

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
 Data File : BF141052.D
 Acq On : 31 Dec 2024 12:16
 Operator : RC/JU
 Sample : P5398-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 352

Quant Time: Dec 31 12:47:43 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	258654	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1024719	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	564439	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	941650	20.000	ng	0.00
76) Chrysene-d12	13.980	240	487339	20.000	ng	0.00
86) Perylene-d12	15.445	264	535691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	519012	30.247	ng	0.00
7) Phenol-d6	6.440	99	952409	43.086	ng	-0.01
23) Nitrobenzene-d5	7.381	82	720487	44.983	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	152650	27.832	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1412642	39.875	ng	0.00
79) Terphenyl-d14	12.927	244	1491268	50.827	ng	0.00

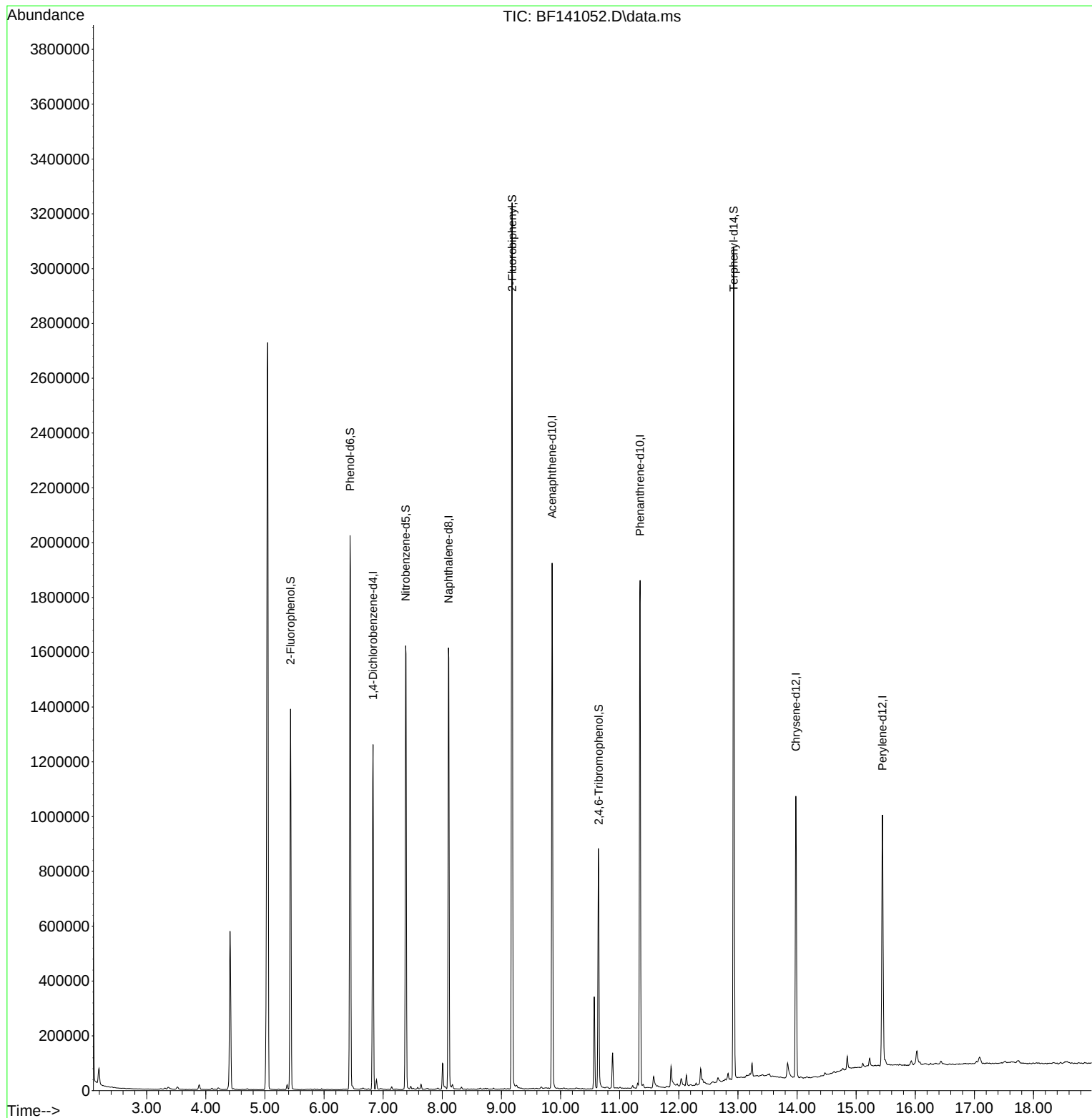
Target Compounds	Qvalue

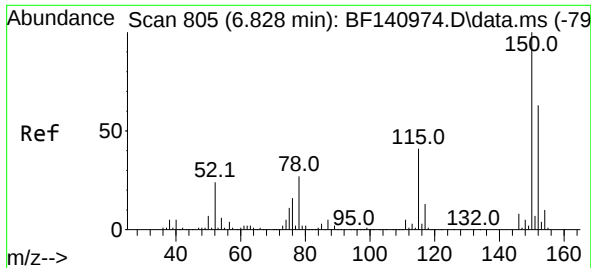
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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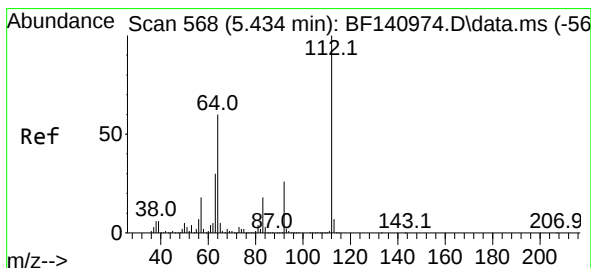
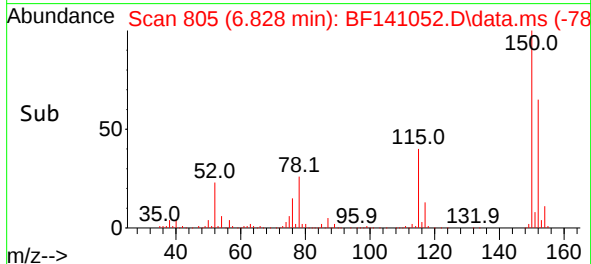
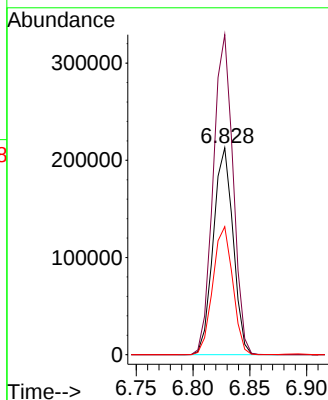
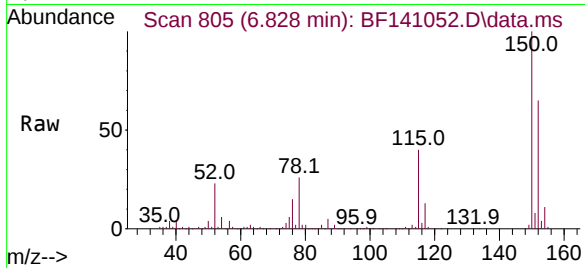




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141052.D
Acq: 31 Dec 2024 12:16

