

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140135.D
 Acq On : 30 Oct 2024 02:30
 Operator : RC/JU
 Sample : PB164478TB
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164478TB

Quant Time: Oct 30 03:06:52 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	6.887	152	127237	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	499637	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	262397	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	375636	20.000	ng	0.00
76) Chrysene-d12	14.051	240	259145	20.000	ng	0.00
86) Perylene-d12	15.533	264	208644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	901652	110.937	ng	0.02
7) Phenol-d6	6.510	99	1137688	108.078	ng	0.00
23) Nitrobenzene-d5	7.445	82	772329	85.673	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	194077	79.074	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1374460	86.570	ng	0.00
79) Terphenyl-d14	12.998	244	1087104	68.356	ng	0.00

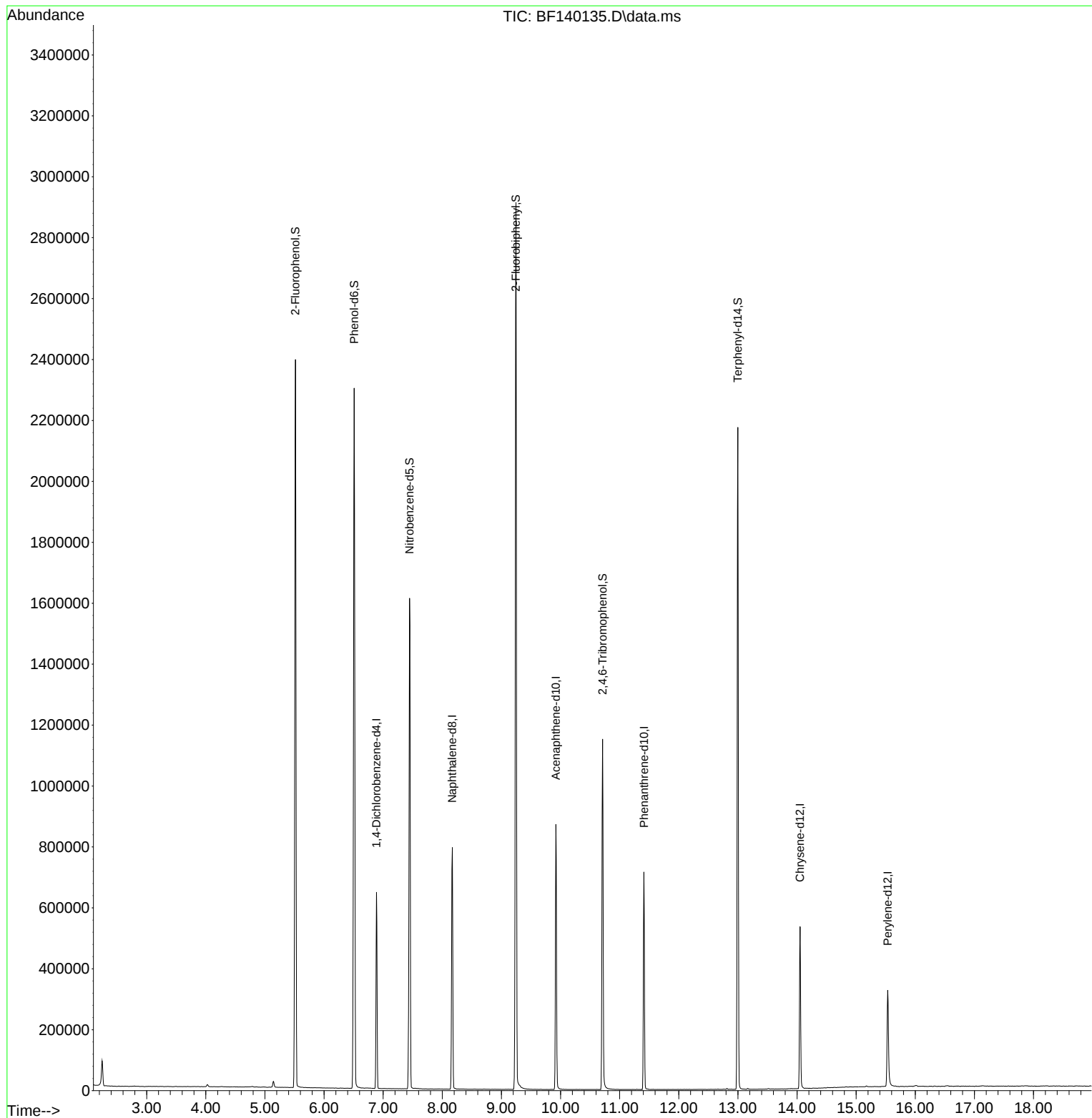
Target Compounds	Qvalue

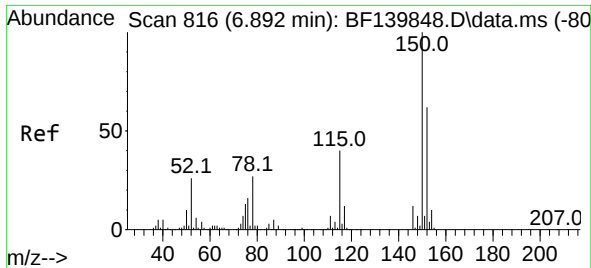
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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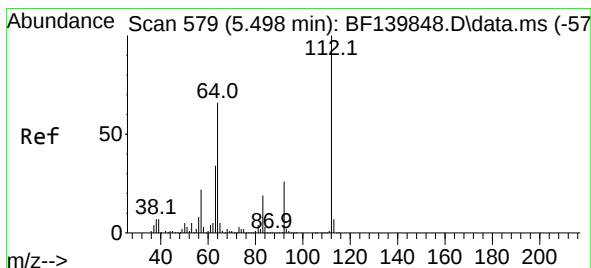
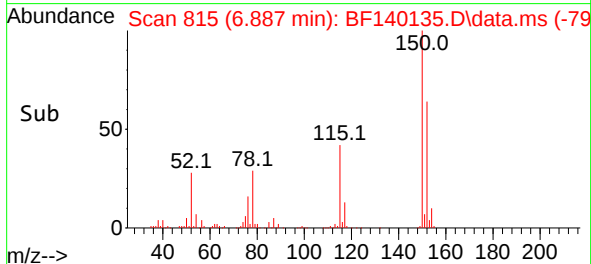
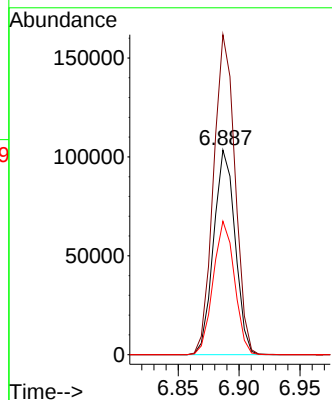
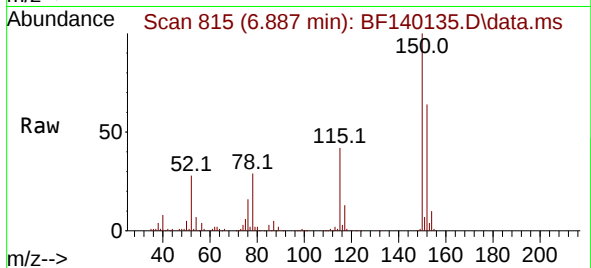




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140135.D
Acq: 30 Oct 2024 02:30

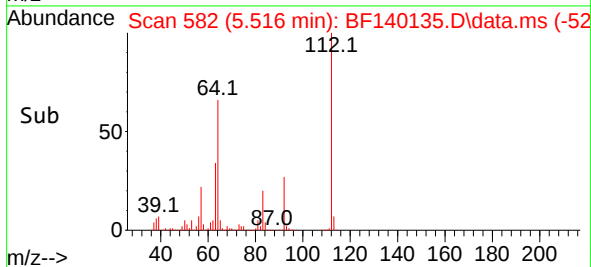
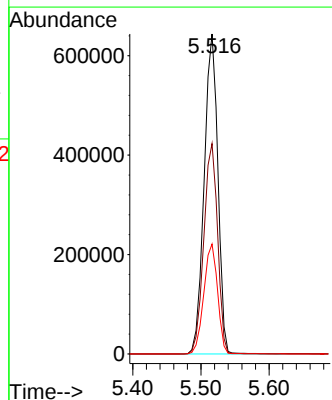
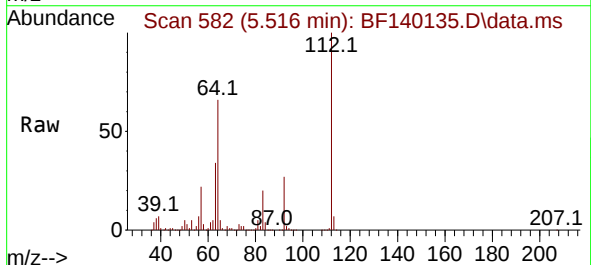
Instrument :
BNA_F
ClientSampleId :
PB164478TB

