

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
 Data File : BF141086.D
 Acq On : 08 Jan 2025 16:19
 Operator : RC/JU
 Sample : Q1034-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T1

Quant Time: Jan 08 16:40:44 2025
 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	198652	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	779432	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	406175	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	654093	20.000	ng	0.00
76) Chrysene-d12	13.986	240	407347	20.000	ng	0.00
86) Perylene-d12	15.462	264	424285	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1353623	102.713	ng	0.00
7) Phenol-d6	6.451	99	1841841	108.491	ng	0.00
23) Nitrobenzene-d5	7.386	82	1243722	102.088	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	471526	119.470	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2236595	87.731	ng	0.00
79) Terphenyl-d14	12.933	244	2146722	87.535	ng	0.00

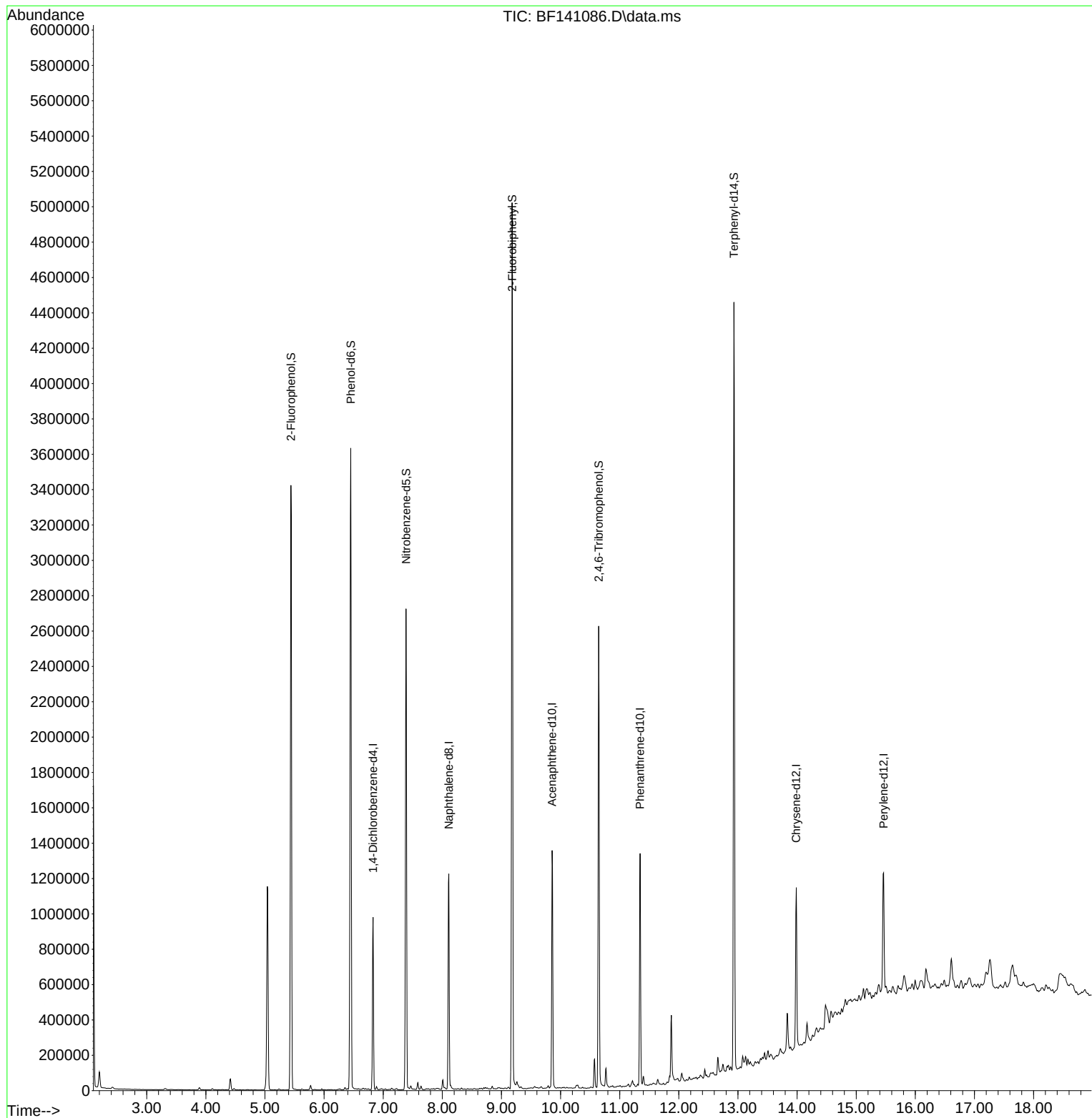
Target Compounds	Qvalue

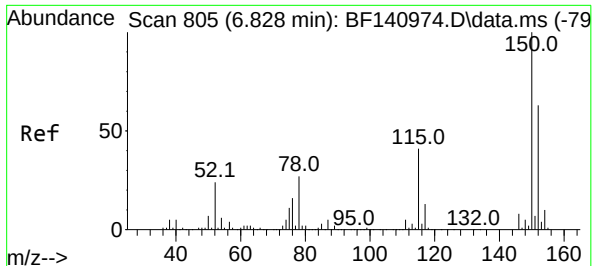
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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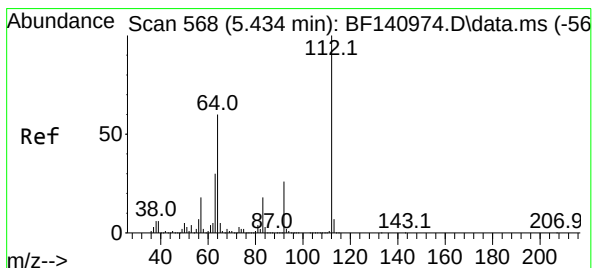
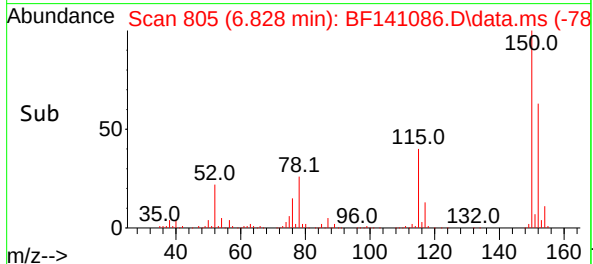
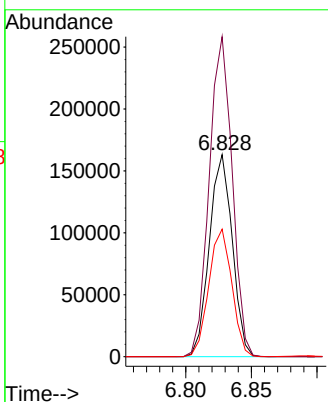
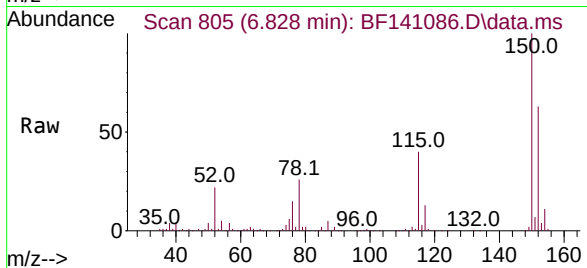




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF141086.D
 Acq: 08 Jan 2025 16:19

