

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
 Data File : BF141828.D
 Acq On : 04 Mar 2025 15:48
 Operator : RC/JU
 Sample : Q1480-25MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

Quant Time: Mar 04 16:20:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	280974	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1094421	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	576961	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	904924	20.000	ng	0.00
76) Chrysene-d12	14.039	240	549629	20.000	ng	-0.01
86) Perylene-d12	15.510	264	574685	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1936854	110.086	ng	0.02
7) Phenol-d6	6.510	99	2422796	105.798	ng	0.00
23) Nitrobenzene-d5	7.445	82	1580741	92.324	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	630832	116.462	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2773689	77.084	ng	0.00
79) Terphenyl-d14	12.986	244	2416712	71.140	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	336186	42.112	ng	99
3) Pyridine	3.540	79	802639	40.409	ng	100
4) n-Nitrosodimethylamine	3.481	42	410148	42.914	ng	95
6) Aniline	6.546	93	722924	30.365	ng	99
8) 2-Chlorophenol	6.669	128	815308	42.838	ng	98
9) Benzaldehyde	6.434	77	310132	23.282	ng	99
10) Phenol	6.522	94	1011950	41.353	ng	98
11) bis(2-Chloroethyl)ether	6.622	93	760280	40.759	ng	99
12) 1,3-Dichlorobenzene	6.828	146	853360	41.868	ng	99
13) 1,4-Dichlorobenzene	6.904	146	862010	41.973	ng	99
14) 1,2-Dichlorobenzene	7.057	146	820877	42.804	ng	99
15) Benzyl Alcohol	7.022	79	727190	39.733	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1162884	41.051	ng	99
17) 2-Methylphenol	7.128	107	659204	41.961	ng	99
18) Hexachloroethane	7.398	117	321061	41.768	ng	98
19) n-Nitroso-di-n-propyla...	7.293	70	582719	38.709	ng	97
20) 3+4-Methylphenols	7.281	107	809830	41.398	ng	93
22) Acetophenone	7.293	105	1198092	44.949	ng	99
24) Nitrobenzene	7.463	77	861089	46.965	ng	100
25) Isophorone	7.704	82	1571659	42.727	ng	100
26) 2-Nitrophenol	7.781	139	391901	47.863	ng	99
27) 2,4-Dimethylphenol	7.810	122	705359	52.166	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	946042	40.318	ng	100
29) 2,4-Dichlorophenol	8.016	162	665075	42.636	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	719985	42.122	ng	99
31) Naphthalene	8.187	128	2321956	41.280	ng	99
32) Benzoic acid	7.904	122	304707	30.365	ng	98
33) 4-Chloroaniline	8.228	127	333294	16.160	ng	99
34) Hexachlorobutadiene	8.304	225	446279	42.016	ng	99
35) Caprolactam	8.592	113	121918	25.407	ng	98
36) 4-Chloro-3-methylphenol	8.710	107	701351	40.475	ng	96
37) 2-Methylnaphthalene	8.875	142	1463065	39.656	ng	99
38) 1-Methylnaphthalene	8.975	142	1425991	40.281	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	767326	46.049	ng	99
41) Hexachlorocyclopentadiene	9.034	237	980152	140.947	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	481377	44.722	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
 Data File : BF141828.D
 Acq On : 04 Mar 2025 15:48
 Operator : RC/JU
 Sample : Q1480-25MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

Quant Time: Mar 04 16:20:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

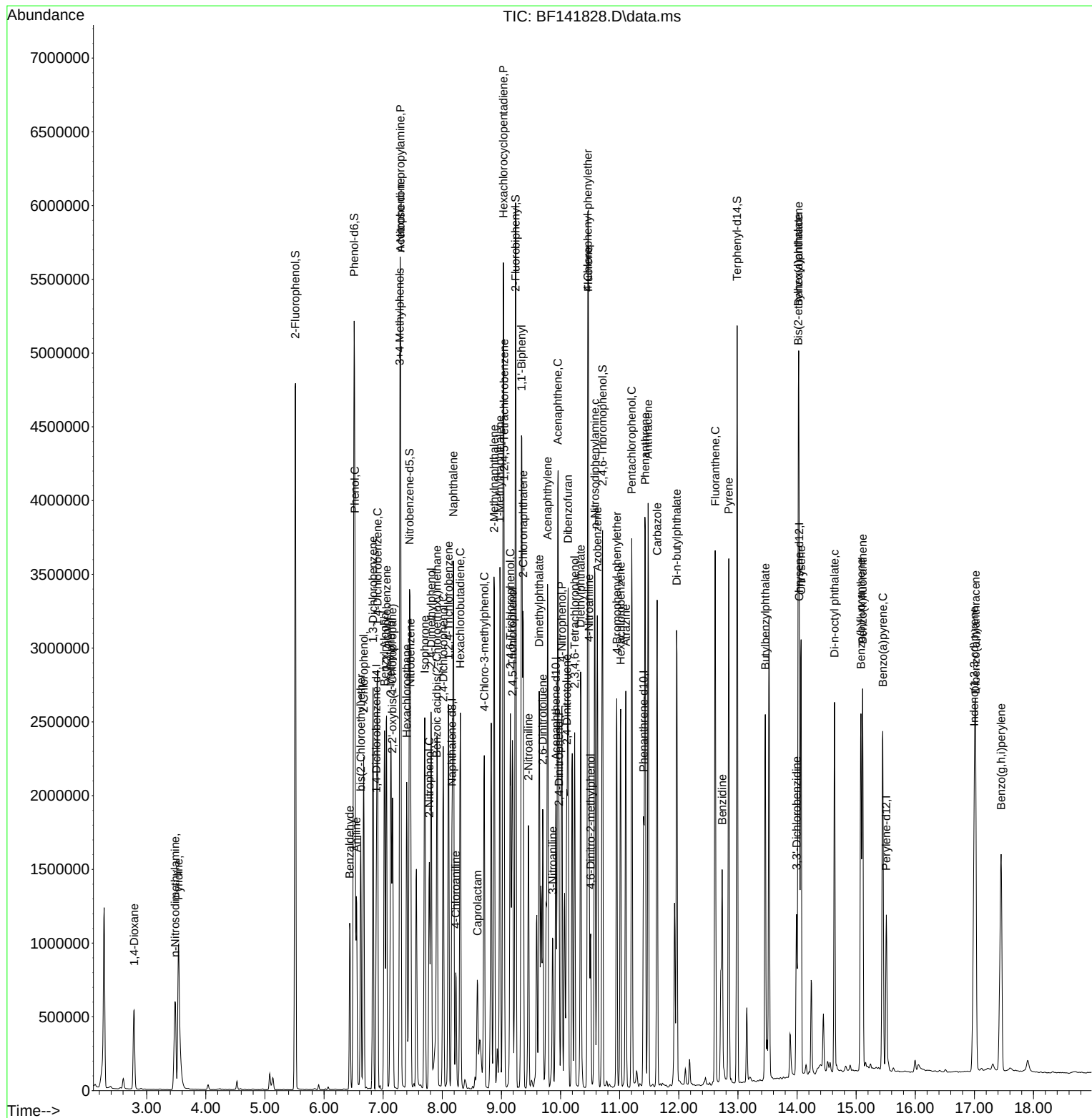
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	477240	44.775	ng	100
46) 1,1'-Biphenyl	9.339	154	2031934	46.269	ng	99
47) 2-Chloronaphthalene	9.369	162	1403924	43.313	ng	99
48) 2-Nitroaniline	9.457	65	425033	47.914	ng	99
49) Acenaphthylene	9.781	152	2145476	44.148	ng	99
50) Dimethylphthalate	9.639	163	1581162	40.923	ng	100
51) 2,6-Dinitrotoluene	9.698	165	342750	46.467	ng	97
52) Acenaphthene	9.951	154	1470170	44.834	ng	99
53) 3-Nitroaniline	9.869	138	221470	29.358	ng	# 95
54) 2,4-Dinitrophenol	9.975	184	269264	79.519	ng	# 1
55) Dibenzofuran	10.128	168	1925297	40.339	ng	98
56) 4-Nitrophenol	10.022	139	609134	106.742	ng	98
57) 2,4-Dinitrotoluene	10.104	165	446180	49.316	ng	96
58) Fluorene	10.469	166	1454753	40.692	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	397375	42.867	ng	99
60) Diethylphthalate	10.339	149	1529579	39.489	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	717216	40.040	ng	99
62) 4-Nitroaniline	10.481	138	338247	51.262	ng	96
63) Azobenzene	10.622	77	1714859	42.048	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	196107	46.355	ng	93
66) n-Nitrosodiphenylamine	10.581	169	1289618	43.400	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	449308	42.508	ng	97
68) Hexachlorobenzene	11.016	284	480534	43.053	ng	100
69) Atrazine	11.104	200	467139	57.168	ng	99
70) Pentachlorophenol	11.204	266	567096	80.110	ng	100
71) Phenanthrene	11.433	178	2098818	43.360	ng	100
72) Anthracene	11.481	178	2120557	43.712	ng	100
73) Carbazole	11.633	167	1784440	41.654	ng	99
74) Di-n-butylphthalate	11.963	149	2201206	40.536	ng	100
75) Fluoranthene	12.616	202	1990131	40.125	ng	99
77) Benzidine	12.733	184	710660	102.728	ng	100
78) Pyrene	12.845	202	1995623	41.930	ng	100
80) Butylbenzylphthalate	13.463	149	773034	44.704	ng	99
81) Benzo(a)anthracene	14.027	228	1599557	44.060	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	315204	30.262	ng	100
83) Chrysene	14.069	228	1385334	41.396	ng	99
84) Bis(2-ethylhexyl)phtha...	14.022	149	1010991	46.954	ng	99
85) Di-n-octyl phthalate	14.633	149	1623744	50.372	ng	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	1783630	48.741	ng	99
88) Benzo(b)fluoranthene	15.080	252	1467507	37.488	ng	100
89) Benzo(k)fluoranthene	15.110	252	1400890	42.104	ng	100
90) Benzo(a)pyrene	15.451	252	1396307	44.476	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	1432699	47.964	ng	98
92) Benzo(g,h,i)perylene	17.451	276	1394513	45.571	ng	99

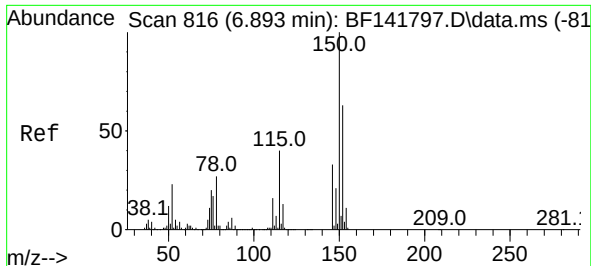
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141828.D
Acq On : 04 Mar 2025 15:48
Operator : RC/JU
Sample : Q1480-25MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Quant Time: Mar 04 16:20:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 28 01:48:16 2025
Response via : Initial Calibration

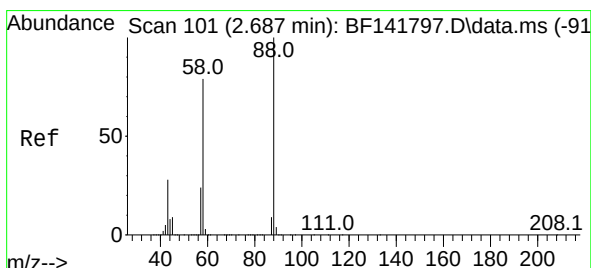
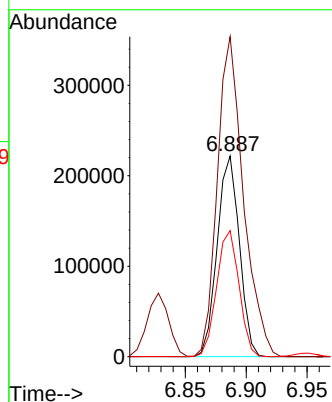
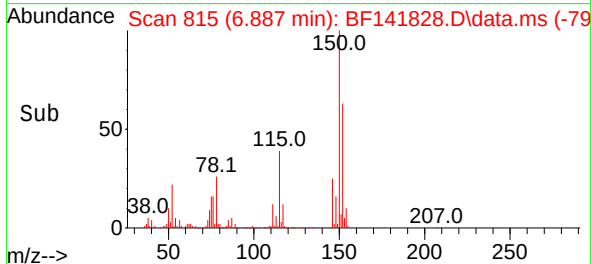
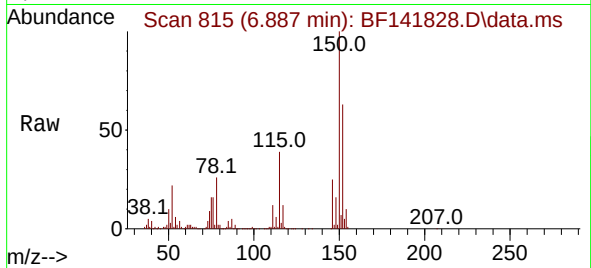




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

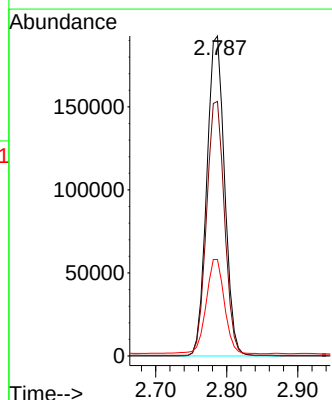
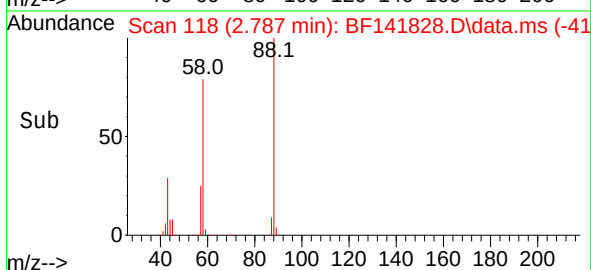
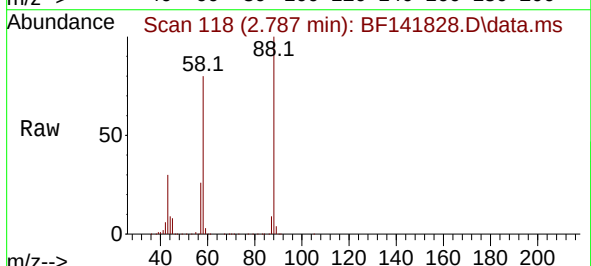
Instrument :
BNA_F
ClientSampleId :
TP-4MS

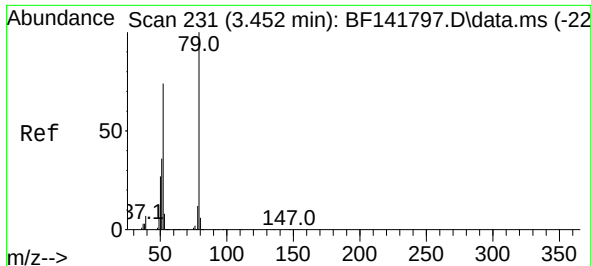
Tgt Ion:152 Resp: 280974
Ion Ratio Lower Upper
152 100
150 159.5 127.5 191.3
115 62.8 51.4 77.2



#2
1,4-Dioxane
Concen: 42.112 ng
RT: 2.787 min Scan# 118
Delta R.T. 0.100 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

Tgt Ion: 88 Resp: 336186
Ion Ratio Lower Upper
88 100
58 79.9 63.9 95.9
43 30.6 23.0 34.6





#3

Pyridine

Concen: 40.409 ng

RT: 3.540 min Scan# 246

Delta R.T. 0.088 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-4MS

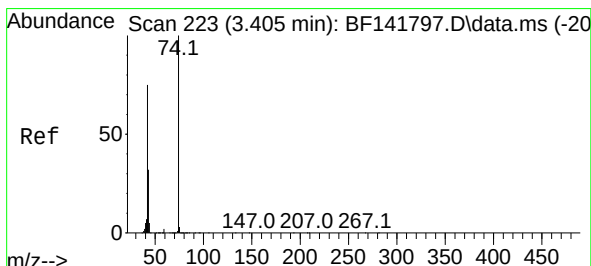
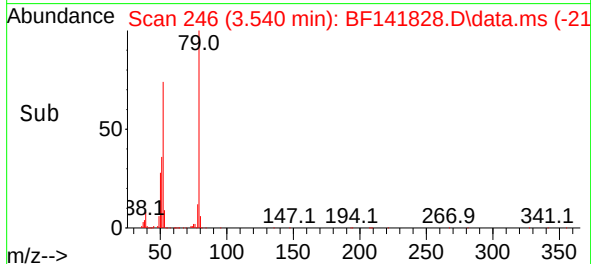
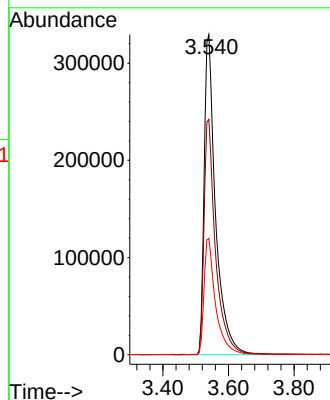
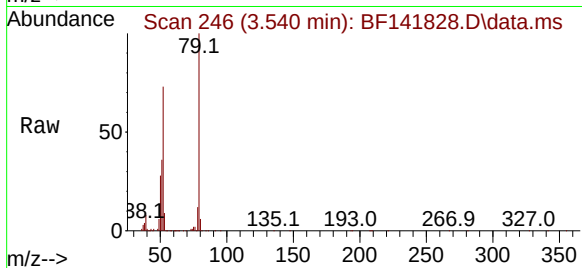
Tgt Ion: 79 Resp: 802639

Ion Ratio Lower Upper

79 100

52 73.5 59.0 88.4

51 36.3 29.0 43.4



#4

n-Nitrosodimethylamine

Concen: 42.914 ng

RT: 3.481 min Scan# 236

Delta R.T. 0.076 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

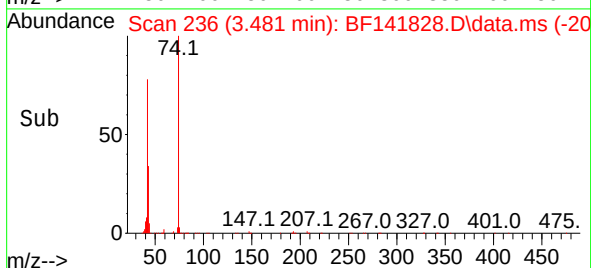
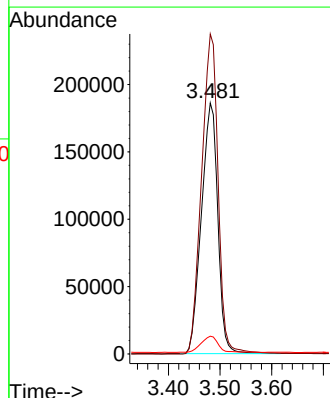
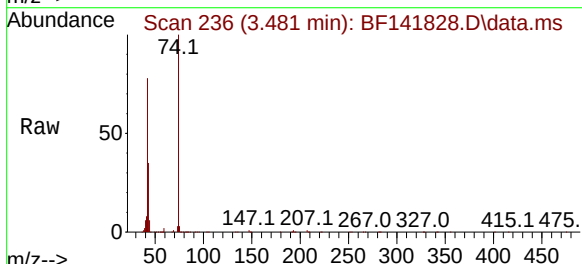
Tgt Ion: 42 Resp: 410148

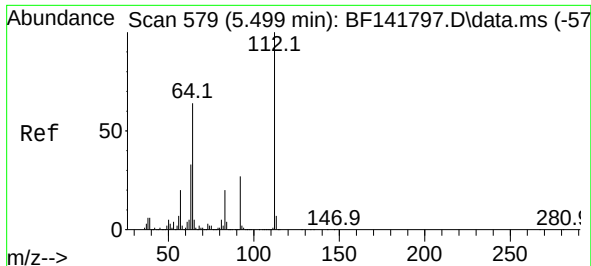
Ion Ratio Lower Upper

42 100

74 127.5 107.1 160.7

44 7.1 6.6 9.8

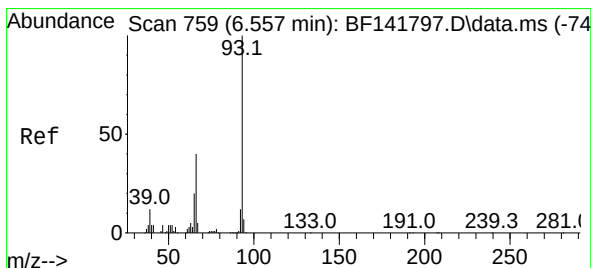
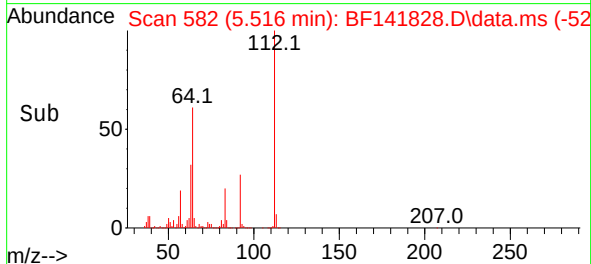
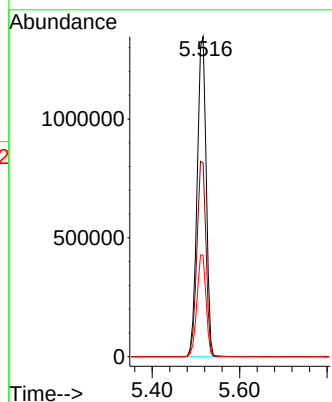
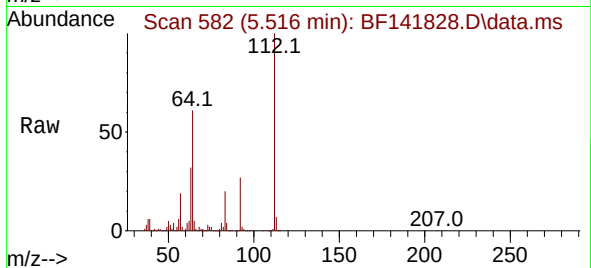




#5
2-Fluorophenol
Concen: 110.086 ng
RT: 5.516 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

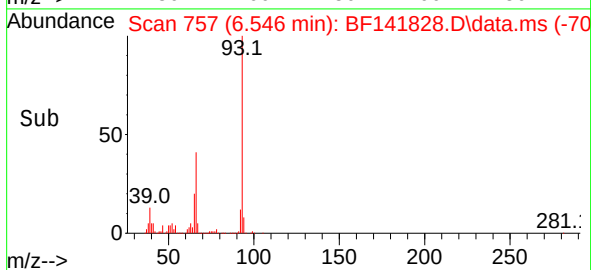
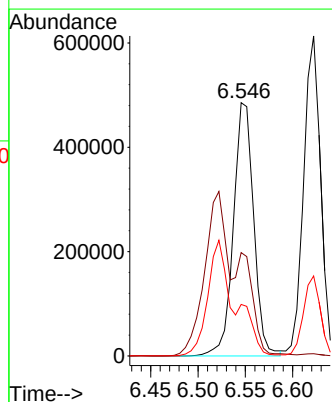
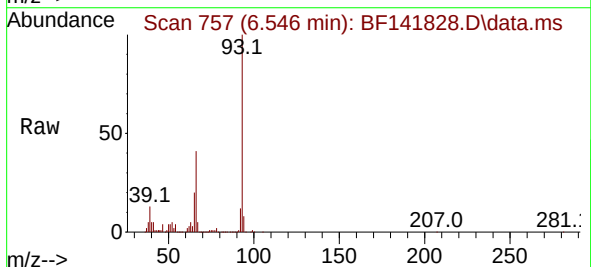
Instrument :
BNA_F
ClientSampleId :
TP-4MS

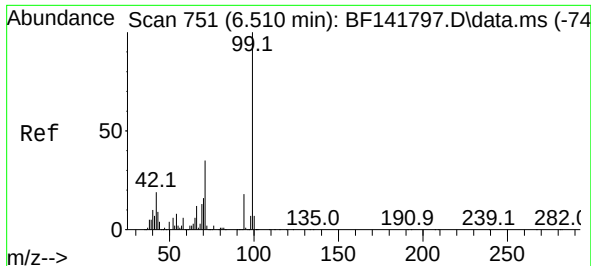
Tgt Ion:112 Resp: 1936854
Ion Ratio Lower Upper
112 100
64 60.6 51.3 76.9
63 31.7 26.2 39.4



#6
Aniline
Concen: 30.365 ng
RT: 6.546 min Scan# 757
Delta R.T. -0.012 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

Tgt Ion: 93 Resp: 722924
Ion Ratio Lower Upper
93 100
66 40.8 32.3 48.5
65 20.3 15.9 23.9

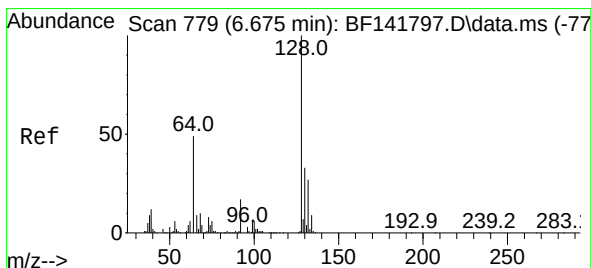
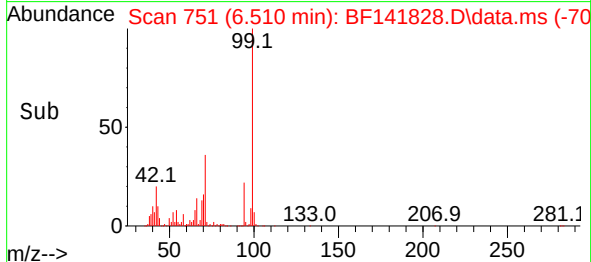
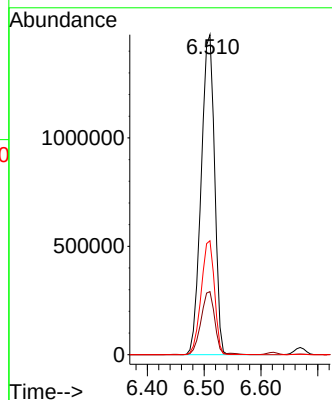
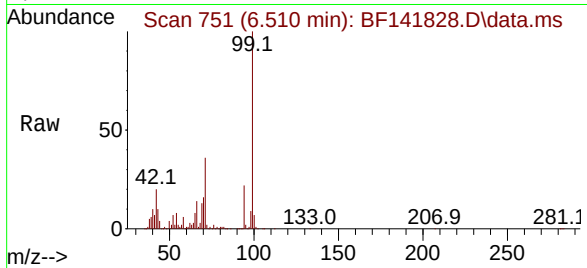




#7
Phenol-d6
Concen: 105.798 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

