

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139976.D
 Acq On : 23 Oct 2024 20:51
 Operator : RC/JU
 Sample : P4397-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-301-BOT

Quant Time: Oct 24 01:12:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

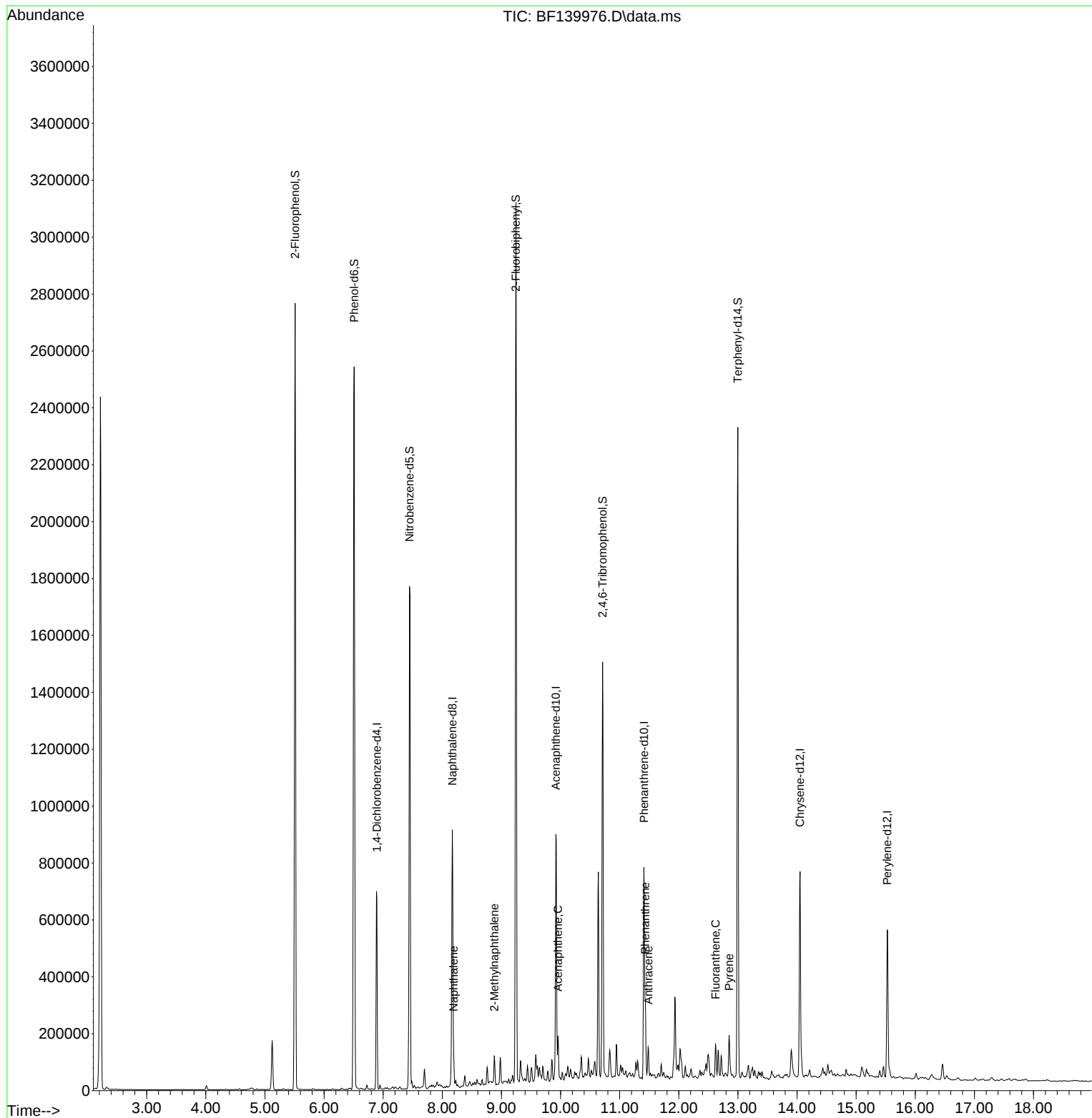
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	146113	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	542139	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	263407	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	381099	20.000	ng	0.00
76) Chrysene-d12	14.051	240	321287	20.000	ng	0.00
86) Perylene-d12	15.527	264	306800	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1058310	113.390	ng	0.01
7) Phenol-d6	6.510	99	1308970	108.285	ng	0.00
23) Nitrobenzene-d5	7.445	82	819717	83.801	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	251339	102.012	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1364688	85.625	ng	0.00
79) Terphenyl-d14	12.998	244	1135897	57.610	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.192	128	56302	2.014	ng	99
37) 2-Methylnaphthalene	8.881	142	37673	2.200	ng	98
52) Acenaphthene	9.957	154	43848	3.175	ng	98
71) Phenanthrene	11.433	178	135628	7.534	ng	99
72) Anthracene	11.486	178	43687	2.487	ng	99
75) Fluoranthene	12.622	202	61855	3.399	ng	100
78) Pyrene	12.851	202	81427	2.895	ng	99