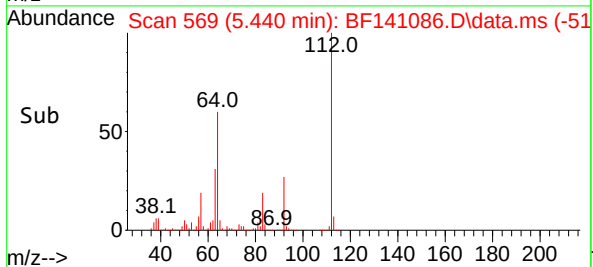
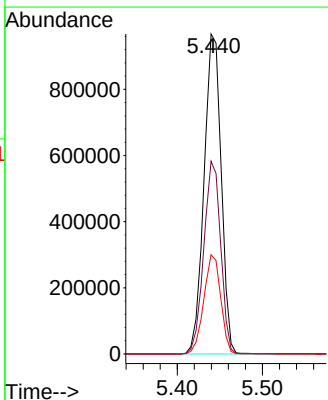
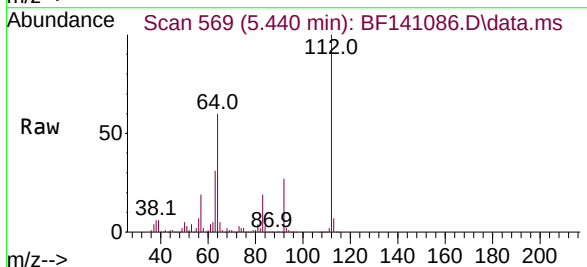
Instrument :
 BNA_F
 ClientSampleId :
 T1

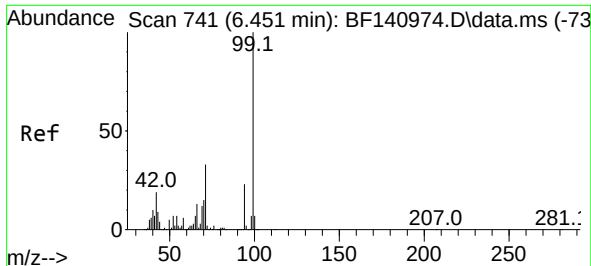
Tgt Ion:152 Resp: 198652
 Ion Ratio Lower Upper
 152 100
 150 158.4 127.0 190.6
 115 63.1 51.7 77.5



#5
 2-Fluorophenol
 Concen: 102.713 ng
 RT: 5.440 min Scan# 569
 Delta R.T. 0.006 min
 Lab File: BF141086.D
 Acq: 08 Jan 2025 16:19

Tgt Ion:112 Resp: 1353623
 Ion Ratio Lower Upper
 112 100
 64 60.2 47.7 71.5
 63 31.0 24.2 36.2

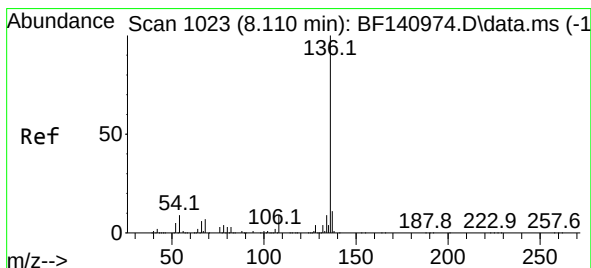
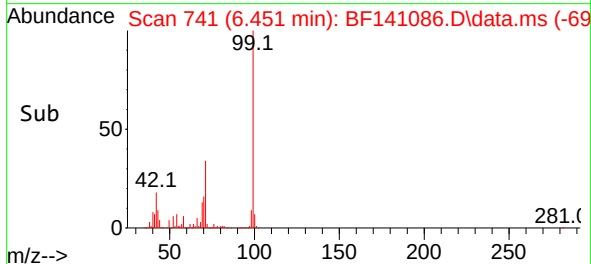
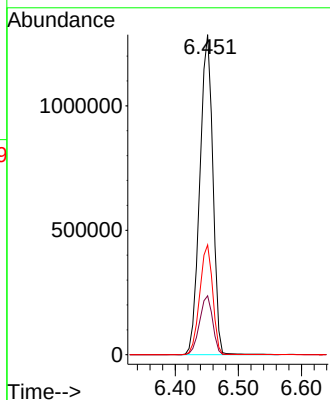
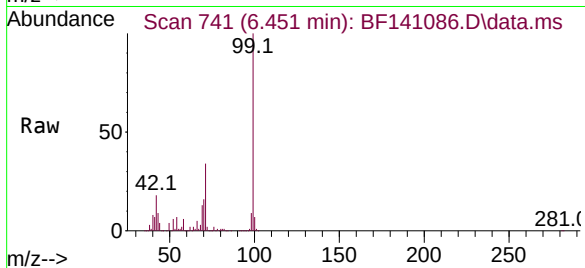




