

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
 Data File : BF141201.D
 Acq On : 17 Jan 2025 18:59
 Operator : RC/JU
 Sample : Q1115-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11995

Quant Time: Jan 17 23:11:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	191494	20.000	ng	-0.01
21) Naphthalene-d8	8.086	136	760379	20.000	ng	-0.02
39) Acenaphthene-d10	9.839	164	407176	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	640808	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	377870	20.000	ng	-0.02
86) Perylene-d12	15.427	264	383240	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1566081	126.337	ng	0.01
7) Phenol-d6	6.439	99	1862466	118.612	ng	0.00
23) Nitrobenzene-d5	7.369	82	1300714	90.677	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	651710	140.470	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	2399276	89.981	ng	-0.02
79) Terphenyl-d14	12.921	244	2220985	87.360	ng	-0.01

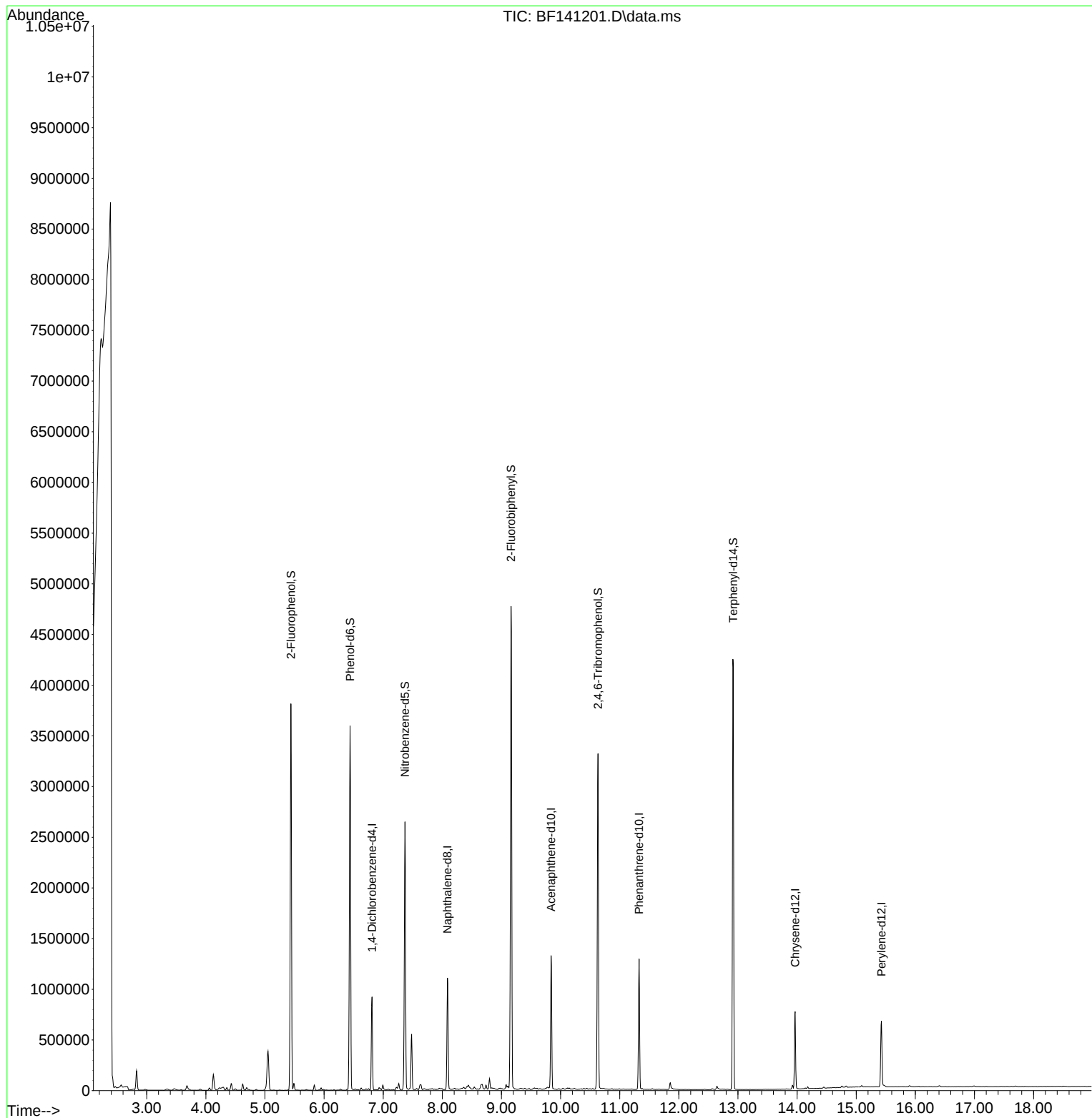
Target Compounds	Qvalue

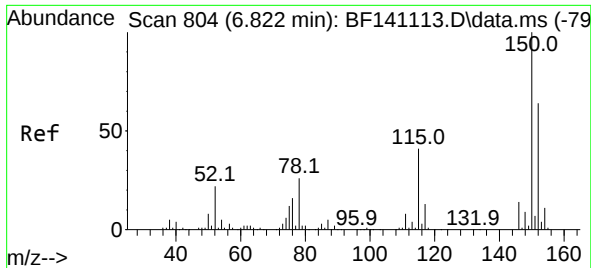
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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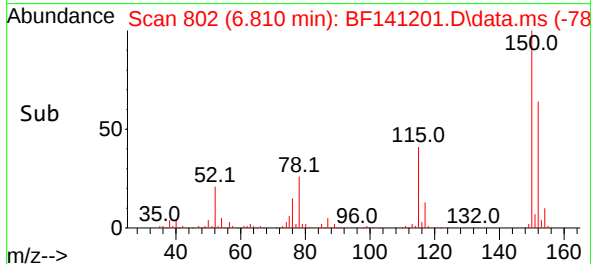
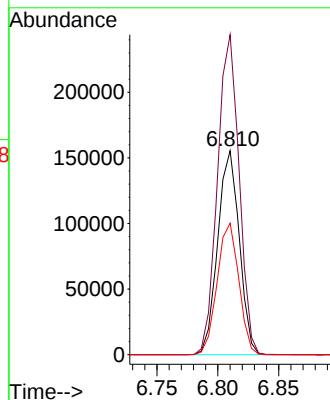
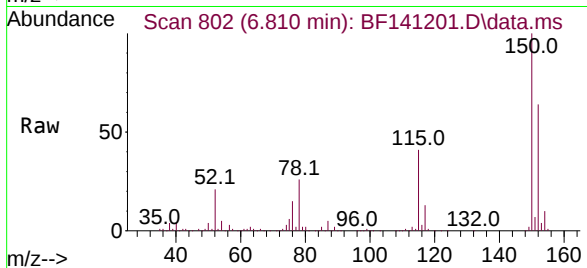




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.012 min
Lab File: BF141201.D
Acq: 17 Jan 2025 18:59