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

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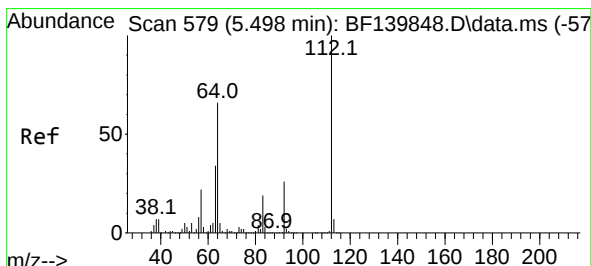
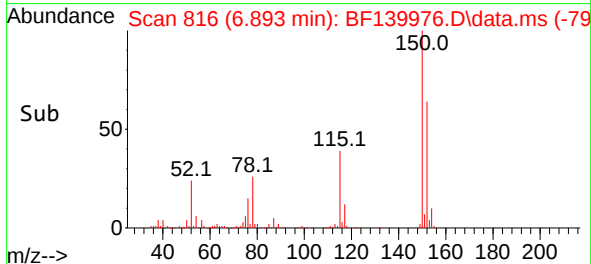
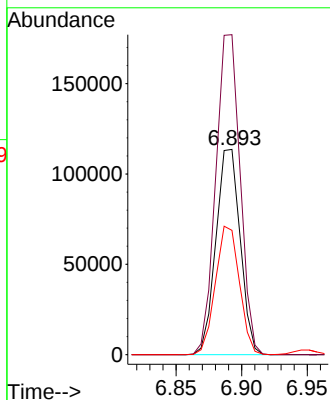
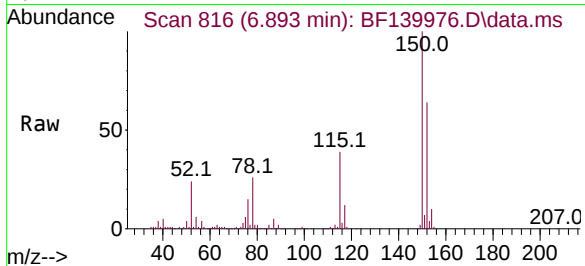




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139976.D
Acq: 23 Oct 2024 20:51

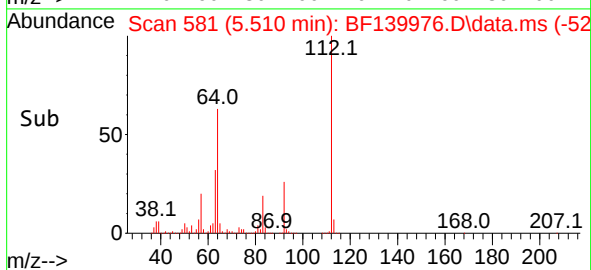
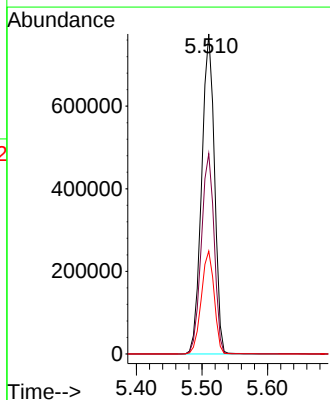
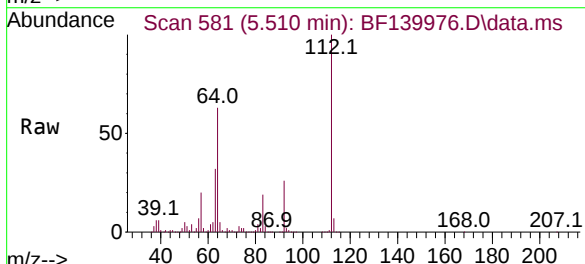
Instrument :
BNA_F
ClientSampleId :
WB-301-BOT

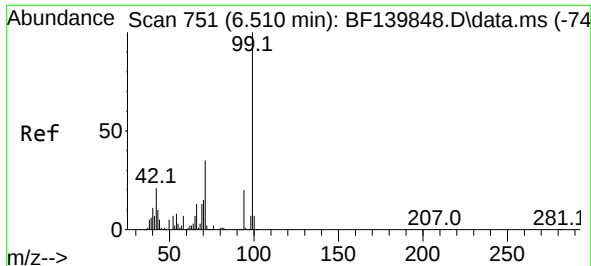
Tgt Ion:152 Resp: 146113
Ion Ratio Lower Upper
152 100
150 155.9 130.2 195.2
115 60.5 51.4 77.2



#5
2-Fluorophenol
Concen: 113.390 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF139976.D
Acq: 23 Oct 2024 20:51

Tgt Ion:112 Resp: 1058310
Ion Ratio Lower Upper
112 100
64 62.6 53.0 79.6
63 32.2 27.0 40.4

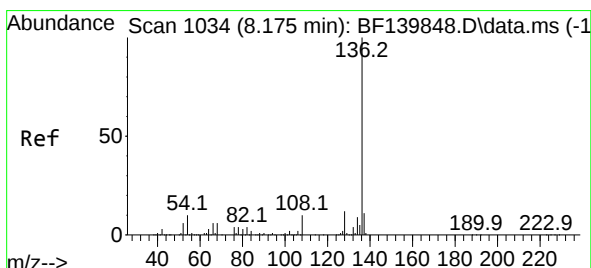
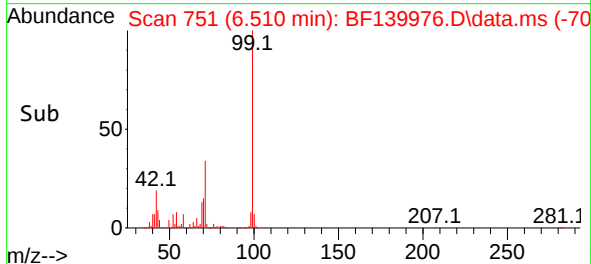
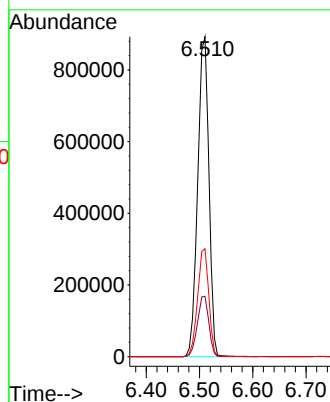
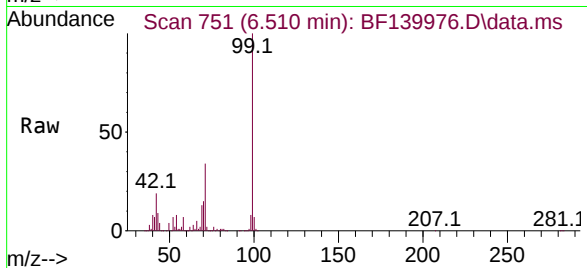