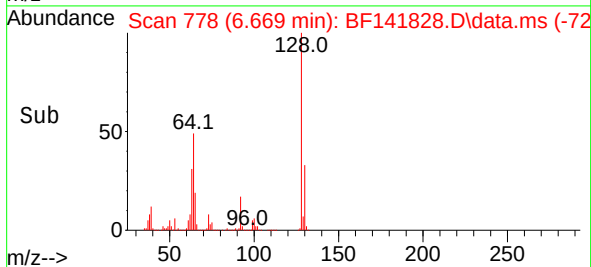
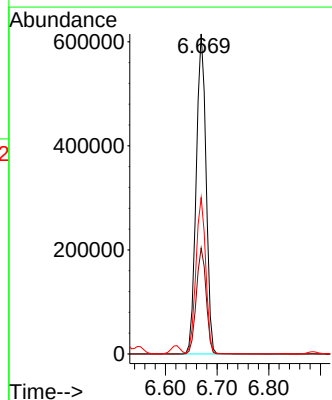
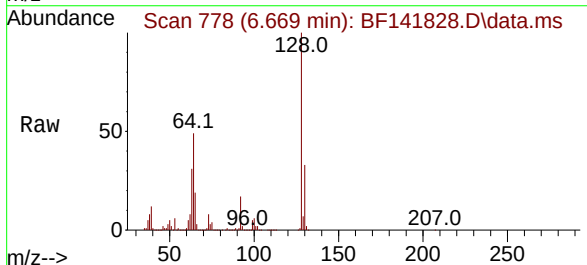
Instrument :
BNA_F
ClientSampleId :
TP-4MS

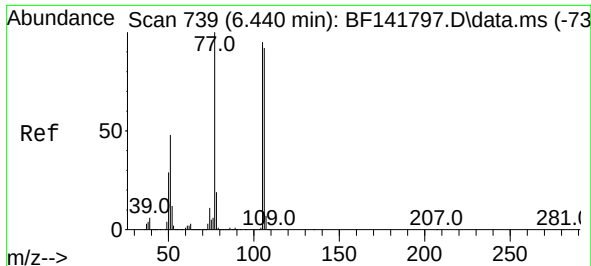
Tgt Ion: 99 Resp: 2422796
Ion Ratio Lower Upper
99 100
42 19.7 15.2 22.8
71 35.6 28.2 42.2



#8
2-Chlorophenol
Concen: 42.838 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

Tgt Ion: 128 Resp: 815308
Ion Ratio Lower Upper
128 100
130 33.1 12.6 52.6
64 48.8 31.1 71.1

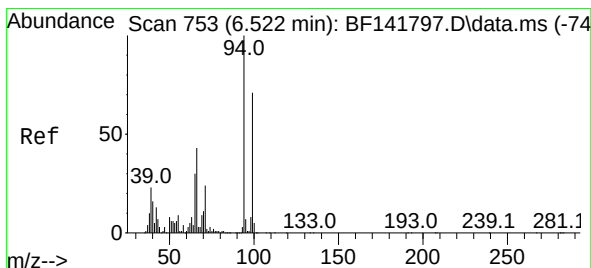
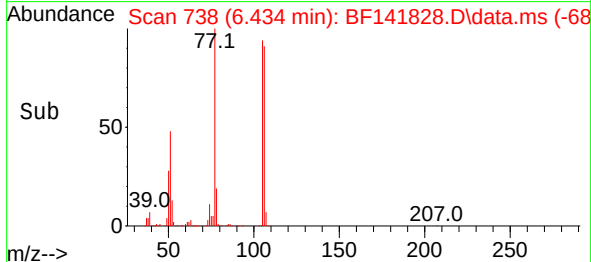
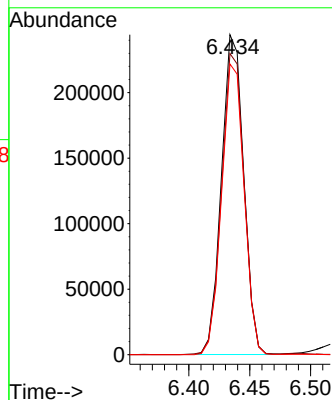
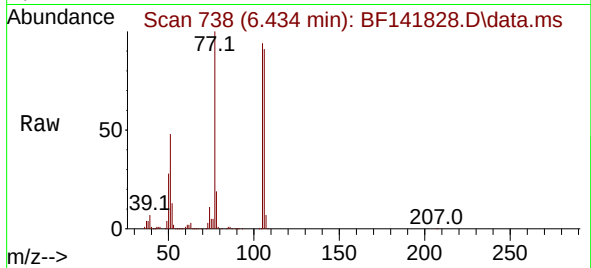




#9
Benzaldehyde
Concen: 23.282 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

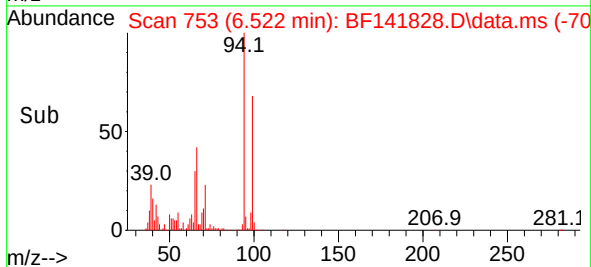
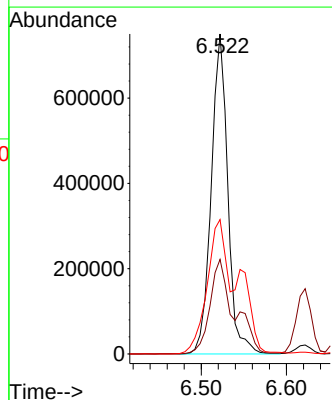
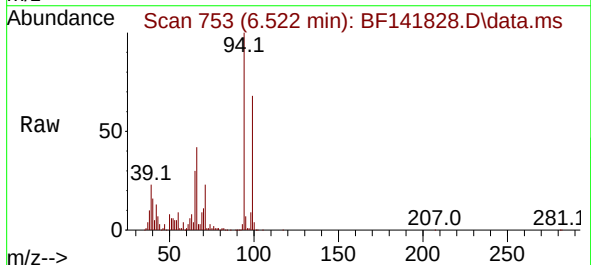
Instrument :
BNA_F
ClientSampleId :
TP-4MS

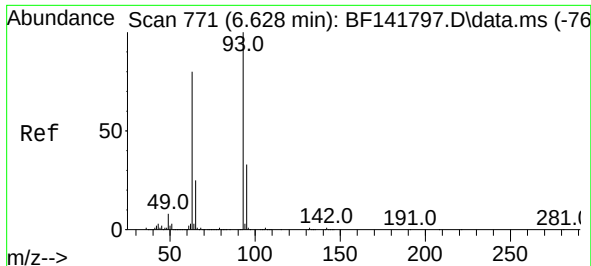
Tgt Ion: 77 Resp: 310132
Ion Ratio Lower Upper
77 100
105 94.1 75.3 115.3
106 90.8 72.3 112.3



#10
Phenol
Concen: 41.353 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

Tgt Ion: 94 Resp: 1011950
Ion Ratio Lower Upper
94 100
65 29.6 10.2 50.2
66 42.0 23.2 63.2

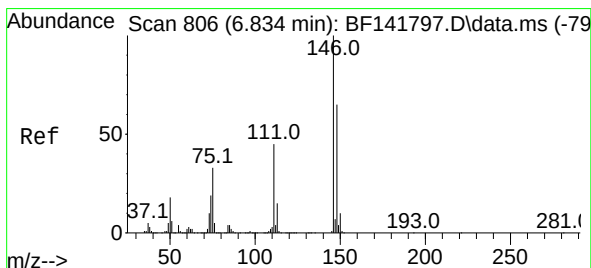
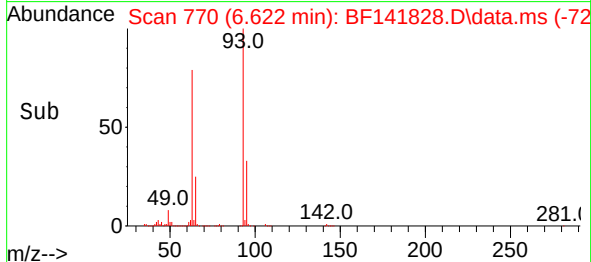
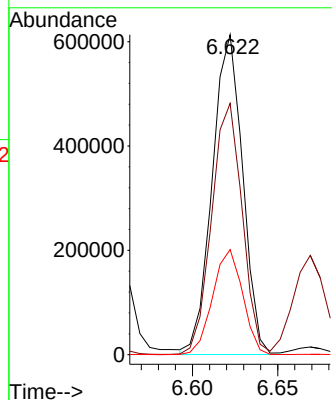
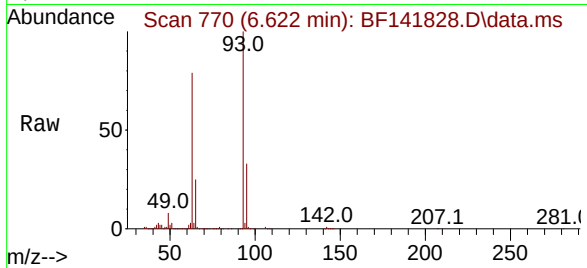




#11
bis(2-Chloroethyl)ether
Concen: 40.759 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

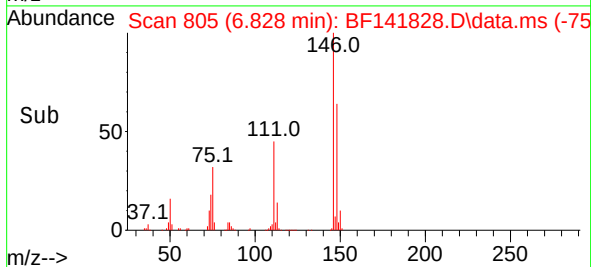
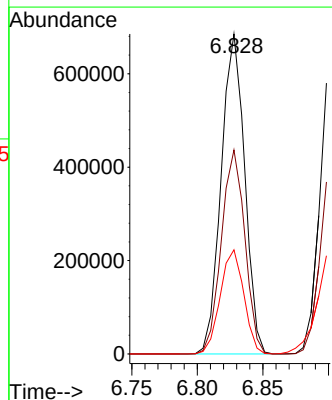
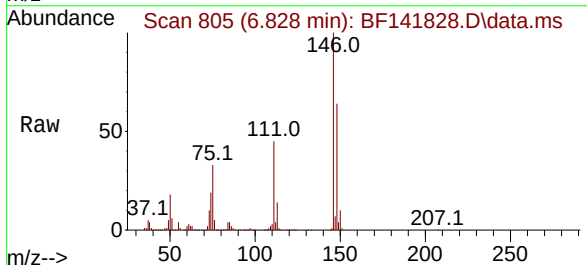
Instrument :
BNA_F
ClientSampleId :
TP-4MS

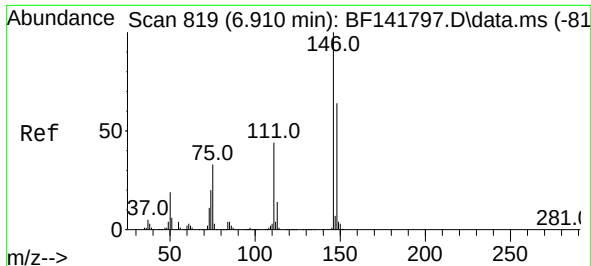
Tgt Ion: 93 Resp: 760280
Ion Ratio Lower Upper
93 100
63 78.5 59.3 99.3
95 32.8 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 41.868 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

Tgt Ion:146 Resp: 853360
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.6
75 32.6 26.2 39.4

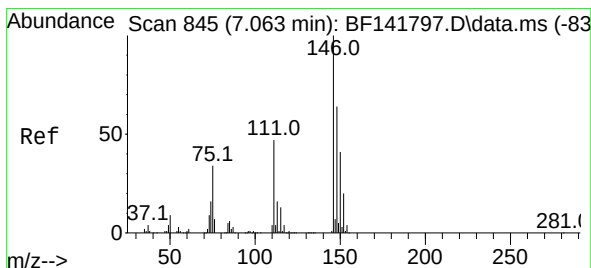
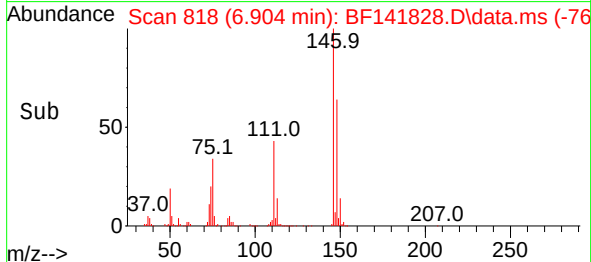
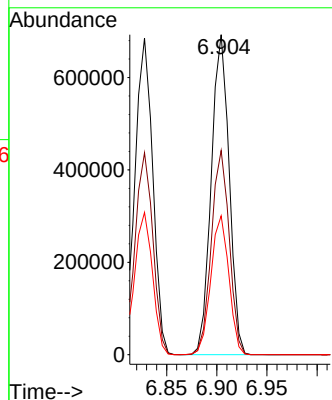
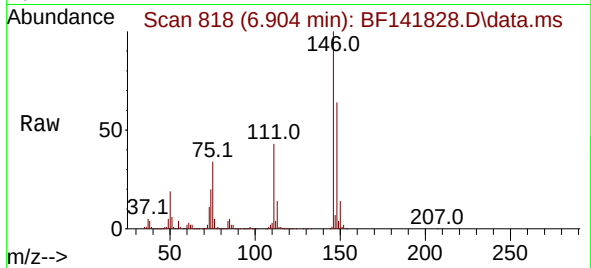




#13
1,4-Dichlorobenzene
Concen: 41.973 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

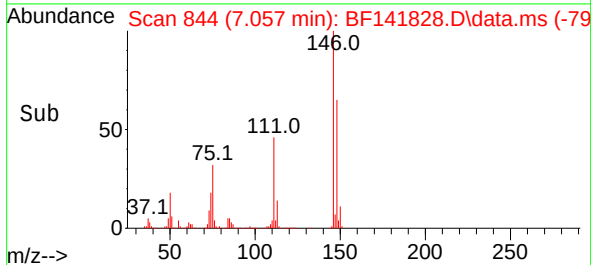
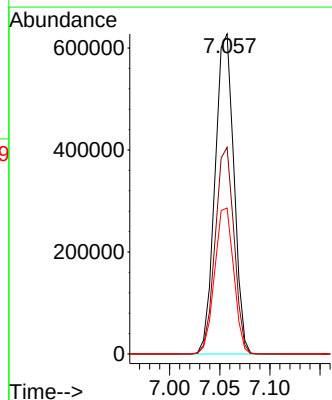
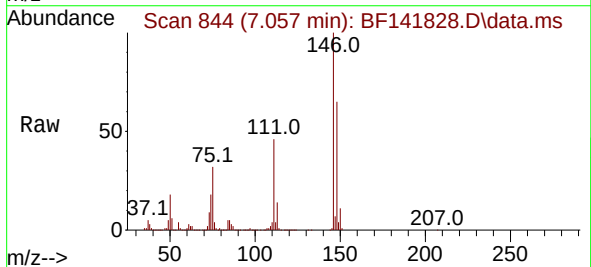
Instrument :
BNA_F
ClientSampleId :
TP-4MS

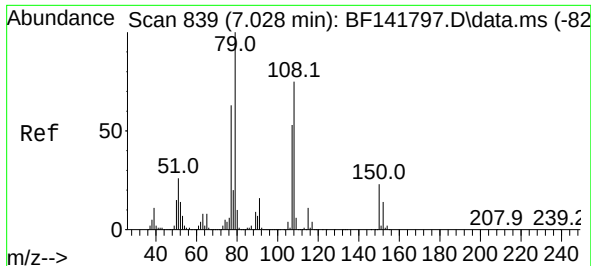
Tgt Ion:146 Resp: 862010
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.2
111 43.4 35.5 53.3



#14
1,2-Dichlorobenzene
Concen: 42.804 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

Tgt Ion:146 Resp: 820877
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
111 45.6 37.8 56.6

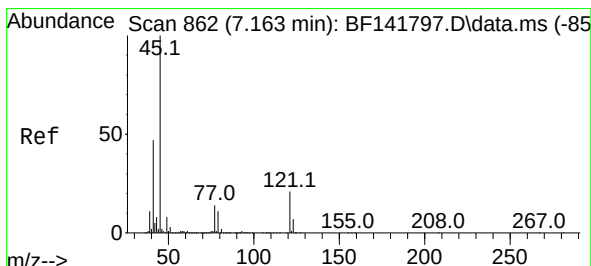
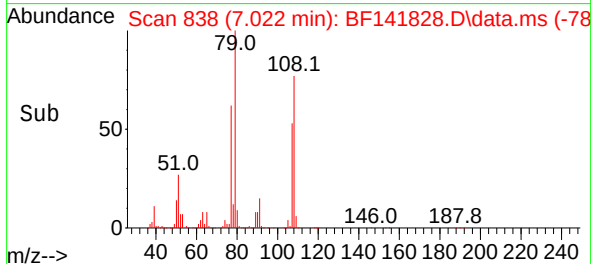
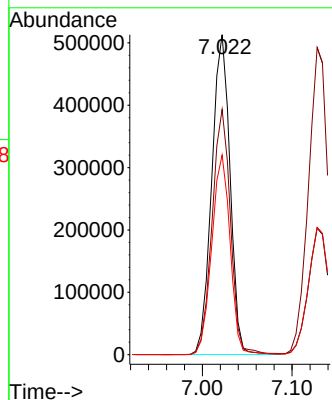
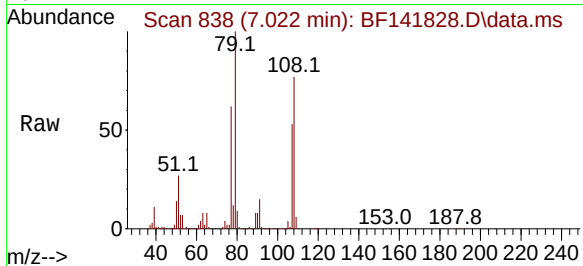




#15
Benzyl Alcohol
Concen: 39.733 ng
RT: 7.022 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

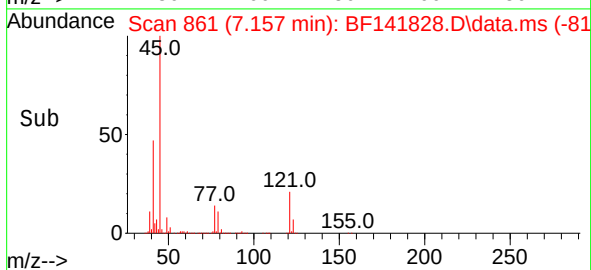
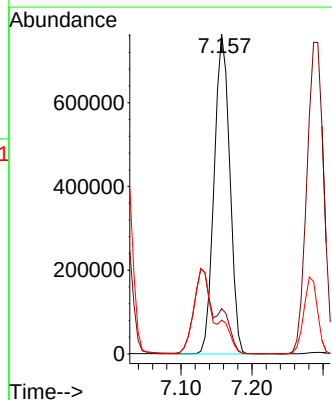
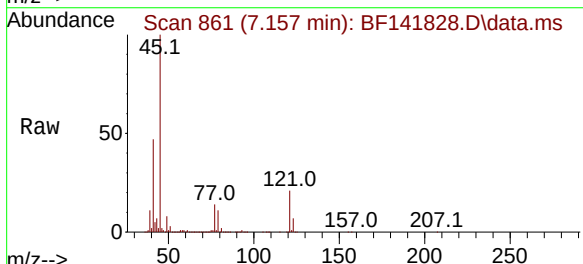
Instrument :
BNA_F
ClientSampleId :
TP-4MS

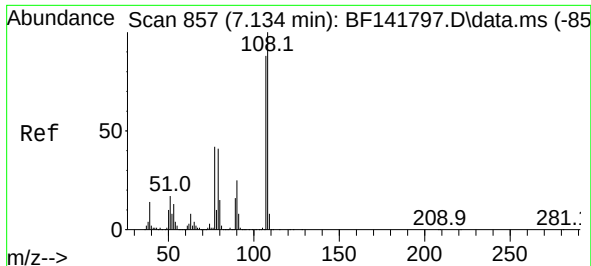
Tgt Ion: 79 Resp: 727190
Ion Ratio Lower Upper
79 100
108 76.7 60.2 90.2
77 62.4 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.051 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

Tgt Ion: 45 Resp: 1162884
Ion Ratio Lower Upper
45 100
77 14.2 0.0 34.4
79 10.6 0.0 30.9



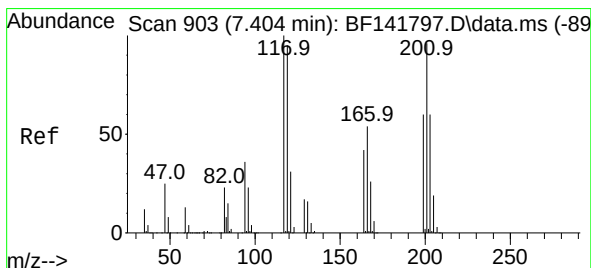
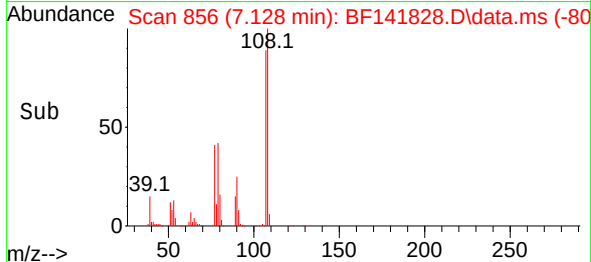
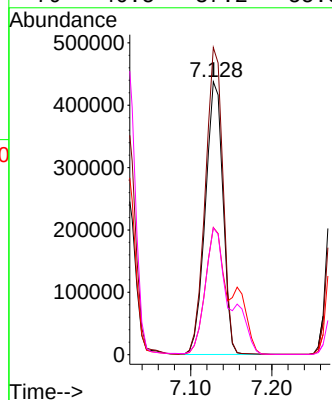
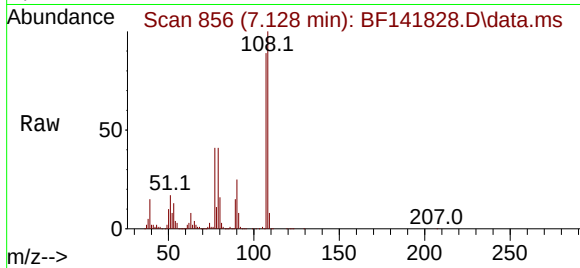


#17
2-Methylphenol
Concen: 41.961 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion:107 Resp: 659204

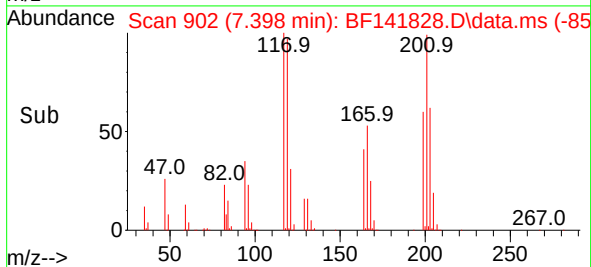
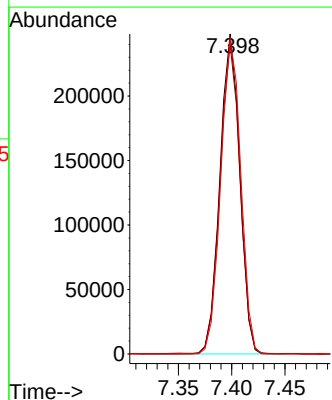
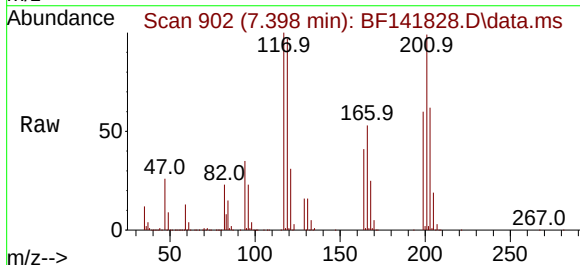
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.6	135.8
77	46.6	37.7	56.5
79	46.5	37.2	55.8

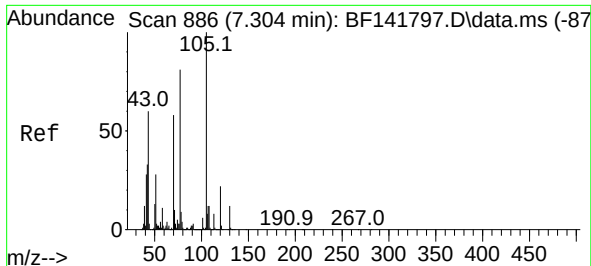


#18
Hexachloroethane
Concen: 41.768 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

Tgt Ion:117 Resp: 321061

Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.8	113.8
201	98.5	76.7	115.1





#19

n-Nitroso-di-n-propylamine

Concen: 38.709 ng

RT: 7.293 min Scan# 884

Delta R.T. -0.012 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion: 70 Resp: 582719

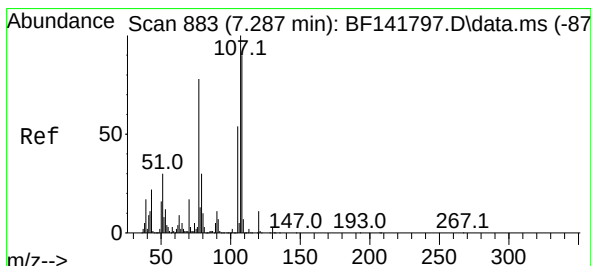
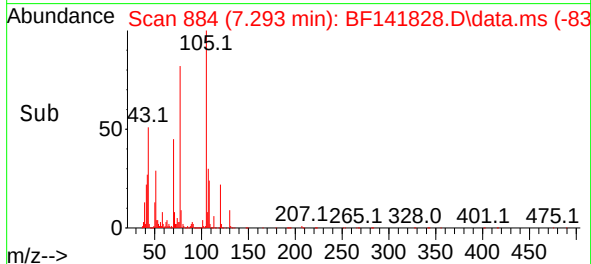
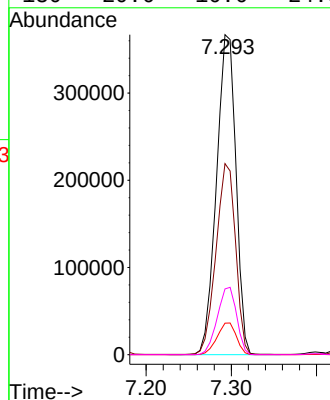
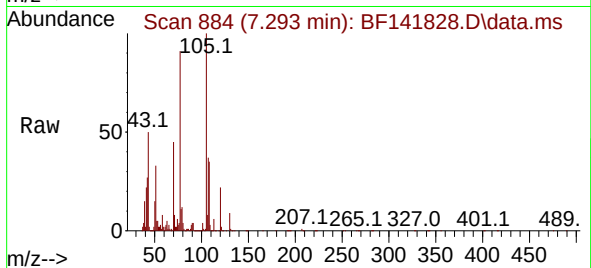
Ion Ratio Lower Upper

70 100

42 59.7 45.4 68.0

101 9.9 7.8 11.8

130 20.6 16.6 24.8



#20

3+4-Methylphenols

Concen: 41.398 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Tgt Ion:107 Resp: 809830

