

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
 Data File : BF141085.D
 Acq On : 08 Jan 2025 15:52
 Operator : RC/JU
 Sample : Q1023-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HT2651MSD

Quant Time: Jan 08 16:13:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	197081	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	775659	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	401315	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	669996	20.000	ng	0.00
76) Chrysene-d12	13.992	240	386475	20.000	ng	0.00
86) Perylene-d12	15.451	264	454821	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1838317	140.604	ng	0.04
7) Phenol-d6	6.463	99	2132422	126.608	ng	0.01
23) Nitrobenzene-d5	7.393	82	1471548	121.376	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	699379	179.346	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	2543018	100.959	ng	0.00
79) Terphenyl-d14	12.933	244	2301251	98.903	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.758	88	271900	45.935	ng	# 83
3) Pyridine	3.463	79	585372	40.466	ng	97
4) n-Nitrosodimethylamine	3.393	42	364505	49.732	ng	99
6) Aniline	6.569	93	694588	46.240	ng	# 53
8) 2-Chlorophenol	6.616	128	746159	54.130	ng	96
9) Benzaldehyde	6.381	77	126621	8.955	ng	97
10) Phenol	6.475	94	820376	47.106	ng	98
11) bis(2-Chloroethyl)ether	6.569	93	694588	49.394	ng	97
12) 1,3-Dichlorobenzene	6.775	146	758309	49.847	ng	99
13) 1,4-Dichlorobenzene	6.851	146	776510	50.634	ng	99
14) 1,2-Dichlorobenzene	6.998	146	747428	52.273	ng	99
15) Benzyl Alcohol	6.975	79	665799	55.010	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1046409	49.205	ng	94
17) 2-Methylphenol	7.087	107	606878	52.994	ng	98
18) Hexachloroethane	7.345	117	286565	52.602	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	539521	52.287	ng	99
20) 3+4-Methylphenols	7.234	107	725616	50.070	ng	# 86
22) Acetophenone	7.240	105	973326	51.152	ng	95
24) Nitrobenzene	7.416	77	791736	58.443	ng	95
25) Isophorone	7.657	82	1412897	53.555	ng	99
26) 2-Nitrophenol	7.728	139	402579	69.806	ng	97
27) 2,4-Dimethylphenol	7.763	122	604024	62.646	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	864051	51.692	ng	99
29) 2,4-Dichlorophenol	7.969	162	614993	56.239	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	638661	51.600	ng	100
31) Naphthalene	8.134	128	2120333	51.877	ng	99
32) Benzoic acid	7.893	122	507536	61.406	ng	98
33) 4-Chloroaniline	8.204	127	47990m	3.246	ng	
34) Hexachlorobutadiene	8.251	225	385031	52.768	ng	100
35) Caprolactam	8.581	113	189853m	51.070	ng	
36) 4-Chloro-3-methylphenol	8.657	107	657470	54.138	ng	99
37) 2-Methylnaphthalene	8.822	142	1372110	52.476	ng	99
38) 1-Methylnaphthalene	8.922	142	1289646	50.186	ng	100
40) 1,2,4,5-Tetrachloroben...	8.987	216	614462	55.654	ng	99
41) Hexachlorocyclopentadiene	8.975	237	742420	202.916	ng	100
43) 2,4,6-Trichlorophenol	9.098	196	429258	58.417	ng	99

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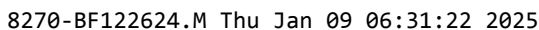
Instrument :
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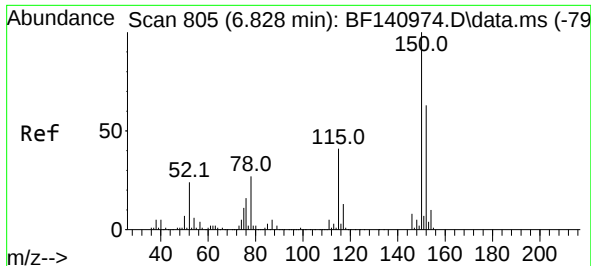
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	459184	61.073	ng	99
46) 1,1'-Biphenyl	9.287	154	1672133	54.416	ng	99
47) 2-Chloronaphthalene	9.310	162	1272771	53.406	ng	99
48) 2-Nitroaniline	9.404	65	382707	60.089	ng	95
49) Acenaphthylene	9.728	152	1960792	57.154	ng	100
50) Dimethylphthalate	9.592	163	1495575	56.657	ng	100
51) 2,6-Dinitrotoluene	9.651	165	345229	62.901	ng	93
52) Acenaphthene	9.898	154	1480523	63.834	ng	100
53) 3-Nitroaniline	9.816	138	84657	16.742	ng	# 91
54) 2,4-Dinitrophenol	9.922	184	411912	141.737	ng	# 1
55) Dibenzofuran	10.069	168	1788888	54.883	ng	99
56) 4-Nitrophenol	9.981	139	525262	116.326	ng	97
57) 2,4-Dinitrotoluene	10.051	165	457592	67.451	ng	95
58) Fluorene	10.416	166	1319705	52.212	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	394843	63.410	ng	97
60) Diethylphthalate	10.292	149	1445115	55.453	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	650579	53.492	ng	99
62) 4-Nitroaniline	10.422	138	103362	19.787	ng	91
63) Azobenzene	10.563	77	1419974	51.912	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	259036	87.437	ng	93
66) n-Nitrosodiphenylamine	10.528	169	1193490	56.569	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	444099	61.316	ng	95
68) Hexachlorobenzene	10.957	284	482921	60.469	ng	98
69) Atrazine	11.063	200	357285	60.617	ng	99
70) Pentachlorophenol	11.157	266	614249	123.534	ng	99
71) Phenanthrene	11.375	178	2021254	57.320	ng	100
72) Anthracene	11.428	178	1997770	57.818	ng	100
73) Carbazole	11.581	167	1590415	47.881	ng	100
74) Di-n-butylphthalate	11.916	149	2060941	54.551	ng	100
75) Fluoranthene	12.563	202	1903165	49.763	ng	98
78) Pyrene	12.792	202	1872012	55.385	ng	100
80) Butylbenzylphthalate	13.416	149	692806	56.133	ng	98
81) Benzo(a)anthracene	13.980	228	1388476	51.549	ng	99
83) Chrysene	14.016	228	1357759	55.918	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	842856	52.647	ng	100
85) Di-n-octyl phthalate	14.592	149	1529115	65.991	ng	97
87) Indeno(1,2,3-cd)pyrene	16.915	276	1835840	64.068	ng	97
88) Benzo(b)fluoranthene	15.033	252	1592155	50.192	ng	98
89) Benzo(k)fluoranthene	15.057	252	1353674	54.448	ng	99
90) Benzo(a)pyrene	15.392	252	1421880	57.750	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	1483311	63.859	ng	99
92) Benzo(g,h,i)perylene	17.357	276	1340118	55.626	ng	98

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

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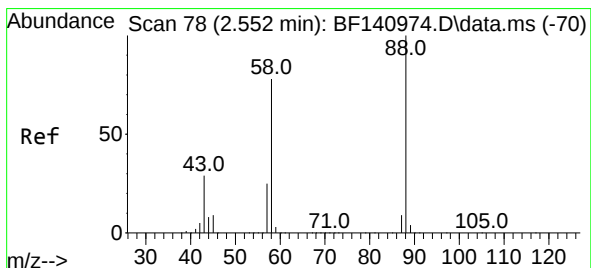
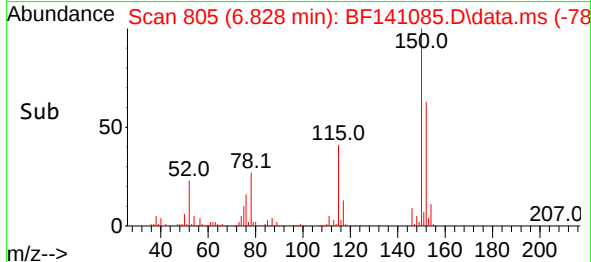
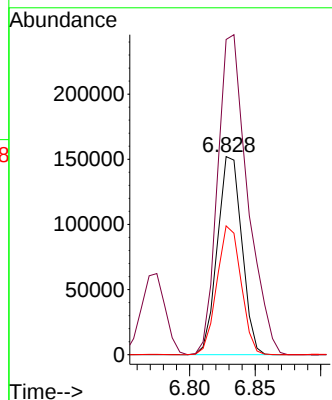
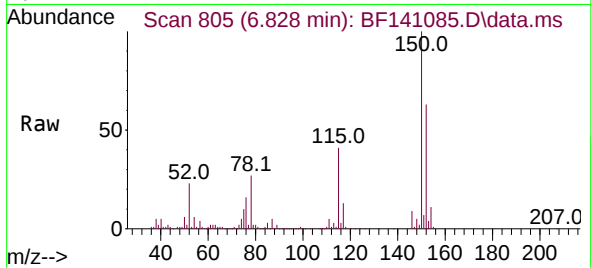




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

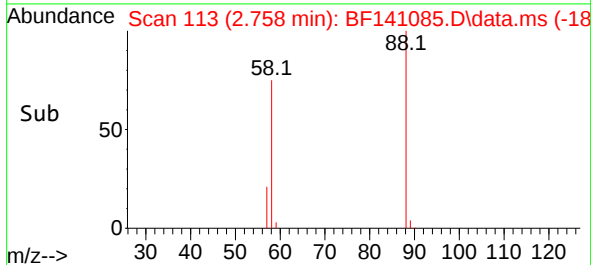
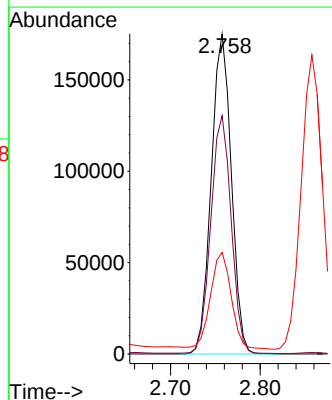
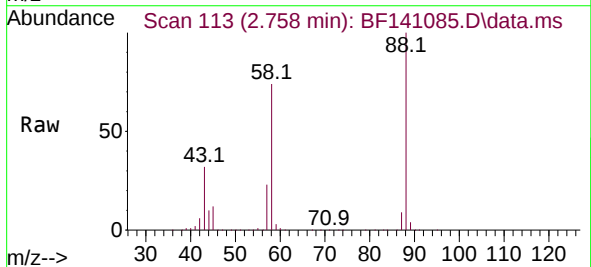
Instrument :
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ClientSampleId :
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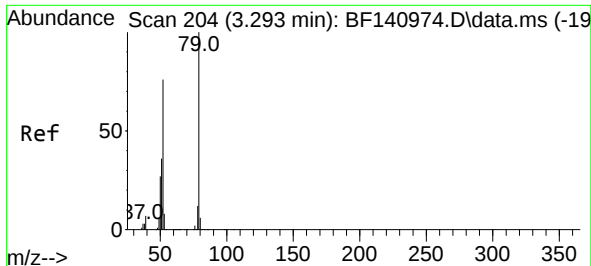
Tgt Ion:152 Resp: 197081
Ion Ratio Lower Upper
152 100
150 159.2 127.0 190.6
115 65.0 51.7 77.5



#2
1,4-Dioxane
Concen: 45.935 ng
RT: 2.758 min Scan# 113
Delta R.T. 0.206 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion: 88 Resp: 271900
Ion Ratio Lower Upper
88 100
58 75.5 63.0 94.4
43 0.0 23.4 35.2#

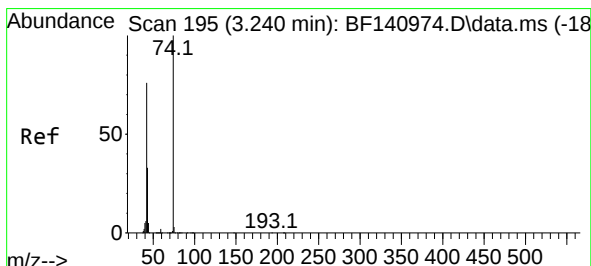
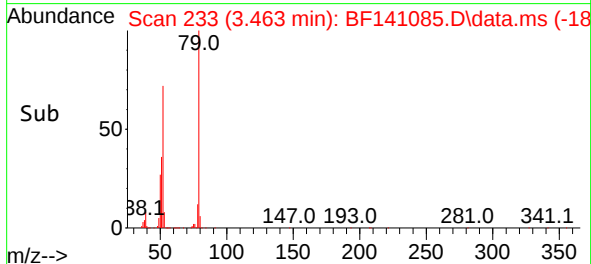
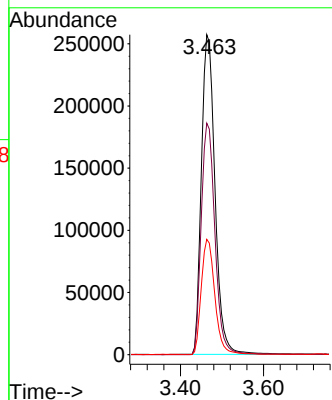
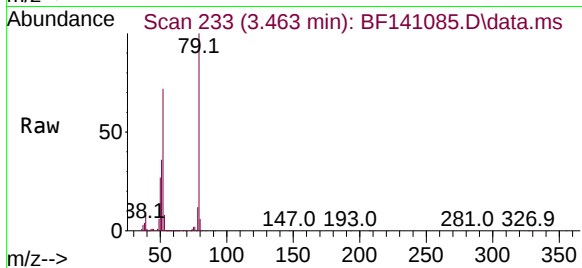




#3
Pyridine
Concen: 40.466 ng
RT: 3.463 min Scan# 21
Delta R.T. 0.171 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

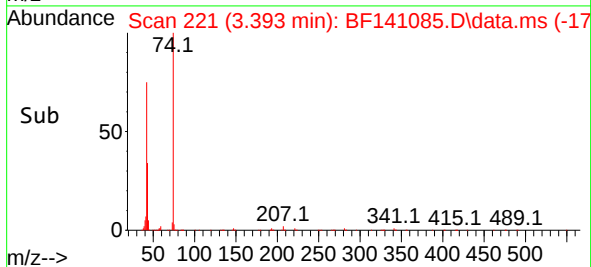
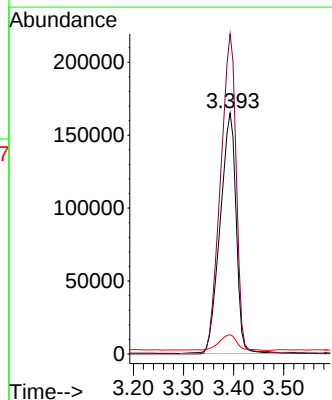
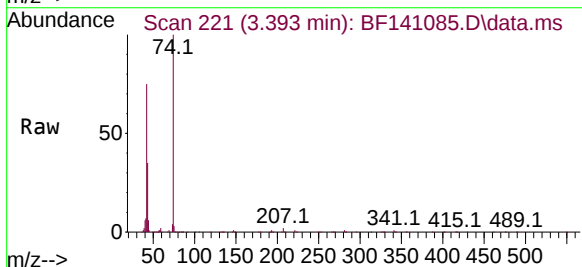
Instrument :
BNA_F
ClientSampleId :
HT2651MSD

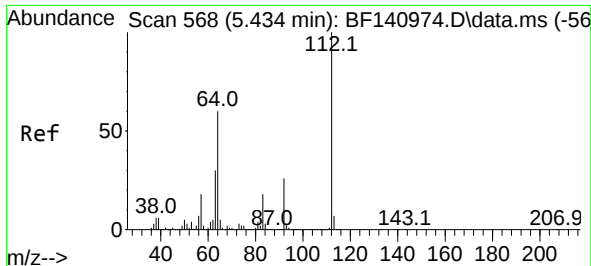
Tgt Ion: 79 Resp: 585372
Ion Ratio Lower Upper
79 100
52 72.3 60.4 90.6
51 36.1 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 49.732 ng
RT: 3.393 min Scan# 221
Delta R.T. 0.153 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion: 42 Resp: 364505
Ion Ratio Lower Upper
42 100
74 132.8 105.8 158.6
44 8.0 6.6 10.0

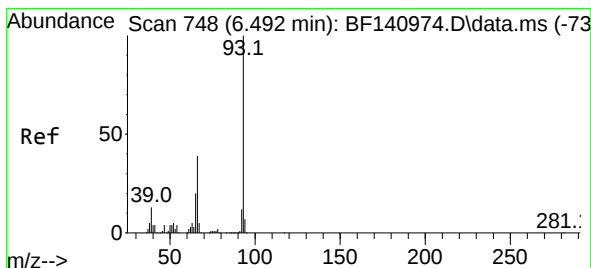
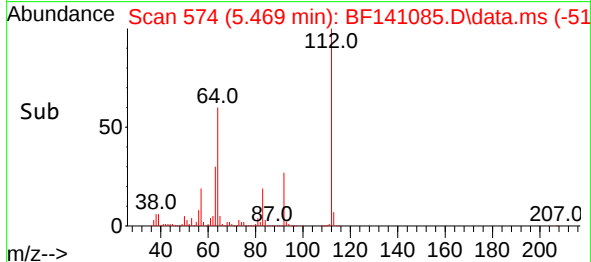
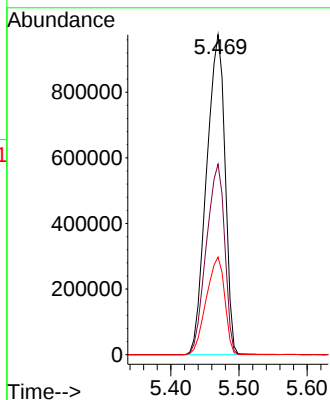
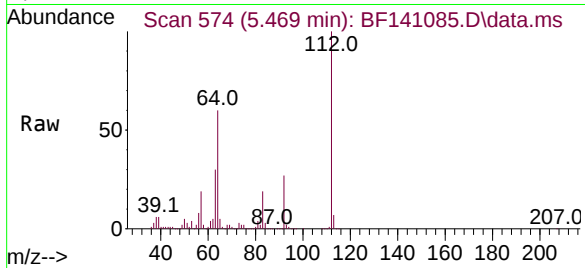




#5
2-Fluorophenol
Concen: 140.604 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.035 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

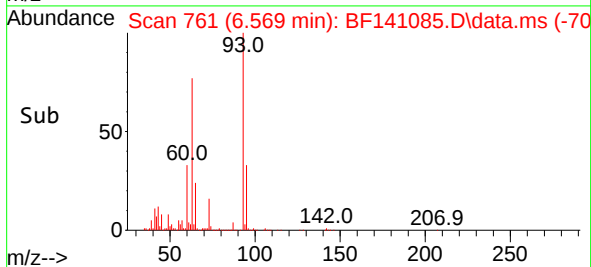
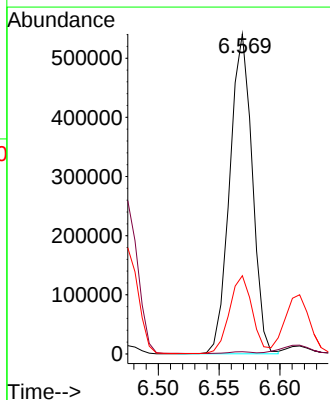
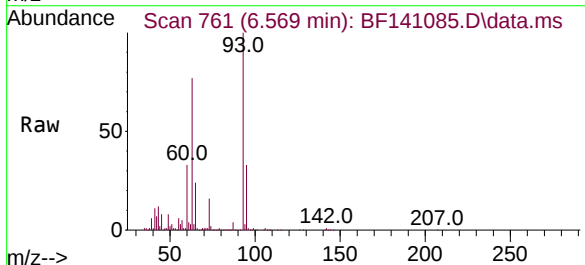
Instrument :
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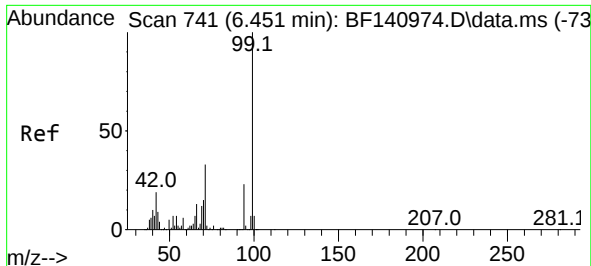
Tgt Ion:112 Resp: 1838317
Ion Ratio Lower Upper
112 100
64 59.5 47.7 71.5
63 30.5 24.2 36.2



#6
Aniline
Concen: 46.240 ng
RT: 6.569 min Scan# 761
Delta R.T. 0.059 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion: 93 Resp: 694588
Ion Ratio Lower Upper
93 100
66 0.7 31.8 47.8#
65 24.5 15.4 23.0#



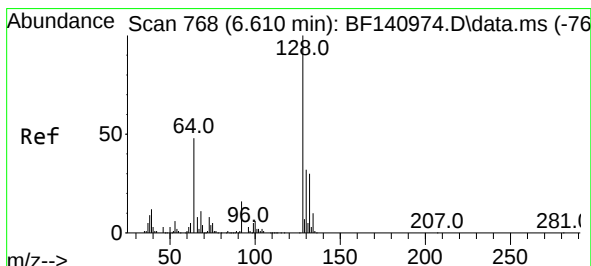
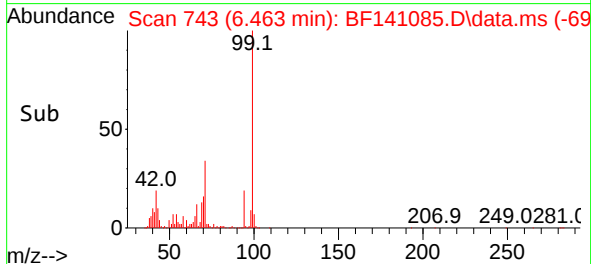
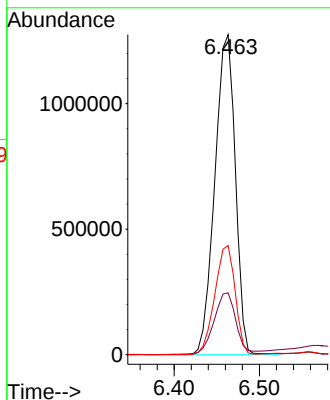
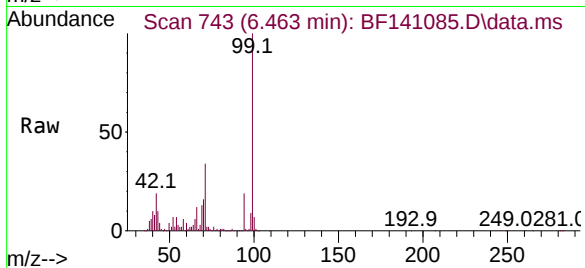


#7
Phenol-d6
Concen: 126.608 ng
RT: 6.463 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Instrument :
BNA_F
ClientSampleId :
HT2651MSD

Tgt Ion: 99 Resp: 2132422

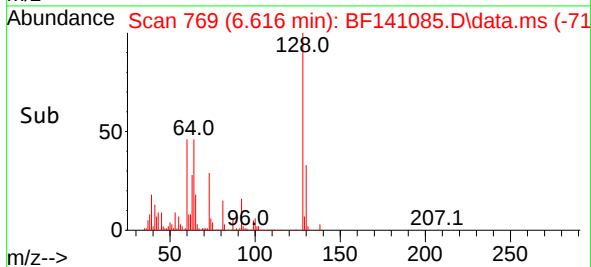
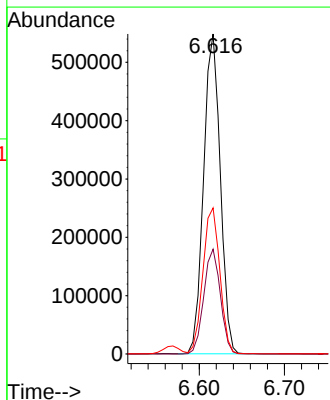
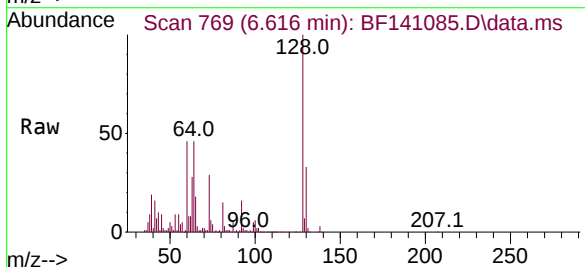
Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.0	22.4
71	34.1	26.2	39.2

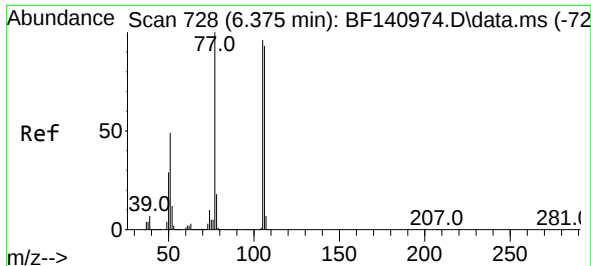


#8
2-Chlorophenol
Concen: 54.130 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.006 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion: 128 Resp: 746159

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.2	52.2
64	45.7	30.3	70.3





#9

Benzaldehyde

Concen: 8.955 ng

RT: 6.381 min Scan# 729

Delta R.T. 0.006 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

Instrument :

BNA_F

ClientSampleId :

HT2651MSD

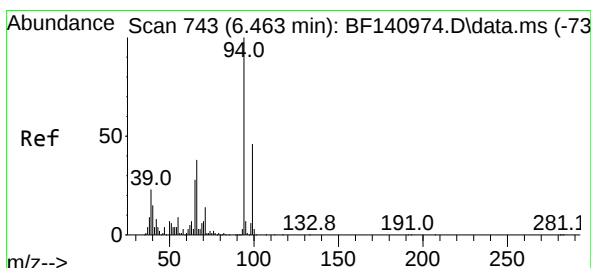
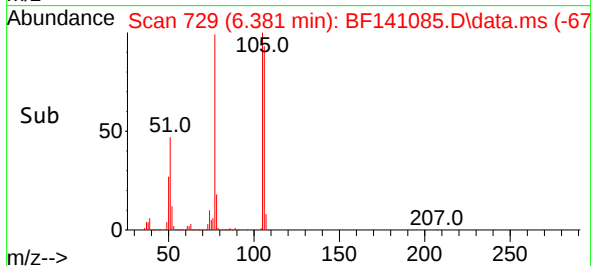
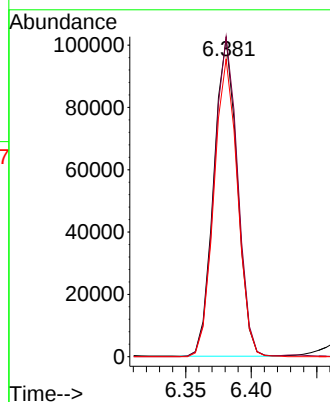
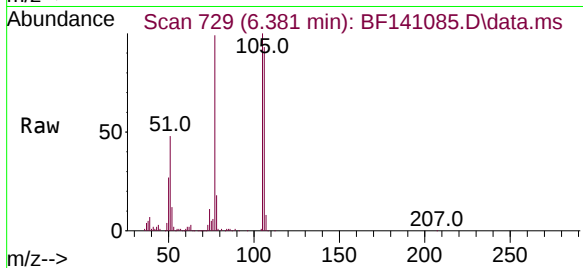
Tgt Ion: 77 Resp: 126621

