

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
 Data File : BF141980.D
 Acq On : 17 Mar 2025 14:30
 Operator : RC/JU
 Sample : Q1585-01MS 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-03142025MS

Quant Time: Mar 17 15:35:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	138986	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	493410	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	238972	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	402192	20.000	ng	0.00
76) Chrysene-d12	14.045	240	316750	20.000	ng	0.00
86) Perylene-d12	15.521	264	247894	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	385727	46.319	ng	0.00
7) Phenol-d6	6.504	99	464515	43.810	ng	0.00
23) Nitrobenzene-d5	7.440	82	291625	33.261	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	136315	44.964	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	575675	36.636	ng	0.00
79) Terphenyl-d14	12.986	244	672453	31.387	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	81983	23.495	ng	98
3) Pyridine	3.452	79	167175	19.532	ng	98
4) n-Nitrosodimethylamine	3.381	42	90321	22.137	ng	99
6) Aniline	6.540	93	116059	11.096	ng	99
8) 2-Chlorophenol	6.663	128	204974	22.193	ng	99
9) Benzaldehyde	6.428	77	56854	9.588	ng	97
10) Phenol	6.516	94	239157	21.440	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	188562	22.513	ng	98
12) 1,3-Dichlorobenzene	6.822	146	227613	22.827	ng	98
13) 1,4-Dichlorobenzene	6.898	146	228363	22.635	ng	99
14) 1,2-Dichlorobenzene	7.051	146	215726	22.702	ng	99
15) Benzyl Alcohol	7.016	79	176222	20.558	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	205690	20.341	ng	99
17) 2-Methylphenol	7.128	107	154631	21.057	ng	99
18) Hexachloroethane	7.393	117	81405	21.517	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	140789	20.665	ng	100
20) 3+4-Methylphenols	7.281	107	198449	21.098	ng	# 73
22) Acetophenone	7.287	105	308907	26.143	ng	99
24) Nitrobenzene	7.457	77	200900	23.049	ng	99
25) Isophorone	7.698	82	365609	23.590	ng	99
26) 2-Nitrophenol	7.775	139	92364	21.591	ng	99
27) 2,4-Dimethylphenol	7.810	122	162808	27.639	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	221519	22.788	ng	99
29) 2,4-Dichlorophenol	8.016	162	158783	21.717	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	182835	22.691	ng	98
31) Naphthalene	8.187	128	572869	22.602	ng	100
32) Benzoic acid	7.893	122	112548	21.736	ng	99
33) 4-Chloroaniline	8.228	127	72772	8.133	ng	99
34) Hexachlorobutadiene	8.298	225	126143	24.006	ng	99
35) Caprolactam	8.575	113	51580	23.139	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	160103	19.630	ng	98
37) 2-Methylnaphthalene	8.875	142	354626	20.933	ng	100
38) 1-Methylnaphthalene	8.975	142	346641	21.204	ng	99
40) 1,2,4,5-Tetrachloroben...	9.040	216	196214	26.968	ng	99
41) Hexachlorocyclopentadiene	9.028	237	89081	31.285	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	110558	23.251	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	113013	23.467	ng	99
46) 1,1'-Biphenyl	9.334	154	488892	26.925	ng	99
47) 2-Chloronaphthalene	9.363	162	318869	23.561	ng	98
48) 2-Nitroaniline	9.451	65	93476	23.855	ng	98
49) Acenaphthylene	9.775	152	529391	26.360	ng	100
50) Dimethylphthalate	9.634	163	400627	23.940	ng	99
51) 2,6-Dinitrotoluene	9.692	165	77976	22.379	ng	97
52) Acenaphthene	9.951	154	335924	23.801	ng	100
53) 3-Nitroaniline	9.863	138	68567	19.400	ng	98
54) 2,4-Dinitrophenol	9.969	184	16055	14.017	ng	97
55) Dibenzofuran	10.122	168	465340	23.075	ng	99
56) 4-Nitrophenol	10.016	139	134101	50.312	ng	98
57) 2,4-Dinitrotoluene	10.098	165	101899	22.391	ng	97
58) Fluorene	10.463	166	397162	25.538	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	94204	21.497	ng	99
60) Diethylphthalate	10.334	149	381123	22.840	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	181796	22.422	ng	97
62) 4-Nitroaniline	10.469	138	70786	20.572	ng	98
63) Azobenzene	10.616	77	349006	22.497	ng	94
65) 4,6-Dinitro-2-methylph...	10.504	198	13669	5.701	ng	90
66) n-Nitrosodiphenylamine	10.569	169	299065	22.978	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	110273	21.832	ng	99
68) Hexachlorobenzene	11.010	284	122537	22.119	ng	99
69) Atrazine	11.098	200	118551	29.713	ng	98
70) Pentachlorophenol	11.204	266	159828	46.825	ng	99
71) Phenanthrene	11.428	178	899069	41.387	ng	99
72) Anthracene	11.481	178	602091	27.626	ng	99
73) Carbazole	11.633	167	481700	25.628	ng	99
74) Di-n-butylphthalate	11.963	149	571030	22.896	ng	99
75) Fluoranthene	12.616	202	983960	42.700	ng	100
77) Benzidine	12.733	184	164890	37.312	ng	99
78) Pyrene	12.845	202	1004516	36.662	ng	99
80) Butylbenzylphthalate	13.463	149	236626	22.065	ng	98
81) Benzo(a)anthracene	14.033	228	669134	32.193	ng	97
82) 3,3'-Dichlorobenzidine	13.992	252	130151	21.668	ng	99
83) Chrysene	14.069	228	598647	31.773	ng	98
84) Bis(2-ethylhexyl)phtha...	14.022	149	334726	22.638	ng	99
85) Di-n-octyl phthalate	14.633	149	511488	24.861	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	396395	24.719	ng	95
88) Benzo(b)fluoranthene	15.086	252	567086	33.378	ng	98
89) Benzo(k)fluoranthene	15.116	252	350299	24.093	ng	98
90) Benzo(a)pyrene	15.457	252	430507	32.384	ng	98
91) Dibenzo(a,h)anthracene	17.027	278	282448	21.348	ng	98
92) Benzo(g,h,i)perylene	17.462	276	317558	24.288	ng	97

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

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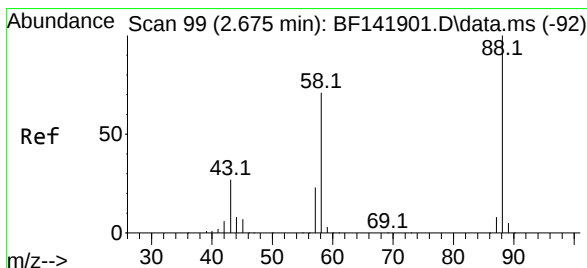
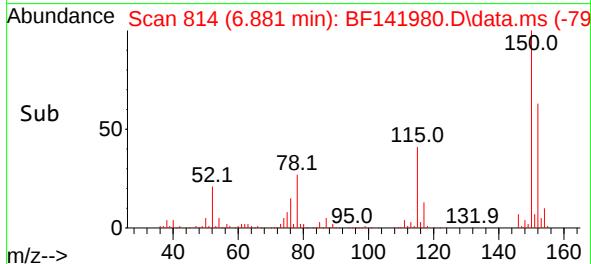
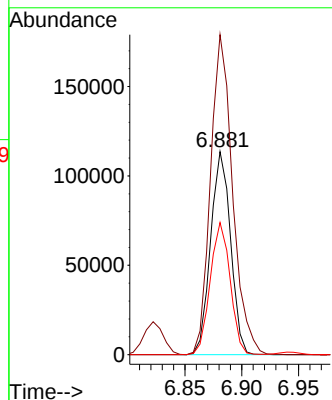
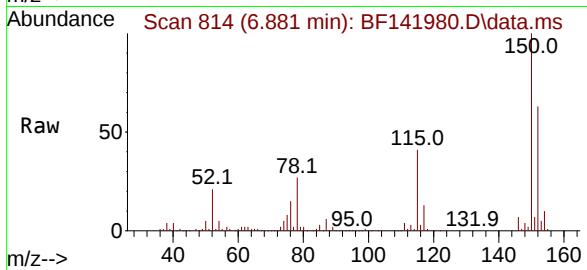




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF141980.D
 Acq: 17 Mar 2025 14:30

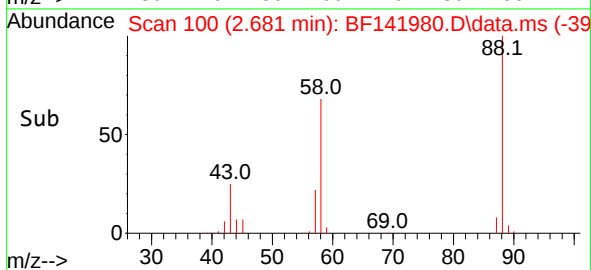
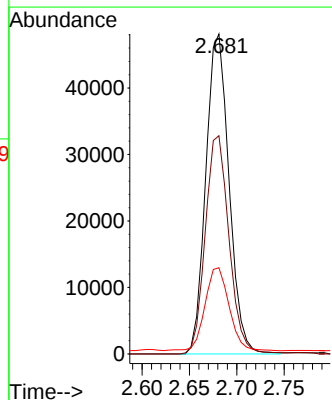
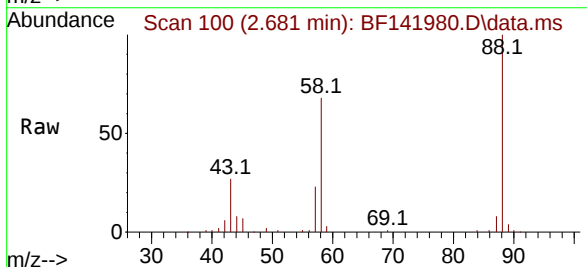
Instrument :
 BNA_F
 ClientSampleId :
 OK-02-03142025MS

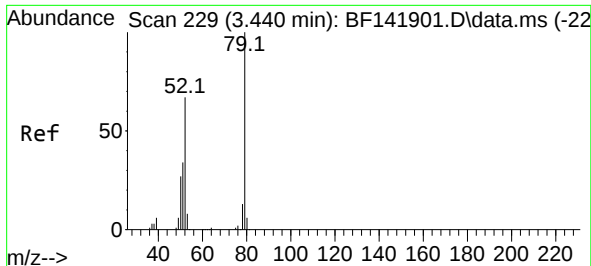
Tgt Ion:152 Resp: 138986
 Ion Ratio Lower Upper
 152 100
 150 157.5 127.4 191.2
 115 65.0 51.9 77.9



#2
 1,4-Dioxane
 Concen: 23.495 ng
 RT: 2.681 min Scan# 100
 Delta R.T. 0.006 min
 Lab File: BF141980.D
 Acq: 17 Mar 2025 14:30

Tgt Ion: 88 Resp: 81983
 Ion Ratio Lower Upper
 88 100
 58 69.9 57.4 86.2
 43 26.9 21.5 32.3

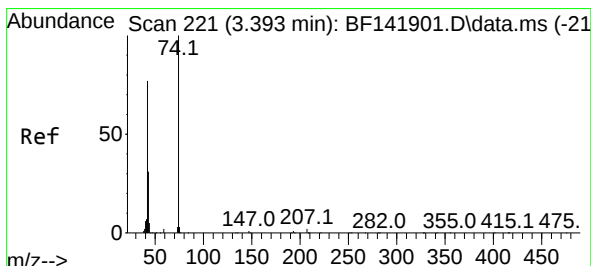
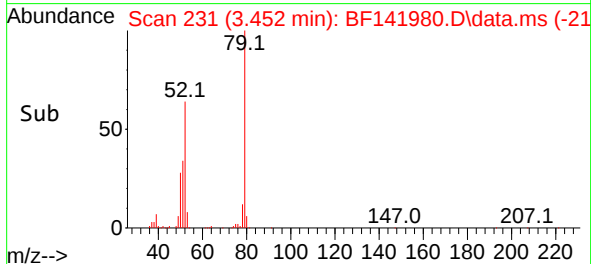
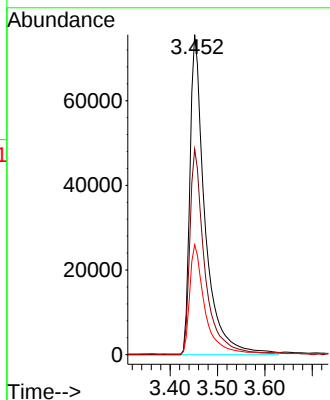
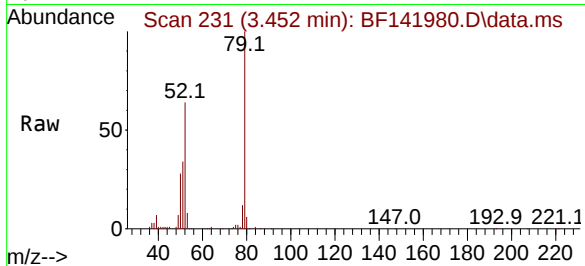




#3
Pyridine
Concen: 19.532 ng
RT: 3.452 min Scan# 219
Delta R.T. 0.012 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

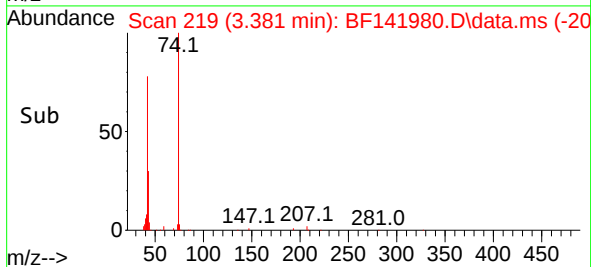
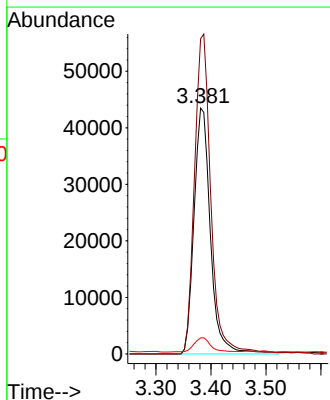
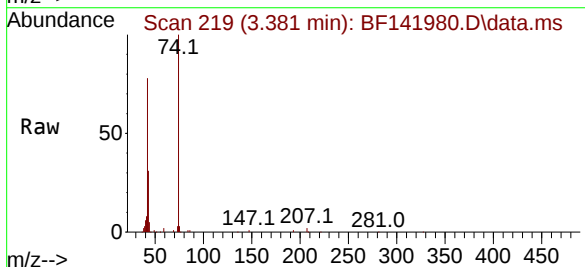
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BNA_F
ClientSampleId :
OK-02-03142025MS

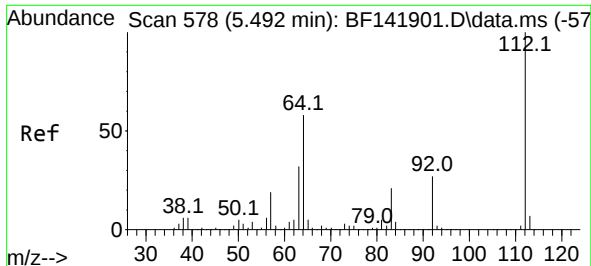
Tgt Ion: 79 Resp: 167175
Ion Ratio Lower Upper
79 100
52 64.2 53.3 79.9
51 34.4 27.6 41.4



#4
n-Nitrosodimethylamine
Concen: 22.137 ng
RT: 3.381 min Scan# 219
Delta R.T. -0.012 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion: 42 Resp: 90321
Ion Ratio Lower Upper
42 100
74 128.2 103.4 155.0
44 6.5 5.0 7.4

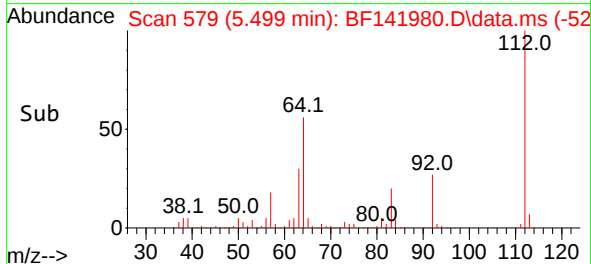
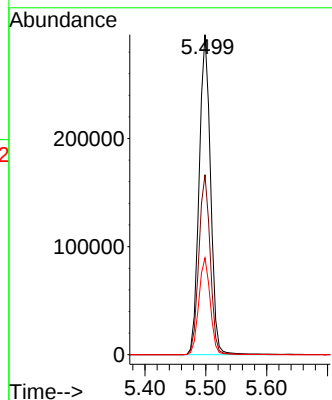
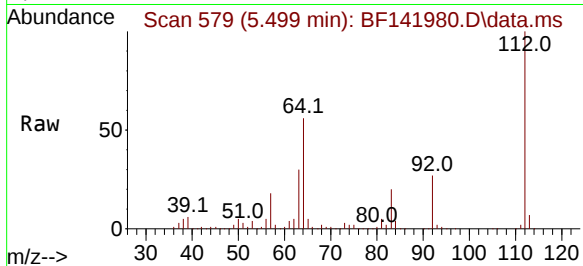




#5
2-Fluorophenol
Concen: 46.319 ng
RT: 5.499 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

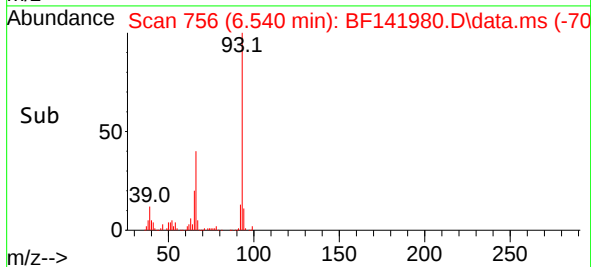
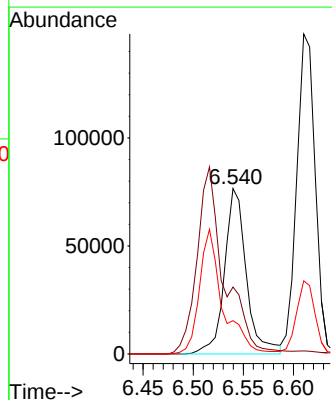
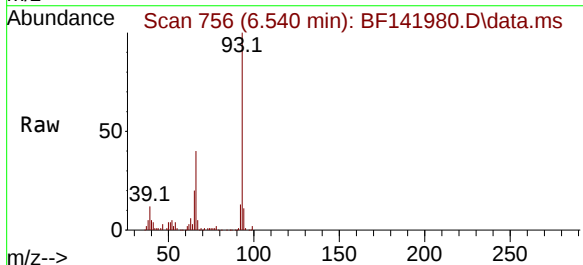
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

Tgt Ion:112 Resp: 385727
Ion Ratio Lower Upper
112 100
64 56.3 46.5 69.7
63 30.3 25.4 38.2



#6
Aniline
Concen: 11.096 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion: 93 Resp: 116059
Ion Ratio Lower Upper
93 100
66 40.4 31.9 47.9
65 20.1 15.8 23.6

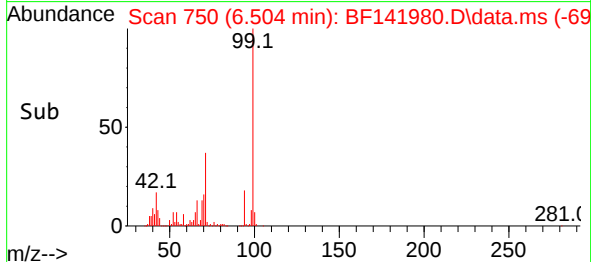
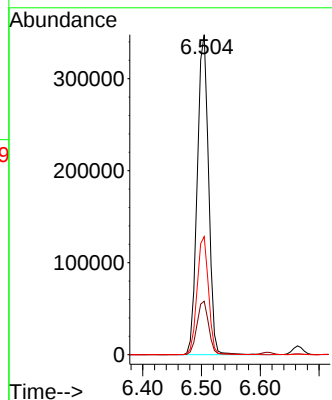
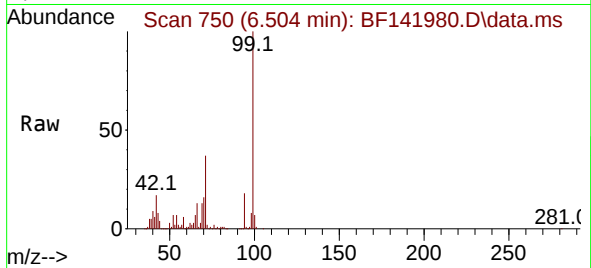




#7
Phenol-d6
Concen: 43.810 ng
RT: 6.504 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

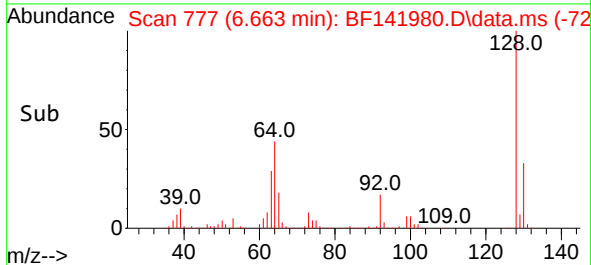
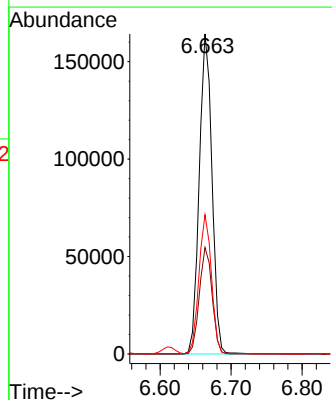
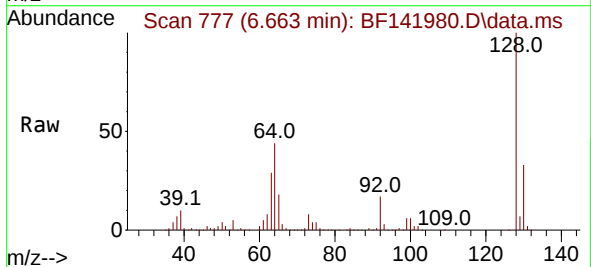
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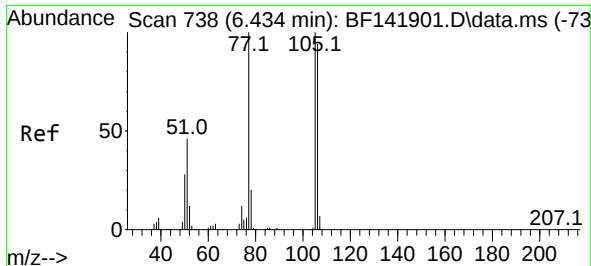
Tgt Ion: 99 Resp: 464515
Ion Ratio Lower Upper
99 100
42 16.7 14.6 21.8
71 36.9 30.8 46.2



#8
2-Chlorophenol
Concen: 22.193 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion:128 Resp: 204974
Ion Ratio Lower Upper
128 100
130 33.3 12.8 52.8
64 43.5 24.4 64.4

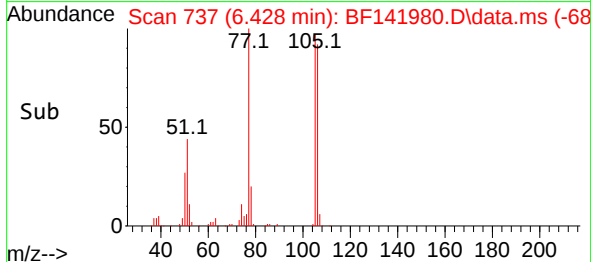
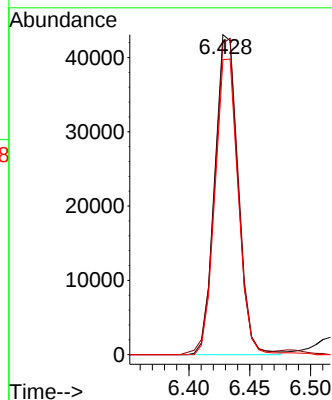
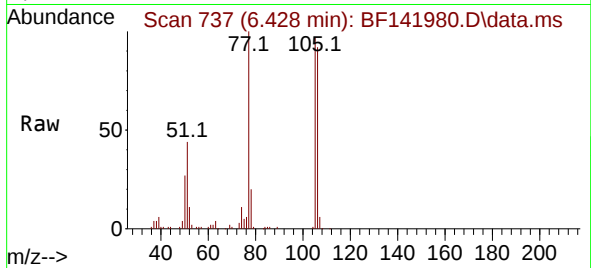




#9
Benzaldehyde
Concen: 9.588 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