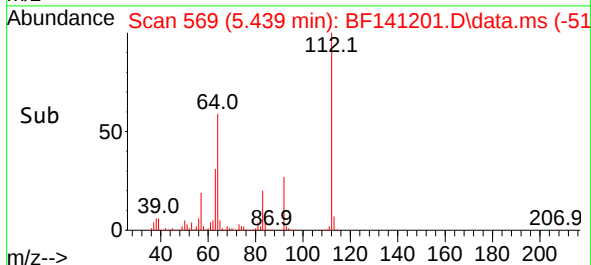
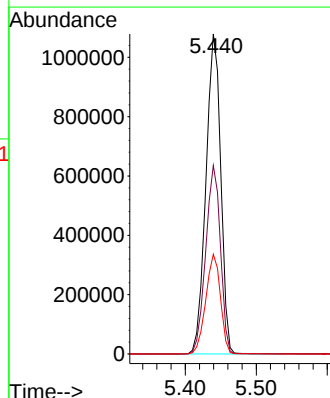
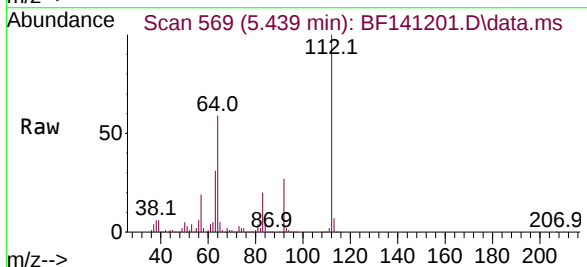
Instrument :
BNA_F
ClientSampleId :
72-11995

Tgt Ion:152 Resp: 191494
Ion Ratio Lower Upper
152 100
150 156.8 125.8 188.8
115 64.5 51.4 77.2



#5
2-Fluorophenol
Concen: 126.337 ng
RT: 5.439 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF141201.D
Acq: 17 Jan 2025 18:59

Tgt Ion:112 Resp: 1566081
Ion Ratio Lower Upper
112 100
64 58.9 47.3 70.9
63 31.2 24.2 36.2

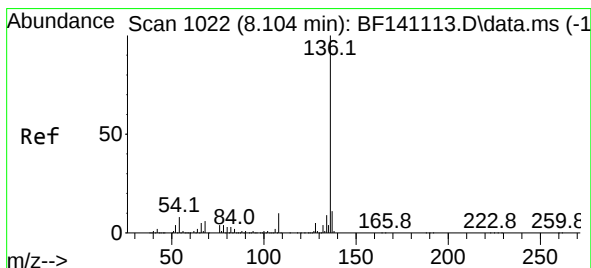
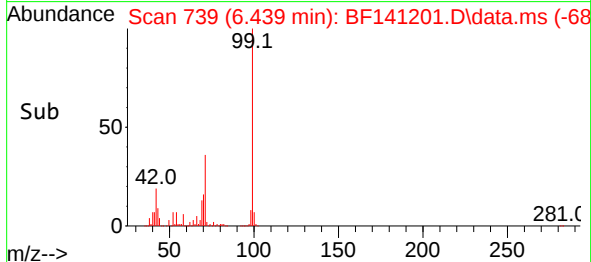
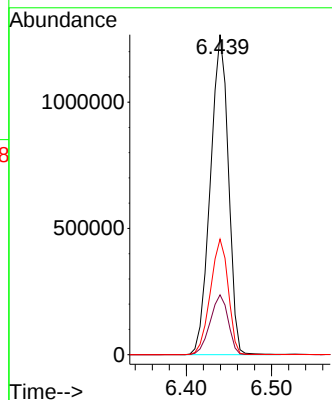
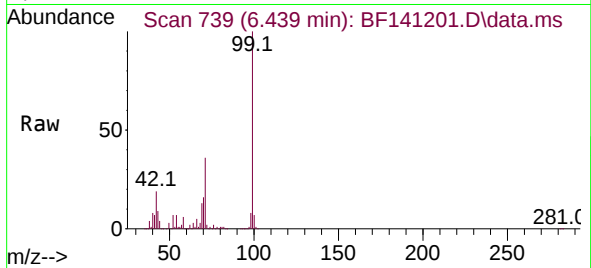




#7
Phenol-d6
Concen: 118.612 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141201.D
Acq: 17 Jan 2025 18:59