Ion Ratio Lower Upper

77 100

105 100.8 76.2 116.2

106 93.7 73.4 113.4



#10

Phenol

Concen: 47.106 ng

RT: 6.475 min Scan# 745

Delta R.T. 0.012 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

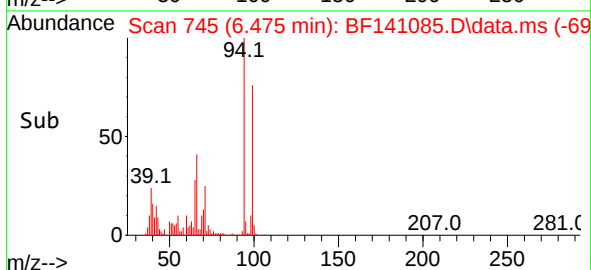
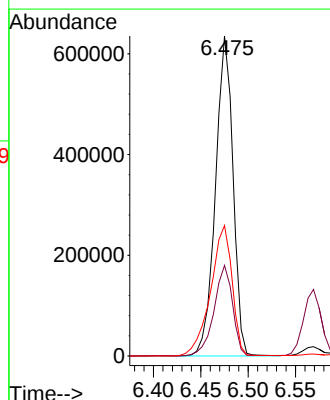
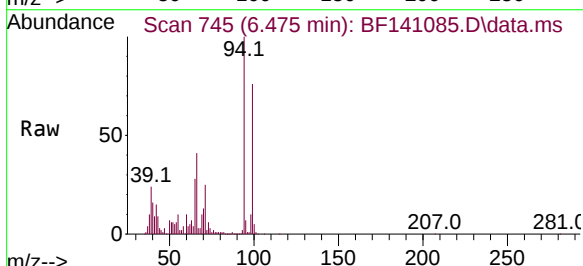
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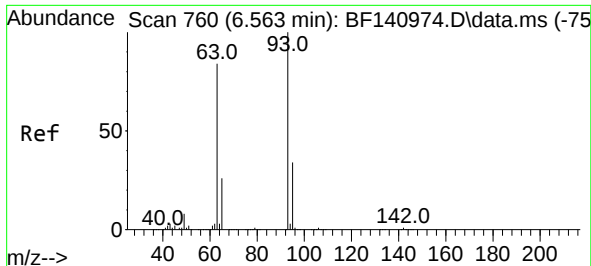
Ion Ratio Lower Upper

94 100

65 28.3 8.1 48.1

66 40.8 18.7 58.7

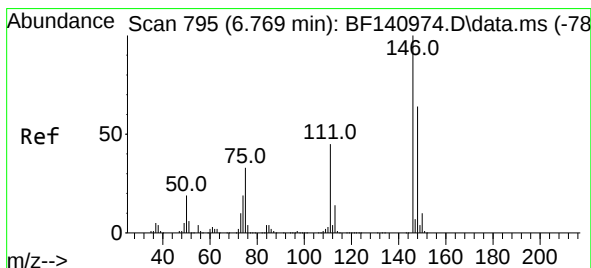
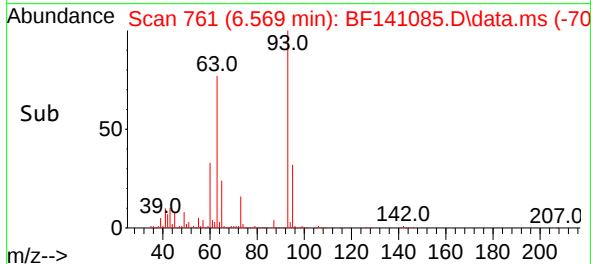
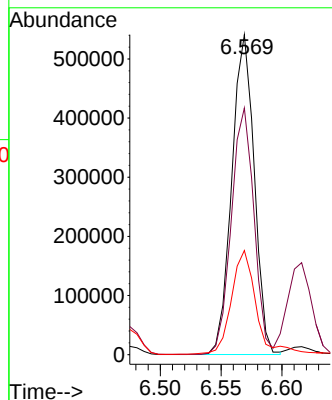
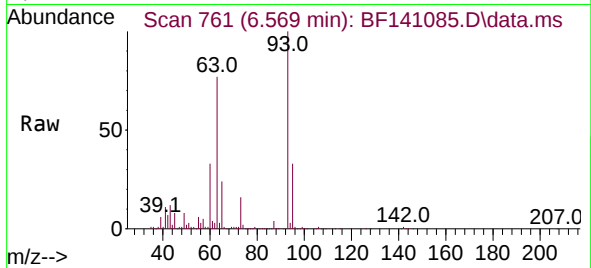




#11
bis(2-Chloroethyl)ether
Concen: 49.394 ng
RT: 6.569 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

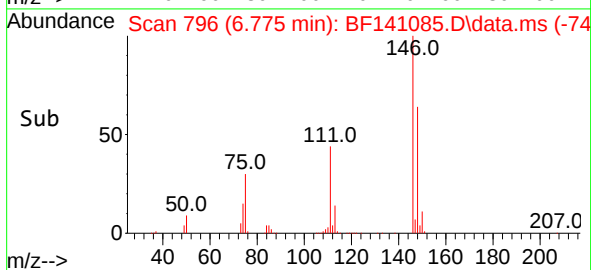
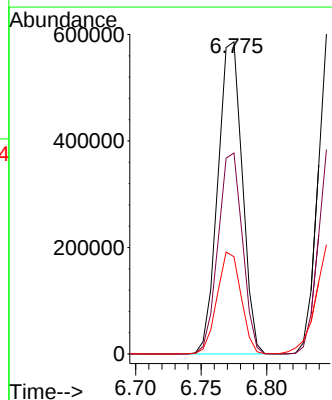
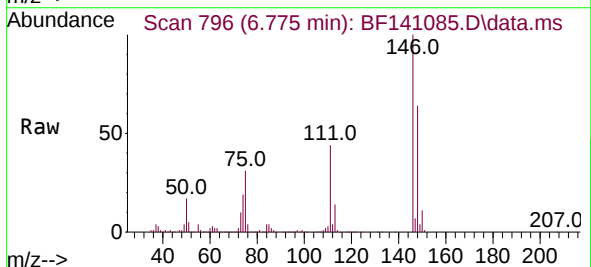
Instrument :
BNA_F
ClientSampleId :
HT2651MSD

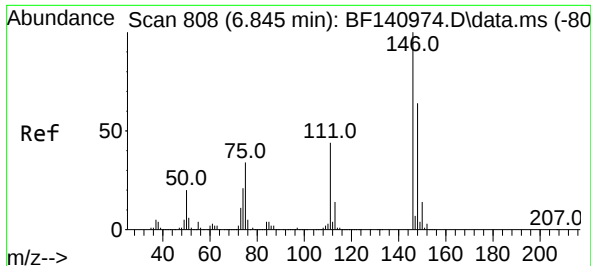
Tgt Ion: 93 Resp: 694588
Ion Ratio Lower Upper
93 100
63 77.1 60.3 100.3
95 32.5 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 49.847 ng
RT: 6.775 min Scan# 796
Delta R.T. 0.006 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion:146 Resp: 758309
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
75 31.2 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 50.634 ng

RT: 6.851 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

Instrument :

BNA_F

ClientSampleId :

HT2651MSD

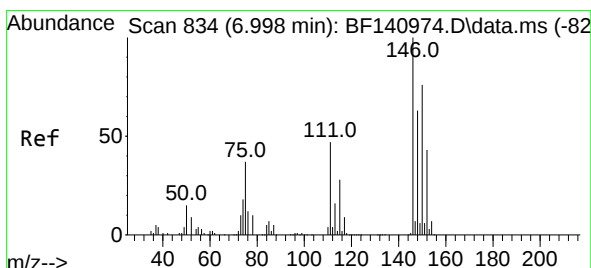
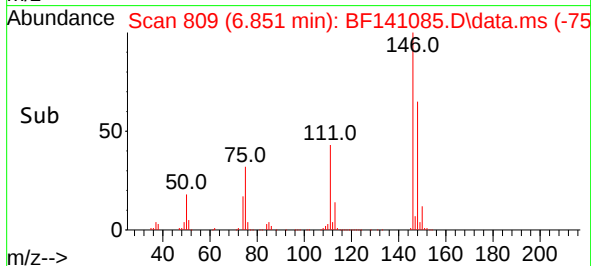
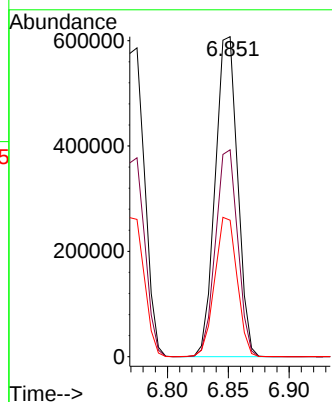
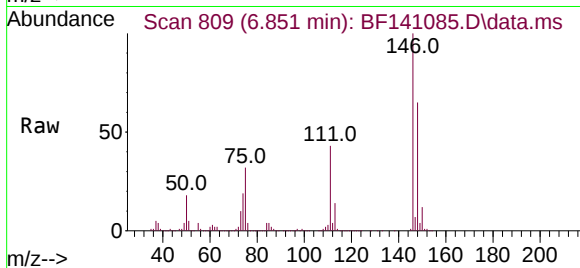
Tgt Ion:146 Resp: 776510

Ion Ratio Lower Upper

146 100

148 64.6 51.3 76.9

111 42.6 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 52.273 ng

RT: 6.998 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

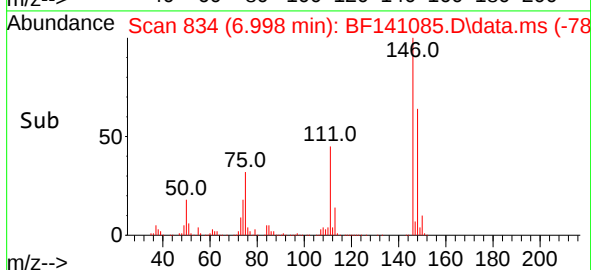
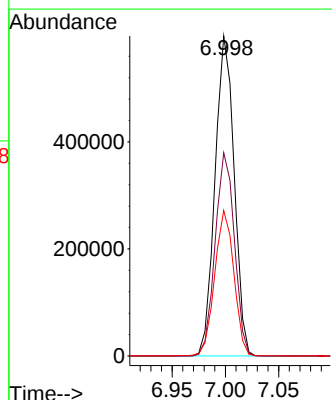
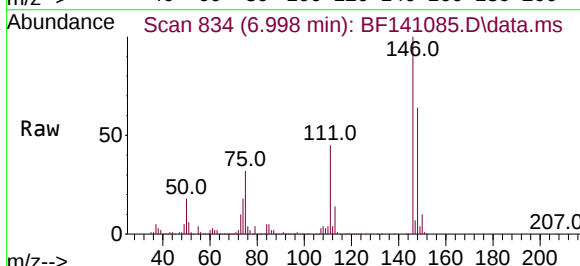
Tgt Ion:146 Resp: 747428

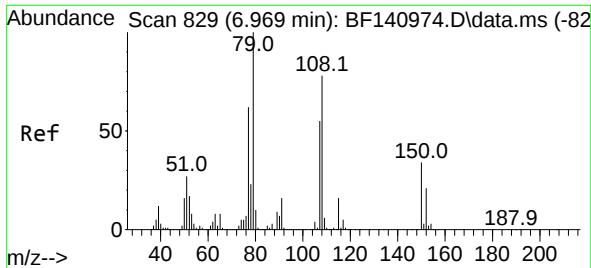
Ion Ratio Lower Upper

146 100

148 63.5 50.6 76.0

111 45.4 37.3 55.9

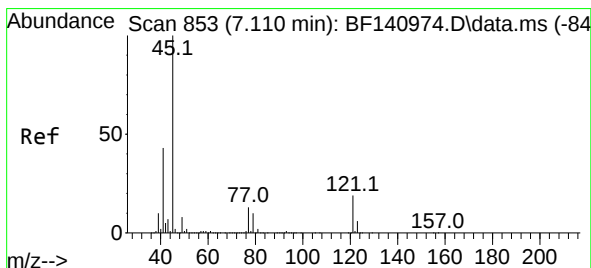
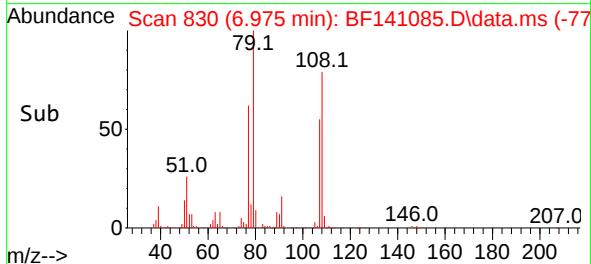
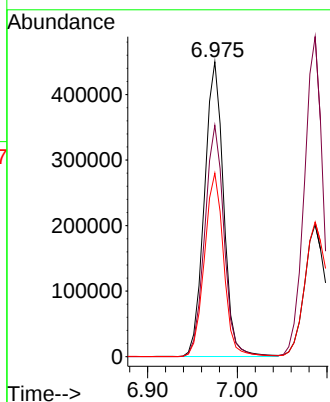
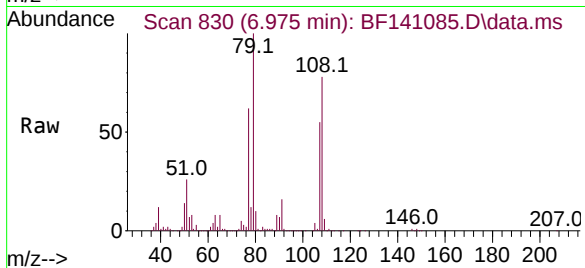




#15
Benzyl Alcohol
Concen: 55.010 ng
RT: 6.975 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

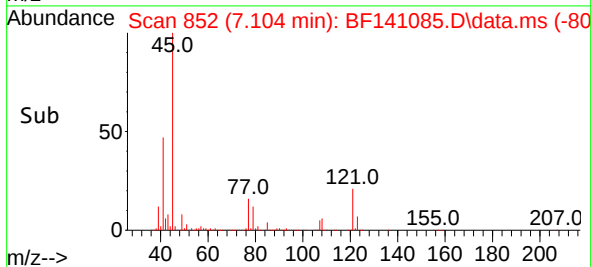
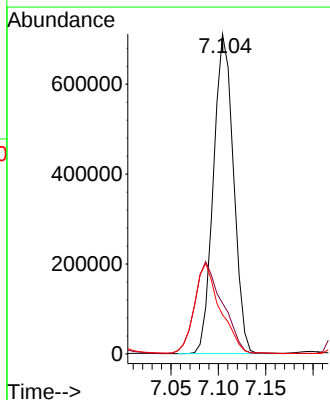
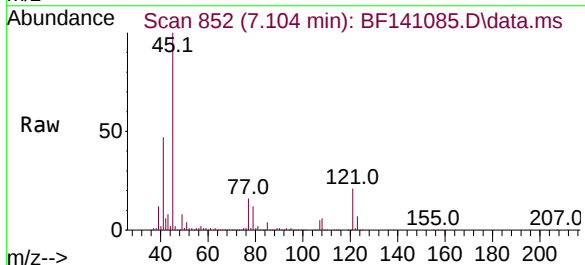
Instrument :
BNA_F
ClientSampleId :
HT2651MSD

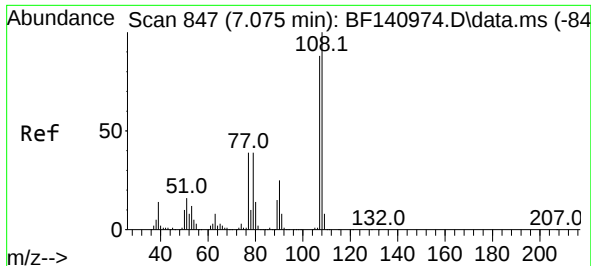
Tgt Ion: 79 Resp: 665799
Ion Ratio Lower Upper
79 100
108 78.4 62.5 93.7
77 62.2 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.205 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion: 45 Resp: 1046409
Ion Ratio Lower Upper
45 100
77 15.8 0.0 33.1
79 12.3 0.0 30.1



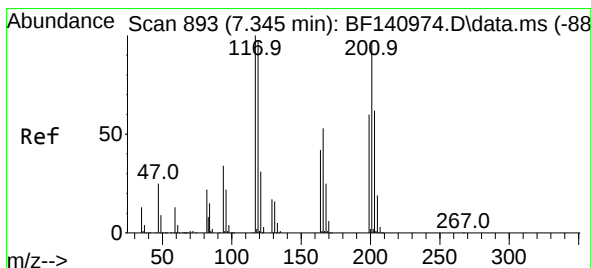
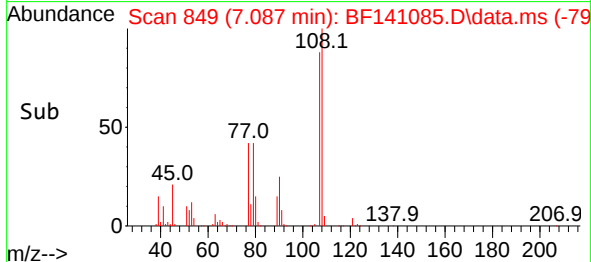
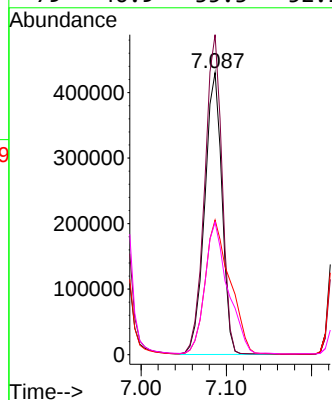
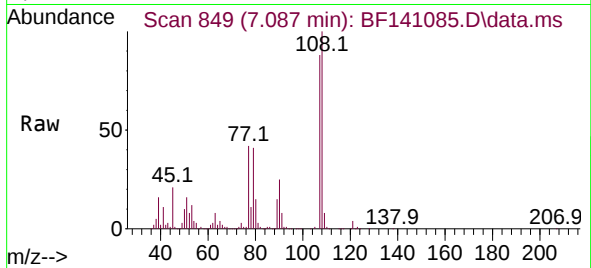


#17
2-Methylphenol
Concen: 52.994 ng
RT: 7.087 min Scan# 847
Delta R.T. 0.012 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Instrument :
BNA_F
ClientSampleId :
HT2651MSD

Tgt Ion:107 Resp: 606878

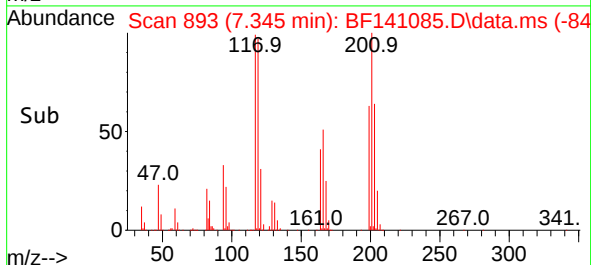
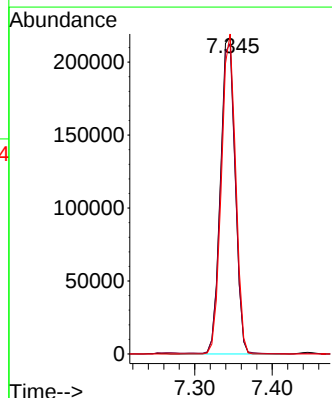
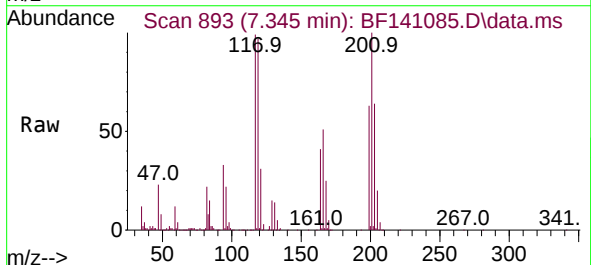
Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.6	136.0
77	47.7	35.3	52.9
79	46.9	35.3	52.9

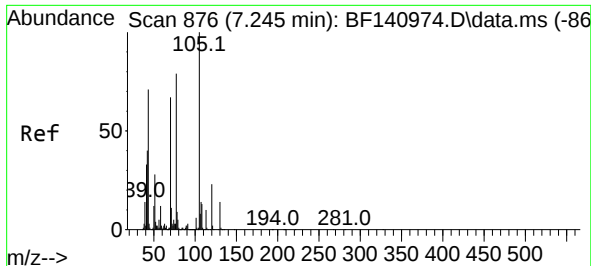


#18
Hexachloroethane
Concen: 52.602 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion:117 Resp: 286565

Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.5	116.3
201	100.9	77.4	116.2

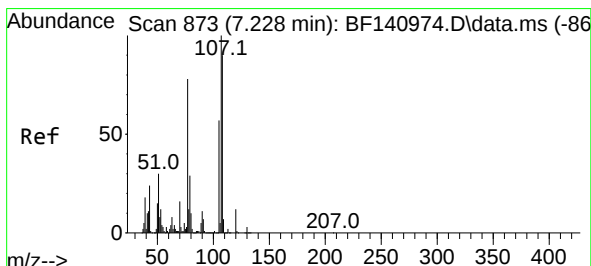
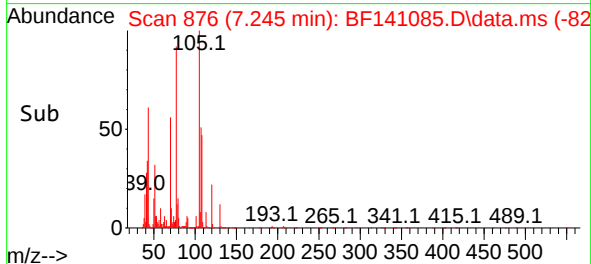
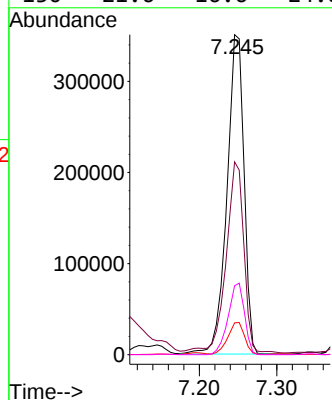
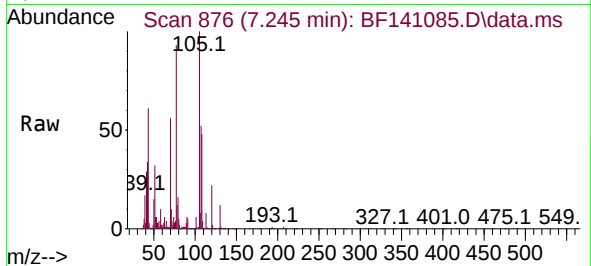




#19
n-Nitroso-di-n-propylamine
Concen: 52.287 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

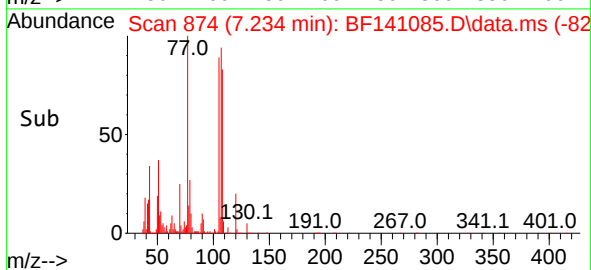
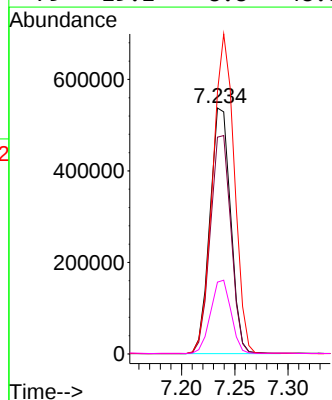
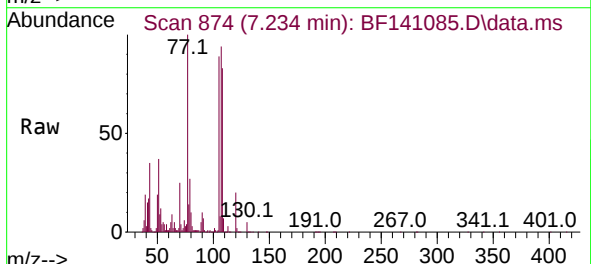
Instrument :
BNA_F
ClientSampleId :
HT2651MSD

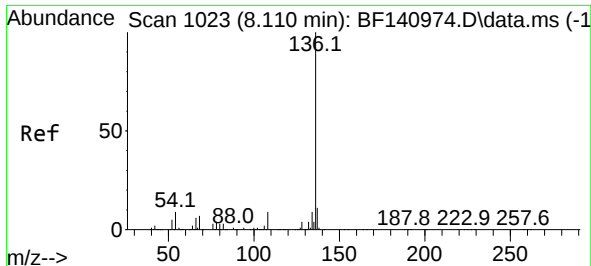
Tgt Ion: 70 Resp: 539521
Ion Ratio Lower Upper
70 100
42 60.2 48.1 72.1
101 10.0 7.6 11.4
130 21.6 16.6 24.8



#20
3+4-Methylphenols
Concen: 50.070 ng
RT: 7.234 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion: 107 Resp: 725616
Ion Ratio Lower Upper
107 100
108 88.2 69.6 109.6
77 106.6 57.6 97.6#
79 29.2 8.8 48.8