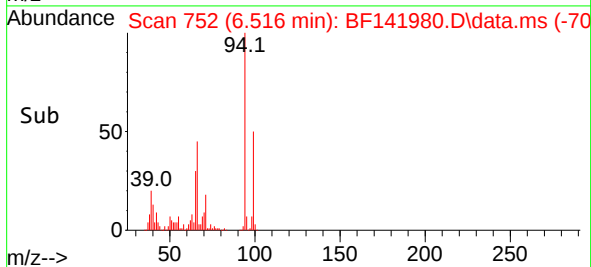
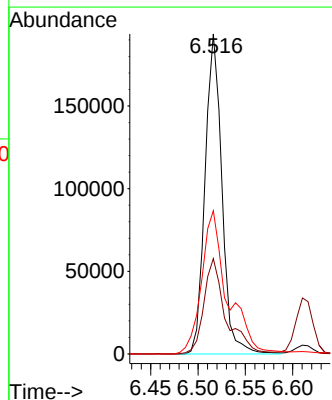
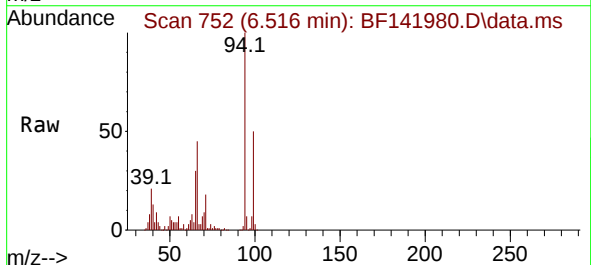
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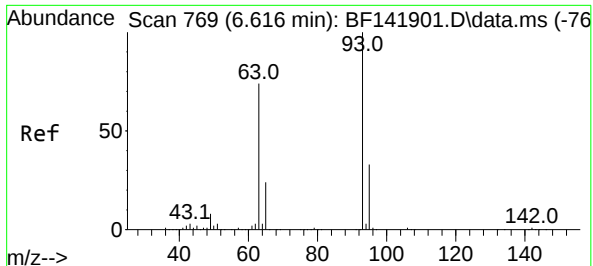
Tgt Ion: 77 Resp: 56854
Ion Ratio Lower Upper
77 100
105 97.4 80.0 120.0
106 92.2 74.5 114.5



#10
Phenol
Concen: 21.440 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion: 94 Resp: 239157
Ion Ratio Lower Upper
94 100
65 29.8 10.5 50.5
66 44.7 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 22.513 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

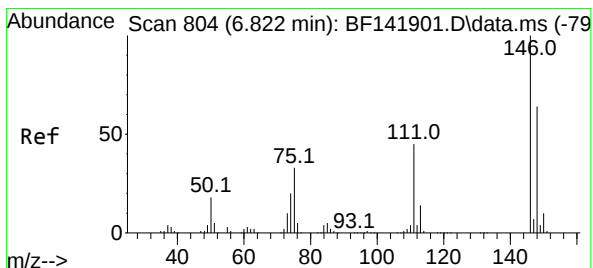
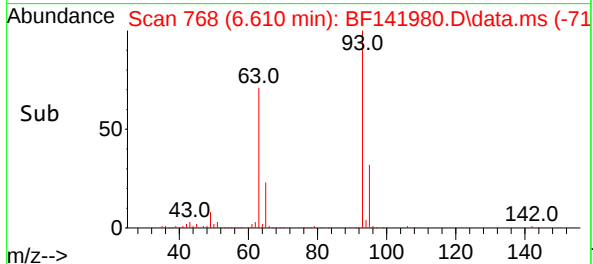
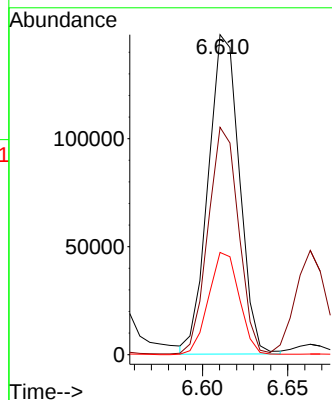
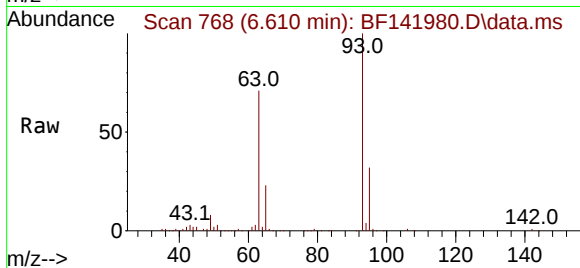
Tgt Ion: 93 Resp: 188562

Ion Ratio Lower Upper

93 100

63 71.1 53.0 93.0

95 32.0 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 22.827 ng

RT: 6.822 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

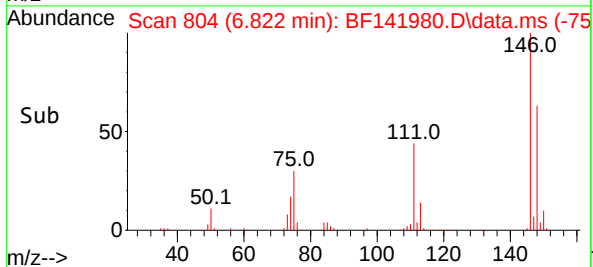
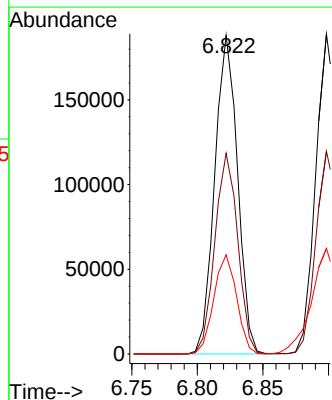
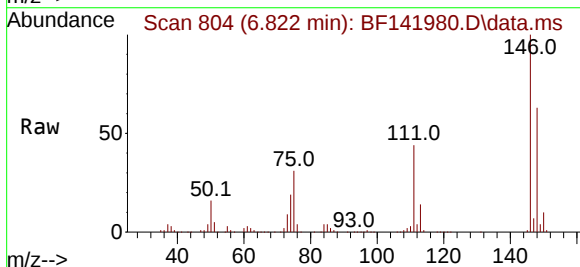
Tgt Ion: 146 Resp: 227613

Ion Ratio Lower Upper

146 100

148 63.0 51.3 76.9

75 31.2 26.6 40.0

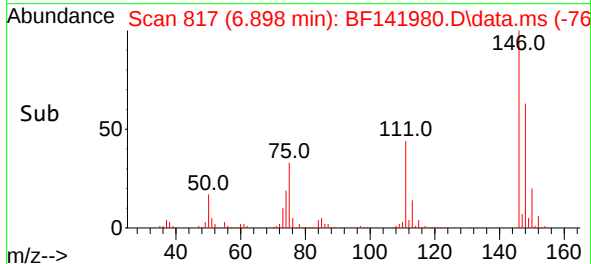
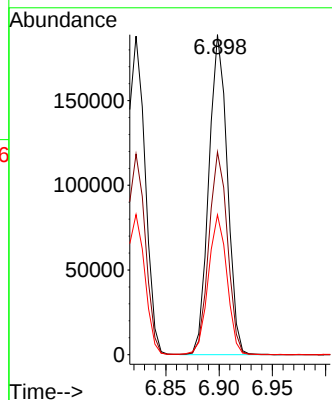
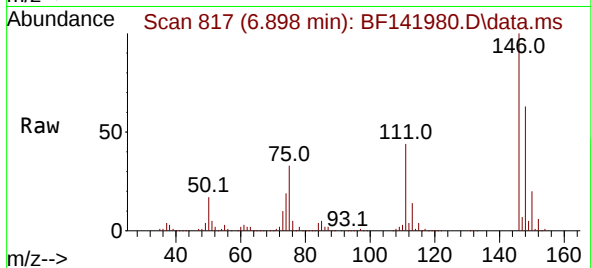




#13
1,4-Dichlorobenzene
Concen: 22.635 ng
RT: 6.898 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

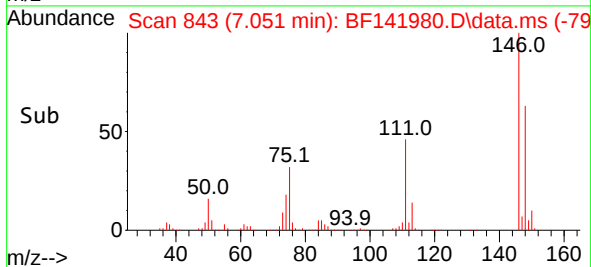
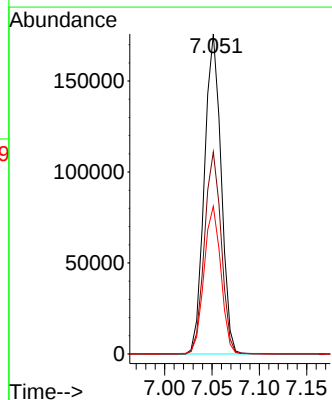
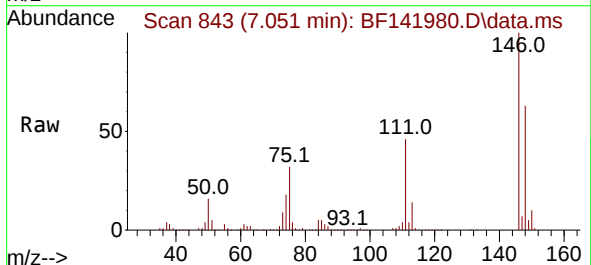
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

Tgt Ion:146 Resp: 228363
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
111 43.7 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 22.702 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion:146 Resp: 215726
Ion Ratio Lower Upper
146 100
148 63.2 50.8 76.2
111 46.2 38.0 57.0





#15

Benzyl Alcohol

Concen: 20.558 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

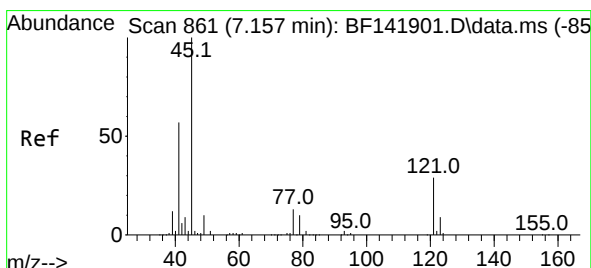
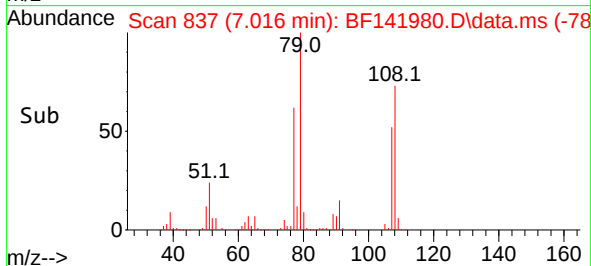
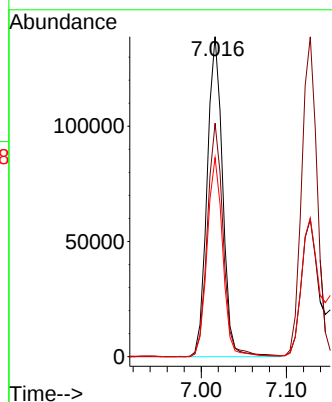
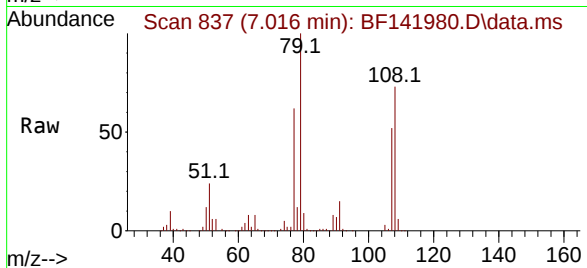
Tgt Ion: 79 Resp: 176222

Ion Ratio Lower Upper

79 100

108 73.0 59.7 89.5

77 62.2 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.341 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

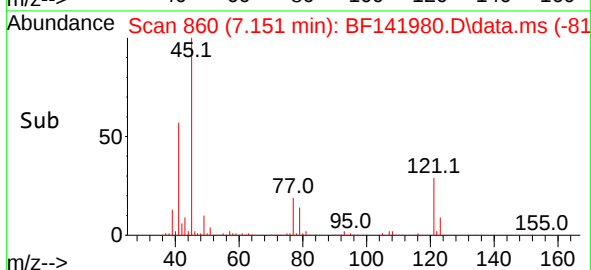
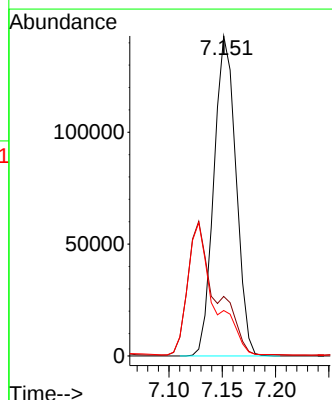
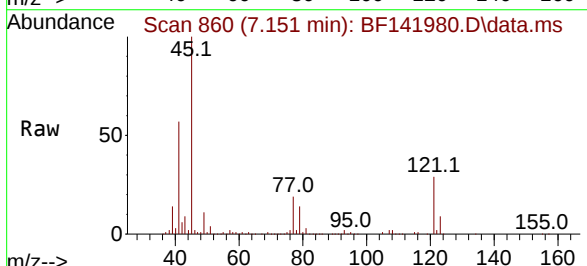
Tgt Ion: 45 Resp: 205690

Ion Ratio Lower Upper

45 100

77 18.6 0.0 37.8

79 14.2 0.0 34.2

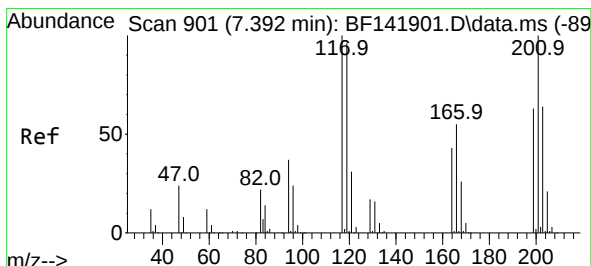
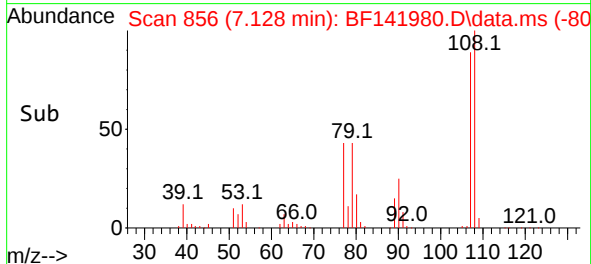
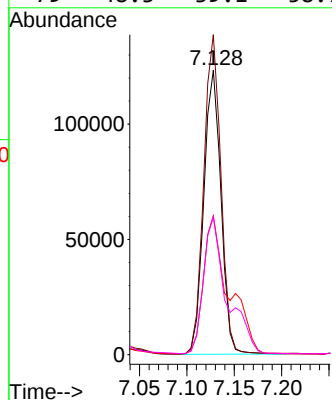
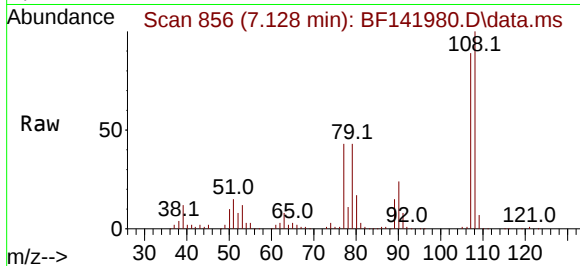




#17
2-Methylphenol
Concen: 21.057 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

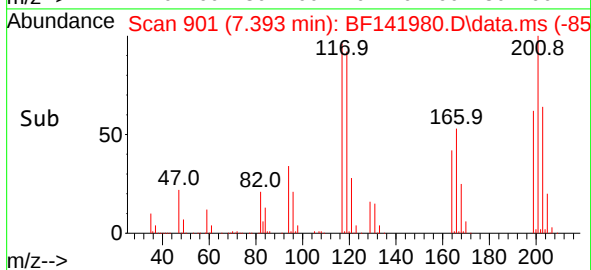
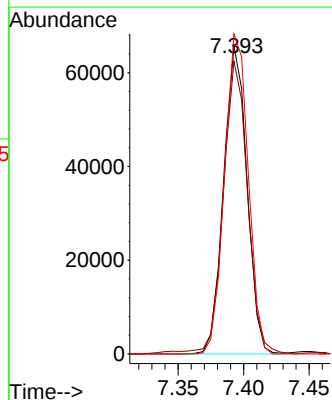
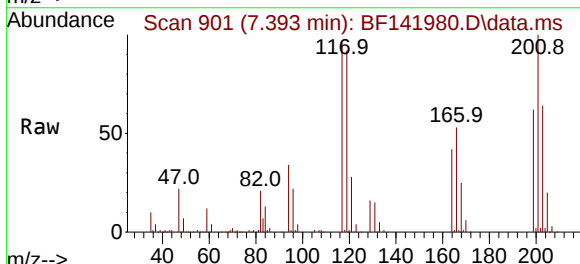
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

Tgt Ion:	107	Resp:	154631
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.2	135.2
77	48.8	39.6	59.4
79	48.3	39.1	58.7



#18
Hexachloroethane
Concen: 21.517 ng
RT: 7.393 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion:	117	Resp:	81405
Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.9	115.3
201	103.9	79.9	119.9

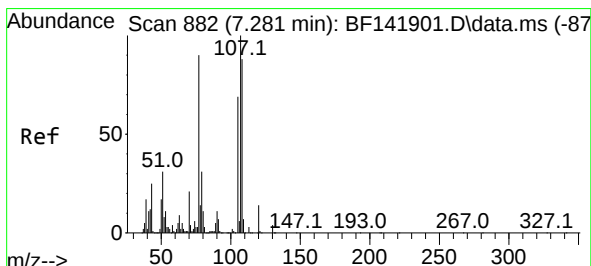
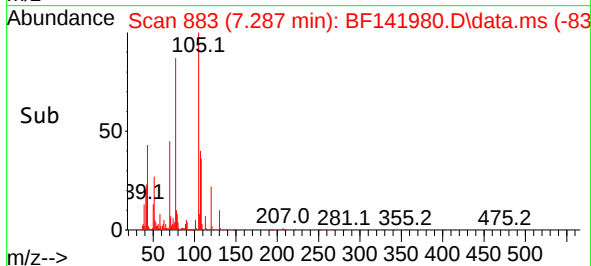
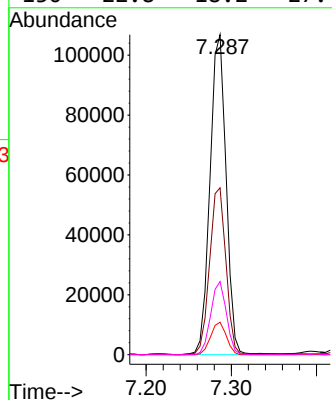
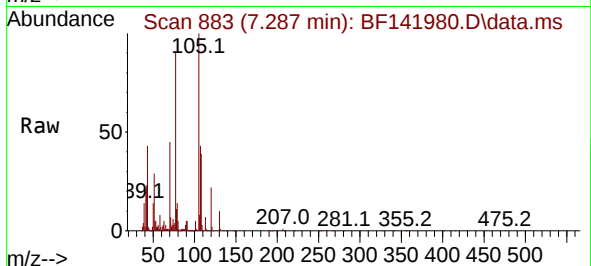




#19
n-Nitroso-di-n-propylamine
Concen: 20.665 ng
RT: 7.287 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

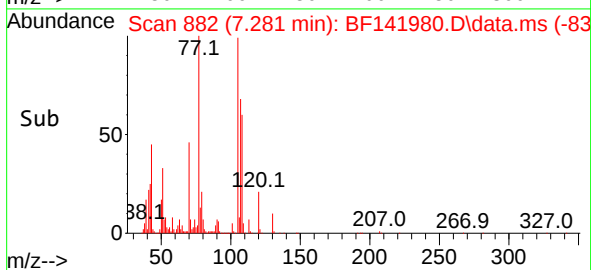
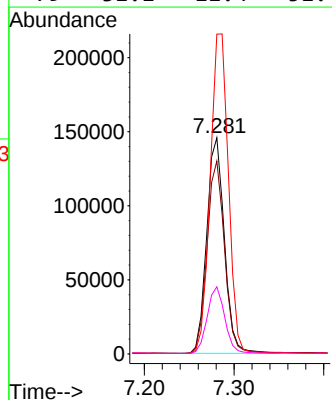
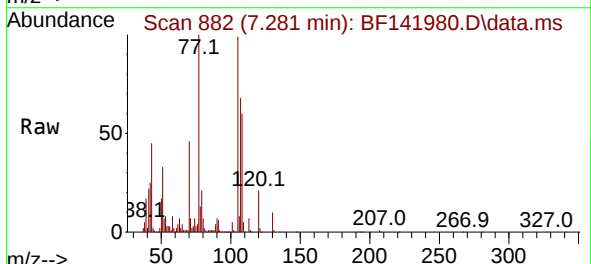
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

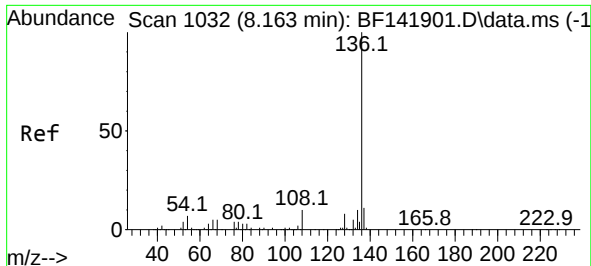
Tgt Ion:	70	Resp:	140789
Ion	Ratio	Lower	Upper
70	100		
42	52.1	41.4	62.0
101	10.1	8.2	12.2
130	22.8	18.2	27.4



#20
3+4-Methylphenols
Concen: 21.098 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion:	107	Resp:	198449
Ion	Ratio	Lower	Upper
107	100		
108	89.2	68.4	108.4
77	148.0	69.7	109.7#
79	31.1	11.4	51.4

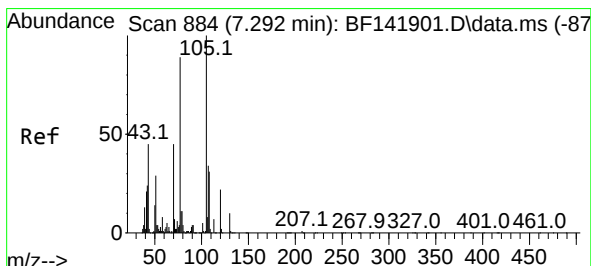
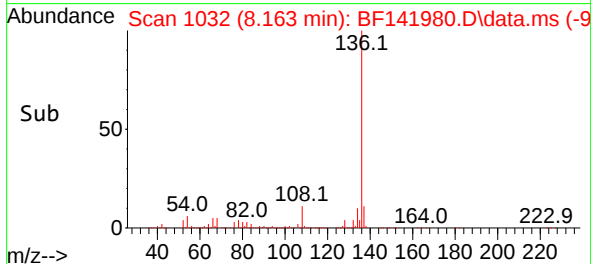
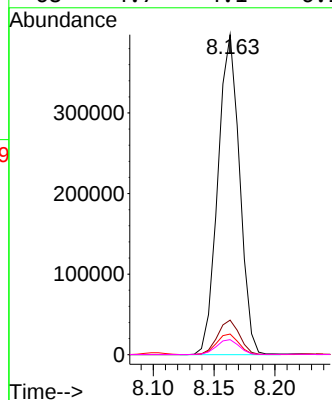
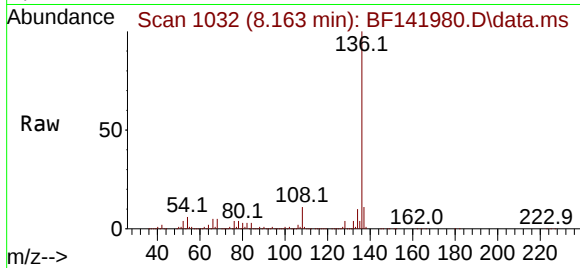




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

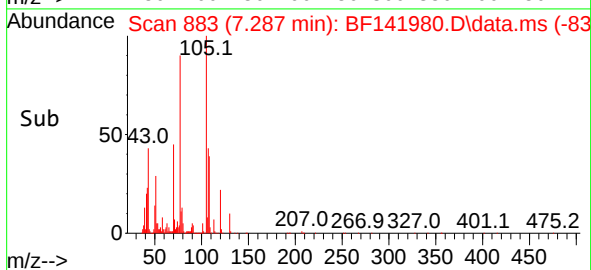
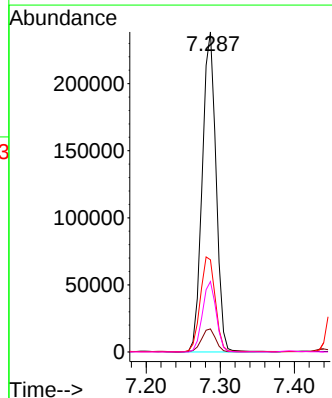
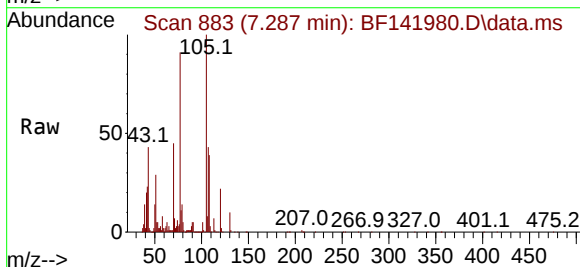
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