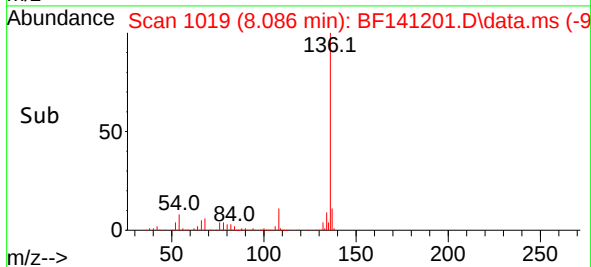
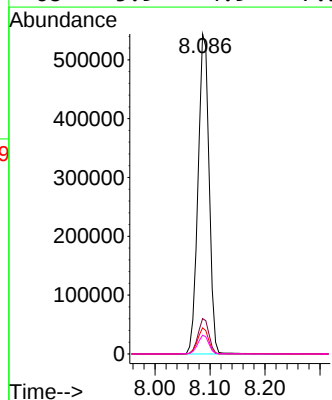
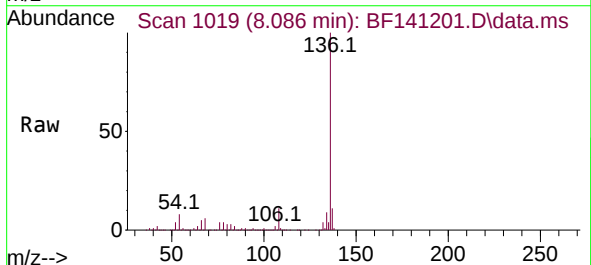
Instrument :
BNA_F
ClientSampleId :
72-11995

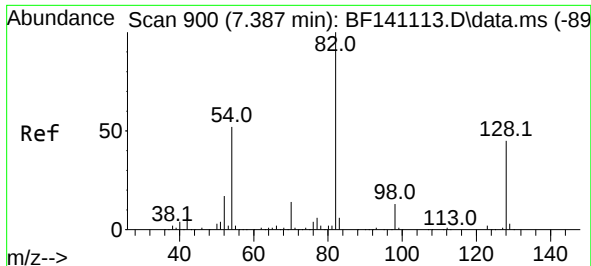
Tgt Ion: 99 Resp: 1862466
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 36.1 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141201.D
Acq: 17 Jan 2025 18:59

Tgt Ion: 136 Resp: 760379
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.2 6.3 9.5
68 5.9 4.9 7.3

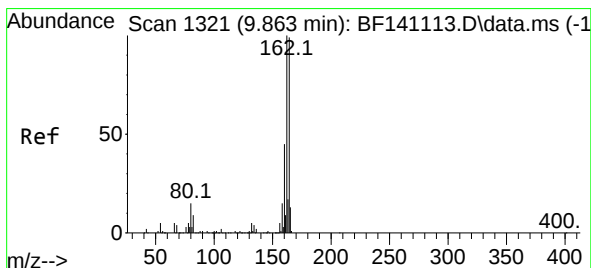
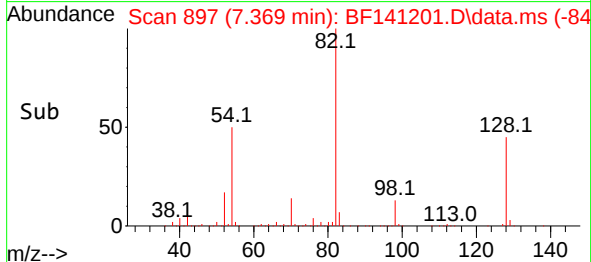
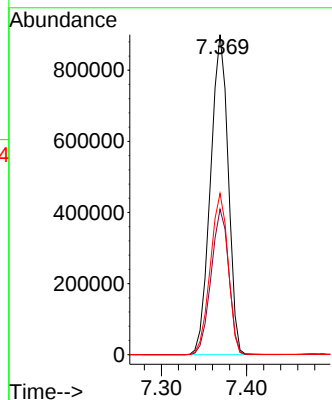
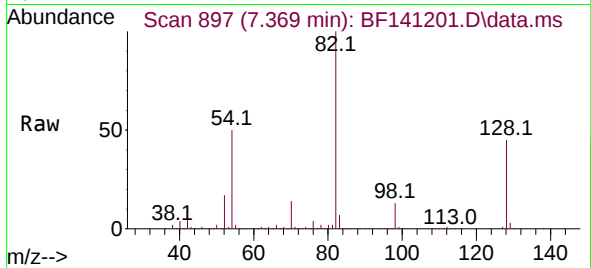