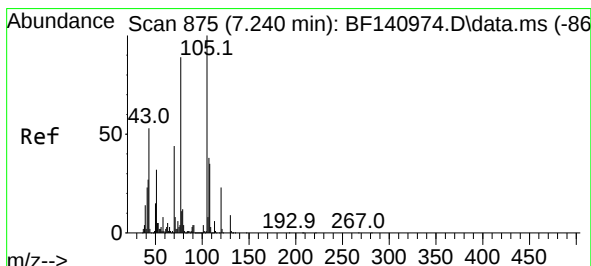
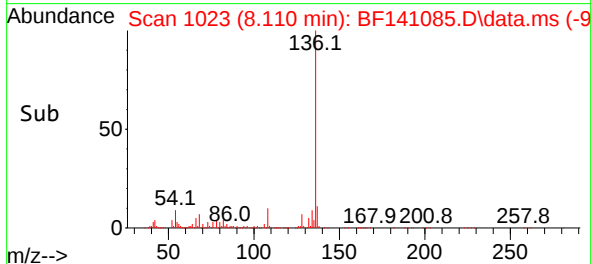
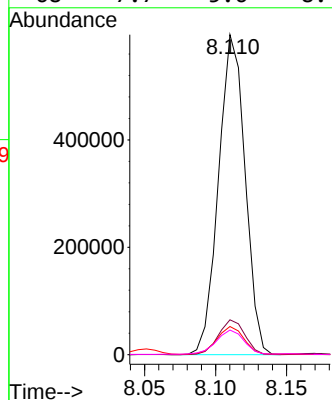
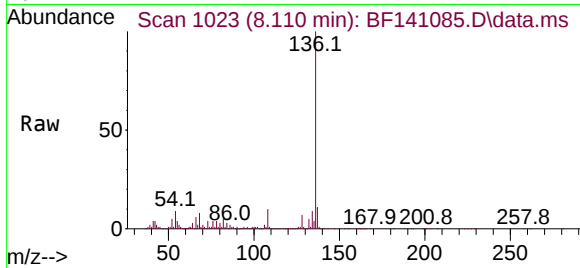


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Instrument :
BNA_F
ClientSampleId :
HT2651MSD

Tgt Ion:136 Resp: 775659

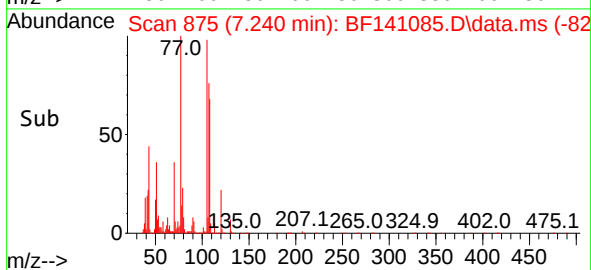
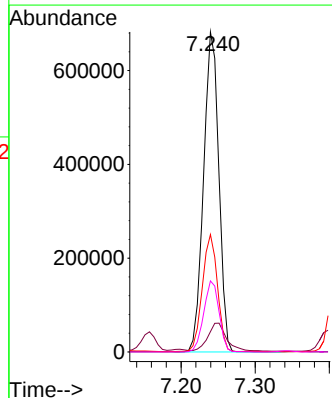
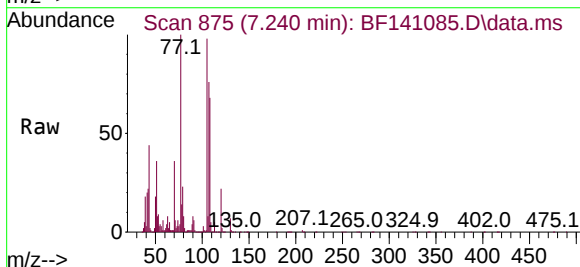
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	8.8	7.6	11.4
68	7.7	5.6	8.4

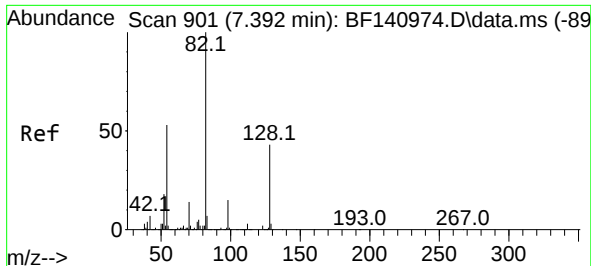


#22
Acetophenone
Concen: 51.152 ng
RT: 7.240 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion:105 Resp: 973326

Ion	Ratio	Lower	Upper
105	100		
71	6.4	6.1	9.1
51	36.7	25.8	38.6
120	22.2	18.1	27.1





#23

Nitrobenzene-d5

Concen: 121.376 ng

RT: 7.393 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

Instrument :

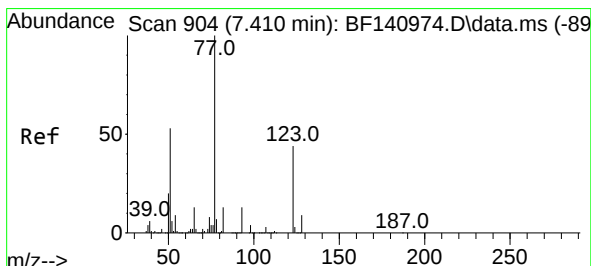
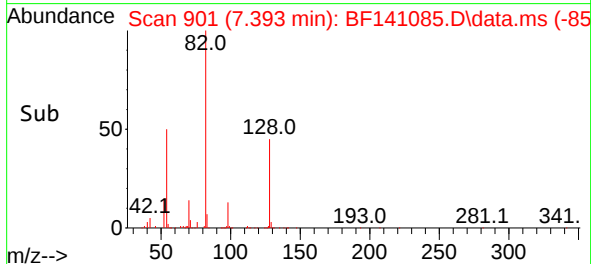
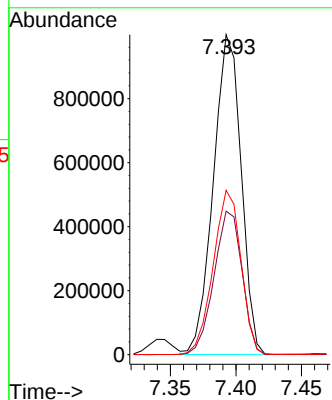
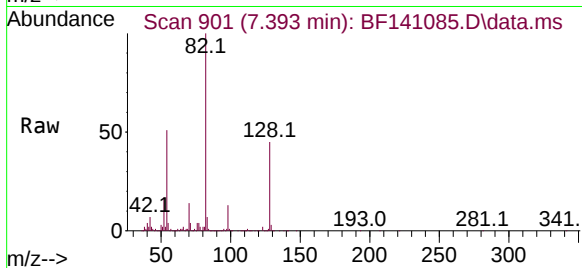
BNA_F

ClientSampleId :

HT2651MSD

Tgt Ion: 82 Resp: 1471548

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.4	51.6
54	51.4	42.4	63.6



#24

Nitrobenzene

Concen: 58.443 ng

RT: 7.416 min Scan# 905

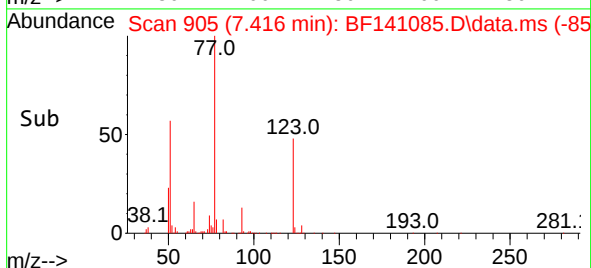
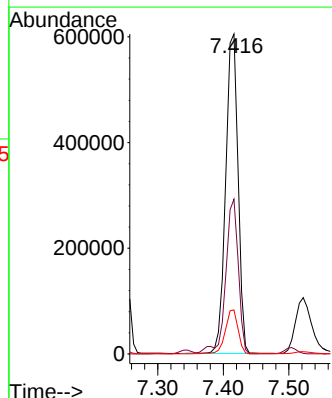
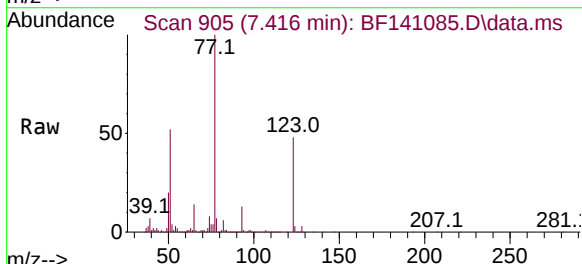
Delta R.T. 0.006 min

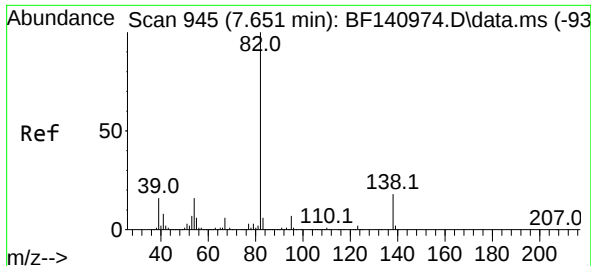
Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

Tgt Ion: 77 Resp: 791736

Ion	Ratio	Lower	Upper
77	100		
123	48.3	35.4	53.2
65	13.7	10.7	16.1

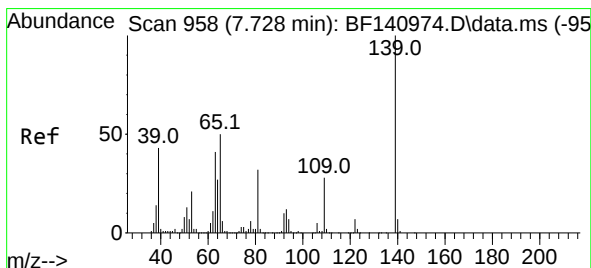
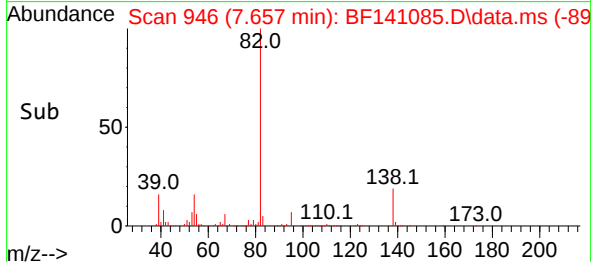
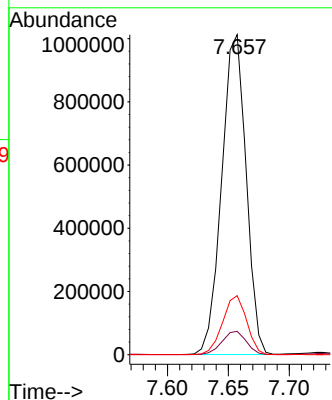
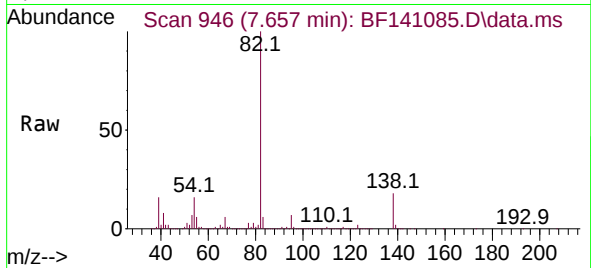




#25
Isophorone
Concen: 53.555 ng
RT: 7.657 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

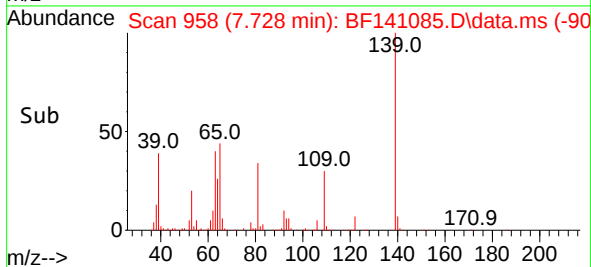
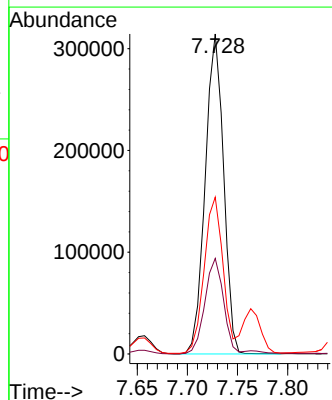
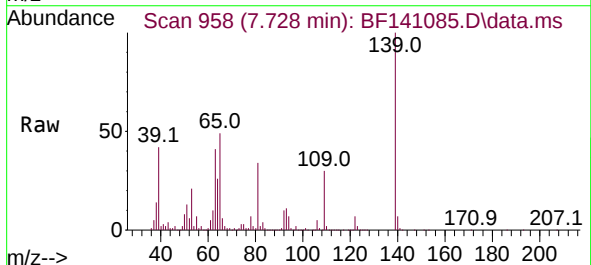
Instrument :
BNA_F
ClientSampleId :
HT2651MSD

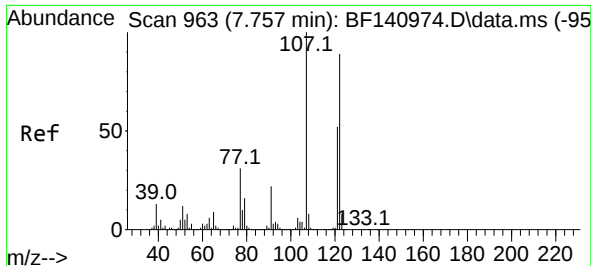
Tgt Ion: 82 Resp: 1412897
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 18.4 14.6 21.8



#26
2-Nitrophenol
Concen: 69.806 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion:139 Resp: 402579
Ion Ratio Lower Upper
139 100
109 29.9 22.2 33.4
65 49.0 40.2 60.4

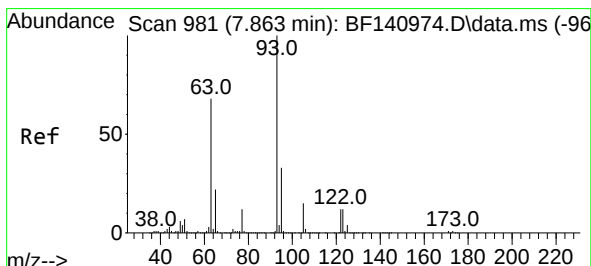
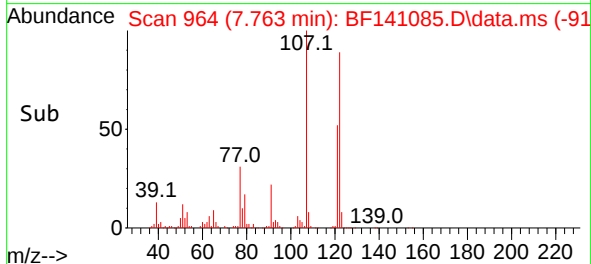
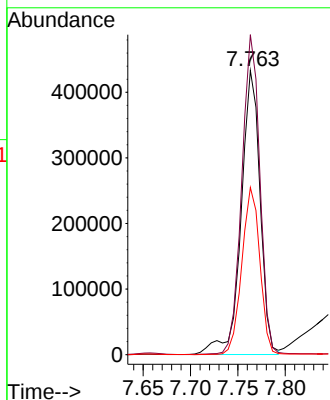
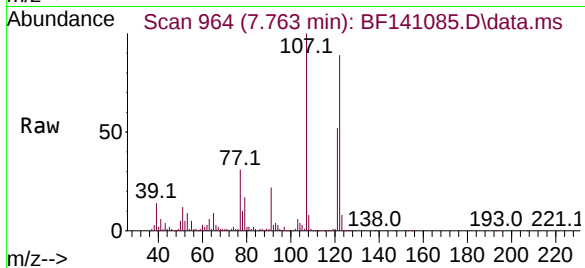




#27
2,4-Dimethylphenol
Concen: 62.646 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

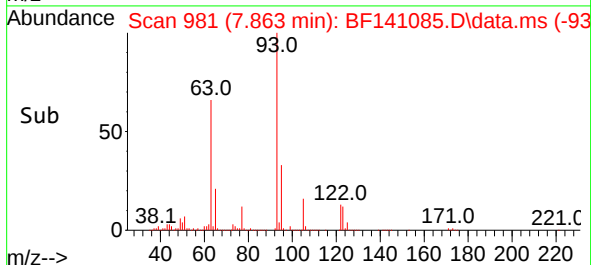
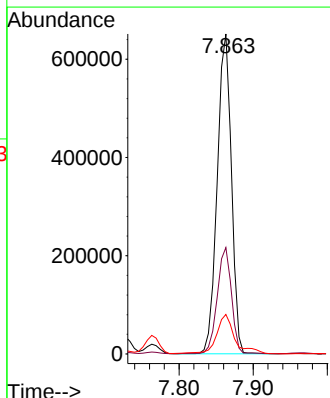
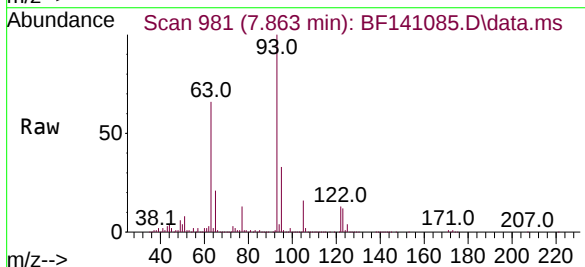
Instrument :
BNA_F
ClientSampleId :
HT2651MSD

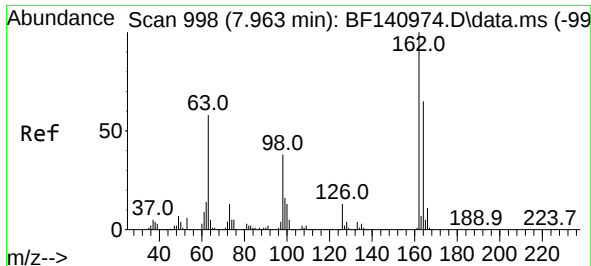
Tgt Ion:122 Resp: 604024
Ion Ratio Lower Upper
122 100
107 112.6 89.4 134.2
121 58.8 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 51.692 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion: 93 Resp: 864051
Ion Ratio Lower Upper
93 100
95 33.3 26.2 39.4
123 12.4 9.9 14.9

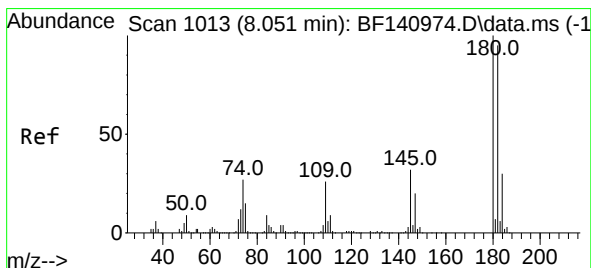
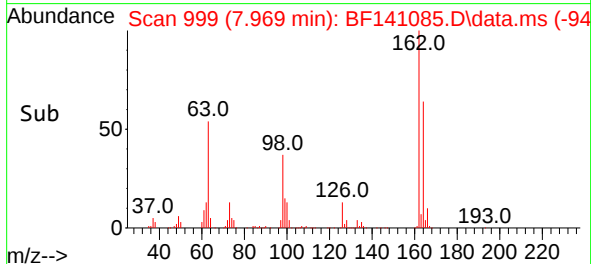
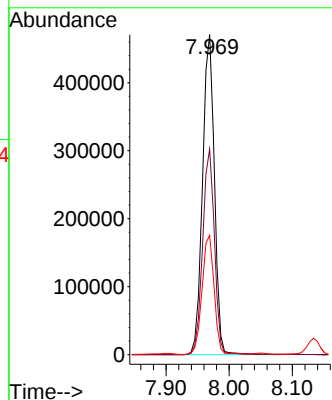
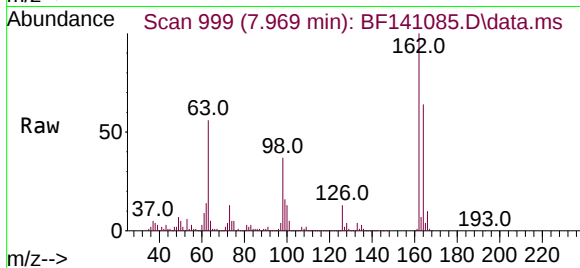




#29
2,4-Dichlorophenol
Concen: 56.239 ng
RT: 7.969 min Scan# 998
Delta R.T. 0.006 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

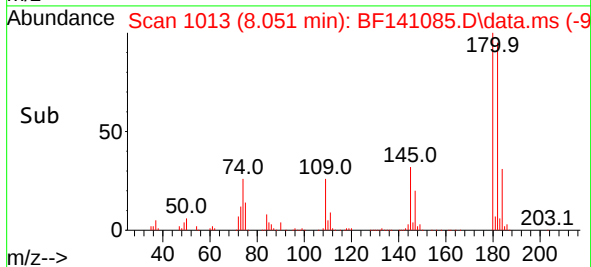
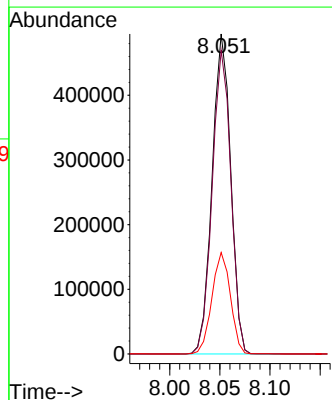
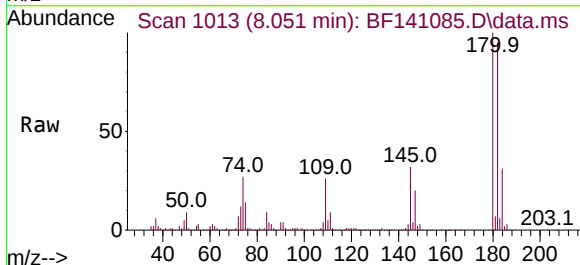
Instrument :
BNA_F
ClientSampleId :
HT2651MSD

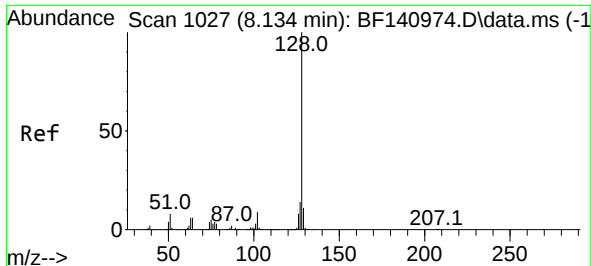
Tgt Ion:162 Resp: 614993
Ion Ratio Lower Upper
162 100
164 64.2 44.8 84.8
98 37.3 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 51.600 ng
RT: 8.051 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion:180 Resp: 638661
Ion Ratio Lower Upper
180 100
182 94.9 76.2 114.4
145 31.7 25.4 38.2

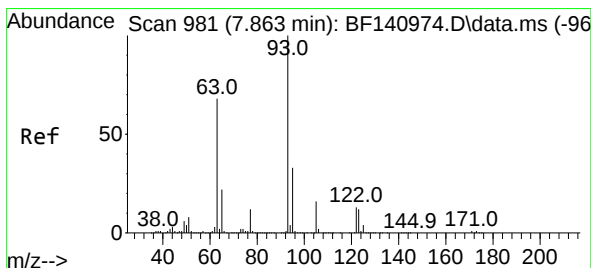
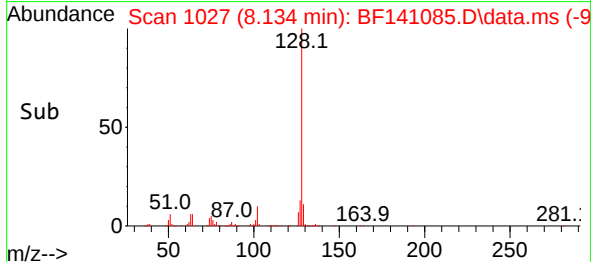
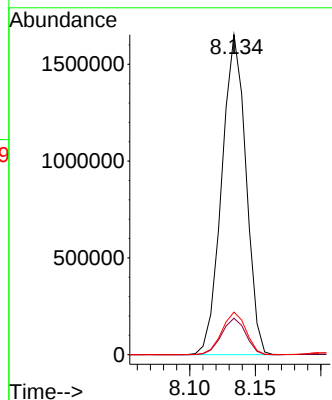
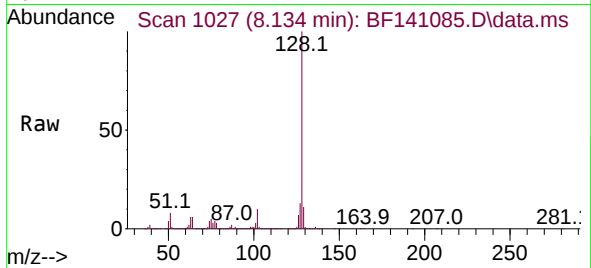




#31
Naphthalene
Concen: 51.877 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

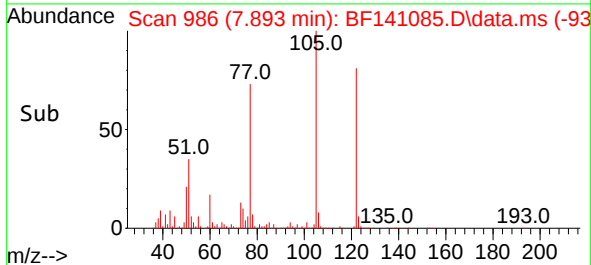
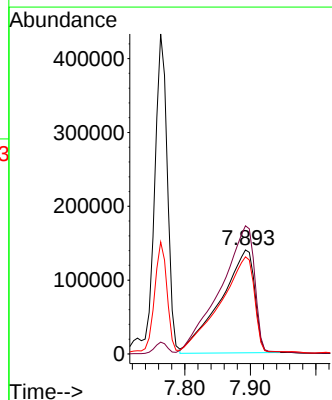
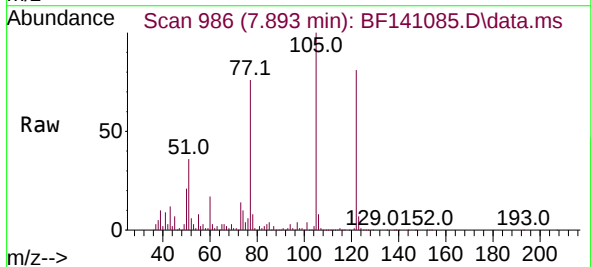
Instrument :
BNA_F
ClientSampleId :
HT2651MSD

