

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141024.D
 Acq On : 30 Dec 2024 11:36
 Operator : RC/JU
 Sample : PB165790BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165790BL

Quant Time: Dec 30 11:59:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	238985	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	970773	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	524490	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	885926	20.000	ng	0.00
76) Chrysene-d12	13.980	240	625339	20.000	ng	0.00
86) Perylene-d12	15.445	264	515809	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2375093	149.807	ng	0.02
7) Phenol-d6	6.451	99	3018906	147.813	ng	0.00
23) Nitrobenzene-d5	7.387	82	1890259	124.576	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	880143	172.696	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	3334376	101.288	ng	0.00
79) Terphenyl-d14	12.939	244	3782107	100.459	ng	0.00

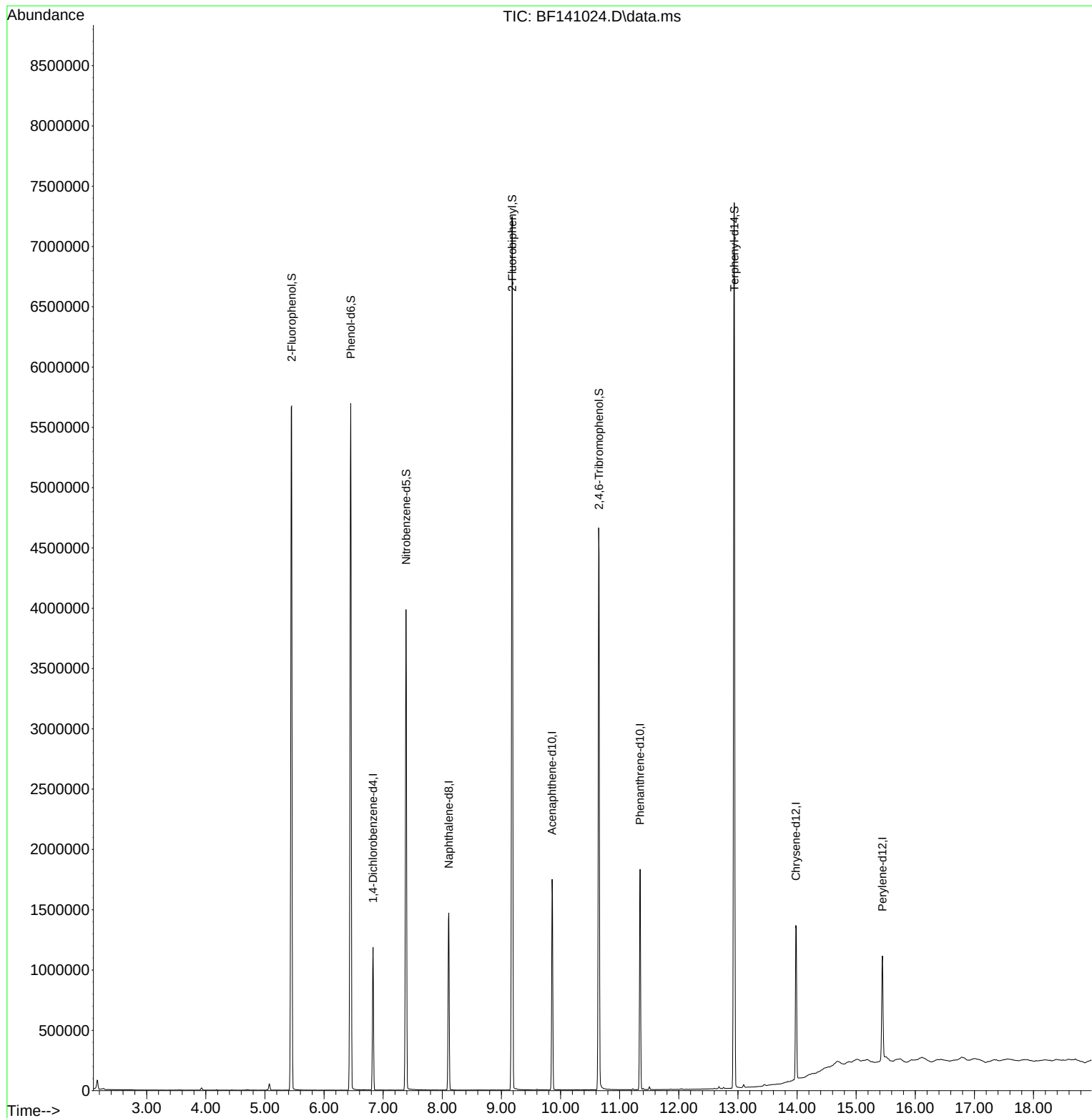
Target Compounds	Qvalue

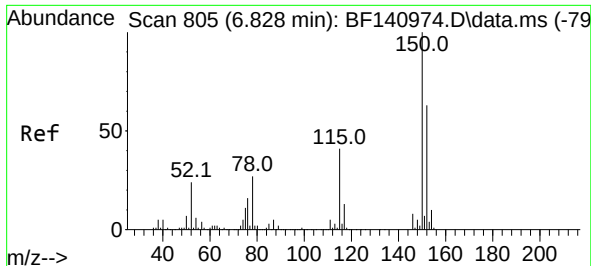
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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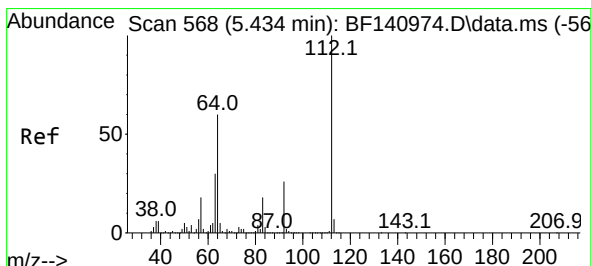
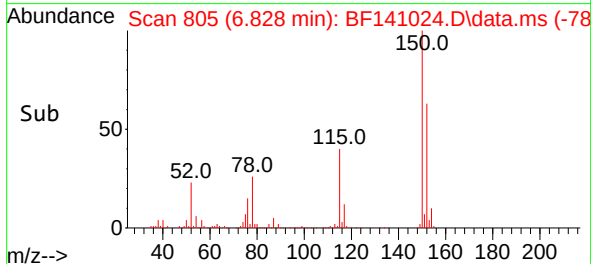
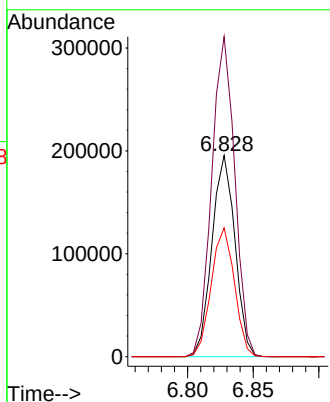
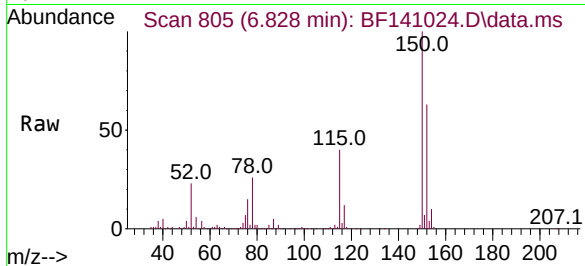




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141024.D
Acq: 30 Dec 2024 11:36