#7
Phenol-d6
Concen: 108.491 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141086.D
Acq: 08 Jan 2025 16:19

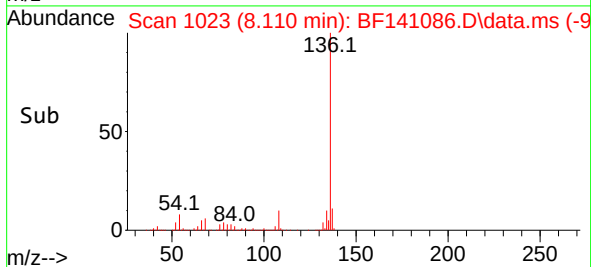
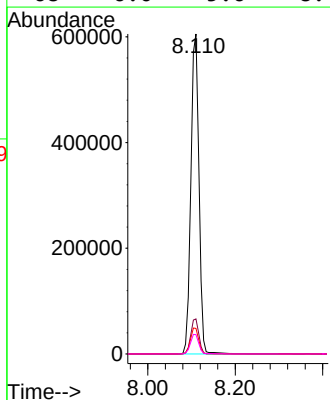
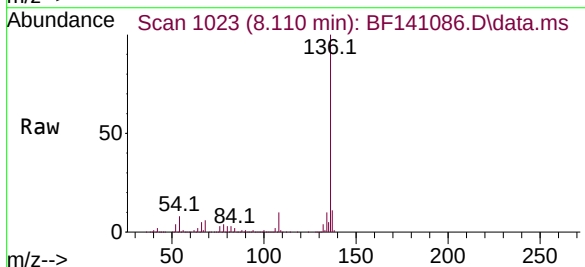
Instrument :
BNA_F
ClientSampleId :
T1

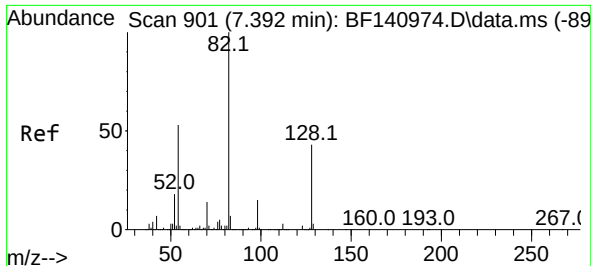
Tgt Ion: 99 Resp: 1841841
Ion Ratio Lower Upper
99 100
42 18.4 15.0 22.4
71 34.3 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141086.D
Acq: 08 Jan 2025 16:19

Tgt Ion:136 Resp: 779432
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.0 7.6 11.4
68 6.0 5.6 8.4





#23

Nitrobenzene-d5

Concen: 102.088 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141086.D

Acq: 08 Jan 2025 16:19

Instrument :