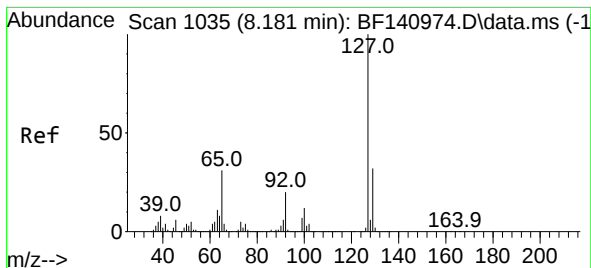
Tgt Ion:128 Resp: 2120333
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.3 11.0 16.4



#32
Benzoic acid
Concen: 61.406 ng
RT: 7.893 min Scan# 986
Delta R.T. 0.029 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion:122 Resp: 507536
Ion Ratio Lower Upper
122 100
105 123.2 105.4 145.4
77 93.3 76.4 116.4





#33

4-Chloroaniline

Concen: 3.246 ng m

RT: 8.204 min Scan# 1039

Delta R.T. 0.024 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

Instrument :

BNA_F

ClientSampleId :

HT2651MSD

Tgt Ion:127 Resp: 47990

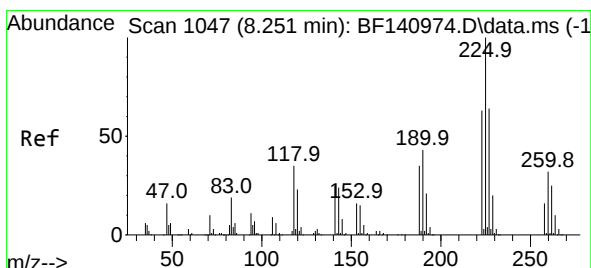
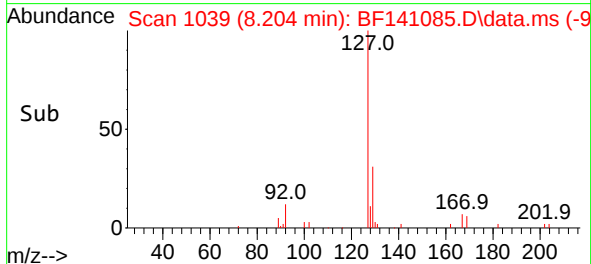
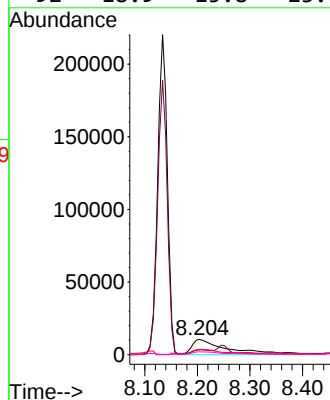
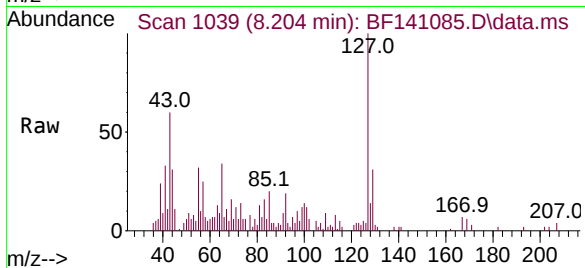
Ion Ratio Lower Upper

127 100

129 31.5 26.1 39.1

65 34.5 24.6 37.0

92 18.9 15.8 23.6



#34

Hexachlorobutadiene

Concen: 52.768 ng

RT: 8.251 min Scan# 1047

Delta R.T. 0.000 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

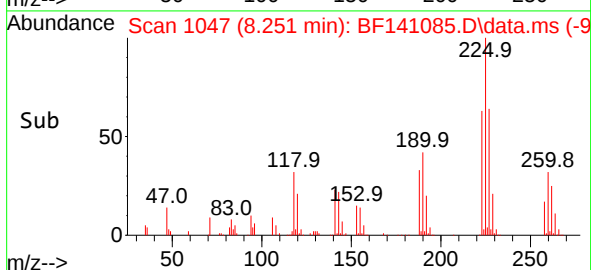
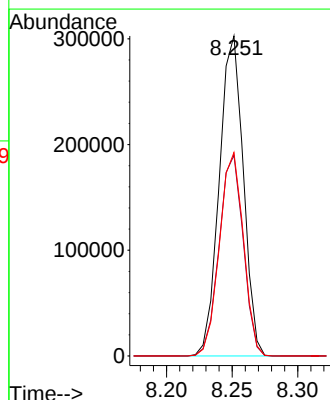
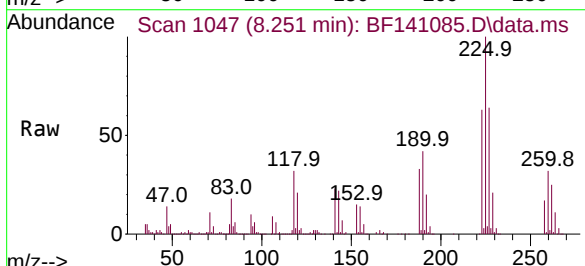
Tgt Ion:225 Resp: 385031

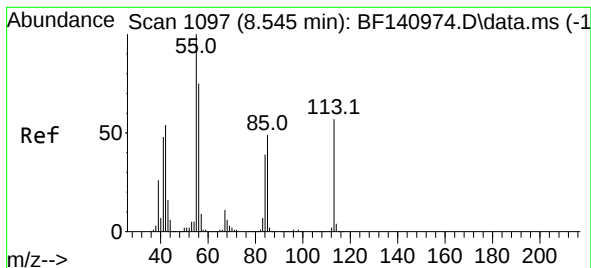
Ion Ratio Lower Upper

225 100

223 62.7 50.3 75.5

227 63.6 50.8 76.2





#35

Caprolactam

Concen: 51.070 ng m

RT: 8.581 min Scan# 1103

Delta R.T. 0.035 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

Instrument :

BNA_F

ClientSampleId :

HT2651MSD

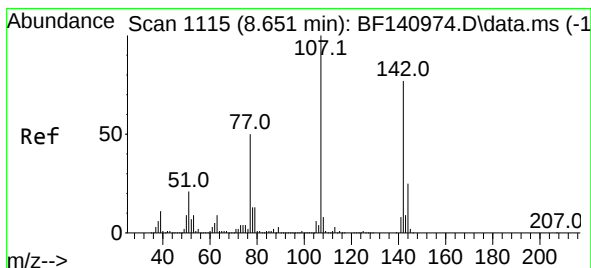
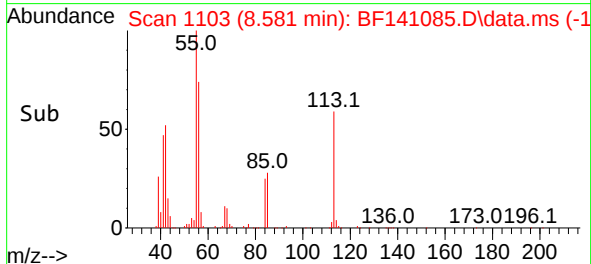
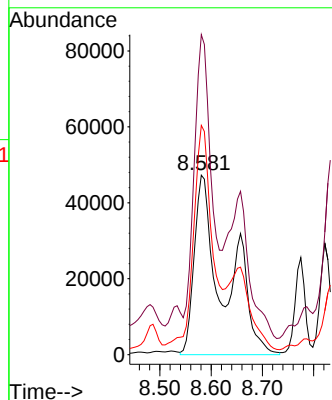
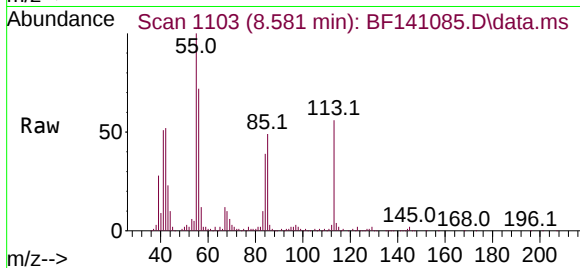
Tgt Ion:113 Resp: 189853

Ion Ratio Lower Upper

113 100

55 178.3 156.6 196.6

56 127.8 111.7 151.7



#36

4-Chloro-3-methylphenol

Concen: 54.138 ng

RT: 8.657 min Scan# 1116

Delta R.T. 0.006 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

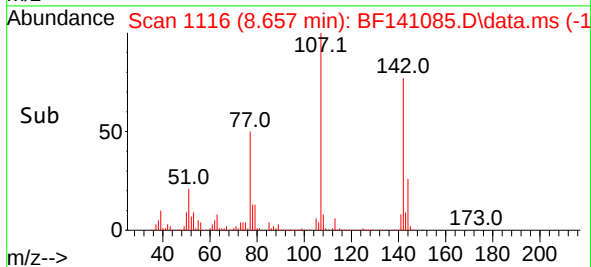
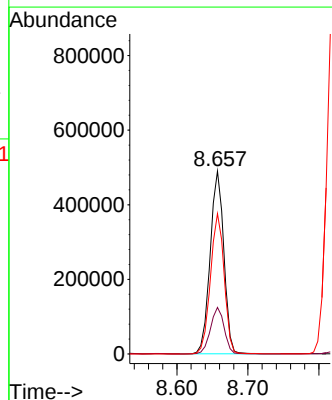
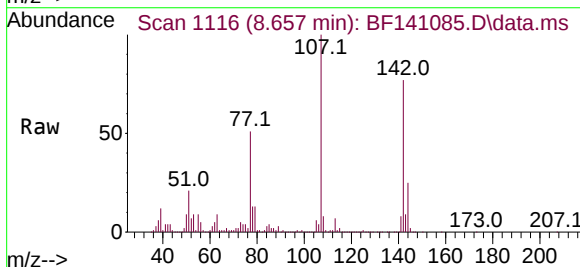
Tgt Ion:107 Resp: 657470

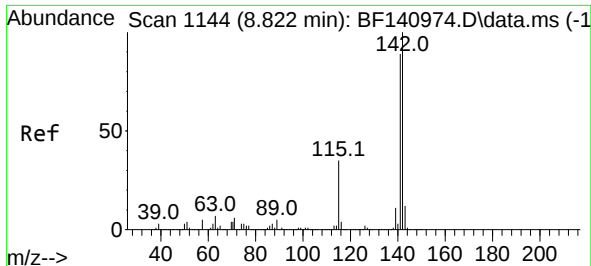
Ion Ratio Lower Upper

107 100

144 25.5 19.9 29.9

142 76.8 61.8 92.8

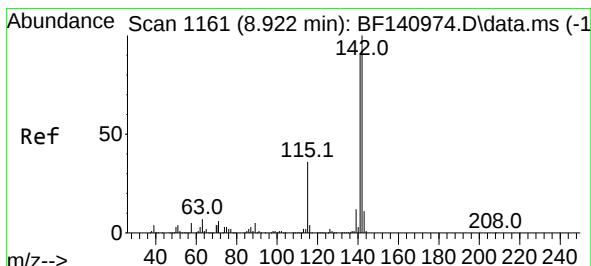
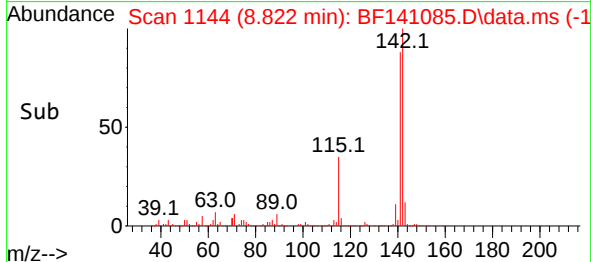
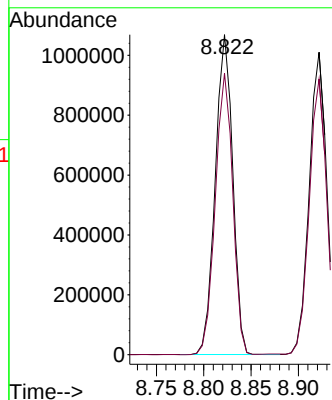
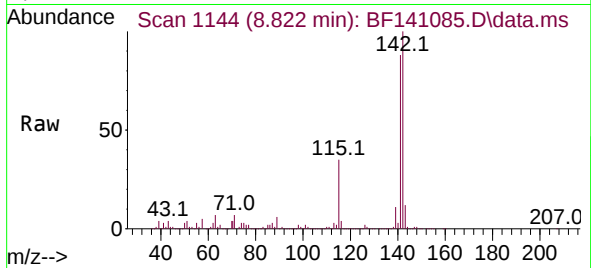




#37
2-Methylnaphthalene
Concen: 52.476 ng
RT: 8.822 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

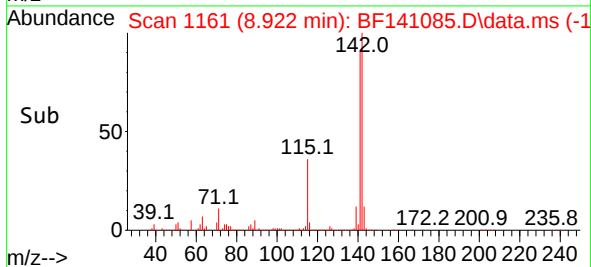
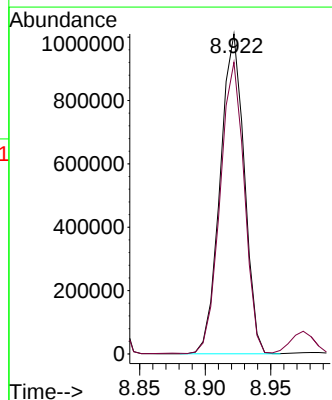
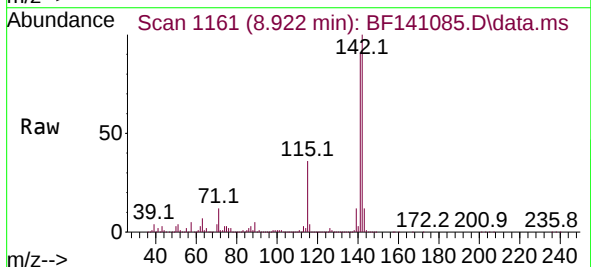
Instrument :
BNA_F
ClientSampleId :
HT2651MSD

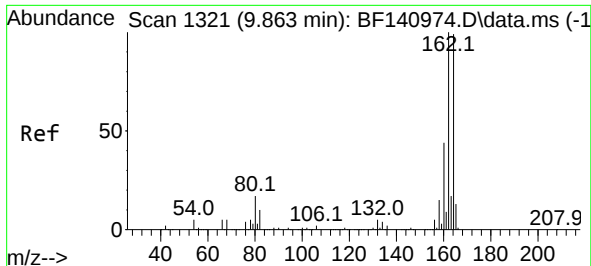
Tgt Ion:142 Resp: 1372110
Ion Ratio Lower Upper
142 100
141 87.9 71.1 106.7



#38
1-Methylnaphthalene
Concen: 50.186 ng
RT: 8.922 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

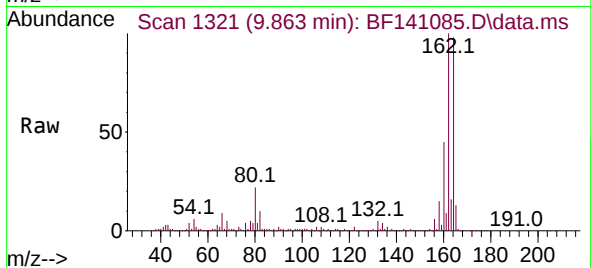
Tgt Ion:142 Resp: 1289646
Ion Ratio Lower Upper
142 100
141 91.2 72.7 109.1



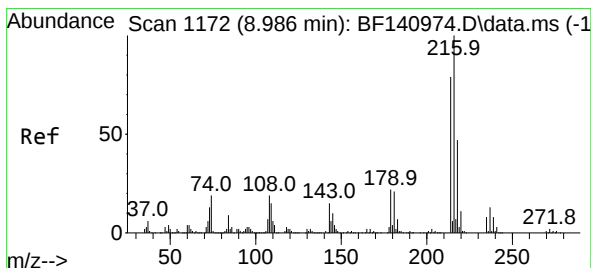
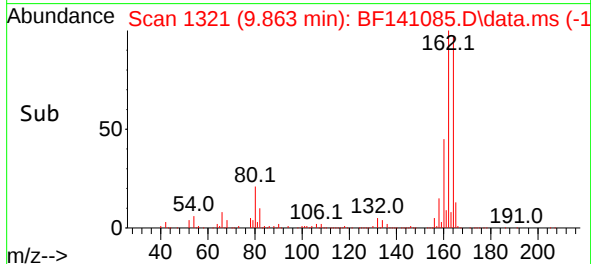
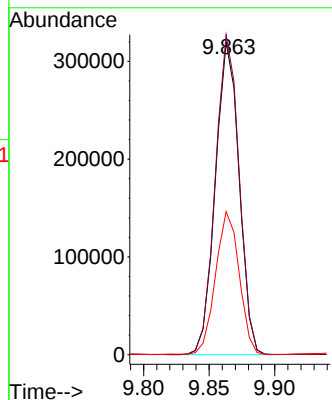


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Instrument :
BNA_F
ClientSampleId :
HT2651MSD

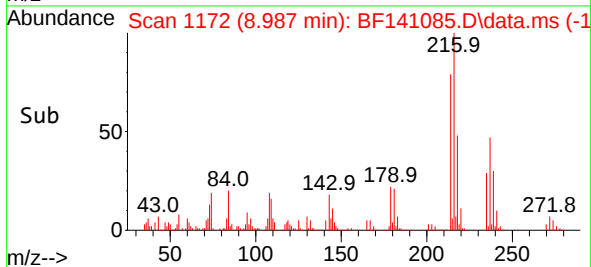
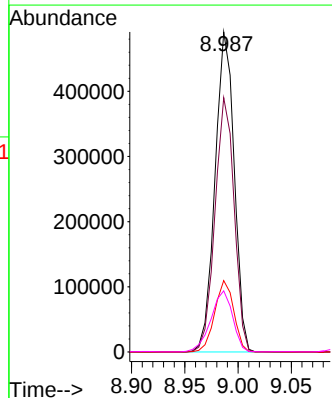
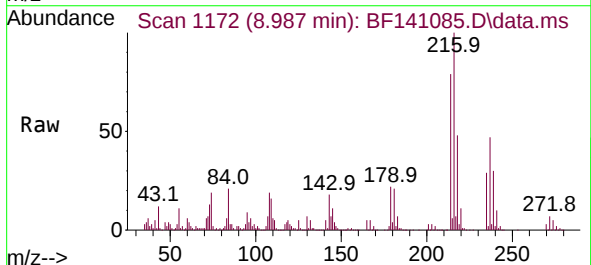


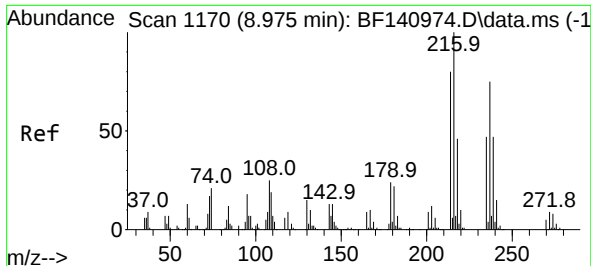
Tgt Ion:164 Resp: 401315
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 45.8 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.654 ng
RT: 8.987 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

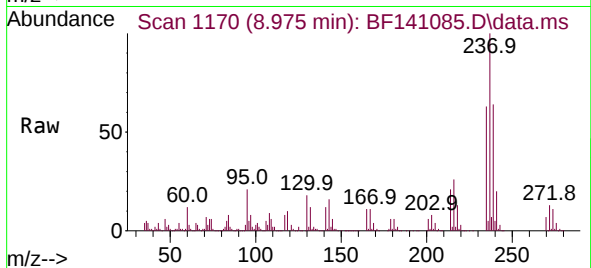
Tgt Ion:216 Resp: 614462
Ion Ratio Lower Upper
216 100
214 79.3 63.0 94.6
179 22.1 17.9 26.9
108 21.7 16.2 24.2



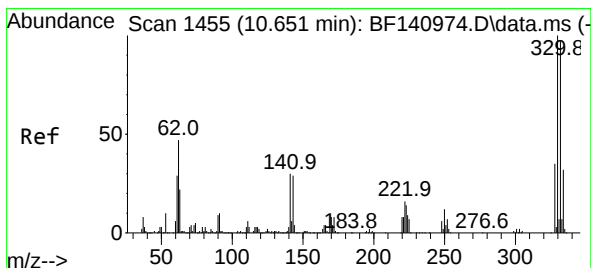
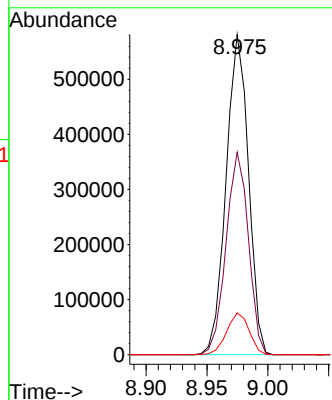
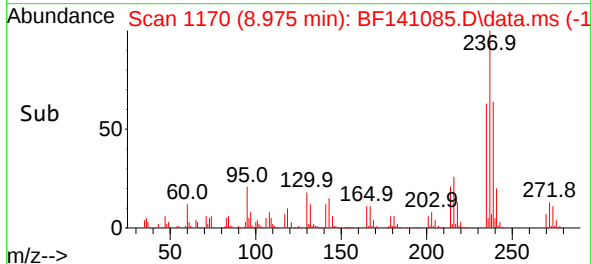


#41
Hexachlorocyclopentadiene
Concen: 202.916 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

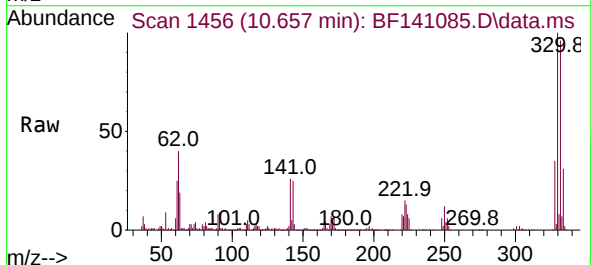
Instrument :
BNA_F
ClientSampleId :
HT2651MSD



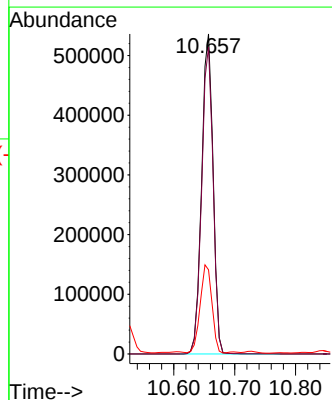
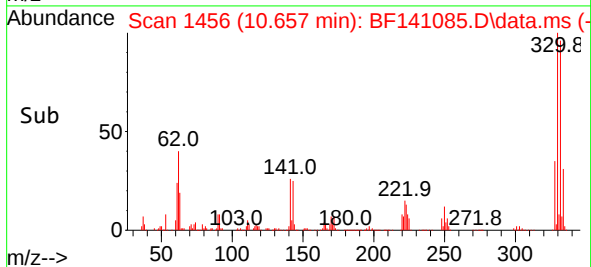
Tgt Ion:237 Resp: 742420
Ion Ratio Lower Upper
237 100
235 63.3 43.4 83.4
272 13.1 0.0 32.6

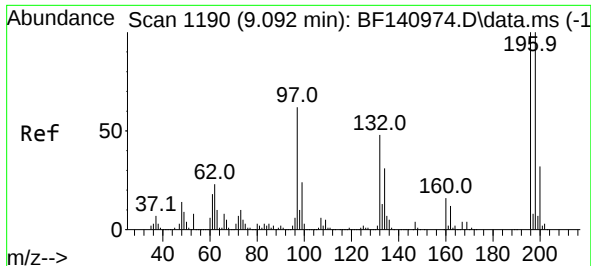


#42
2,4,6-Tribromophenol
Concen: 179.346 ng
RT: 10.657 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52



Tgt Ion:330 Resp: 699379
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 28.0 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 58.417 ng

RT: 9.098 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

Instrument :

BNA_F

ClientSampleId :

HT2651MSD

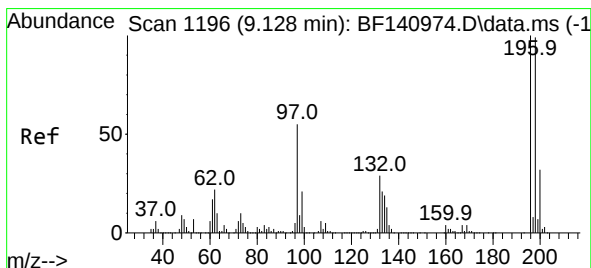
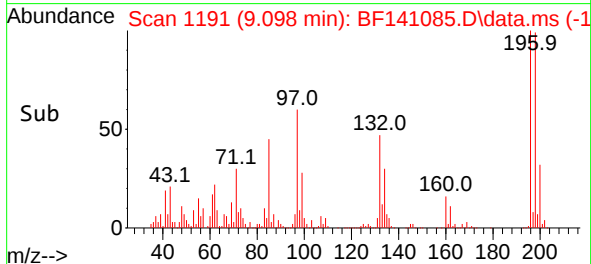
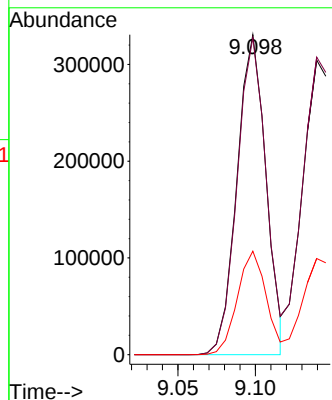
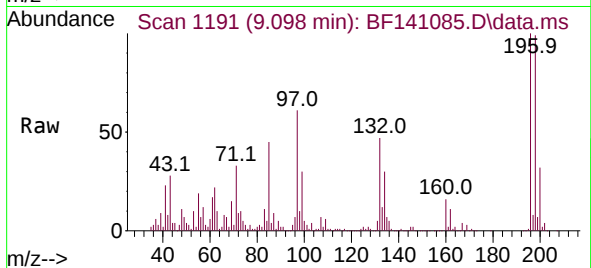
Tgt Ion:196 Resp: 429258