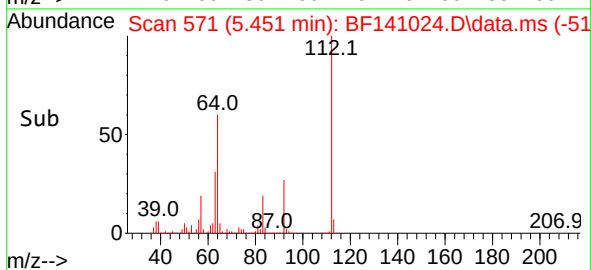
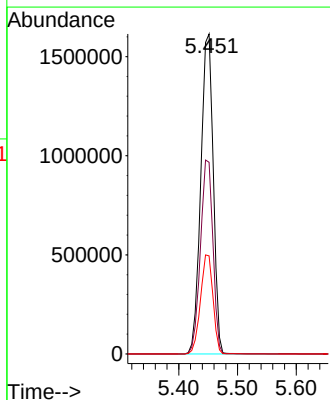
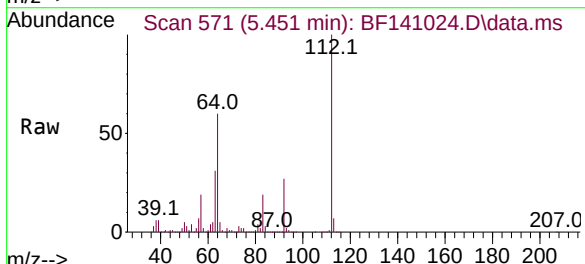
Instrument :
BNA_F
ClientSampleId :
PB165790BL

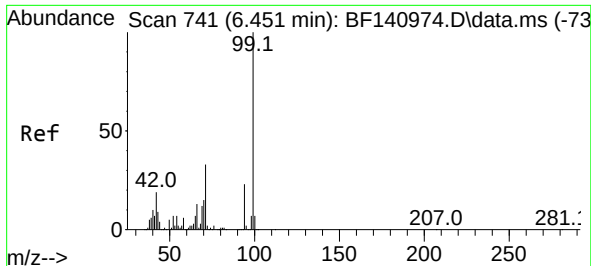
Tgt Ion:152 Resp: 238985
Ion Ratio Lower Upper
152 100
150 159.0 127.0 190.6
115 64.0 51.7 77.5



#5
2-Fluorophenol
Concen: 149.807 ng
RT: 5.451 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF141024.D
Acq: 30 Dec 2024 11:36

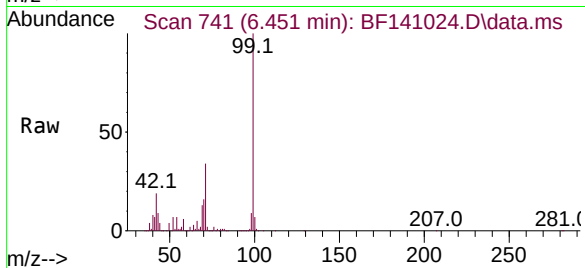
Tgt Ion:112 Resp: 2375093
Ion Ratio Lower Upper
112 100
64 59.9 47.7 71.5
63 30.7 24.2 36.2



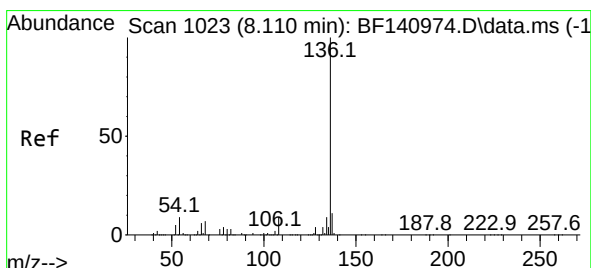
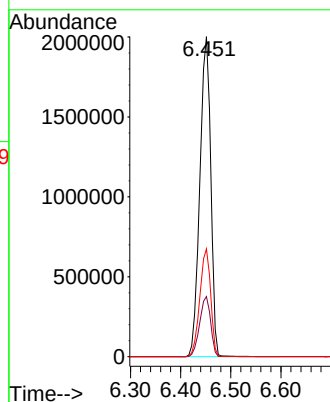
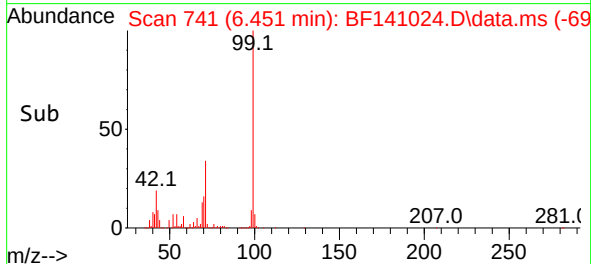