#23
Nitrobenzene-d5
Concen: 90.677 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF141201.D
Acq: 17 Jan 2025 18:59

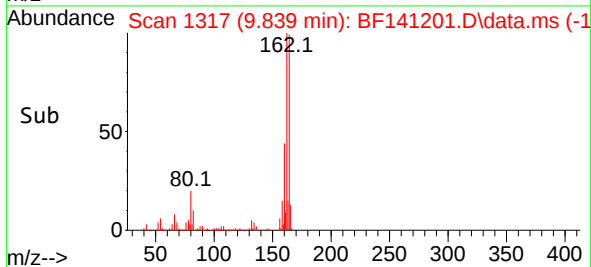
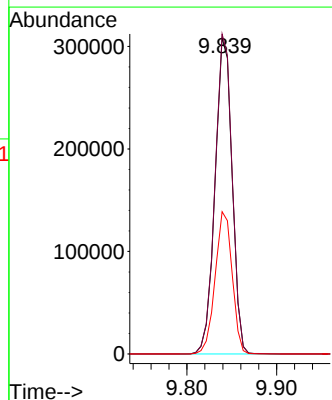
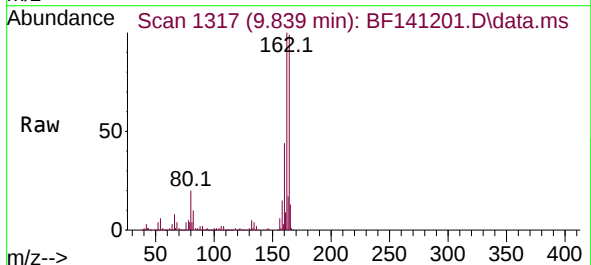
Instrument :
BNA_F
ClientSampleId :
72-11995

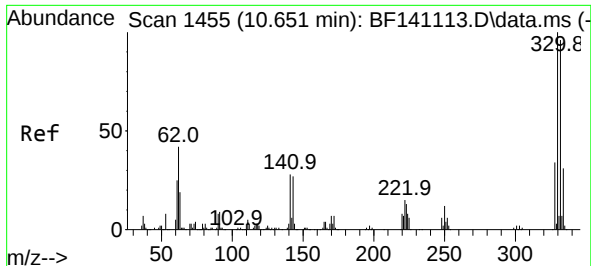
Tgt Ion: 82 Resp: 1300714
Ion Ratio Lower Upper
82 100
128 45.5 36.1 54.1
54 50.4 41.0 61.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.024 min
Lab File: BF141201.D
Acq: 17 Jan 2025 18:59

Tgt Ion:164 Resp: 407176
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 45.0 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 140.470 ng

RT: 10.633 min Scan# 1455

Delta R.T. -0.018 min

Lab File: BF141201.D

Acq: 17 Jan 2025 18:59

Instrument :

BNA_F

ClientSampleId :

