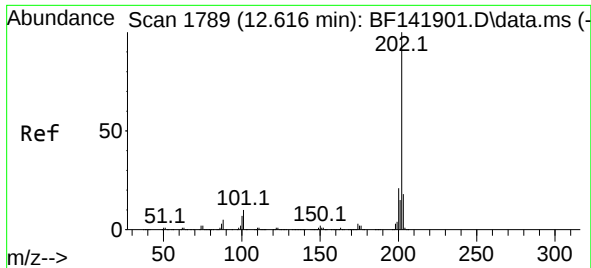
Tgt Ion:167 Resp: 874921
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.7 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 44.006 ng
 RT: 11.958 min Scan# 1721
 Delta R.T. -0.004 min
 Lab File: BF141963.D
 Acq: 14 Mar 2025 14:10

Tgt Ion:149 Resp: 1153211
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 5.2 4.4 6.6

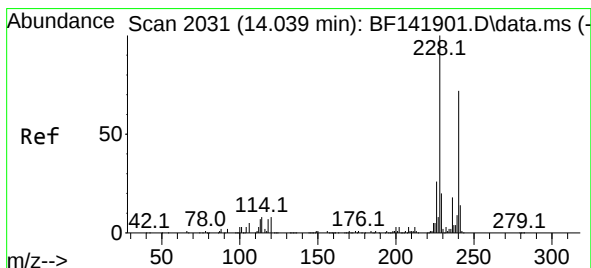
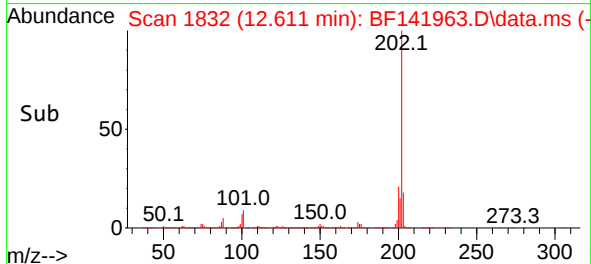
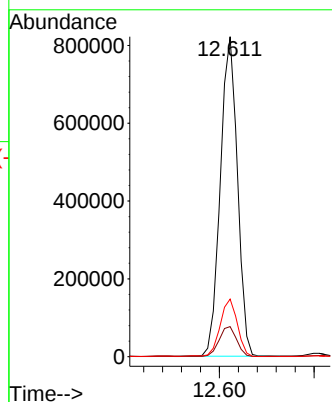
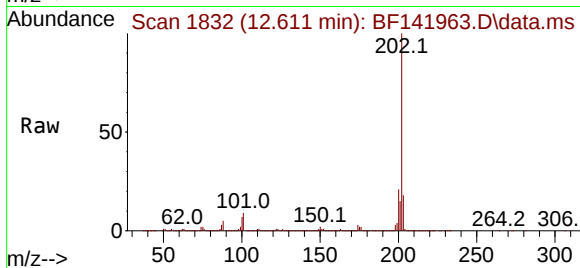




#75
Fluoranthene
Concen: 42.616 ng
RT: 12.611 min Scan# 1832
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

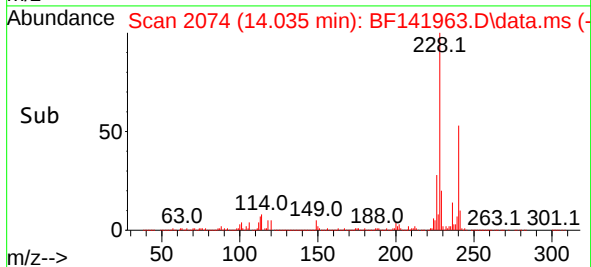
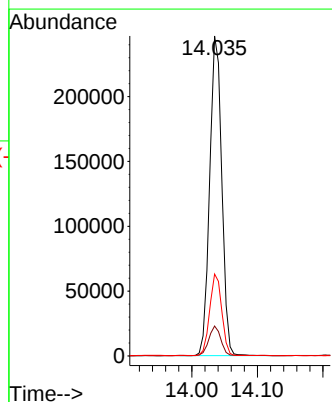
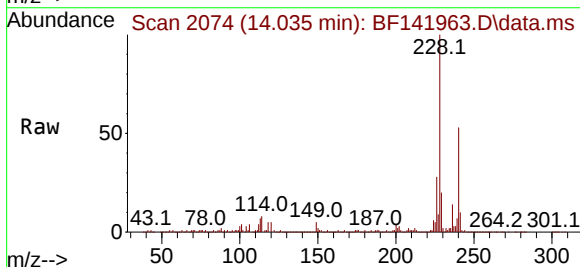
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

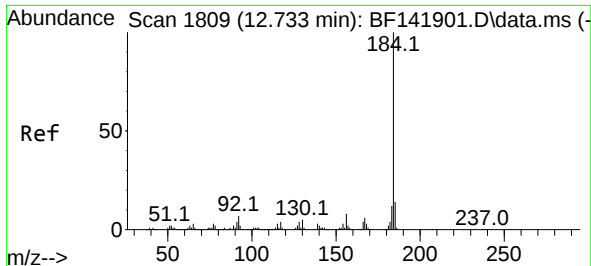
Tgt Ion:202 Resp: 1031884
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 18.0 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.035 min Scan# 2074
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion:240 Resp: 316199
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 25.6 20.5 30.7