#7
Phenol-d6
Concen: 147.813 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF141024.D
Acq: 30 Dec 2024 11:36

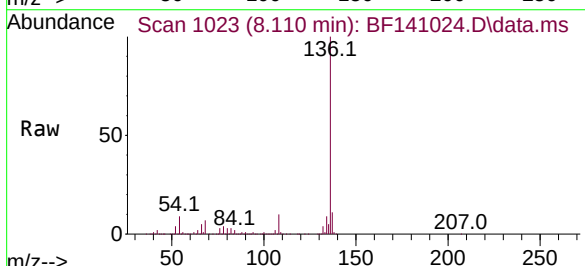
Instrument :
BNA_F
ClientSampleId :
PB165790BL



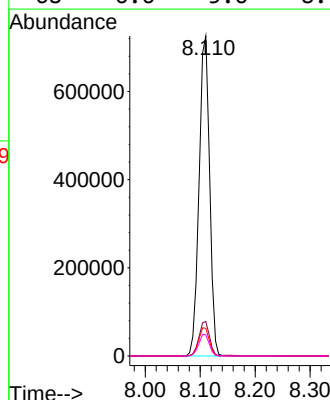
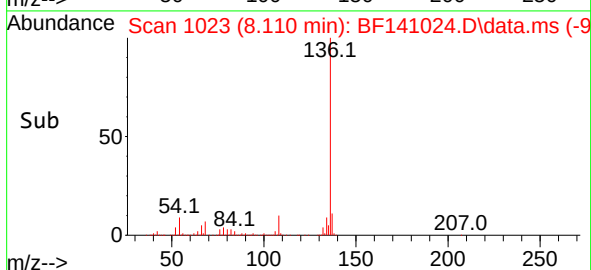
Tgt Ion: 99 Resp: 3018906
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.4
71 33.7 26.2 39.2

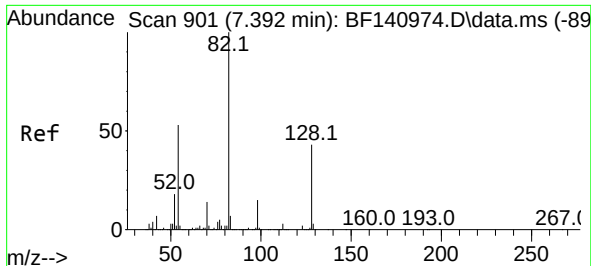


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF141024.D
Acq: 30 Dec 2024 11:36



Tgt Ion: 136 Resp: 970773
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.7 7.6 11.4
68 6.6 5.6 8.4





#23

Nitrobenzene-d5

Concen: 124.576 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141024.D

Acq: 30 Dec 2024 11:36

Instrument :

