

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139497.D
 Acq On : 20 Sep 2024 12:50
 Operator : RC/JU
 Sample : P4103-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-22A

Quant Time: Sep 20 13:28:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

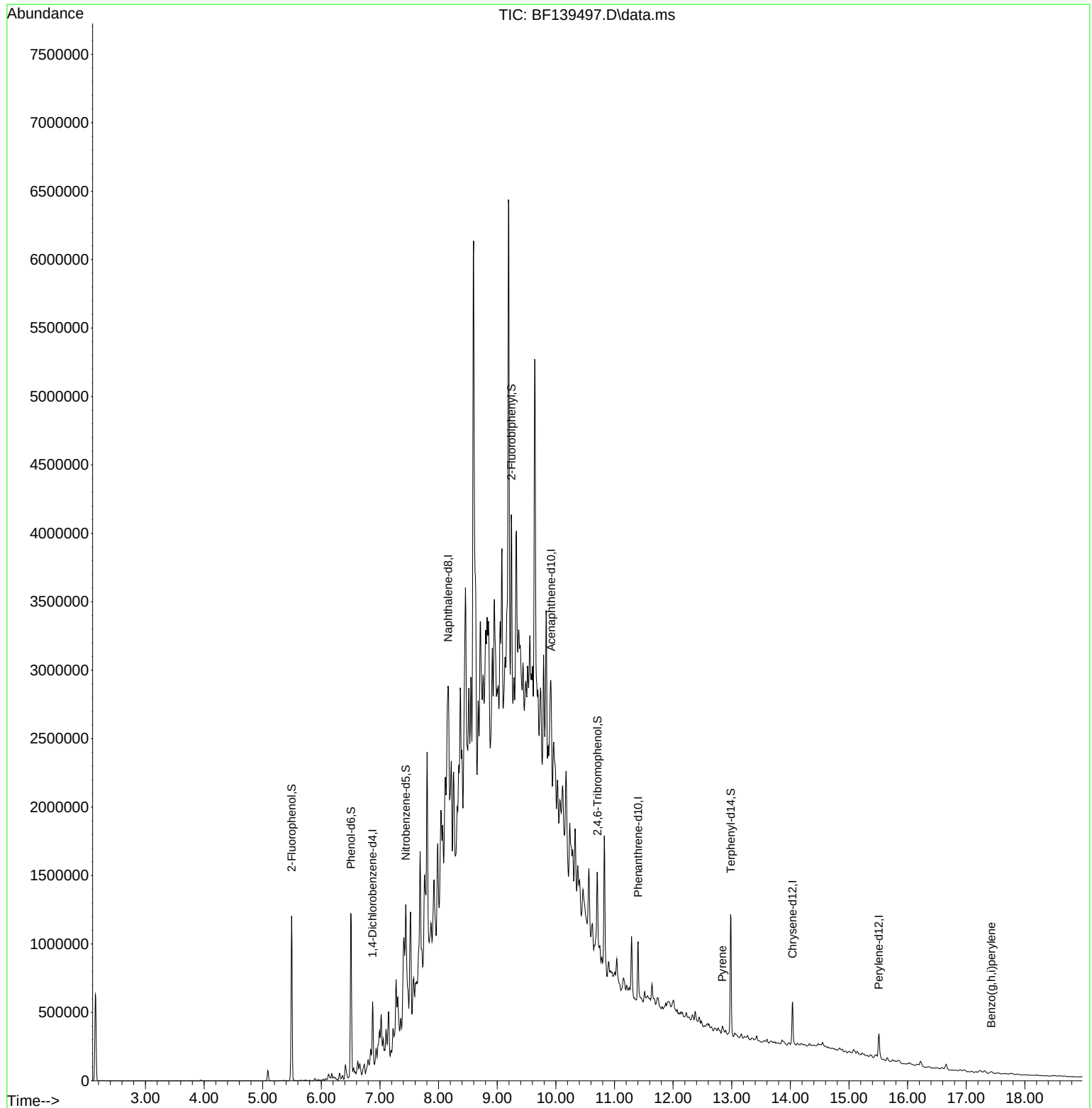
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	75553	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	249625	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	120674	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	199719	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	140700	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	103274	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	390489	84.315	ng	0.00
7) Phenol-d6	6.504	99	510408	83.963	ng	0.00
23) Nitrobenzene-d5	7.439	82	345794	65.123	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	91246	71.024	ng	0.01
45) 2-Fluorobiphenyl	9.245	172	484897	56.357	ng	0.01
79) Terphenyl-d14	12.986	244	428483	49.986	ng	0.00
Target Compounds						
						Qvalue
78) Pyrene	12.839	202	31071	2.572	ng	# 92
92) Benzo(g,h,i)perylene	17.427	276	10641	2.118	ng	# 93