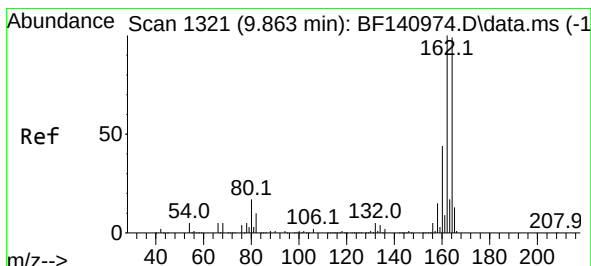
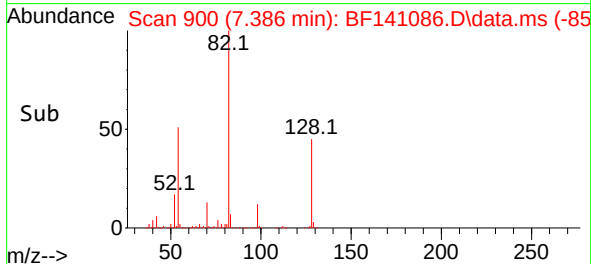
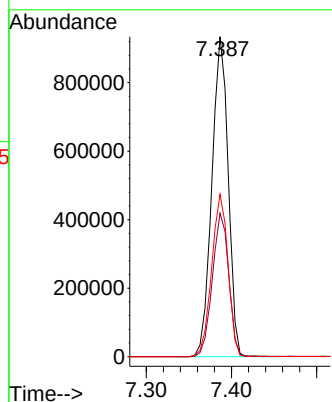
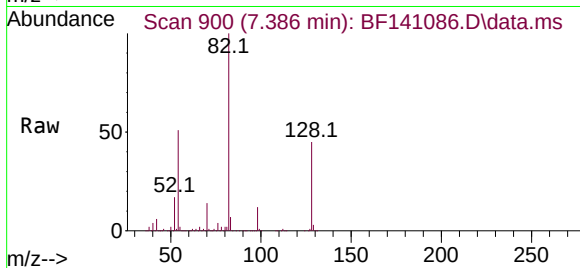
BNA_F

ClientSampleId :

T1

Tgt Ion: 82 Resp: 1243722

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.4	51.6
54	50.8	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

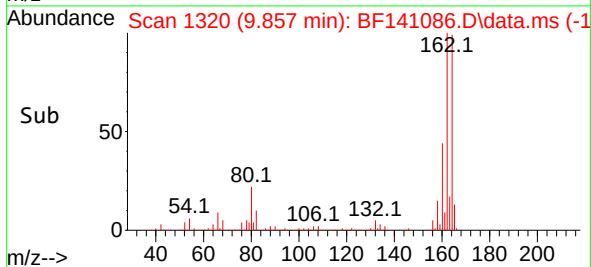
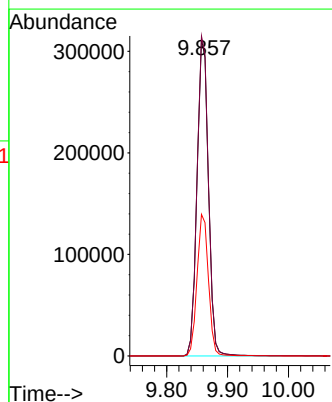
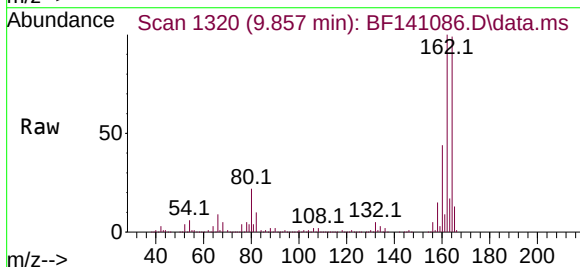
Delta R.T. -0.006 min

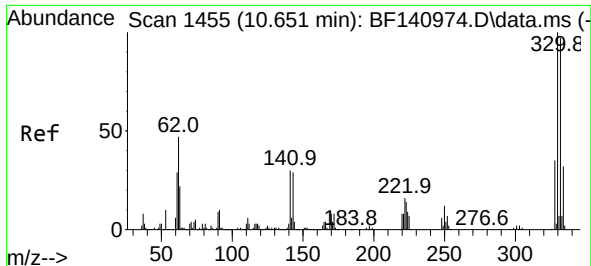
Lab File: BF141086.D

Acq: 08 Jan 2025 16:19

Tgt Ion: 164 Resp: 406175

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	44.6	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 119.470 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF141086.D

Acq: 08 Jan 2025 16:19

Instrument :

BNA_F

ClientSampleId :