Tgt Ion:152 Resp: 127237
Ion Ratio Lower Upper
152 100
150 156.4 130.2 195.2
115 65.2 51.4 77.2



#5
2-Fluorophenol
Concen: 110.937 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140135.D
Acq: 30 Oct 2024 02:30

Tgt Ion:112 Resp: 901652
Ion Ratio Lower Upper
112 100
64 65.8 53.0 79.6
63 34.3 27.0 40.4



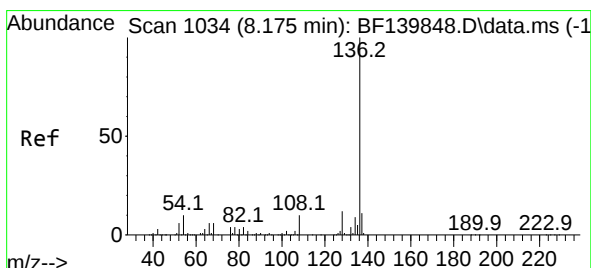
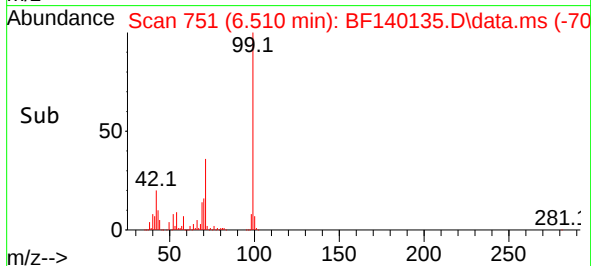
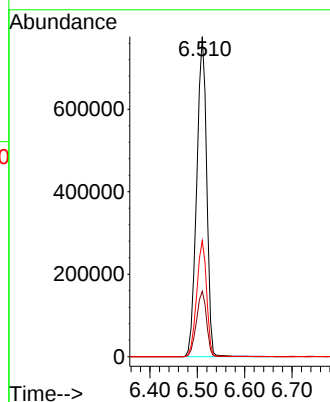
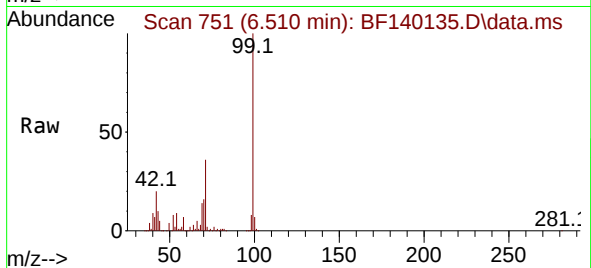


#7
Phenol-d6
Concen: 108.078 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140135.D
Acq: 30 Oct 2024 02:30