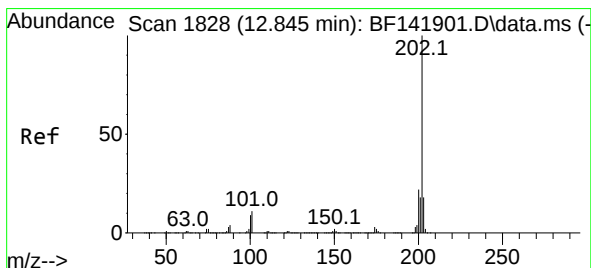
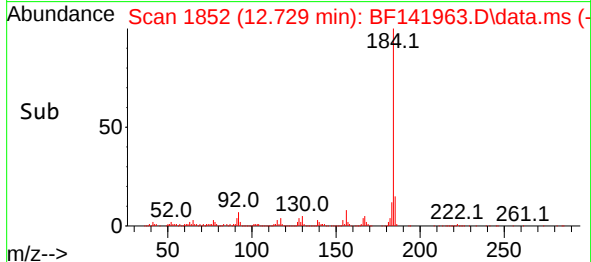
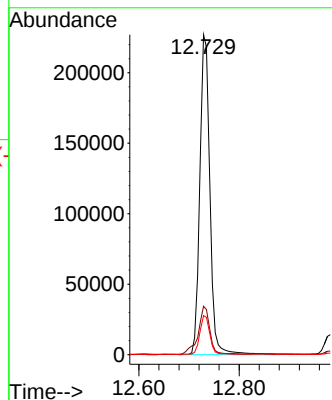
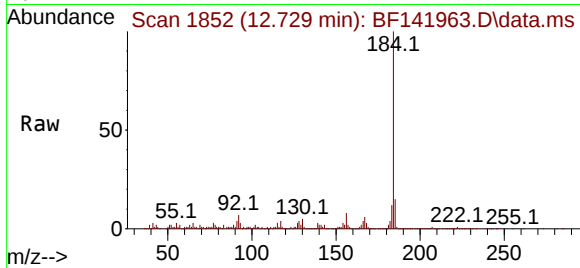




#77
Benzidine
Concen: 71.594 ng
RT: 12.729 min Scan# 1852
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

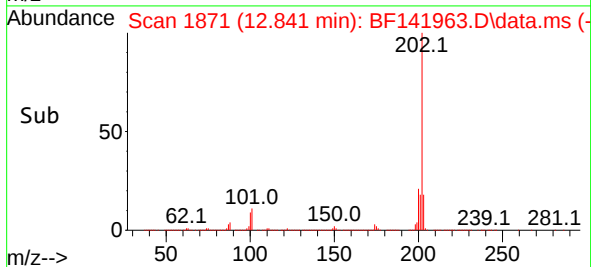
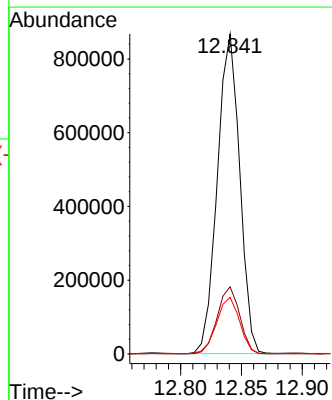
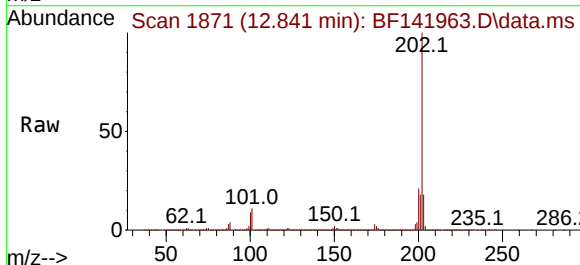
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

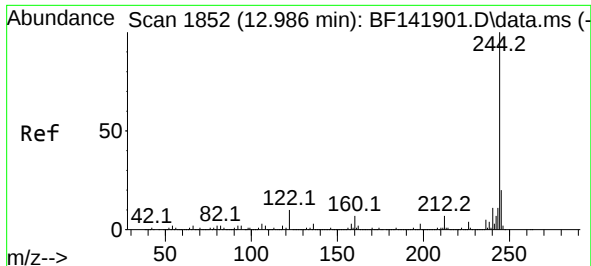
Tgt Ion:184 Resp: 315844
Ion Ratio Lower Upper
184 100
185 15.2 11.5 17.3
183 12.2 9.7 14.5



#78
Pyrene
Concen: 40.583 ng
RT: 12.841 min Scan# 1871
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion:202 Resp: 1110006
Ion Ratio Lower Upper
202 100
200 21.0 17.3 25.9
203 17.7 14.4 21.6