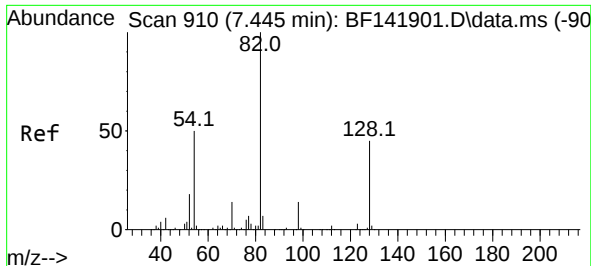
Tgt Ion:	136	Resp:	493410
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.8	13.2
54	6.5	5.8	8.8
68	4.7	4.1	6.1



#22
Acetophenone
Concen: 26.143 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion:	105	Resp:	308907
Ion Ratio	Lower	Upper	
105	100		
71	7.2	5.8	8.8
51	28.8	23.4	35.0
120	22.0	17.3	25.9





#23

Nitrobenzene-d5

Concen: 33.261 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

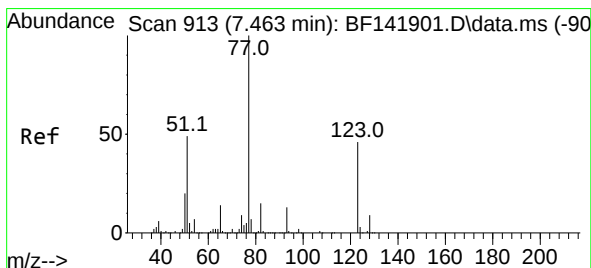
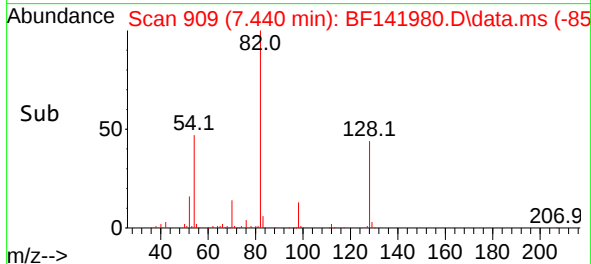
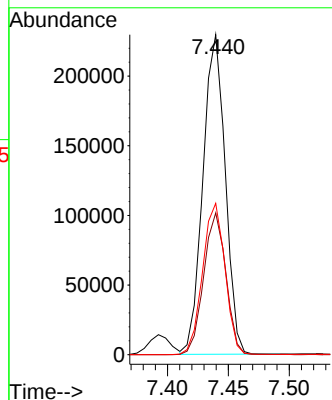
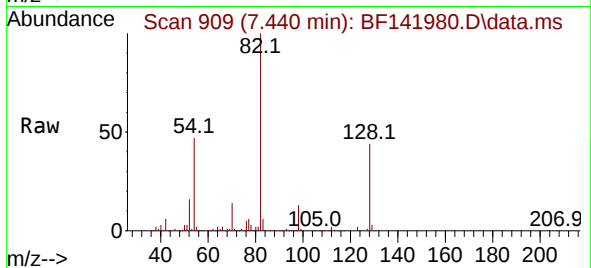
Tgt Ion: 82 Resp: 291625

Ion Ratio Lower Upper

82 100

128 44.3 36.0 54.0

54 47.3 39.6 59.4



#24

Nitrobenzene

Concen: 23.049 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

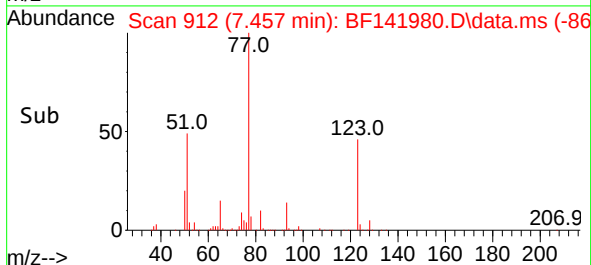
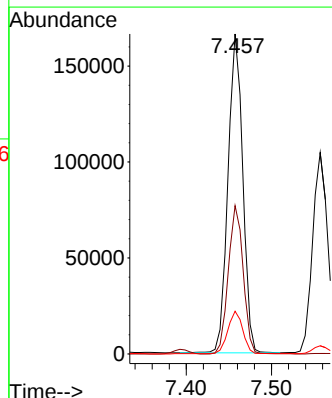
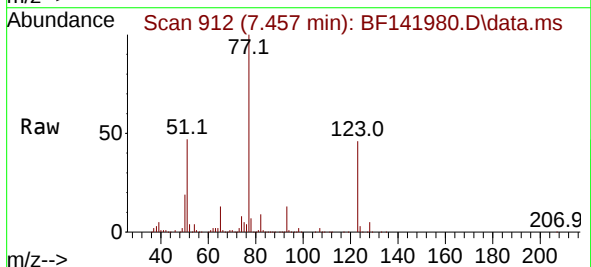
Tgt Ion: 77 Resp: 200900

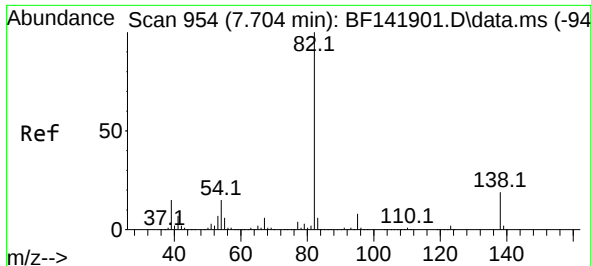
Ion Ratio Lower Upper

77 100

123 46.3 37.0 55.4

65 13.4 11.3 16.9

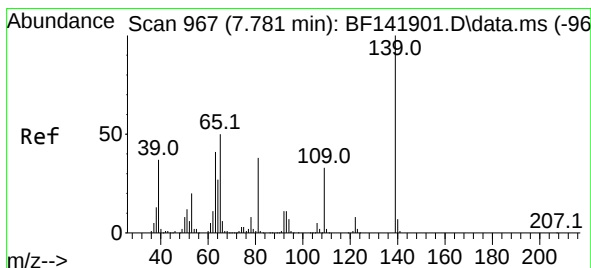
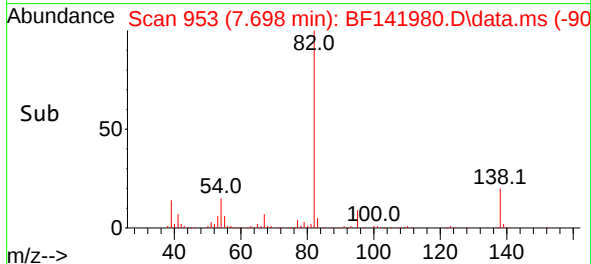
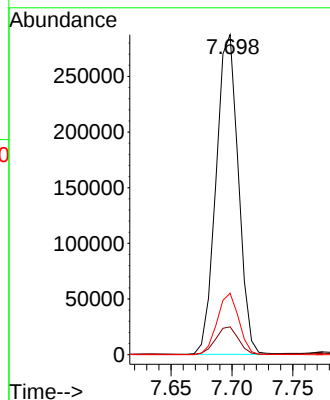
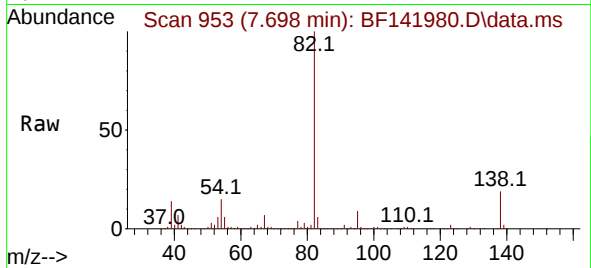




#25
Isophorone
Concen: 23.590 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

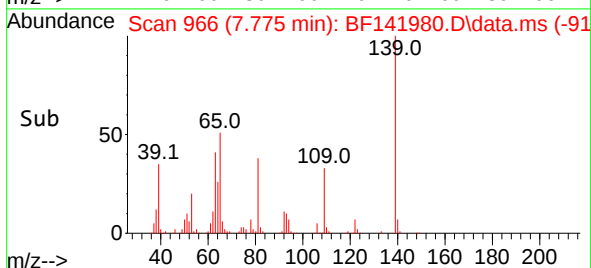
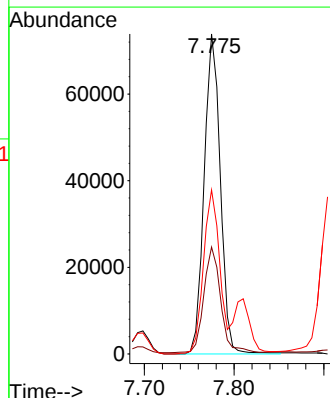
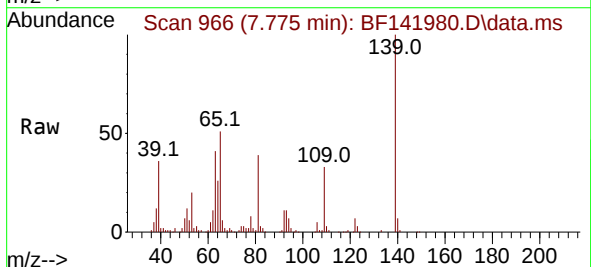
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

Tgt Ion: 82 Resp: 365609
Ion Ratio Lower Upper
82 100
95 8.7 6.4 9.6
138 19.2 14.9 22.3



#26
2-Nitrophenol
Concen: 21.591 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion:139 Resp: 92364
Ion Ratio Lower Upper
139 100
109 33.4 26.5 39.7
65 51.3 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 27.639 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF141980.D

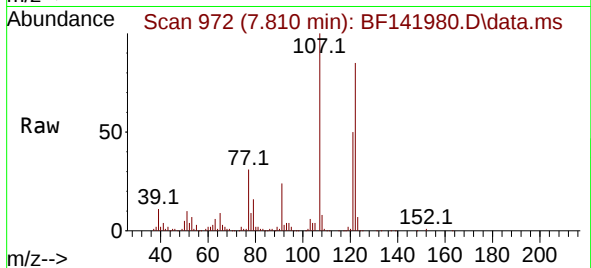
Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS



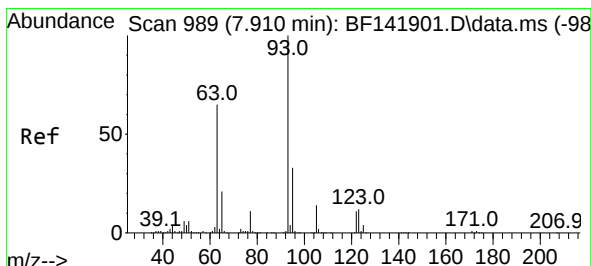
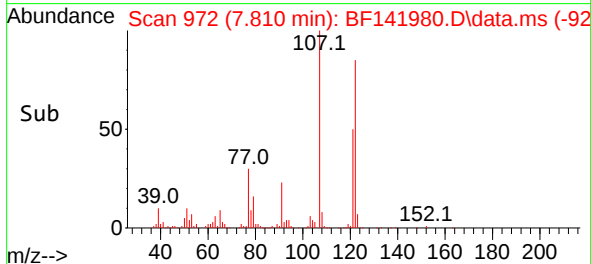
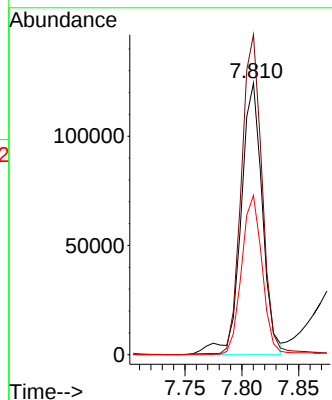
Tgt Ion:122 Resp: 162808

Ion Ratio Lower Upper

122 100

107 117.8 94.8 142.2

121 58.6 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 22.788 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

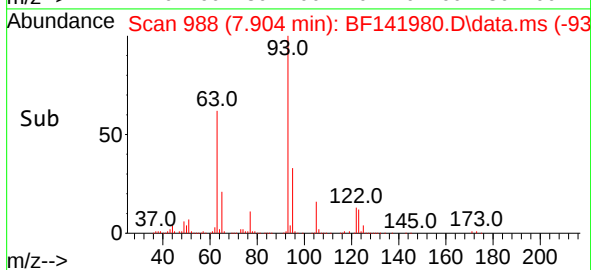
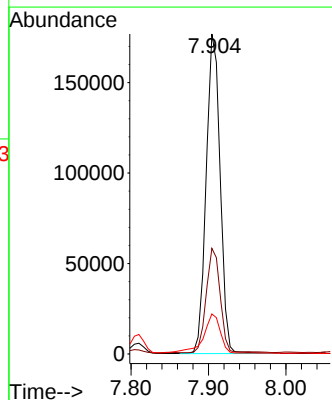
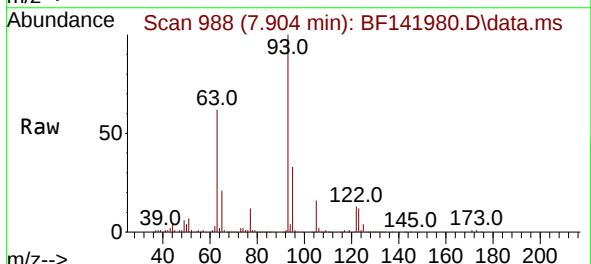
Tgt Ion: 93 Resp: 221519

Ion Ratio Lower Upper

93 100

95 33.0 26.6 40.0

123 12.5 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 21.717 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

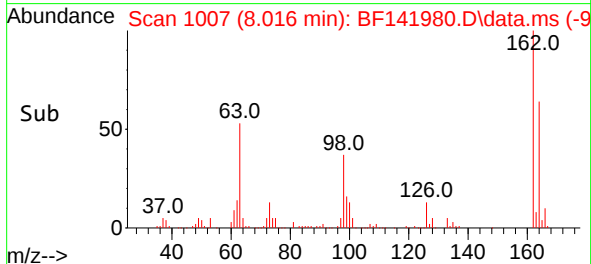
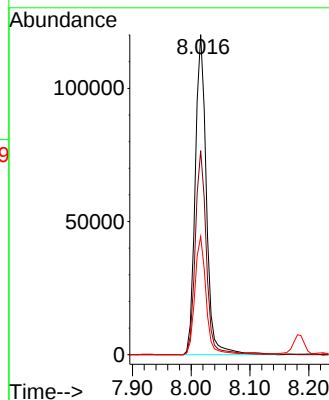
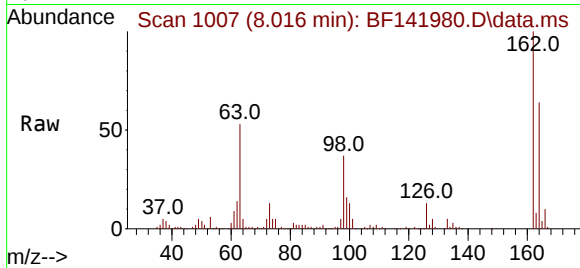
Tgt Ion:162 Resp: 158783

Ion Ratio Lower Upper

162 100

164 63.8 43.8 83.8

98 36.9 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 22.691 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

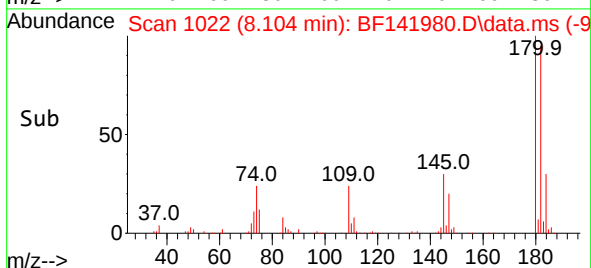
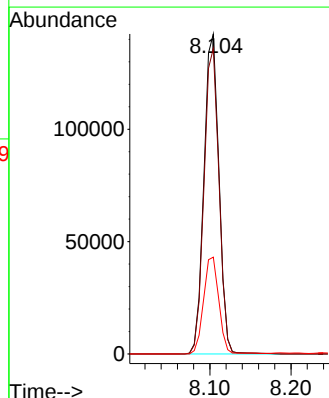
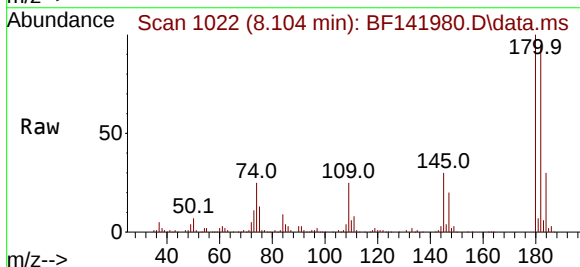
Tgt Ion:180 Resp: 182835

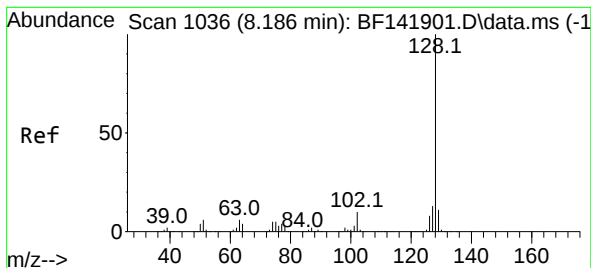
Ion Ratio Lower Upper

180 100

182 95.5 77.5 116.3

145 30.3 25.8 38.6





#31

Naphthalene

Concen: 22.602 ng

RT: 8.187 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

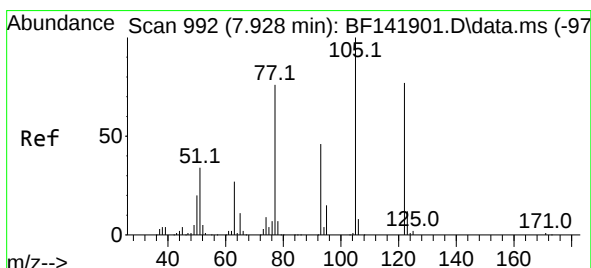
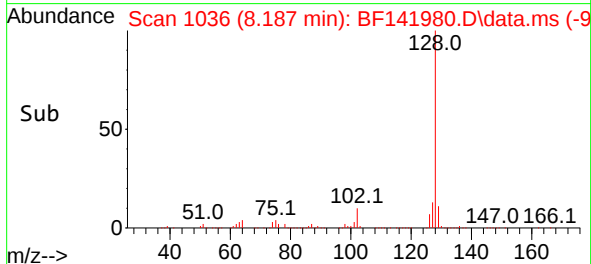
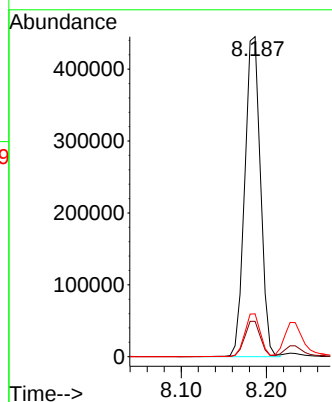
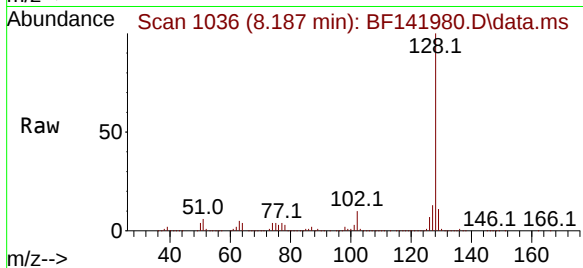
Tgt Ion:128 Resp: 572869

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 13.4 10.8 16.2



#32

Benzoic acid

Concen: 21.736 ng

RT: 7.893 min Scan# 986

Delta R.T. -0.035 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

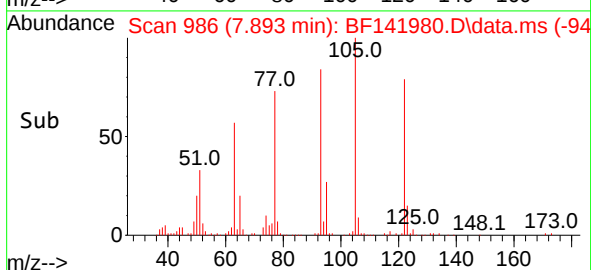
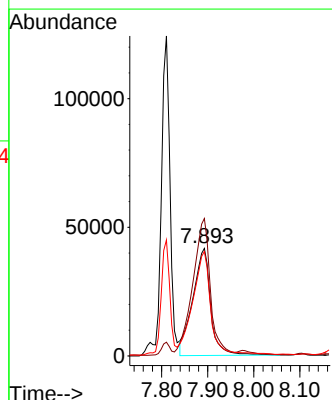
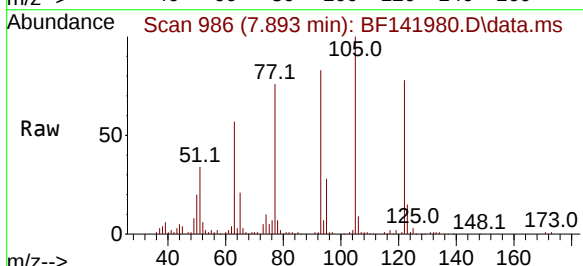
Tgt Ion:122 Resp: 112548

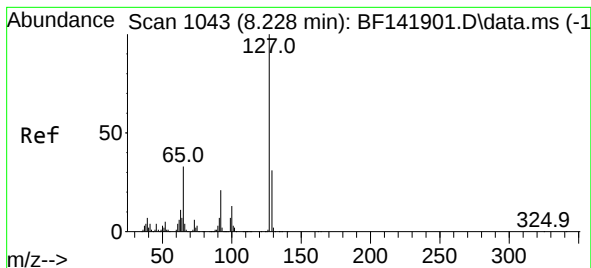
Ion Ratio Lower Upper

122 100

105 127.8 107.9 147.9

77 97.2 79.0 119.0





#33

4-Chloroaniline

Concen: 8.133 ng

RT: 8.228 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

Tgt Ion:127 Resp: 72772

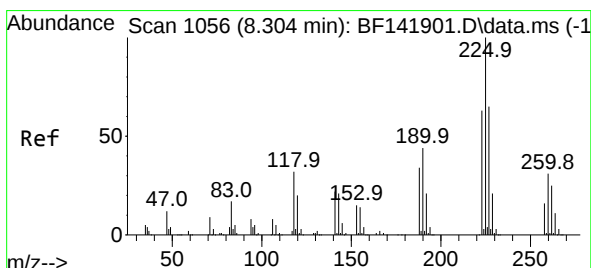
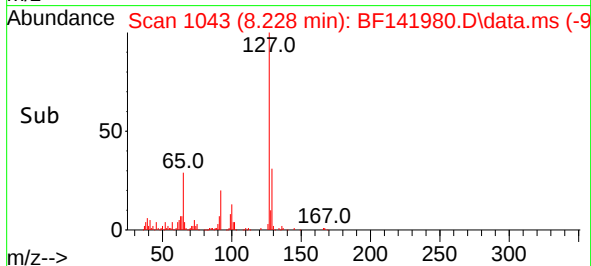
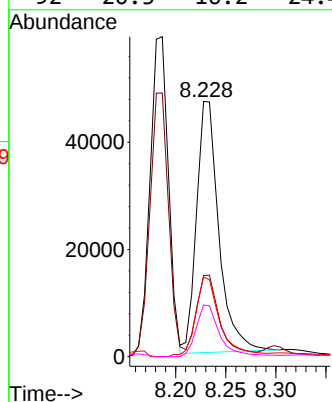
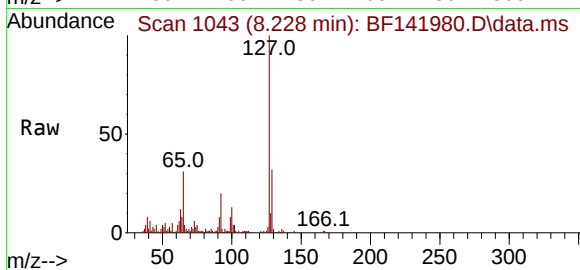
Ion Ratio Lower Upper

127 100

129 31.9 26.2 39.4

65 31.2 25.4 38.2

92 20.3 16.2 24.4



#34

Hexachlorobutadiene

Concen: 24.006 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

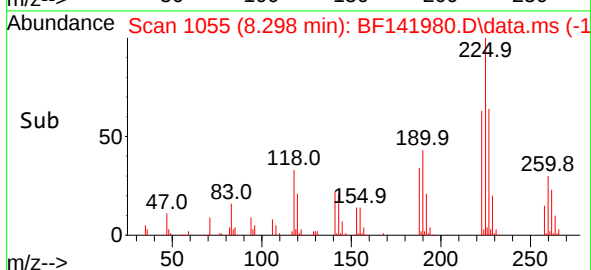
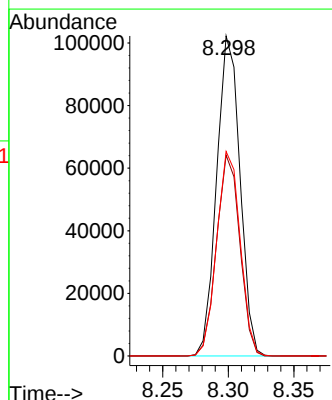
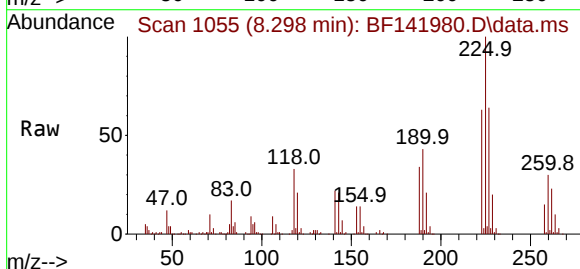
Tgt Ion:225 Resp: 126143