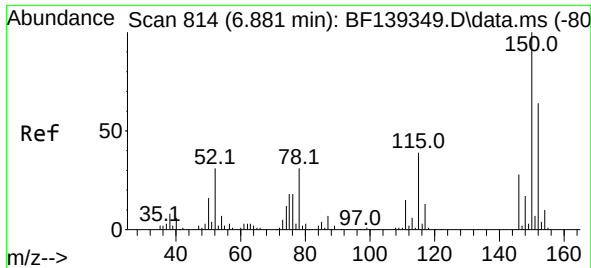
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139497.D
Acq On : 20 Sep 2024 12:50
Operator : RC/JU
Sample : P4103-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-22A

Quant Time: Sep 20 13:28:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

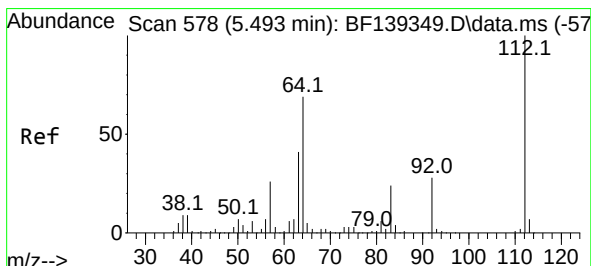
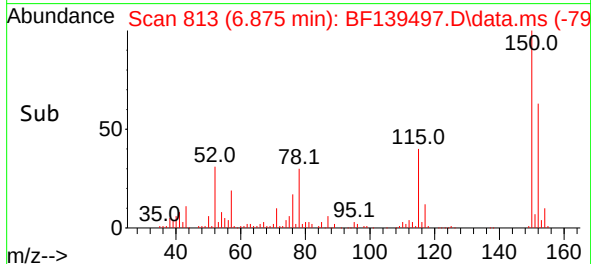
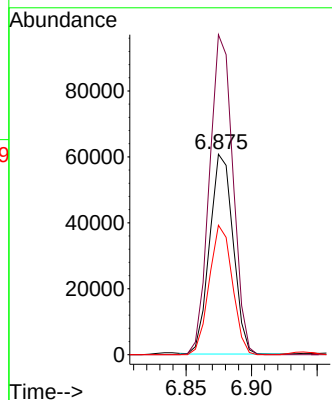
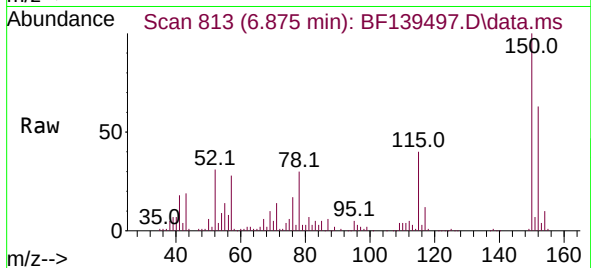




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139497.D
Acq: 20 Sep 2024 12:50

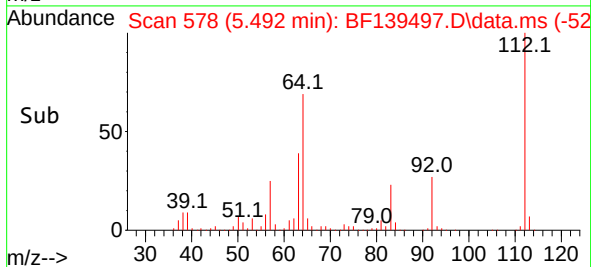
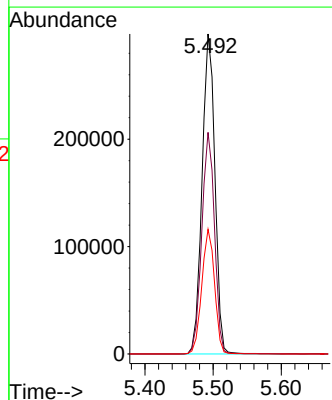
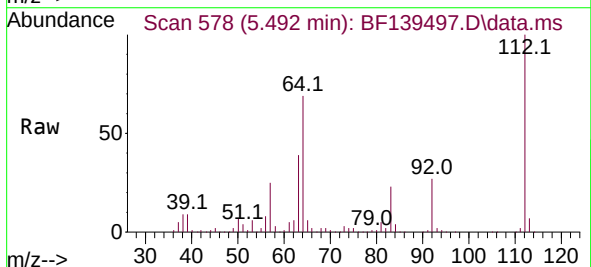
Instrument :
BNA_F
ClientSampleId :
WC-22A