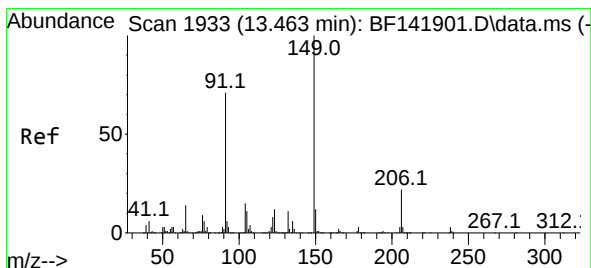
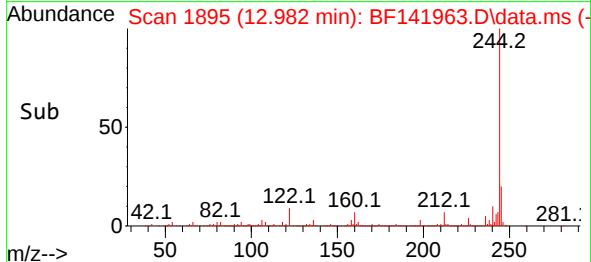
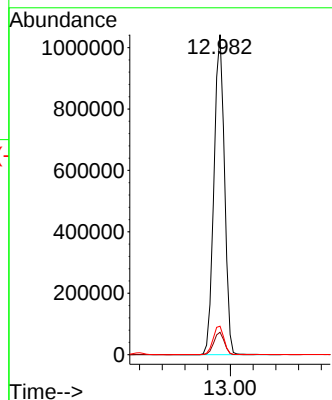
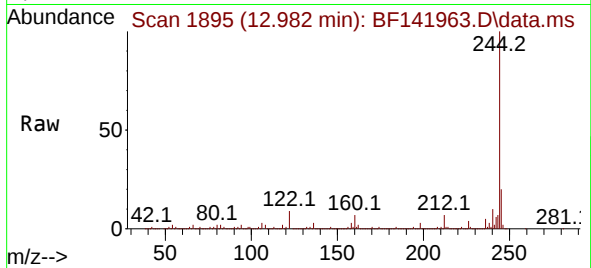




#79
 Terphenyl-d14
 Concen: 62.261 ng
 RT: 12.982 min Scan# 1852
 Delta R.T. -0.004 min
 Lab File: BF141963.D
 Acq: 14 Mar 2025 14:10

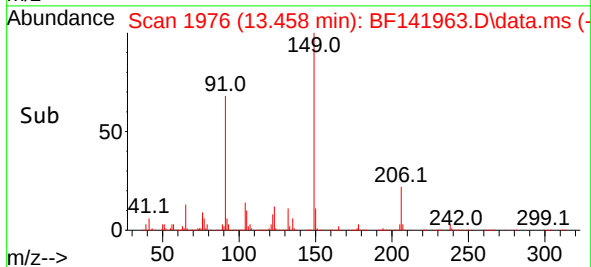
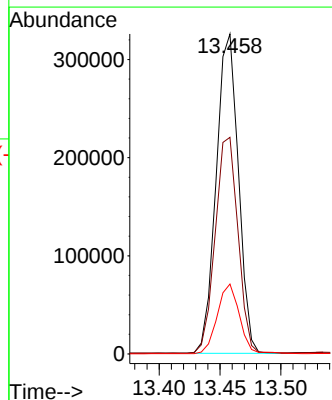
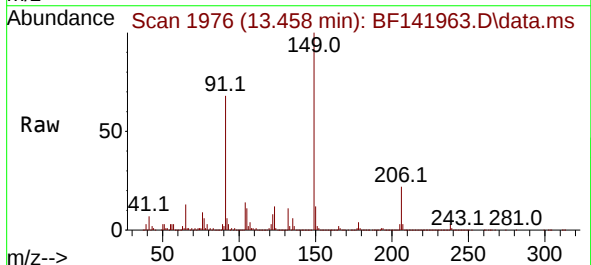
Instrument :
 BNA_F
 ClientSampleId :
 CTWK-COMPMS

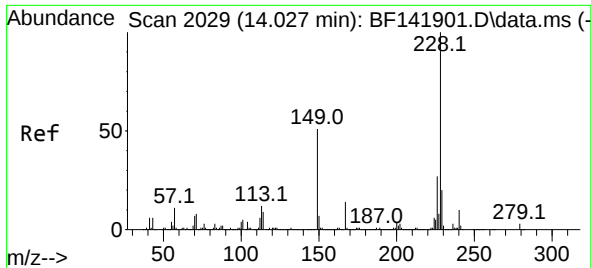
Tgt Ion:244 Resp: 1331587
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.9 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 38.569 ng
 RT: 13.458 min Scan# 1976
 Delta R.T. -0.004 min
 Lab File: BF141963.D
 Acq: 14 Mar 2025 14:10

Tgt Ion:149 Resp: 412895
 Ion Ratio Lower Upper
 149 100
 91 67.7 56.5 84.7
 206 21.8 17.3 25.9