#7
Phenol-d6
Concen: 108.285 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139976.D
Acq: 23 Oct 2024 20:51

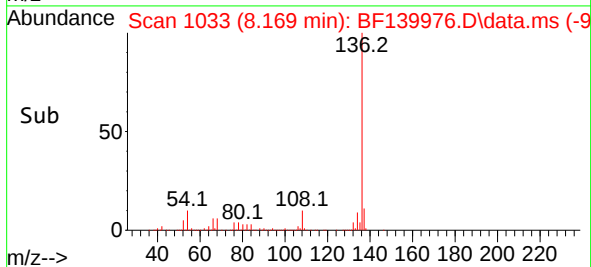
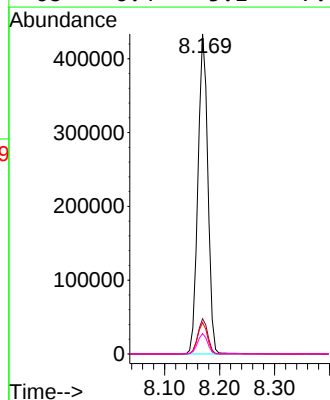
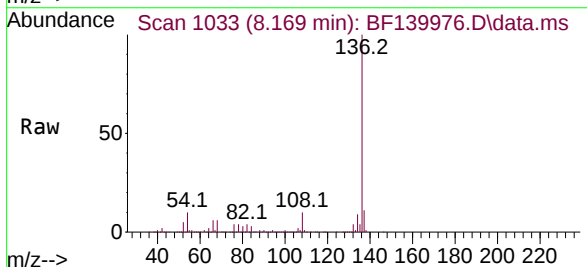
Instrument :
BNA_F
ClientSampleId :
WB-301-BOT

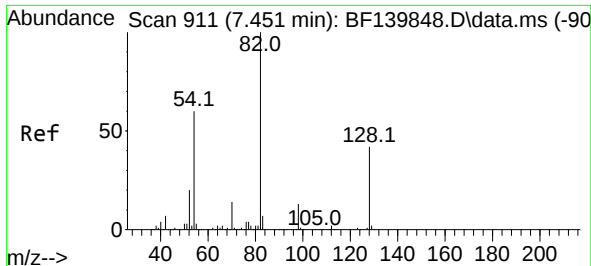
Tgt Ion: 99 Resp: 1308970
Ion Ratio Lower Upper
99 100
42 18.9 16.7 25.1
71 33.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139976.D
Acq: 23 Oct 2024 20:51

Tgt Ion: 136 Resp: 542139
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.8 8.4 12.6
68 6.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 83.801 ng

RT: 7.445 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF139976.D

Acq: 23 Oct 2024 20:51

Instrument :

BNA_F

ClientSampleId :

WB-301-BOT

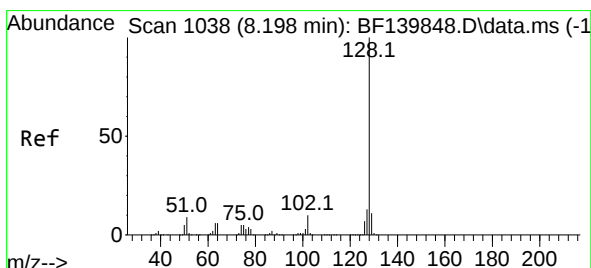
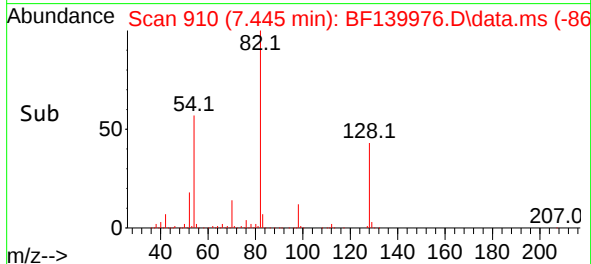
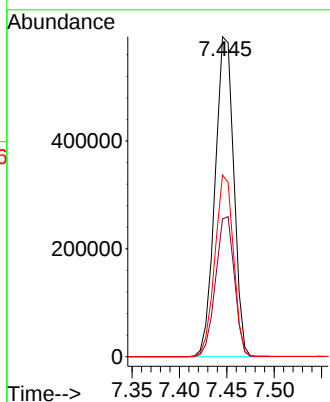
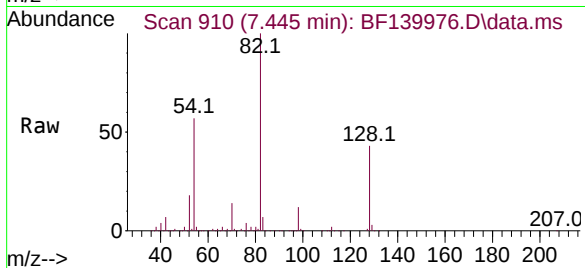
Tgt Ion: 82 Resp: 819717

Ion Ratio Lower Upper

82 100

128 43.1 33.4 50.0

54 56.8 47.8 71.8



#31

Naphthalene

Concen: 2.014 ng

RT: 8.192 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF139976.D

Acq: 23 Oct 2024 20:51

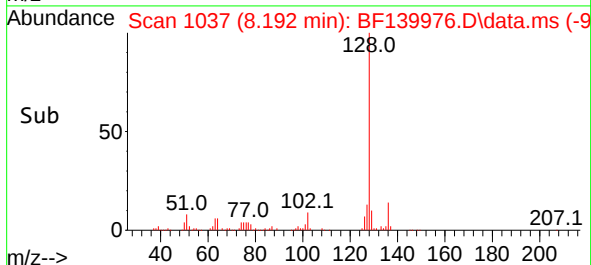
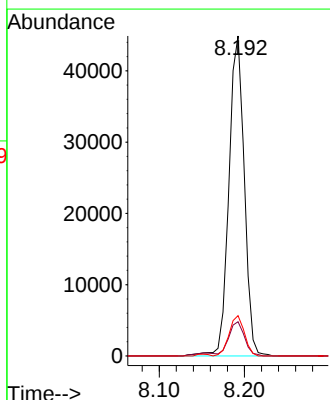
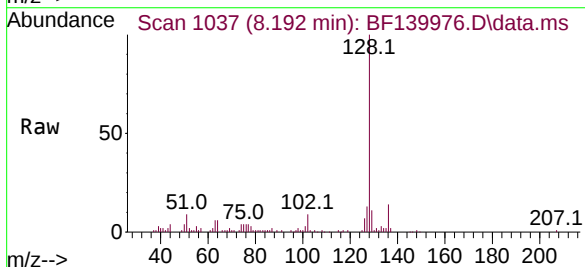
Tgt Ion:128 Resp: 56302