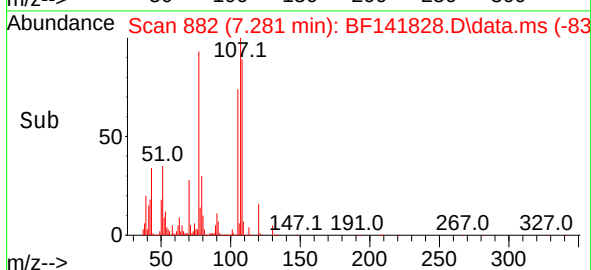
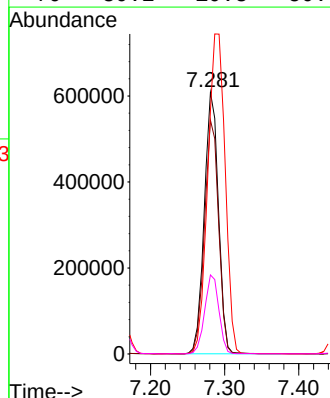
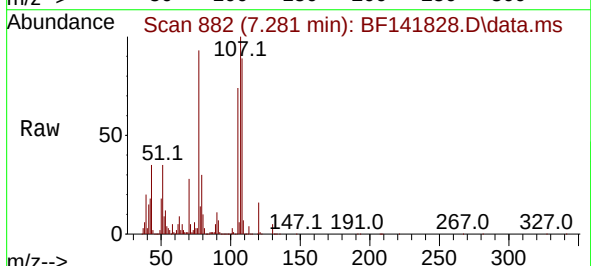
Ion Ratio Lower Upper

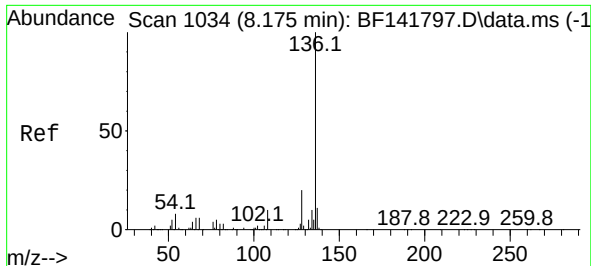
107 100

108 89.4 69.7 109.7

77 92.9 58.3 98.3

79 30.2 10.3 50.3

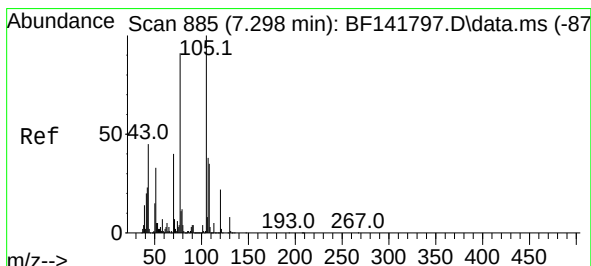
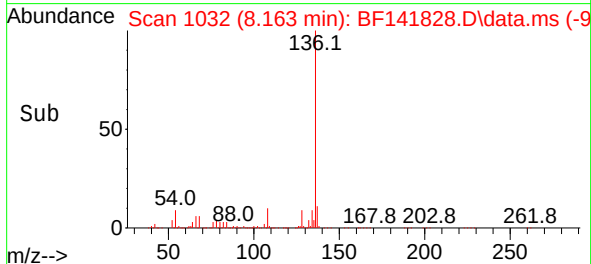
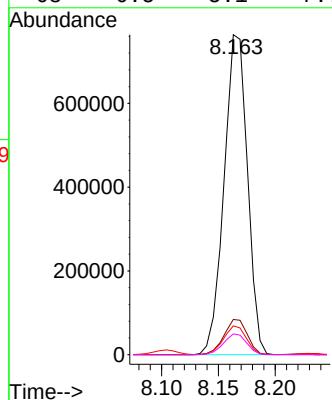
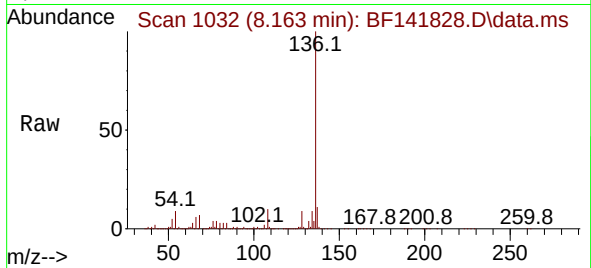




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

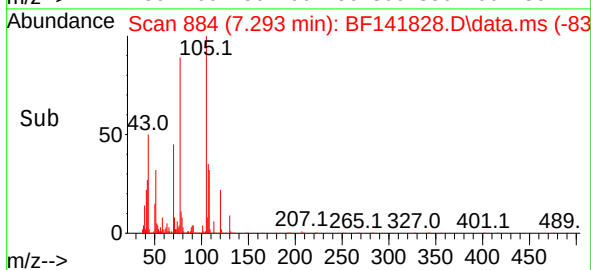
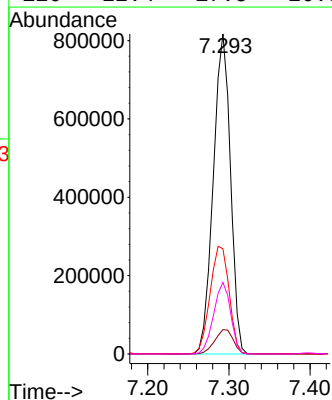
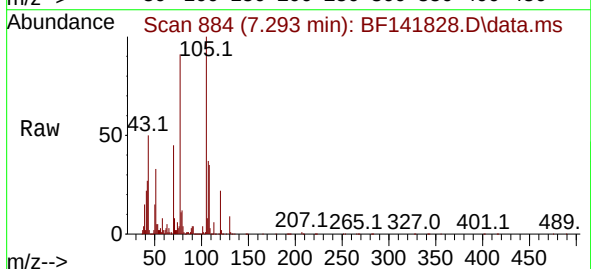
Instrument :
BNA_F
ClientSampleId :
TP-4MS

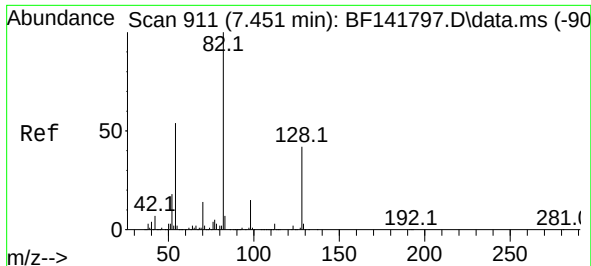
Tgt Ion:136 Resp: 1094421
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.0 6.9 10.3
68 6.5 5.1 7.7



#22
Acetophenone
Concen: 44.949 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

Tgt Ion:105 Resp: 1198092
Ion Ratio Lower Upper
105 100
71 7.6 5.4 8.0
51 32.9 26.1 39.1
120 22.4 17.5 26.3





#23

Nitrobenzene-d5

Concen: 92.324 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-4MS

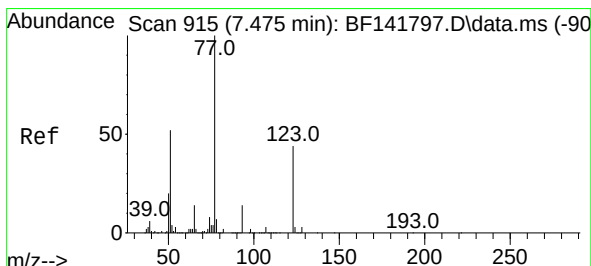
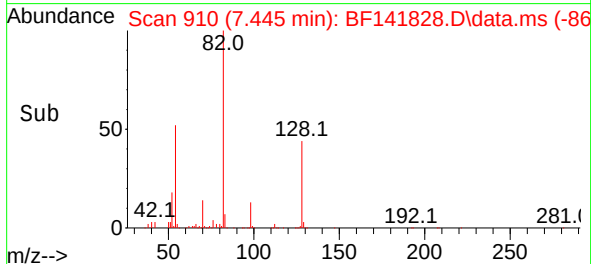
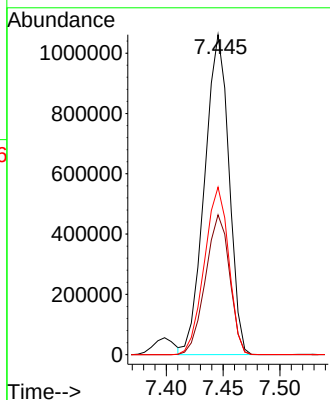
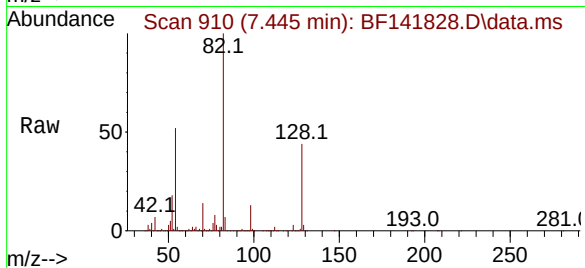
Tgt Ion: 82 Resp: 1580741

Ion Ratio Lower Upper

82 100

128 43.7 33.5 50.3

54 52.4 42.7 64.1



#24

Nitrobenzene

Concen: 46.965 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

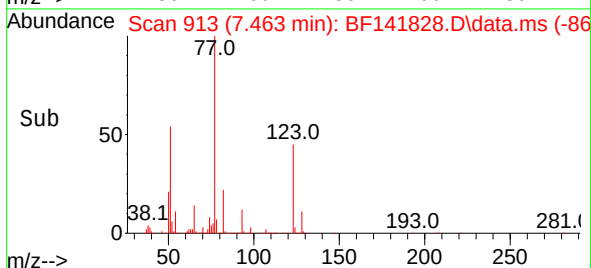
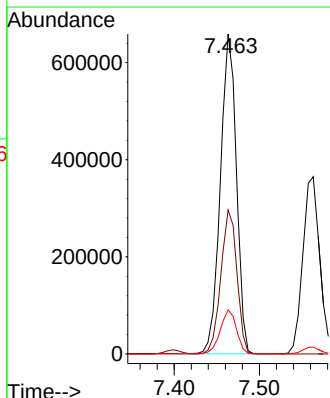
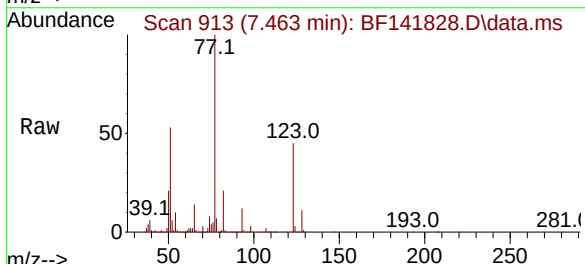
Tgt Ion: 77 Resp: 861089

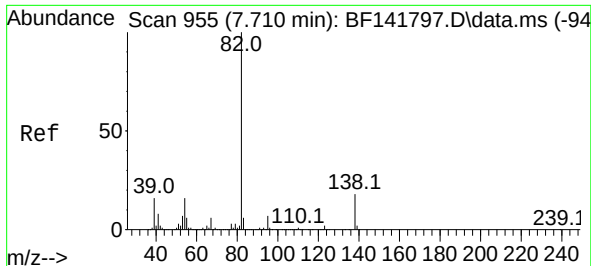
Ion Ratio Lower Upper

77 100

123 45.0 35.8 53.8

65 13.8 11.2 16.8

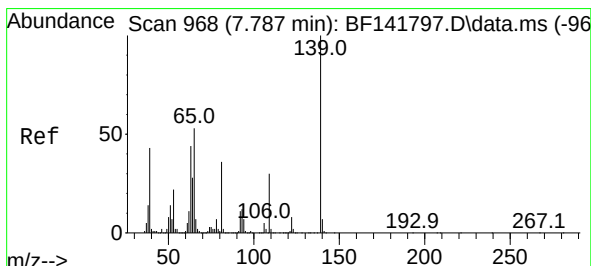
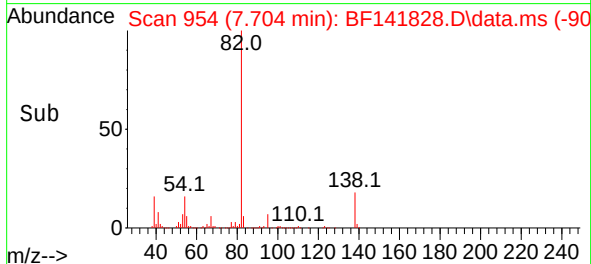
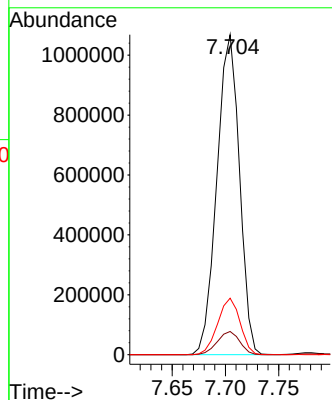
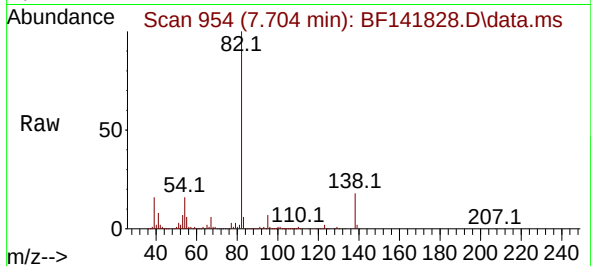




#25
Isophorone
Concen: 42.727 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

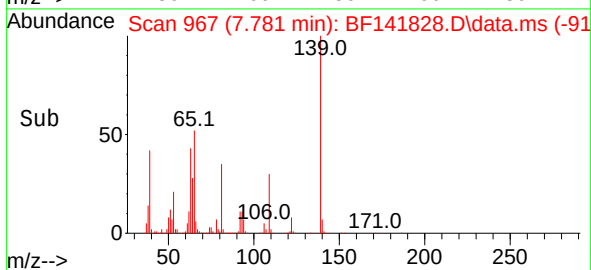
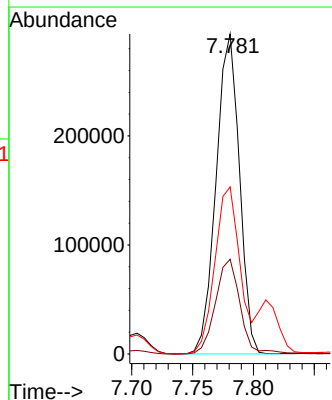
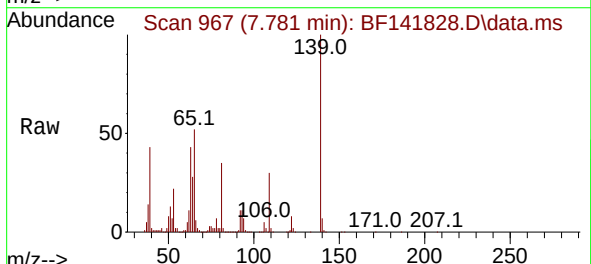
Instrument :
BNA_F
ClientSampleId :
TP-4MS

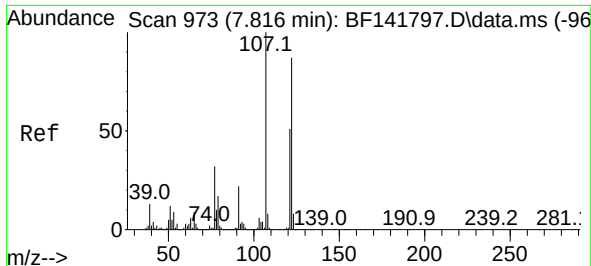
Tgt Ion: 82 Resp: 1571659
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 17.7 14.0 21.0



#26
2-Nitrophenol
Concen: 47.863 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

Tgt Ion:139 Resp: 391901
Ion Ratio Lower Upper
139 100
109 29.6 24.1 36.1
65 52.2 42.3 63.5

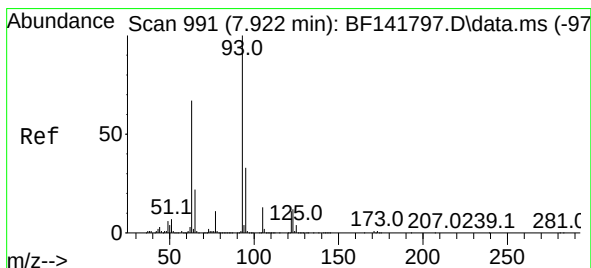
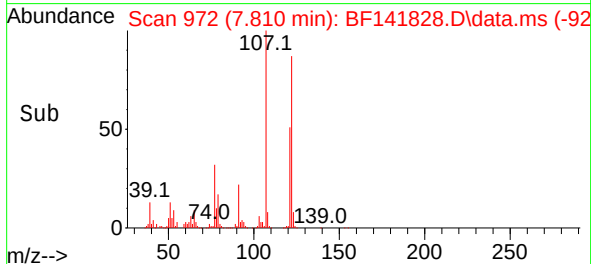
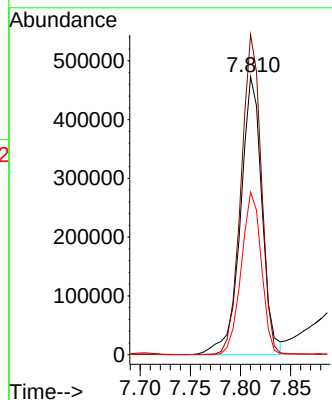
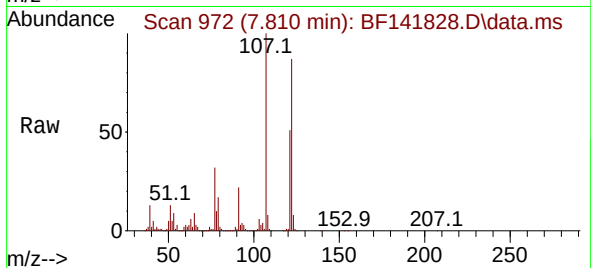




#27
2,4-Dimethylphenol
Concen: 52.166 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

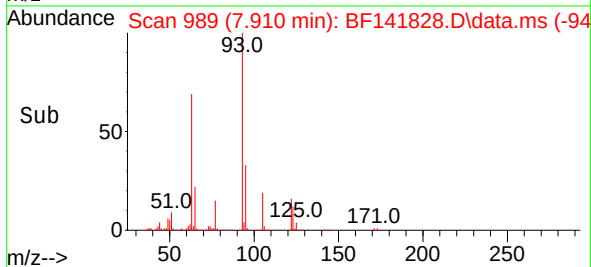
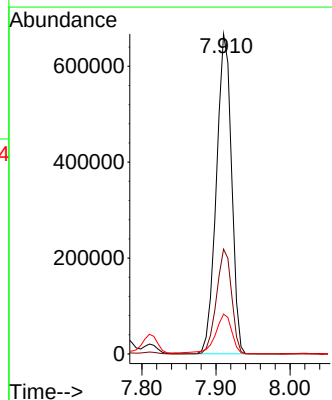
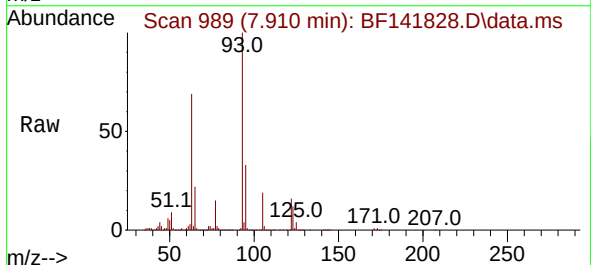
Instrument :
BNA_F
ClientSampleId :
TP-4MS

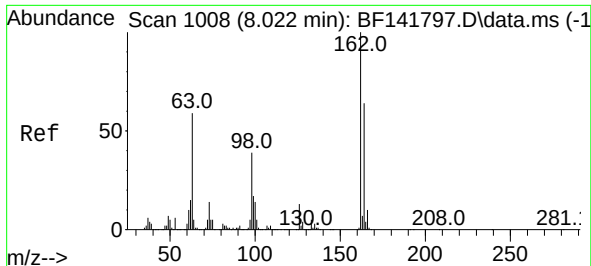
Tgt Ion:122 Resp: 705359
Ion Ratio Lower Upper
122 100
107 115.1 92.5 138.7
121 58.5 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 40.318 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

Tgt Ion: 93 Resp: 946042
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 12.4 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 42.636 ng

RT: 8.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-4MS

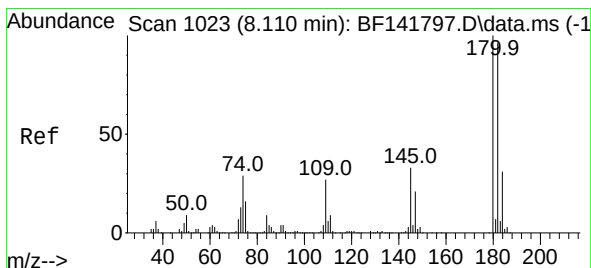
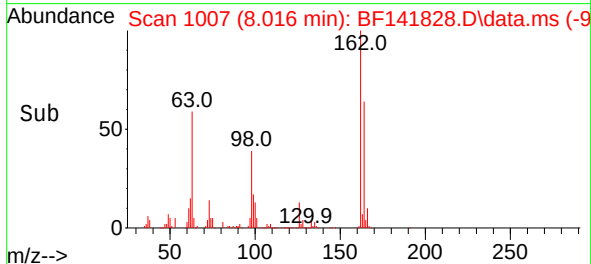
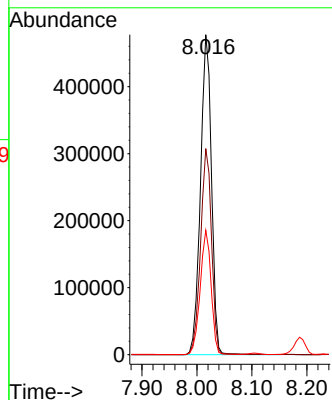
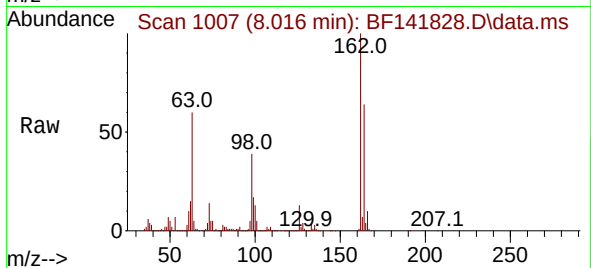
Tgt Ion:162 Resp: 665075

Ion Ratio Lower Upper

162 100

164 64.4 44.3 84.3

98 38.8 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 42.122 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

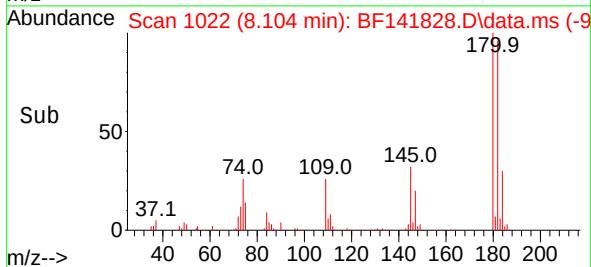
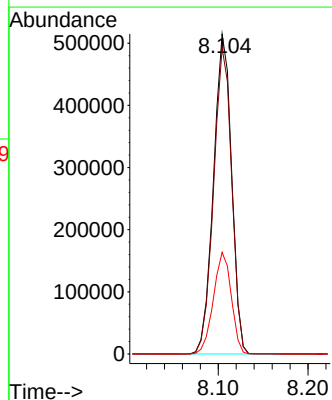
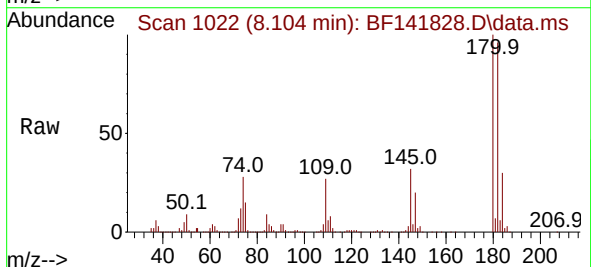
Tgt Ion:180 Resp: 719985

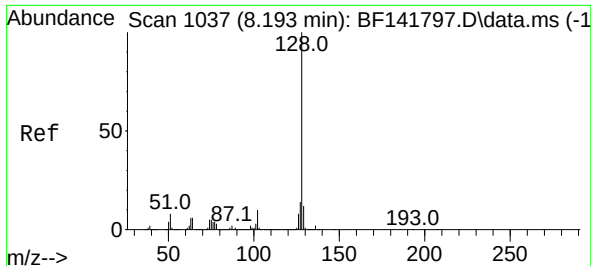
Ion Ratio Lower Upper

180 100

182 95.6 76.8 115.2

145 31.8 26.4 39.6

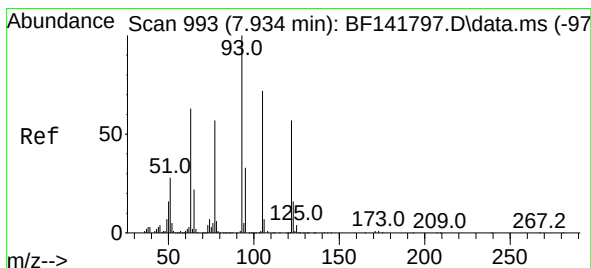
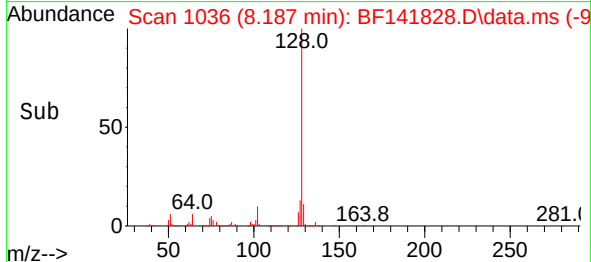
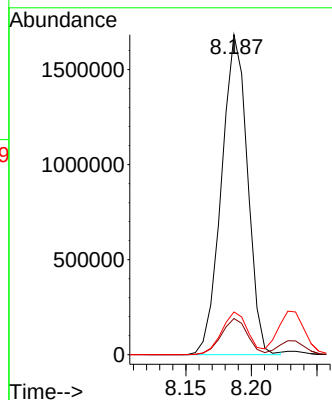
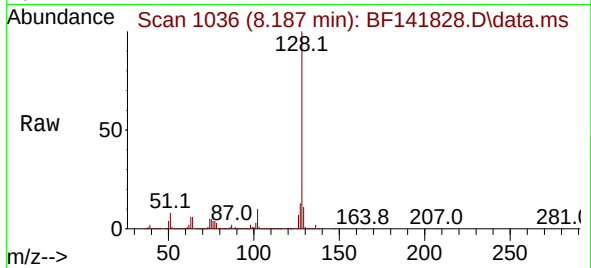




#31
Naphthalene
Concen: 41.280 ng
RT: 8.187 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