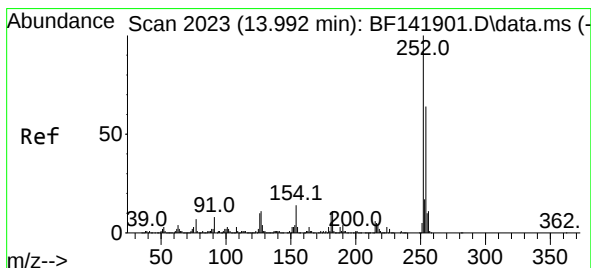
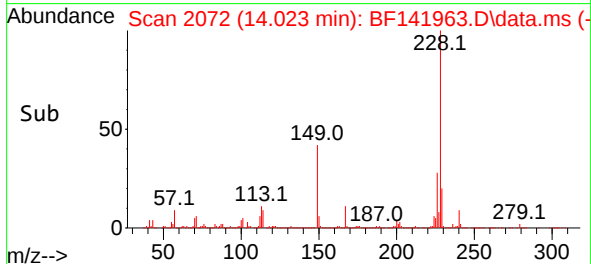
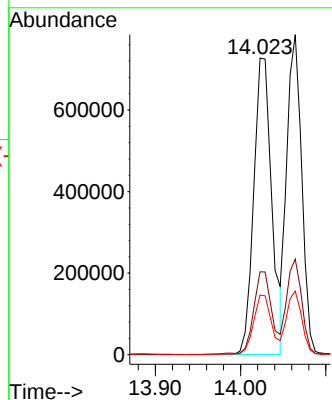
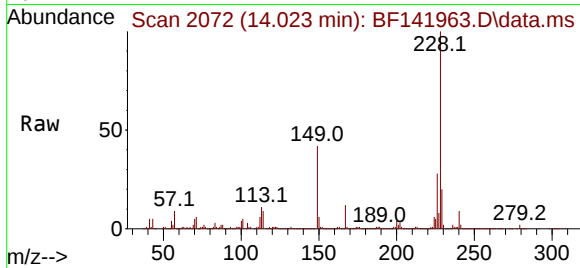




#81
Benzo(a)anthracene
Concen: 51.684 ng
RT: 14.023 min Scan# 20
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

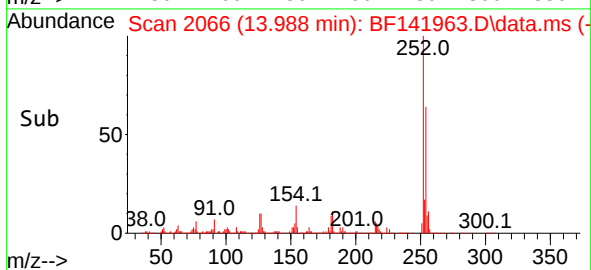
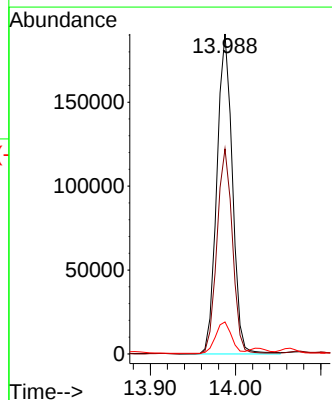
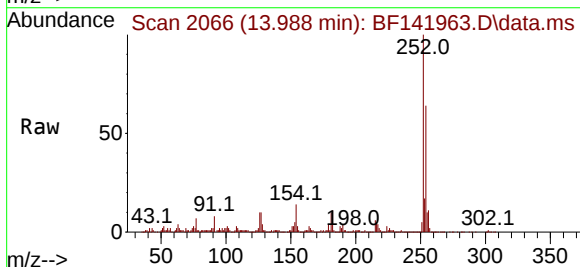
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

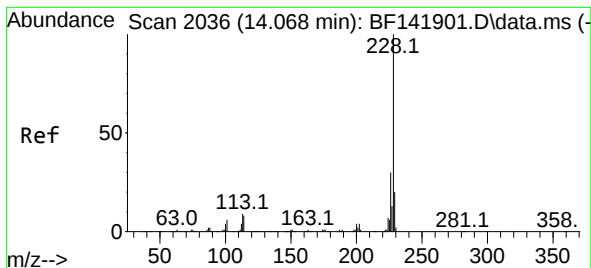
Tgt Ion:228 Resp: 1072388
Ion Ratio Lower Upper
228 100
226 28.0 21.8 32.8
229 20.1 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 40.282 ng
RT: 13.988 min Scan# 2066
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion:252 Resp: 241539
Ion Ratio Lower Upper
252 100
254 64.1 51.0 76.6
126 10.0 8.4 12.6





#83

Chrysene

Concen: 50.411 ng

RT: 14.064 min Scan# 2036

Delta R.T. -0.004 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

Instrument :

BNA_F

ClientSampleId :