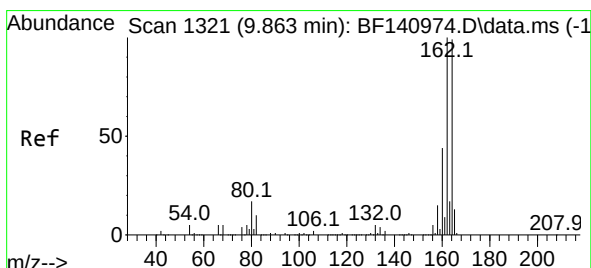
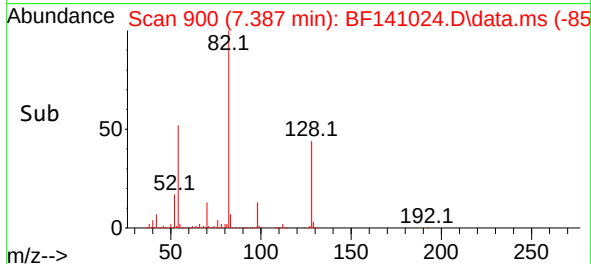
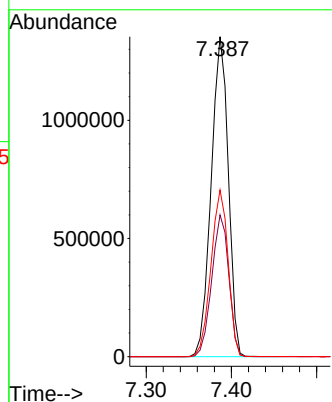
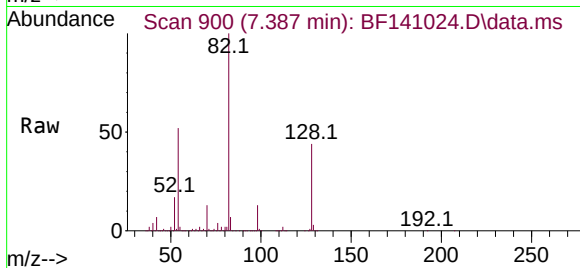
BNA_F

ClientSampleId :

PB165790BL

Tgt Ion: 82 Resp: 1890259

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.4	51.6
54	52.1	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

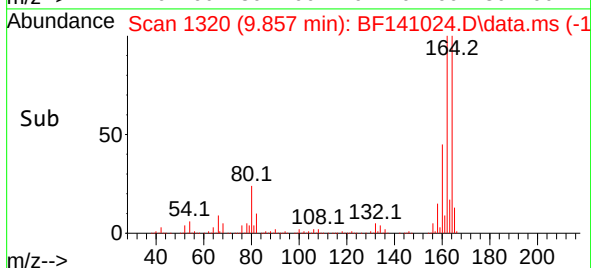
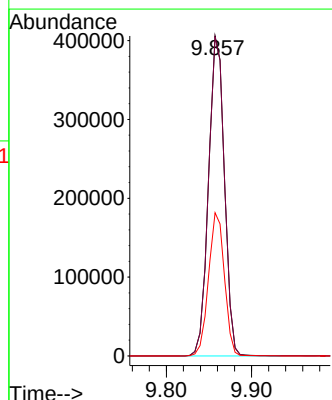
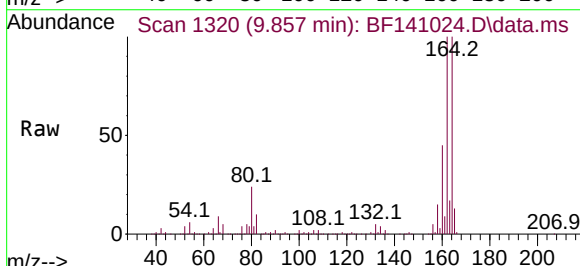
Delta R.T. -0.006 min

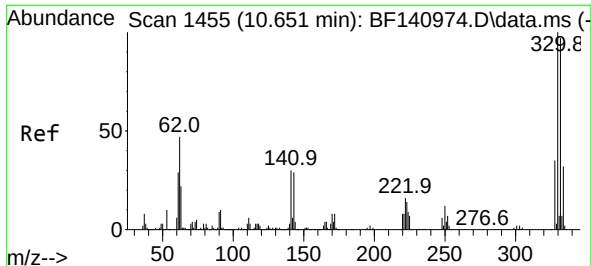
Lab File: BF141024.D

Acq: 30 Dec 2024 11:36

Tgt Ion: 164 Resp: 524490

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.6	120.8
160	44.7	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 172.696 ng

RT: 10.651 min Scan# 1455

Delta R.T. 0.000 min

Lab File: BF141024.D

Acq: 30 Dec 2024 11:36

Instrument :

BNA_F

ClientSampleId :