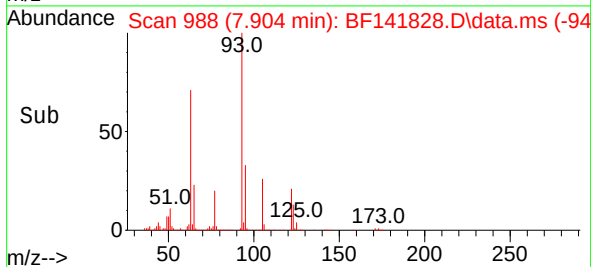
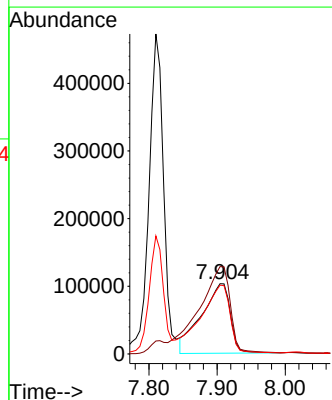
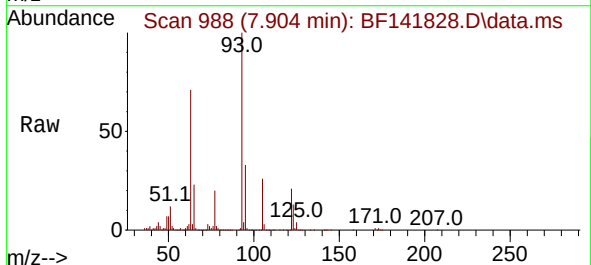
Instrument :
BNA_F
ClientSampleId :
TP-4MS

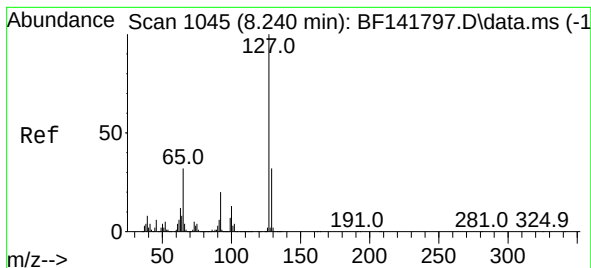
Tgt Ion:128 Resp: 2321956
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.4 11.0 16.4



#32
Benzoic acid
Concen: 30.365 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.030 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

Tgt Ion:122 Resp: 304707
Ion Ratio Lower Upper
122 100
105 124.3 105.8 145.8
77 97.9 79.9 119.9





#33

4-Chloroaniline

Concen: 16.160 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.012 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:127 Resp: 333294

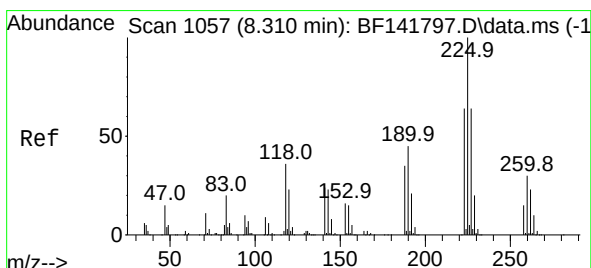
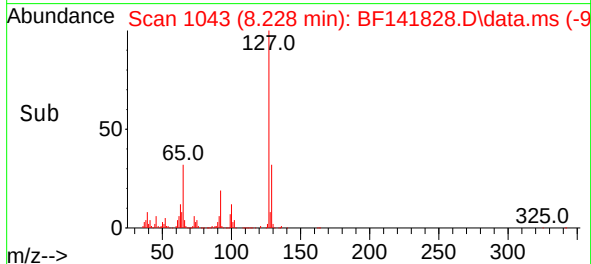
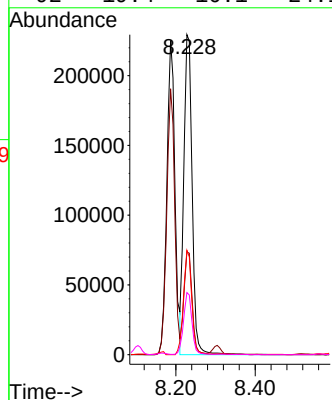
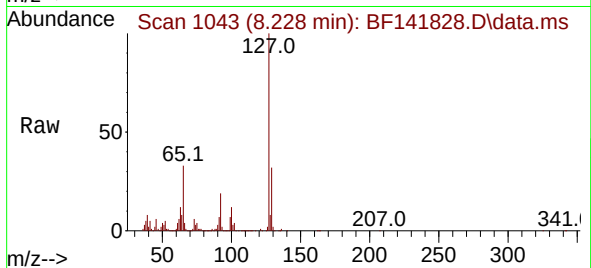
Ion Ratio Lower Upper

127 100

129 32.1 26.1 39.1

65 32.6 25.7 38.5

92 19.4 16.1 24.1



#34

Hexachlorobutadiene

Concen: 42.016 ng

RT: 8.304 min Scan# 1056

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

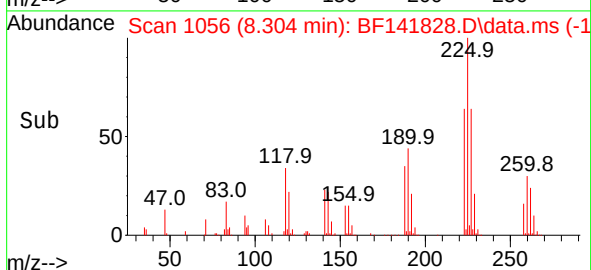
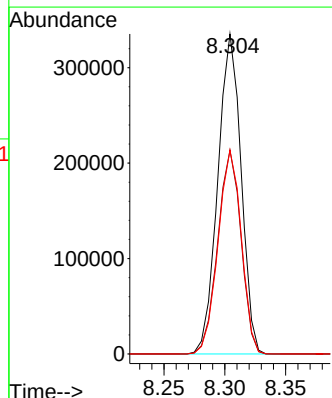
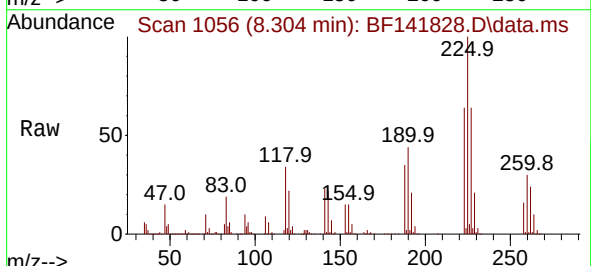
Tgt Ion:225 Resp: 446279

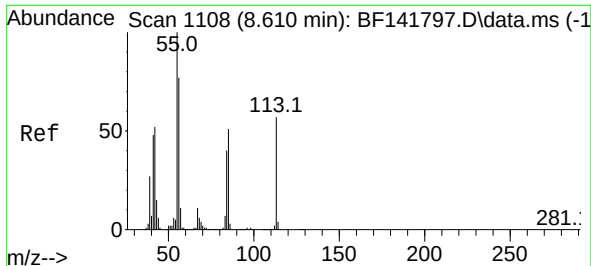
Ion Ratio Lower Upper

225 100

223 63.7 51.4 77.2

227 63.7 51.6 77.4





#35

Caprolactam

Concen: 25.407 ng

RT: 8.592 min Scan# 1105

Delta R.T. -0.018 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-4MS

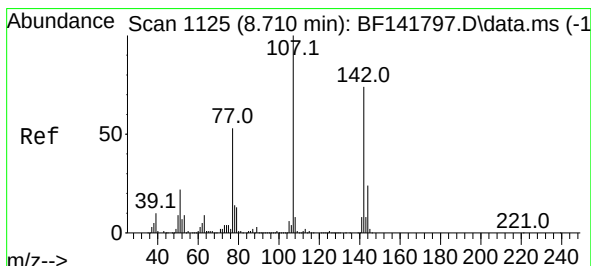
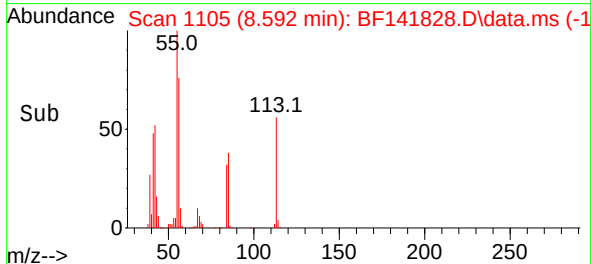
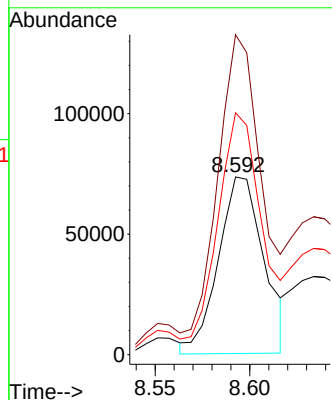
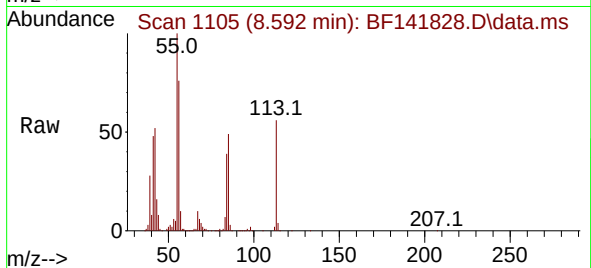
Tgt Ion:113 Resp: 121918

Ion Ratio Lower Upper

113 100

55 180.0 155.6 195.6

56 136.1 114.6 154.6



#36

4-Chloro-3-methylphenol

Concen: 40.475 ng

RT: 8.710 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

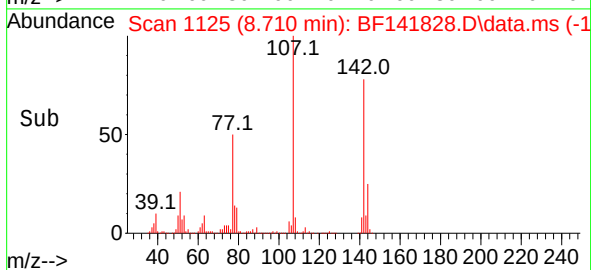
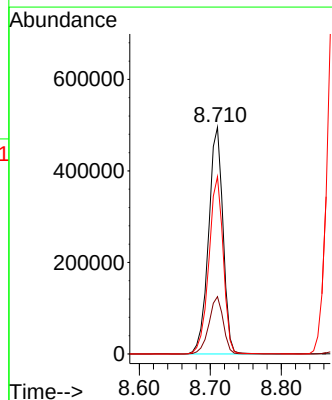
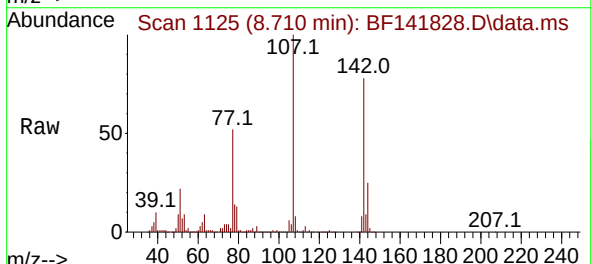
Tgt Ion:107 Resp: 701351

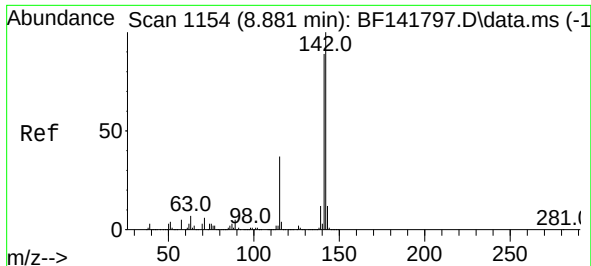
Ion Ratio Lower Upper

107 100

144 25.3 19.4 29.0

142 78.2 59.4 89.0

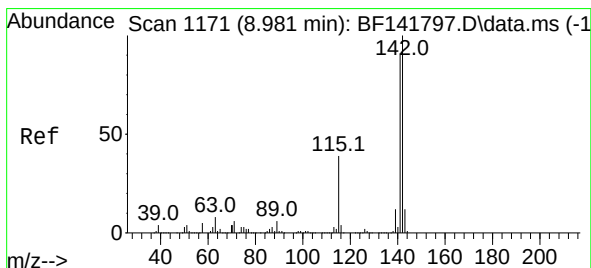
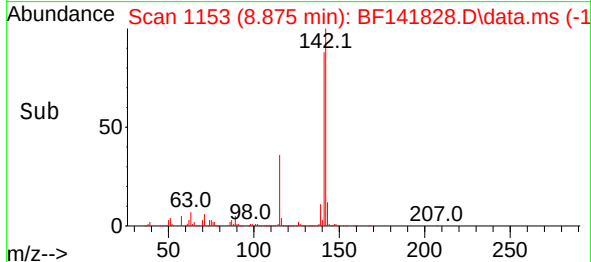
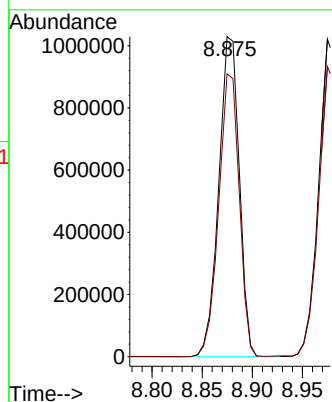
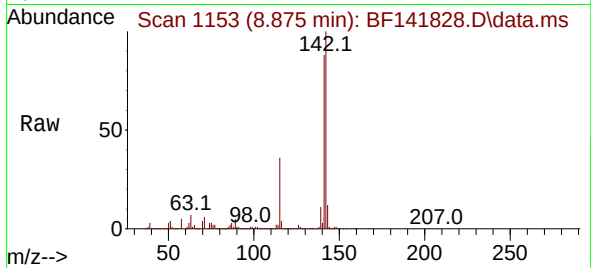




#37
2-Methylnaphthalene
Concen: 39.656 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

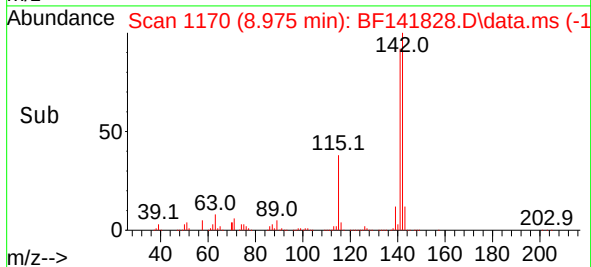
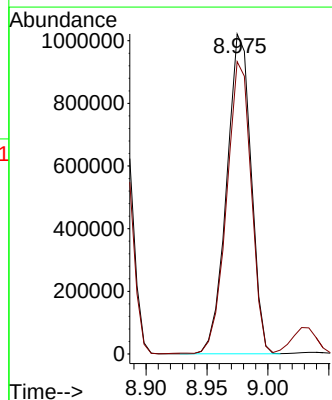
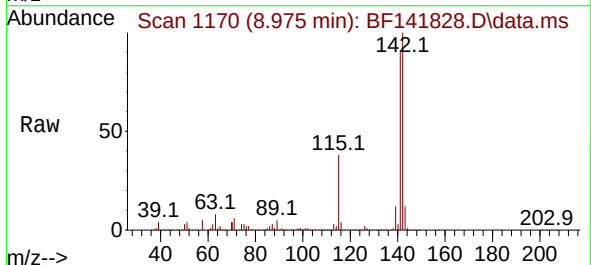
Instrument :
BNA_F
ClientSampleId :
TP-4MS

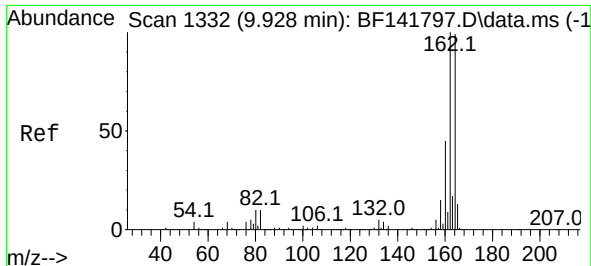
Tgt Ion:142 Resp: 1463065
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7



#38
1-Methylnaphthalene
Concen: 40.281 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

Tgt Ion:142 Resp: 1425991
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-4MS

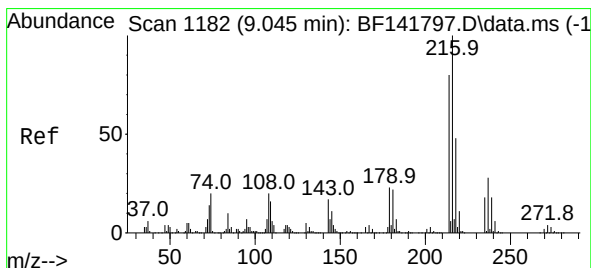
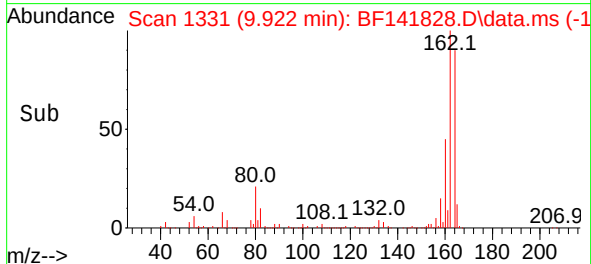
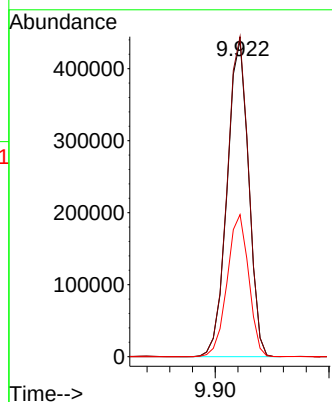
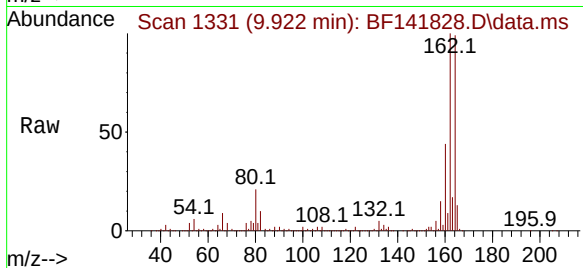
Tgt Ion:164 Resp: 576961

Ion Ratio Lower Upper

164 100

162 101.2 80.6 120.8

160 44.9 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.049 ng

RT: 9.045 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Tgt Ion:216 Resp: 767326

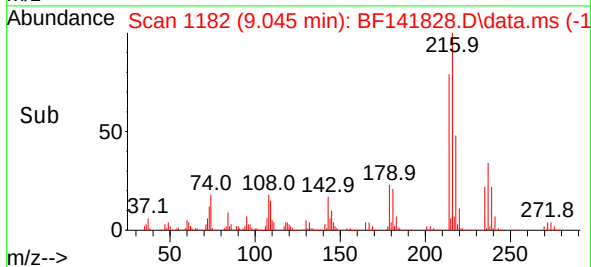
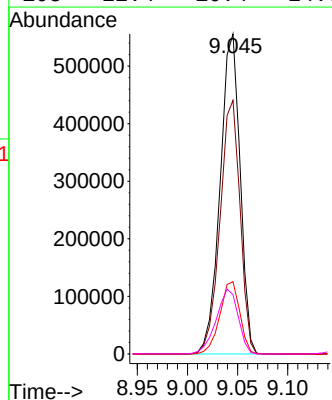
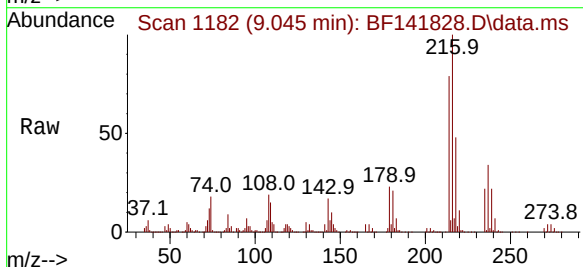
Ion Ratio Lower Upper

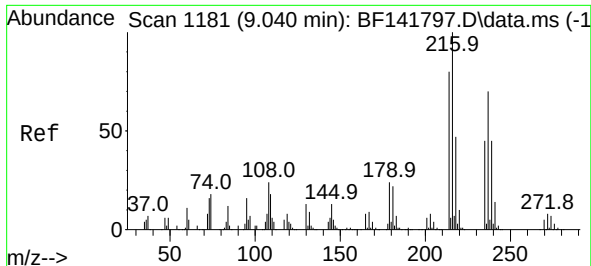
216 100

214 79.4 63.5 95.3

179 22.7 18.1 27.1

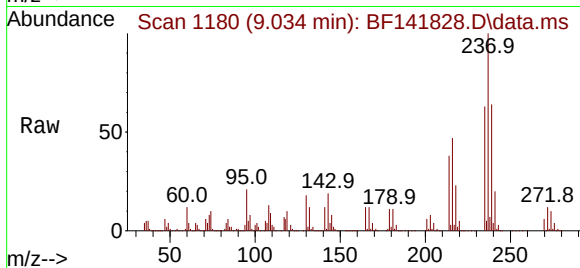
108 22.4 16.4 24.6



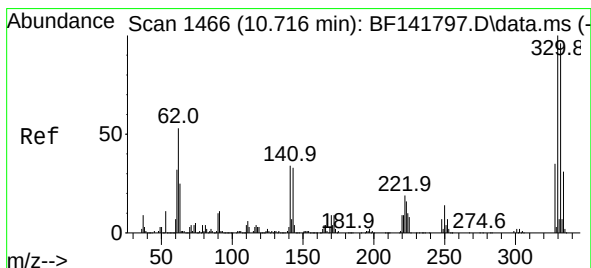
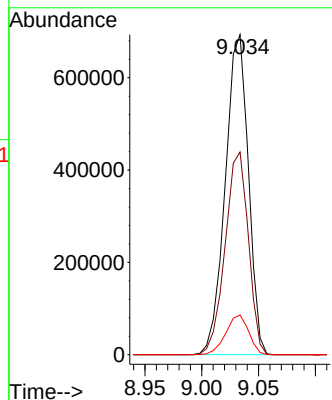
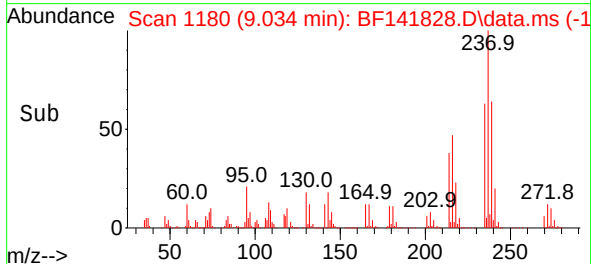


#41
Hexachlorocyclopentadiene
Concen: 140.947 ng
RT: 9.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

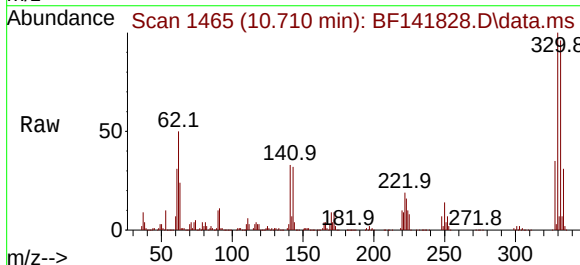
Instrument :
BNA_F
ClientSampleId :
TP-4MS



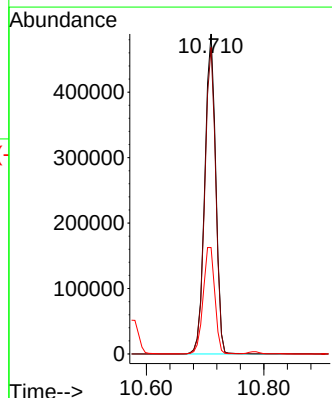
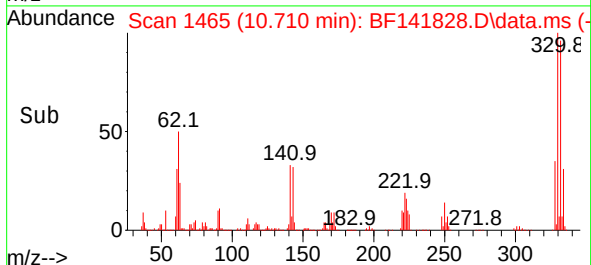
Tgt Ion:237 Resp: 980152
Ion Ratio Lower Upper
237 100
235 63.3 43.3 83.3
272 12.4 0.0 31.9

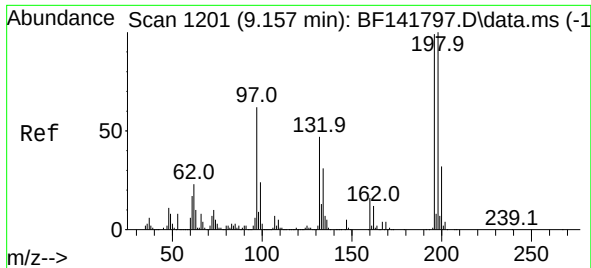


#42
2,4,6-Tribromophenol
Concen: 116.462 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48



Tgt Ion:330 Resp: 630832
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 35.3 29.0 43.4

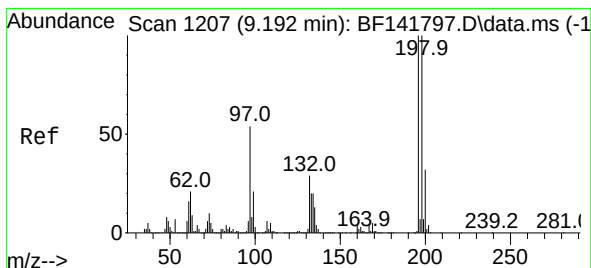
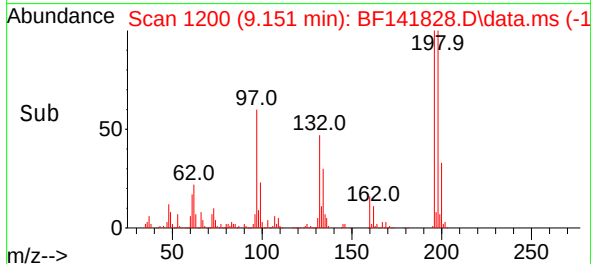
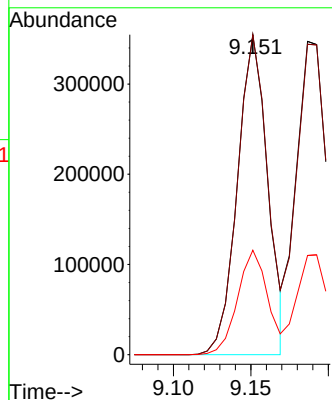
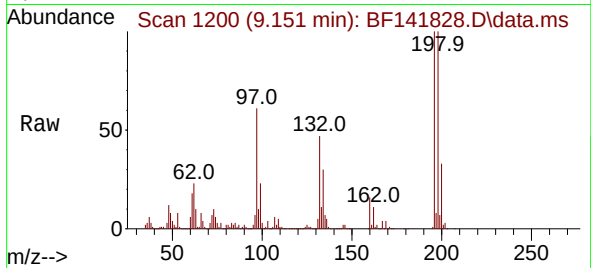




#43
2,4,6-Trichlorophenol
Concen: 44.722 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