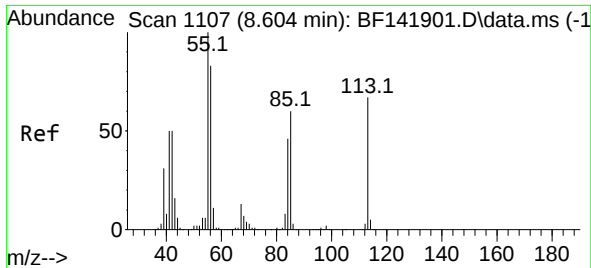
Ion Ratio Lower Upper

225 100

223 62.8 50.6 75.8

227 63.9 52.2 78.2

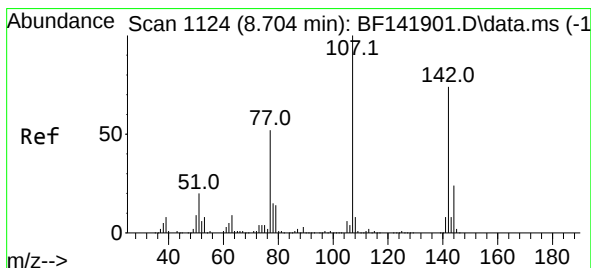
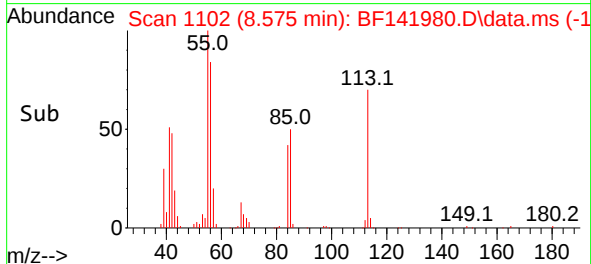
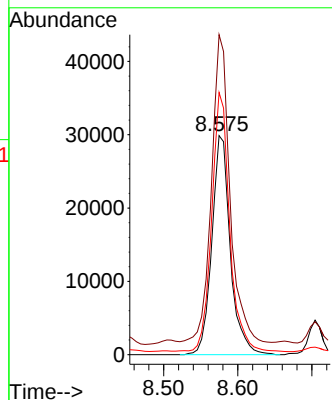
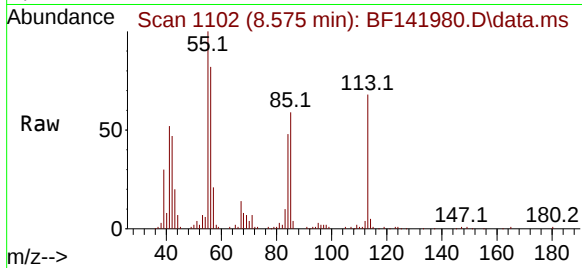




#35
 Caprolactam
 Concen: 23.139 ng
 RT: 8.575 min Scan# 1107
 Delta R.T. -0.029 min
 Lab File: BF141980.D
 Acq: 17 Mar 2025 14:30

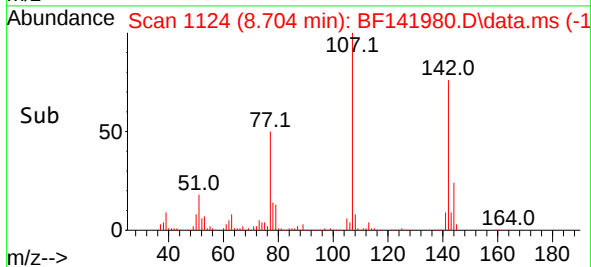
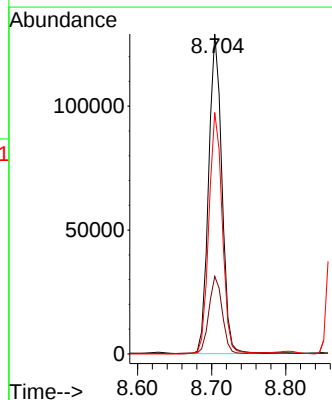
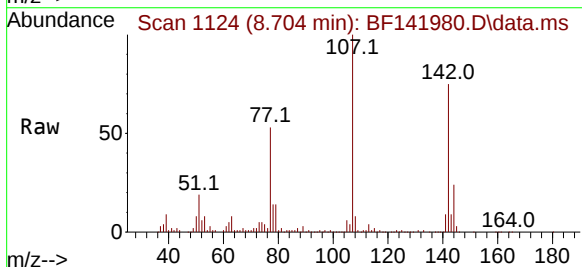
Instrument :
 BNA_F
 ClientSampleId :
 OK-02-03142025MS

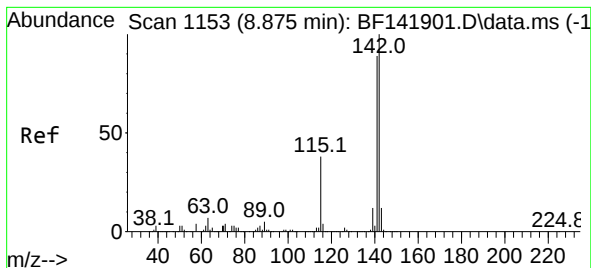
Tgt Ion:113 Resp: 51580
 Ion Ratio Lower Upper
 113 100
 55 146.0 129.6 169.6
 56 119.7 104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 19.630 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF141980.D
 Acq: 17 Mar 2025 14:30

Tgt Ion:107 Resp: 160103
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.0 28.6
 142 75.5 59.2 88.8





#37

2-Methylnaphthalene

Concen: 20.933 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

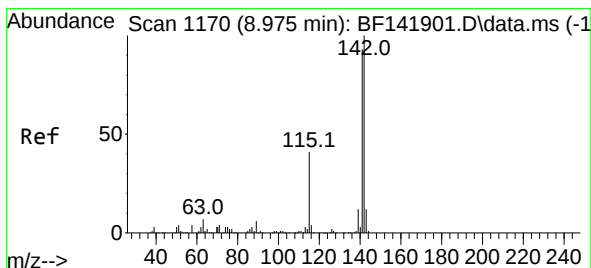
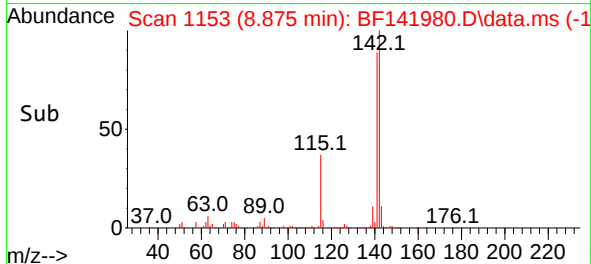
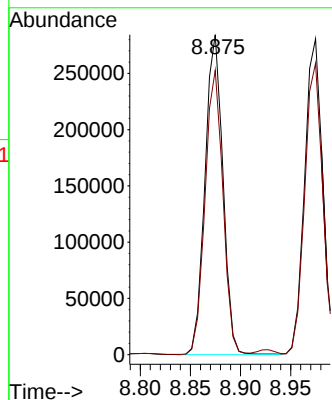
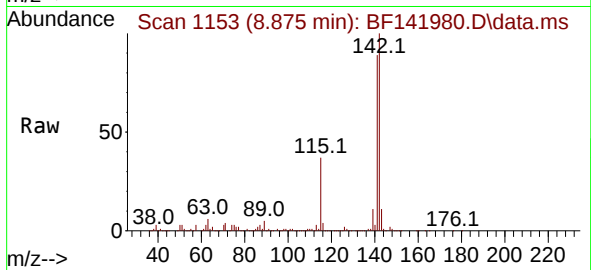
OK-02-03142025MS

Tgt Ion:142 Resp: 354626

Ion Ratio Lower Upper

142 100

141 88.9 71.2 106.8



#38

1-Methylnaphthalene

Concen: 21.204 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF141980.D

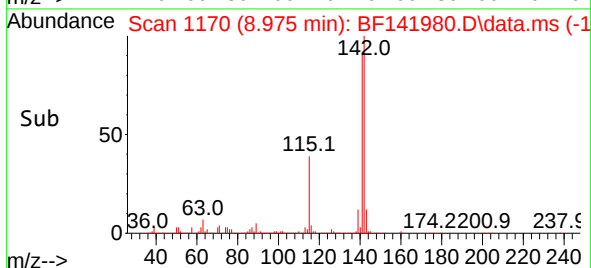
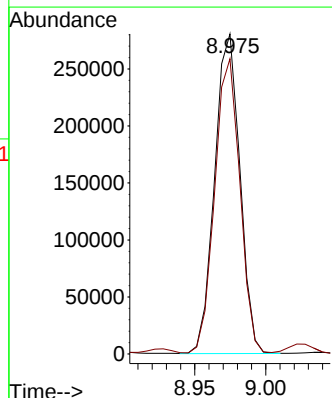
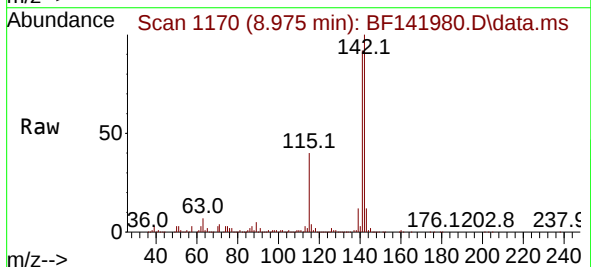
Acq: 17 Mar 2025 14:30

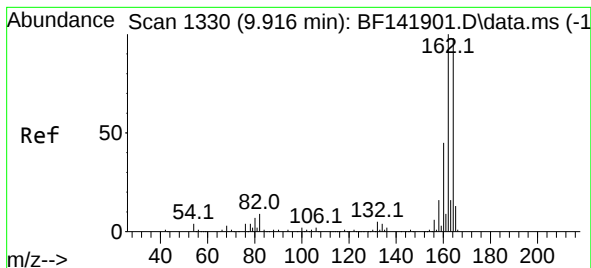
Tgt Ion:142 Resp: 346641

Ion Ratio Lower Upper

142 100

141 92.2 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

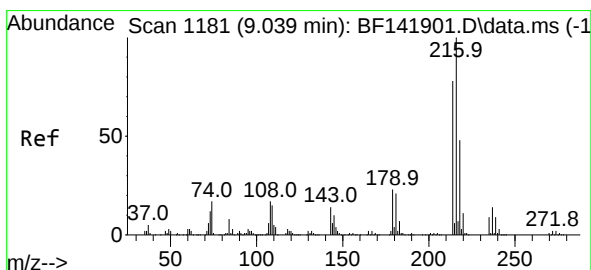
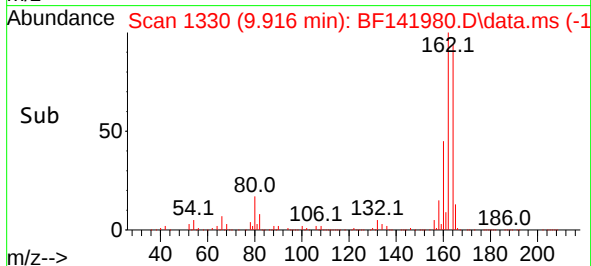
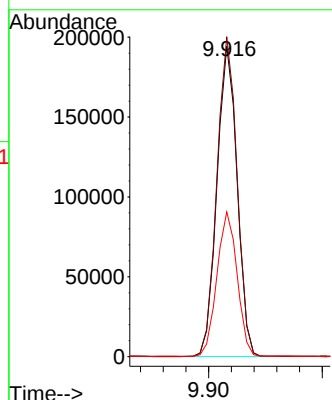
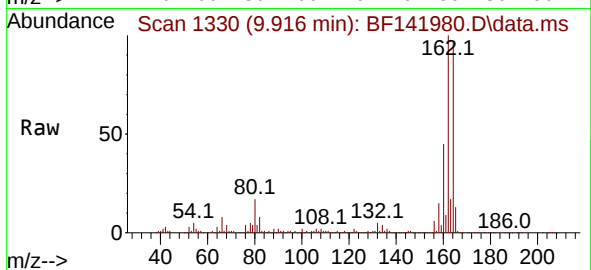
Tgt Ion:164 Resp: 238972

Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.6

160 46.6 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 26.968 ng

RT: 9.040 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Tgt Ion:216 Resp: 196214

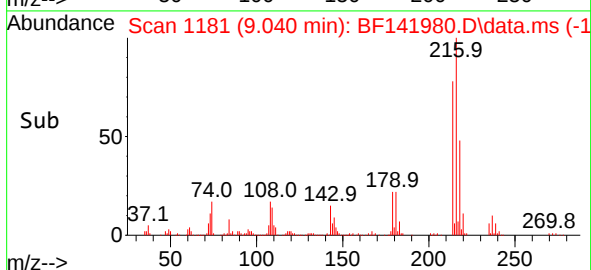
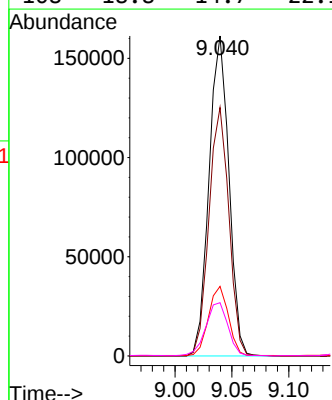
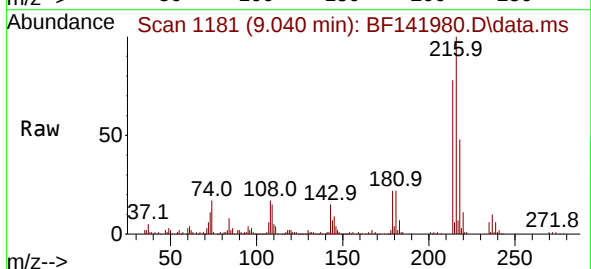
Ion Ratio Lower Upper

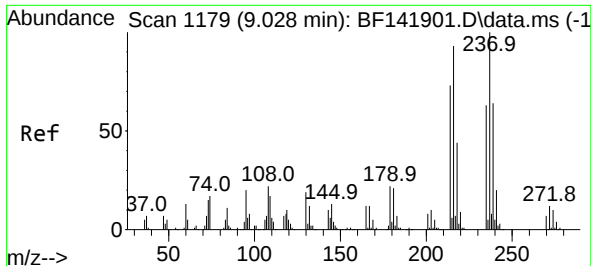
216 100

214 77.9 61.9 92.9

179 21.6 18.1 27.1

108 18.8 14.7 22.1

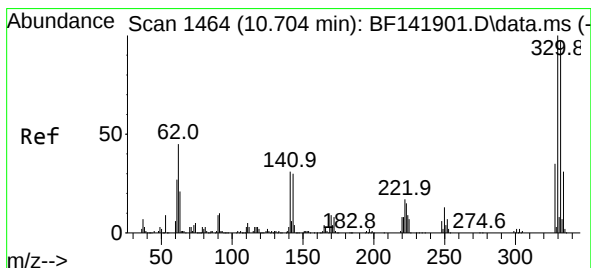
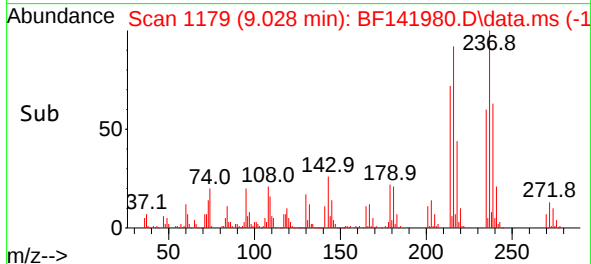
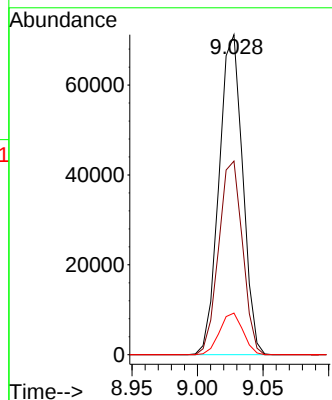
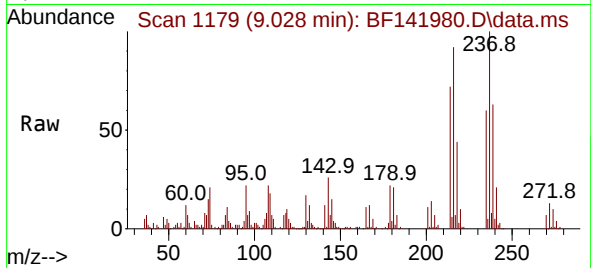




#41
Hexachlorocyclopentadiene
Concen: 31.285 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

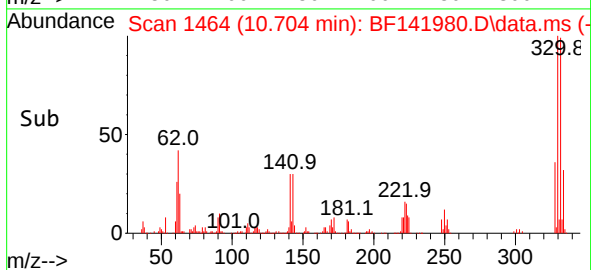
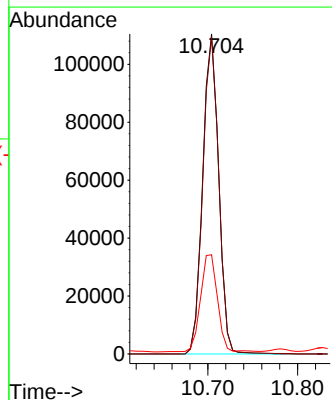
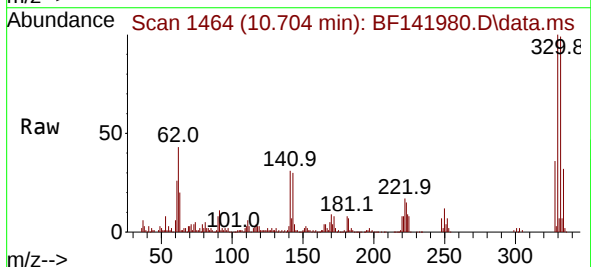
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

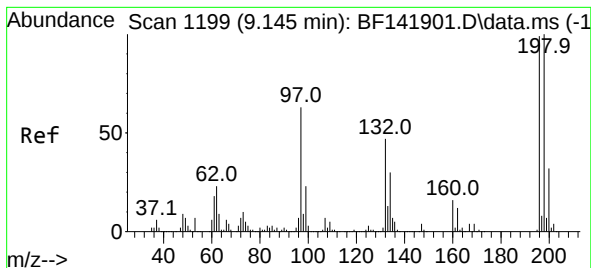
Tgt Ion:237 Resp: 89081
Ion Ratio Lower Upper
237 100
235 60.5 43.1 83.1
272 13.0 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 44.964 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion:330 Resp: 136315
Ion Ratio Lower Upper
330 100
332 98.9 77.6 116.4
141 32.2 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 23.251 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

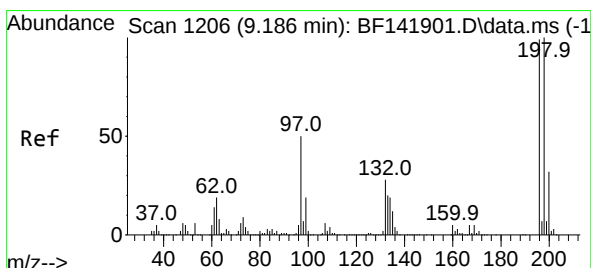
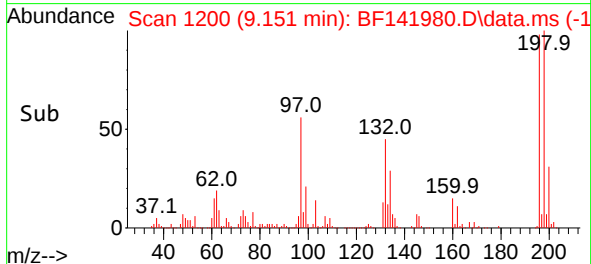
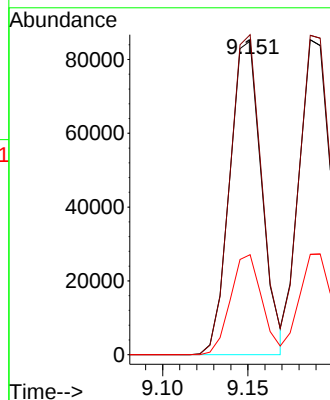
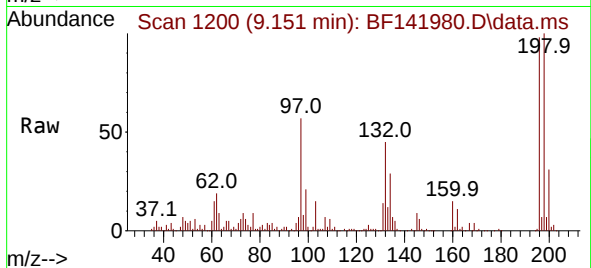
Tgt Ion:196 Resp: 110558

Ion Ratio Lower Upper

196 100

198 102.0 80.6 121.0

200 31.9 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 23.467 ng

RT: 9.187 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Tgt Ion:196 Resp: 113013

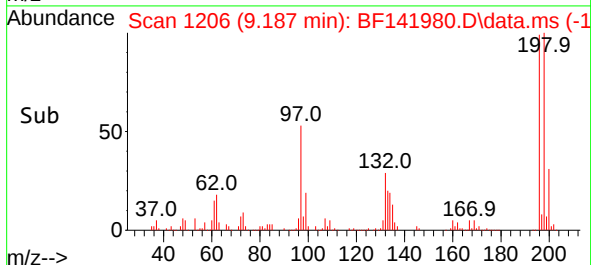
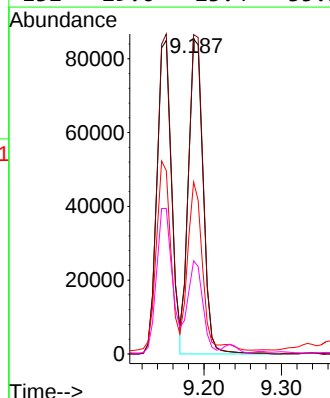
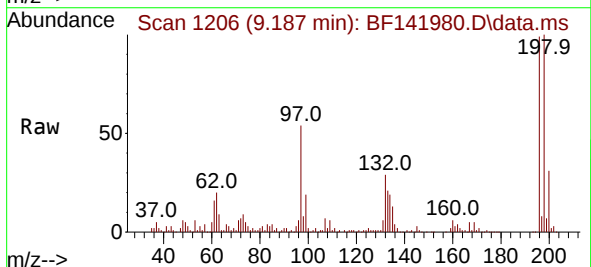
Ion Ratio Lower Upper

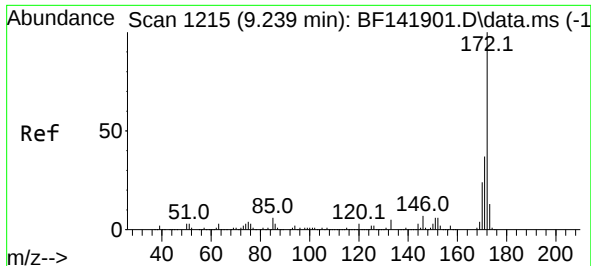
196 100

198 101.4 80.7 121.1

97 54.6 42.1 63.1

132 29.6 23.4 35.2

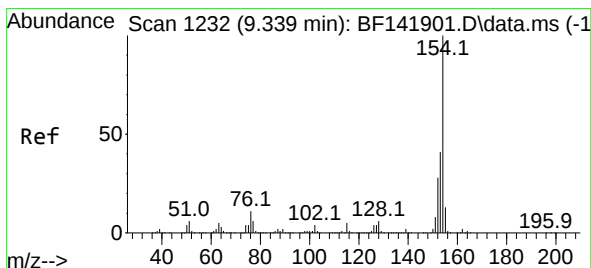
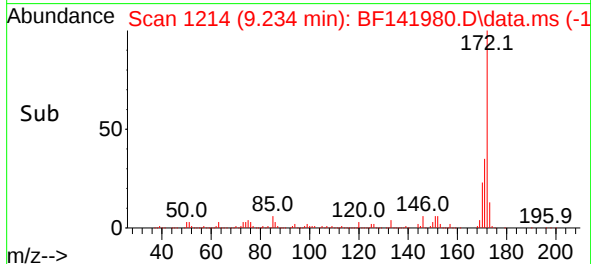
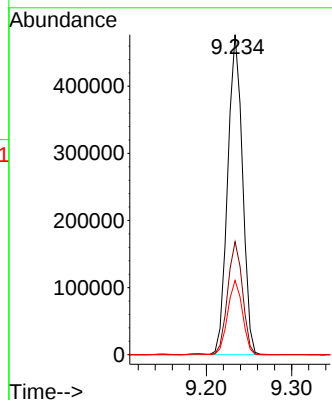
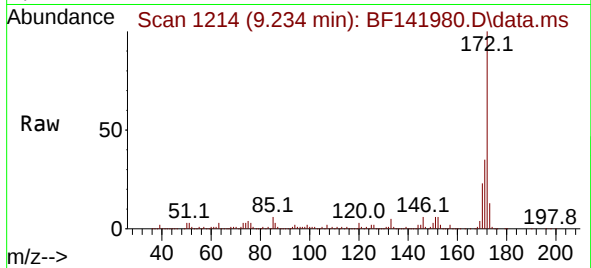