72-11995

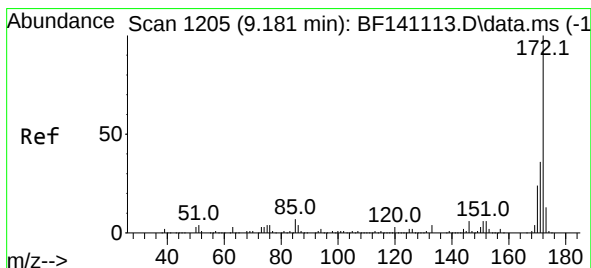
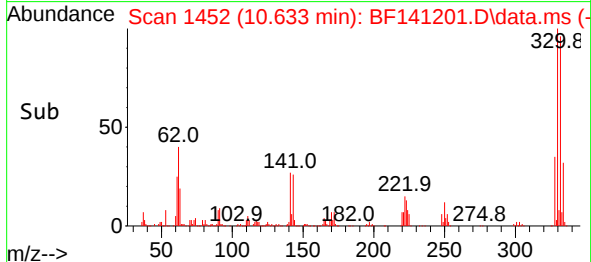
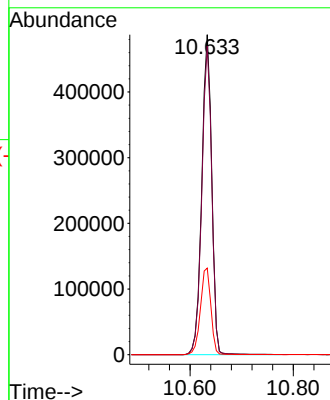
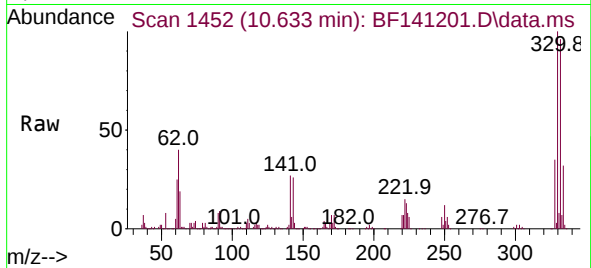
Tgt Ion:330 Resp: 651710

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

141 28.4 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 89.981 ng

RT: 9.163 min Scan# 1202

Delta R.T. -0.018 min

Lab File: BF141201.D

Acq: 17 Jan 2025 18:59

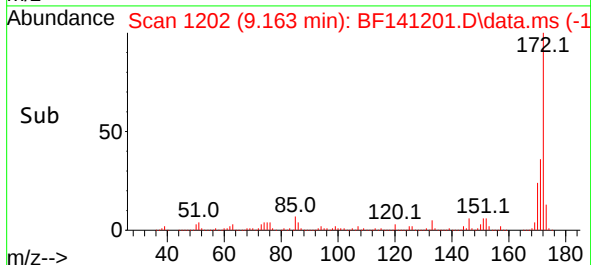
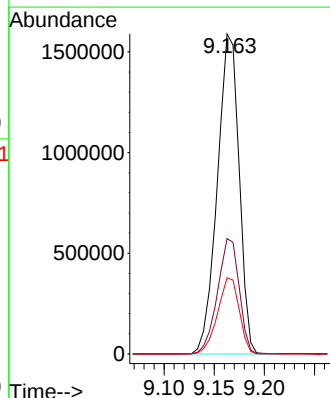
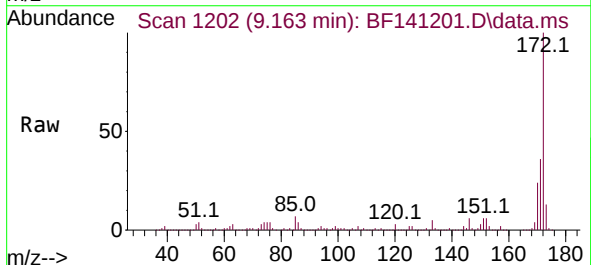
Tgt Ion:172 Resp: 2399276