Ion Ratio Lower Upper

196 100

198 99.1 80.2 120.4

200 32.4 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 61.073 ng

RT: 9.139 min Scan# 1198

Delta R.T. 0.012 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

Tgt Ion:196 Resp: 459184

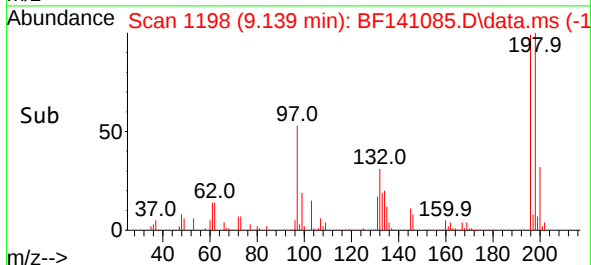
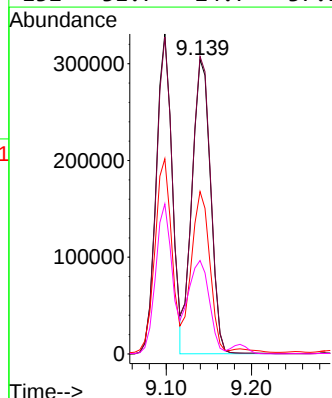
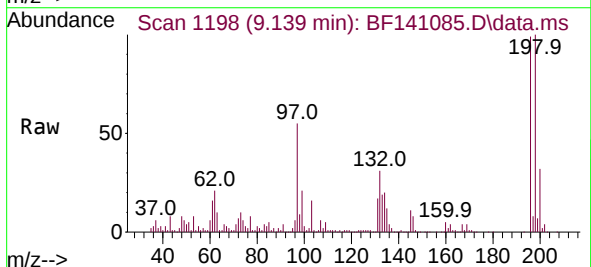
Ion Ratio Lower Upper

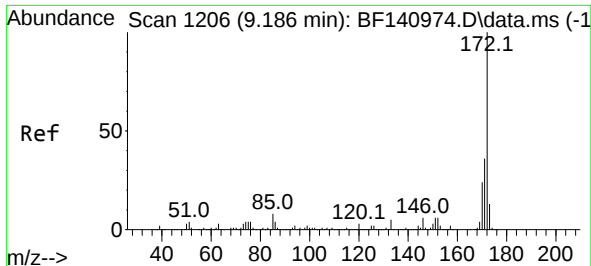
196 100

198 101.0 79.9 119.9

97 55.1 44.3 66.5

132 31.7 24.7 37.1

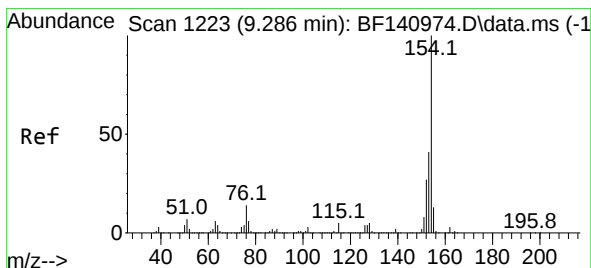
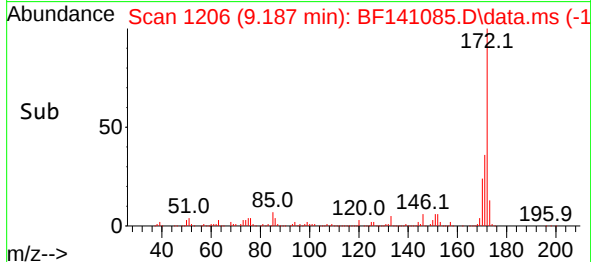
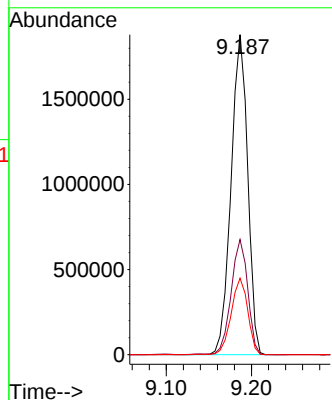
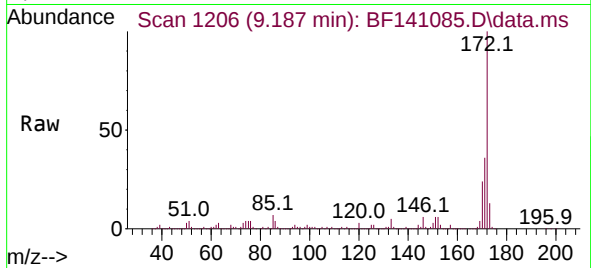




#45
2-Fluorobiphenyl
Concen: 100.959 ng
RT: 9.187 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

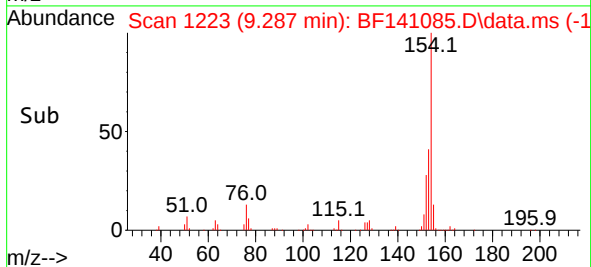
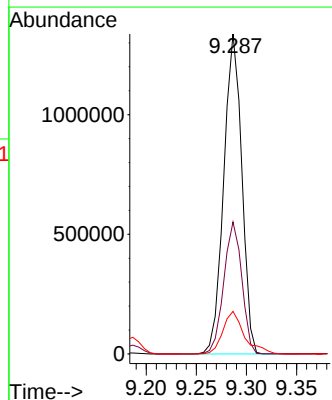
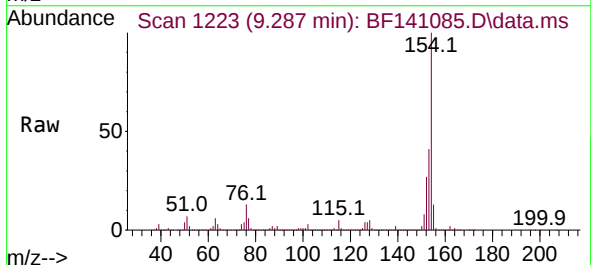
Instrument :
BNA_F
ClientSampleId :
HT2651MSD

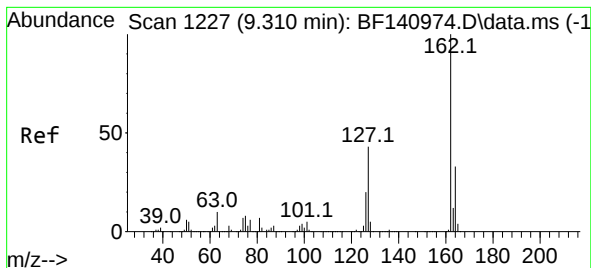
Tgt Ion:172 Resp: 2543018
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 23.9 19.6 29.4



#46
1,1'-Biphenyl
Concen: 54.416 ng
RT: 9.287 min Scan# 1223
Delta R.T. 0.001 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion:154 Resp: 1672133
Ion Ratio Lower Upper
154 100
153 41.3 20.9 60.9
76 13.3 0.0 34.0





#47

2-Chloronaphthalene

Concen: 53.406 ng

RT: 9.310 min Scan# 1227

Delta R.T. 0.000 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

Instrument :

BNA_F

ClientSampleId :

HT2651MSD

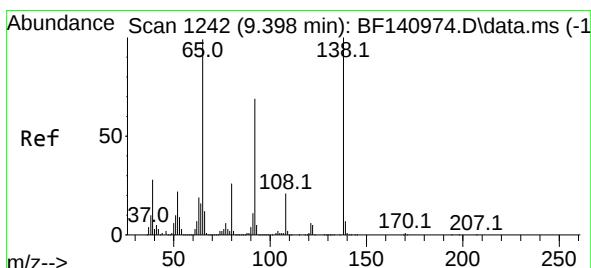
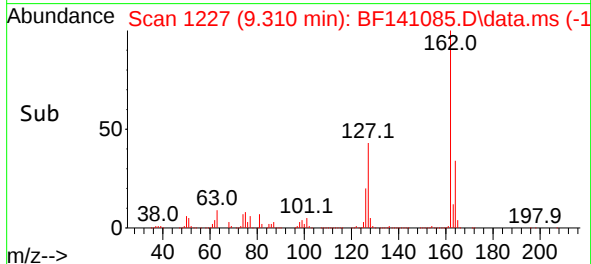
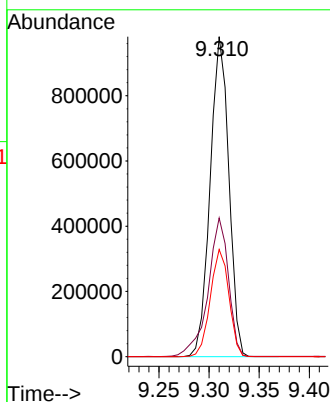
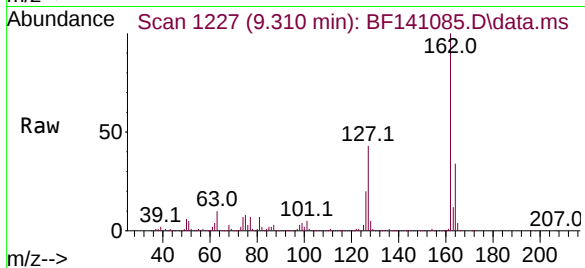
Tgt Ion:162 Resp: 1272771

Ion Ratio Lower Upper

162 100

127 43.3 34.2 51.4

164 33.5 26.6 40.0



#48

2-Nitroaniline

Concen: 60.089 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

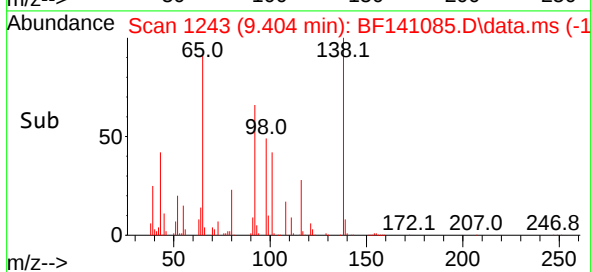
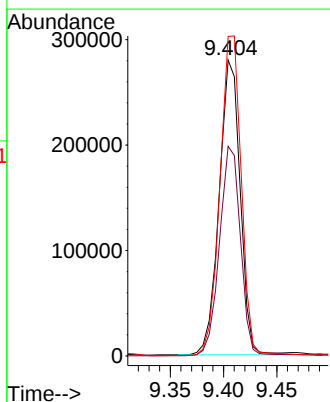
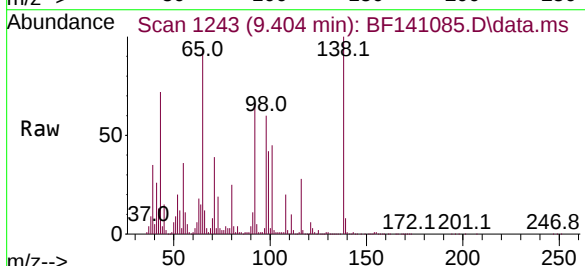
Tgt Ion: 65 Resp: 382707

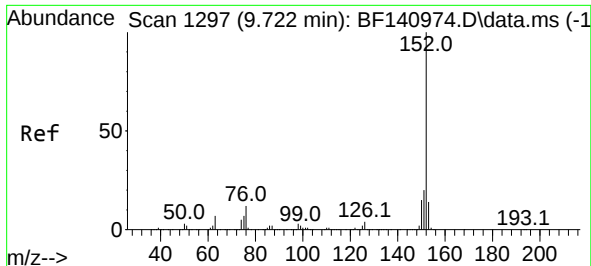
Ion Ratio Lower Upper

65 100

92 70.8 55.6 83.4

138 108.0 80.5 120.7





#49

Acenaphthylene

Concen: 57.154 ng

RT: 9.728 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

Instrument :

BNA_F

ClientSampleId :

HT2651MSD

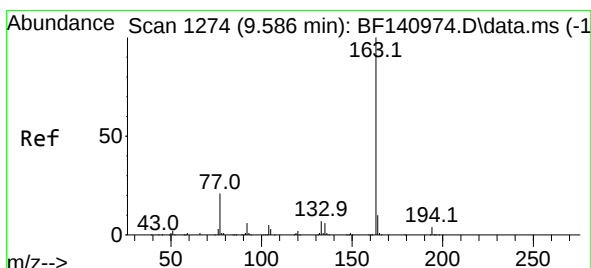
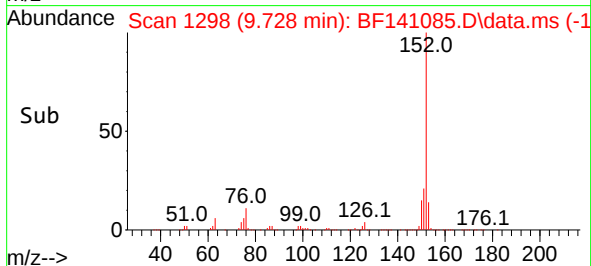
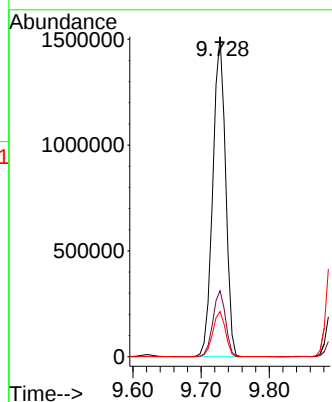
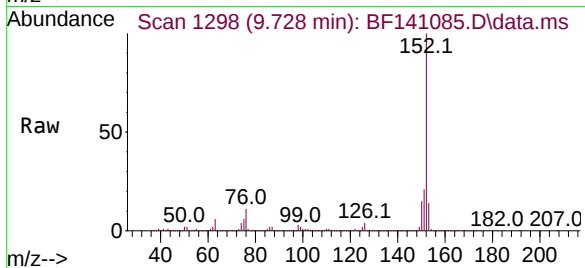
Tgt Ion:152 Resp: 1960792

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 14.1 11.4 17.0



#50

Dimethylphthalate

Concen: 56.657 ng

RT: 9.592 min Scan# 1275

Delta R.T. 0.006 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

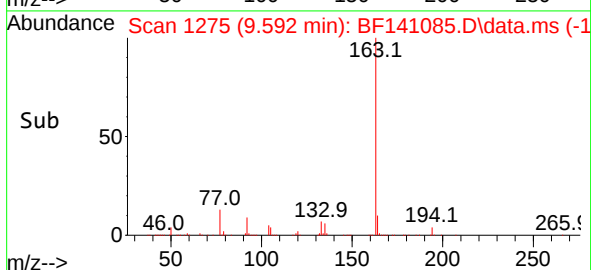
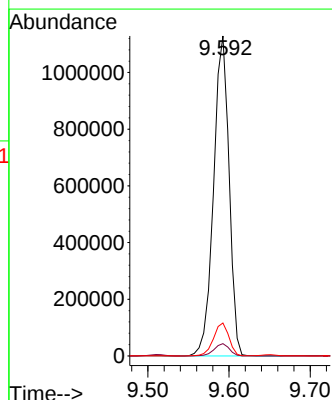
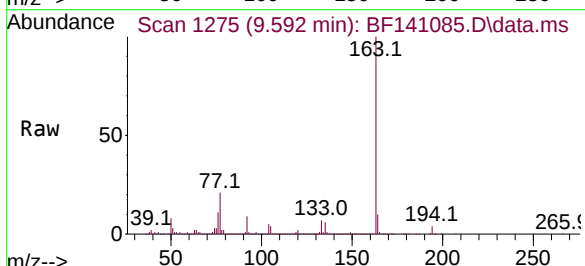
Tgt Ion:163 Resp: 1495575

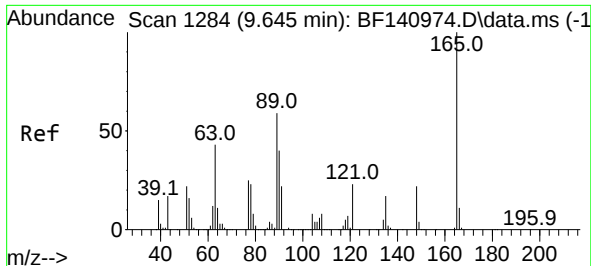
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.3 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 62.901 ng

RT: 9.651 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

Instrument :

BNA_F

ClientSampleId :

HT2651MSD

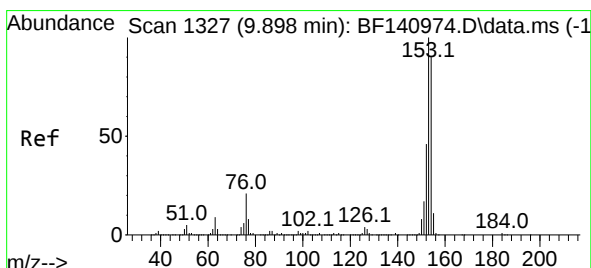
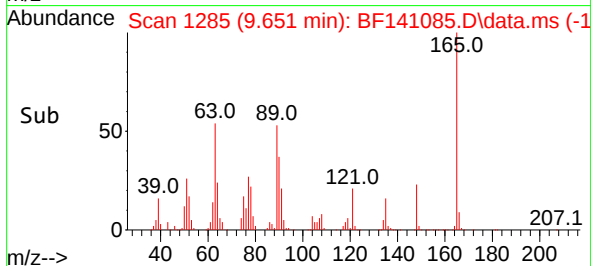
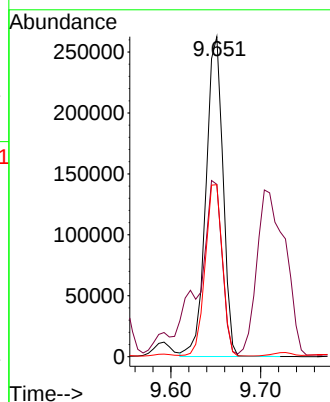
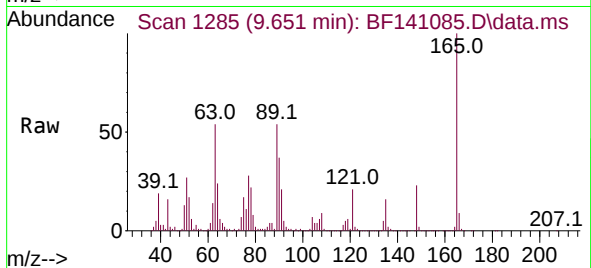
Tgt Ion:165 Resp: 345229

Ion Ratio Lower Upper

165 100

63 53.8 47.1 70.7

89 53.7 47.0 70.4



#52

Acenaphthene

Concen: 63.834 ng

RT: 9.898 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

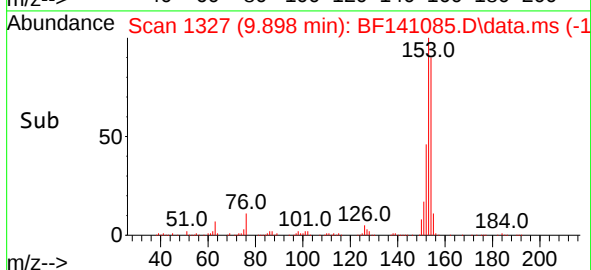
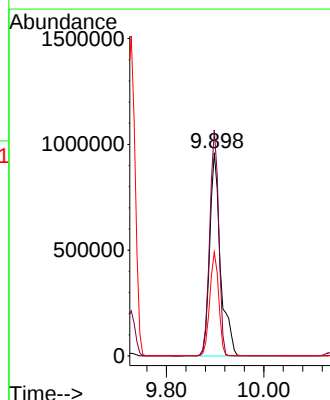
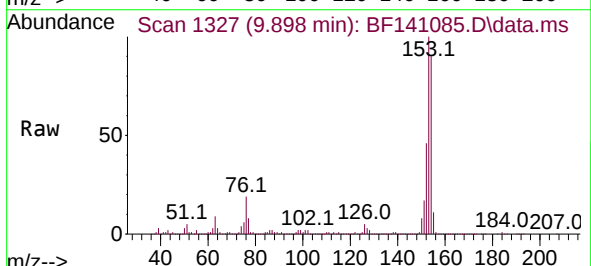
Tgt Ion:154 Resp: 1480523

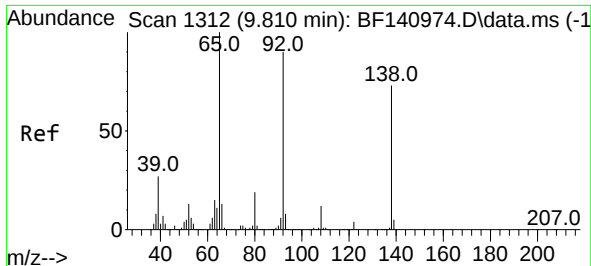
Ion Ratio Lower Upper

154 100

153 111.2 89.2 133.8

152 51.0 40.9 61.3

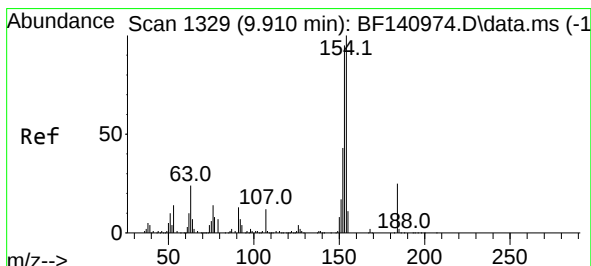
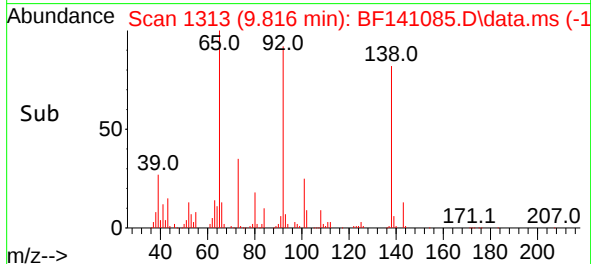
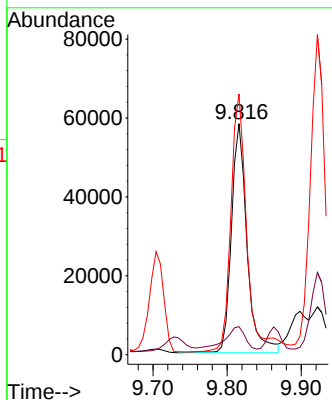
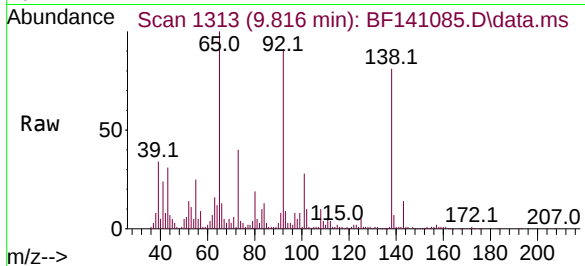




#53
3-Nitroaniline
Concen: 16.742 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

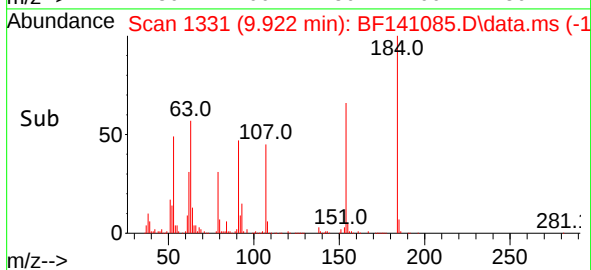
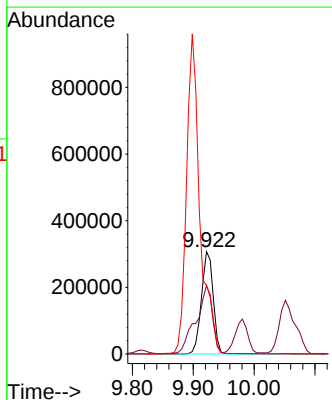
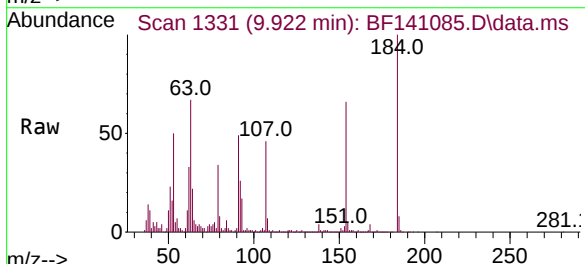
Instrument :
BNA_F
ClientSampleId :
HT2651MSD

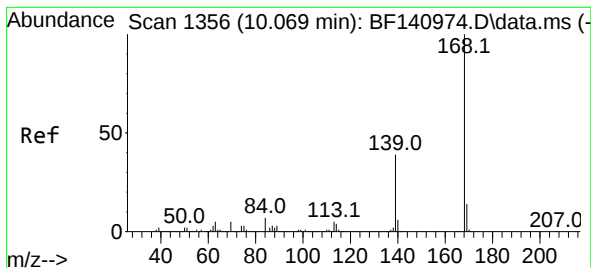
Tgt Ion:138 Resp: 84657
Ion Ratio Lower Upper
138 100
108 12.2 13.5 20.3#
92 112.8 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 141.737 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion:184 Resp: 411912
Ion Ratio Lower Upper
184 100
63 66.9 81.6 122.4#
154 66.3 363.5 545.3#