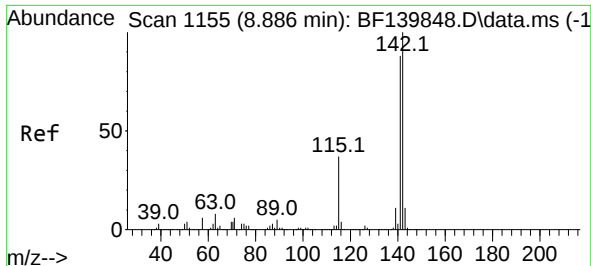
Ion Ratio Lower Upper

128 100

129 10.7 8.9 13.3

127 12.6 10.6 16.0





#37

2-Methylnaphthalene

Concen: 2.200 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF139976.D

Acq: 23 Oct 2024 20:51

Instrument :

BNA_F

ClientSampleId :

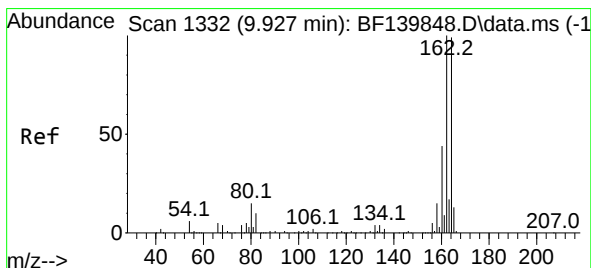
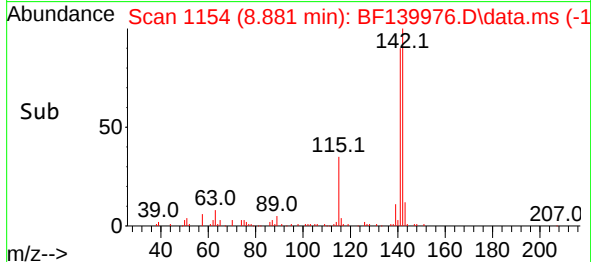
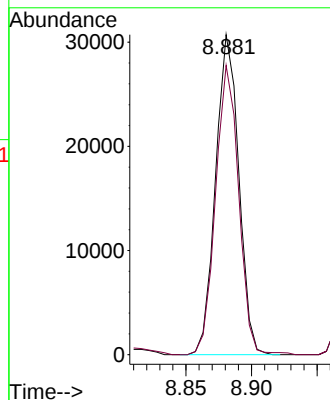
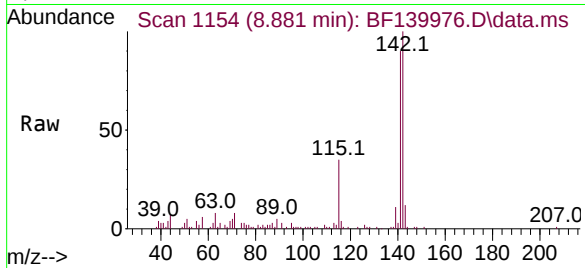
WB-301-BOT

Tgt Ion:142 Resp: 37673

Ion Ratio Lower Upper

142 100

141 90.4 70.8 106.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.005 min

Lab File: BF139976.D

Acq: 23 Oct 2024 20:51

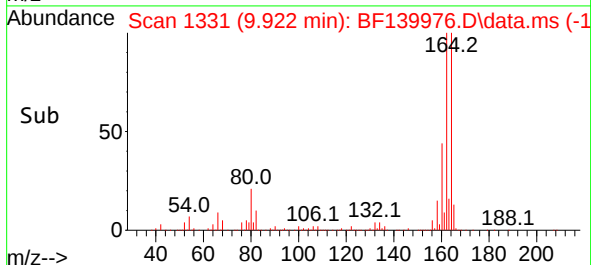
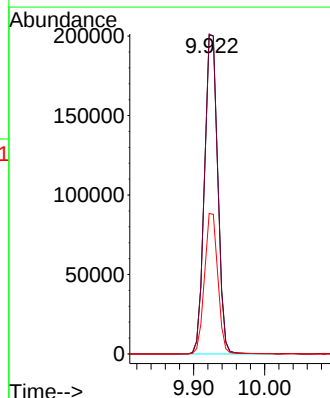
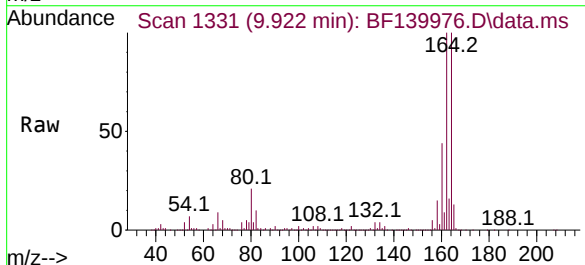
Tgt Ion:164 Resp: 263407

Ion Ratio Lower Upper

164 100

162 100.3 81.0 121.4

160 44.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 102.012 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139976.D

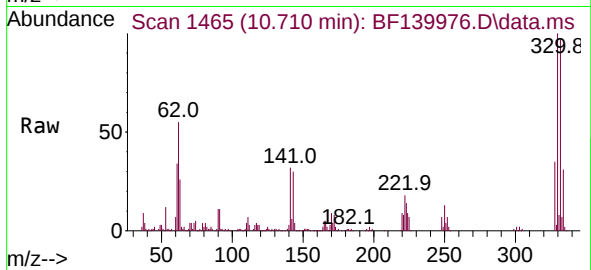
Acq: 23 Oct 2024 20:51

Instrument :