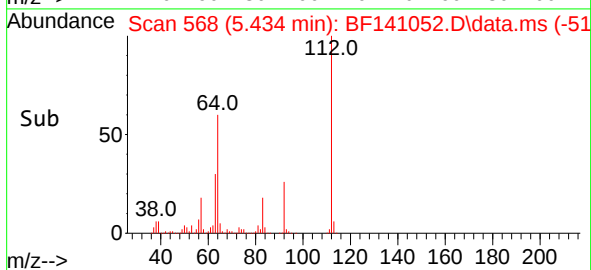
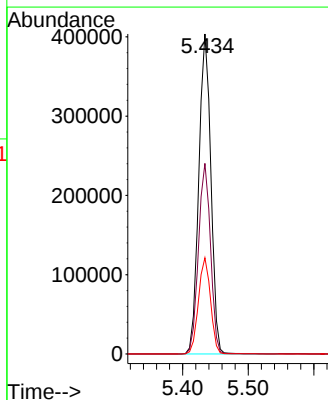
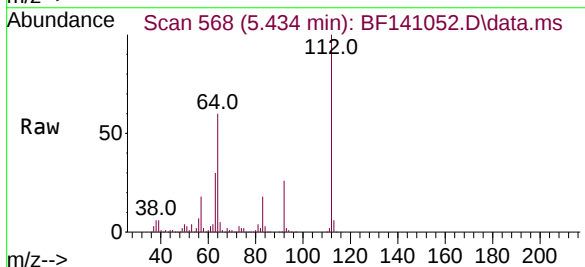
Instrument :
BNA_F
ClientSampleId :
352

Tgt Ion:152 Resp: 258654
Ion Ratio Lower Upper
152 100
150 154.6 127.0 190.6
115 61.9 51.7 77.5



#5
2-Fluorophenol
Concen: 30.247 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF141052.D
Acq: 31 Dec 2024 12:16

Tgt Ion:112 Resp: 519012
Ion Ratio Lower Upper
112 100
64 59.5 47.7 71.5
63 30.0 24.2 36.2

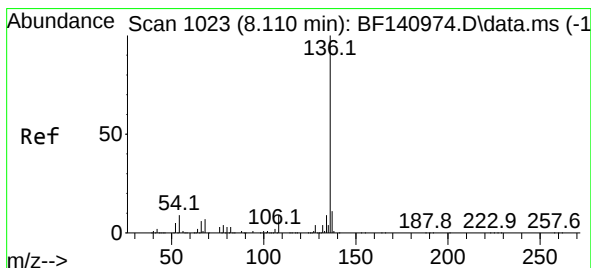
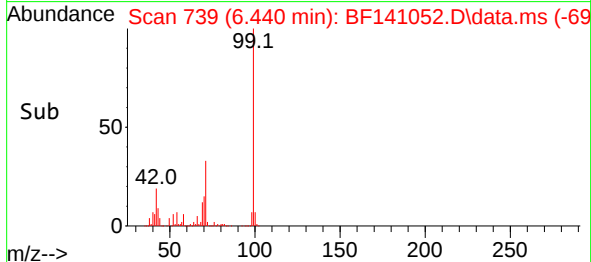
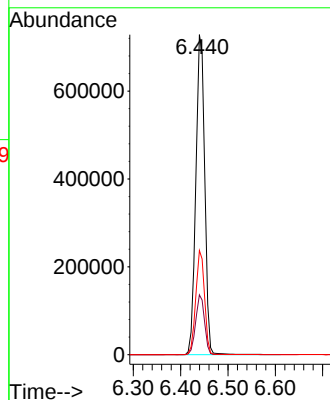
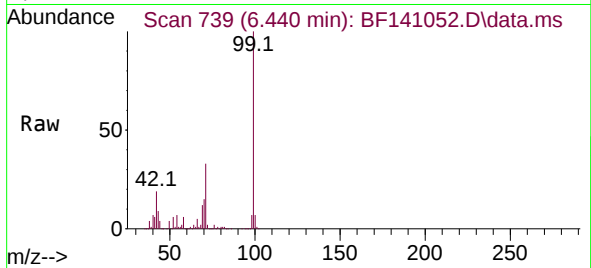