CTWK-COMPMS

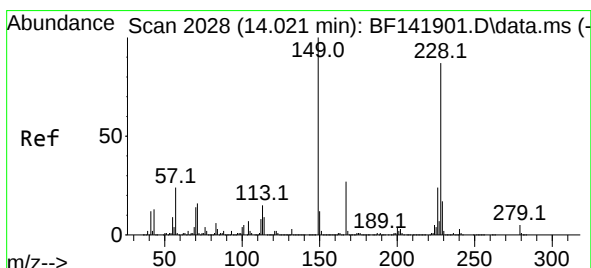
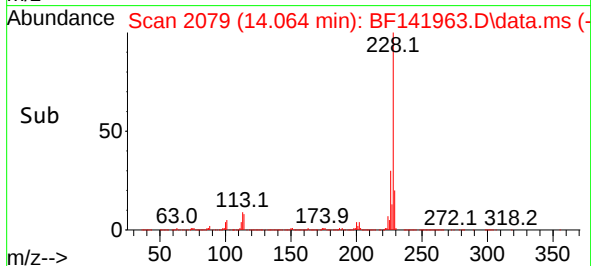
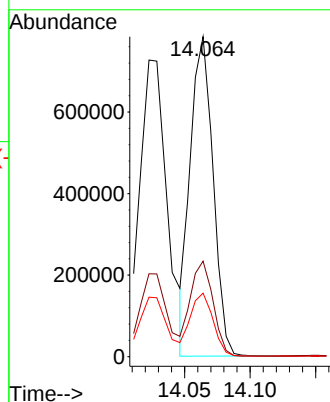
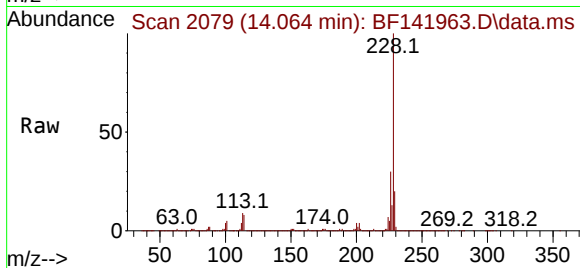
Tgt Ion:228 Resp: 948152

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.757 ng

RT: 14.017 min Scan# 2071

Delta R.T. -0.004 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

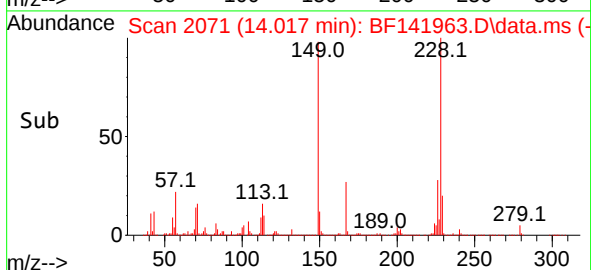
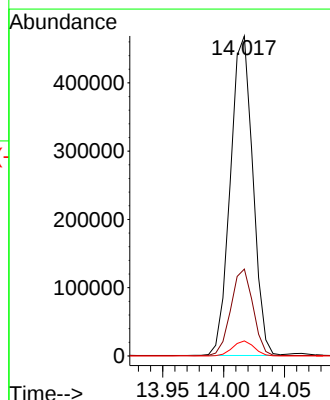
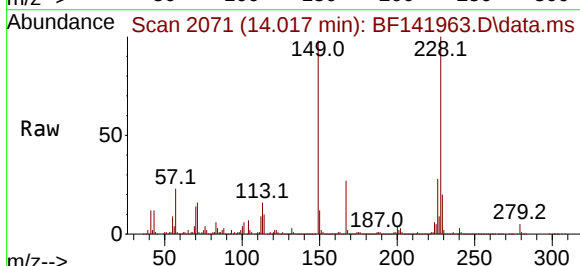
Tgt Ion:149 Resp: 601601

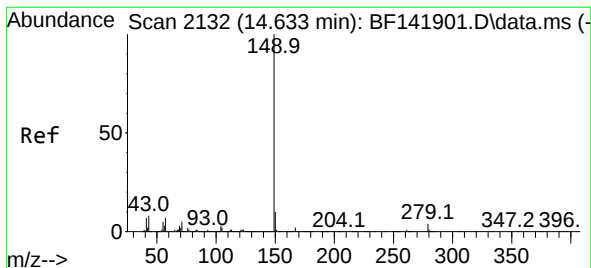
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 52.018 ng

RT: 14.629 min Scan# 2132

Delta R.T. -0.004 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

Instrument :

BNA_F

ClientSampleId :

CTWK-COMPMS

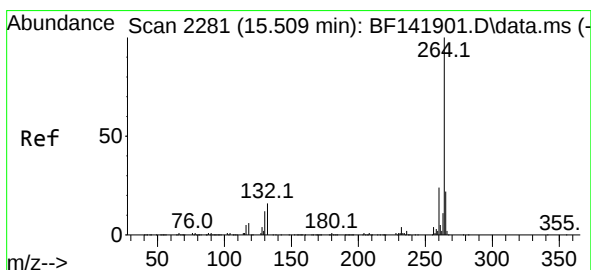
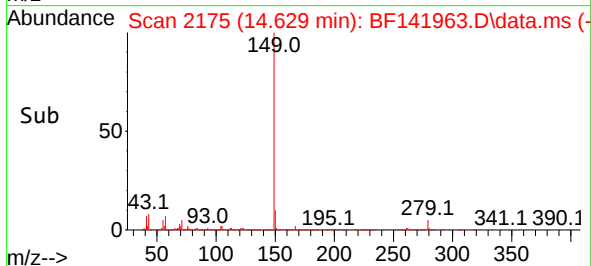
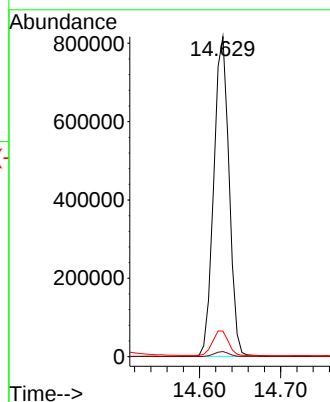
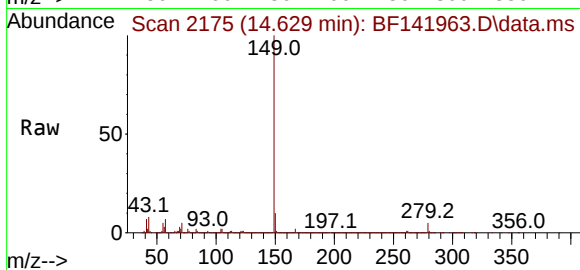
Tgt Ion:149 Resp: 1068342