BNA_F

ClientSampleId :

WB-301-BOT



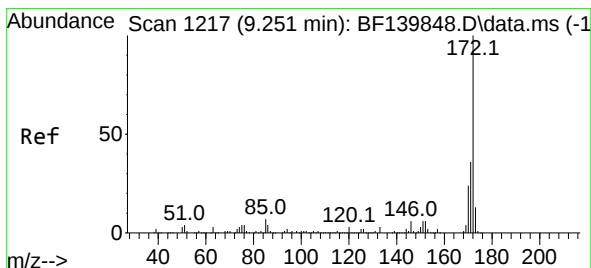
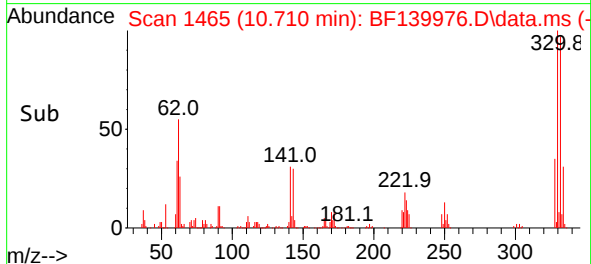
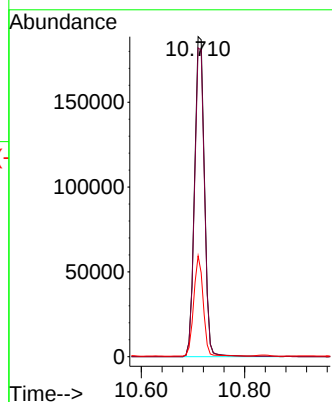
Tgt Ion:330 Resp: 251339

Ion Ratio Lower Upper

330 100

332 96.8 78.1 117.1

141 30.0 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 85.625 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139976.D

Acq: 23 Oct 2024 20:51

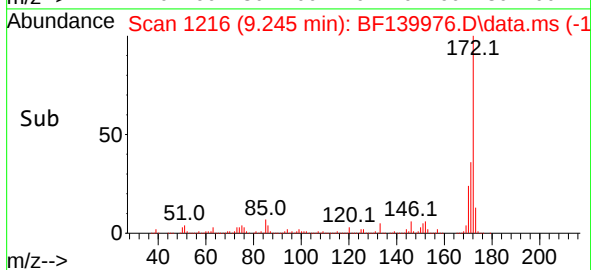
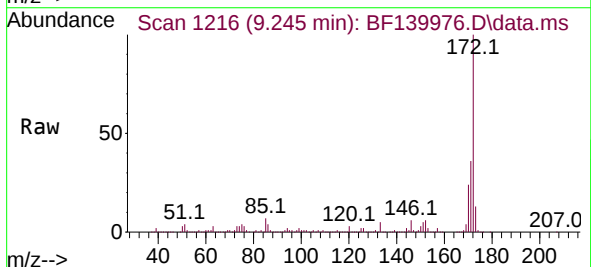
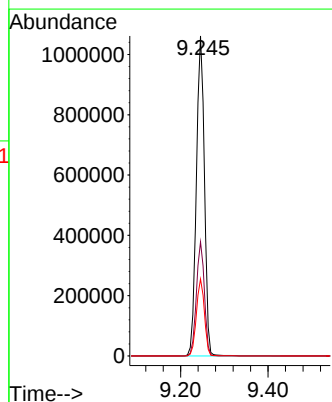
Tgt Ion:172 Resp: 1364688

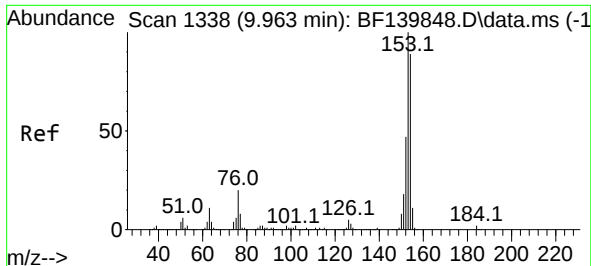
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 24.1 19.1 28.7

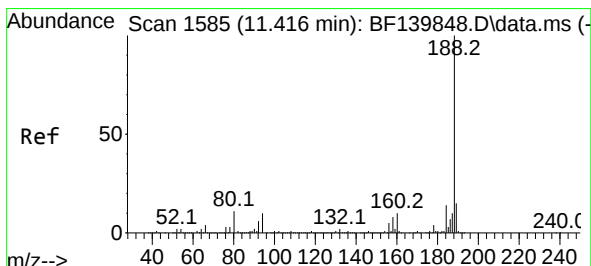
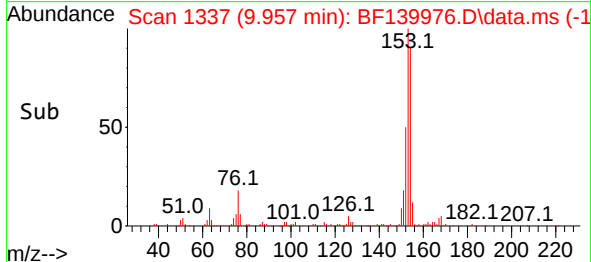
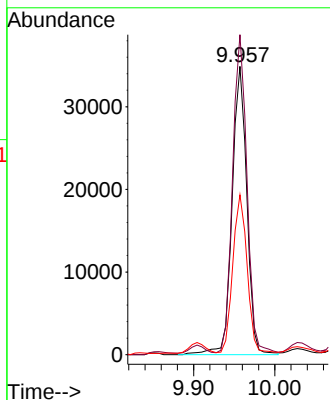
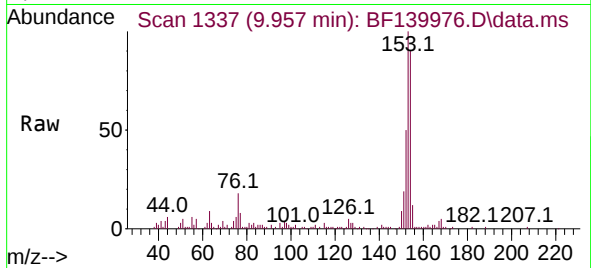