#7
Phenol-d6
Concen: 43.086 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141052.D
Acq: 31 Dec 2024 12:16

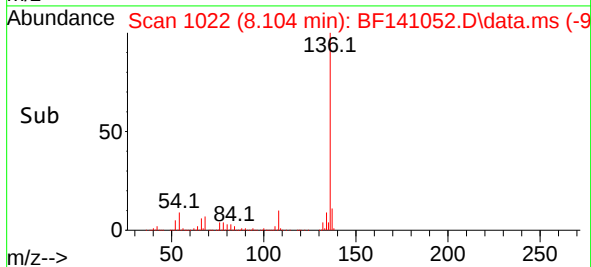
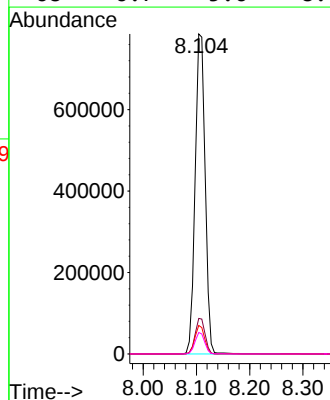
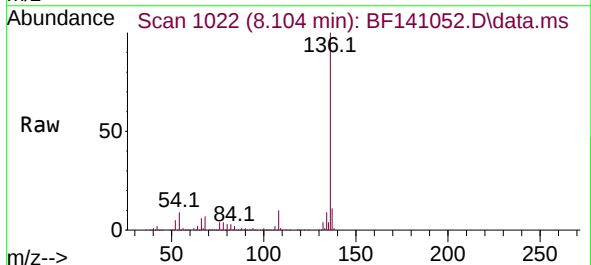
Instrument :
BNA_F
ClientSampleId :
352

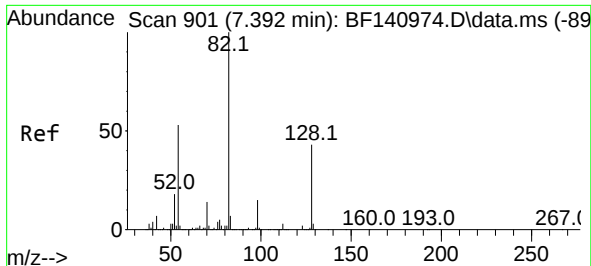
Tgt Ion: 99 Resp: 952409
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 32.5 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141052.D
Acq: 31 Dec 2024 12:16

Tgt Ion: 136 Resp: 1024719
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.9 7.6 11.4
68 6.7 5.6 8.4





#23

Nitrobenzene-d5

Concen: 44.983 ng

RT: 7.381 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF141052.D

Acq: 31 Dec 2024 12:16

Instrument :

BNA_F

ClientSampleId :