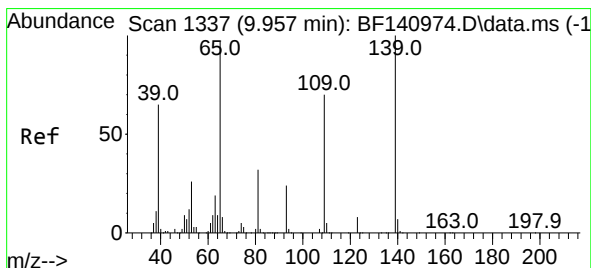
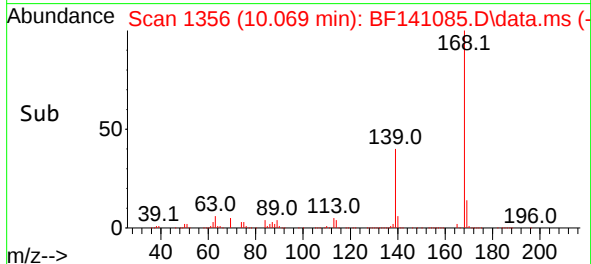
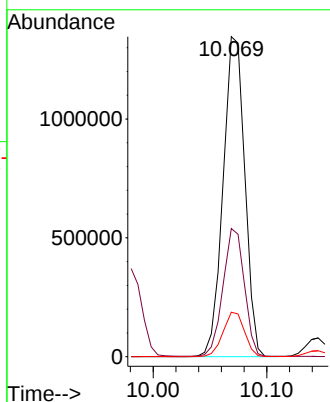
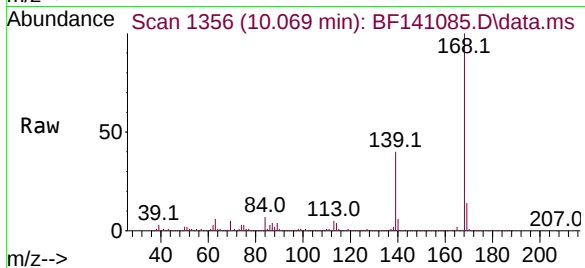




#55
Dibenzenofuran
Concen: 54.883 ng
RT: 10.069 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

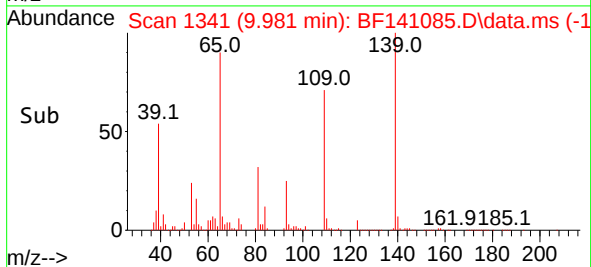
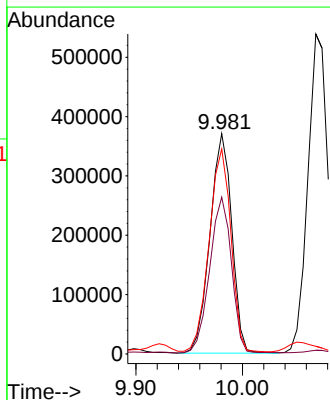
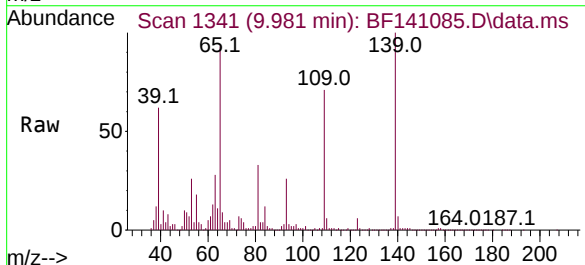
Instrument :
BNA_F
ClientSampleId :
HT2651MSD

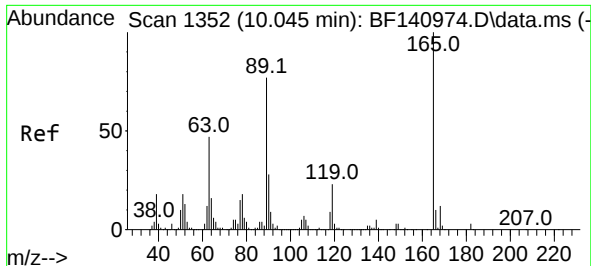
Tgt Ion:168 Resp: 1788888
Ion Ratio Lower Upper
168 100
139 40.0 31.6 47.4
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 116.326 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.024 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion:139 Resp: 525262
Ion Ratio Lower Upper
139 100
109 71.2 50.8 90.8
65 93.1 78.5 118.5

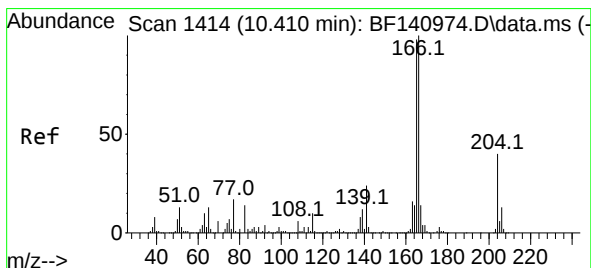
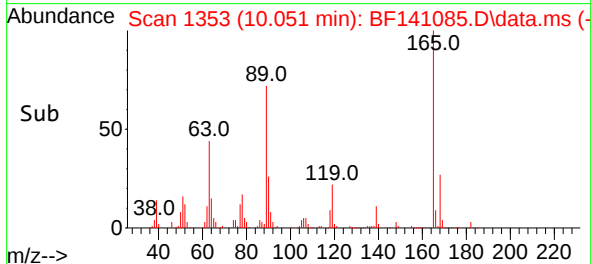
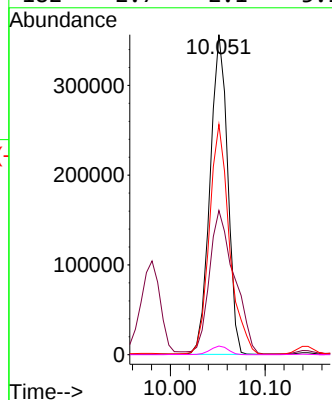
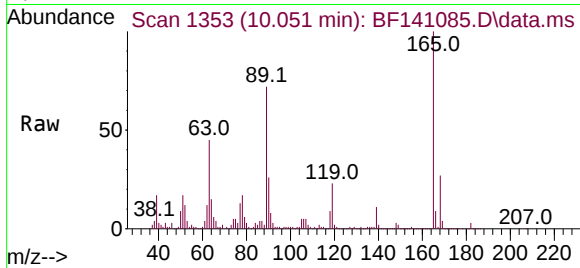




#57
2,4-Dinitrotoluene
Concen: 67.451 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

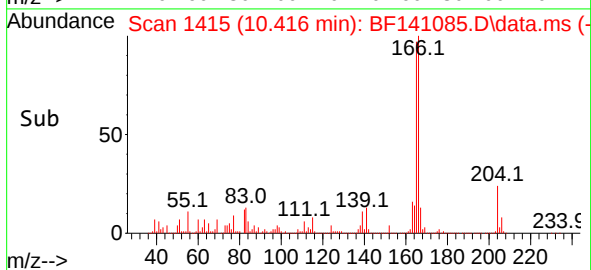
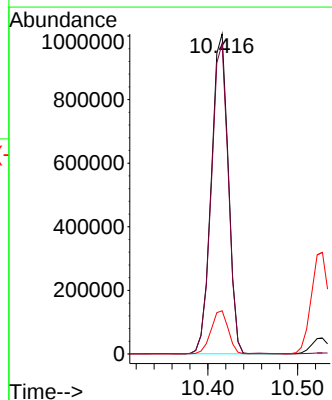
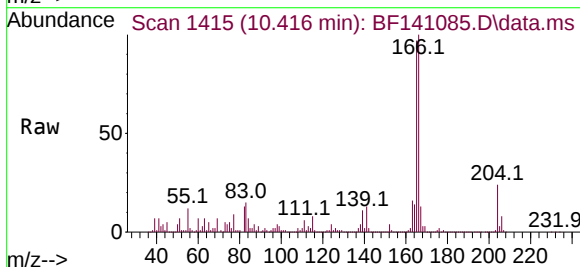
Instrument :
BNA_F
ClientSampleId :
HT2651MSD

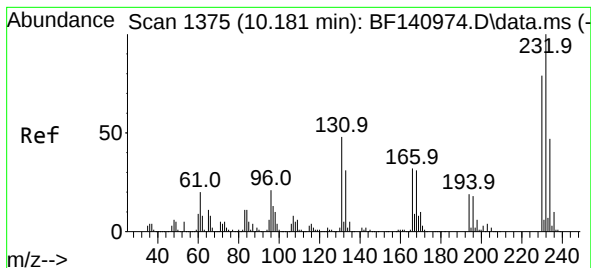
Tgt Ion:165 Resp: 457592
Ion Ratio Lower Upper
165 100
63 45.1 38.1 57.1
89 72.0 61.4 92.2
182 2.7 2.1 3.1



#58
Fluorene
Concen: 52.212 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion:166 Resp: 1319705
Ion Ratio Lower Upper
166 100
165 97.0 78.3 117.5
167 13.5 10.9 16.3

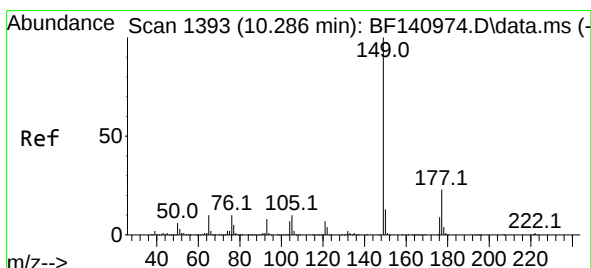
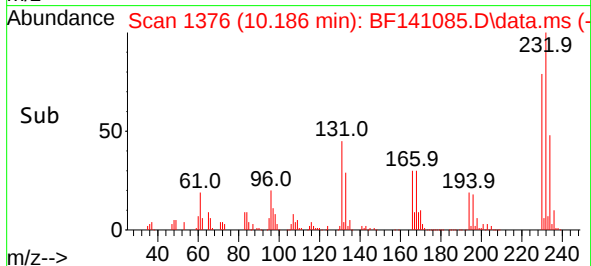
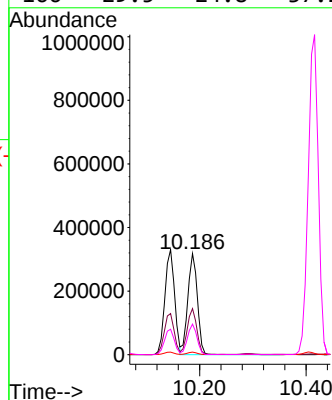
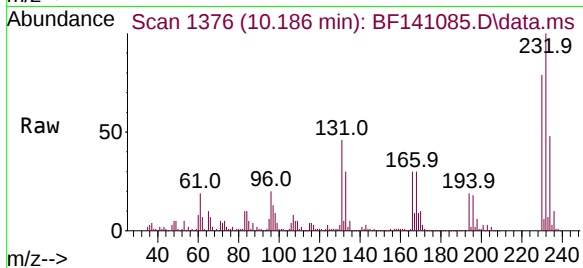




#59
2,3,4,6-Tetrachlorophenol
Concen: 63.410 ng
RT: 10.186 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

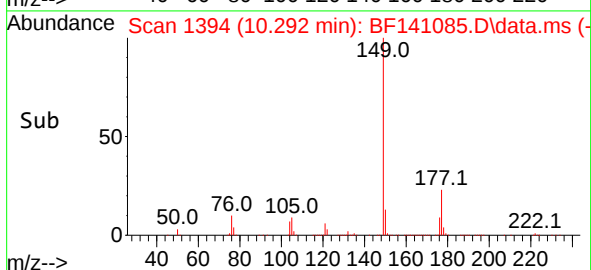
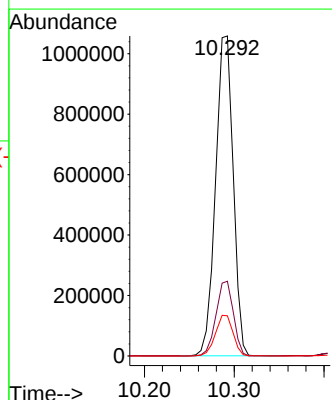
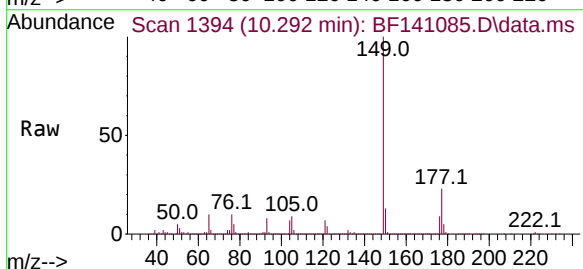
Instrument :
BNA_F
ClientSampleId :
HT2651MSD

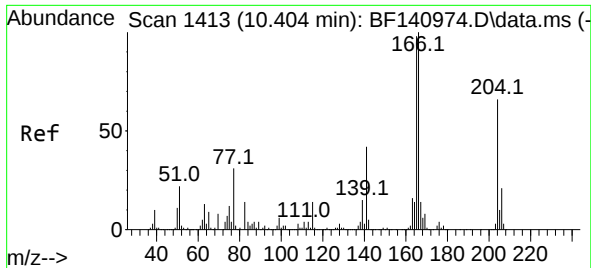
Tgt Ion:232 Resp: 394843
Ion Ratio Lower Upper
232 100
131 45.1 37.4 56.2
130 2.4 1.8 2.8
166 29.5 24.8 37.2



#60
Diethylphthalate
Concen: 55.453 ng
RT: 10.292 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion:149 Resp: 1445115
Ion Ratio Lower Upper
149 100
177 23.4 18.3 27.5
150 12.6 10.4 15.6

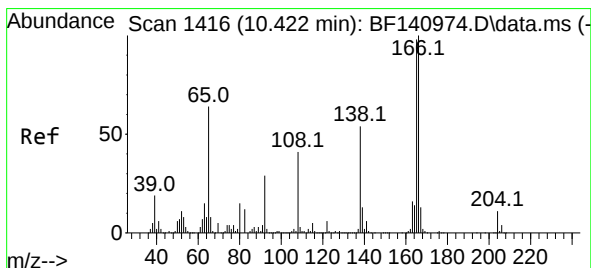
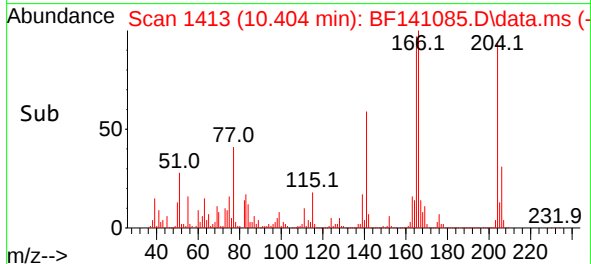
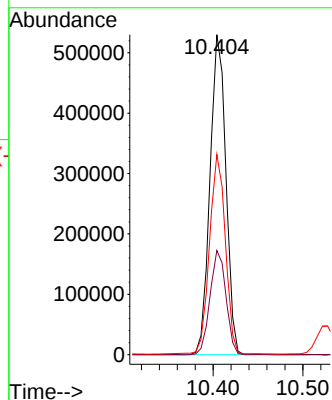
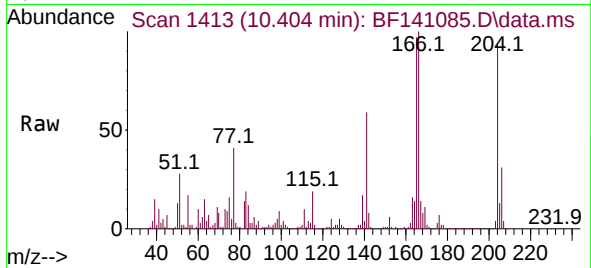




#61
4-Chlorophenyl-phenylether
Concen: 53.492 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

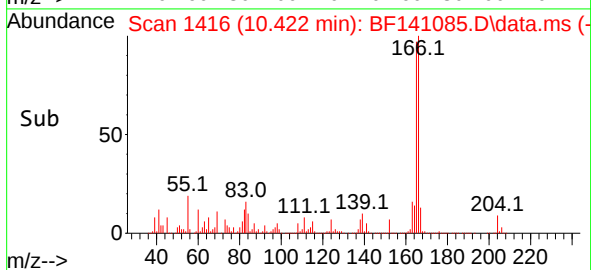
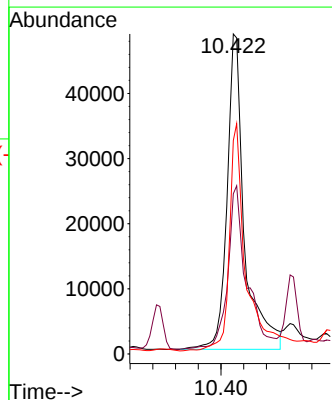
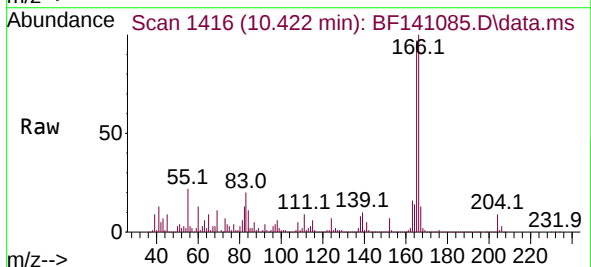
Instrument :
BNA_F
ClientSampleId :
HT2651MSD

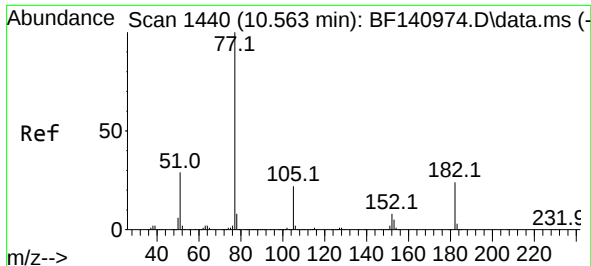
Tgt Ion:204 Resp: 650579
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 62.5 51.2 76.8



#62
4-Nitroaniline
Concen: 19.787 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion:138 Resp: 103362
Ion Ratio Lower Upper
138 100
92 50.1 34.8 74.8
108 66.7 55.9 95.9

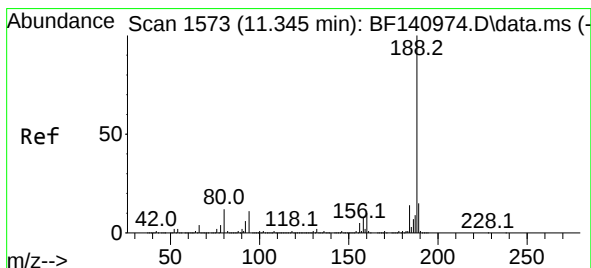
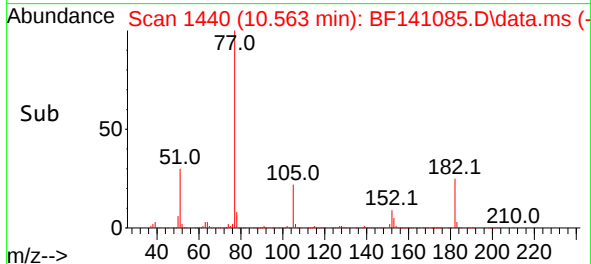
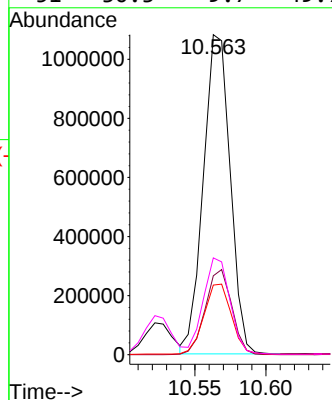
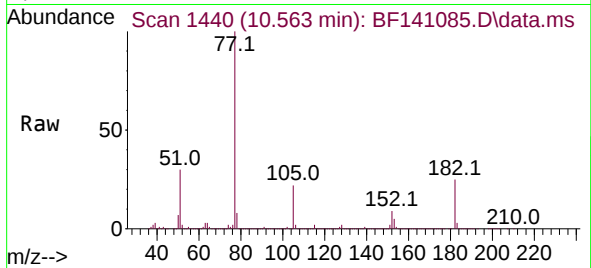




#63
Azobenzene
Concen: 51.912 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

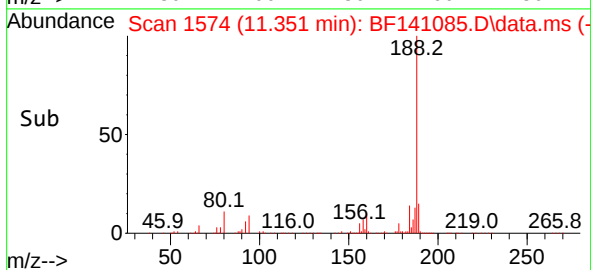
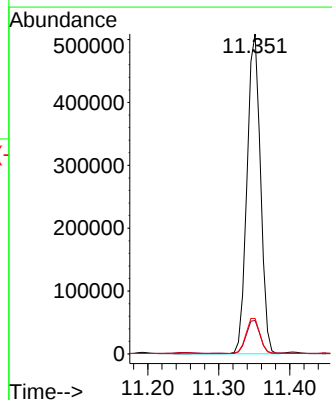
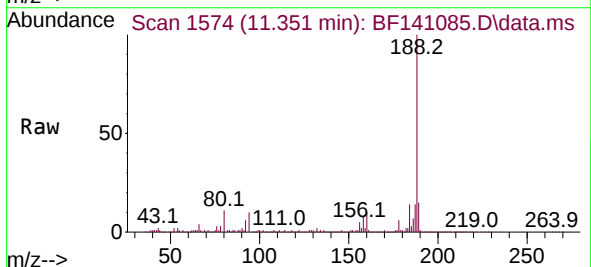
Instrument :
BNA_F
ClientSampleId :
HT2651MSD

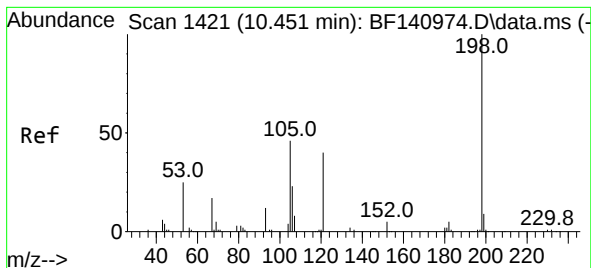
Tgt Ion: 77 Resp: 1419974
Ion Ratio Lower Upper
77 100
182 24.7 4.1 44.1
105 21.7 1.8 41.8
51 30.3 9.7 49.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1574
Delta R.T. 0.006 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion: 188 Resp: 669996
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.6
80 11.1 9.8 14.6

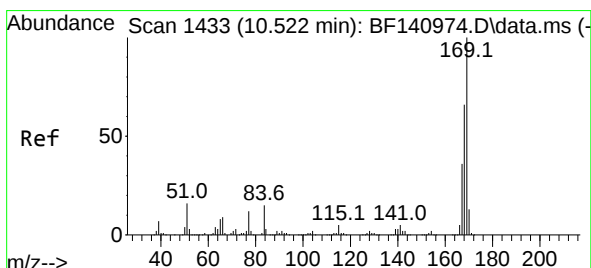
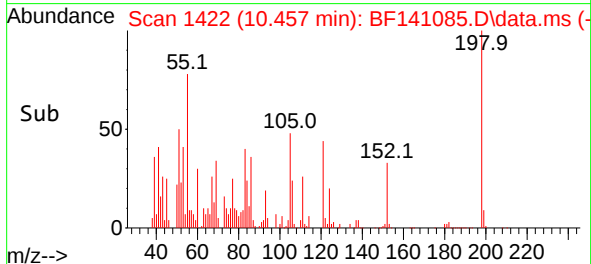
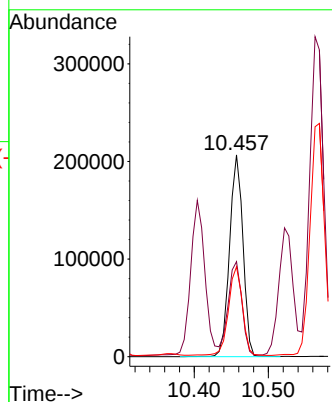
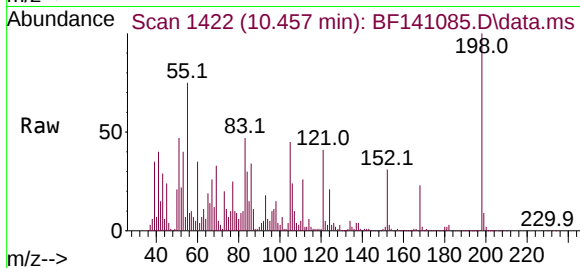




#65
4,6-Dinitro-2-methylphenol
Concen: 87.437 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

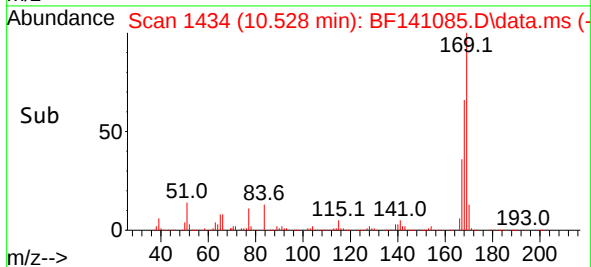
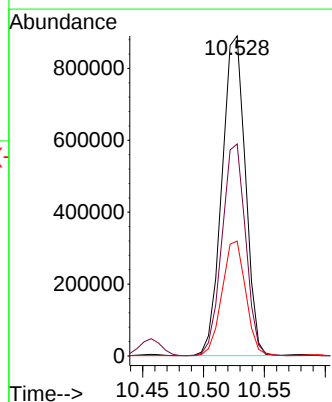
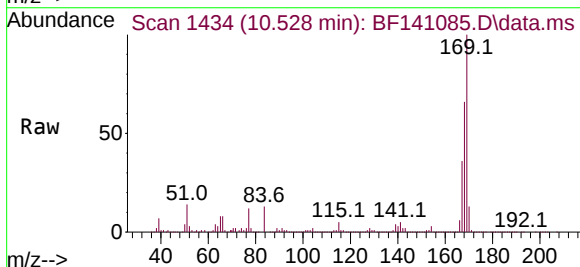
Instrument :
BNA_F
ClientSampleId :
HT2651MSD

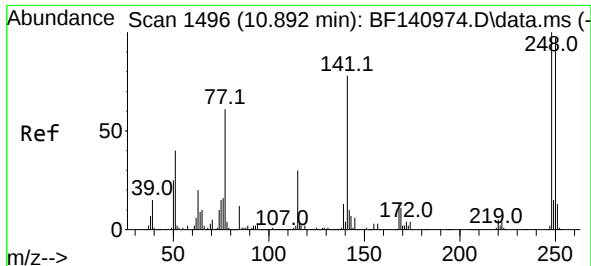
Tgt Ion:198 Resp: 259036
Ion Ratio Lower Upper
198 100
51 47.1 32.3 72.3
105 44.6 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 56.569 ng
RT: 10.528 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion:169 Resp: 1193490
Ion Ratio Lower Upper
169 100
168 66.3 52.6 79.0
167 35.9 29.0 43.4