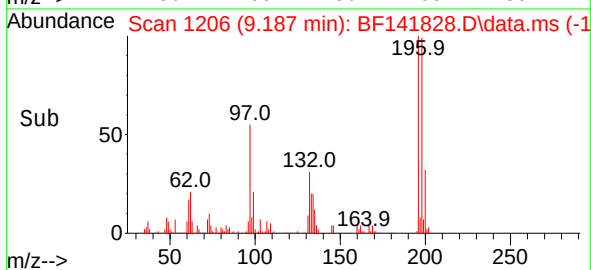
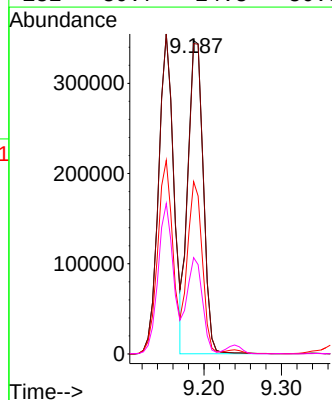
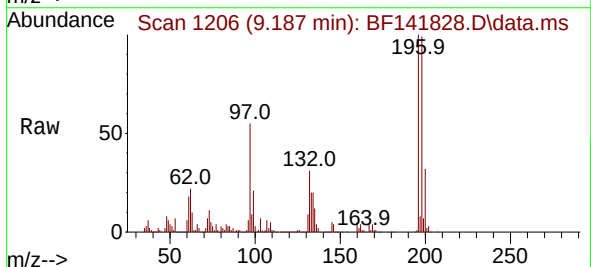
Instrument :
BNA_F
ClientSampleId :
TP-4MS

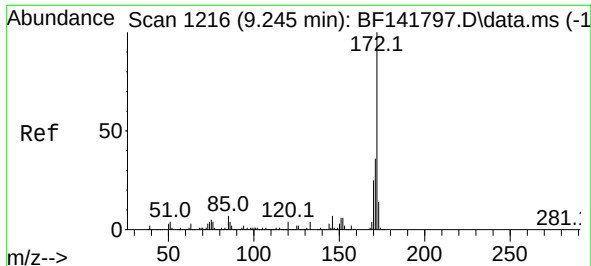
Tgt Ion:196 Resp: 481377
Ion Ratio Lower Upper
196 100
198 100.0 80.4 120.6
200 32.7 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 44.775 ng
RT: 9.187 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

Tgt Ion:196 Resp: 477240
Ion Ratio Lower Upper
196 100
198 99.1 79.7 119.5
97 55.0 44.2 66.2
132 30.7 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 77.084 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-4MS

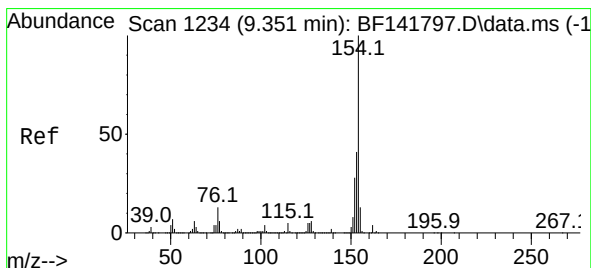
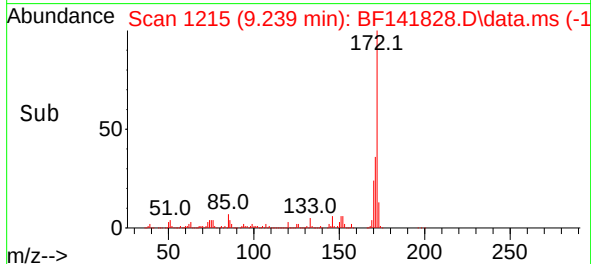
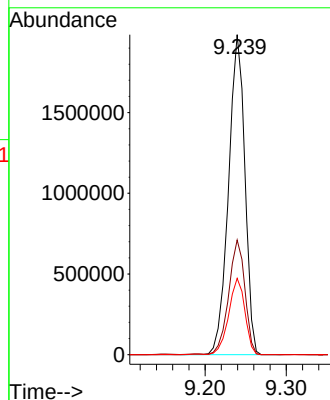
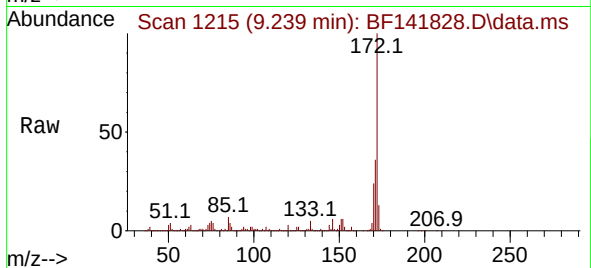
Tgt Ion:172 Resp: 2773689

Ion Ratio Lower Upper

172 100

171 35.8 29.2 43.8

170 23.8 19.7 29.5



#46

1,1'-Biphenyl

Concen: 46.269 ng

RT: 9.339 min Scan# 1232

Delta R.T. -0.012 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

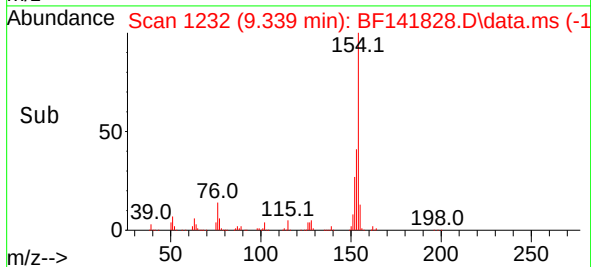
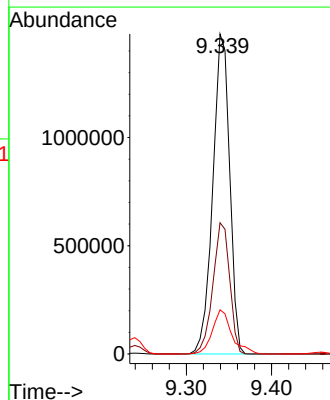
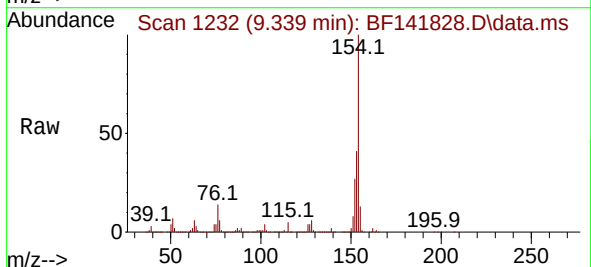
Tgt Ion:154 Resp: 2031934

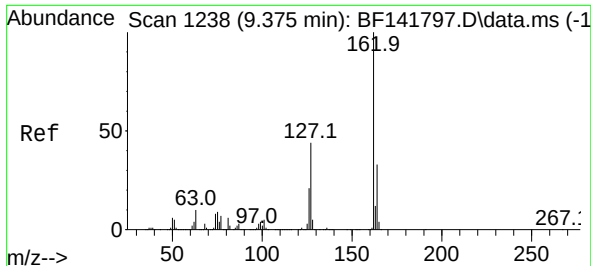
Ion Ratio Lower Upper

154 100

153 41.0 21.4 61.4

76 13.8 0.0 33.4





#47

2-Chloronaphthalene

Concen: 43.313 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-4MS

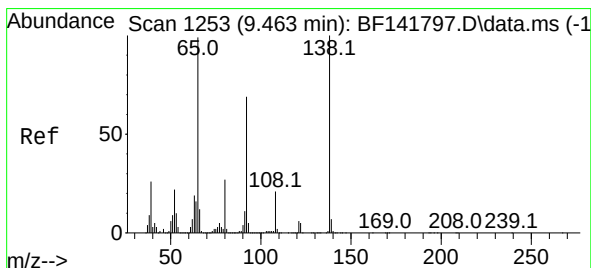
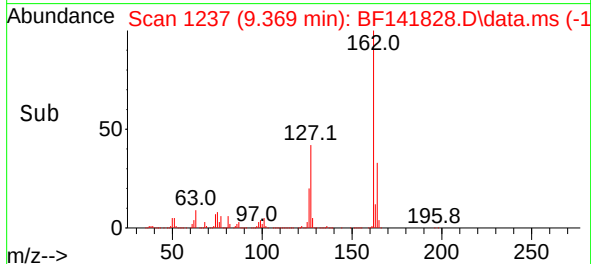
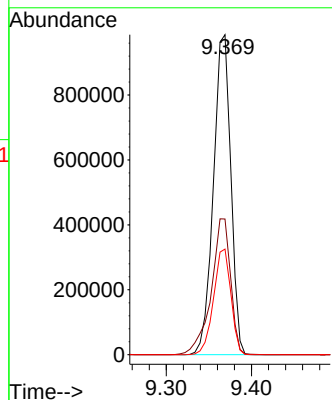
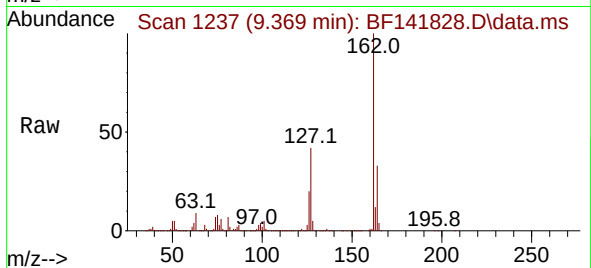
Tgt Ion:162 Resp: 1403924

Ion Ratio Lower Upper

162 100

127 42.4 35.0 52.6

164 33.0 26.6 40.0



#48

2-Nitroaniline

Concen: 47.914 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

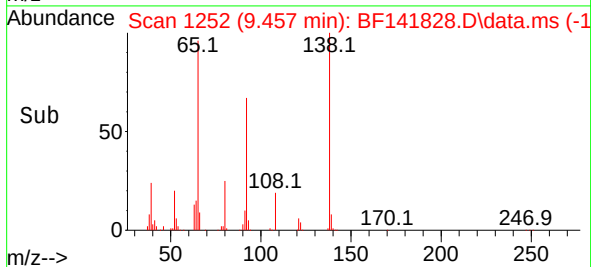
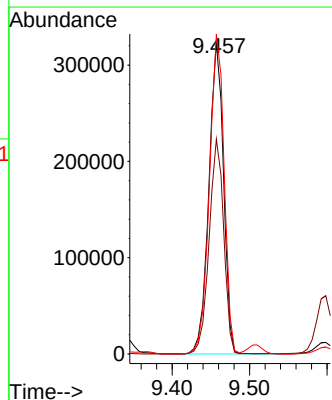
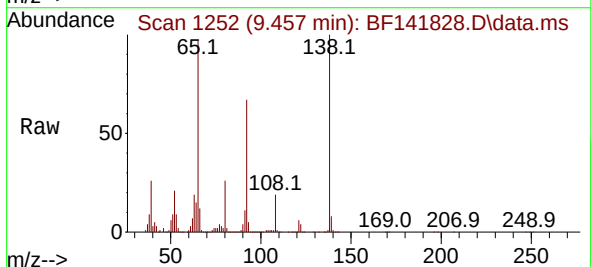
Tgt Ion: 65 Resp: 425033

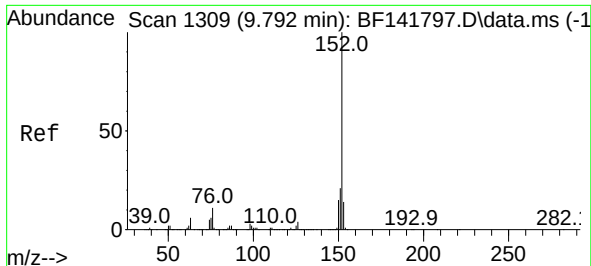
Ion Ratio Lower Upper

65 100

92 69.0 55.7 83.5

138 102.8 80.6 121.0





#49

Acenaphthylene

Concen: 44.148 ng

RT: 9.781 min Scan# 1309

Delta R.T. -0.012 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-4MS

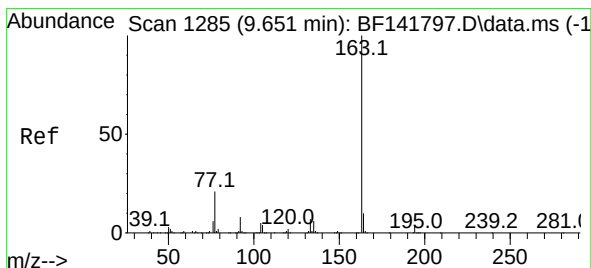
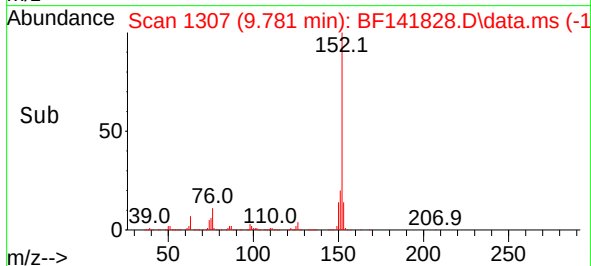
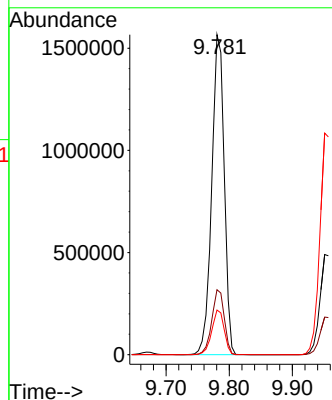
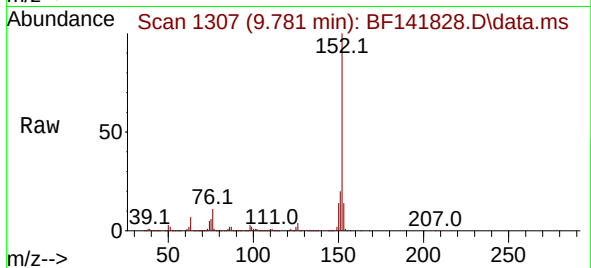
Tgt Ion:152 Resp: 2145476

Ion Ratio Lower Upper

152 100

151 20.3 16.6 24.8

153 13.9 11.2 16.8



#50

Dimethylphthalate

Concen: 40.923 ng

RT: 9.639 min Scan# 1283

Delta R.T. -0.012 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

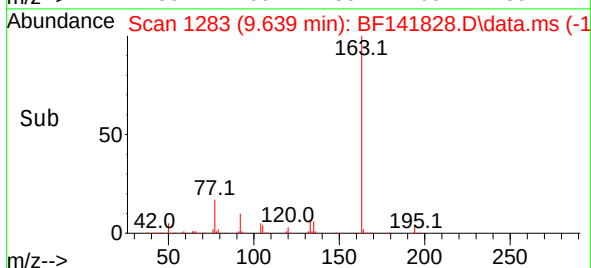
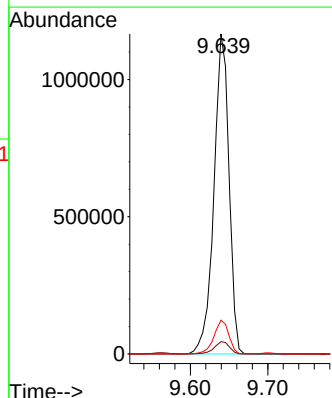
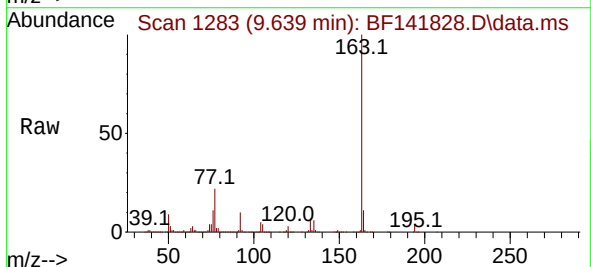
Tgt Ion:163 Resp: 1581162

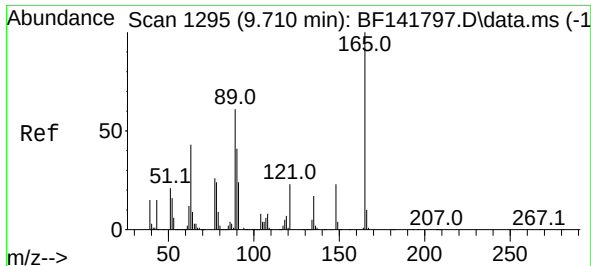
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.5 8.4 12.6

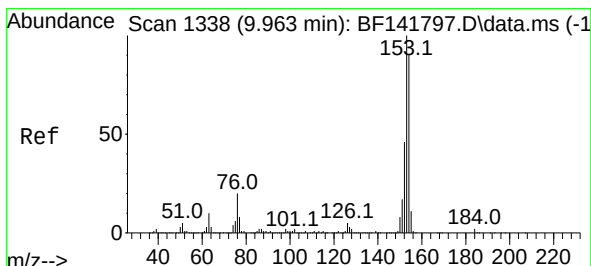
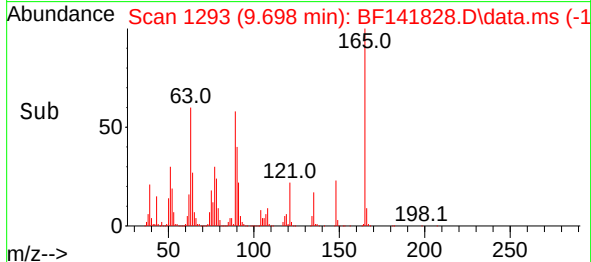
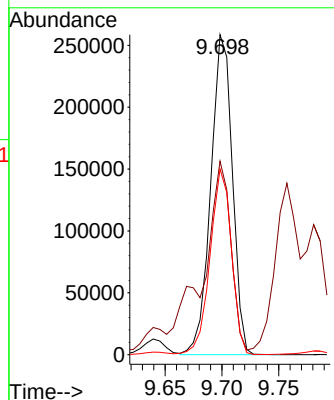
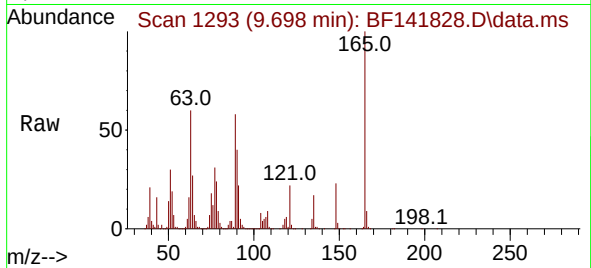




#51
2,6-Dinitrotoluene
Concen: 46.467 ng
RT: 9.698 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

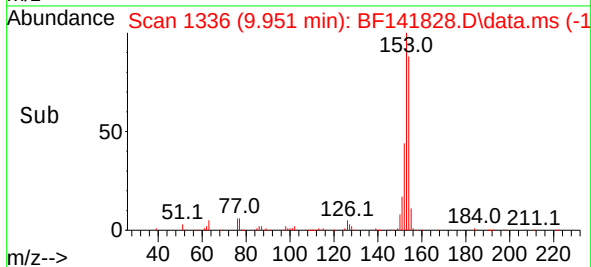
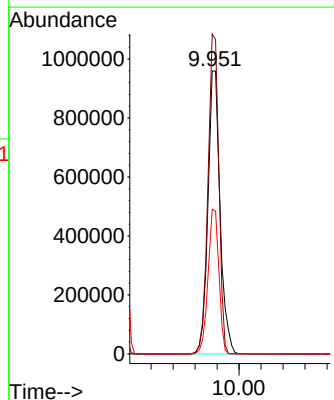
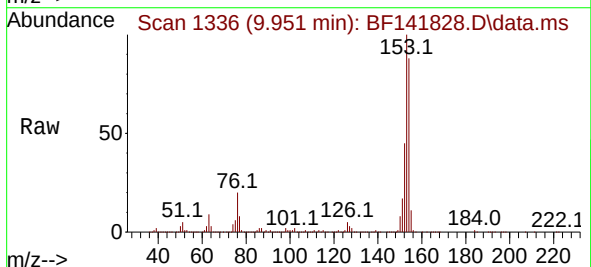
Instrument :
BNA_F
ClientSampleId :
TP-4MS

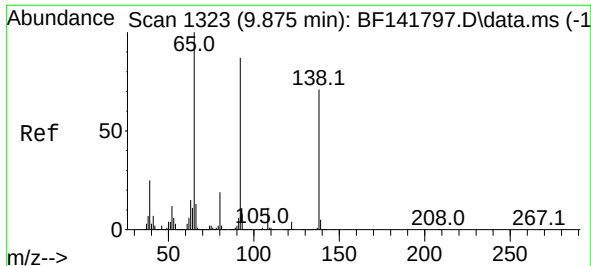
Tgt Ion:165 Resp: 342750
Ion Ratio Lower Upper
165 100
63 60.5 49.5 74.3
89 58.0 49.0 73.4



#52
Acenaphthene
Concen: 44.834 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

Tgt Ion:154 Resp: 1470170
Ion Ratio Lower Upper
154 100
153 113.1 88.7 133.1
152 51.1 40.9 61.3





#53

3-Nitroaniline

Concen: 29.358 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-4MS

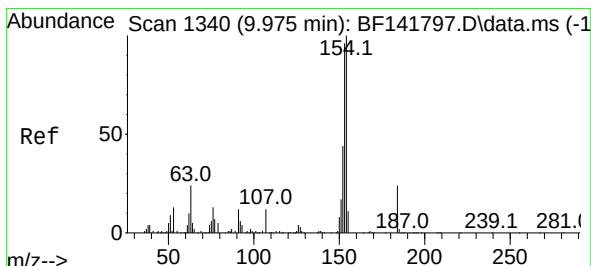
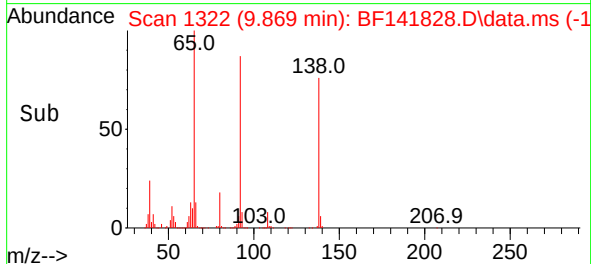
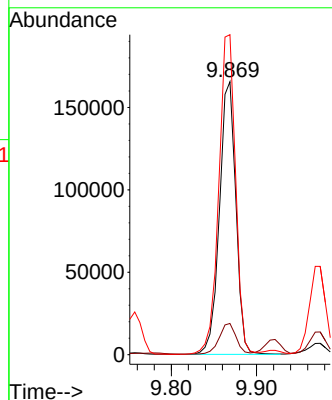
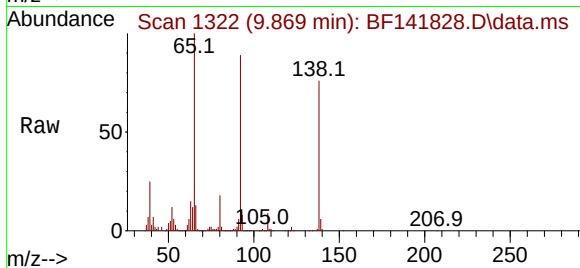
Tgt Ion:138 Resp: 221470

Ion Ratio Lower Upper

138 100

108 11.4 12.7 19.1#

92 117.2 97.9 146.9



#54

2,4-Dinitrophenol

Concen: 79.519 ng

RT: 9.975 min Scan# 1340

Delta R.T. -0.000 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

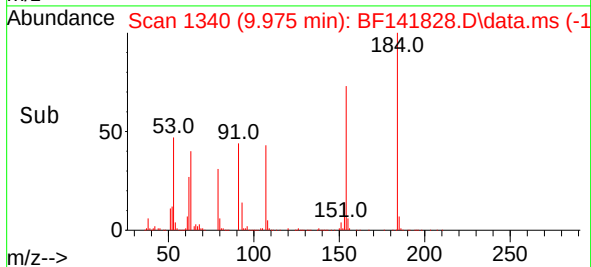
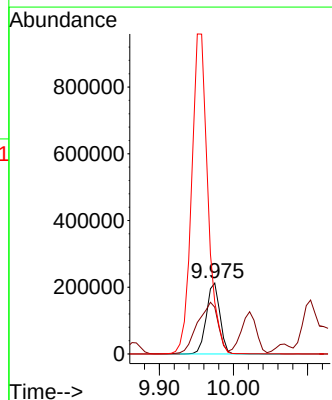
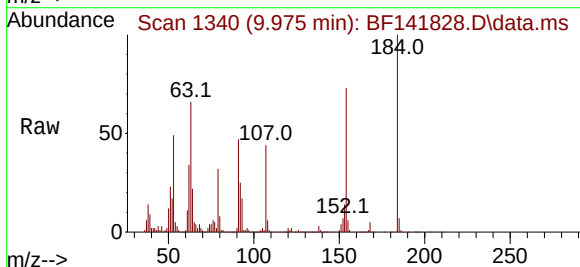
Tgt Ion:184 Resp: 269264

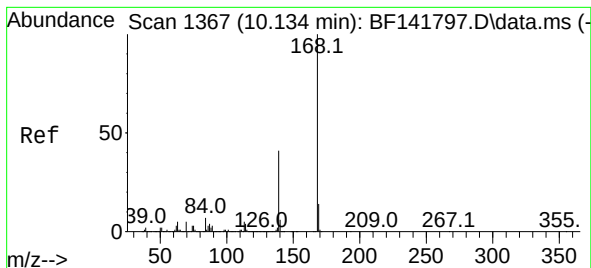
Ion Ratio Lower Upper

184 100

63 65.9 79.0 118.6#

154 73.1 335.8 503.8#





#55

Dibenzenofuran

Concen: 40.339 ng

RT: 10.128 min Scan# 1366

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-4MS

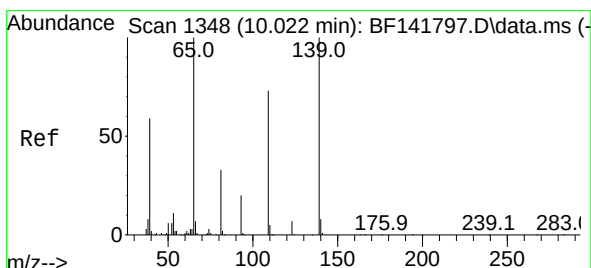
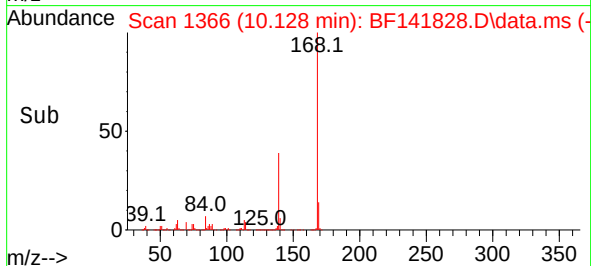
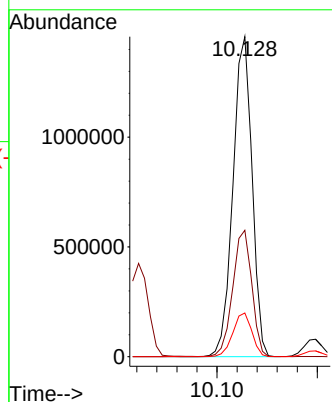
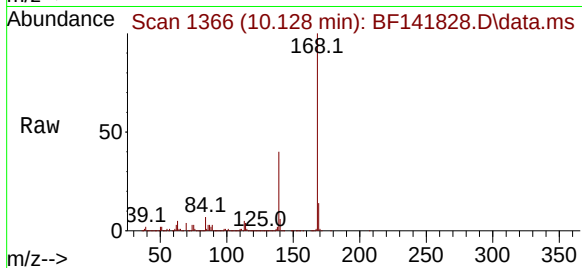
Tgt Ion:168 Resp: 1925297