PB165790BL

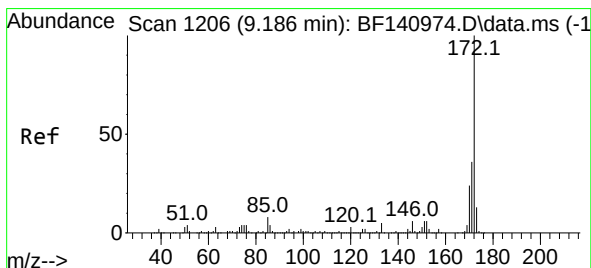
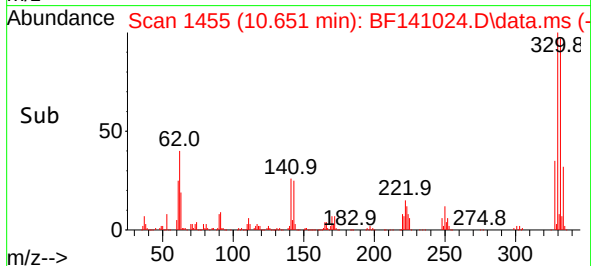
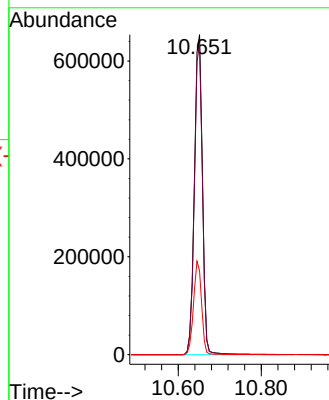
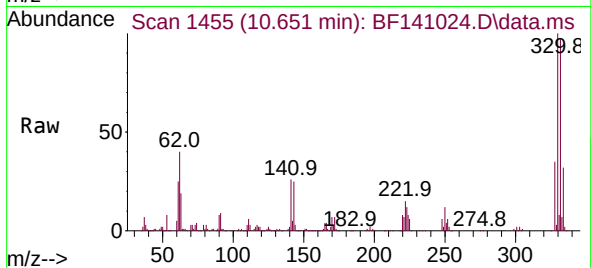
Tgt Ion:330 Resp: 880143

Ion Ratio Lower Upper

330 100

332 96.6 78.0 117.0

141 29.2 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 101.288 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141024.D

Acq: 30 Dec 2024 11:36

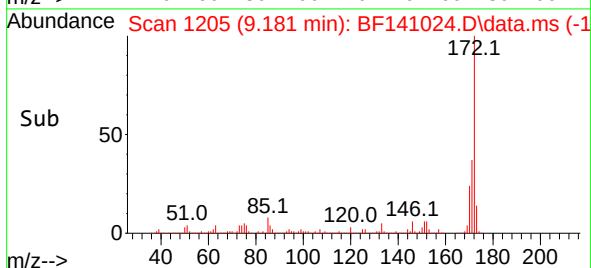
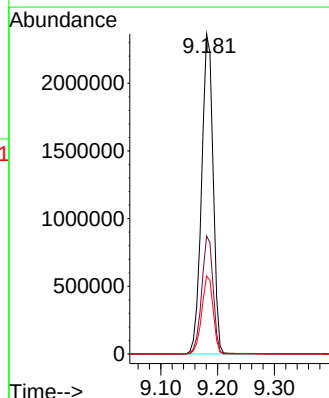
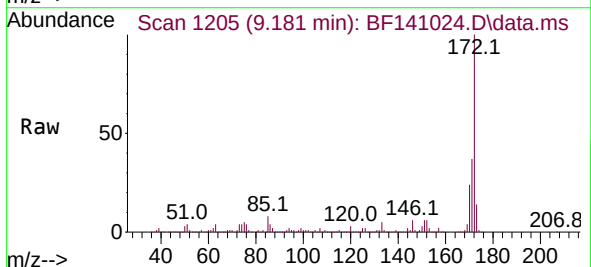
Tgt Ion:172 Resp: 3334376