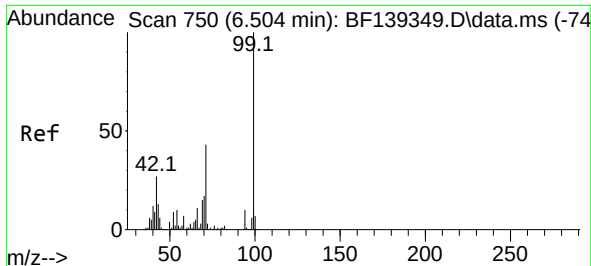
Tgt Ion:152 Resp: 75553
Ion Ratio Lower Upper
152 100
150 159.6 124.1 186.1
115 64.6 48.1 72.1



#5
2-Fluorophenol
Concen: 84.315 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.001 min
Lab File: BF139497.D
Acq: 20 Sep 2024 12:50

Tgt Ion:112 Resp: 390489
Ion Ratio Lower Upper
112 100
64 69.3 54.8 82.2
63 39.0 33.0 49.4





#7
Phenol-d6
Concen: 83.963 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139497.D
Acq: 20 Sep 2024 12:50

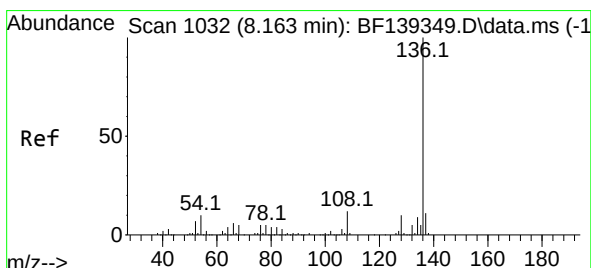
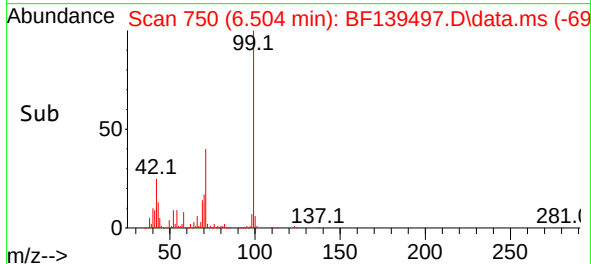
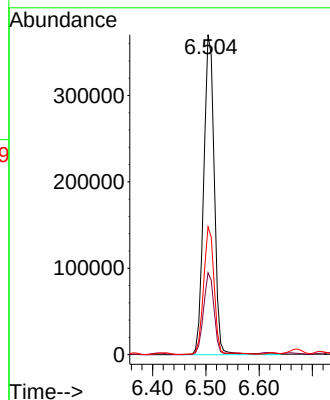
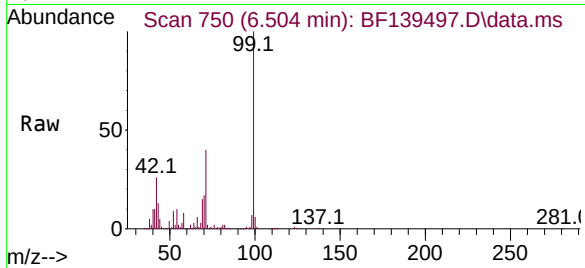
Instrument :

BNA_F

ClientSampleId :

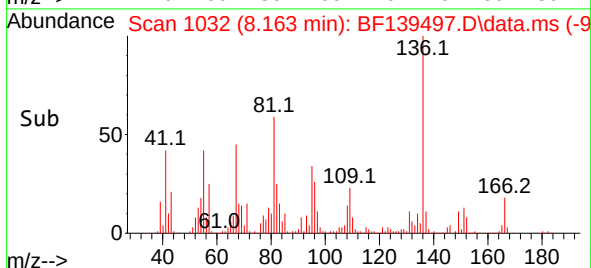
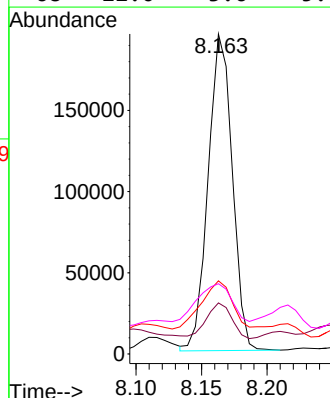
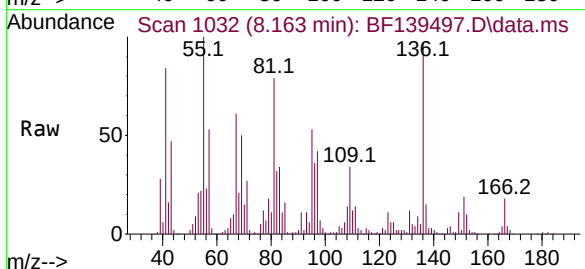
WC-22A