#45
2-Fluorobiphenyl
Concen: 36.636 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

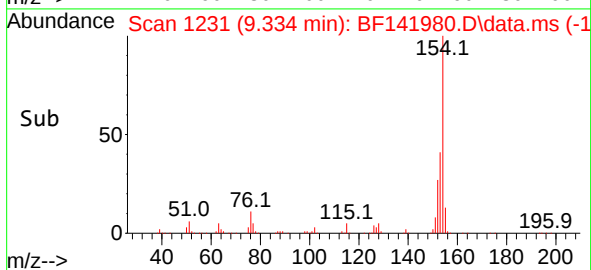
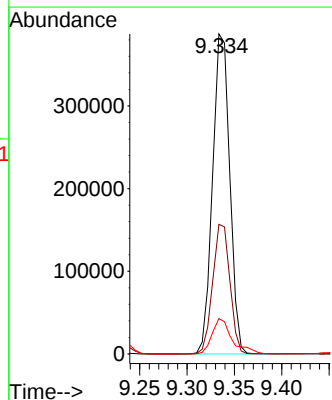
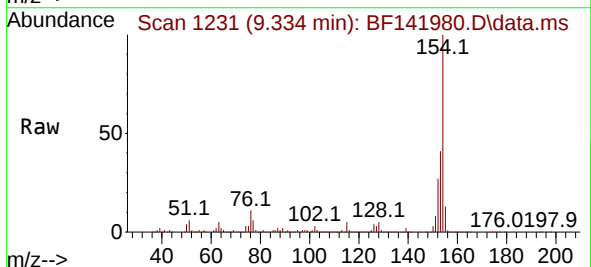
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

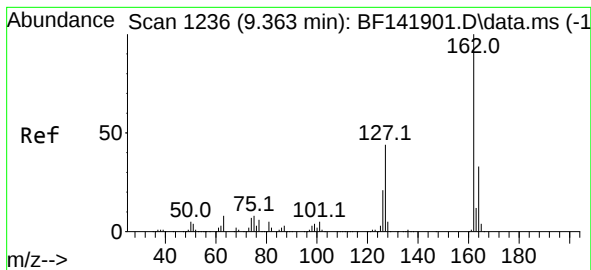
Tgt Ion:172 Resp: 575675
Ion Ratio Lower Upper
172 100
171 35.3 29.3 43.9
170 23.2 19.4 29.0



#46
1,1'-Biphenyl
Concen: 26.925 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion:154 Resp: 488892
Ion Ratio Lower Upper
154 100
153 40.5 21.1 61.1
76 11.0 0.0 31.3





#47

2-Chloronaphthalene

Concen: 23.561 ng

RT: 9.363 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

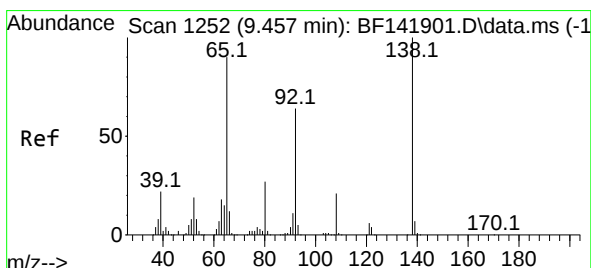
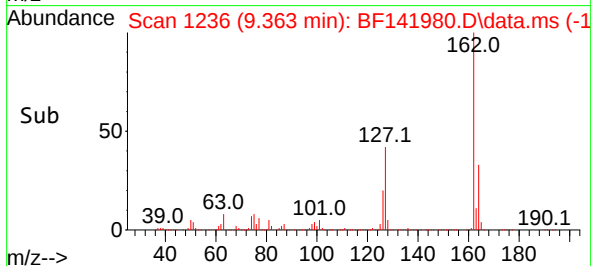
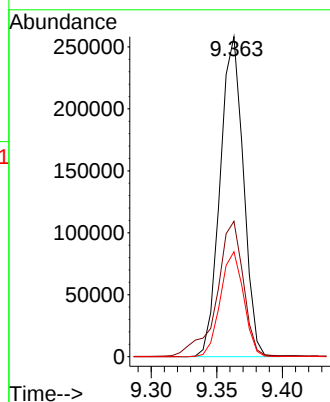
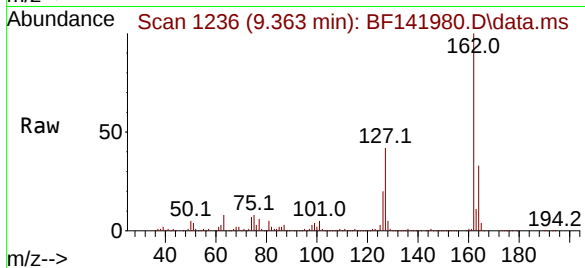
Tgt Ion:162 Resp: 318869

Ion Ratio Lower Upper

162 100

127 42.3 35.5 53.3

164 32.8 26.6 40.0



#48

2-Nitroaniline

Concen: 23.855 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

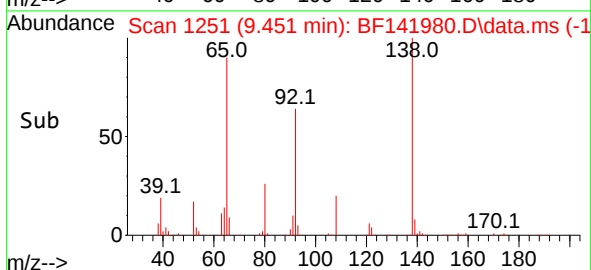
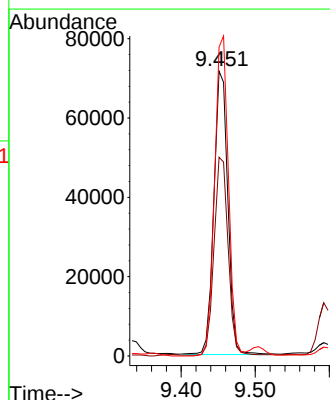
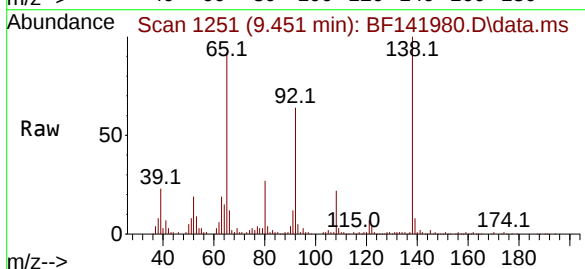
Tgt Ion: 65 Resp: 93476

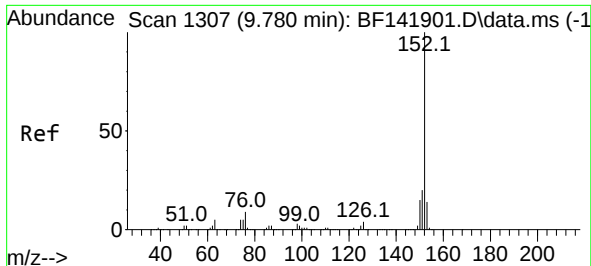
Ion Ratio Lower Upper

65 100

92 69.8 56.6 84.8

138 108.5 88.6 133.0

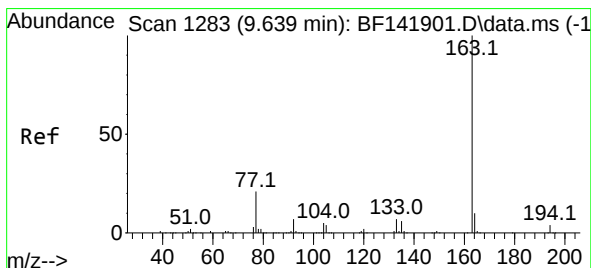
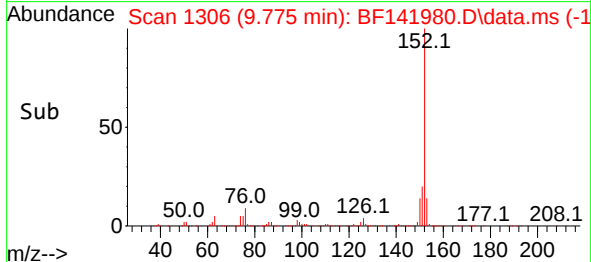
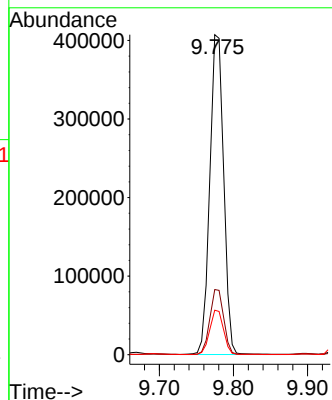
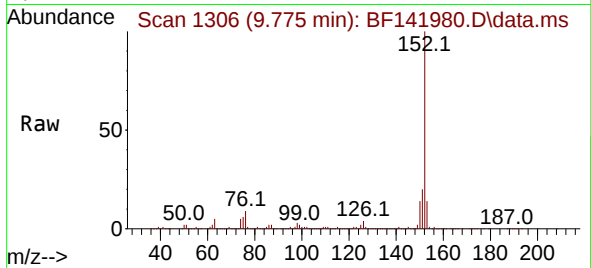




#49
Acenaphthylene
Concen: 26.360 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

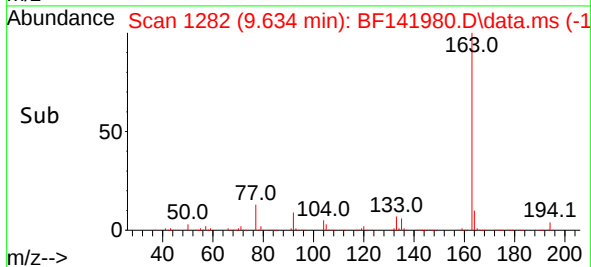
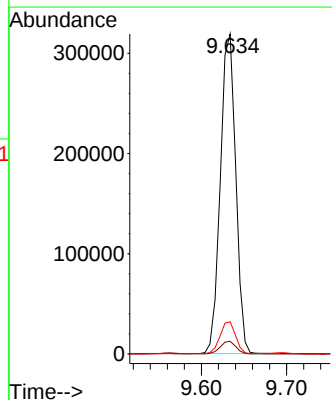
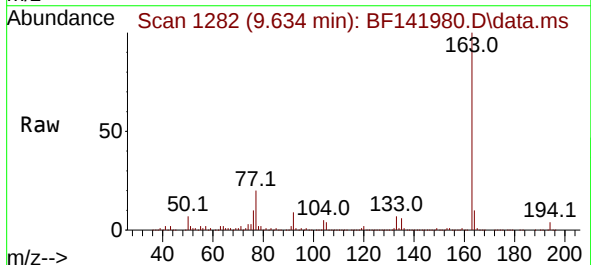
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

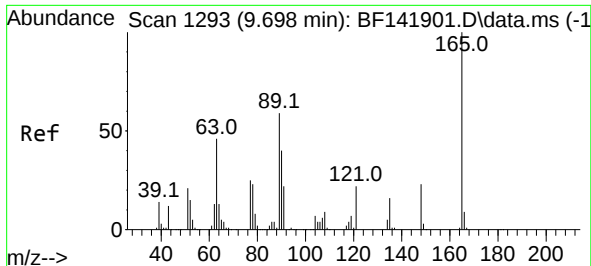
Tgt Ion:152 Resp: 529391
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.9 11.1 16.7



#50
Dimethylphthalate
Concen: 23.940 ng
RT: 9.634 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

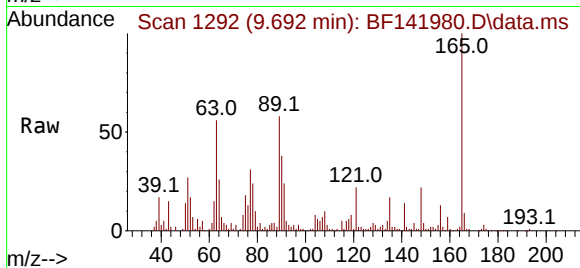
Tgt Ion:163 Resp: 400627
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.2 12.4



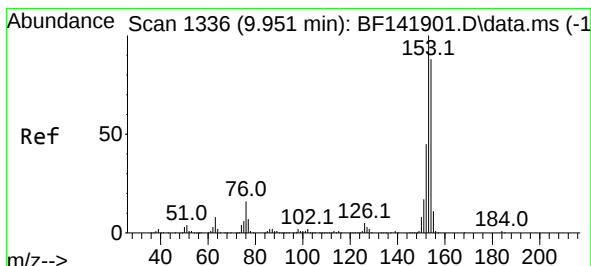
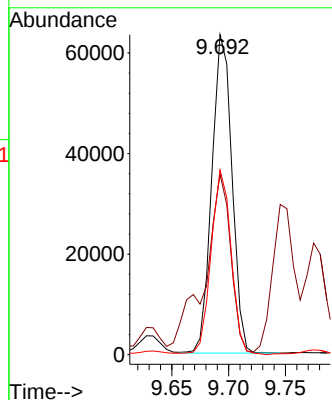
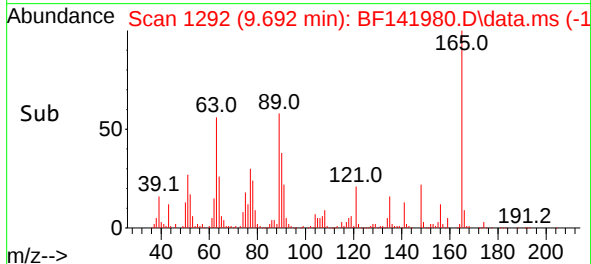


#51
2,6-Dinitrotoluene
Concen: 22.379 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

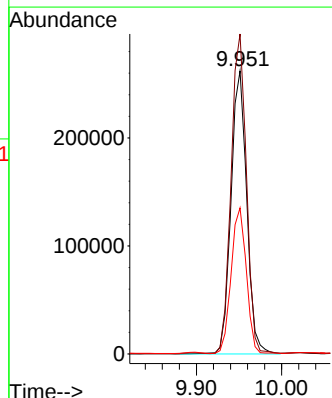
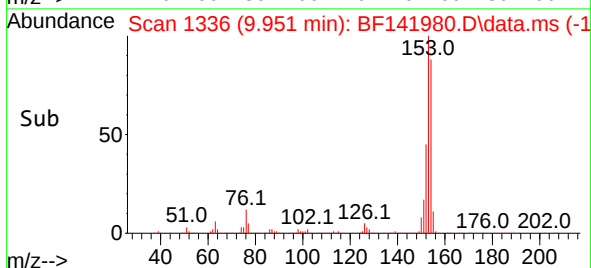
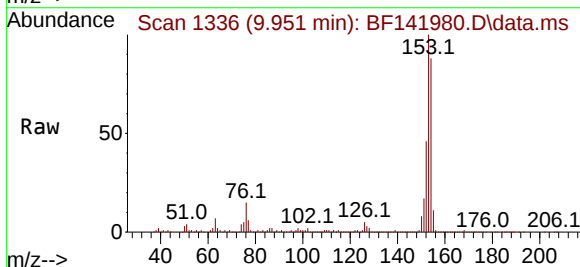


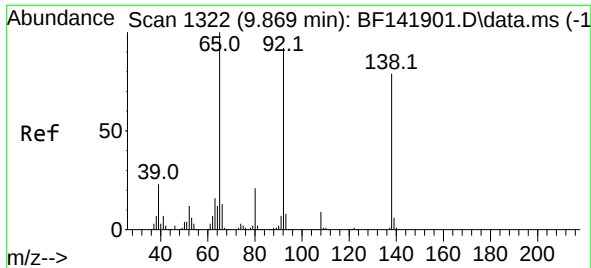
Tgt Ion:165 Resp: 77976
Ion Ratio Lower Upper
165 100
63 56.3 47.0 70.4
89 57.7 47.4 71.2



#52
Acenaphthene
Concen: 23.801 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion:154 Resp: 335924
Ion Ratio Lower Upper
154 100
153 113.0 90.7 136.1
152 51.6 41.1 61.7

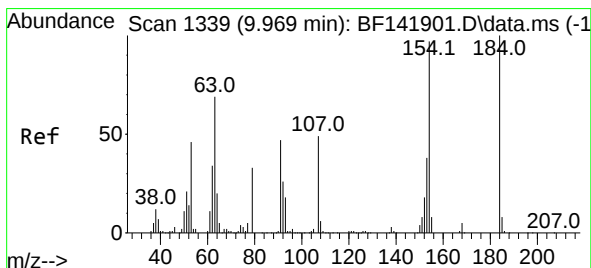
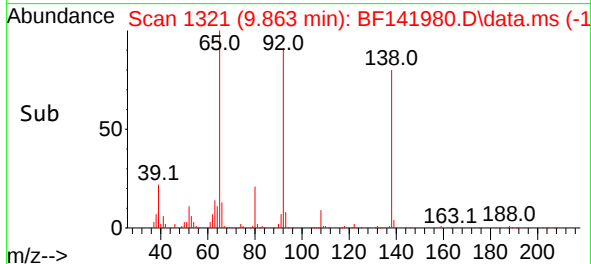
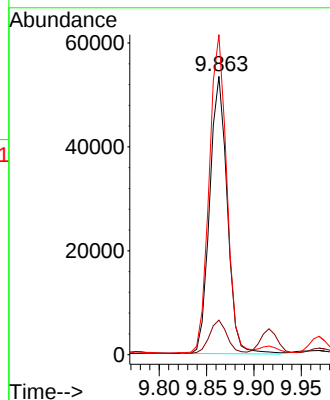
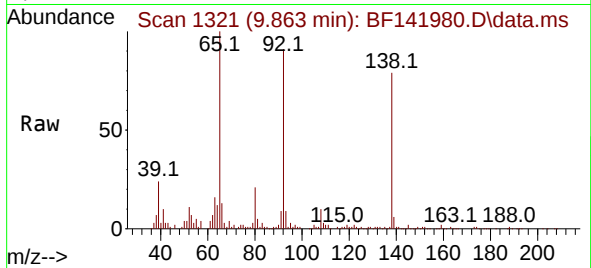




#53
3-Nitroaniline
Concen: 19.400 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

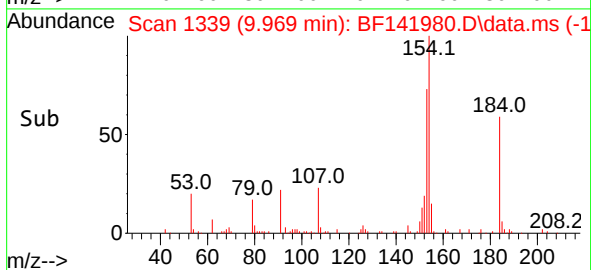
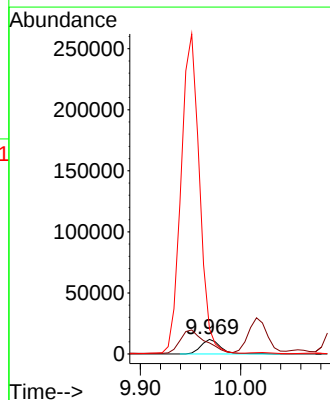
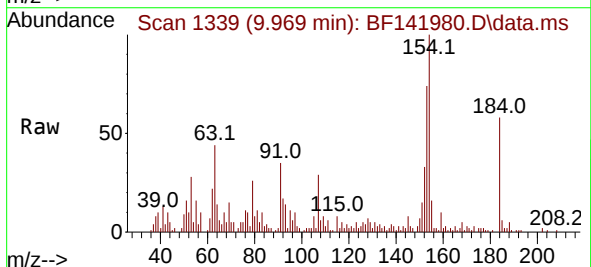
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

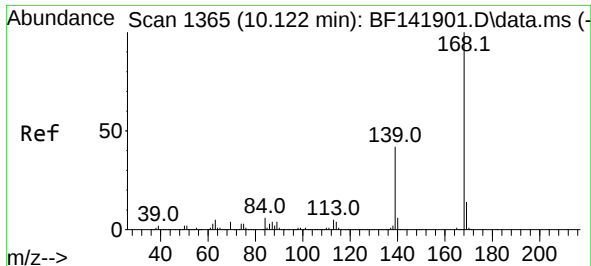
Tgt Ion:138 Resp: 68567
Ion Ratio Lower Upper
138 100
108 12.4 9.3 13.9
92 115.0 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 14.017 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion:184 Resp: 16055
Ion Ratio Lower Upper
184 100
63 74.9 60.2 90.4
154 171.2 132.9 199.3

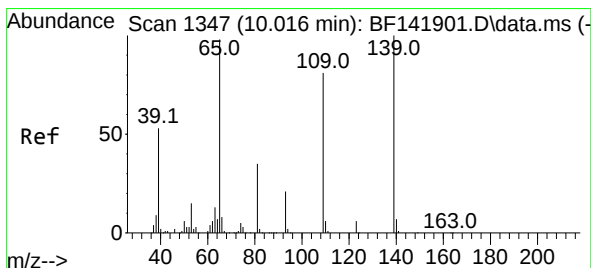
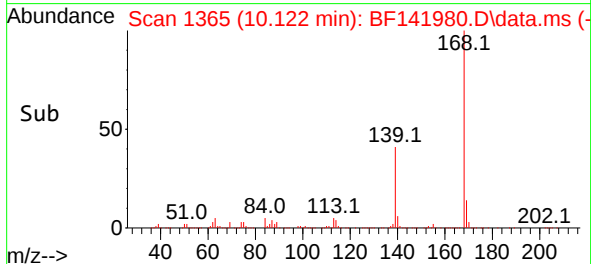
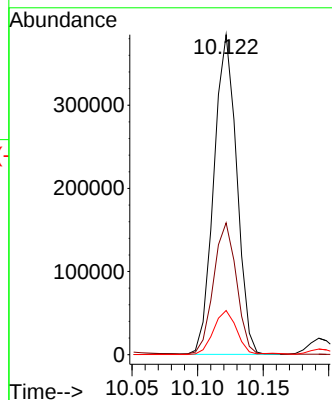
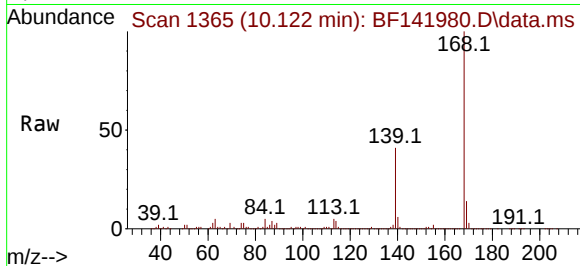




#55
Dibenzofuran
Concen: 23.075 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

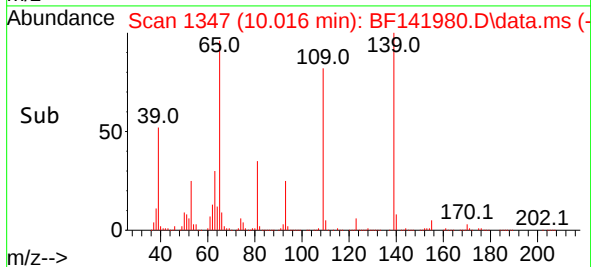
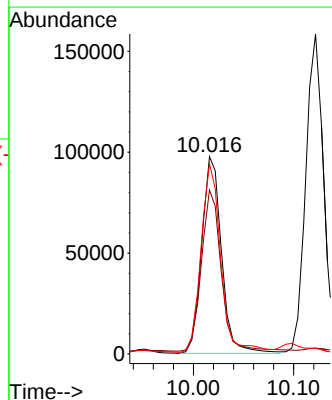
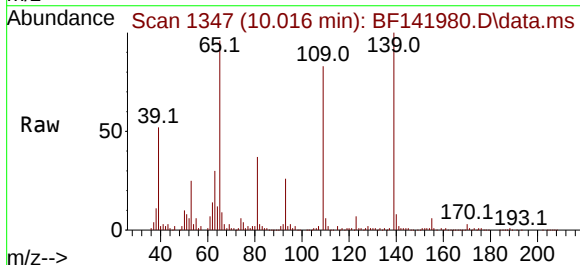
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

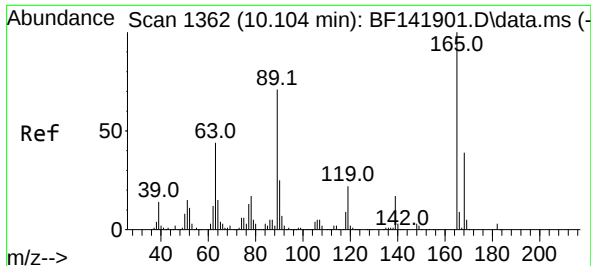
Tgt Ion:168 Resp: 465340
Ion Ratio Lower Upper
168 100
139 41.2 33.9 50.9
169 13.8 11.0 16.4



#56
4-Nitrophenol
Concen: 50.312 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion:139 Resp: 134101
Ion Ratio Lower Upper
139 100
109 83.1 61.6 101.6
65 96.3 79.4 119.4