#52
Acenaphthene
Concen: 3.175 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139976.D
Acq: 23 Oct 2024 20:51

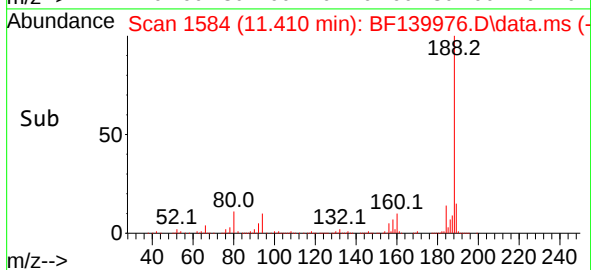
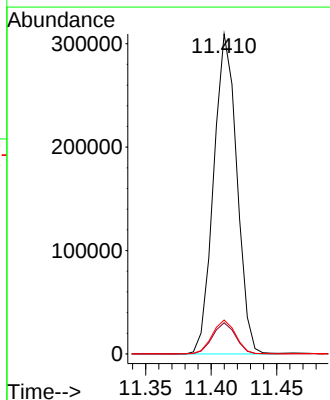
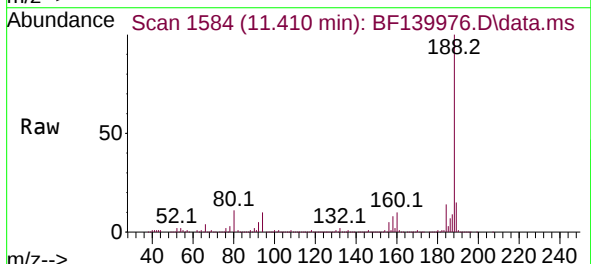
Instrument :
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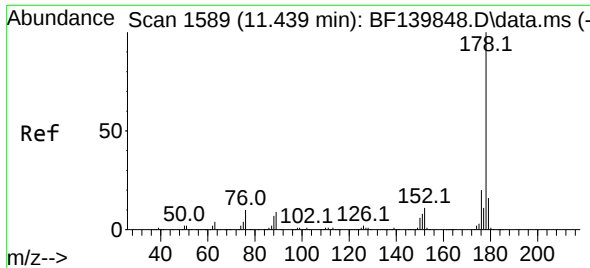
Tgt Ion:154 Resp: 43848
Ion Ratio Lower Upper
154 100
153 111.0 89.8 134.6
152 55.5 42.4 63.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139976.D
Acq: 23 Oct 2024 20:51

Tgt Ion:188 Resp: 381099
Ion Ratio Lower Upper
188 100
94 9.7 7.9 11.9
80 10.6 9.0 13.4

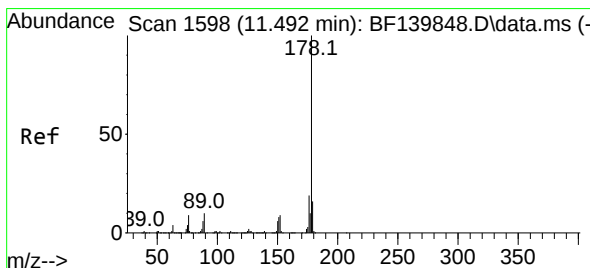
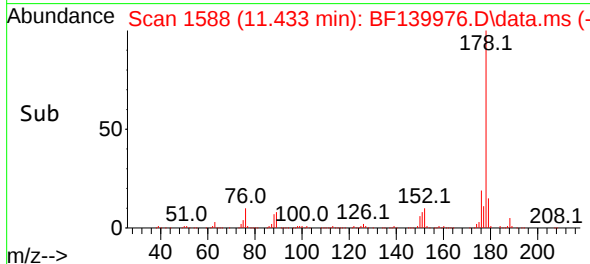
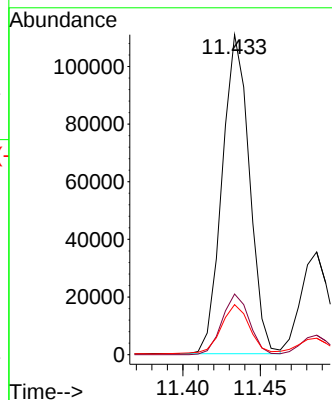
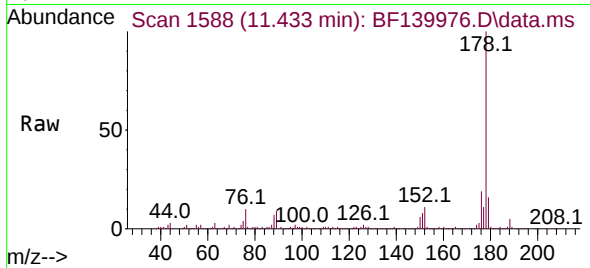




#71
Phenanthrene
Concen: 7.534 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139976.D
Acq: 23 Oct 2024 20:51