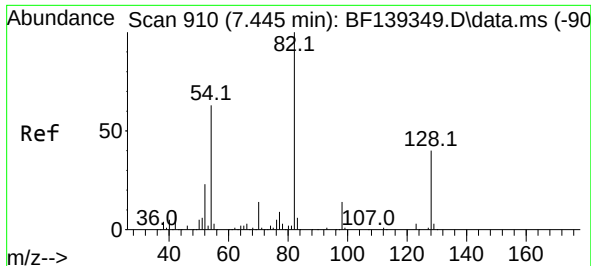
Tgt Ion: 99 Resp: 510408
Ion Ratio Lower Upper
99 100
42 25.6 21.9 32.9
71 40.0 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139497.D
Acq: 20 Sep 2024 12:50

Tgt Ion: 136 Resp: 249625
Ion Ratio Lower Upper
136 100
137 15.9 8.6 12.8#
54 22.8 7.8 11.8#
68 22.0 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 65.123 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139497.D

Acq: 20 Sep 2024 12:50

Instrument :

BNA_F

ClientSampleId :

WC-22A

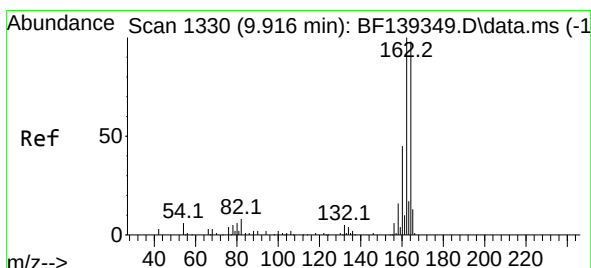
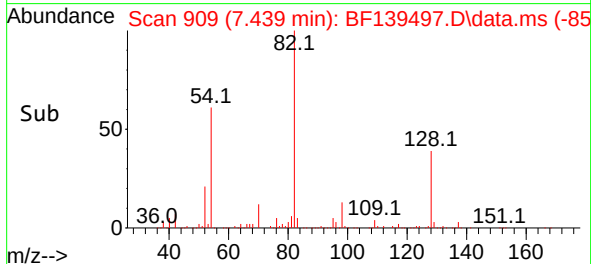
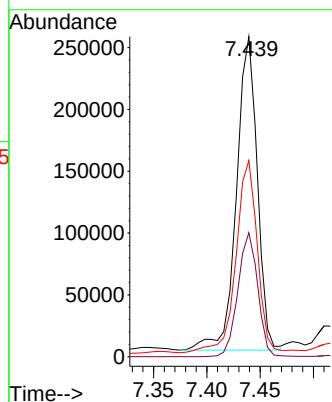
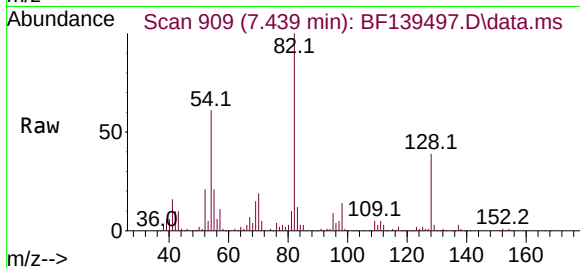
Tgt Ion: 82 Resp: 345794

Ion Ratio Lower Upper

82 100

128 38.8 31.8 47.6

54 61.3 50.6 75.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.006 min

Lab File: BF139497.D

Acq: 20 Sep 2024 12:50

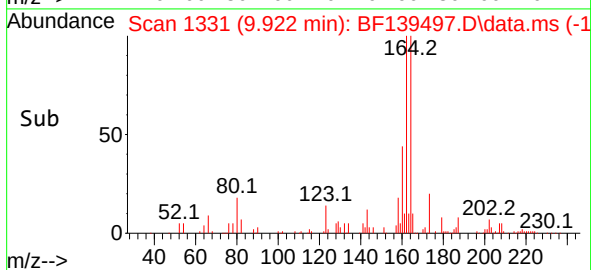
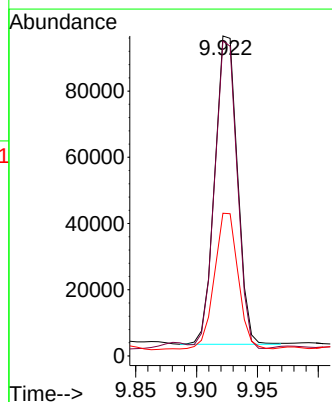
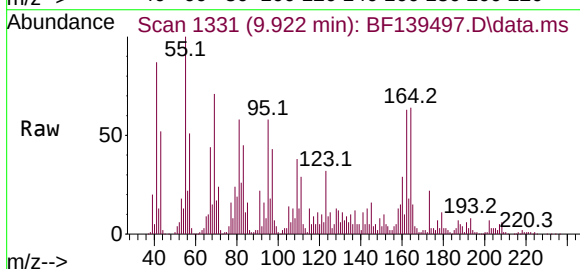
Tgt Ion:164 Resp: 120674