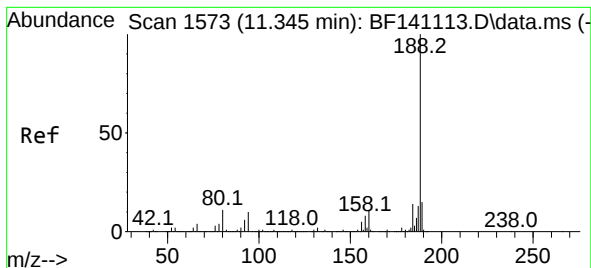
Ion Ratio Lower Upper

172 100

171 36.1 28.7 43.1

170 23.8 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141201.D

Acq: 17 Jan 2025 18:59

Instrument :

BNA_F

ClientSampleId :

72-11995

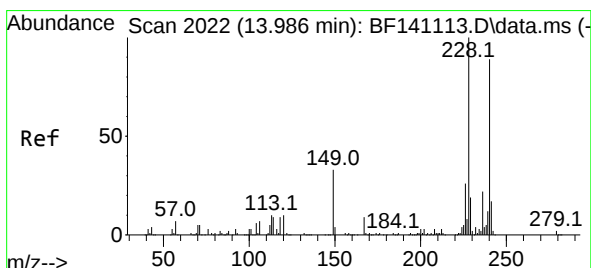
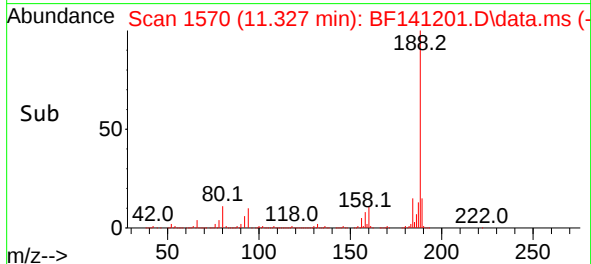
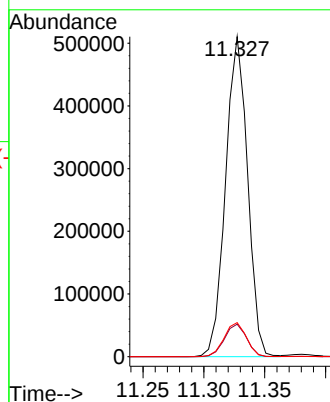
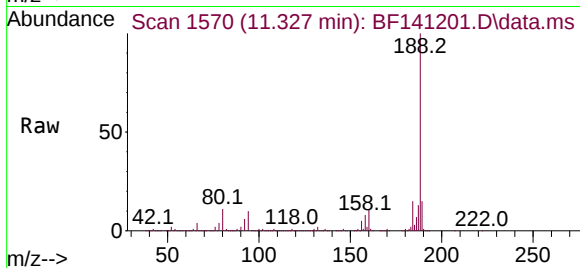
Tgt Ion:188 Resp: 640808

Ion Ratio Lower Upper

188 100

94 10.2 8.3 12.5

80 10.6 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.018 min

Lab File: BF141201.D

Acq: 17 Jan 2025 18:59

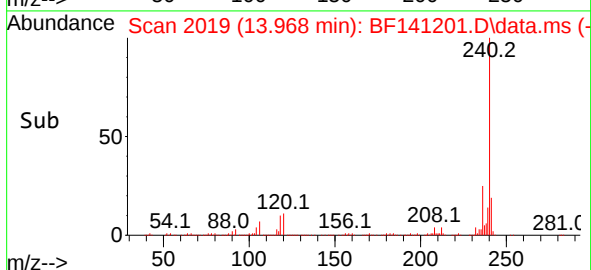
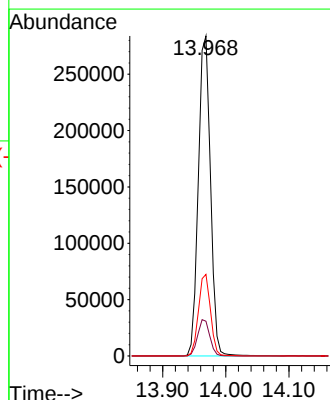
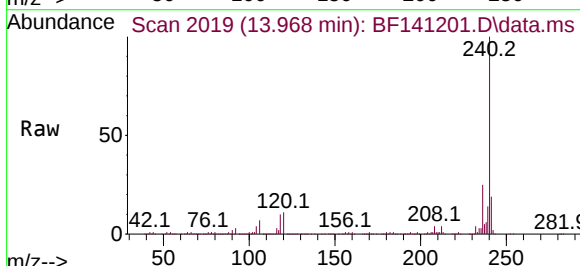
Tgt Ion:240 Resp: 377870