T1

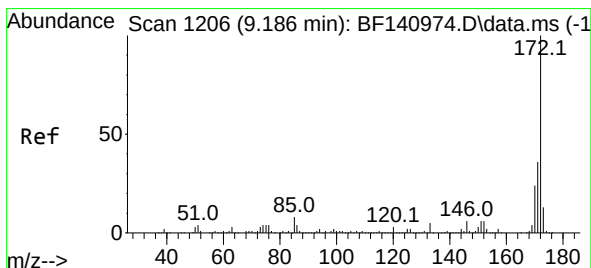
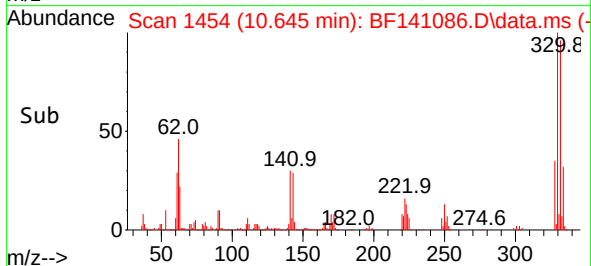
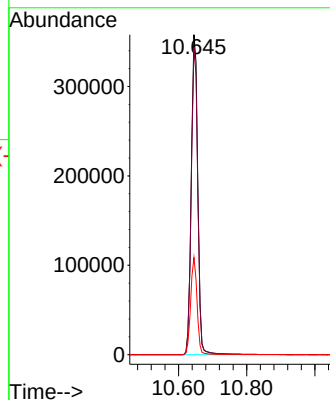
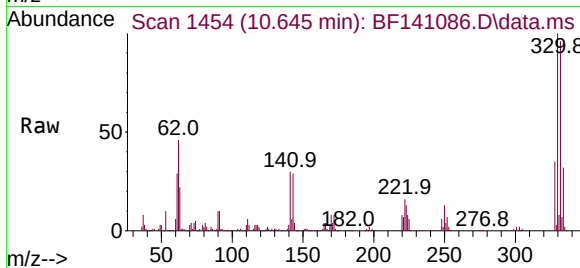
Tgt Ion:330 Resp: 471526

Ion Ratio Lower Upper

330 100

332 95.9 78.0 117.0

141 29.9 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 87.731 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141086.D

Acq: 08 Jan 2025 16:19

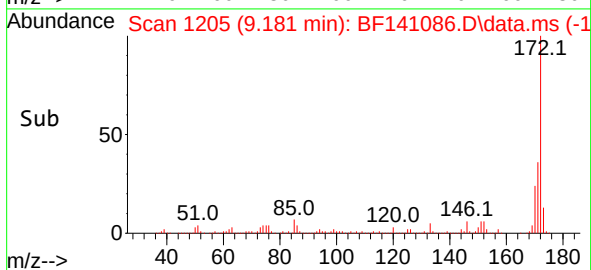
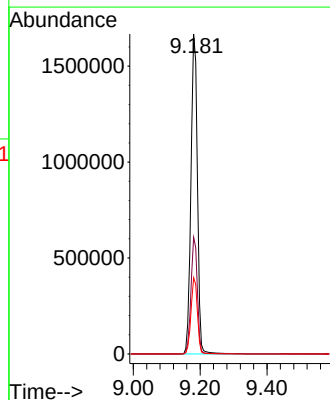
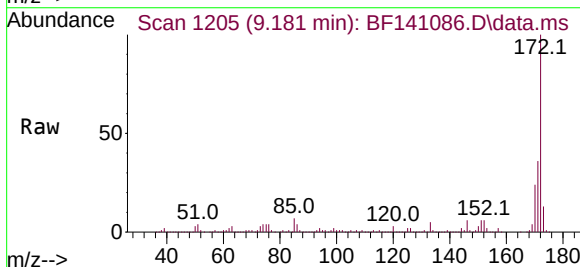
Tgt Ion:172 Resp: 2236595