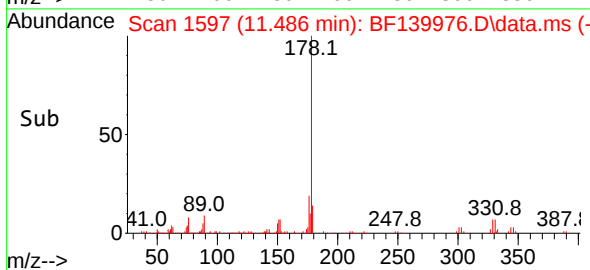
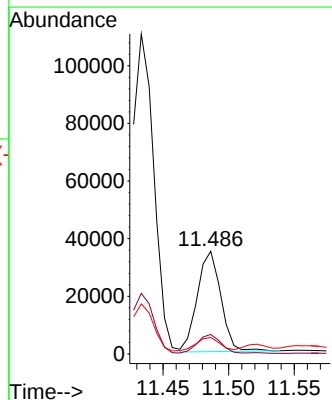
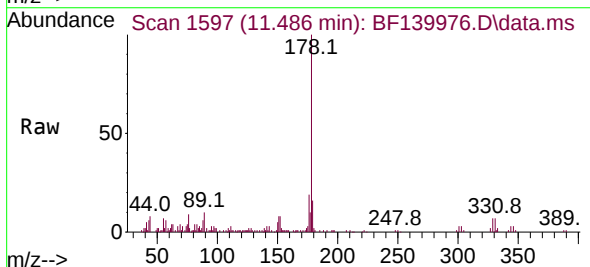
Instrument :
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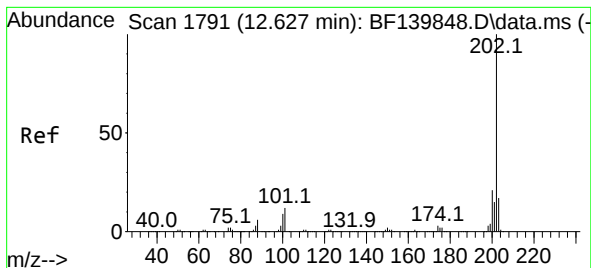
Tgt Ion:178 Resp: 135628
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.6
179 15.6 12.6 18.8



#72
Anthracene
Concen: 2.487 ng
RT: 11.486 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF139976.D
Acq: 23 Oct 2024 20:51

Tgt Ion:178 Resp: 43687
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 16.0 12.4 18.6

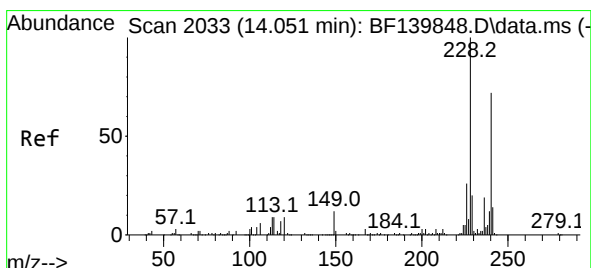
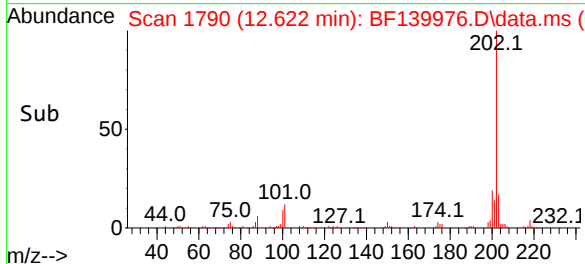
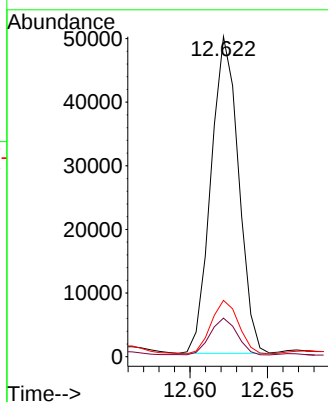
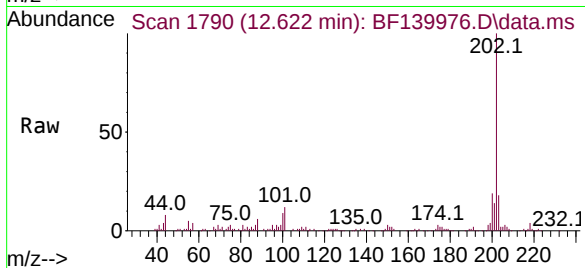




#75
Fluoranthene
Concen: 3.399 ng
RT: 12.622 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF139976.D
Acq: 23 Oct 2024 20:51

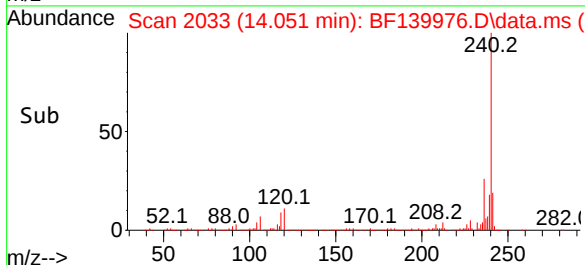
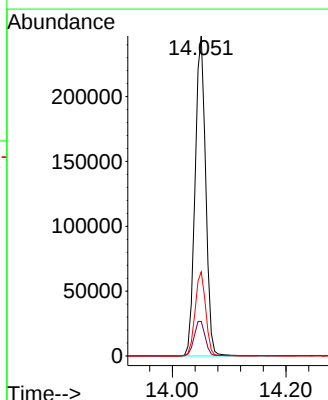
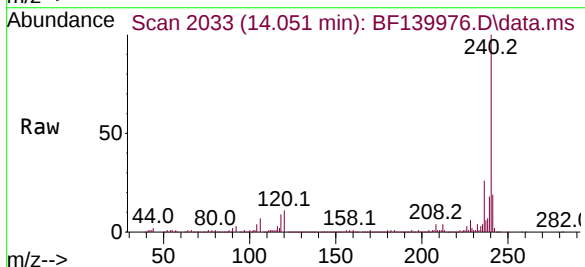
Instrument :
BNA_F
ClientSampleId :
WB-301-BOT

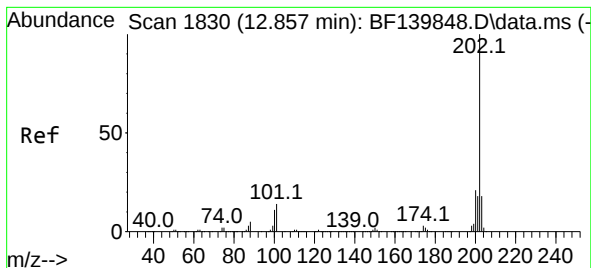
Tgt Ion:202 Resp: 61855
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.9
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139976.D
Acq: 23 Oct 2024 20:51