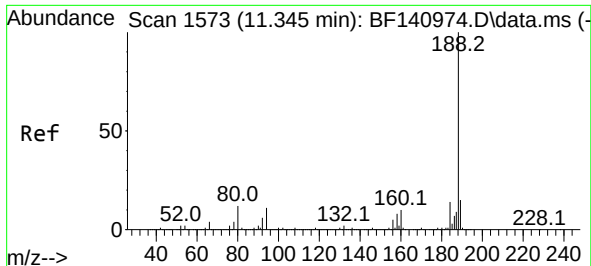
Ion Ratio Lower Upper

172 100

171 36.9 29.0 43.4

170 24.4 19.6 29.4

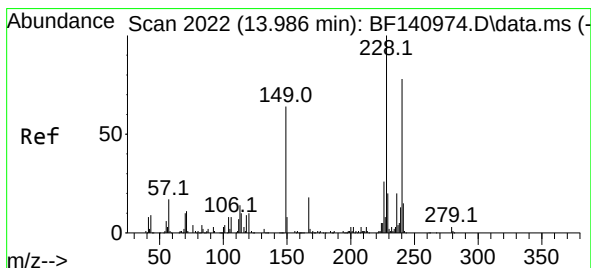
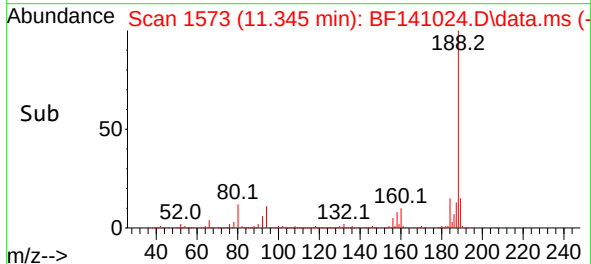
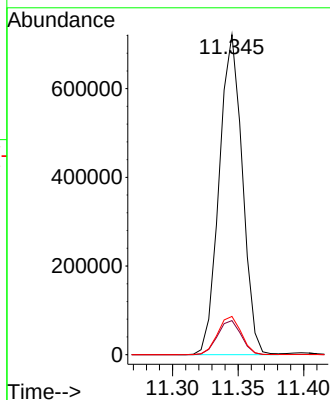
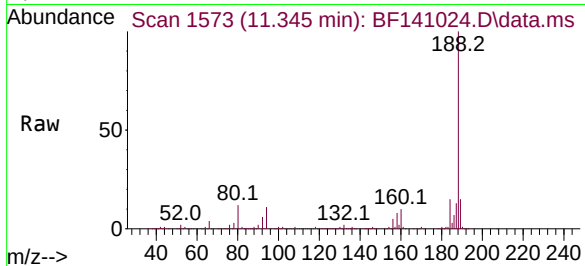




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141024.D
Acq: 30 Dec 2024 11:36

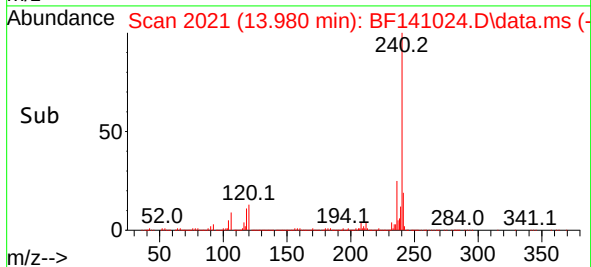
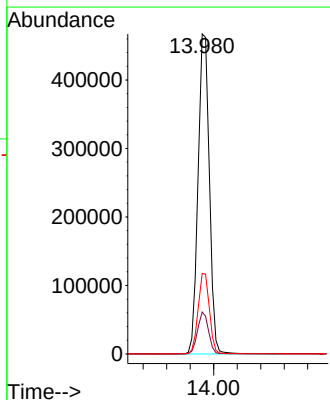
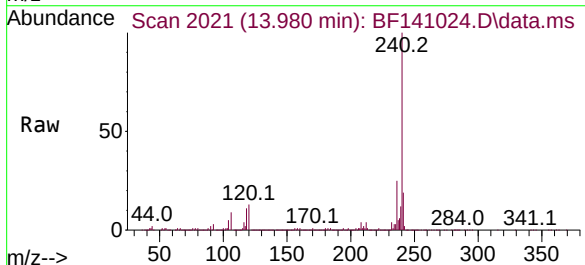
Instrument :
BNA_F
ClientSampleId :
PB165790BL