Ion Ratio Lower Upper

168 100

139 39.5 32.9 49.3

169 13.7 11.1 16.7



#56

4-Nitrophenol

Concen: 106.742 ng

RT: 10.022 min Scan# 1348

Delta R.T. -0.000 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

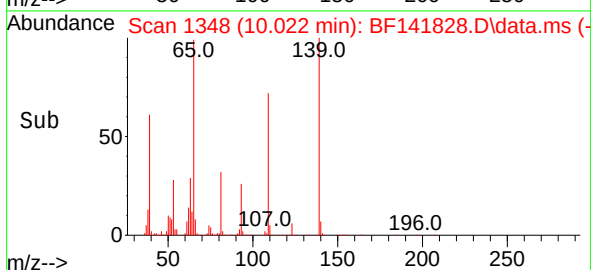
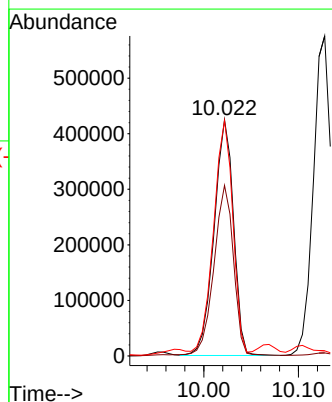
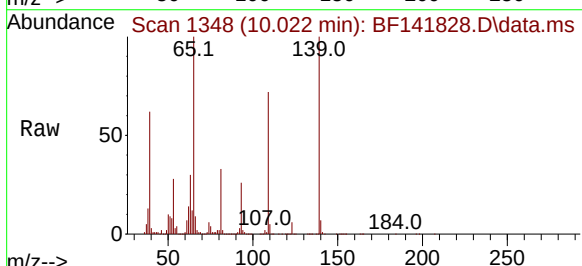
Tgt Ion:139 Resp: 609134

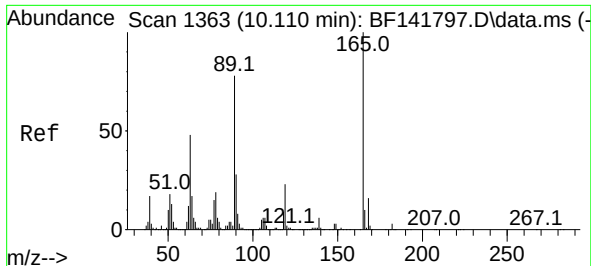
Ion Ratio Lower Upper

139 100

109 72.2 53.4 93.4

65 99.7 82.1 122.1

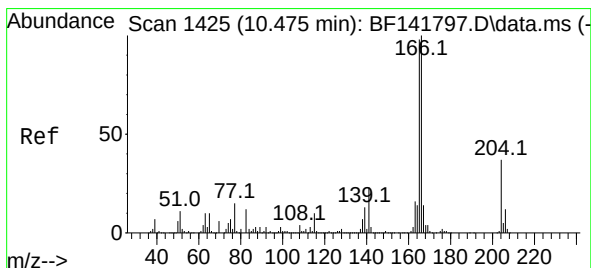
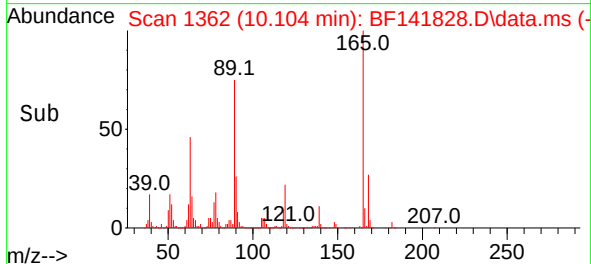
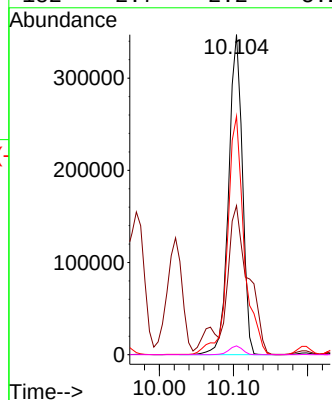
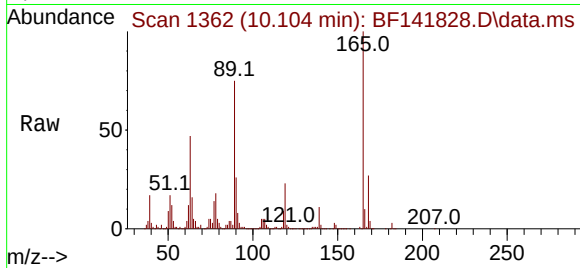




#57
2,4-Dinitrotoluene
Concen: 49.316 ng
RT: 10.104 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

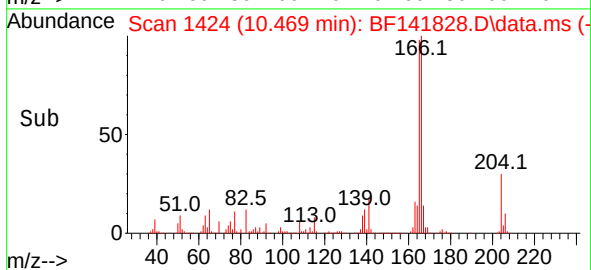
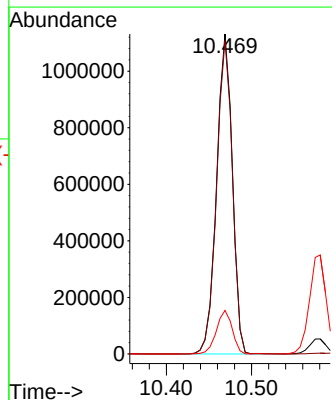
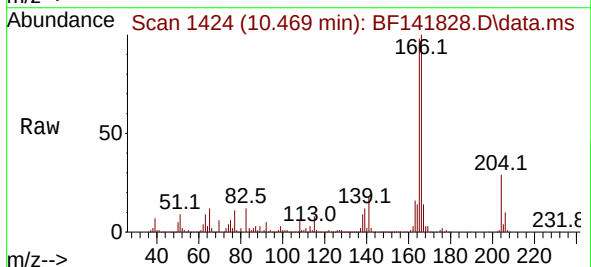
Instrument :
BNA_F
ClientSampleId :
TP-4MS

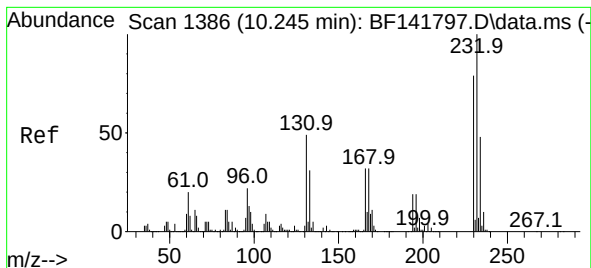
Tgt Ion:165 Resp: 446180
Ion Ratio Lower Upper
165 100
63 46.6 38.8 58.2
89 74.5 62.6 94.0
182 2.7 2.2 3.2



#58
Fluorene
Concen: 40.692 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

Tgt Ion:166 Resp: 1454753
Ion Ratio Lower Upper
166 100
165 97.9 78.6 117.8
167 13.6 11.0 16.4

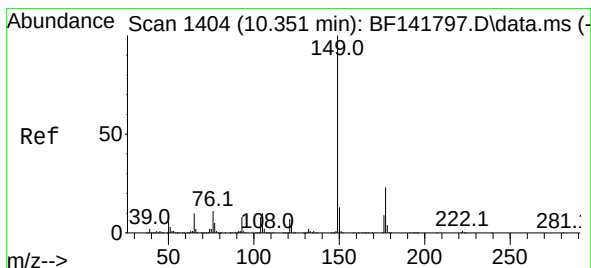
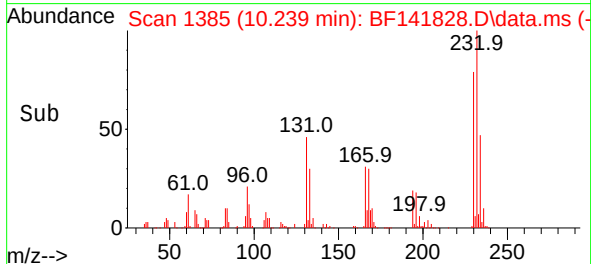
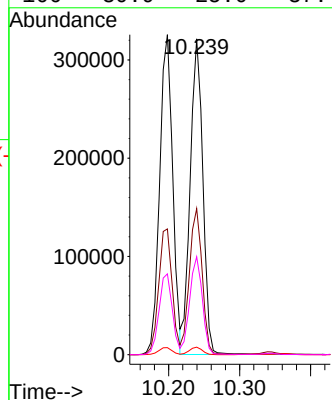
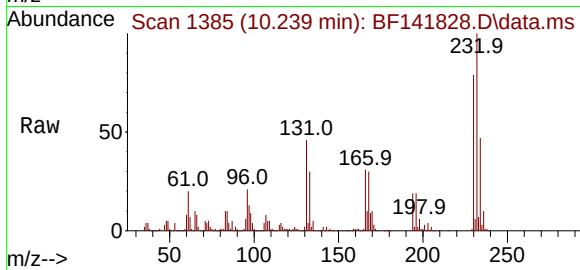




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.867 ng
RT: 10.239 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

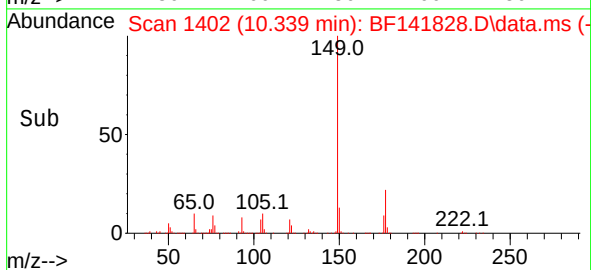
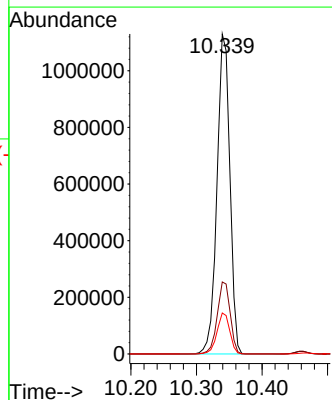
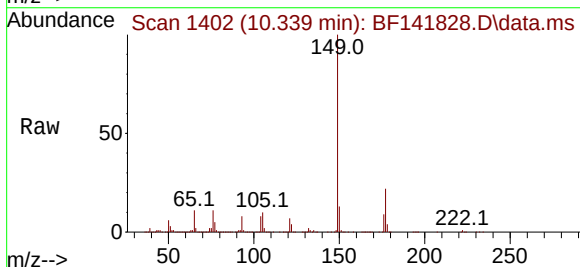
Instrument :
BNA_F
ClientSampleId :
TP-4MS

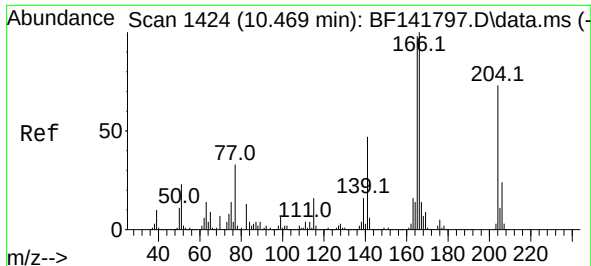
Tgt Ion:232 Resp: 397375
Ion Ratio Lower Upper
232 100
131 46.7 37.8 56.8
130 2.4 2.0 3.0
166 30.9 25.0 37.4



#60
Diethylphthalate
Concen: 39.489 ng
RT: 10.339 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

Tgt Ion:149 Resp: 1529579
Ion Ratio Lower Upper
149 100
177 22.5 18.3 27.5
150 12.8 10.3 15.5

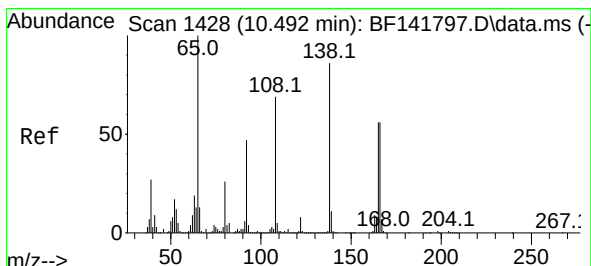
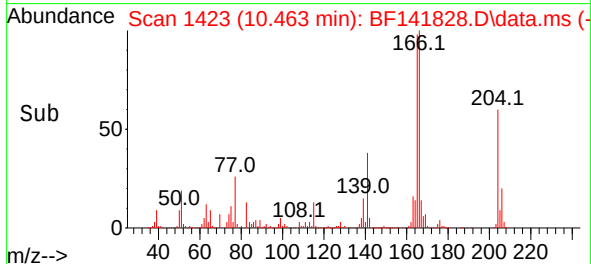
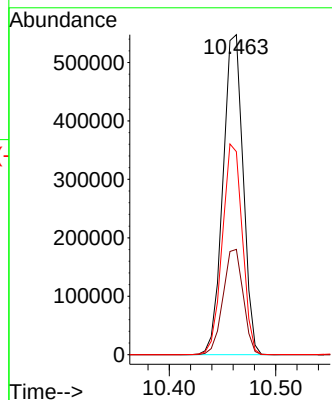
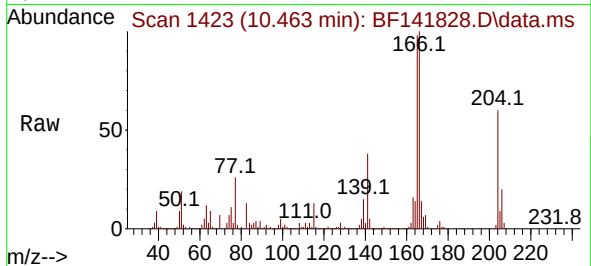




#61
4-Chlorophenyl-phenylether
Concen: 40.040 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

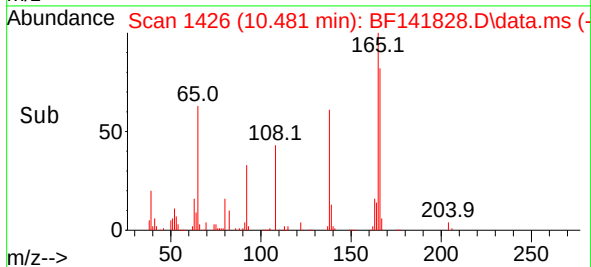
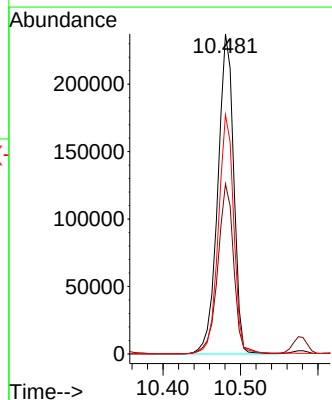
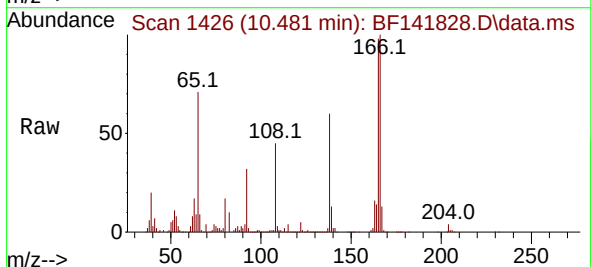
Instrument :
BNA_F
ClientSampleId :
TP-4MS

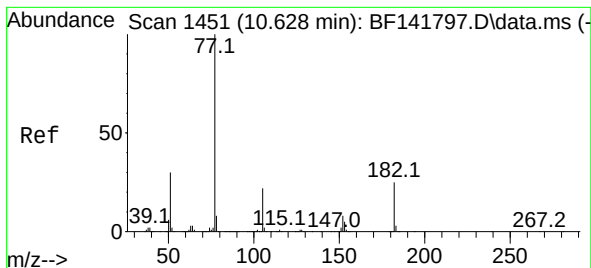
Tgt Ion:204 Resp: 717216
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.4
141 63.5 51.7 77.5



#62
4-Nitroaniline
Concen: 51.262 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

Tgt Ion:138 Resp: 338247
Ion Ratio Lower Upper
138 100
92 53.2 34.9 74.9
108 74.8 59.6 99.6





#63

Azobenzene

Concen: 42.048 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion: 77 Resp: 1714859

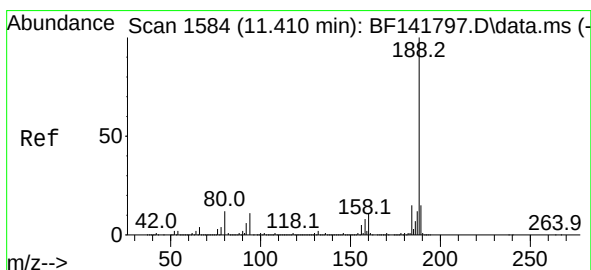
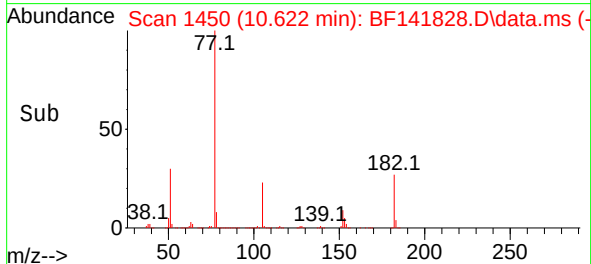
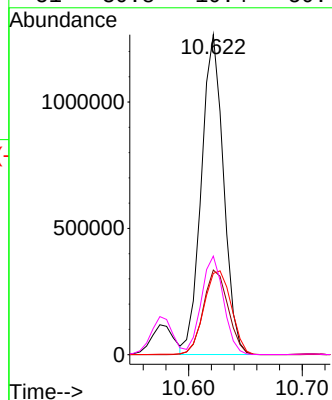
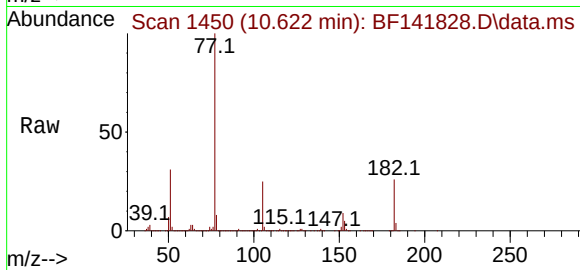
Ion Ratio Lower Upper

77 100

182 26.4 4.2 44.2

105 25.4 1.5 41.5

51 30.8 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

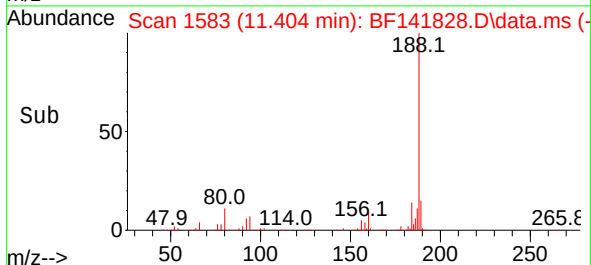
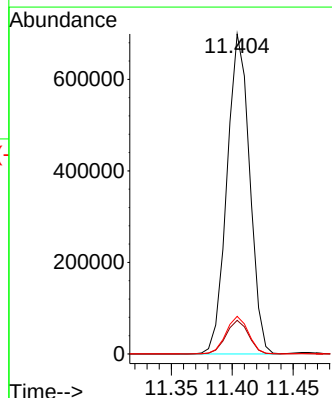
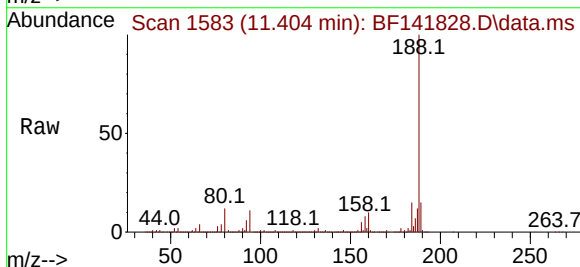
Tgt Ion: 188 Resp: 904924

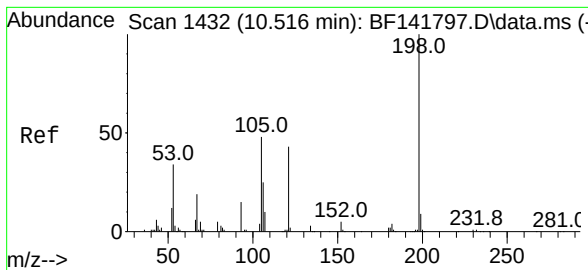
Ion Ratio Lower Upper

188 100

94 10.5 8.9 13.3

80 11.8 9.7 14.5

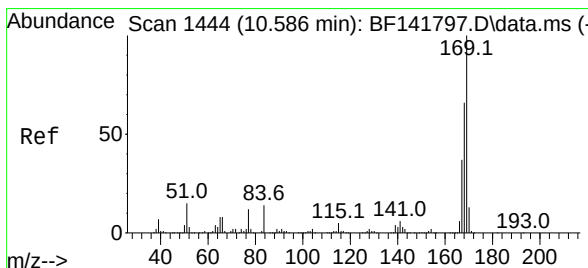
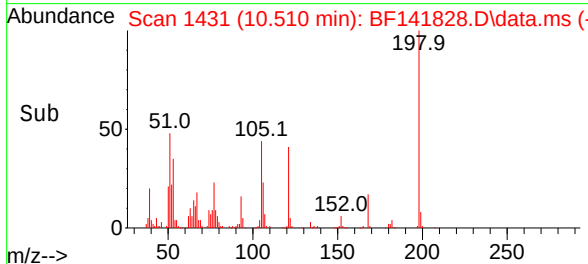
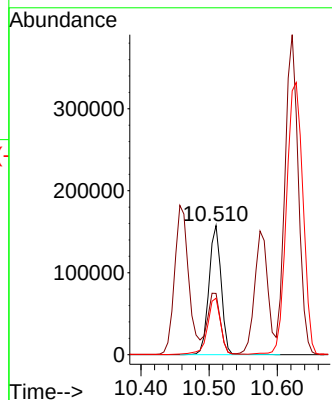
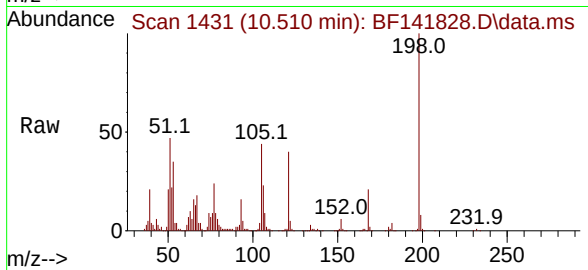




#65
4,6-Dinitro-2-methylphenol
Concen: 46.355 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

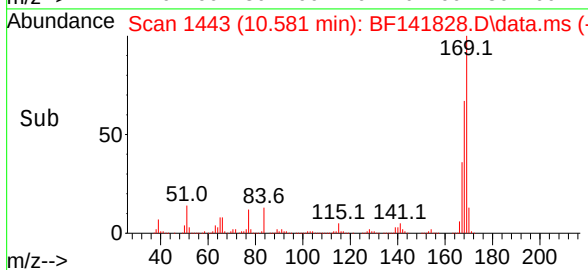
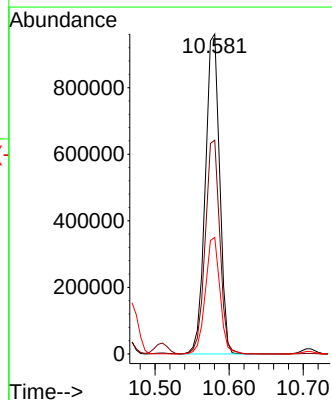
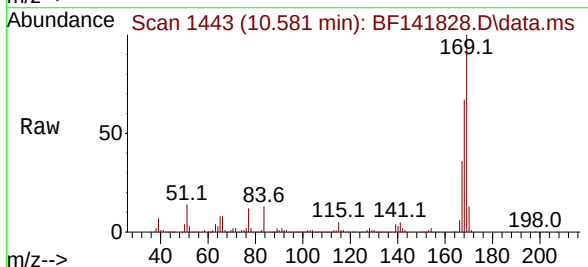
Instrument :
BNA_F
ClientSampleId :
TP-4MS

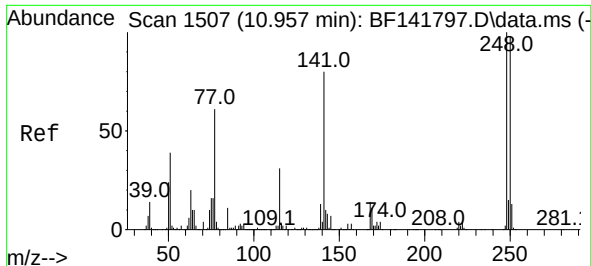
Tgt Ion:198 Resp: 196107
Ion Ratio Lower Upper
198 100
51 47.5 32.1 72.1
105 43.7 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 43.400 ng
RT: 10.581 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

Tgt Ion:169 Resp: 1289618
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.6
167 36.4 29.3 43.9

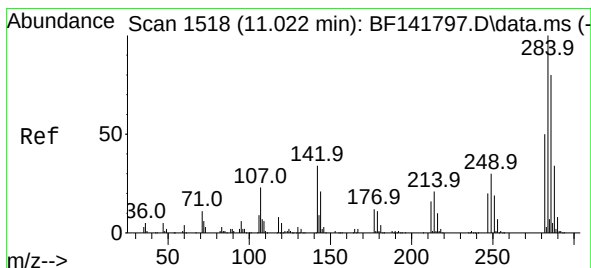
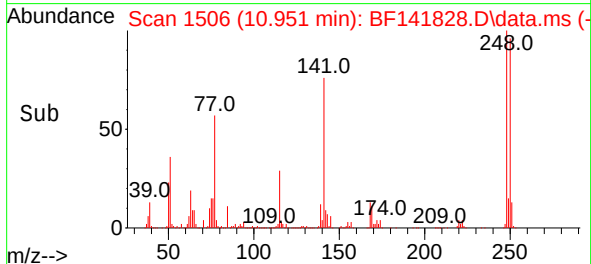
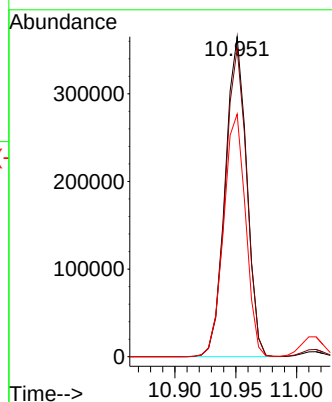
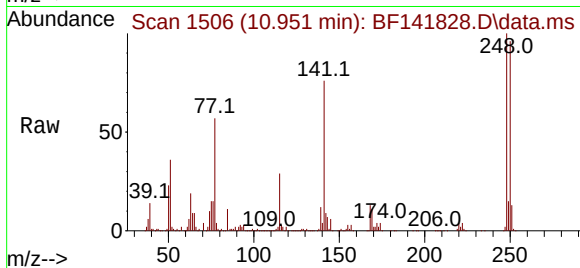