Tgt Ion:240 Resp: 321287
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 26.3 20.9 31.3





#78

Pyrene

Concen: 2.895 ng

RT: 12.851 min Scan# 1829

Delta R.T. -0.006 min

Lab File: BF139976.D

Acq: 23 Oct 2024 20:51

Instrument :

BNA_F

ClientSampleId :

WB-301-BOT

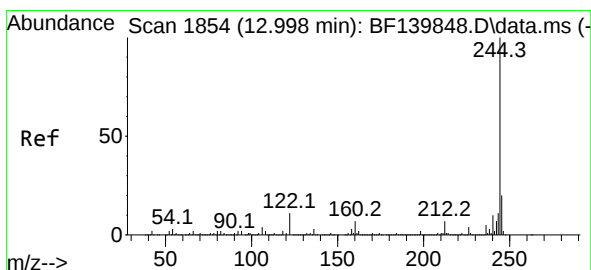
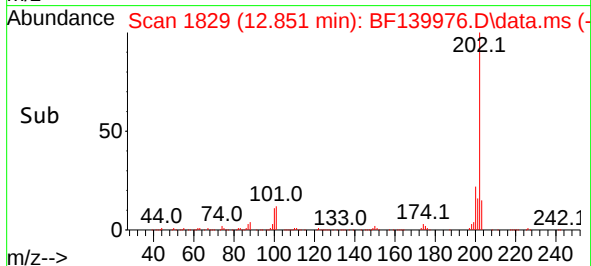
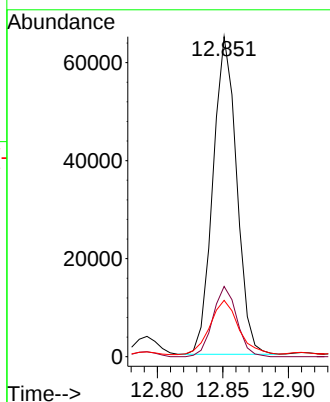
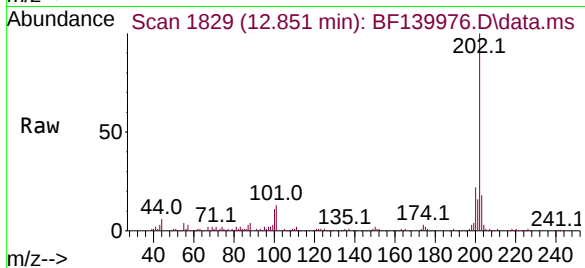
Tgt Ion:202 Resp: 81427

Ion Ratio Lower Upper

202 100

200 21.9 17.2 25.8

203 17.6 14.2 21.4



#79

Terphenyl-d14

Concen: 57.610 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139976.D

Acq: 23 Oct 2024 20:51

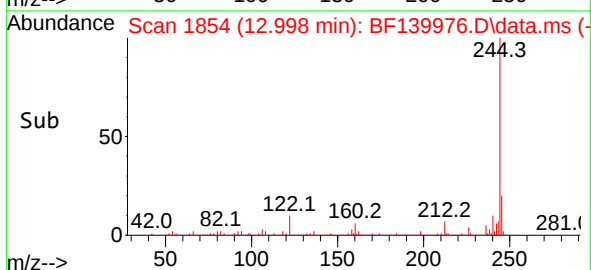
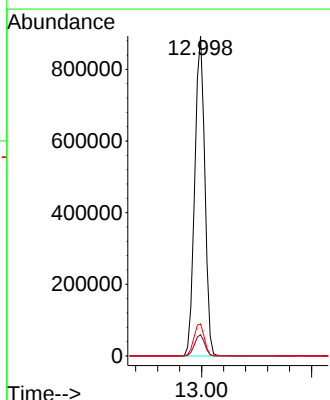
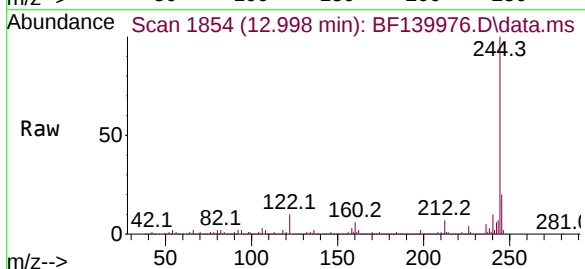
Tgt Ion:244 Resp: 1135897

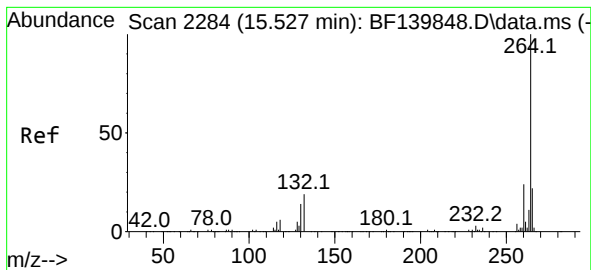
Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

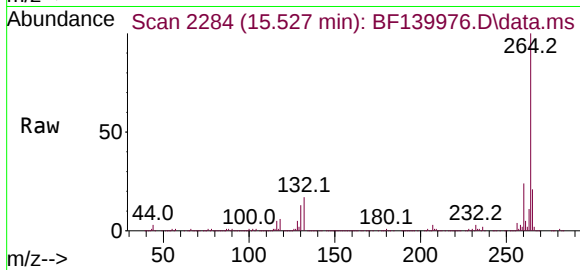
122 10.0 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139976.D
 Acq: 23 Oct 2024 20:51

Instrument :
 BNA_F
 ClientSampleId :
 WB-301-BOT



Tgt Ion:264 Resp: 306800
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.2 17.4 26.0