352

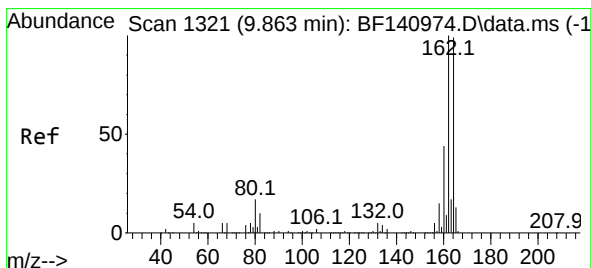
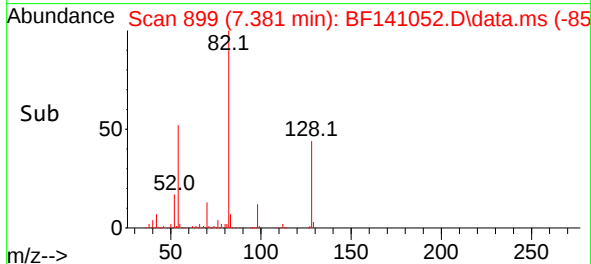
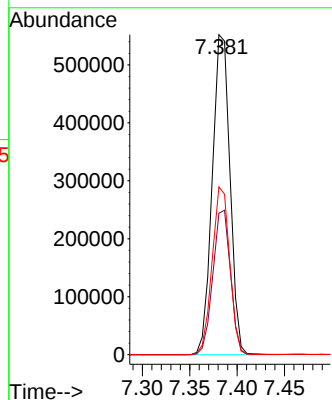
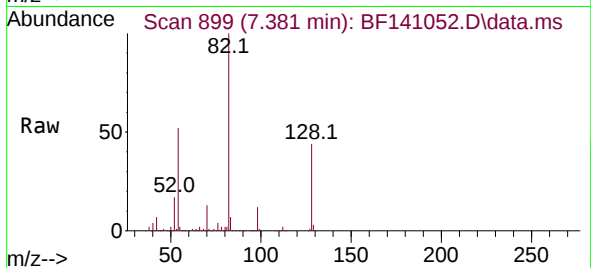
Tgt Ion: 82 Resp: 720487

Ion Ratio Lower Upper

82 100

128 44.2 34.4 51.6

54 52.4 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: BF141052.D

Acq: 31 Dec 2024 12:16

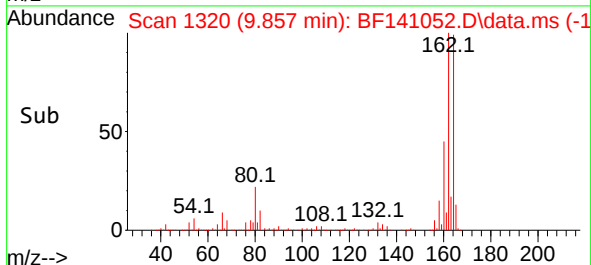
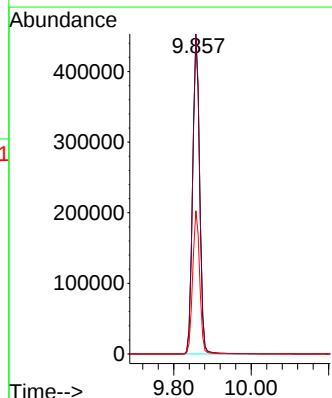
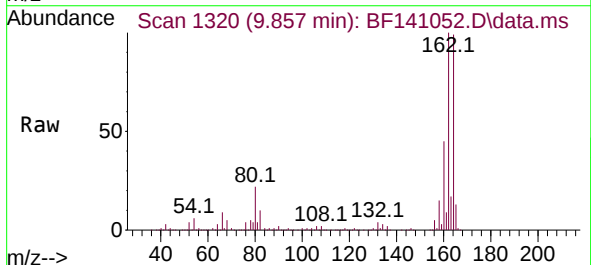
Tgt Ion:164 Resp: 564439

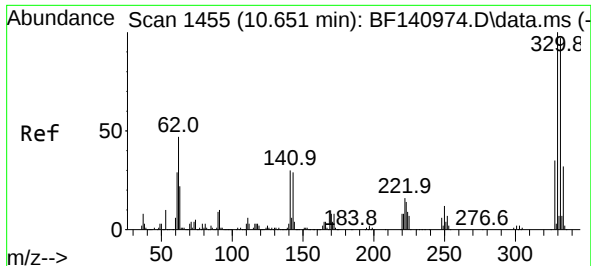
Ion Ratio Lower Upper

164 100

162 101.2 80.6 120.8

160 45.3 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 27.832 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF141052.D

Acq: 31 Dec 2024 12:16

Instrument :

BNA_F

ClientSampleId :