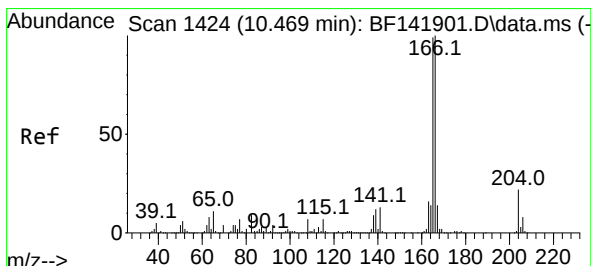
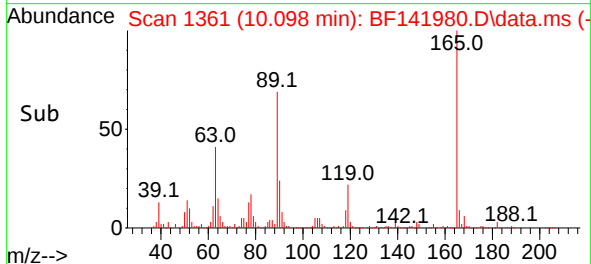
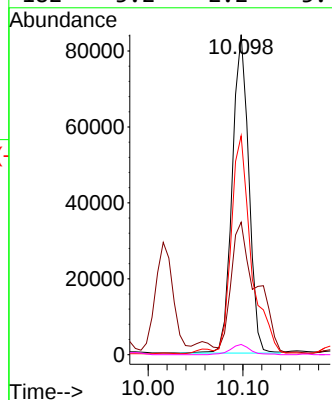
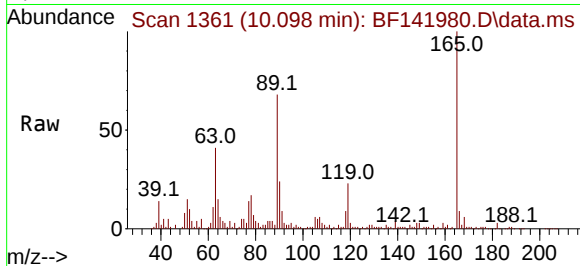




#57
2,4-Dinitrotoluene
Concen: 22.391 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

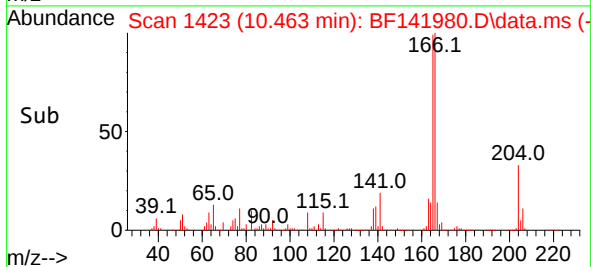
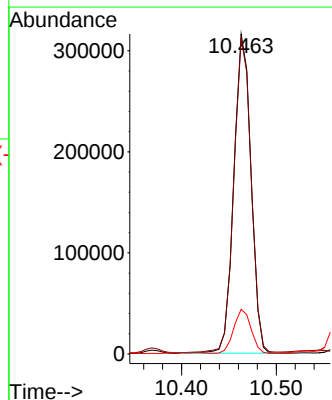
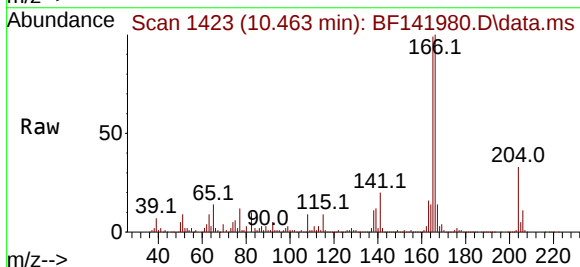
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

Tgt Ion:165 Resp: 101899
Ion Ratio Lower Upper
165 100
63 41.4 35.4 53.2
89 68.4 56.6 84.8
182 3.2 2.2 3.4



#58
Fluorene
Concen: 25.538 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion:166 Resp: 397162
Ion Ratio Lower Upper
166 100
165 98.7 79.0 118.4
167 13.9 11.0 16.4

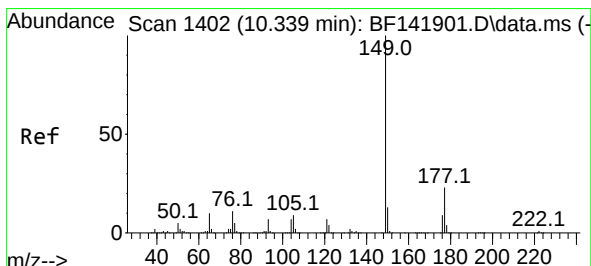
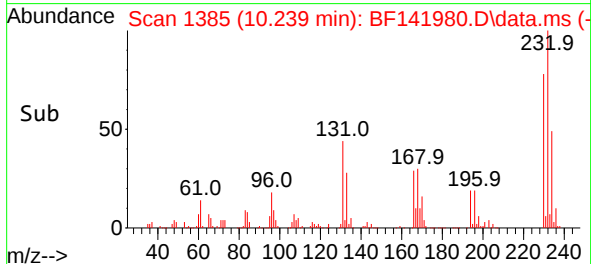
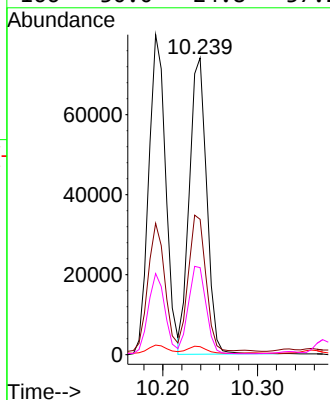
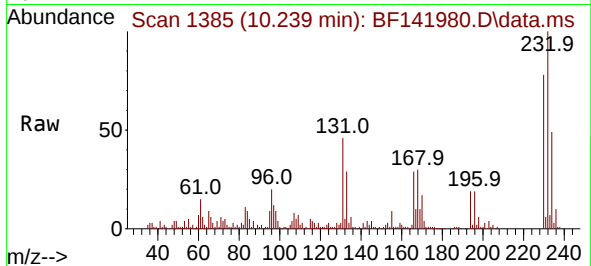




#59
2,3,4,6-Tetrachlorophenol
Concen: 21.497 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

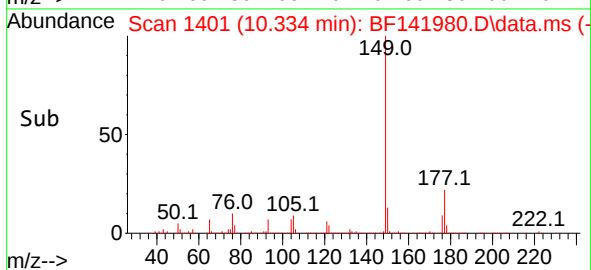
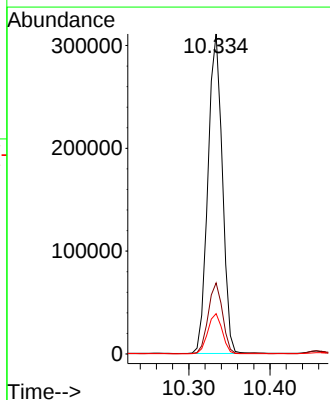
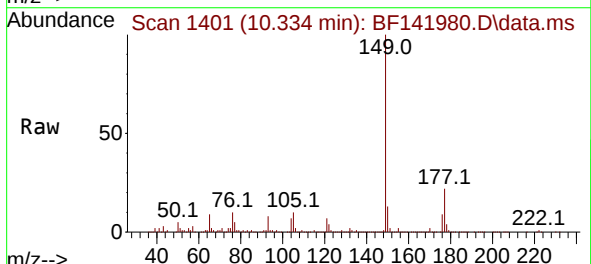
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

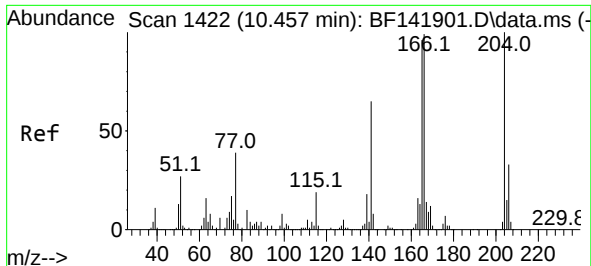
Tgt Ion:232	Resp:	94204
Ion Ratio	Lower	Upper
232	100	
131	45.9	37.3 55.9
130	2.6	1.9 2.9
166	30.0	24.8 37.2



#60
Diethylphthalate
Concen: 22.840 ng
RT: 10.334 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion:149	Resp:	381123
Ion Ratio	Lower	Upper
149	100	
177	22.2	18.0 27.0
150	12.6	10.2 15.4

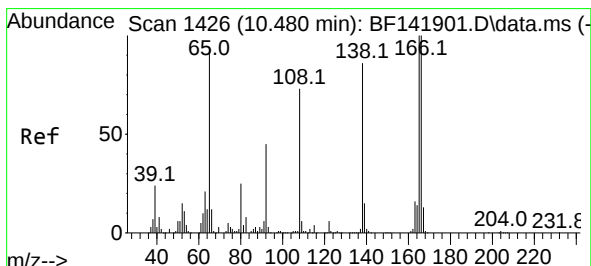
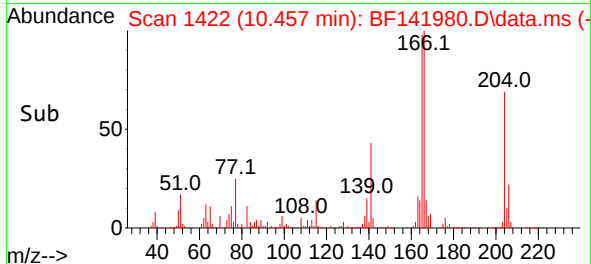
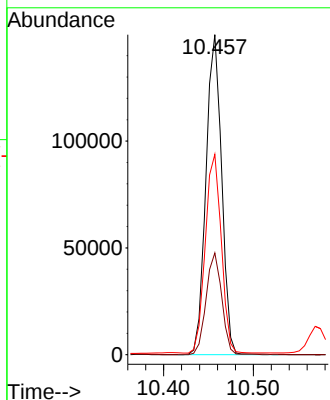
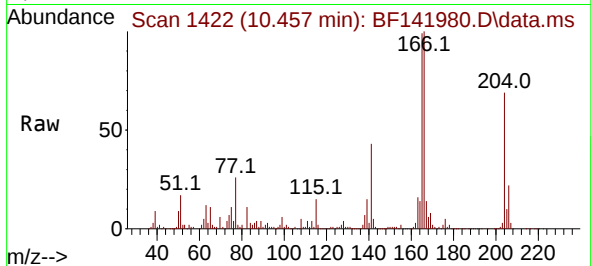




#61
4-Chlorophenyl-phenylether
Concen: 22.422 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

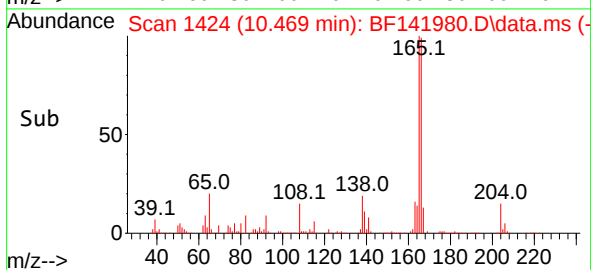
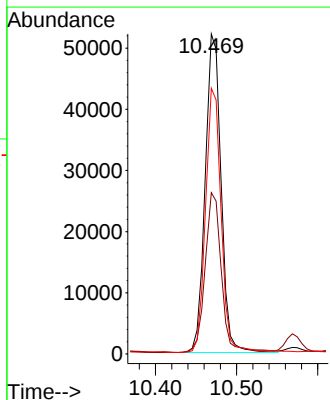
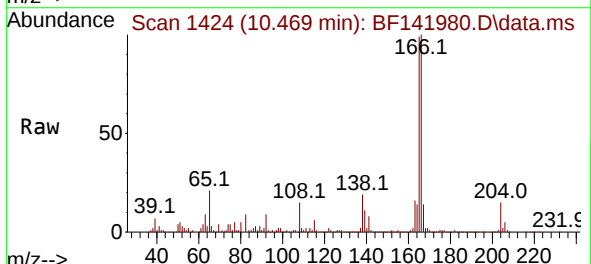
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

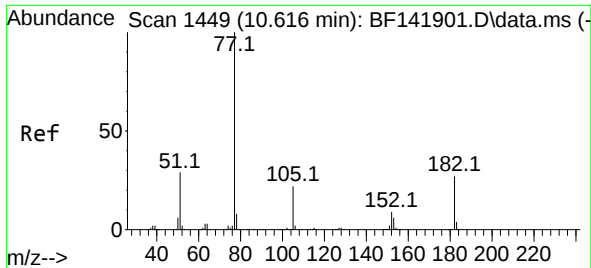
Tgt Ion:204 Resp: 181796
Ion Ratio Lower Upper
204 100
206 31.8 26.8 40.2
141 62.6 52.4 78.6



#62
4-Nitroaniline
Concen: 20.572 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion:138 Resp: 70786
Ion Ratio Lower Upper
138 100
92 50.4 32.6 72.6
108 83.1 65.0 105.0

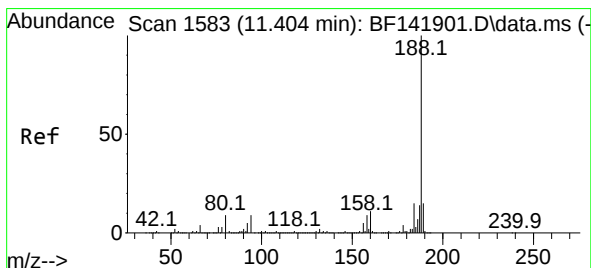
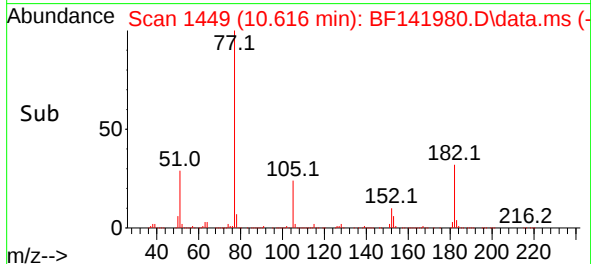
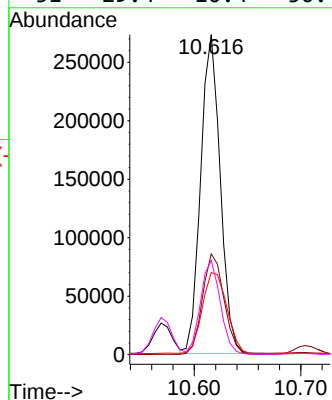
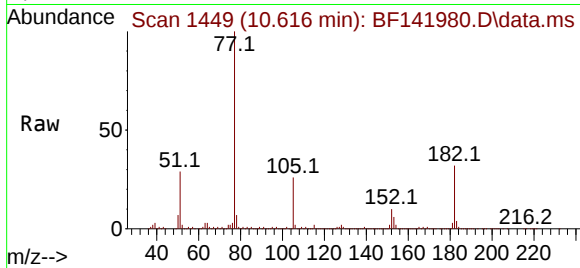




#63
Azobenzene
Concen: 22.497 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

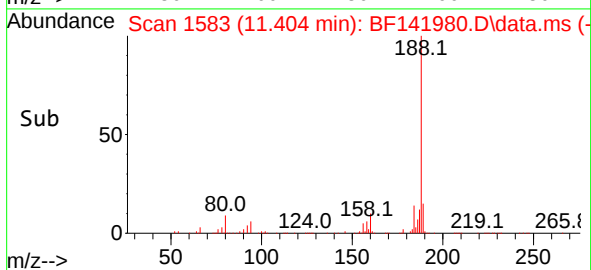
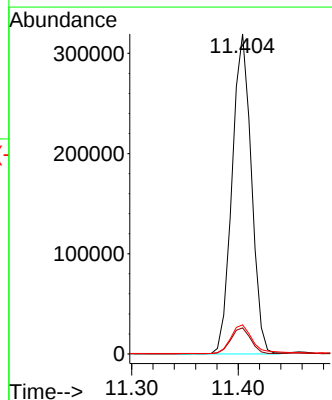
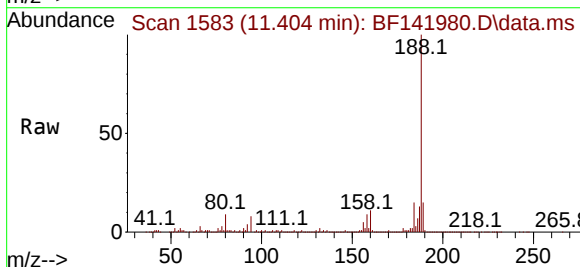
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

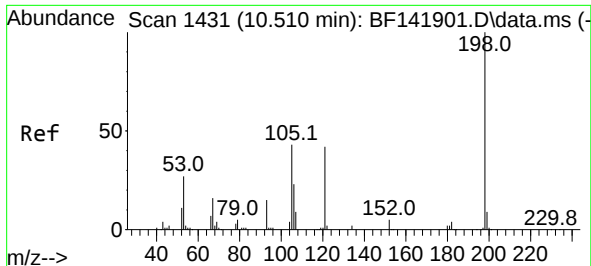
Tgt Ion:	77	Resp:	349006
Ion	Ratio	Lower	Upper
77	100		
182	31.5	6.6	46.6
105	25.7	1.3	41.3
51	29.4	10.4	50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion:	188	Resp:	402192
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.8	10.2
80	9.1	7.6	11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 5.701 ng

RT: 10.504 min Scan# 1431

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

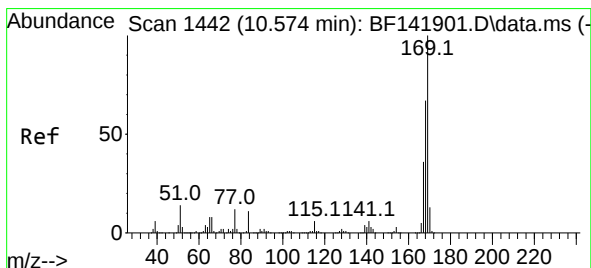
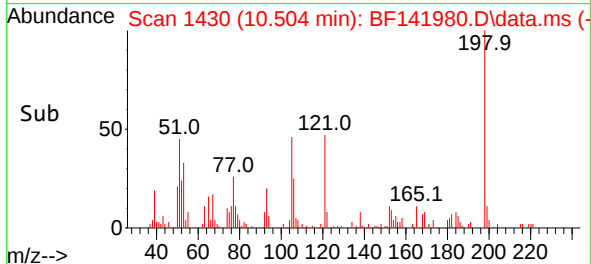
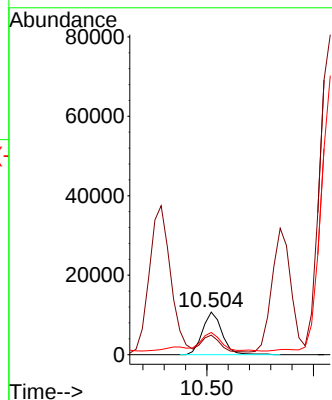
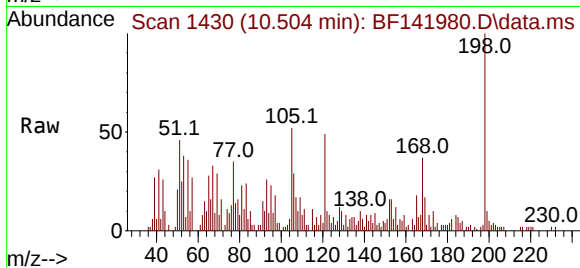
Tgt Ion:198 Resp: 13669

Ion Ratio Lower Upper

198 100

51 45.8 22.3 62.3

105 52.4 23.0 63.0



#66

n-Nitrosodiphenylamine

Concen: 22.978 ng

RT: 10.569 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

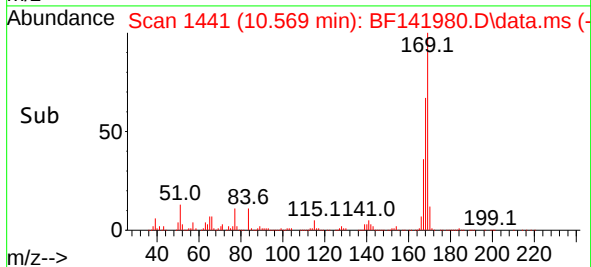
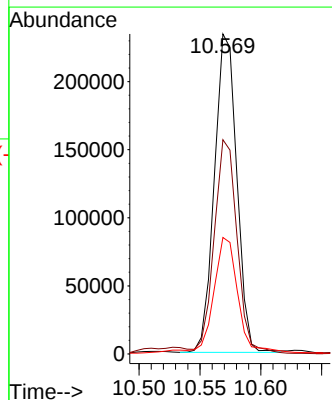
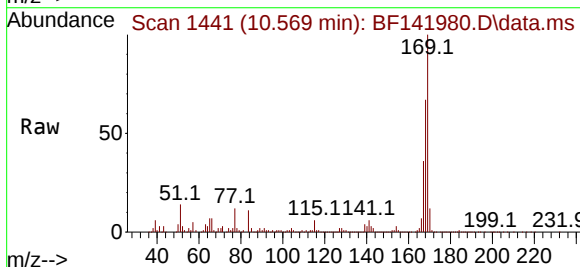
Tgt Ion:169 Resp: 299065

Ion Ratio Lower Upper

169 100

168 67.0 53.7 80.5

167 36.4 29.2 43.8

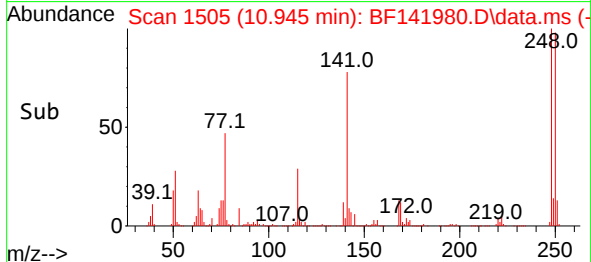
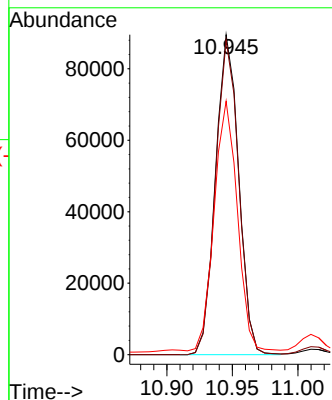
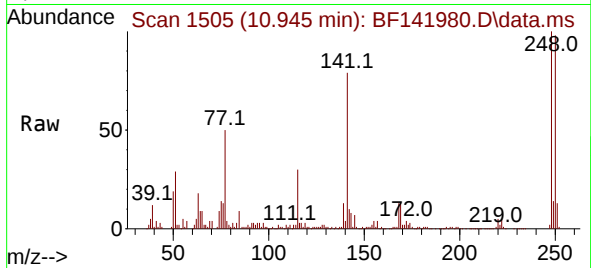




#67
4-Bromophenyl-phenylether
Concen: 21.832 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

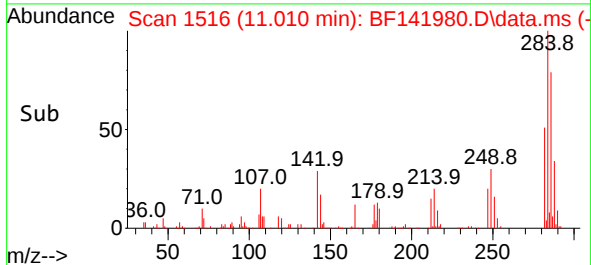
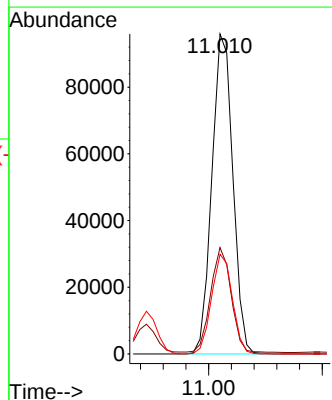
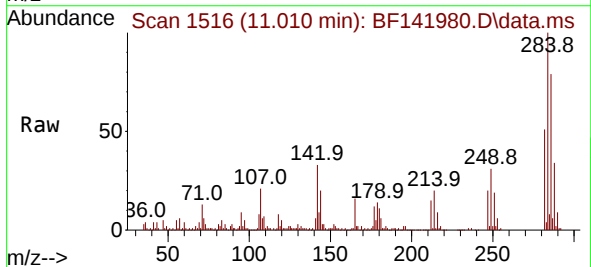
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

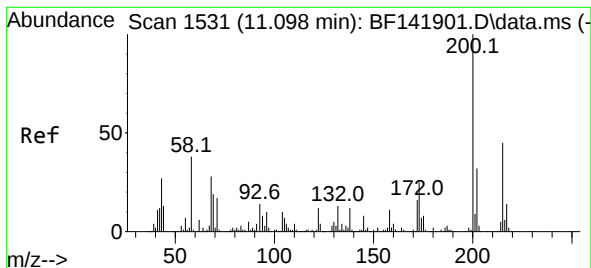
Tgt Ion:248 Resp: 110273
Ion Ratio Lower Upper
248 100
250 98.3 77.8 116.8
141 79.2 62.6 93.8