#67
4-Bromophenyl-phenylether
Concen: 42.508 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

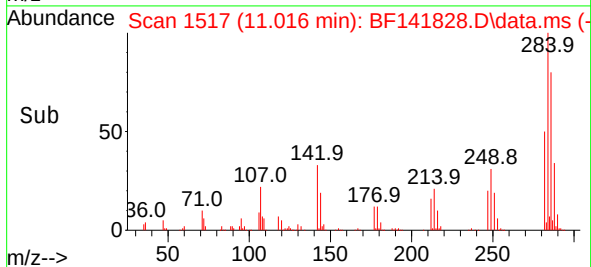
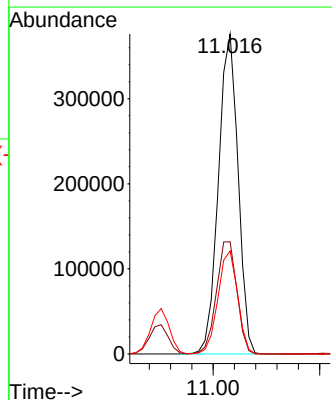
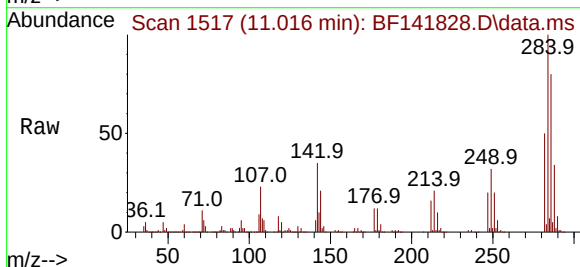
Instrument :
BNA_F
ClientSampleId :
TP-4MS

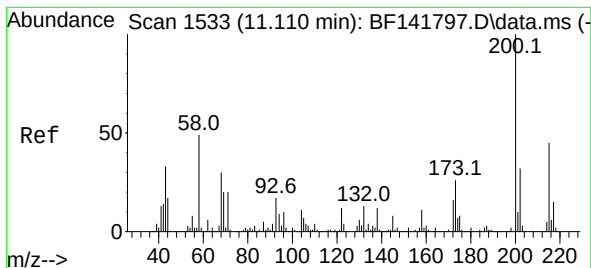
Tgt Ion:248 Resp: 449308
Ion Ratio Lower Upper
248 100
250 96.4 78.1 117.1
141 75.8 64.3 96.5



#68
Hexachlorobenzene
Concen: 43.053 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

Tgt Ion:284 Resp: 480534
Ion Ratio Lower Upper
284 100
142 35.0 28.2 42.2
249 32.2 25.5 38.3





#69

Atrazine

Concen: 57.168 ng

RT: 11.104 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-4MS

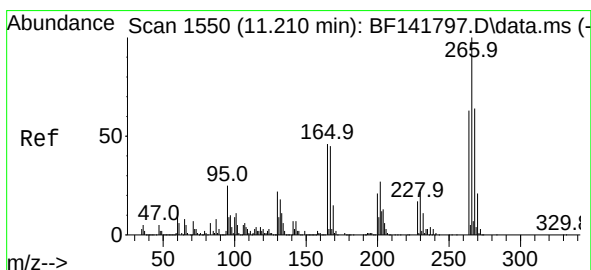
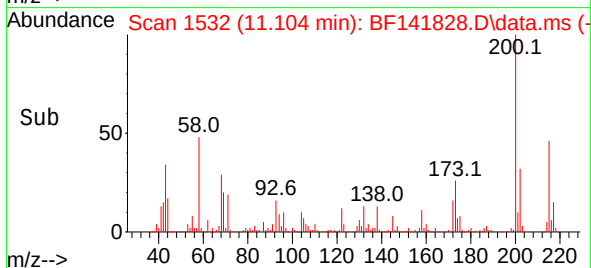
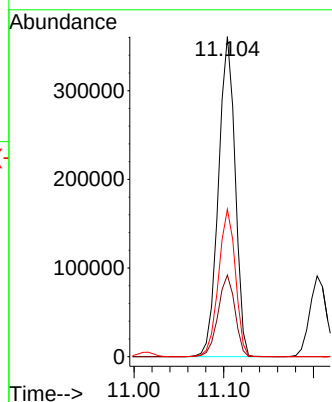
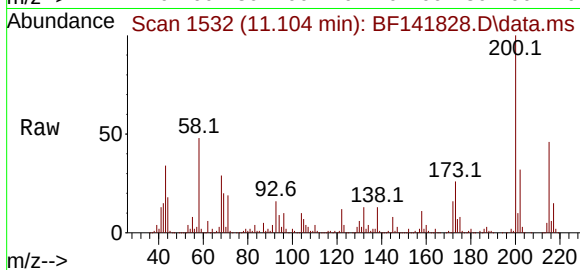
Tgt Ion:200 Resp: 467139

Ion Ratio Lower Upper

200 100

173 25.5 5.6 45.6

215 46.1 25.3 65.3



#70

Pentachlorophenol

Concen: 80.110 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

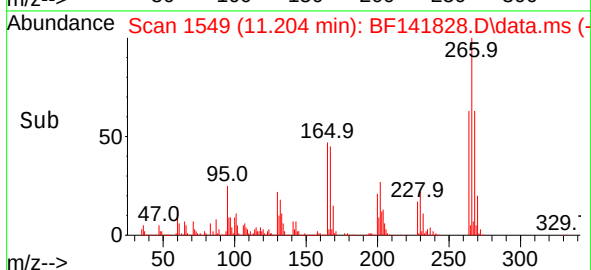
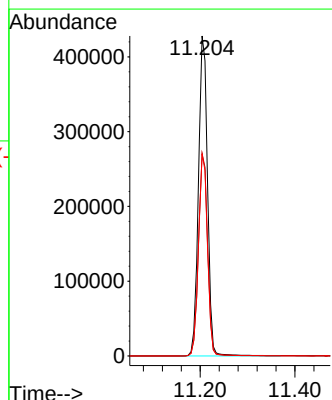
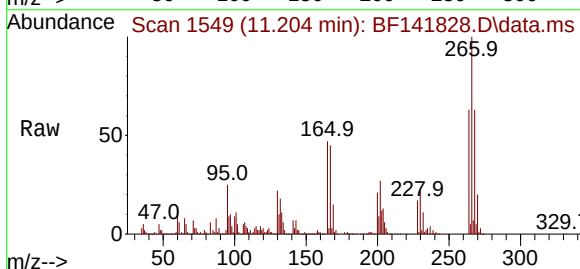
Tgt Ion:266 Resp: 567096

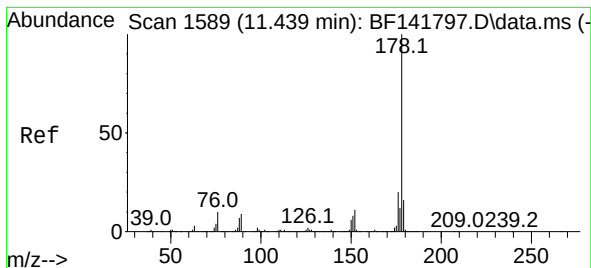
Ion Ratio Lower Upper

266 100

268 63.2 50.9 76.3

264 63.0 50.2 75.4





#71

Phenanthrene

Concen: 43.360 ng

RT: 11.433 min Scan# 1588

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-4MS

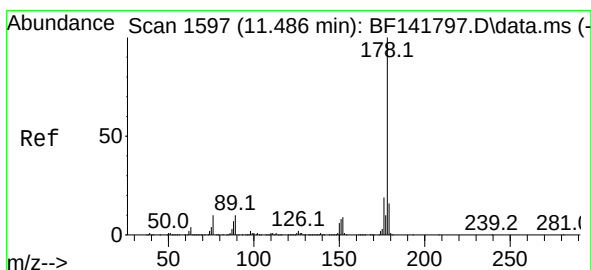
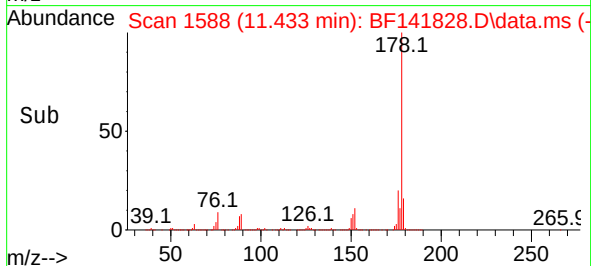
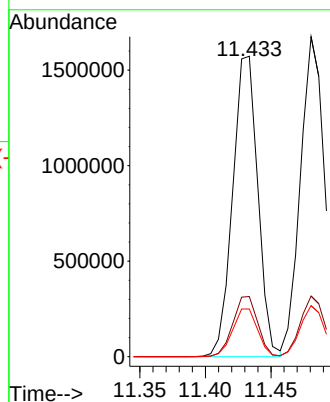
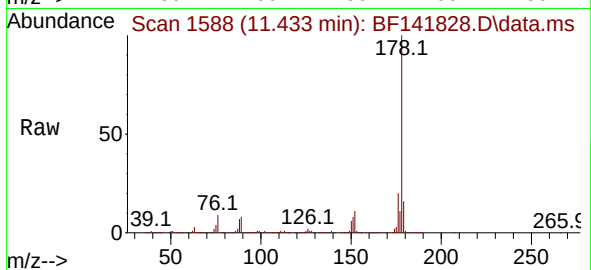
Tgt Ion:178 Resp: 2098818

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

179 15.9 12.6 19.0



#72

Anthracene

Concen: 43.712 ng

RT: 11.481 min Scan# 1596

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

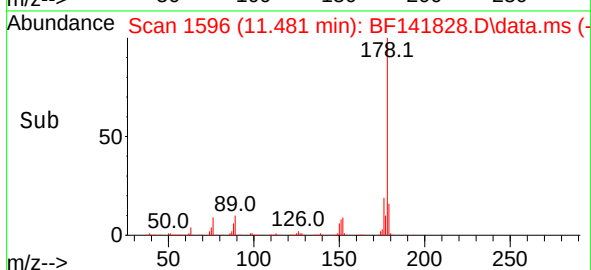
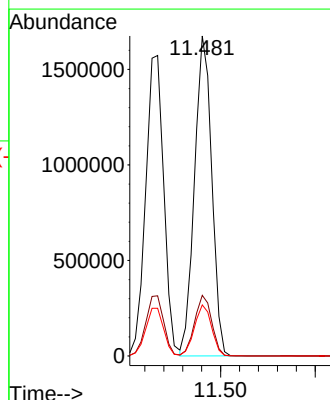
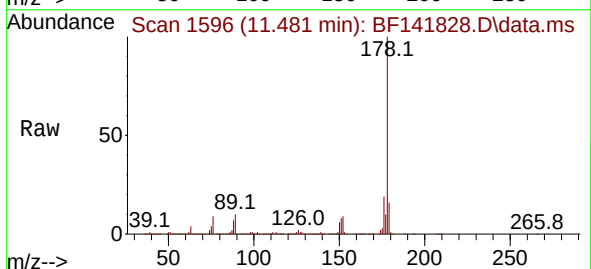
Tgt Ion:178 Resp: 2120557

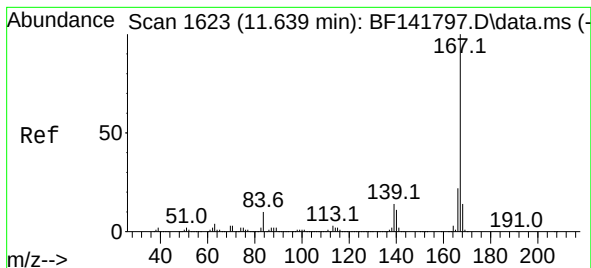
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 16.0 12.8 19.2





#73

Carbazole

Concen: 41.654 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-4MS

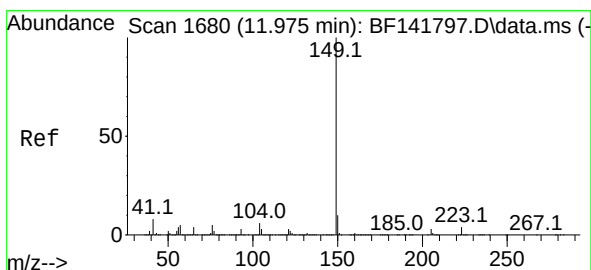
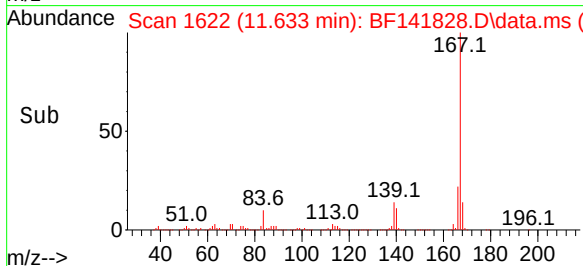
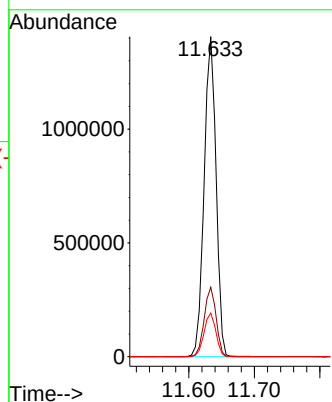
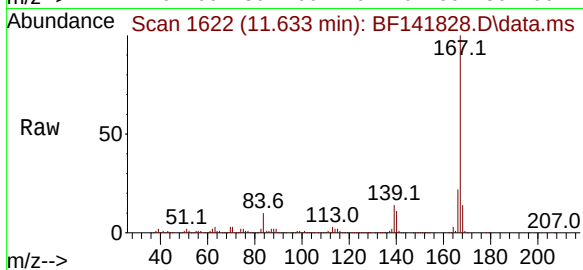
Tgt Ion:167 Resp: 1784440

Ion Ratio Lower Upper

167 100

166 21.7 17.5 26.3

139 13.6 11.3 16.9



#74

Di-n-butylphthalate

Concen: 40.536 ng

RT: 11.963 min Scan# 1678

Delta R.T. -0.012 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

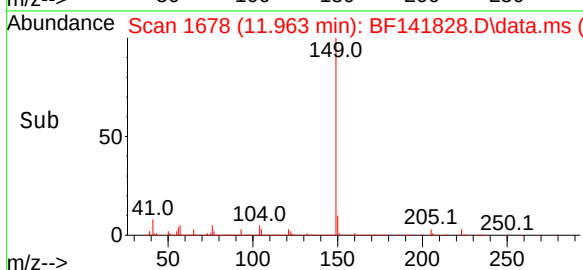
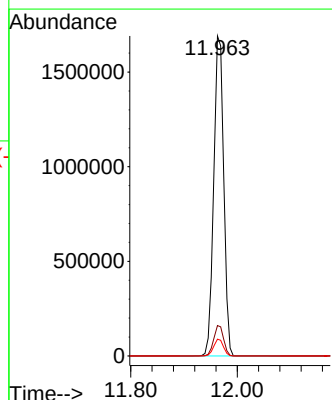
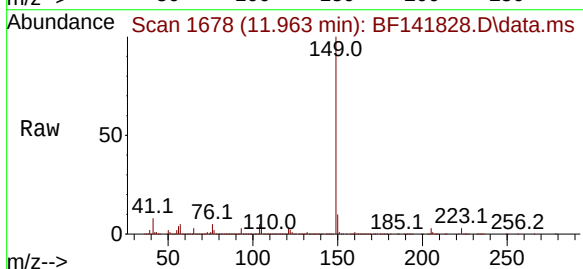
Tgt Ion:149 Resp: 2201206

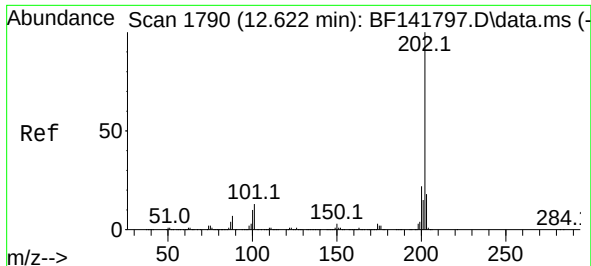
Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

104 5.3 4.4 6.6

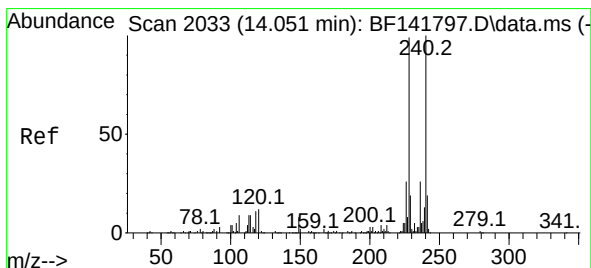
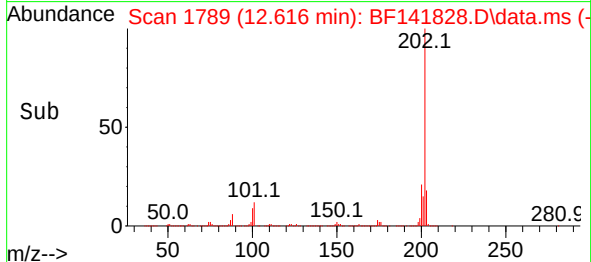
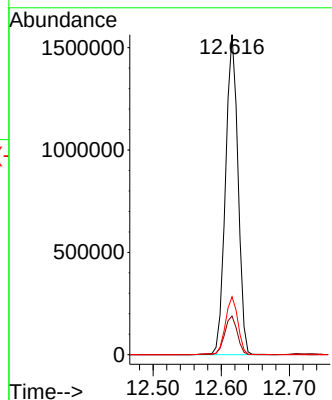
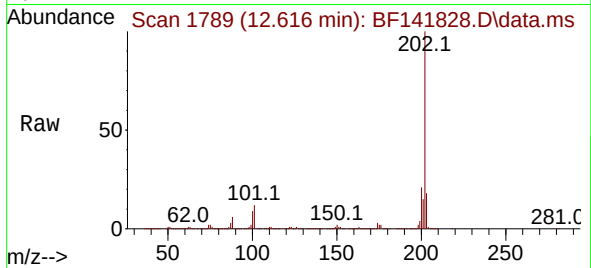




#75
Fluoranthene
Concen: 40.125 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

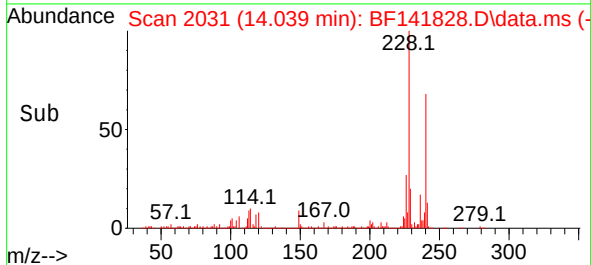
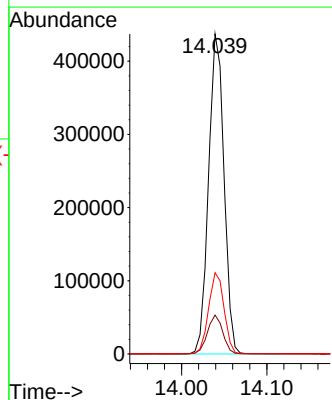
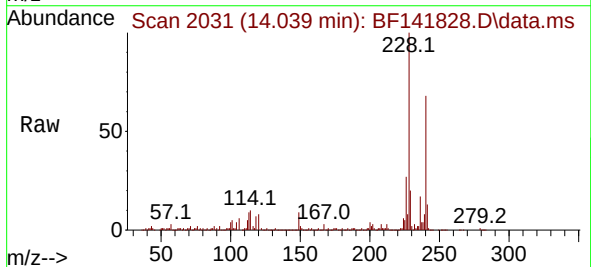
Instrument :
BNA_F
ClientSampleId :
TP-4MS

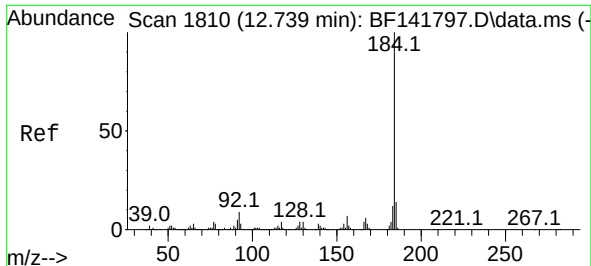
Tgt Ion:202 Resp: 1990131
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.8
203 18.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

Tgt Ion:240 Resp: 549629
Ion Ratio Lower Upper
240 100
120 12.2 9.7 14.5
236 25.4 21.0 31.4





#77

Benzidine

Concen: 102.728 ng

RT: 12.733 min Scan# 1809

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-4MS

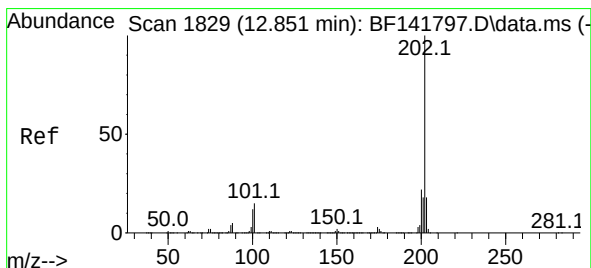
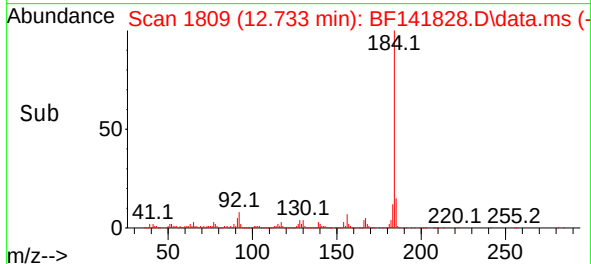
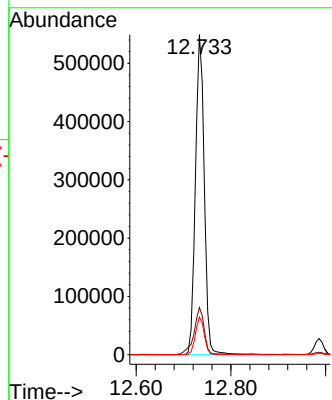
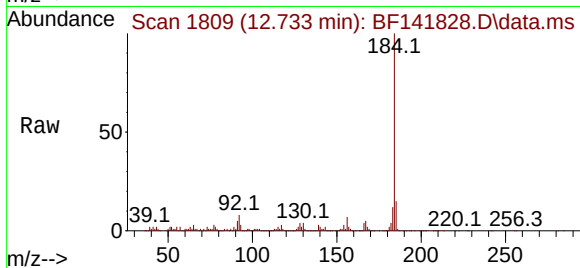
Tgt Ion:184 Resp: 710660

Ion Ratio Lower Upper

184 100

185 14.7 11.6 17.4

183 11.8 9.4 14.0



#78

Pyrene

Concen: 41.930 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

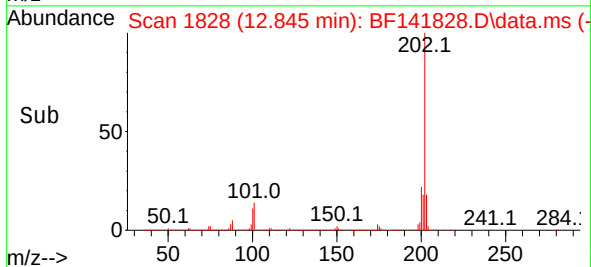
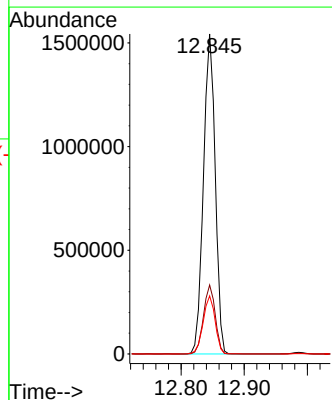
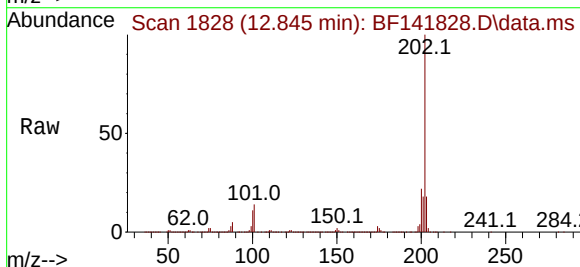
Tgt Ion:202 Resp: 1995623

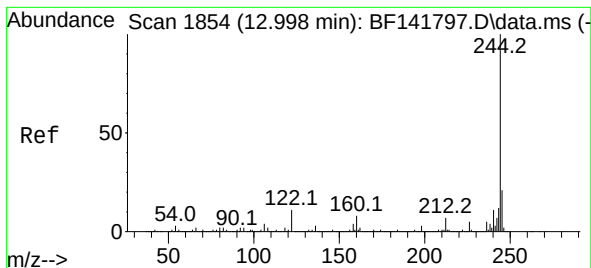
Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.0

203 18.2 14.6 22.0





#79

Terphenyl-d14

Concen: 71.140 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.012 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-4MS

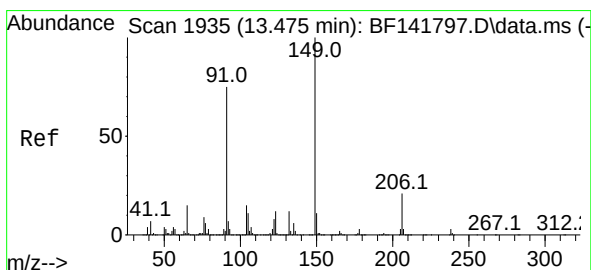
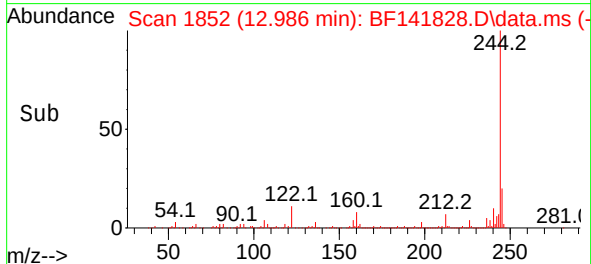
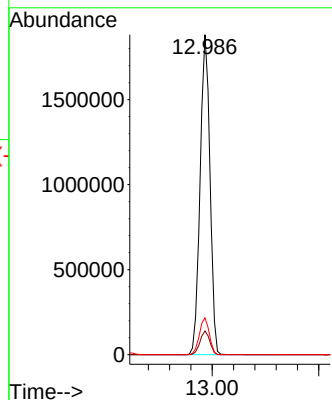
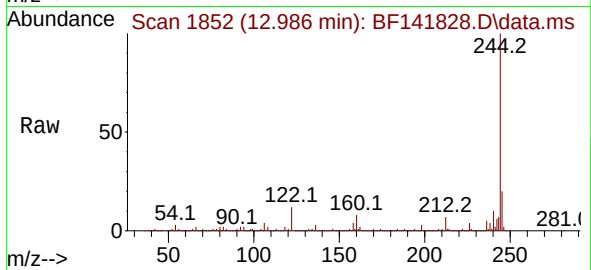
Tgt Ion:244 Resp: 2416712