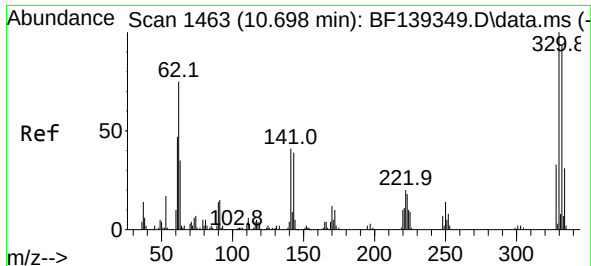
Ion Ratio Lower Upper

164 100

162 98.4 81.3 121.9

160 44.6 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 71.024 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.012 min

Lab File: BF139497.D

Acq: 20 Sep 2024 12:50

Instrument :

BNA_F

ClientSampleId :

WC-22A

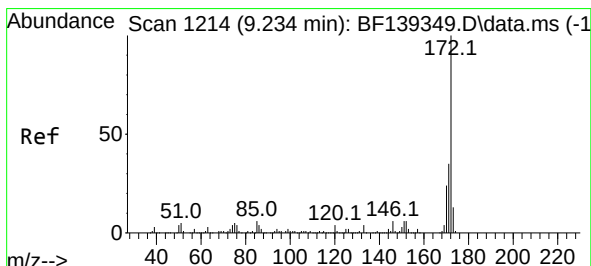
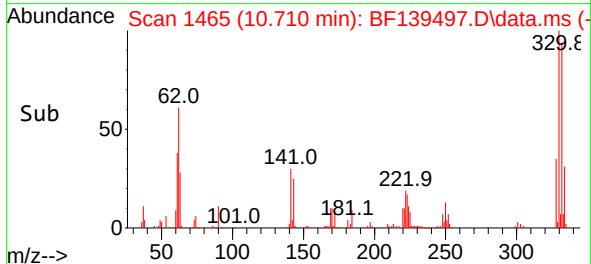
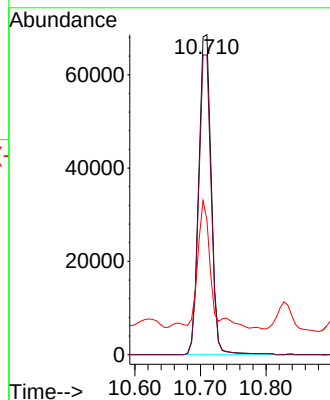
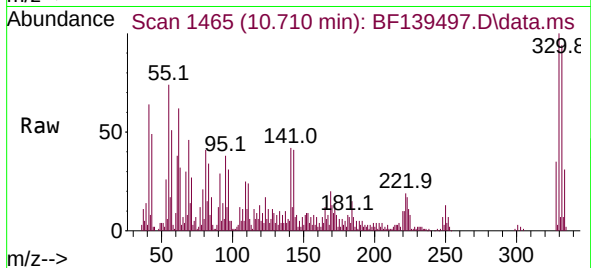
Tgt Ion:330 Resp: 91246