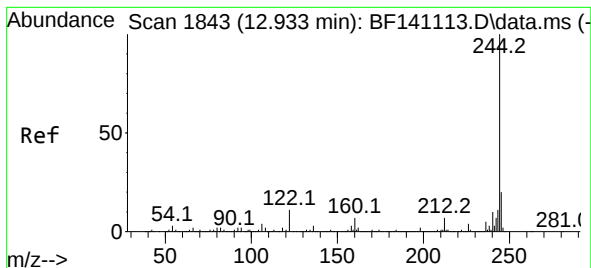
Ion Ratio Lower Upper

240 100

120 10.8 9.1 13.7

236 25.5 19.8 29.6





#79

Terphenyl-d14

Concen: 87.360 ng

RT: 12.921 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF141201.D

Acq: 17 Jan 2025 18:59

Instrument :

BNA_F

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72-11995

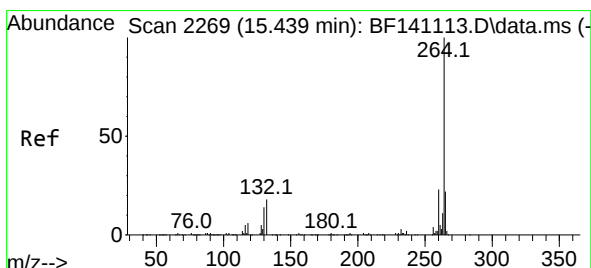
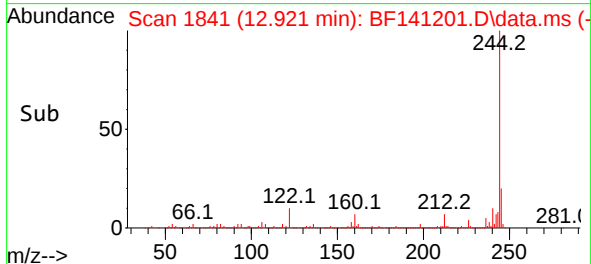
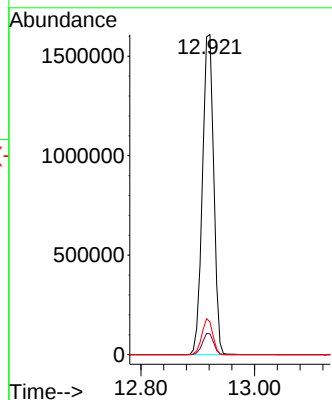
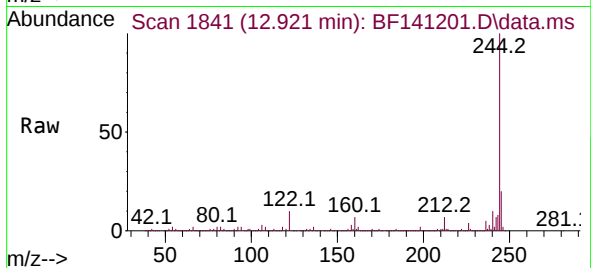
Tgt Ion:244 Resp: 2220985

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.2 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 2267

Delta R.T. -0.012 min

Lab File: BF141201.D

Acq: 17 Jan 2025 18:59

Tgt Ion:264 Resp: 383240

Ion Ratio Lower Upper

264 100

260 22.8 18.6 28.0

265 22.0 17.4 26.0