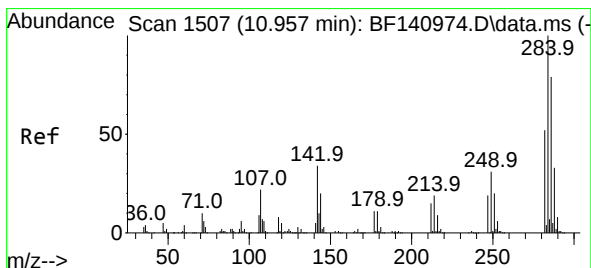
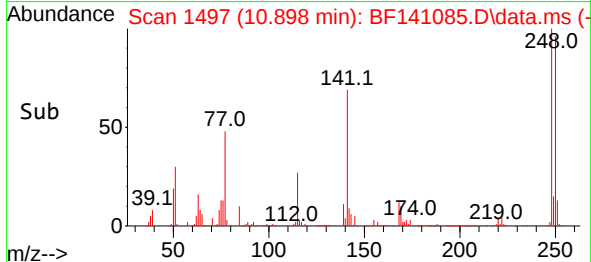
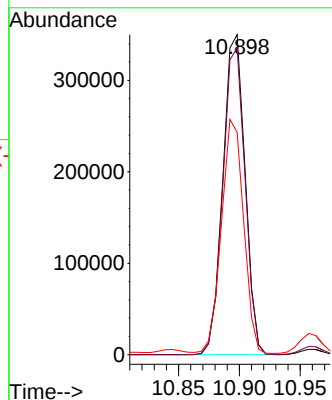
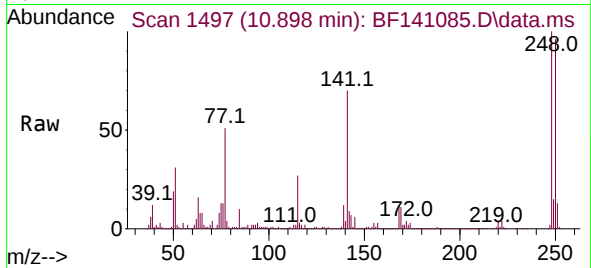




#67
4-Bromophenyl-phenylether
Concen: 61.316 ng
RT: 10.898 min Scan# 1497
Delta R.T. 0.006 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

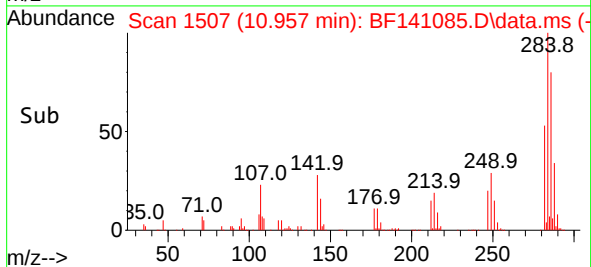
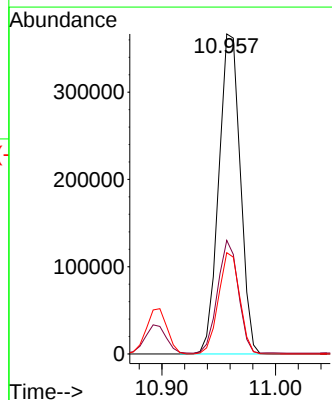
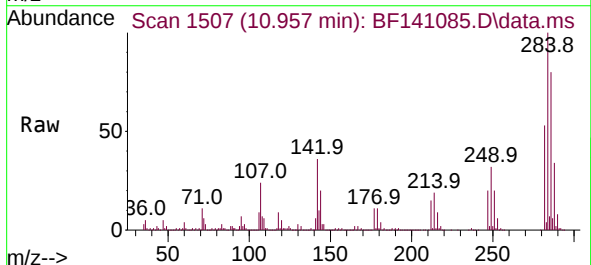
Instrument :
BNA_F
ClientSampleId :
HT2651MSD

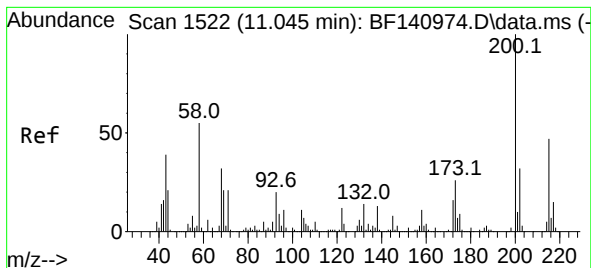
Tgt Ion:248 Resp: 444099
Ion Ratio Lower Upper
248 100
250 95.9 77.7 116.5
141 69.5 62.1 93.1



#68
Hexachlorobenzene
Concen: 60.469 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion:284 Resp: 482921
Ion Ratio Lower Upper
284 100
142 35.5 27.1 40.7
249 31.7 25.1 37.7





#69

Atrazine

Concen: 60.617 ng

RT: 11.063 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

Instrument :

BNA_F

ClientSampleId :

HT2651MSD

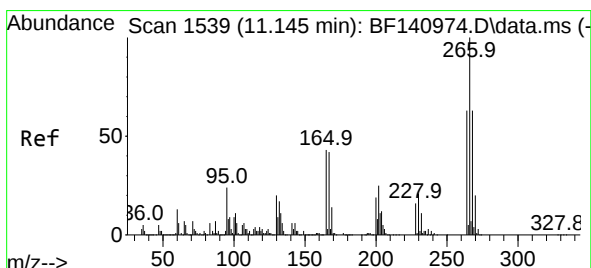
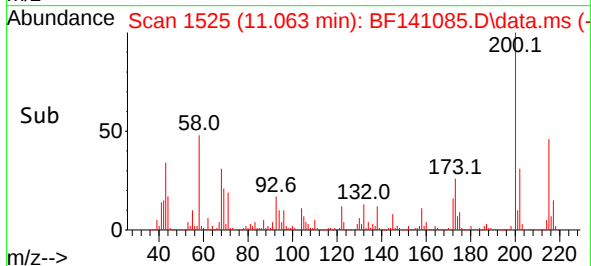
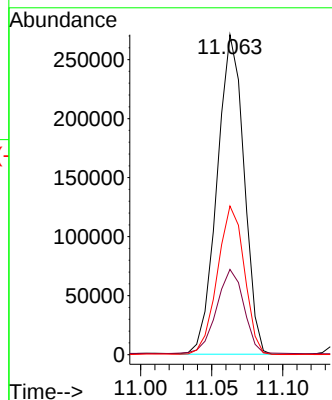
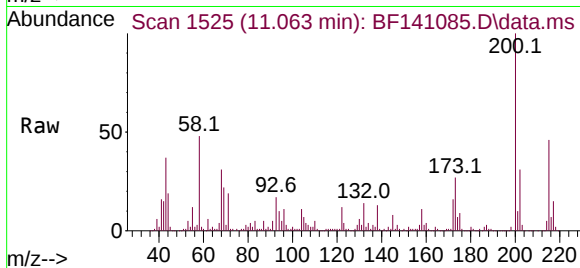
Tgt Ion:200 Resp: 357285

Ion Ratio Lower Upper

200 100

173 26.6 6.4 46.4

215 46.4 27.2 67.2



#70

Pentachlorophenol

Concen: 123.534 ng

RT: 11.157 min Scan# 1541

Delta R.T. 0.012 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

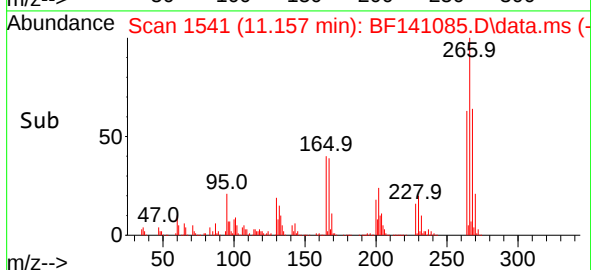
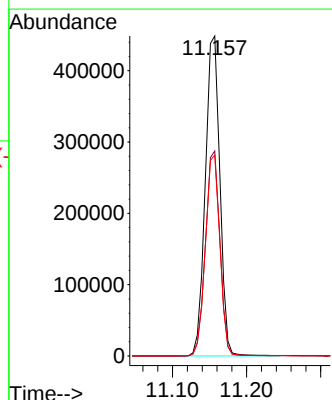
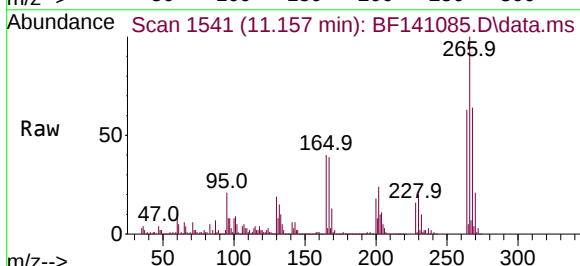
Tgt Ion:266 Resp: 614249

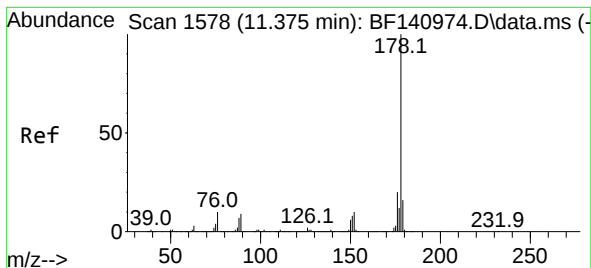
Ion Ratio Lower Upper

266 100

268 64.0 50.5 75.7

264 62.8 50.2 75.4





#71

Phenanthrene

Concen: 57.320 ng

RT: 11.375 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

Instrument :

BNA_F

ClientSampleId :

HT2651MSD

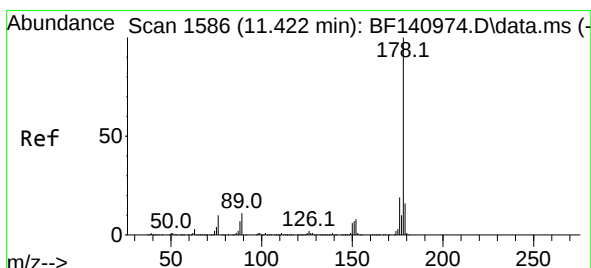
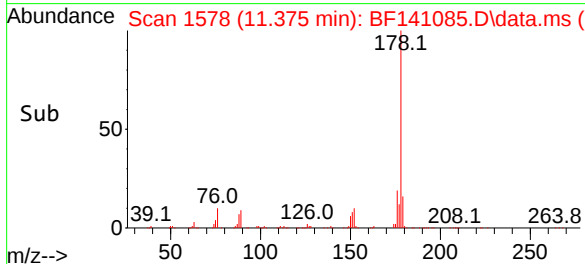
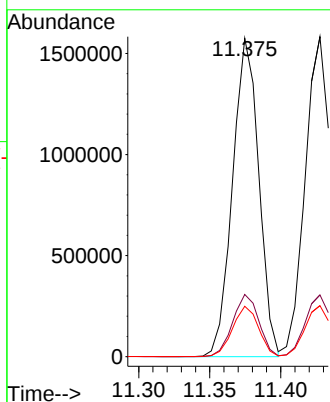
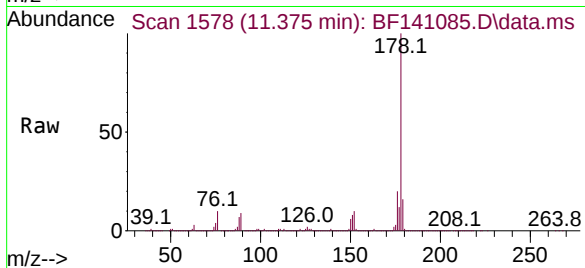
Tgt Ion:178 Resp: 2021254

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

179 15.8 12.6 19.0



#72

Anthracene

Concen: 57.818 ng

RT: 11.428 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

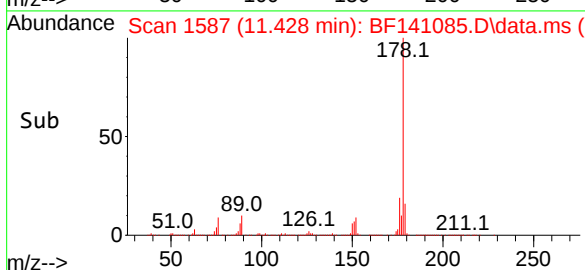
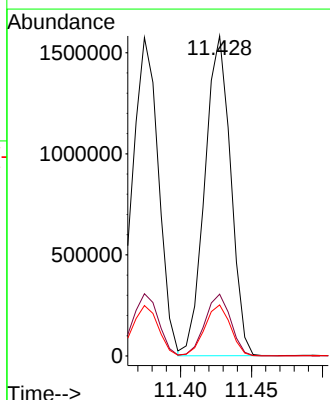
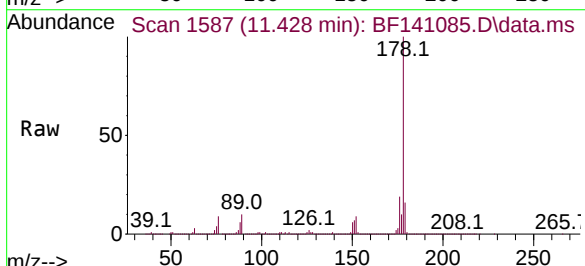
Tgt Ion:178 Resp: 1997770

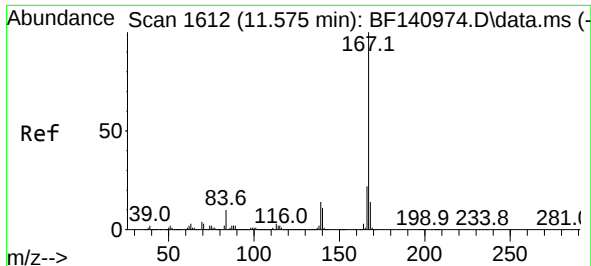
Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.9 12.9 19.3

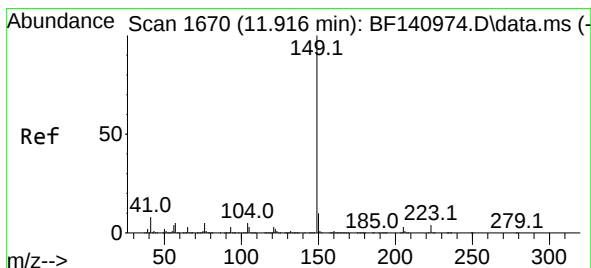
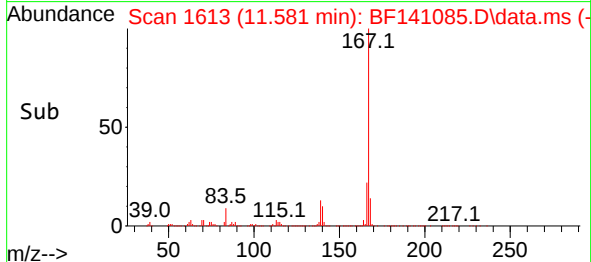
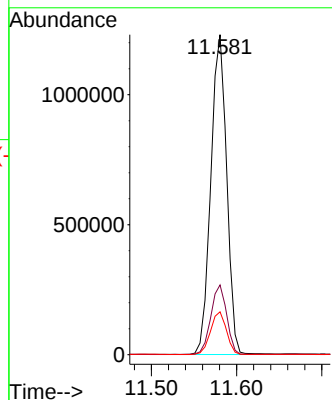
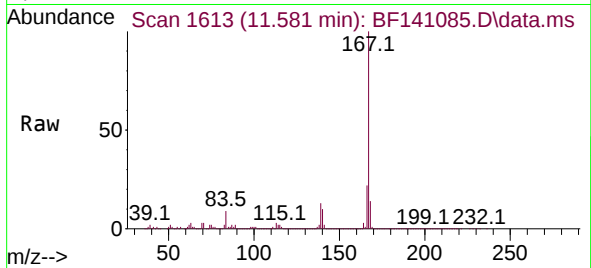




#73
Carbazole
Concen: 47.881 ng
RT: 11.581 min Scan# 1613
Delta R.T. 0.006 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

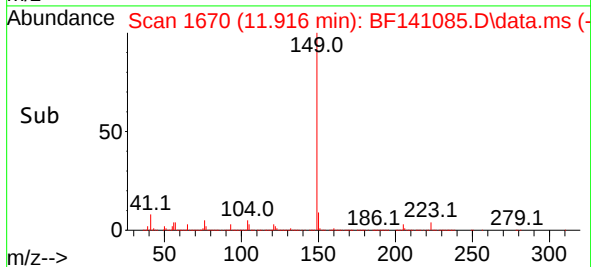
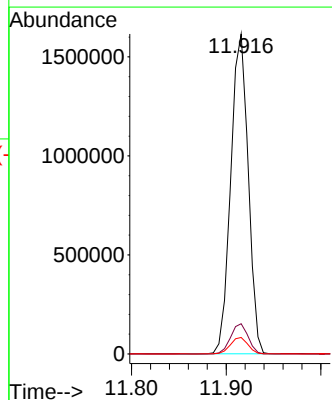
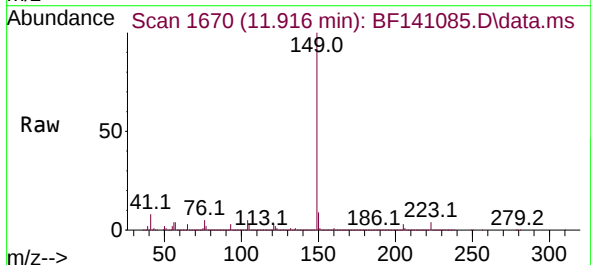
Instrument :
BNA_F
ClientSampleId :
HT2651MSD

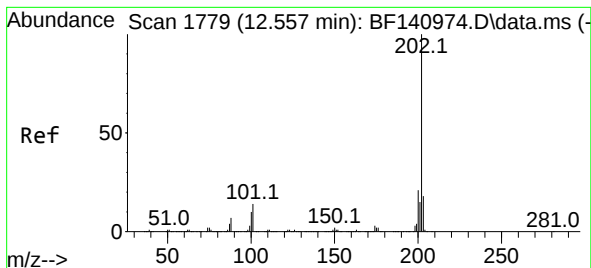
Tgt Ion:167 Resp: 1590415
Ion Ratio Lower Upper
167 100
166 21.8 17.5 26.3
139 13.4 11.0 16.4



#74
Di-n-butylphthalate
Concen: 54.551 ng
RT: 11.916 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion:149 Resp: 2060941
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 49.763 ng

RT: 12.563 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

Instrument :

BNA_F

ClientSampleId :

HT2651MSD

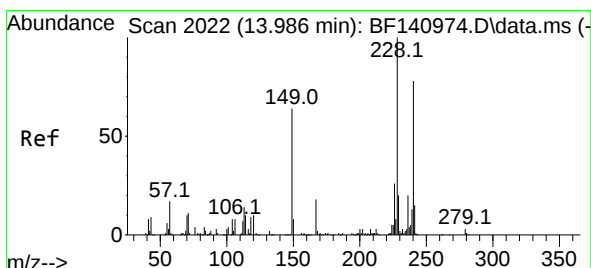
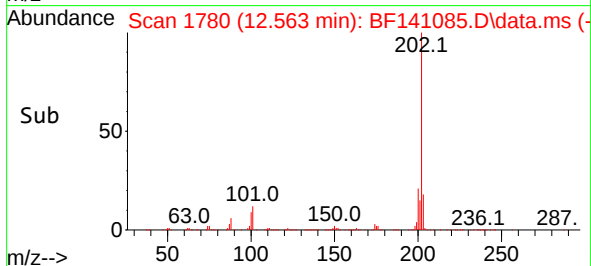
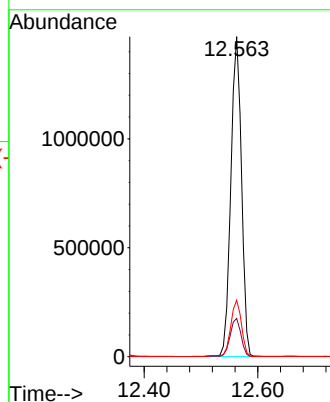
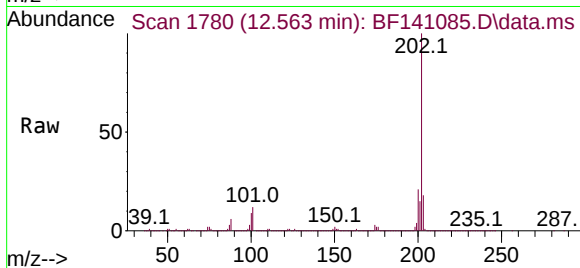
Tgt Ion:202 Resp: 1903165

Ion Ratio Lower Upper

202 100

101 12.0 0.0 33.7

203 17.7 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

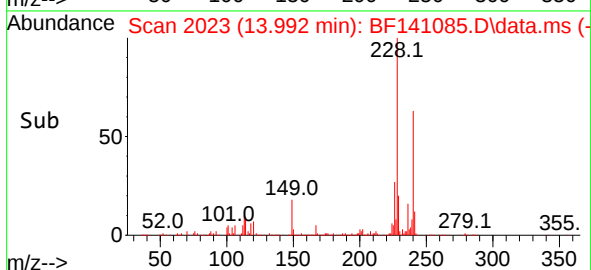
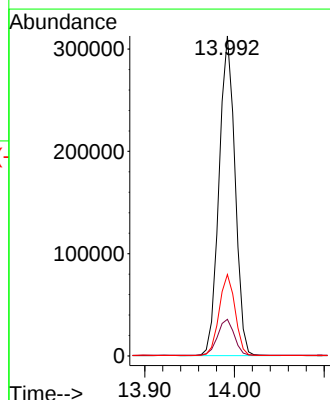
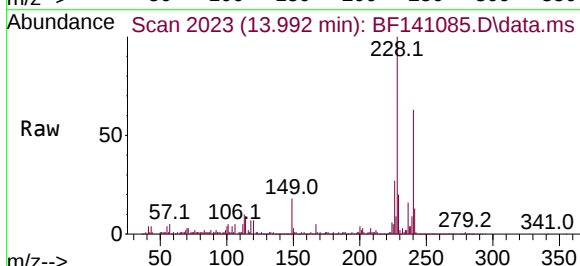
Tgt Ion:240 Resp: 386475

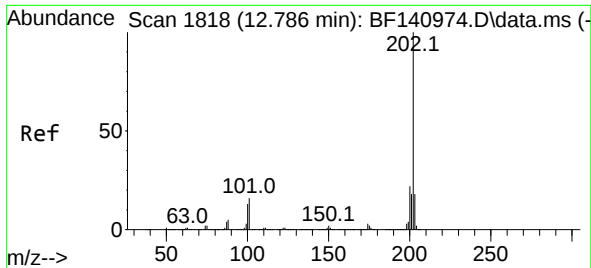
Ion Ratio Lower Upper

240 100

120 11.4 10.7 16.1

236 25.4 20.6 31.0

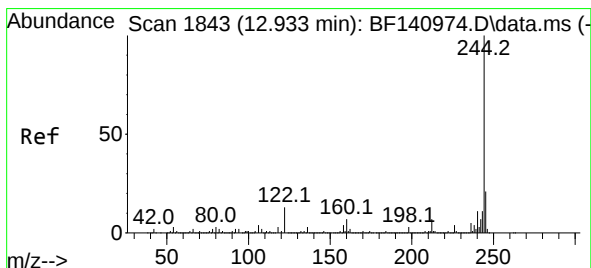
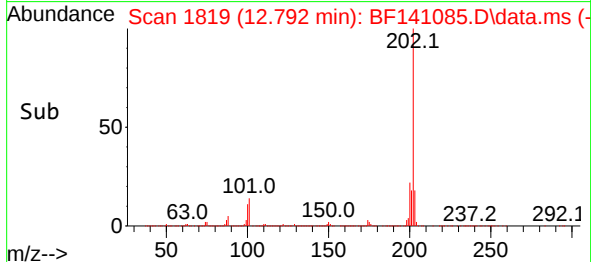
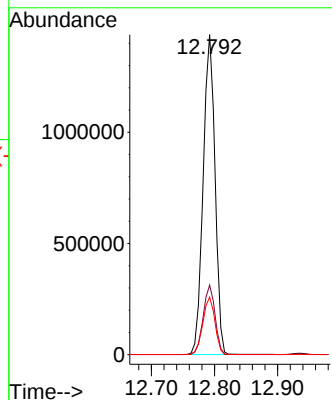
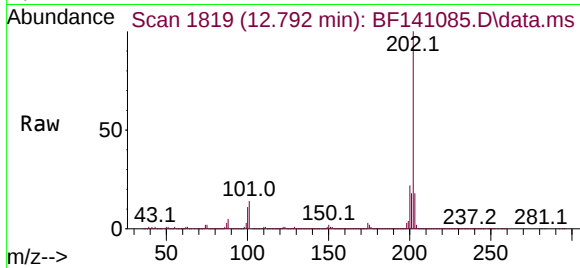




#78
 Pyrene
 Concen: 55.385 ng
 RT: 12.792 min Scan# 1819
 Delta R.T. 0.006 min
 Lab File: BF141085.D
 Acq: 08 Jan 2025 15:52

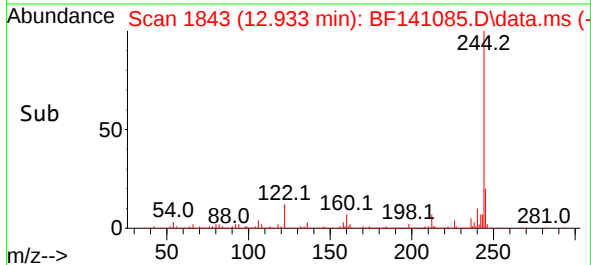
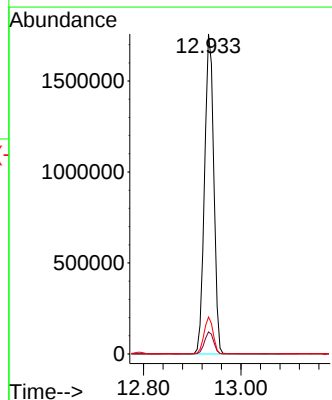
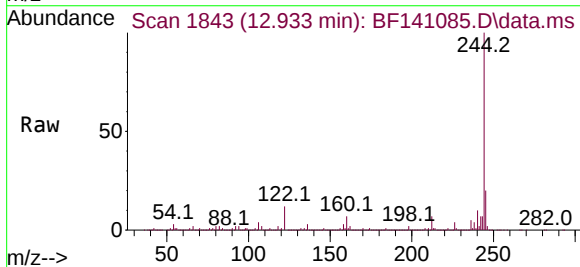
Instrument :
 BNA_F
 ClientSampleId :
 HT2651MSD