#68
Hexachlorobenzene
Concen: 22.119 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion:284 Resp: 122537
Ion Ratio Lower Upper
284 100
142 33.2 27.0 40.6
249 31.2 25.2 37.8





#69

Atrazine

Concen: 29.713 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

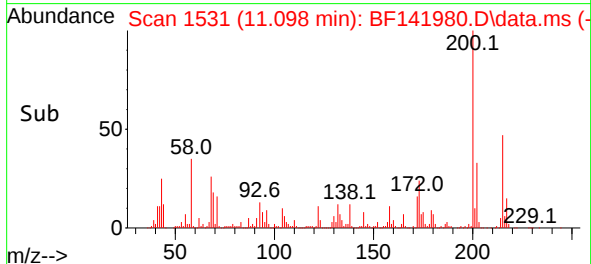
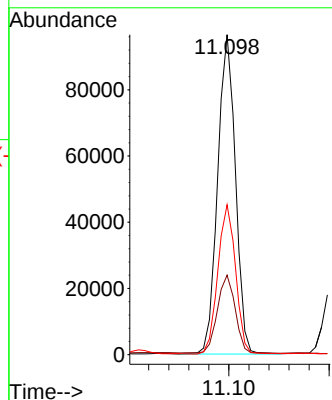
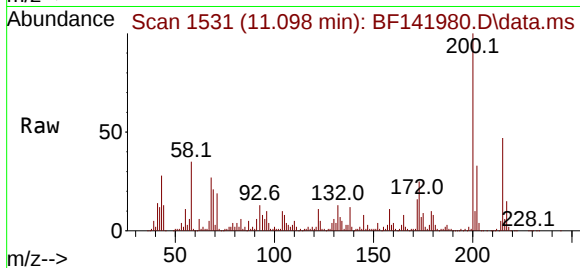
Tgt Ion:200 Resp: 118551

Ion Ratio Lower Upper

200 100

173 24.8 4.7 44.7

215 46.8 25.4 65.4



#70

Pentachlorophenol

Concen: 46.825 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

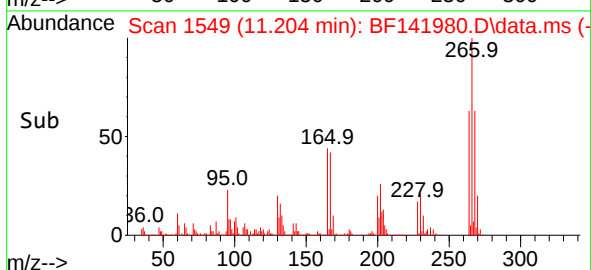
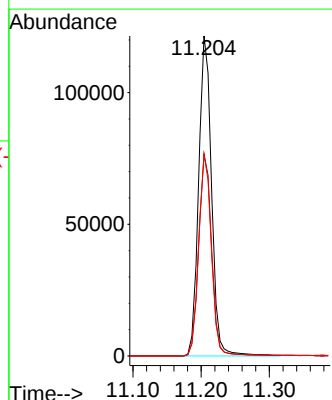
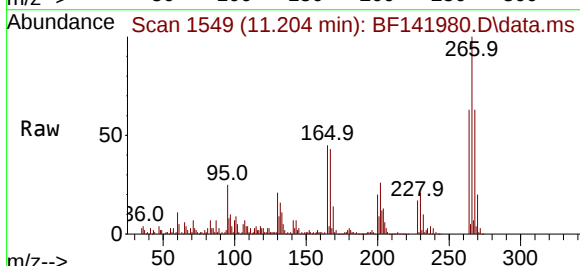
Tgt Ion:266 Resp: 159828

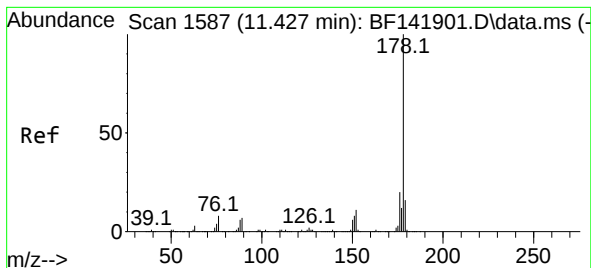
Ion Ratio Lower Upper

266 100

268 63.1 51.0 76.6

264 62.9 50.2 75.2





#71

Phenanthrene

Concen: 41.387 ng

RT: 11.428 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

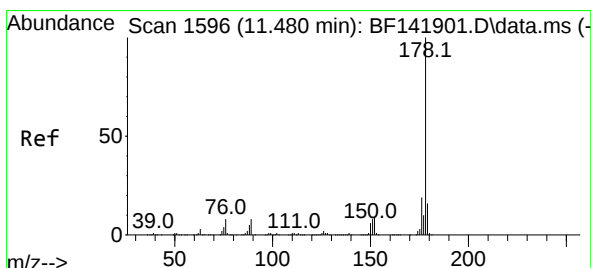
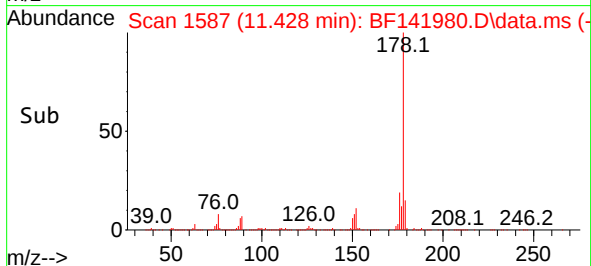
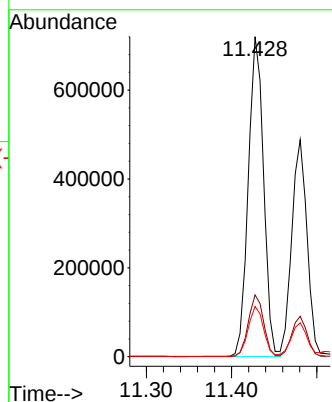
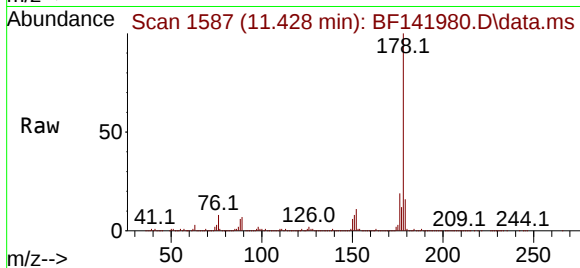
Tgt Ion:178 Resp: 899069

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

179 15.7 12.6 19.0



#72

Anthracene

Concen: 27.626 ng

RT: 11.481 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

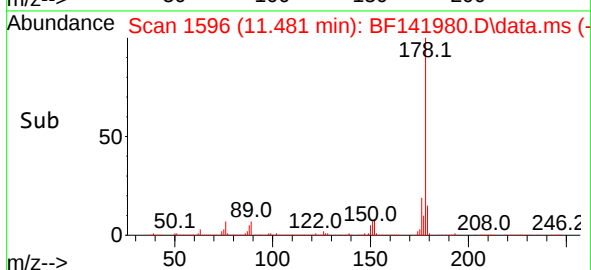
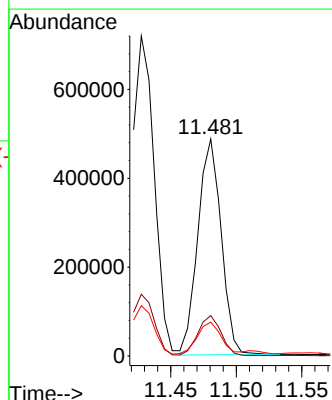
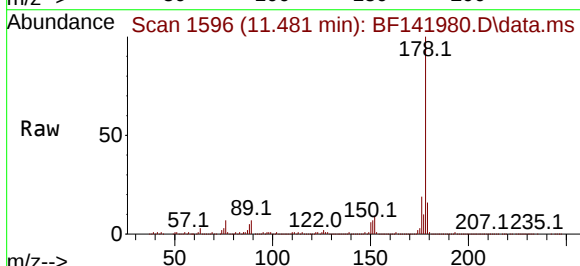
Tgt Ion:178 Resp: 602091

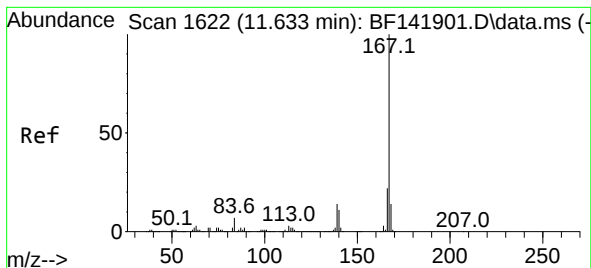
Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

179 15.6 12.6 19.0





#73

Carbazole

Concen: 25.628 ng

RT: 11.633 min Scan# 1622

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

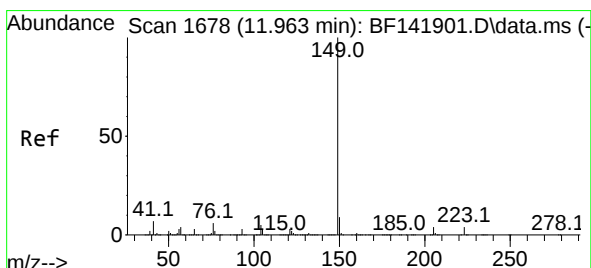
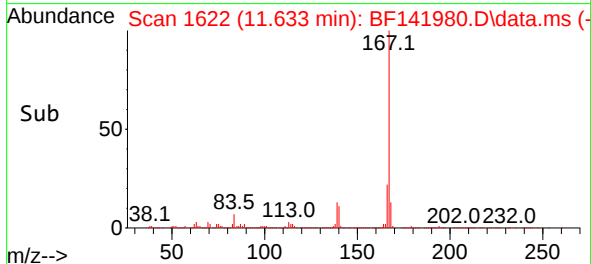
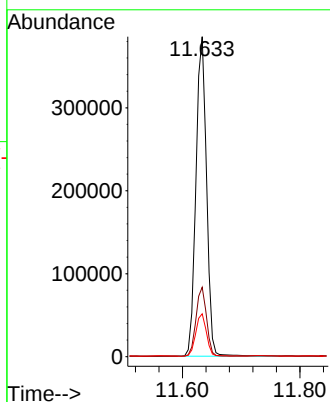
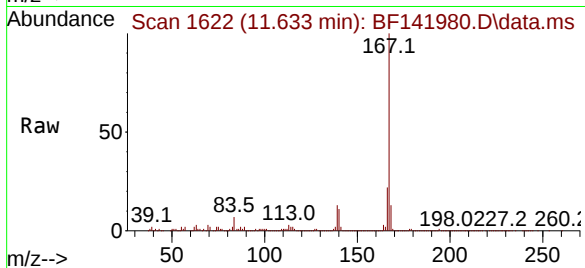
Tgt Ion:167 Resp: 481700

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 13.4 11.0 16.6



#74

Di-n-butylphthalate

Concen: 22.896 ng

RT: 11.963 min Scan# 1678

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

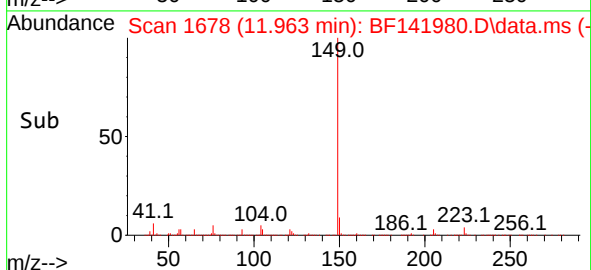
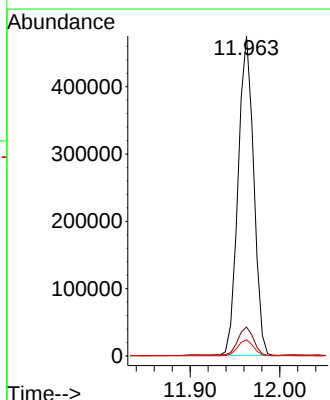
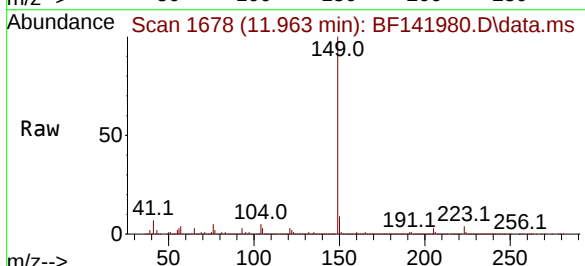
Tgt Ion:149 Resp: 571030

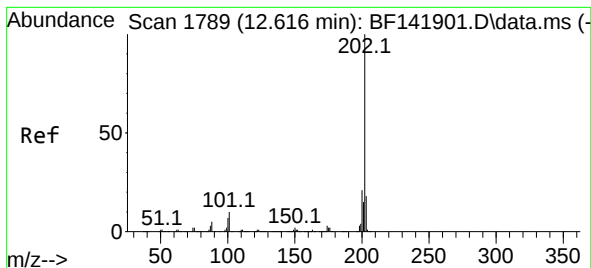
Ion Ratio Lower Upper

149 100

150 9.1 7.6 11.4

104 5.0 4.4 6.6





#75

Fluoranthene

Concen: 42.700 ng

RT: 12.616 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

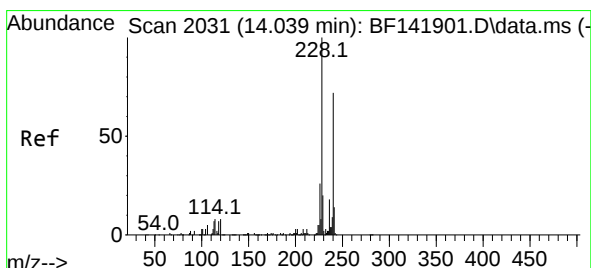
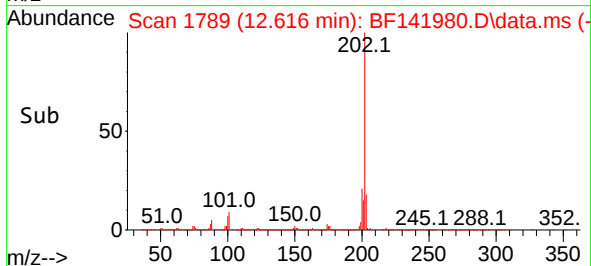
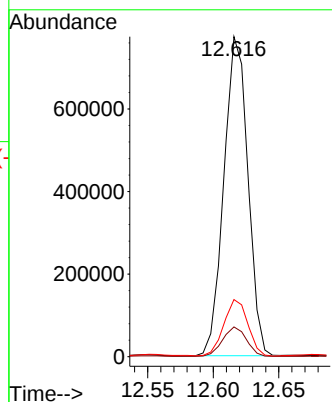
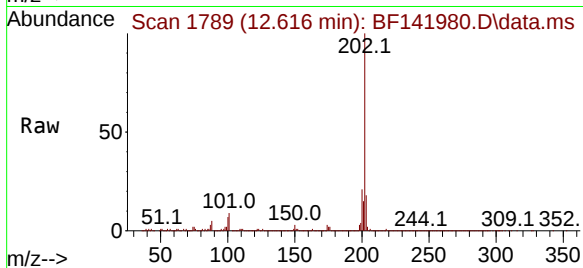
Tgt Ion:202 Resp: 983960

Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.7

203 17.8 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

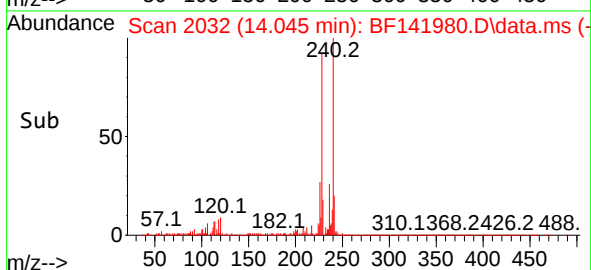
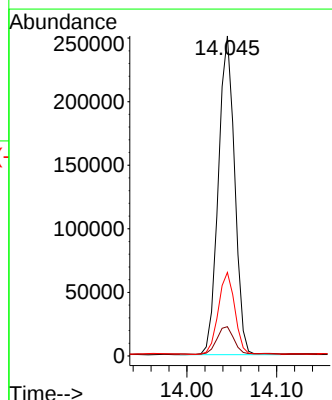
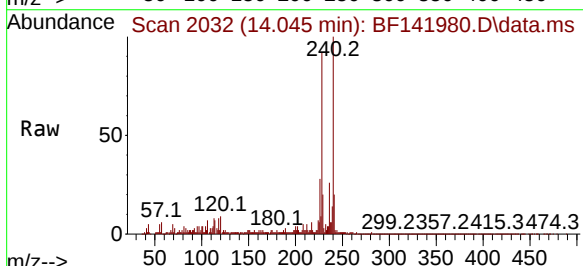
Tgt Ion:240 Resp: 316750

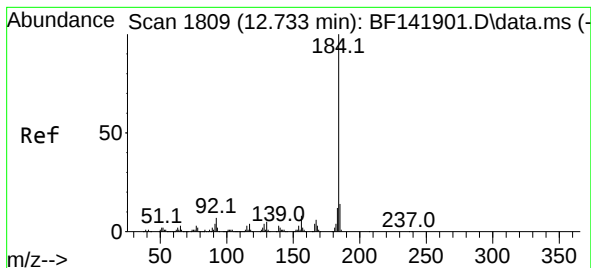
Ion Ratio Lower Upper

240 100

120 9.1 8.4 12.6

236 26.1 20.5 30.7





#77

Benzidine

Concen: 37.312 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

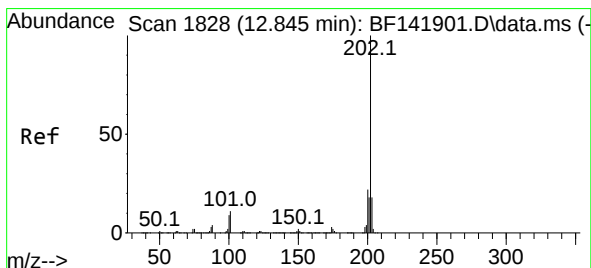
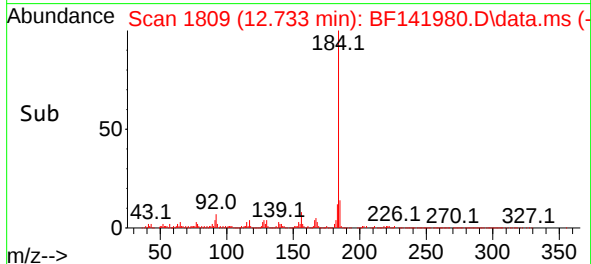
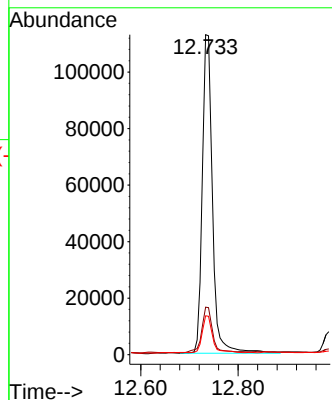
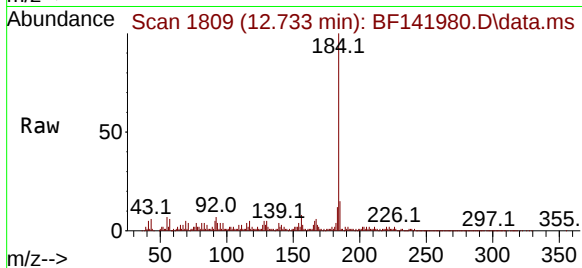
Tgt Ion:184 Resp: 164890

Ion Ratio Lower Upper

184 100

185 14.9 11.5 17.3

183 12.2 9.7 14.5



#78

Pyrene

Concen: 36.662 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

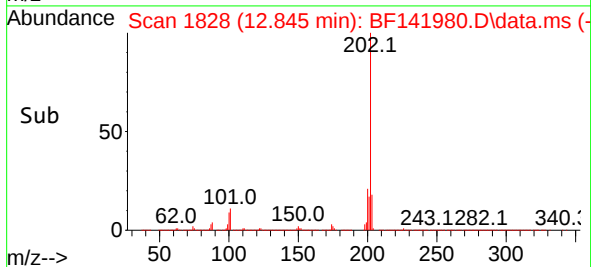
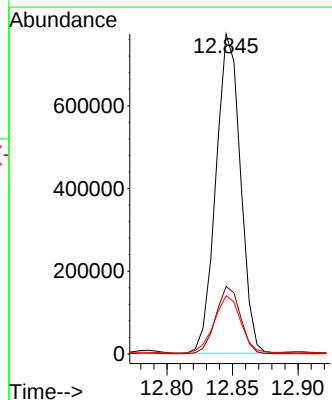
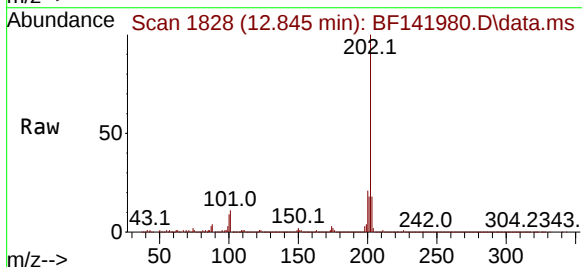
Tgt Ion:202 Resp: 1004516

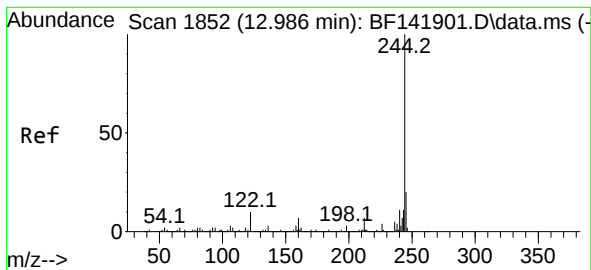
Ion Ratio Lower Upper

202 100

200 21.1 17.3 25.9

203 18.2 14.4 21.6





#79

Terphenyl-d14

Concen: 31.387 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

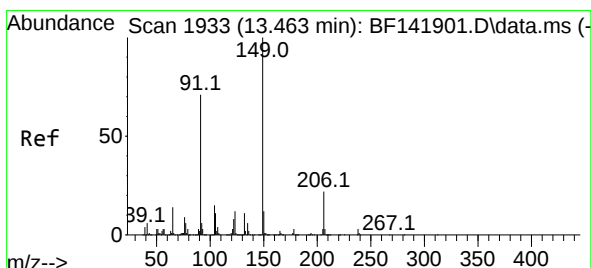
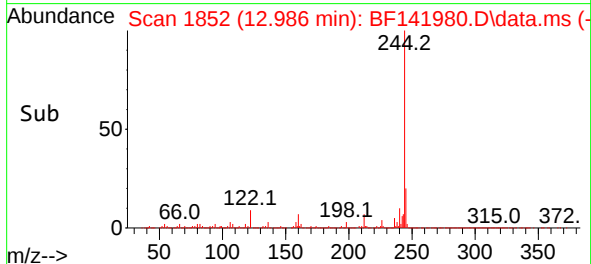
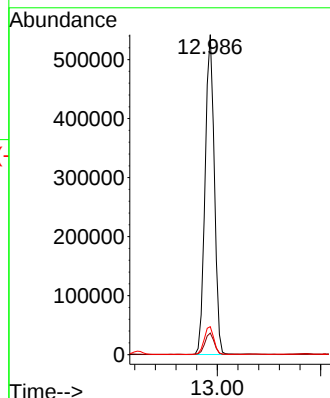
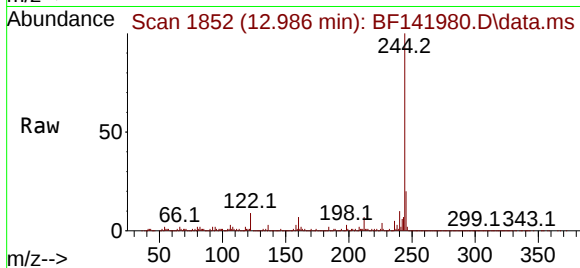
Tgt Ion:244 Resp: 672453

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

122 8.7 7.7 11.5



#80

Butylbenzylphthalate

Concen: 22.065 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

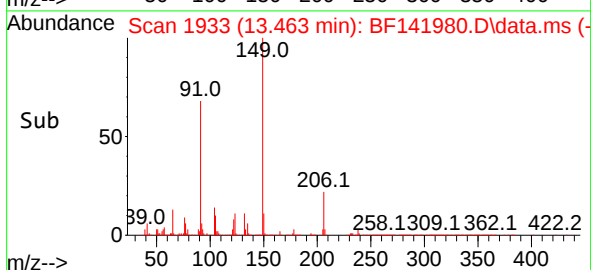
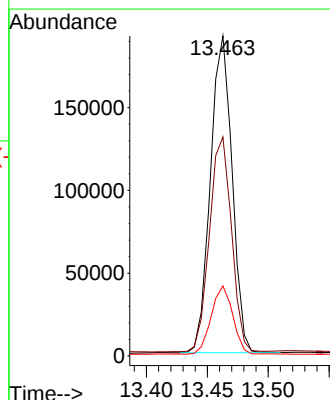
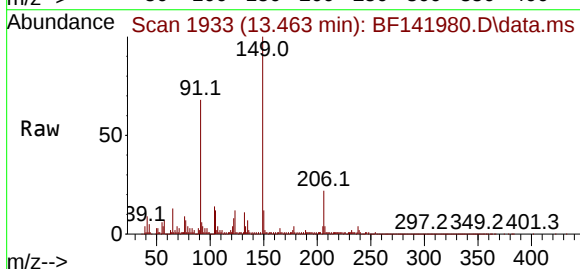
Tgt Ion:149 Resp: 236626