Instrument :
BNA_F
ClientSampleId :
PB164478TB

Tgt Ion: 99 Resp: 1137688

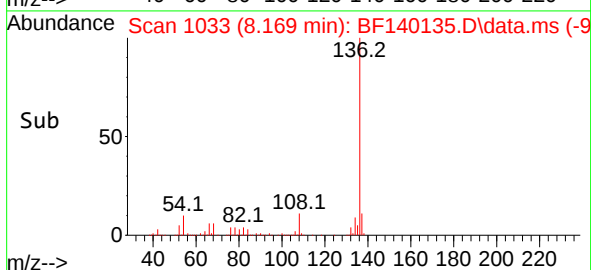
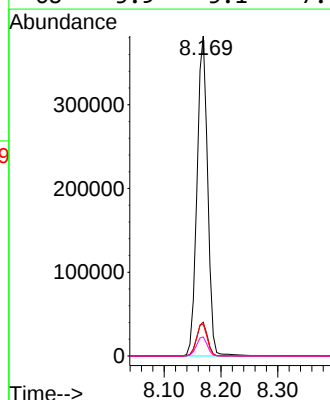
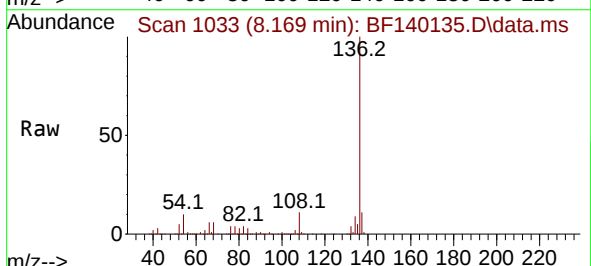
Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.7	25.1
71	36.3	27.7	41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140135.D
Acq: 30 Oct 2024 02:30

Tgt Ion: 136 Resp: 499637

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	10.0	8.4	12.6
68	5.9	5.1	7.7





#23

Nitrobenzene-d5

Concen: 85.673 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140135.D

Acq: 30 Oct 2024 02:30

Instrument :

BNA_F

ClientSampleId :

PB164478TB

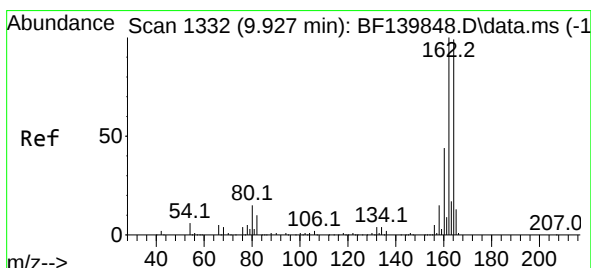
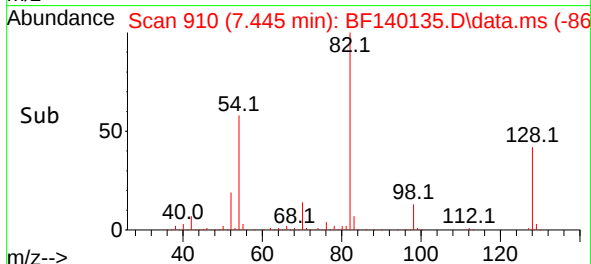
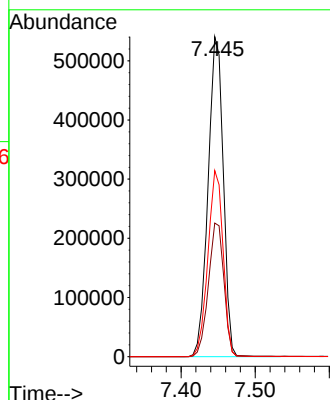
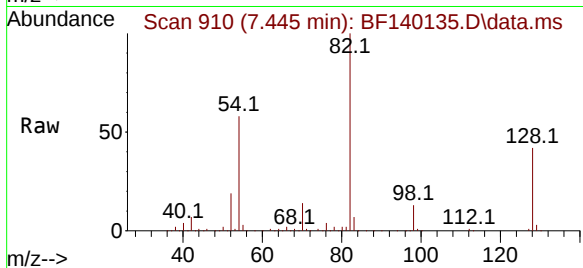
Tgt Ion: 82 Resp: 772329