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.2 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.505 min Scan# 2324

Delta R.T. -0.004 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

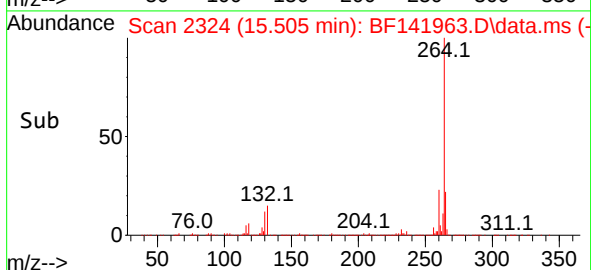
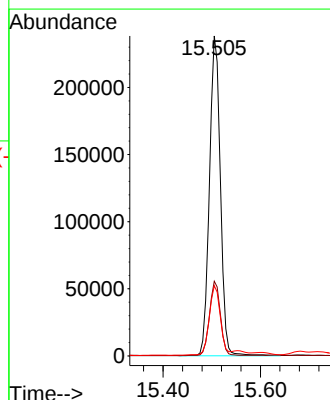
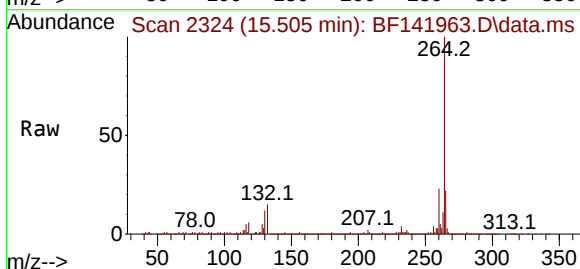
Tgt Ion:264 Resp: 368741

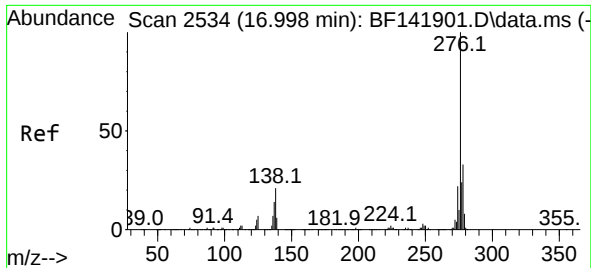
Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 22.0 17.5 26.3

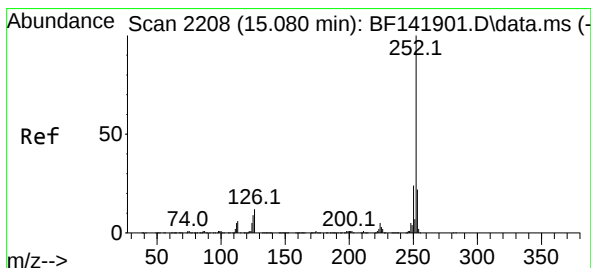
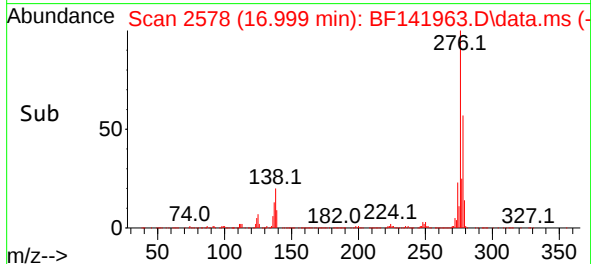
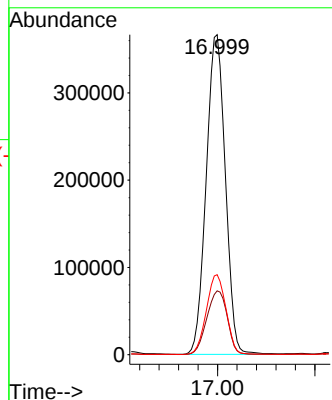
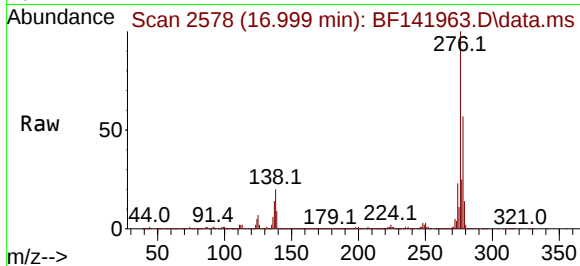