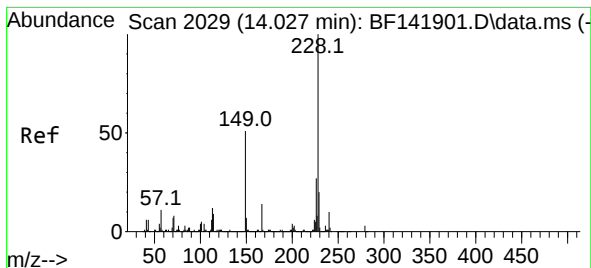
Ion Ratio Lower Upper

149 100

91 68.4 56.5 84.7

206 21.9 17.3 25.9





#81

Benzo(a)anthracene

Concen: 32.193 ng

RT: 14.033 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

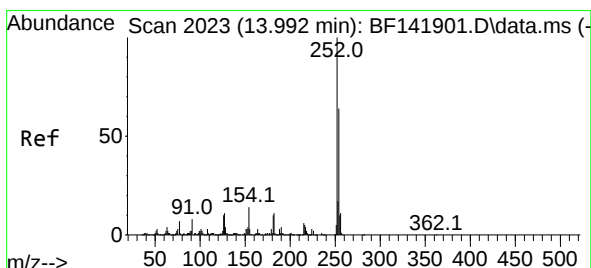
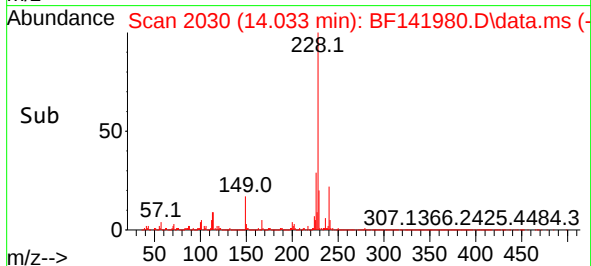
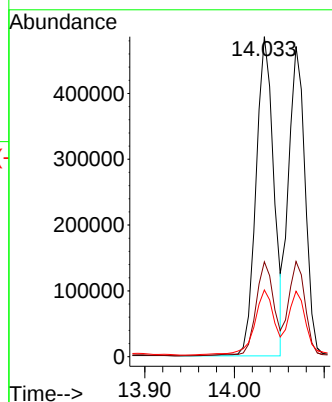
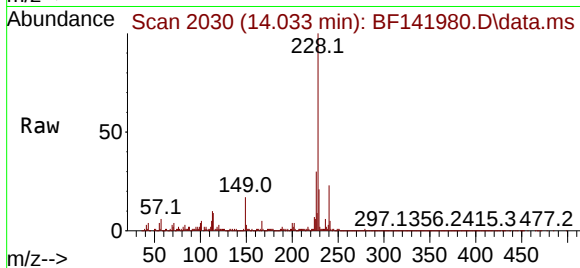
Tgt Ion:228 Resp: 669134

Ion Ratio Lower Upper

228 100

226 29.6 21.8 32.8

229 20.8 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 21.668 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

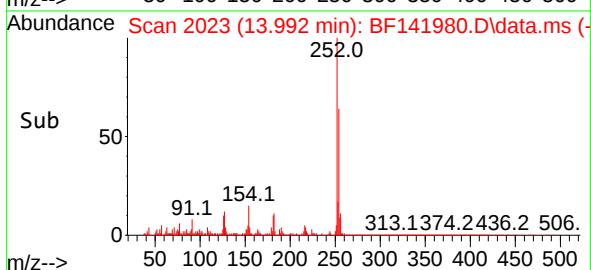
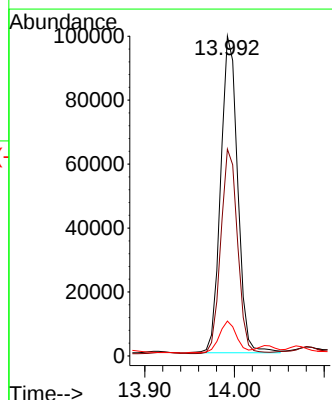
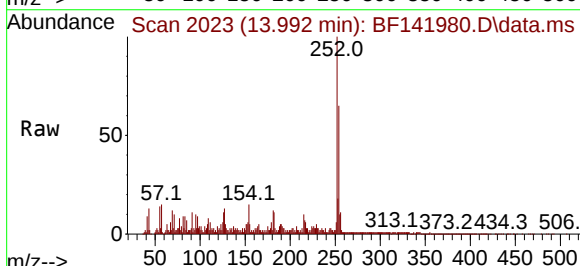
Tgt Ion:252 Resp: 130151

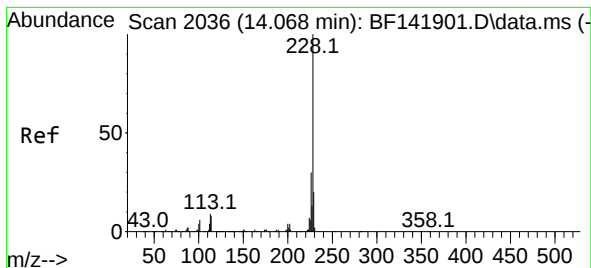
Ion Ratio Lower Upper

252 100

254 64.7 51.0 76.6

126 10.9 8.4 12.6





#83

Chrysene

Concen: 31.773 ng

RT: 14.069 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

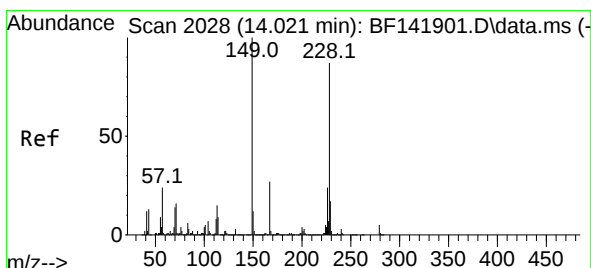
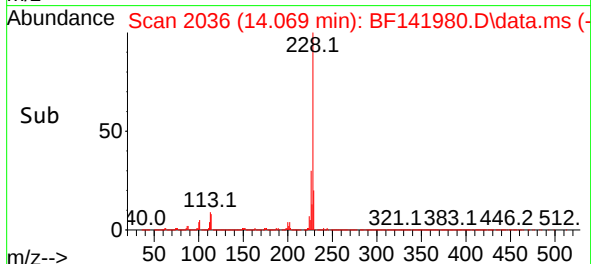
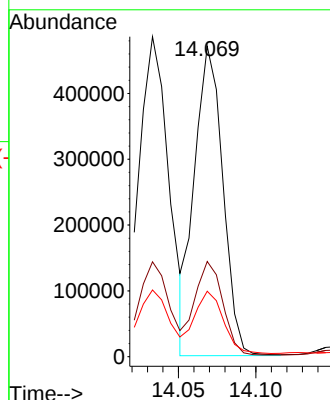
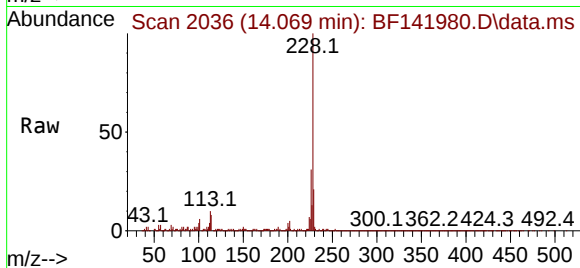
Tgt Ion:228 Resp: 598647

Ion Ratio Lower Upper

228 100

226 30.7 24.1 36.1

229 21.1 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 22.638 ng

RT: 14.022 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

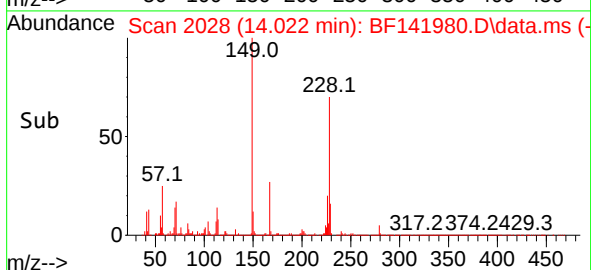
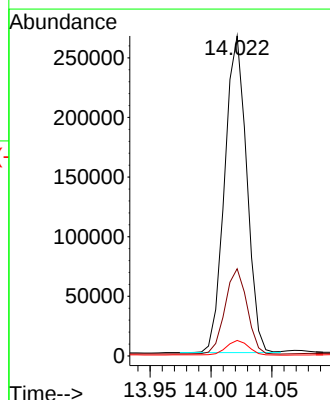
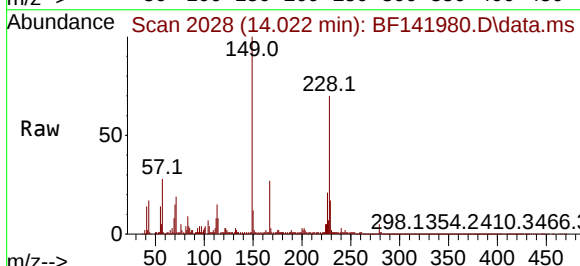
Tgt Ion:149 Resp: 334726

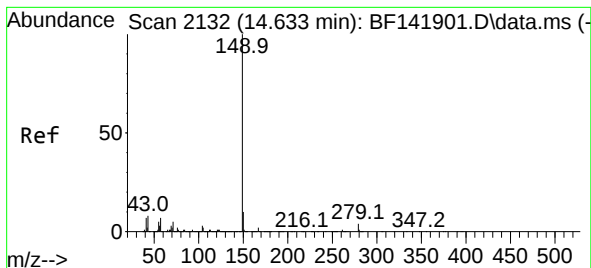
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 4.9 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 24.861 ng

RT: 14.633 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

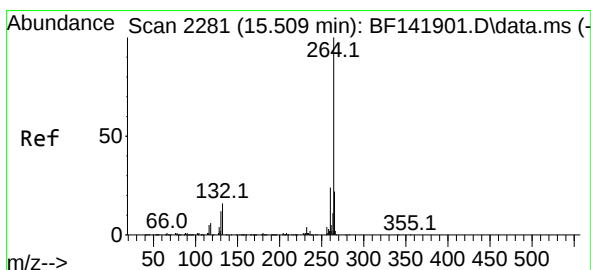
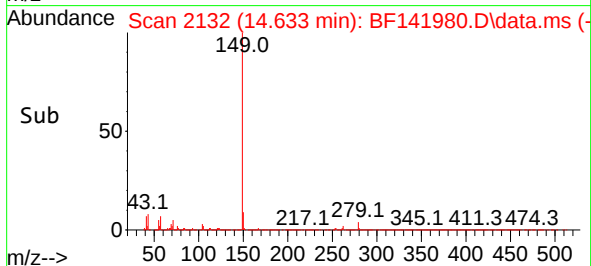
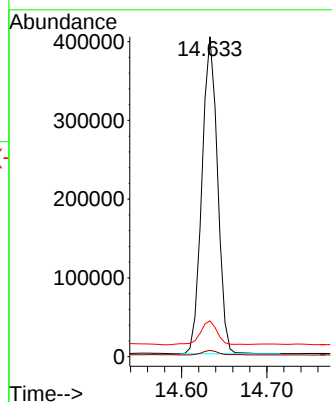
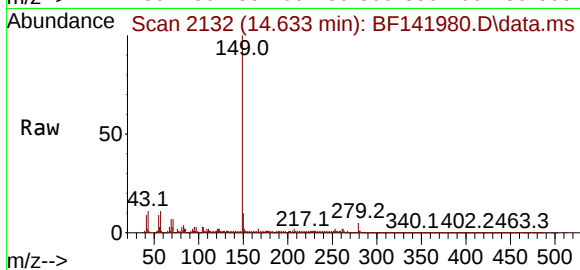
Tgt Ion:149 Resp: 511488

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.4 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. 0.012 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

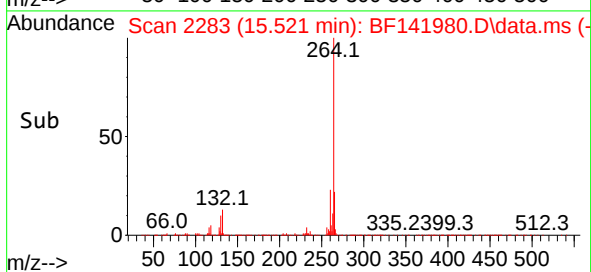
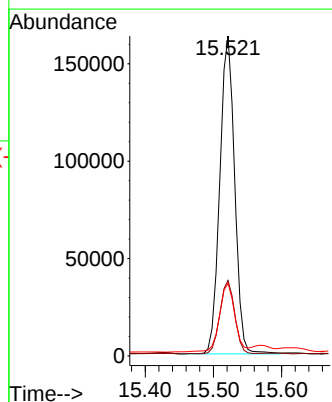
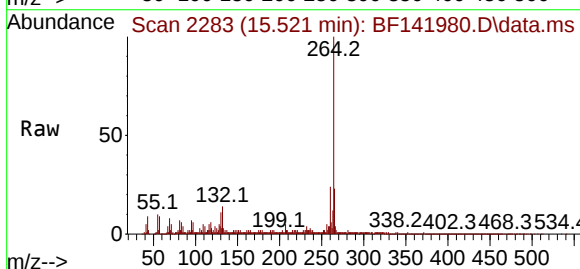
Tgt Ion:264 Resp: 247894

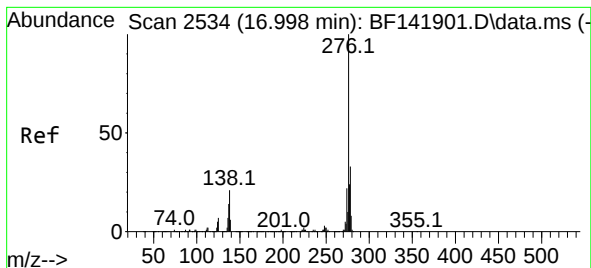
Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 22.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 24.719 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

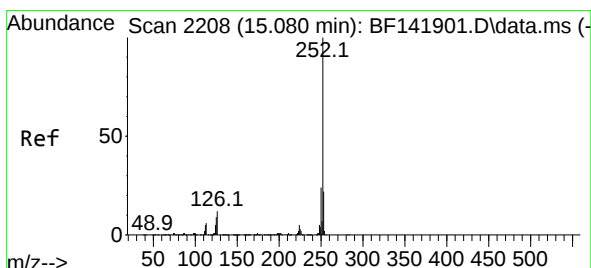
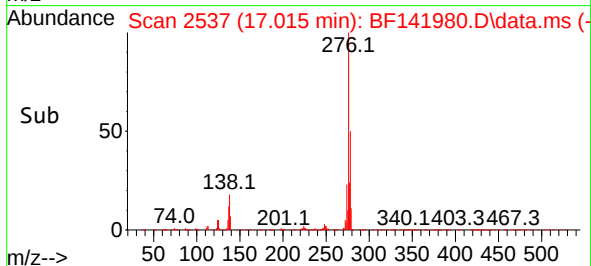
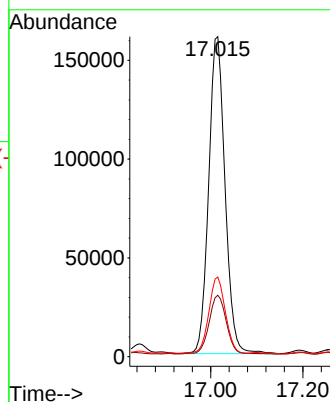
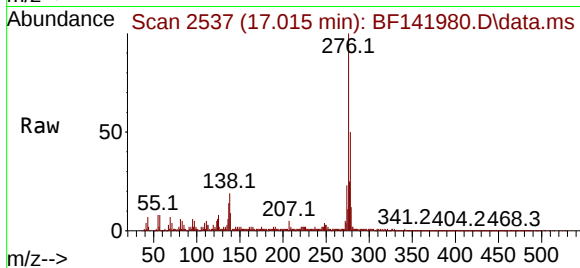
Tgt Ion:276 Resp: 396395

Ion Ratio Lower Upper

276 100

138 19.6 18.4 27.6

277 24.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 33.378 ng

RT: 15.086 min Scan# 2209

Delta R.T. 0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

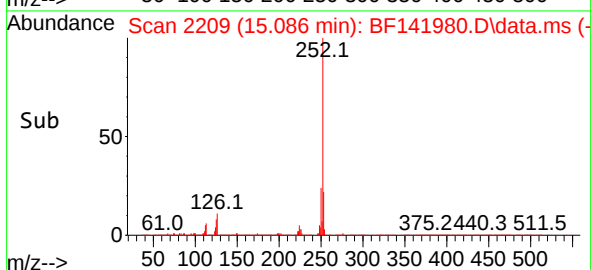
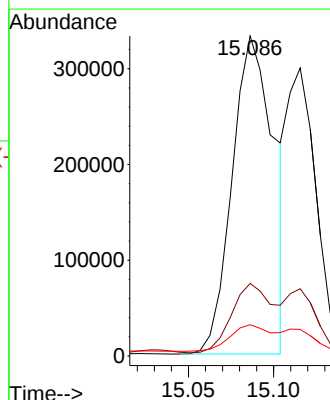
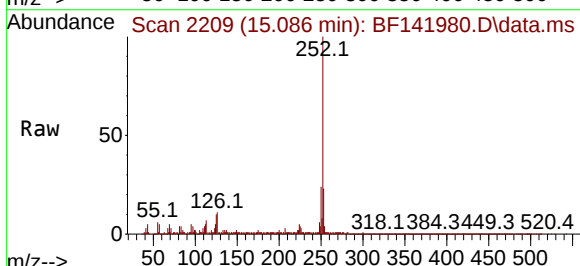
Tgt Ion:252 Resp: 567086

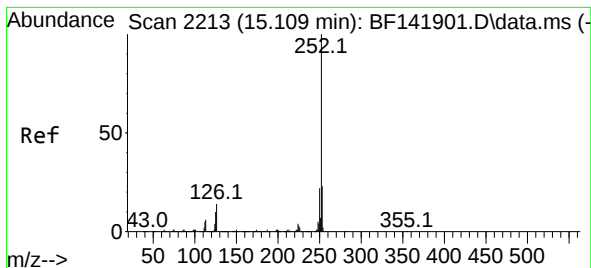
Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

125 9.8 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 24.093 ng

RT: 15.116 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

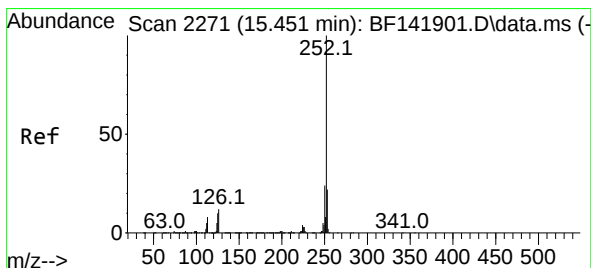
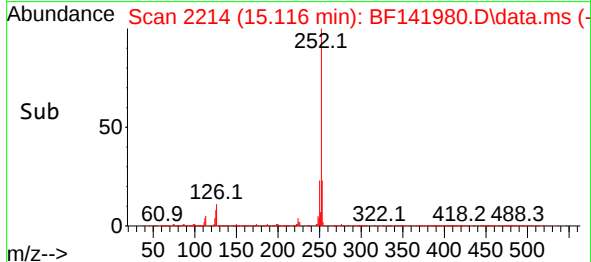
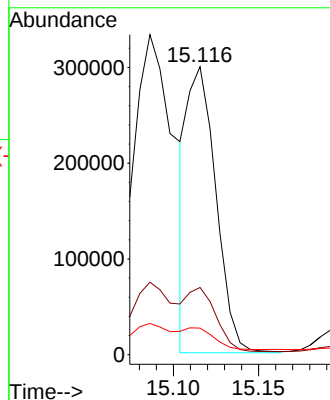
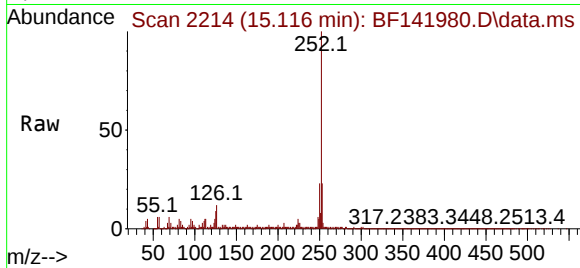
Tgt Ion:252 Resp: 350299

Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

125 9.2 7.2 10.8



#90

Benzo(a)pyrene

Concen: 32.384 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

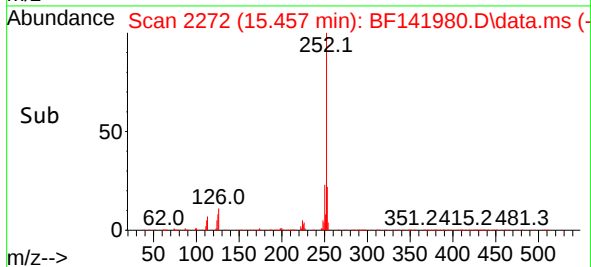
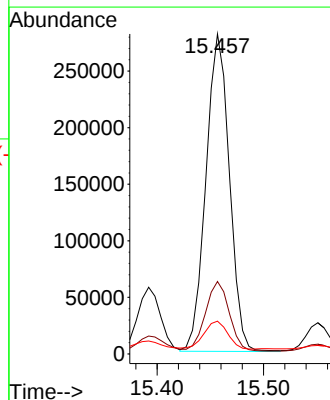
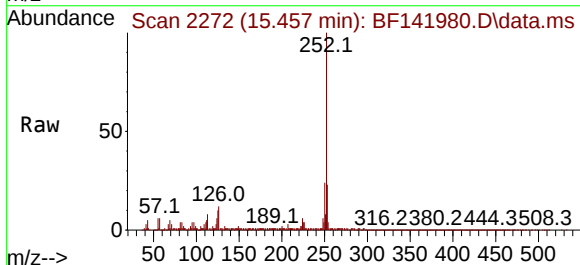
Tgt Ion:252 Resp: 430507

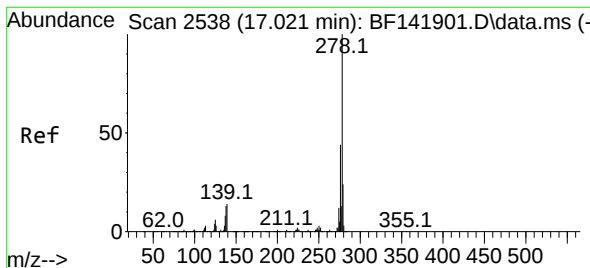
Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

125 10.2 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 21.348 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

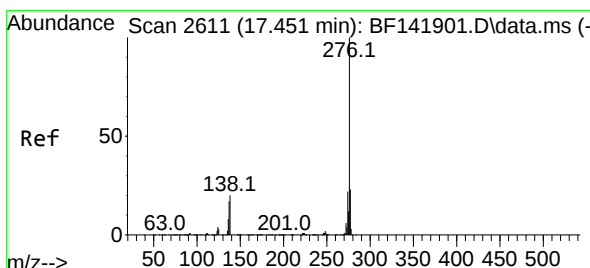
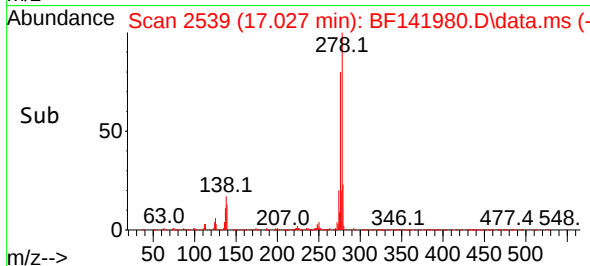
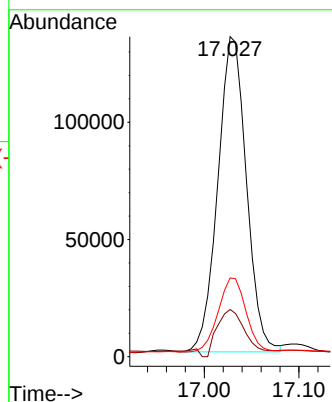
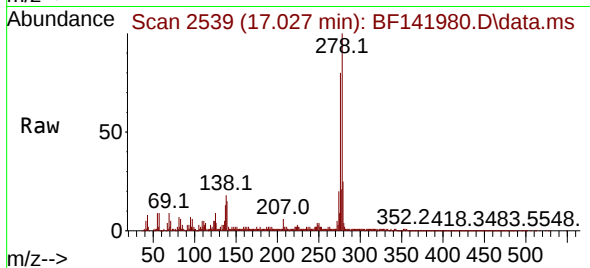
Tgt Ion:278 Resp: 282448

Ion Ratio Lower Upper

278 100

139 14.7 11.4 17.2

279 24.6 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 24.288 ng

RT: 17.462 min Scan# 2613

Delta R.T. 0.012 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Tgt Ion:276 Resp: 317558

Ion Ratio Lower Upper

276 100

277 24.1 18.7 28.1

138 17.9 15.8 23.8