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 11.5 9.0 13.6



#80

Butylbenzylphthalate

Concen: 44.704 ng

RT: 13.463 min Scan# 1933

Delta R.T. -0.012 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

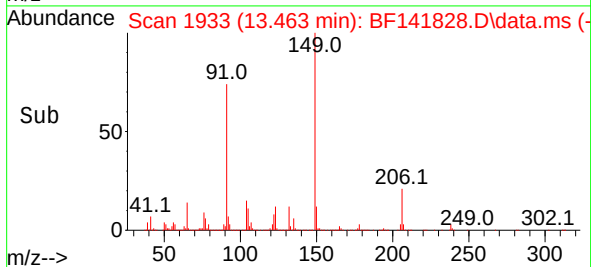
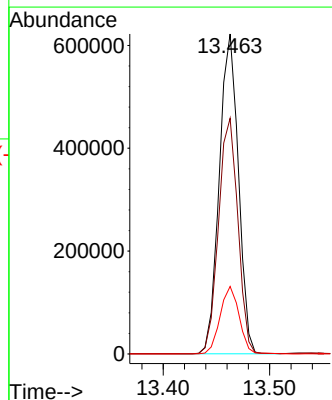
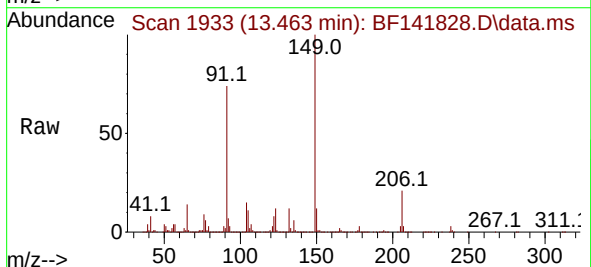
Tgt Ion:149 Resp: 773034

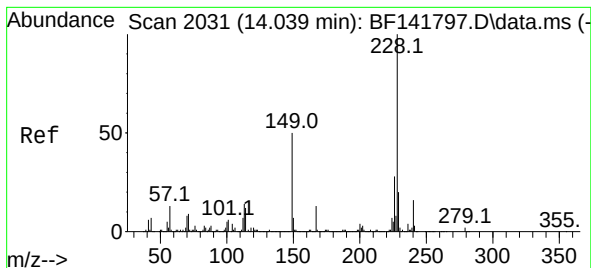
Ion Ratio Lower Upper

149 100

91 73.7 60.1 90.1

206 21.1 16.8 25.2





#81

Benzo(a)anthracene

Concen: 44.060 ng

RT: 14.027 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-4MS

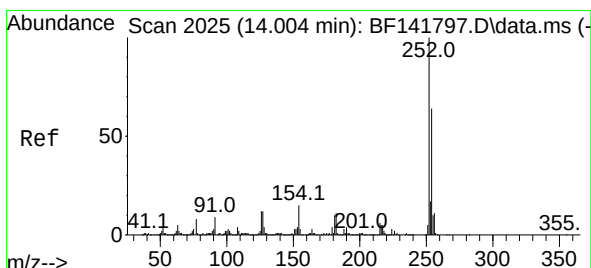
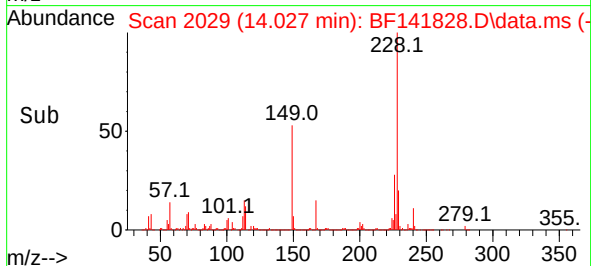
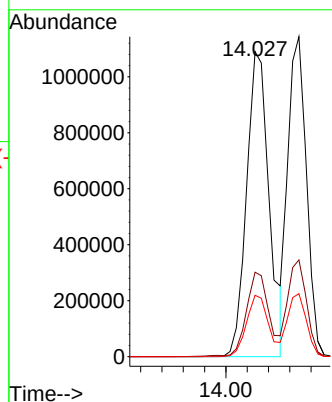
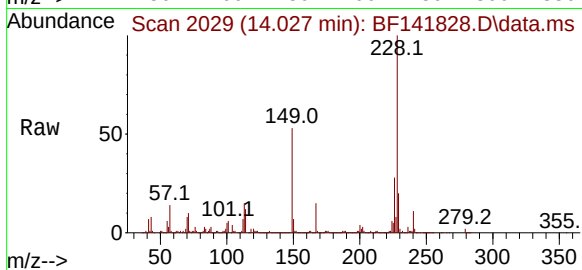
Tgt Ion:228 Resp: 1599557

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

229 20.1 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 30.262 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.012 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

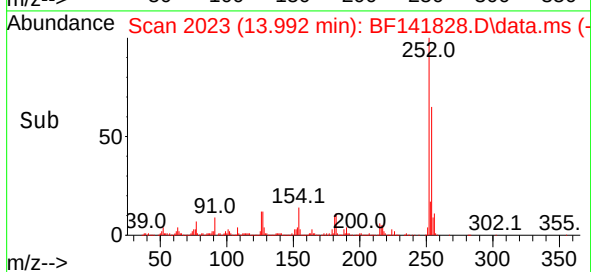
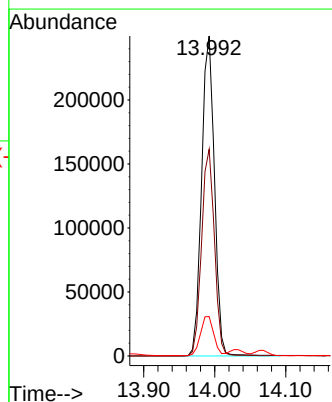
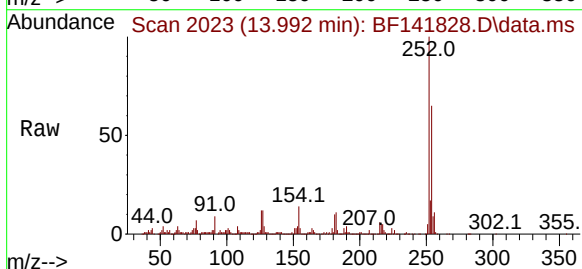
Tgt Ion:252 Resp: 315204

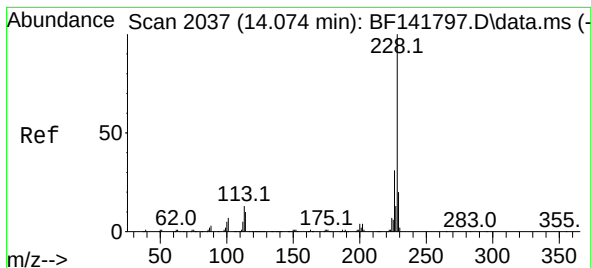
Ion Ratio Lower Upper

252 100

254 64.6 51.4 77.0

126 12.3 9.8 14.6





#83

Chrysene

Concen: 41.396 ng

RT: 14.069 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-4MS

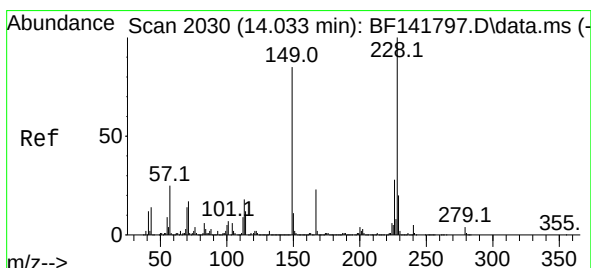
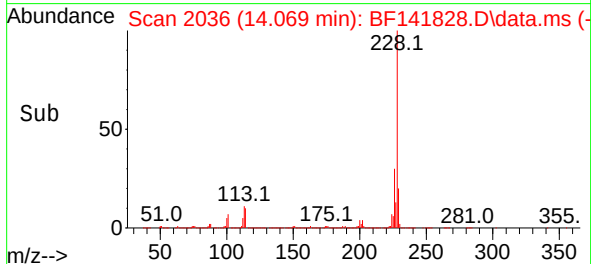
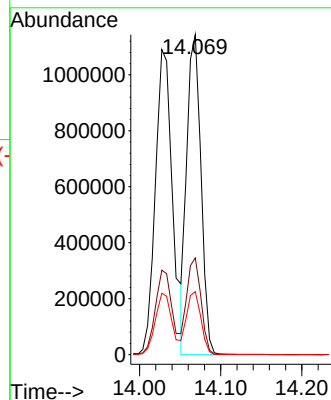
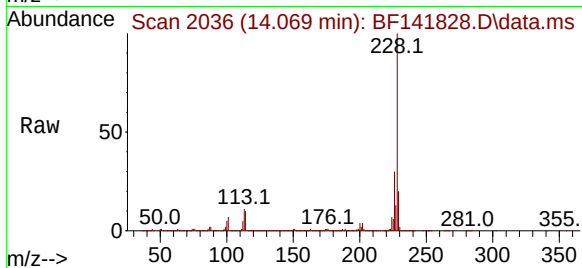
Tgt Ion:228 Resp: 1385334

Ion Ratio Lower Upper

228 100

226 30.2 24.6 37.0

229 19.7 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.954 ng

RT: 14.022 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

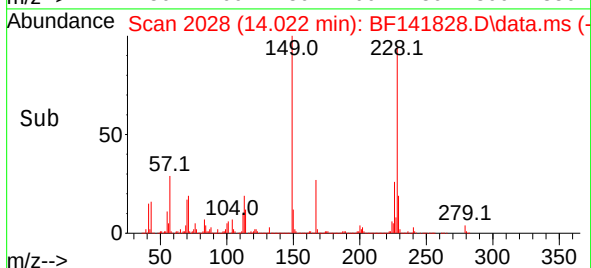
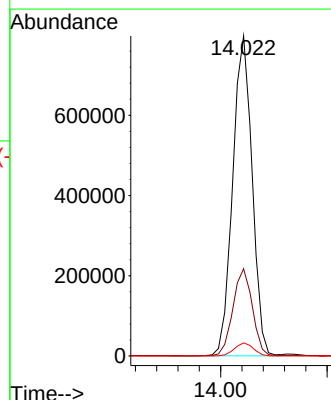
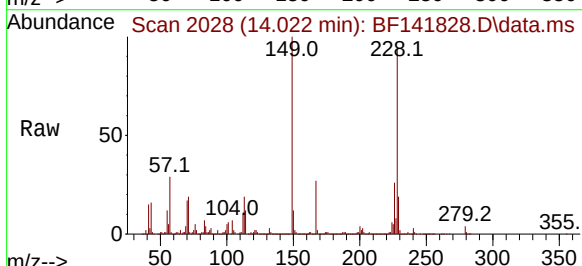
Tgt Ion:149 Resp: 1010991

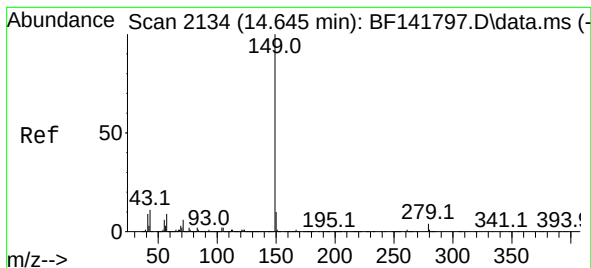
Ion Ratio Lower Upper

149 100

167 27.2 21.2 31.8

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 50.372 ng

RT: 14.633 min Scan# 2132

Delta R.T. -0.012 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-4MS

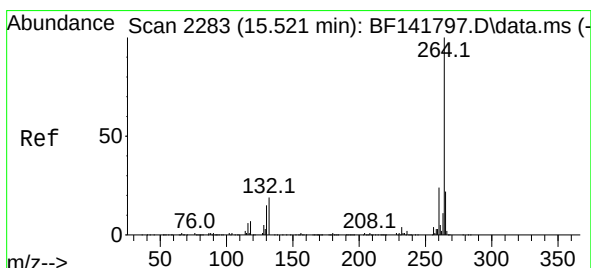
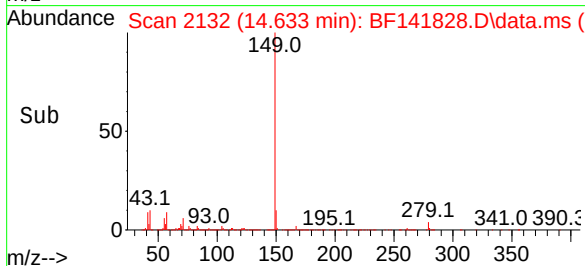
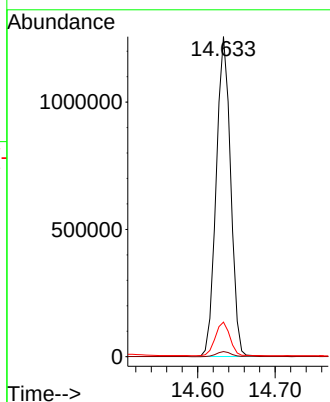
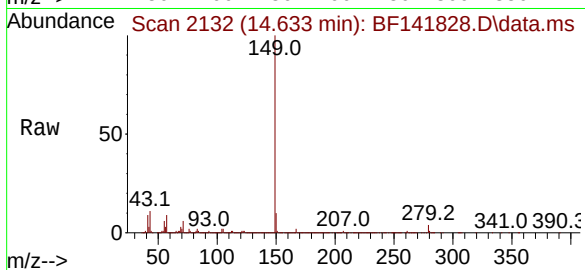
Tgt Ion:149 Resp: 1623744

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.6 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. -0.012 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

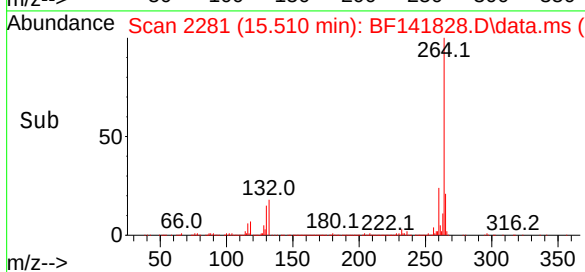
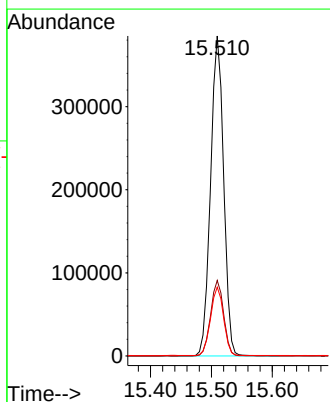
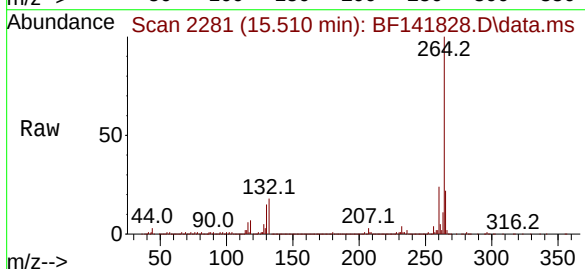
Tgt Ion:264 Resp: 574685

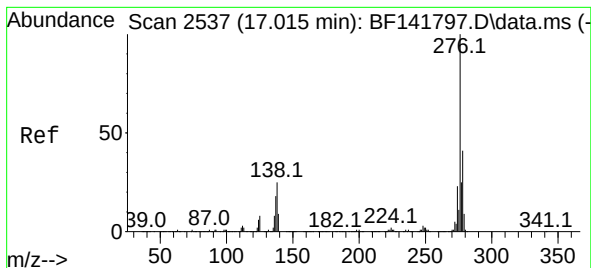
Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.741 ng

RT: 16.998 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-4MS

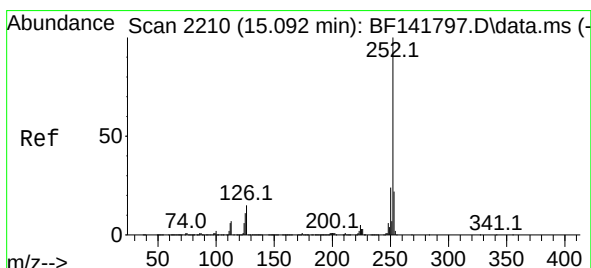
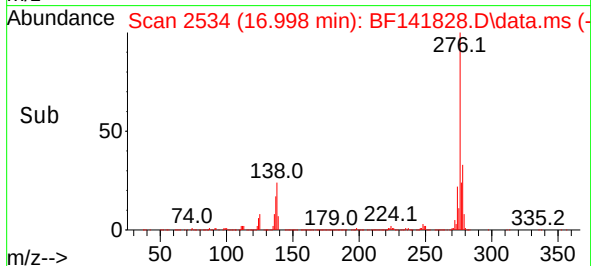
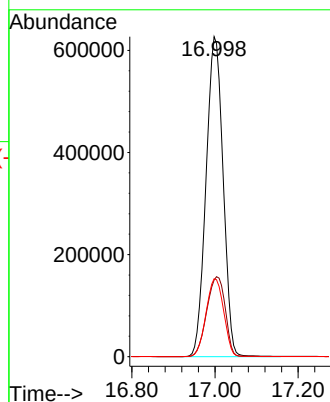
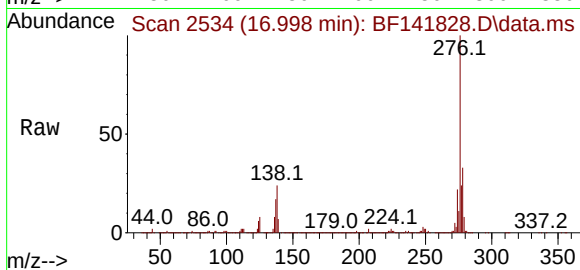
Tgt Ion:276 Resp: 1783630

Ion Ratio Lower Upper

276 100

138 27.0 22.5 33.7

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 37.488 ng

RT: 15.080 min Scan# 2208

Delta R.T. -0.012 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

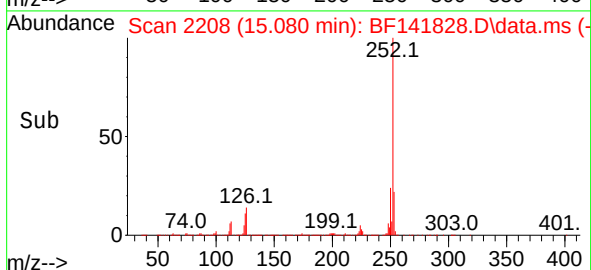
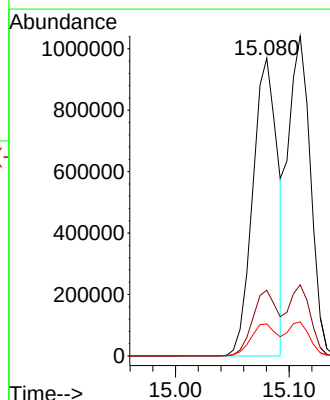
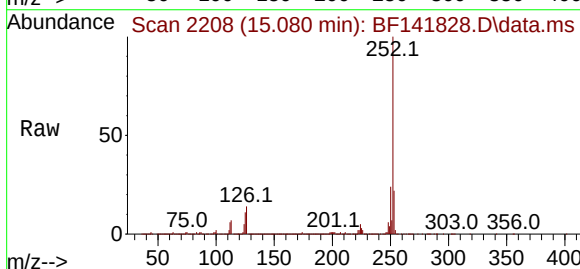
Tgt Ion:252 Resp: 1467507

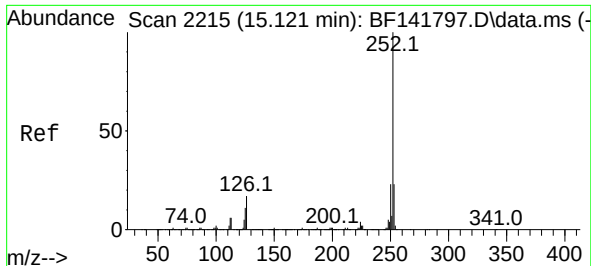
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.8 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 42.104 ng

RT: 15.110 min Scan# 2215

Delta R.T. -0.012 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-4MS

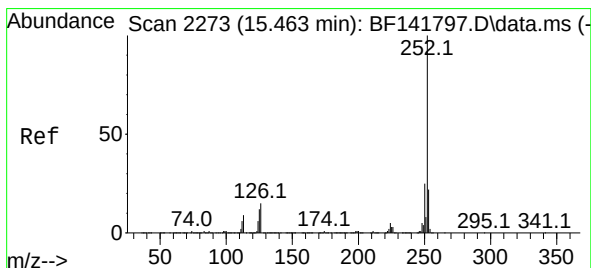
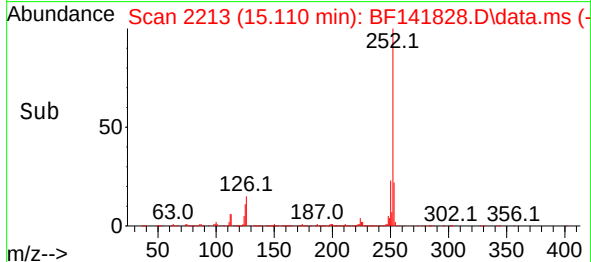
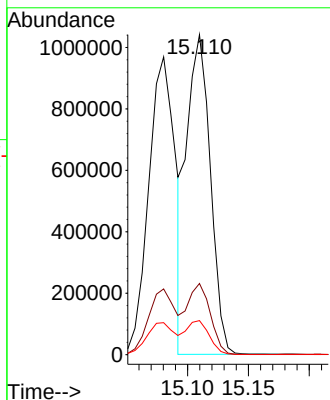
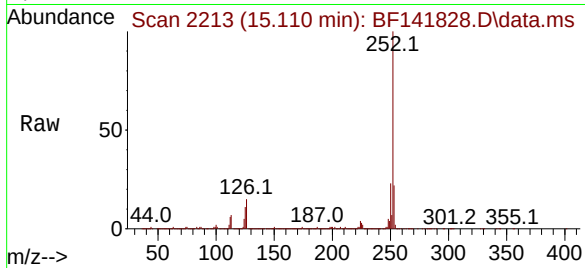
Tgt Ion:252 Resp: 1400890

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 10.7 8.8 13.2



#90

Benzo(a)pyrene

Concen: 44.476 ng

RT: 15.451 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

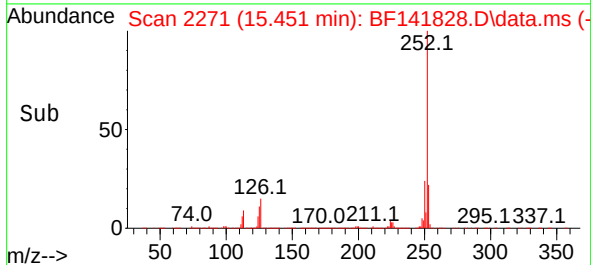
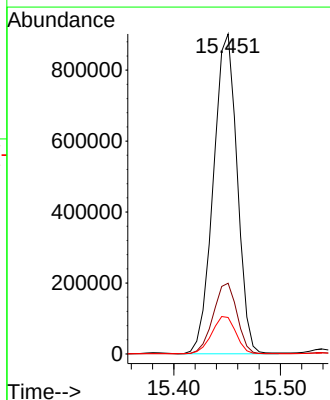
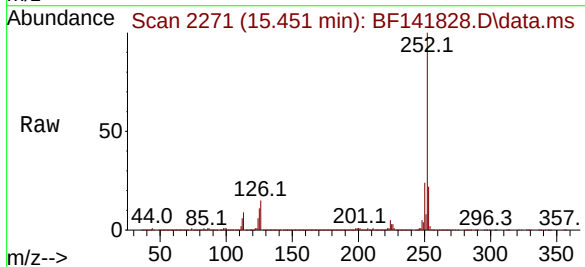
Tgt Ion:252 Resp: 1396307

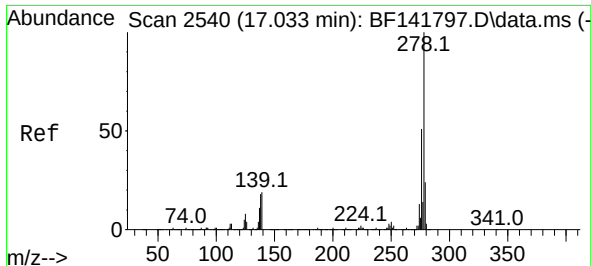
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 11.4 9.4 14.2

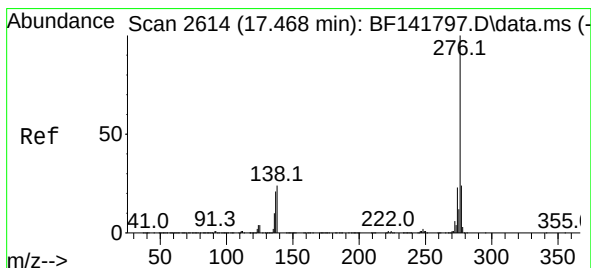
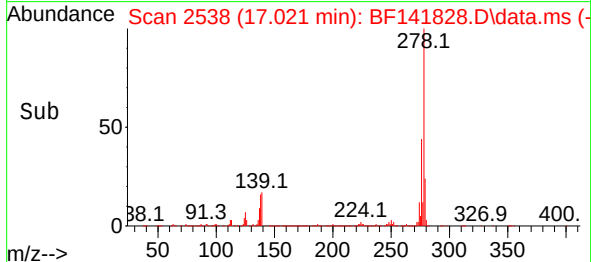
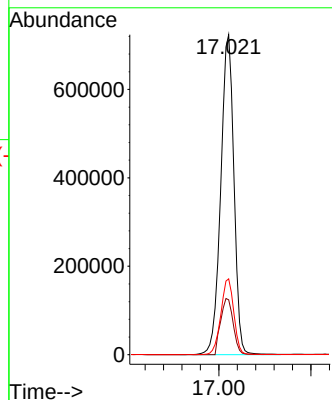
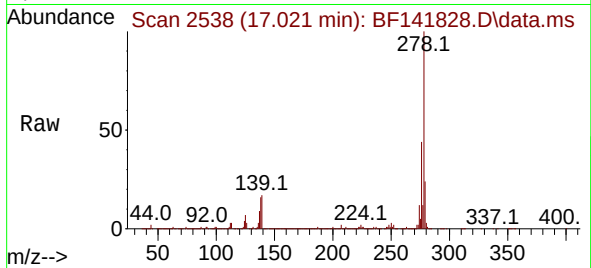




#91
Dibenzo(a,h)anthracene
Concen: 47.964 ng
RT: 17.021 min Scan# 2538
Delta R.T. -0.012 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion:278 Resp: 1432699
Ion Ratio Lower Upper
278 100
139 17.2 14.9 22.3
279 23.7 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 45.571 ng
RT: 17.451 min Scan# 2611
Delta R.T. -0.018 min
Lab File: BF141828.D
Acq: 04 Mar 2025 15:48

Tgt Ion:276 Resp: 1394513
Ion Ratio Lower Upper
276 100
277 23.8 19.4 29.0
138 23.6 19.3 28.9