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.858 ng
RT: 16.999 min Scan# 21
Delta R.T. 0.002 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

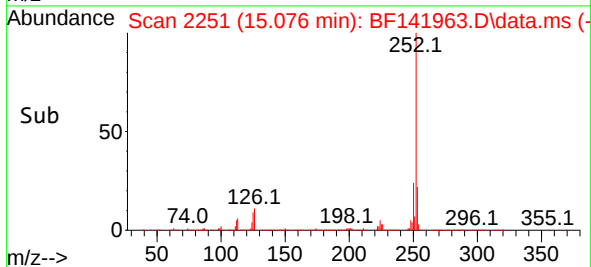
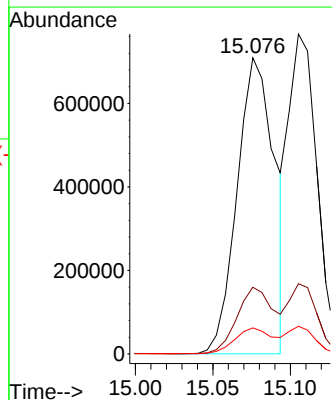
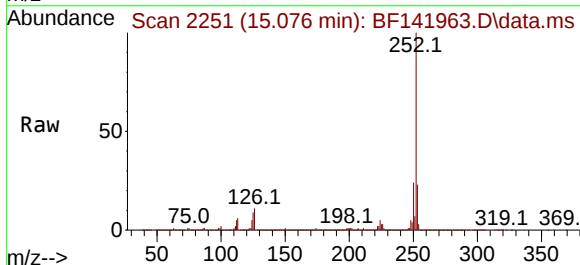
Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

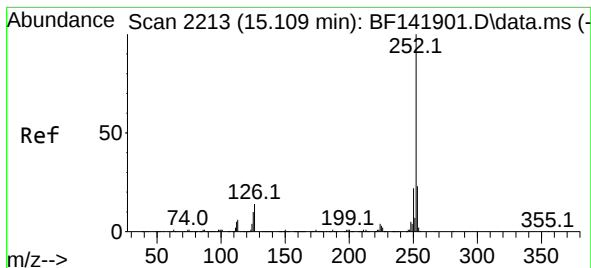
Tgt Ion:276 Resp: 998443
Ion Ratio Lower Upper
276 100
138 21.3 18.4 27.6
277 25.5 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 47.180 ng
RT: 15.076 min Scan# 2251
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion:252 Resp: 1192334
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 8.8 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 44.927 ng

RT: 15.105 min Scan# 21

Delta R.T. -0.004 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

Instrument :

BNA_F

ClientSampleId :

CTWK-COMPMS

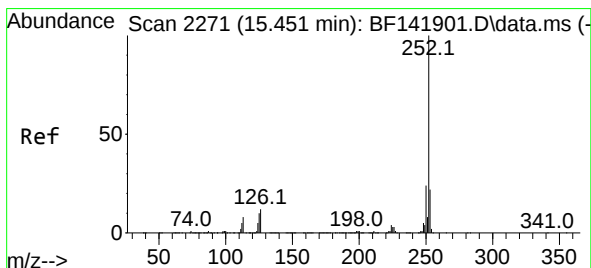
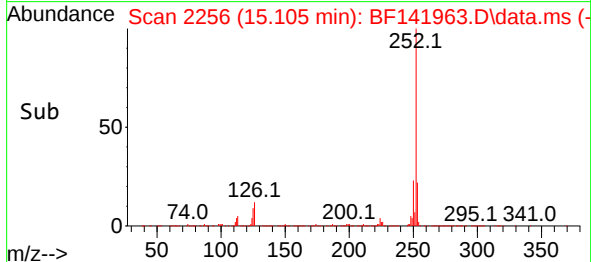
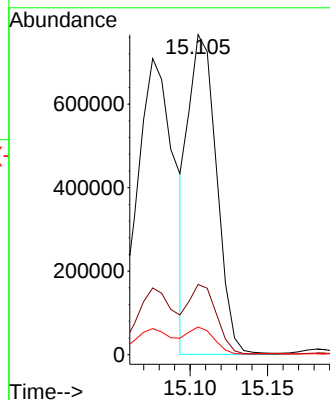
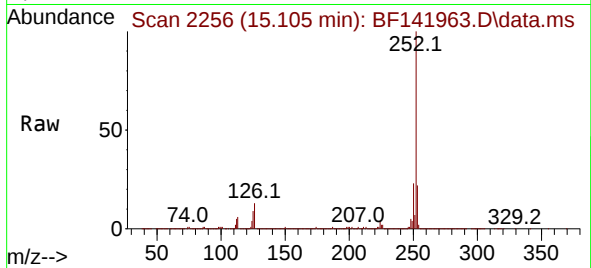
Tgt Ion:252 Resp: 971634