Ion Ratio Lower Upper

330 100

332 93.7 75.2 112.8

141 41.8 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 56.357 ng

RT: 9.245 min Scan# 1216

Delta R.T. 0.012 min

Lab File: BF139497.D

Acq: 20 Sep 2024 12:50

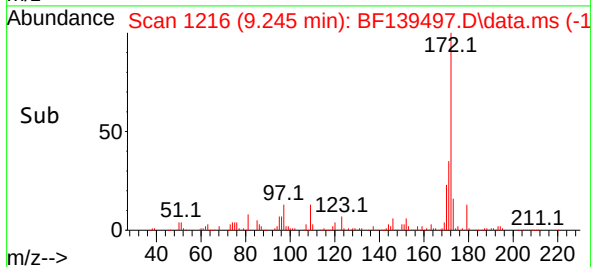
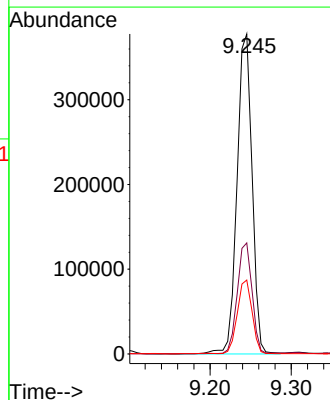
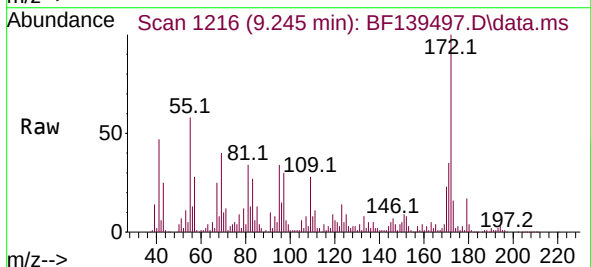
Tgt Ion:172 Resp: 484897

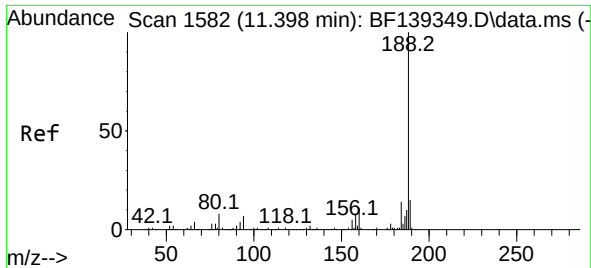
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.1 19.0 28.6

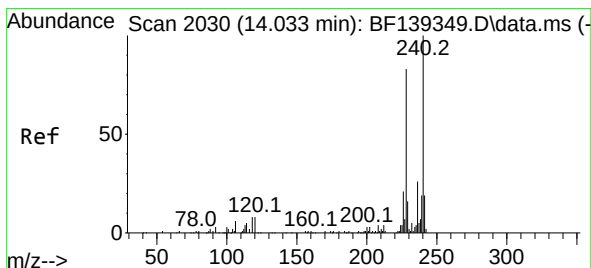
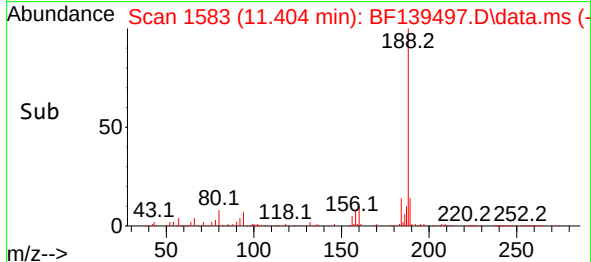
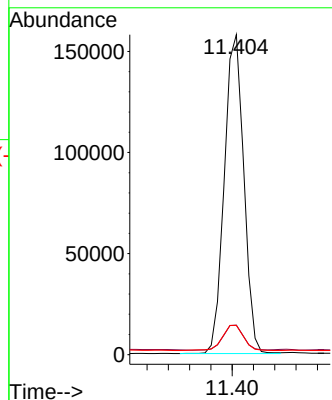
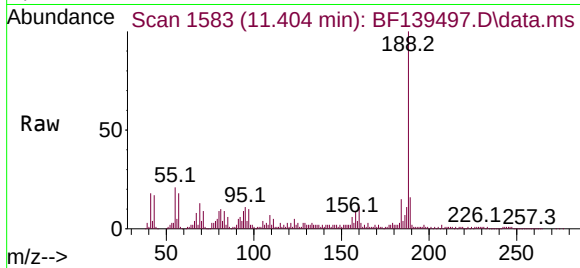




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139497.D
Acq: 20 Sep 2024 12:50

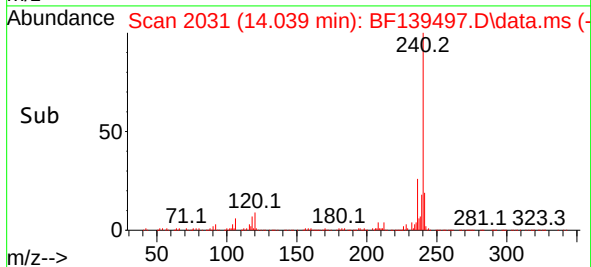
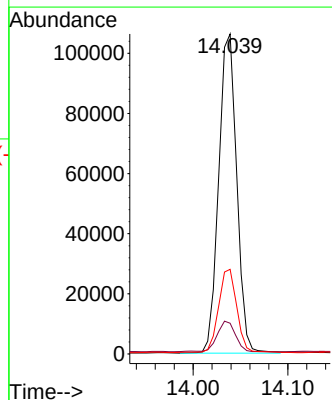
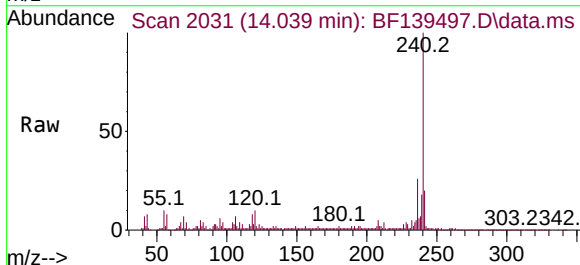
Instrument :
BNA_F
ClientSampleId :
WC-22A