352

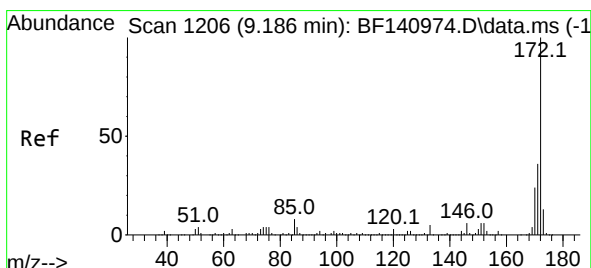
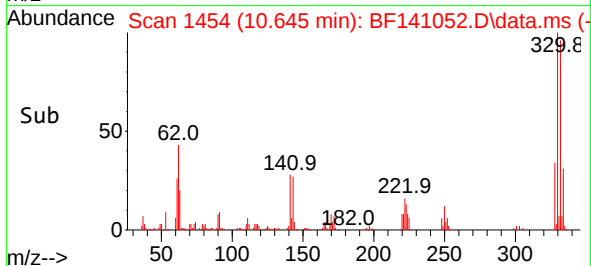
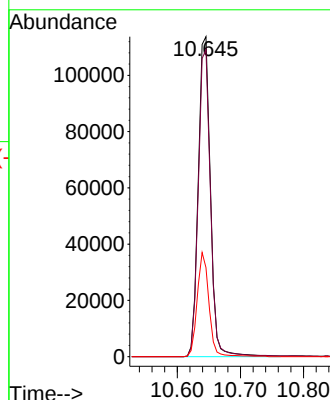
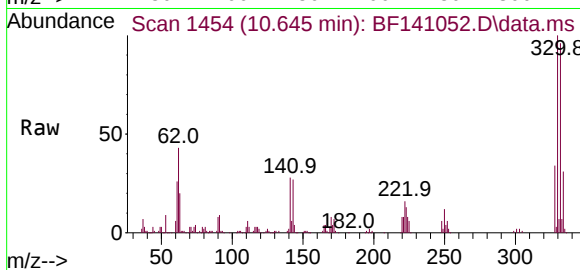
Tgt Ion:330 Resp: 152650

Ion Ratio Lower Upper

330 100

332 95.8 78.0 117.0

141 31.3 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 39.875 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141052.D

Acq: 31 Dec 2024 12:16

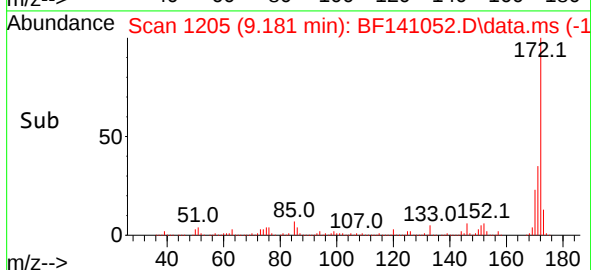
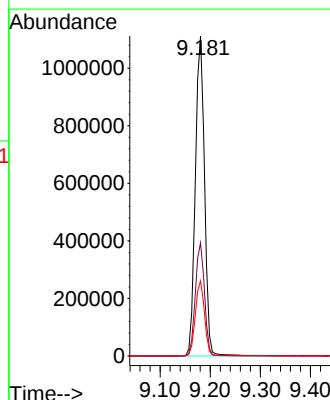
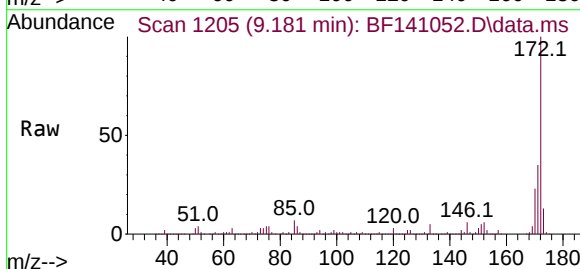
Tgt Ion:172 Resp: 1412642