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.7 7.2 10.8



#90

Benzo(a)pyrene

Concen: 52.447 ng

RT: 15.446 min Scan# 2314

Delta R.T. -0.004 min

Lab File: BF141963.D

Acq: 14 Mar 2025 14:10

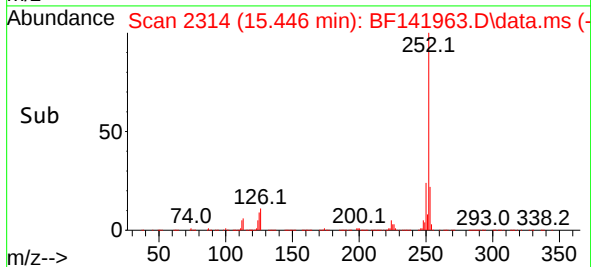
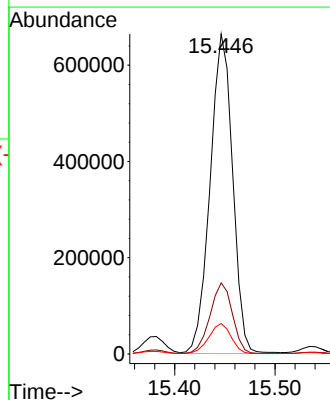
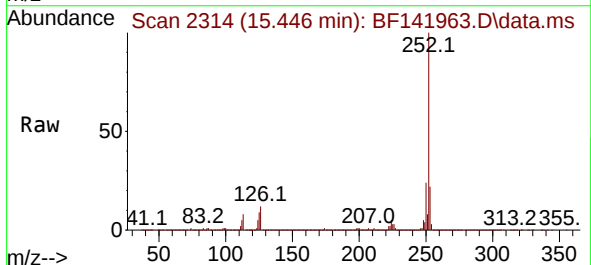
Tgt Ion:252 Resp: 1037109

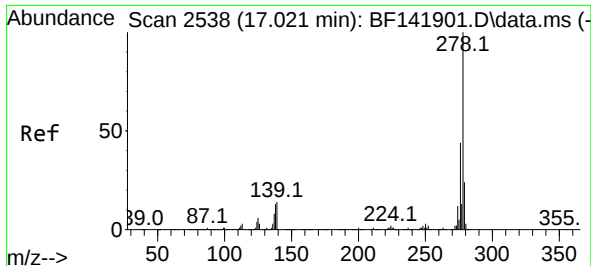
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 9.5 7.8 11.8

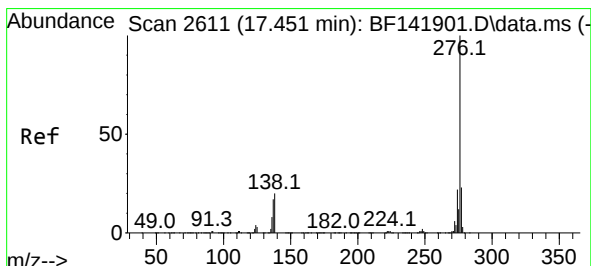
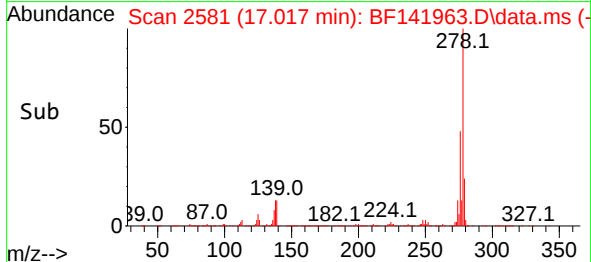
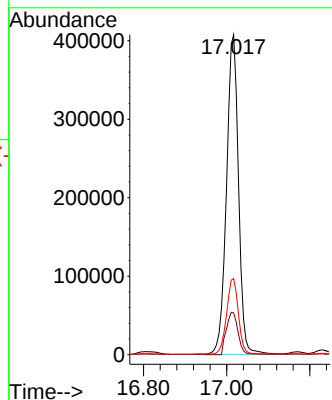
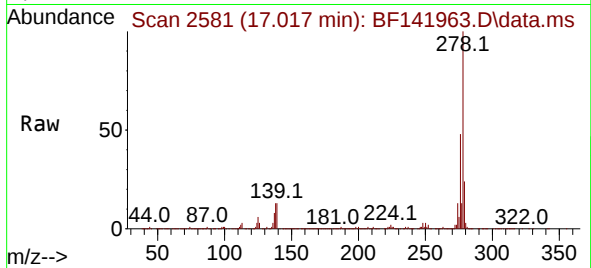




#91
Dibenzo(a,h)anthracene
Concen: 41.582 ng
RT: 17.017 min Scan# 21
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

Tgt Ion:278 Resp: 818377
Ion Ratio Lower Upper
278 100
139 13.0 11.4 17.2
279 23.7 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 36.893 ng
RT: 17.446 min Scan# 2654
Delta R.T. -0.004 min
Lab File: BF141963.D
Acq: 14 Mar 2025 14:10

Tgt Ion:276 Resp: 717523
Ion Ratio Lower Upper
276 100
277 23.6 18.7 28.1
138 17.9 15.8 23.8