Ion Ratio Lower Upper

82 100

128 41.7 33.4 50.0

54 58.1 47.8 71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.005 min

Lab File: BF140135.D

Acq: 30 Oct 2024 02:30

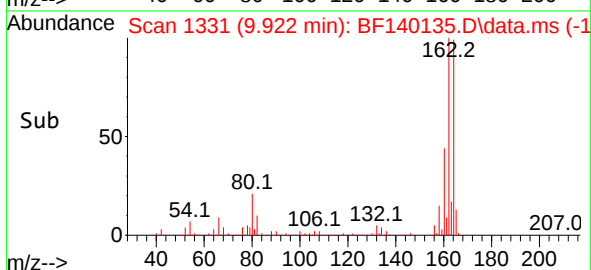
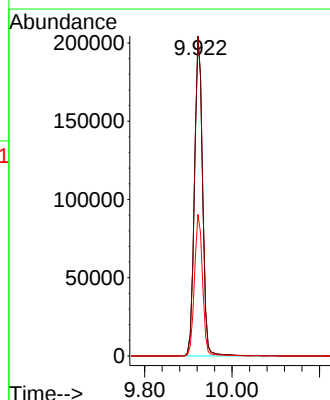
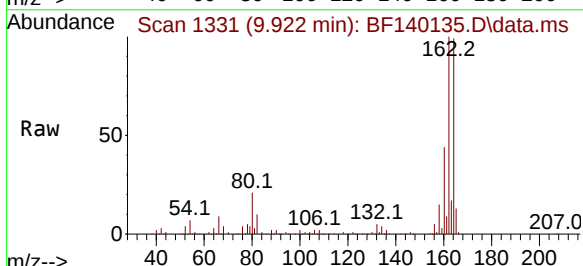
Tgt Ion:164 Resp: 262397

Ion Ratio Lower Upper

164 100

162 100.5 81.0 121.4

160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 79.074 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF140135.D

Acq: 30 Oct 2024 02:30

Instrument :

BNA_F

ClientSampleId :

PB164478TB

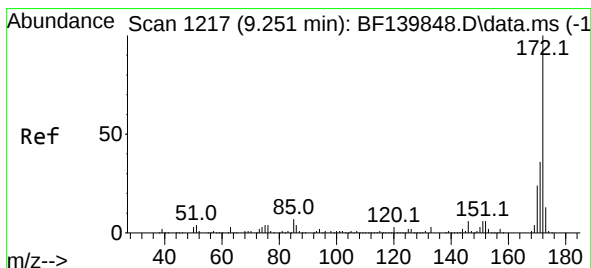
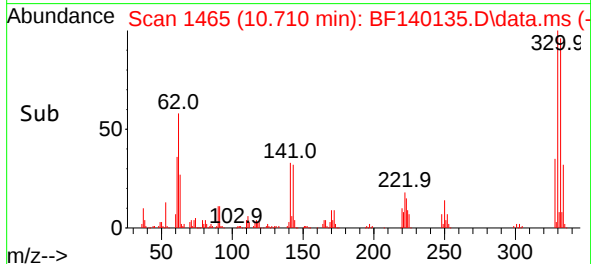
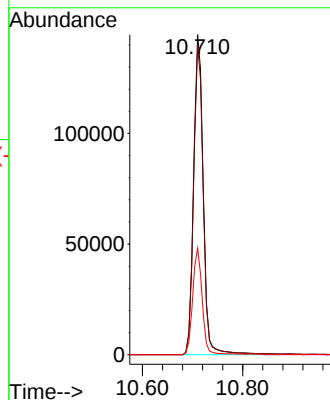
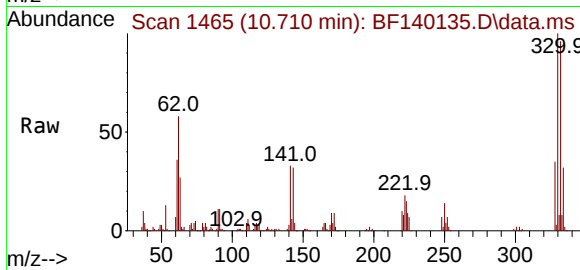
Tgt Ion:330 Resp: 194077

Ion Ratio Lower Upper

330 100

332 96.3 78.1 117.1

141 32.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 86.570 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140135.D