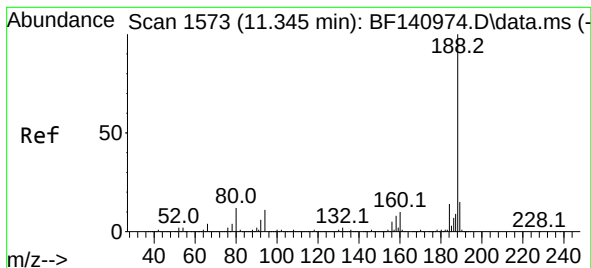
Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

170 23.8 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141086.D

Acq: 08 Jan 2025 16:19

Instrument :

BNA_F

ClientSampleId :

T1

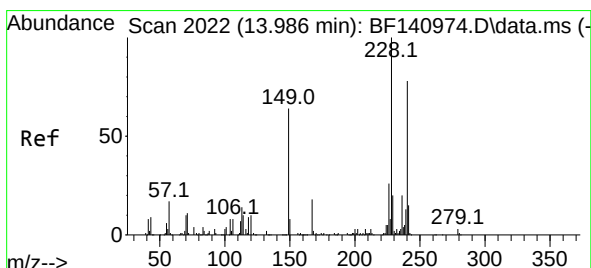
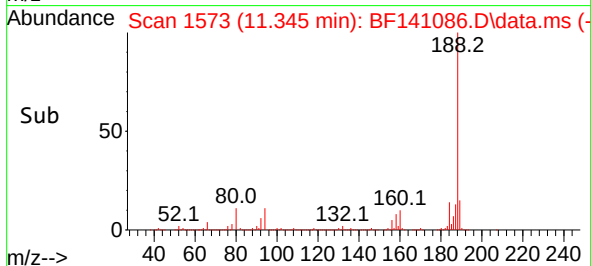
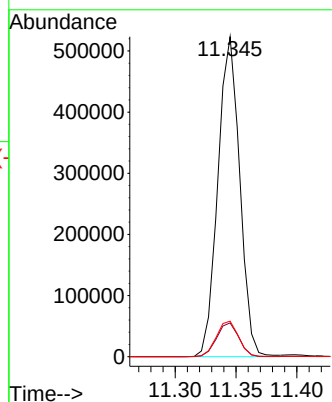
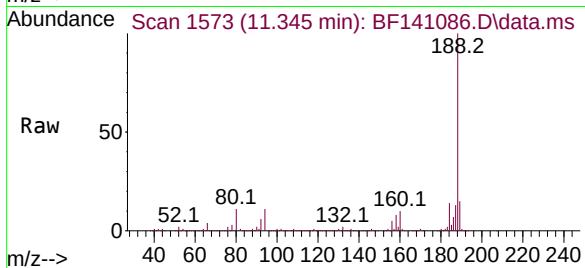
Tgt Ion:188 Resp: 654093

Ion Ratio Lower Upper

188 100

94 10.5 9.0 13.6

80 11.1 9.8 14.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF141086.D

Acq: 08 Jan 2025 16:19

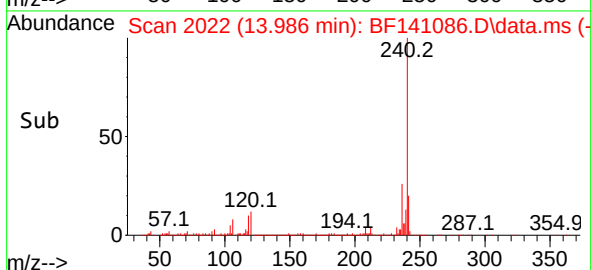
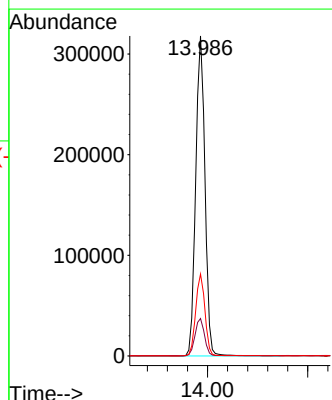
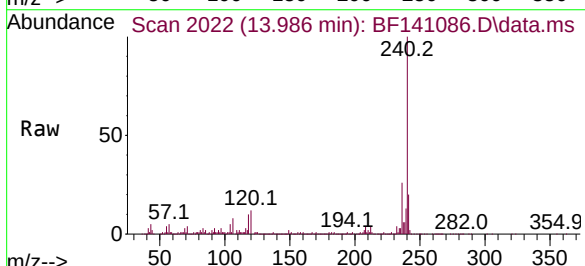
Tgt Ion:240 Resp: 407347