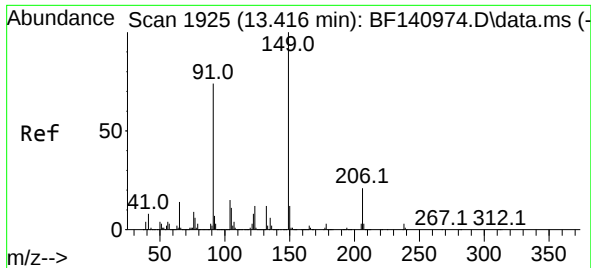
Tgt Ion:202 Resp: 1872012
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.3 25.9
 203 18.0 14.6 21.8



#79
 Terphenyl-d14
 Concen: 98.903 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. 0.000 min
 Lab File: BF141085.D
 Acq: 08 Jan 2025 15:52

Tgt Ion:244 Resp: 2301251
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 11.6 10.2 15.2

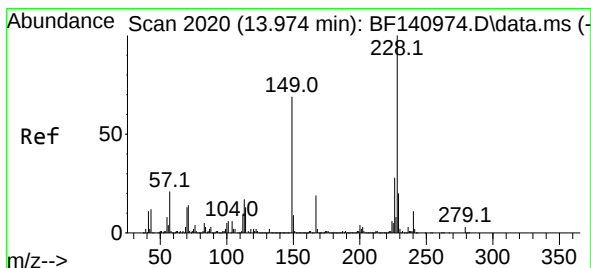
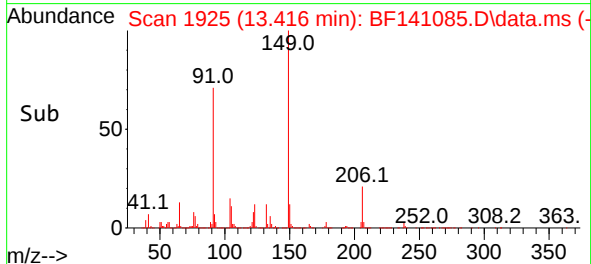
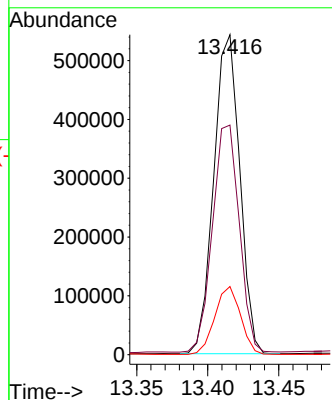
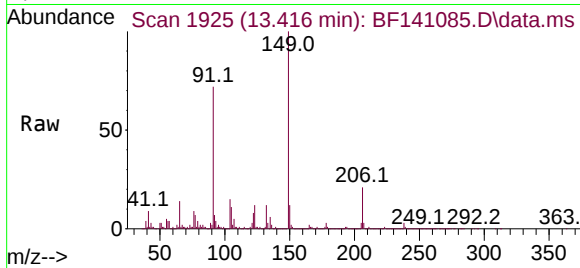




#80
Butylbenzylphthalate
Concen: 56.133 ng
RT: 13.416 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

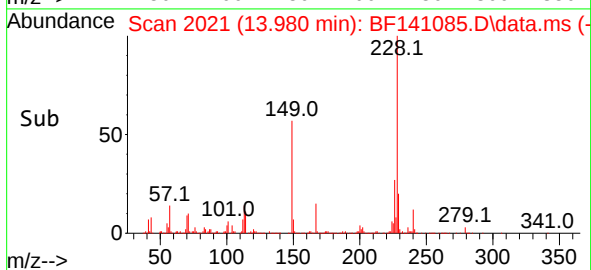
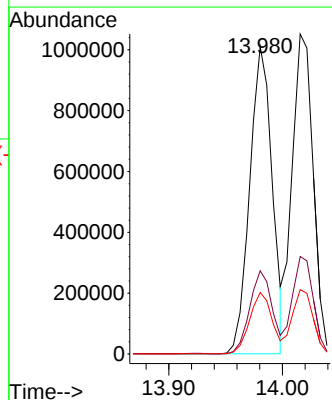
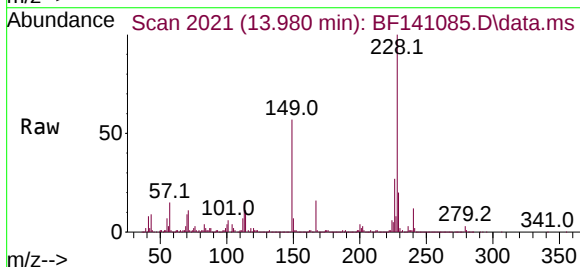
Instrument :
BNA_F
ClientSampleId :
HT2651MSD

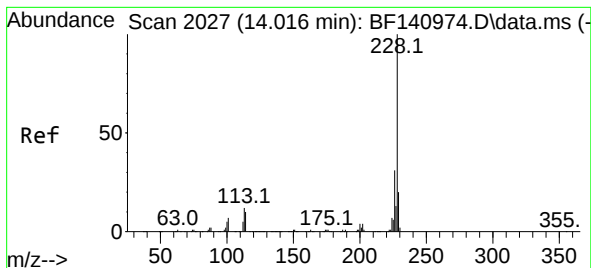
Tgt Ion:149 Resp: 692806
Ion Ratio Lower Upper
149 100
91 71.8 59.5 89.3
206 21.3 17.1 25.7



#81
Benzo(a)anthracene
Concen: 51.549 ng
RT: 13.980 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion:228 Resp: 1388476
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 20.0 16.2 24.2





#83

Chrysene

Concen: 55.918 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

Instrument :

BNA_F

ClientSampleId :

HT2651MSD

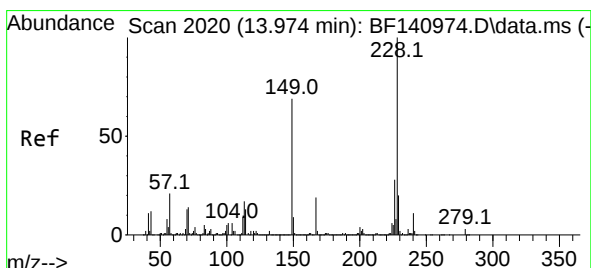
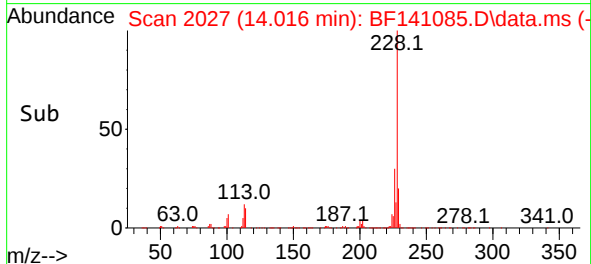
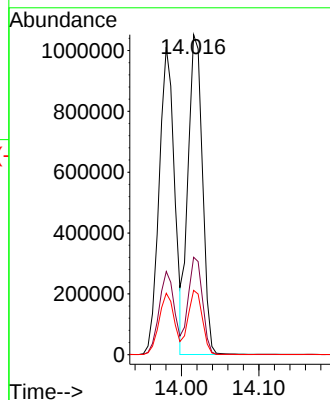
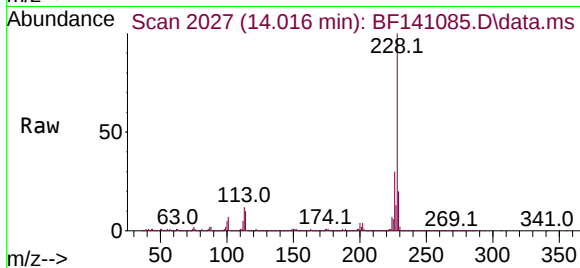
Tgt Ion:228 Resp: 1357759

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 20.1 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.647 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

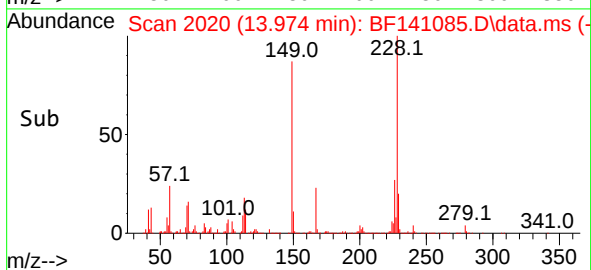
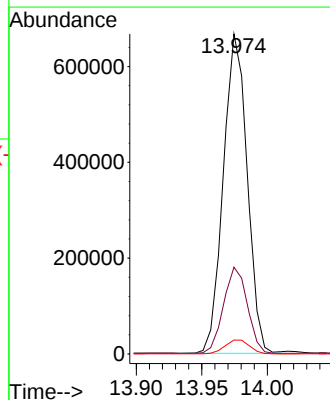
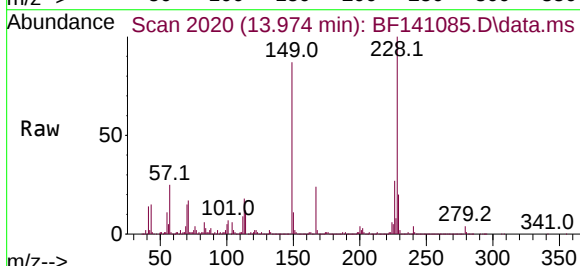
Tgt Ion:149 Resp: 842856

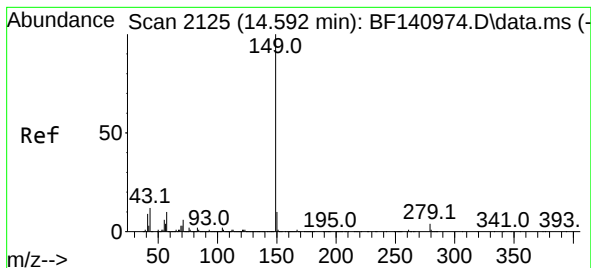
Ion Ratio Lower Upper

149 100

167 27.1 21.6 32.4

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 65.991 ng

RT: 14.592 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

Instrument :

BNA_F

ClientSampleId :

HT2651MSD

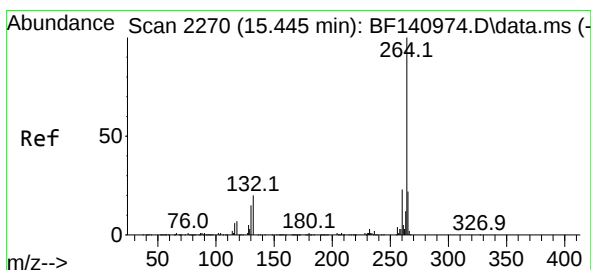
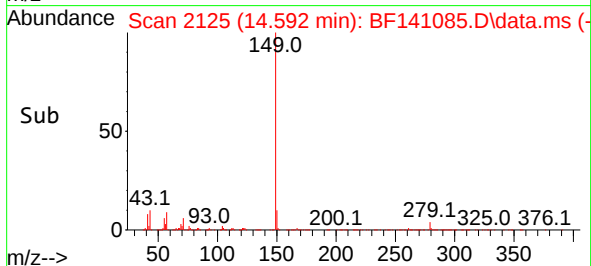
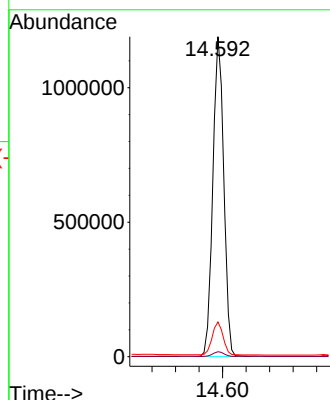
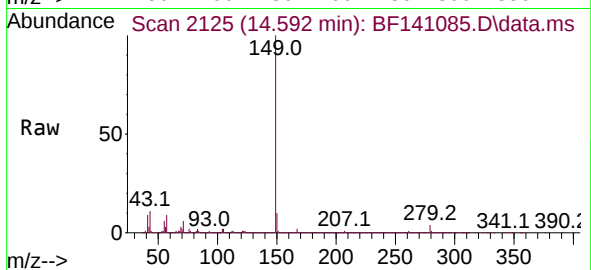
Tgt Ion:149 Resp: 1529115

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.5 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

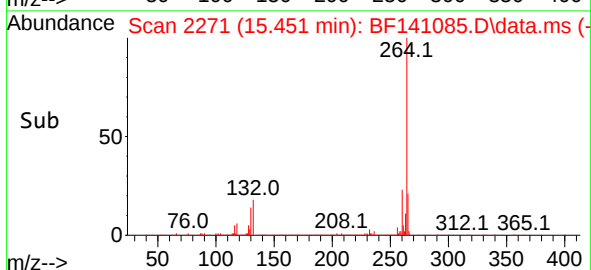
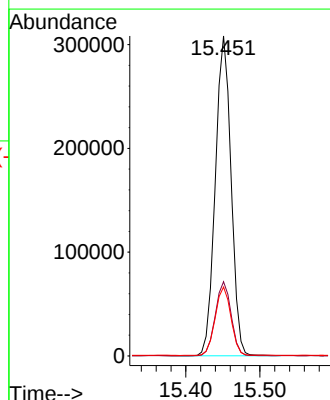
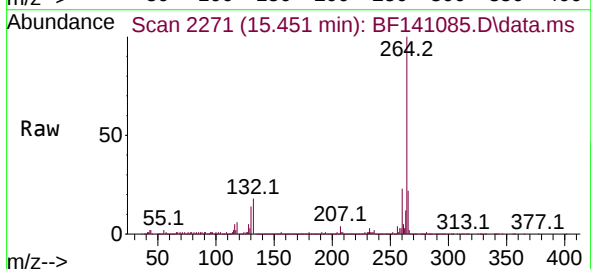
Tgt Ion:264 Resp: 454821

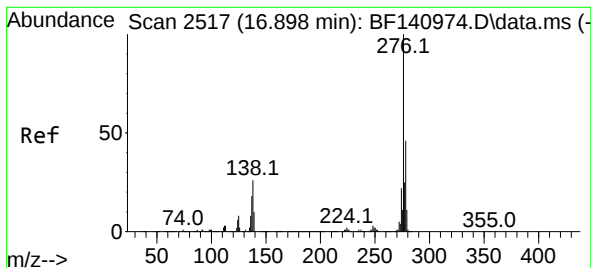
Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 64.068 ng

RT: 16.915 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

Instrument :

BNA_F

ClientSampleId :

HT2651MSD

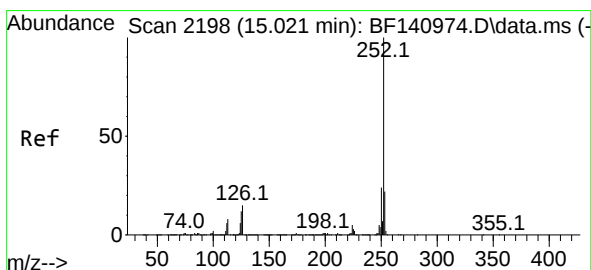
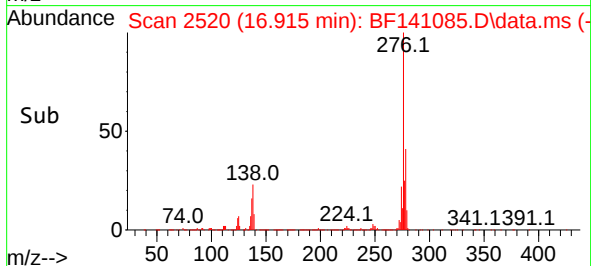
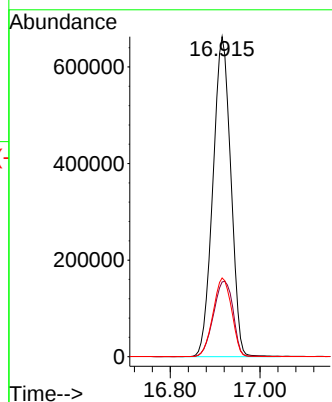
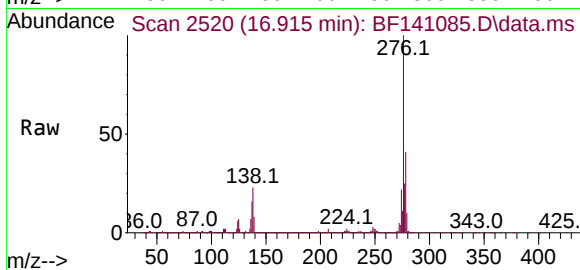
Tgt Ion:276 Resp: 1835840

Ion Ratio Lower Upper

276 100

138 25.9 23.1 34.7

277 25.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 50.192 ng

RT: 15.033 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF141085.D

Acq: 08 Jan 2025 15:52

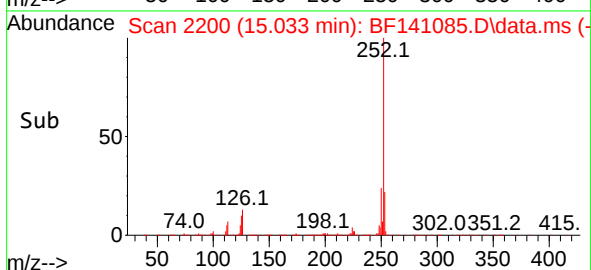
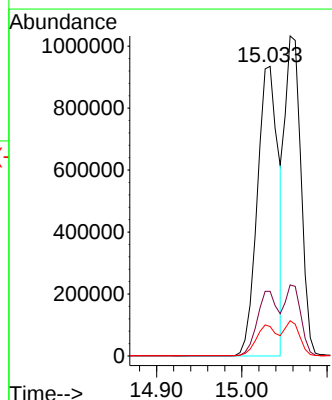
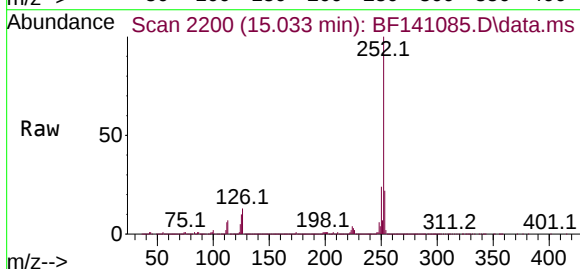
Tgt Ion:252 Resp: 1592155

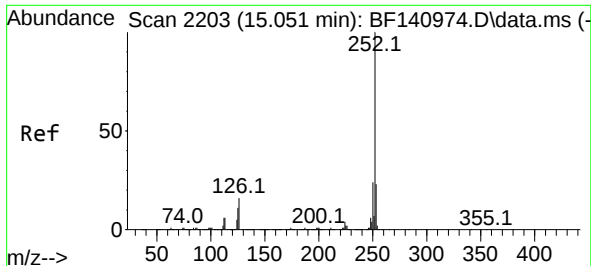
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.2 9.3 13.9

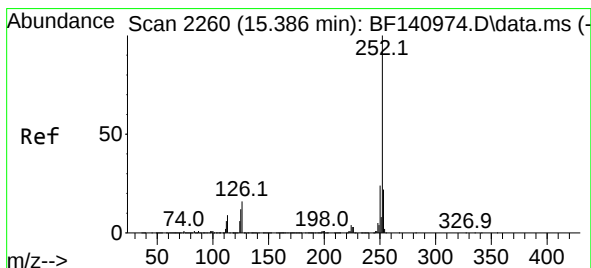
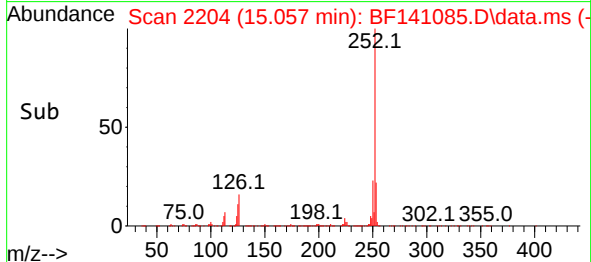
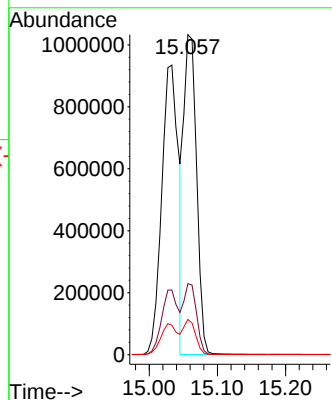
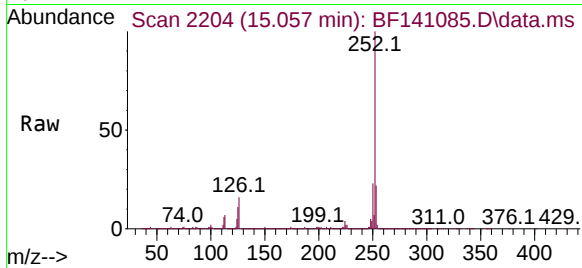




#89
Benzo(k)fluoranthene
Concen: 54.448 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

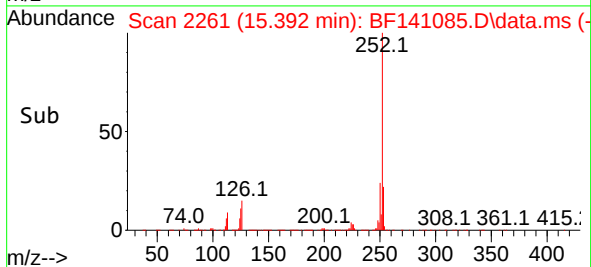
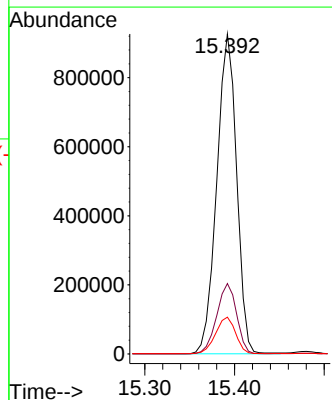
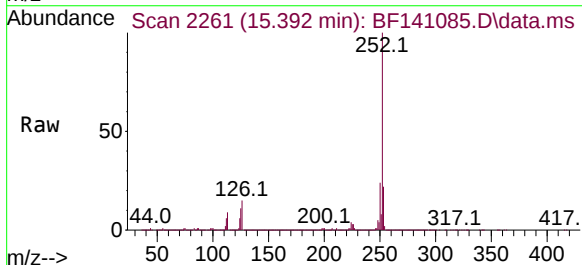
Instrument :
BNA_F
ClientSampleId :
HT2651MSD

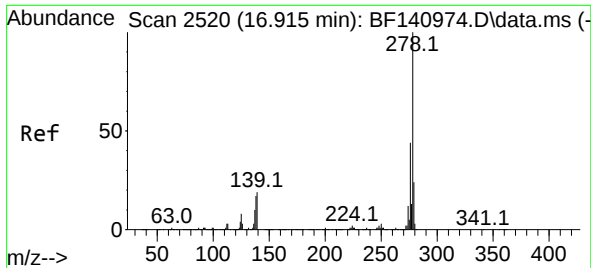
Tgt Ion:252 Resp: 1353674
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 11.0 9.4 14.0



#90
Benzo(a)pyrene
Concen: 57.750 ng
RT: 15.392 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion:252 Resp: 1421880
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 11.5 9.8 14.8

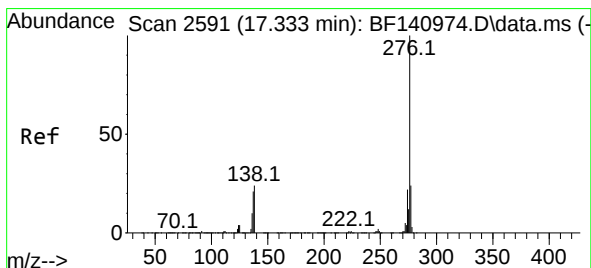
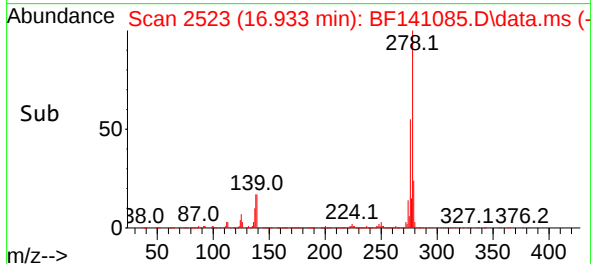
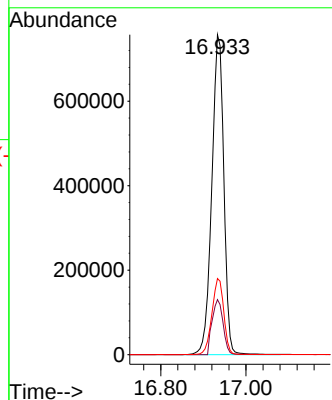
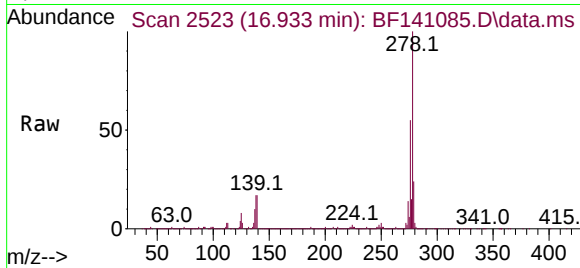




#91
Dibenzo(a,h)anthracene
Concen: 63.859 ng
RT: 16.933 min Scan# 2520
Delta R.T. 0.018 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Instrument :
BNA_F
ClientSampleId :
HT2651MSD

Tgt Ion:278 Resp: 1483311
Ion Ratio Lower Upper
278 100
139 17.2 14.9 22.3
279 23.8 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 55.626 ng
RT: 17.357 min Scan# 2595
Delta R.T. 0.024 min
Lab File: BF141085.D
Acq: 08 Jan 2025 15:52

Tgt Ion:276 Resp: 1340118
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 22.2 19.4 29.2