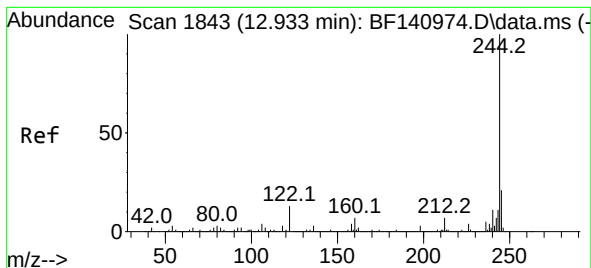
Tgt Ion:188 Resp: 885926
Ion Ratio Lower Upper
188 100
94 10.6 9.0 13.6
80 12.0 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141024.D
Acq: 30 Dec 2024 11:36

Tgt Ion:240 Resp: 625339
Ion Ratio Lower Upper
240 100
120 13.1 10.7 16.1
236 25.2 20.6 31.0





#79

Terphenyl-d14

Concen: 100.459 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.006 min

Lab File: BF141024.D

Acq: 30 Dec 2024 11:36

Instrument :

BNA_F

ClientSampleId :

PB165790BL

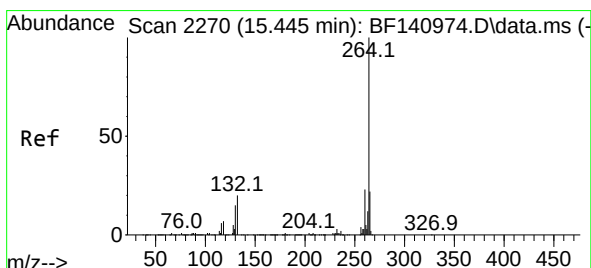
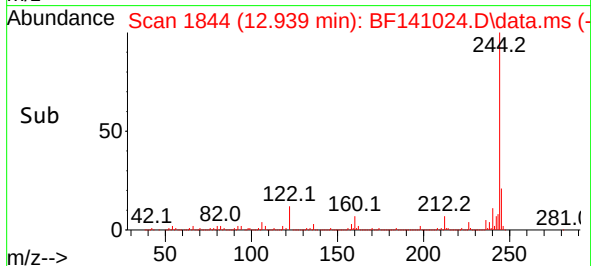
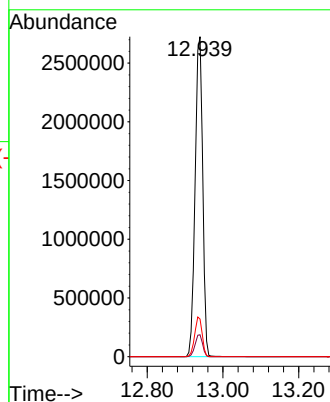
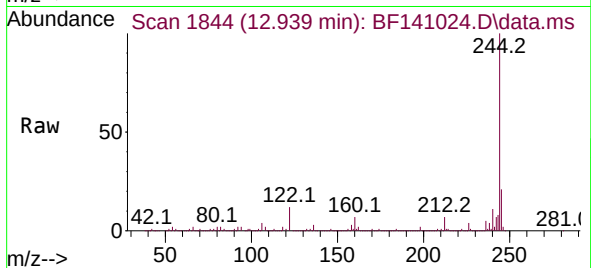
Tgt Ion:244 Resp: 3782107

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 11.8 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF141024.D

Acq: 30 Dec 2024 11:36

Tgt Ion:264 Resp: 515809

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.2 17.4 26.2