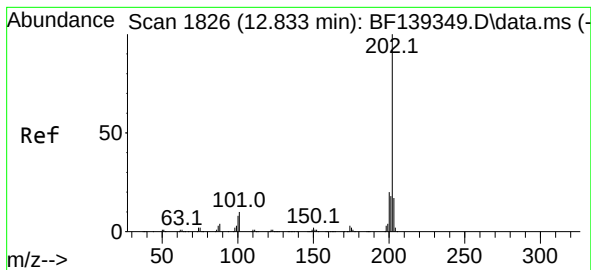
Tgt Ion:188 Resp: 199719
Ion Ratio Lower Upper
188 100
94 9.2 5.5 8.3#
80 9.2 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139497.D
Acq: 20 Sep 2024 12:50

Tgt Ion:240 Resp: 140700
Ion Ratio Lower Upper
240 100
120 9.6 6.2 9.2#
236 26.5 20.9 31.3





#78

Pyrene

Concen: 2.572 ng

RT: 12.839 min Scan# 1826

Delta R.T. 0.006 min

Lab File: BF139497.D

Acq: 20 Sep 2024 12:50

Instrument :

BNA_F

ClientSampleId :

WC-22A

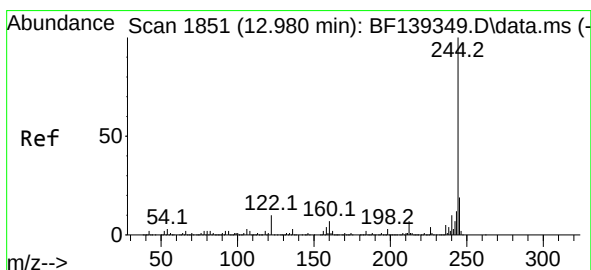
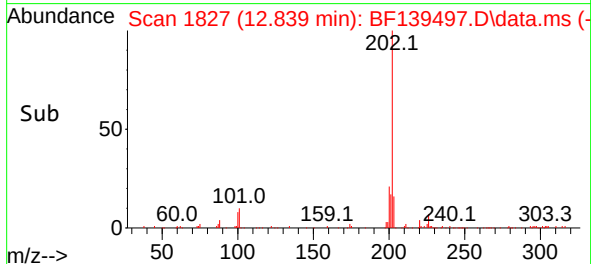
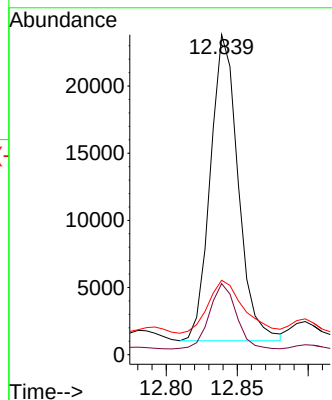
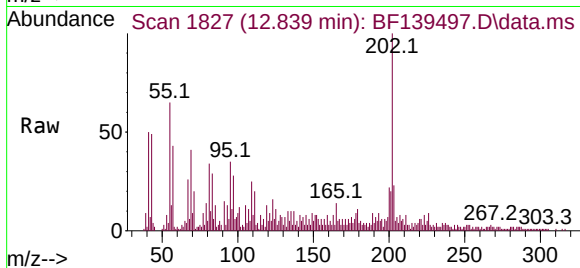
Tgt Ion:202 Resp: 31071