Acq: 30 Oct 2024 02:30

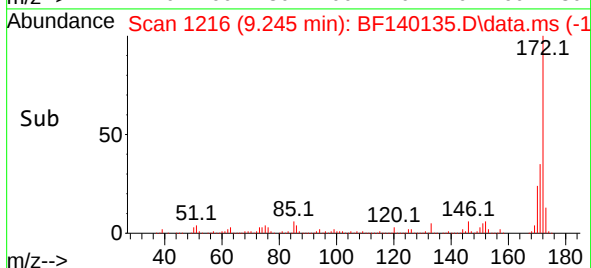
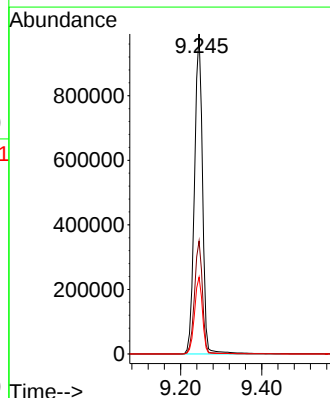
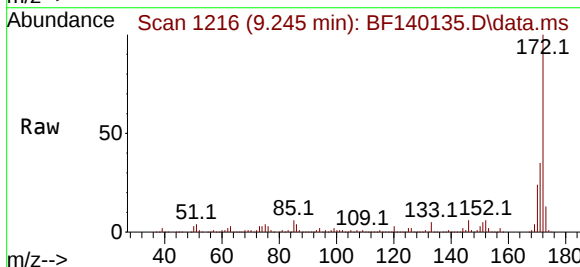
Tgt Ion:172 Resp: 1374460

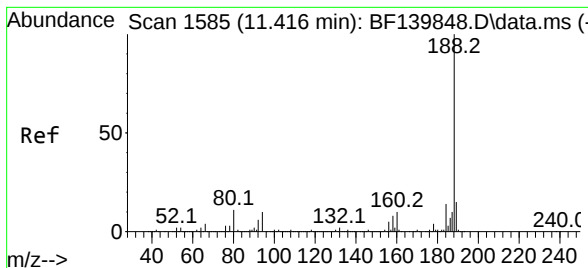
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 24.0 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140135.D

Acq: 30 Oct 2024 02:30

Instrument :

BNA_F

ClientSampleId :

PB164478TB

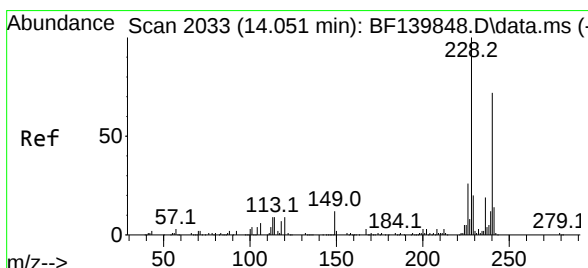
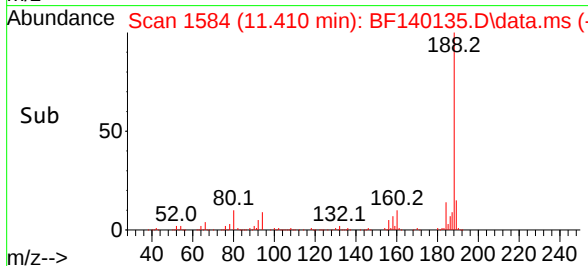
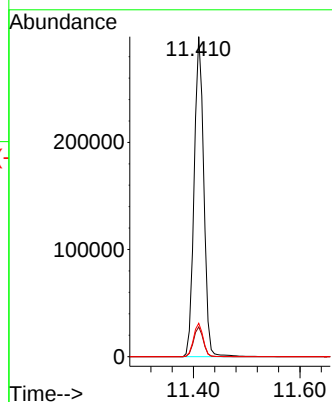
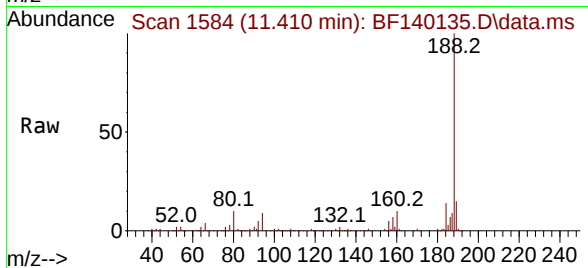
Tgt Ion:188 Resp: 375636

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 10.4 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140135.D