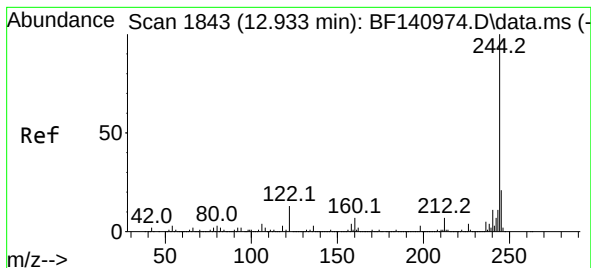
Ion Ratio Lower Upper

240 100

120 11.7 10.7 16.1

236 25.6 20.6 31.0





#79

Terphenyl-d14

Concen: 87.535 ng

RT: 12.933 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141086.D

Acq: 08 Jan 2025 16:19

Instrument :

BNA_F

ClientSampleId :

T1

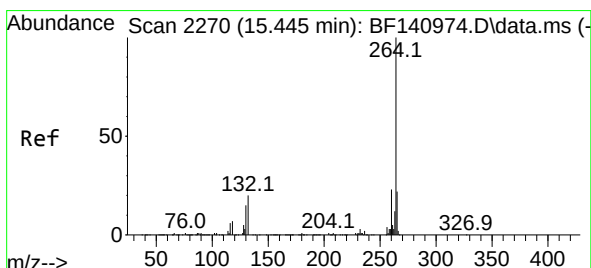
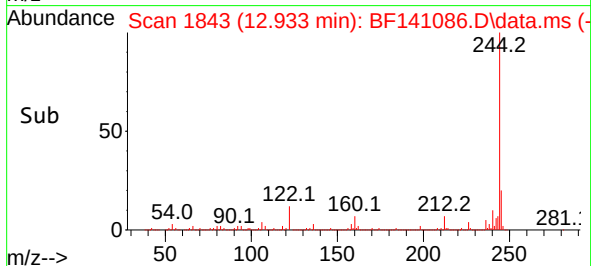
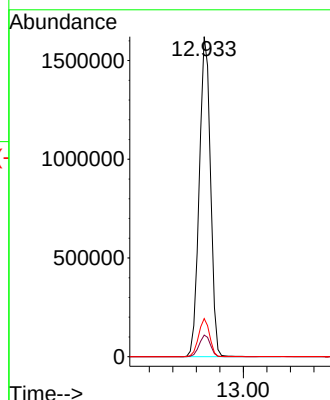
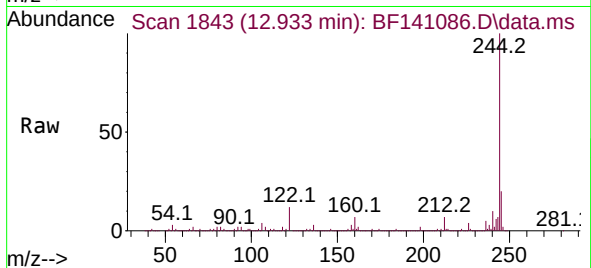
Tgt Ion:244 Resp: 2146722

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 11.9 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2273

Delta R.T. 0.018 min

Lab File: BF141086.D

Acq: 08 Jan 2025 16:19

Tgt Ion:264 Resp: 424285

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.4 17.4 26.2