Ion Ratio Lower Upper

202 100

200 22.2 16.2 24.2

203 23.2 13.9 20.9#



#79

Terphenyl-d14

Concen: 49.986 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.006 min

Lab File: BF139497.D

Acq: 20 Sep 2024 12:50

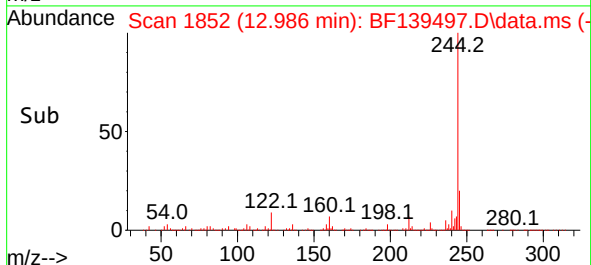
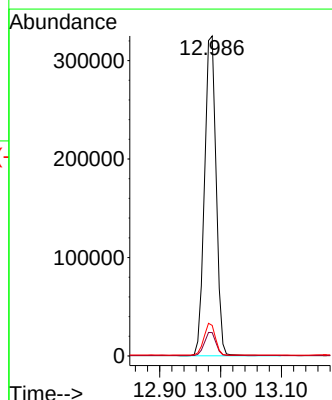
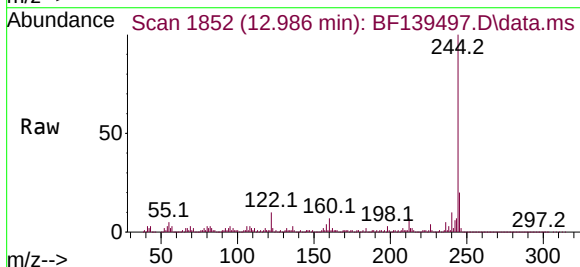
Tgt Ion:244 Resp: 428483

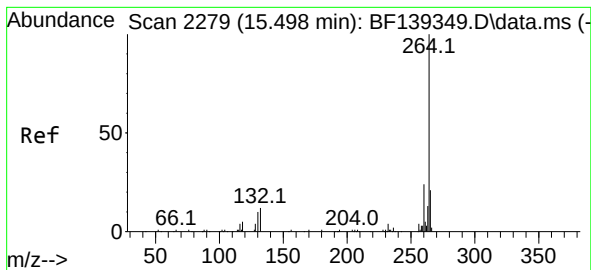
Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 9.5 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139497.D

Acq: 20 Sep 2024 12:50

Instrument :

BNA_F

ClientSampleId :

WC-22A

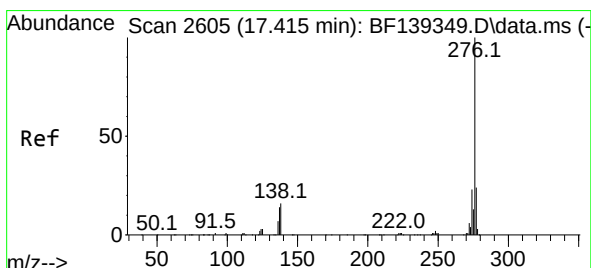
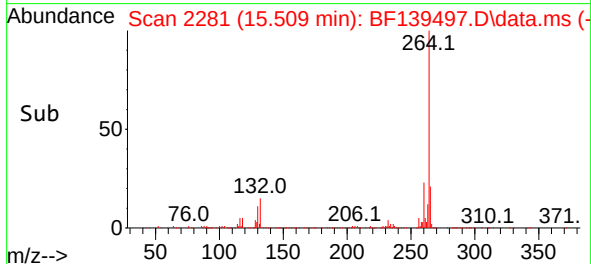
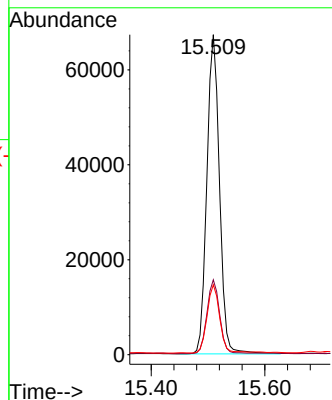
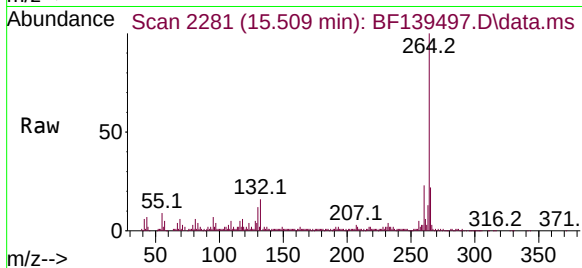
Tgt Ion:264 Resp: 103274

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.9 16.6 25.0



#92

Benzo(g,h,i)perylene

Concen: 2.118 ng

RT: 17.427 min Scan# 2607

Delta R.T. 0.012 min

Lab File: BF139497.D

Acq: 20 Sep 2024 12:50

Tgt Ion:276 Resp: 10641

Ion Ratio Lower Upper

276 100

277 25.0 18.9 28.3

138 22.1 13.0 19.6#