Acq: 30 Oct 2024 02:30

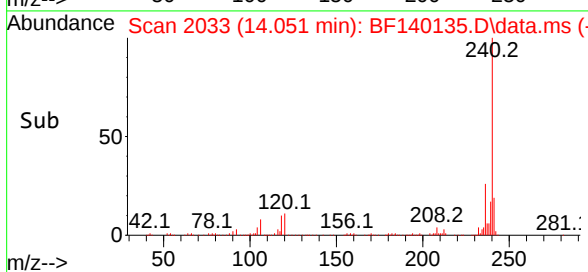
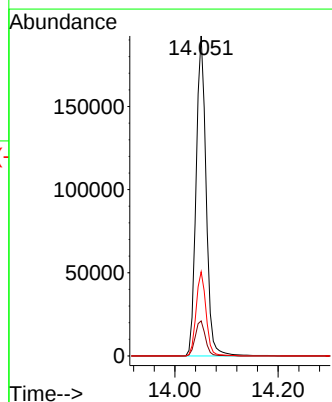
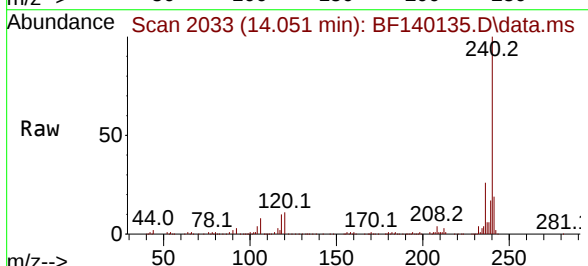
Tgt Ion:240 Resp: 259145

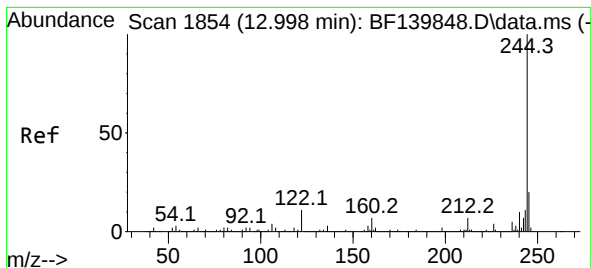
Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.2

236 26.3 20.9 31.3





#79

Terphenyl-d14

Concen: 68.356 ng

RT: 12.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140135.D

Acq: 30 Oct 2024 02:30

Instrument :

BNA_F

ClientSampleId :

PB164478TB

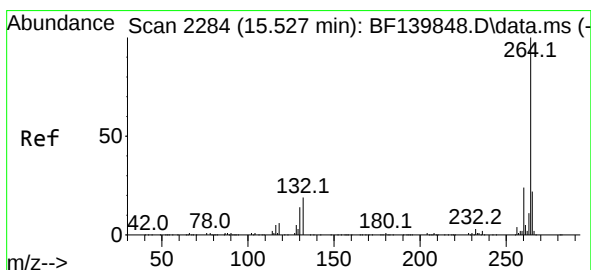
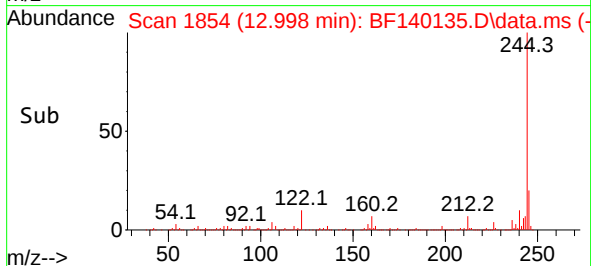
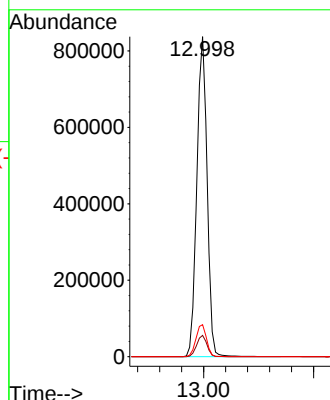
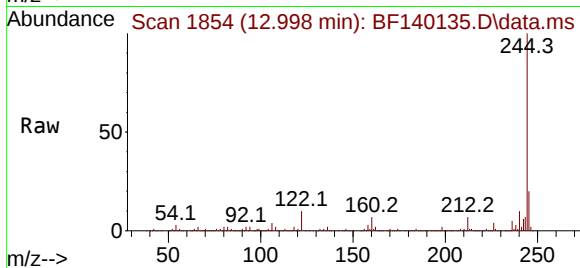
Tgt Ion:244 Resp: 1087104

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: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF140135.D

Acq: 30 Oct 2024 02:30

Tgt Ion:264 Resp: 208644

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.7 17.4 26.0