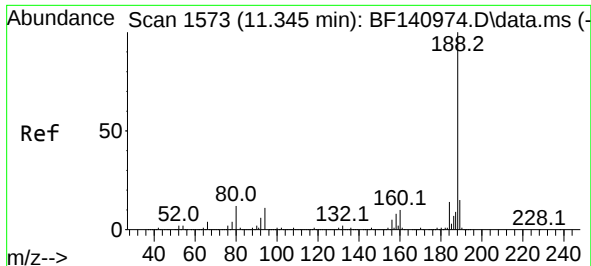
Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.4

170 23.5 19.6 29.4

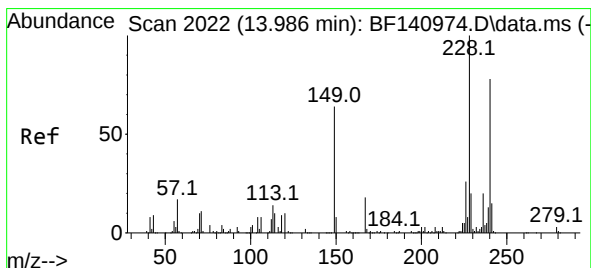
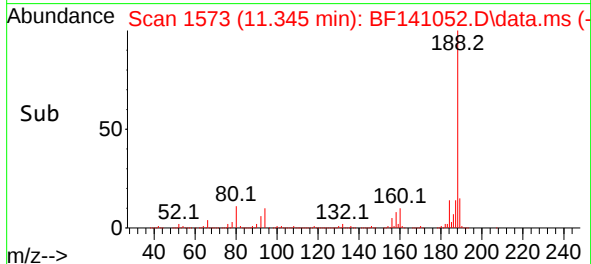
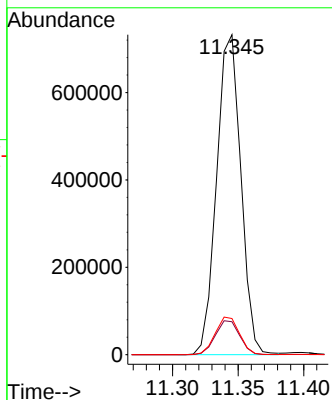
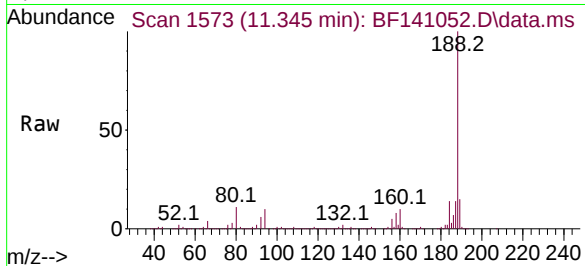




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141052.D
Acq: 31 Dec 2024 12:16

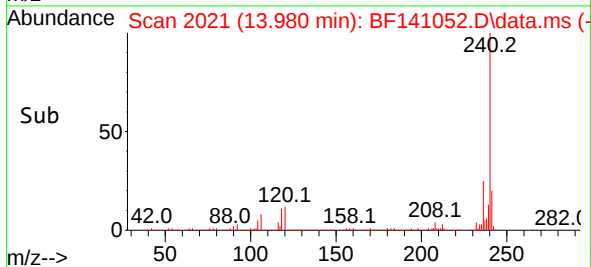
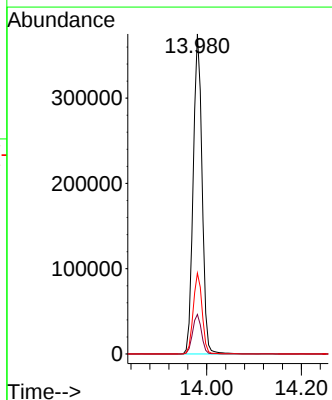
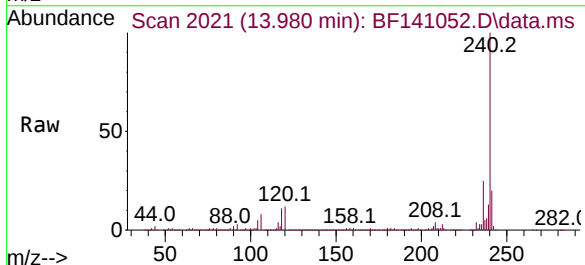
Instrument :
BNA_F
ClientSampleId :
352

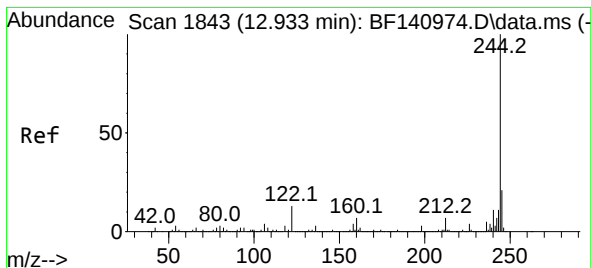
Tgt Ion:188 Resp: 941650
Ion Ratio Lower Upper
188 100
94 10.3 9.0 13.6
80 11.3 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141052.D
Acq: 31 Dec 2024 12:16

Tgt Ion:240 Resp: 487339
Ion Ratio Lower Upper
240 100
120 12.4 10.7 16.1
236 25.2 20.6 31.0





#79

Terphenyl-d14

Concen: 50.827 ng

RT: 12.927 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141052.D

Acq: 31 Dec 2024 12:16

Instrument :

BNA_F

ClientSampleId :

352

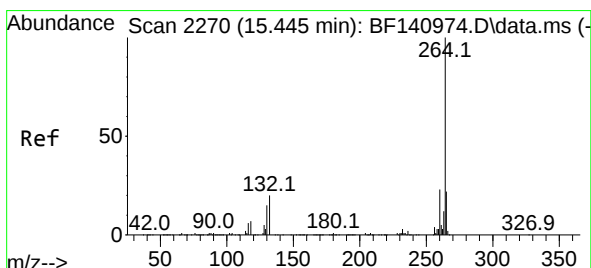
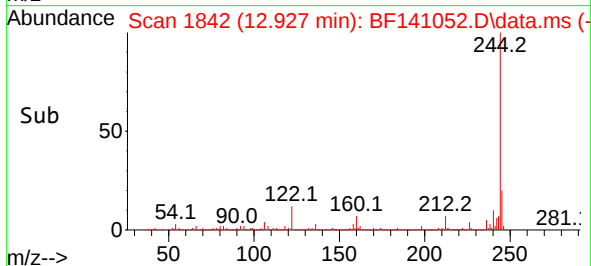
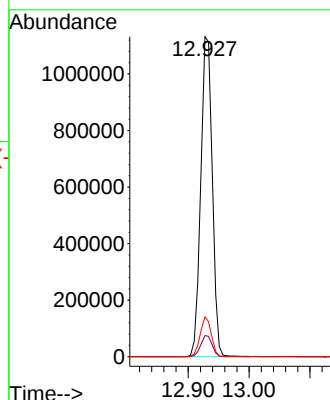
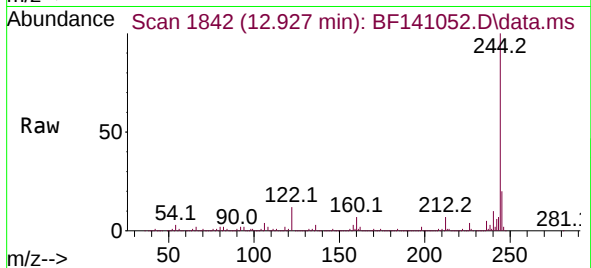
Tgt Ion:244 Resp: 1491268

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 12.5 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: BF141052.D

Acq: 31 Dec 2024 12:16

Tgt Ion:264 Resp: 535691

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.7 17.4 26.2

