

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141371.D
 Acq On : 03 Feb 2025 15:52
 Operator : RC/JU
 Sample : Q1239-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 357

Quant Time: Feb 03 16:45:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	78740	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	323766	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	180429	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	320910	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	270158	20.000	ng	-0.02
86) Perylene-d12	15.427	264	217501	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	718618	140.110	ng	0.02
7) Phenol-d6	6.440	99	810713	124.253	ng	0.00
23) Nitrobenzene-d5	7.357	82	658572	107.231	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	299543	181.089	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1254168	106.990	ng	-0.01
79) Terphenyl-d14	12.910	244	1542054	88.027	ng	0.00

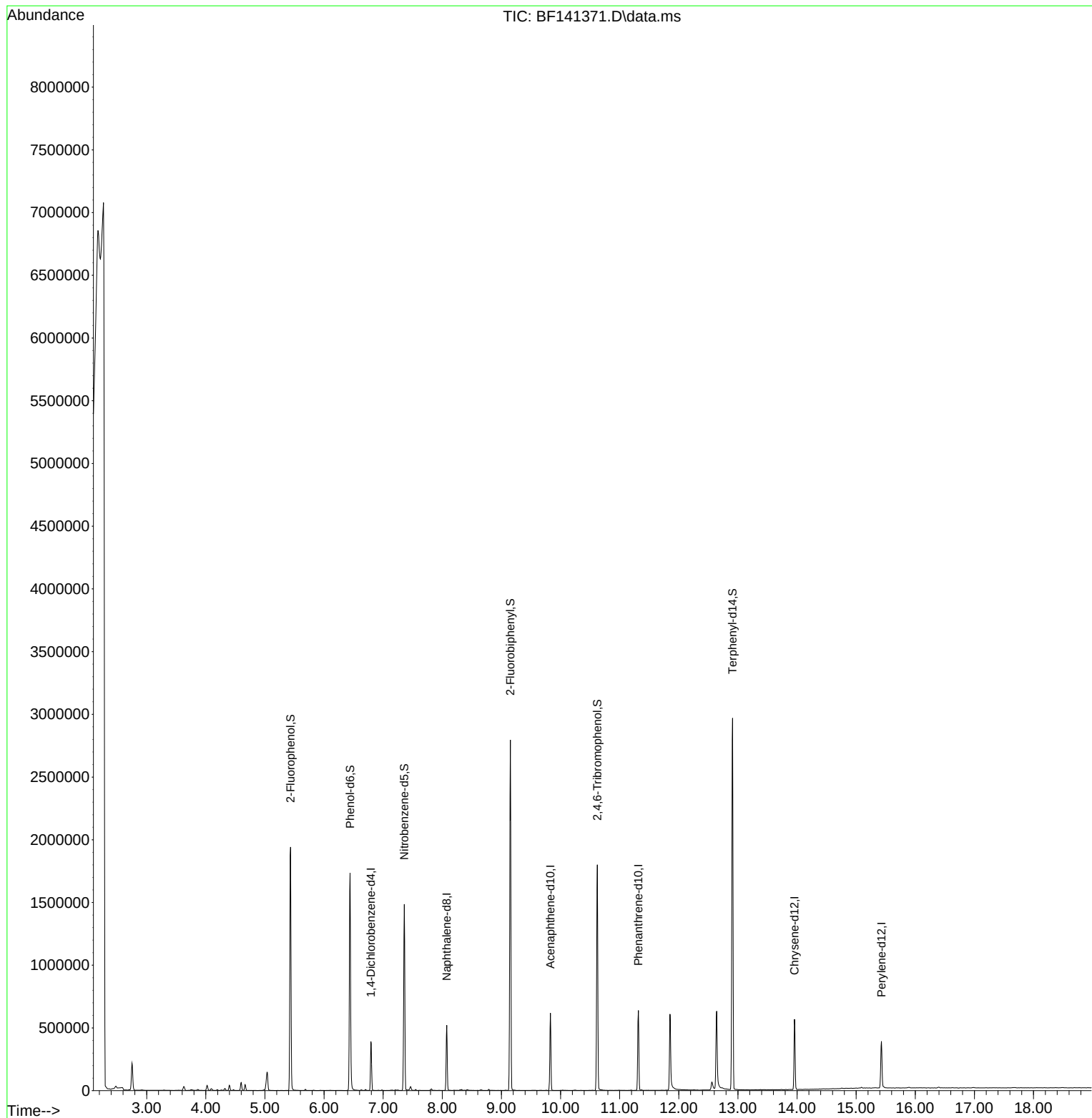
Target Compounds	Qvalue

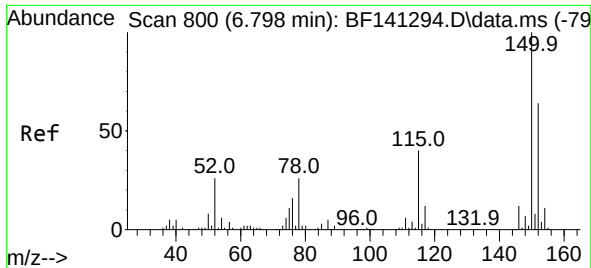
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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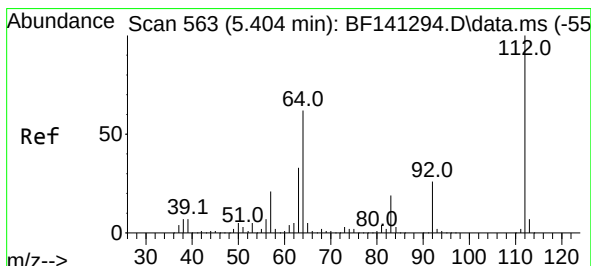
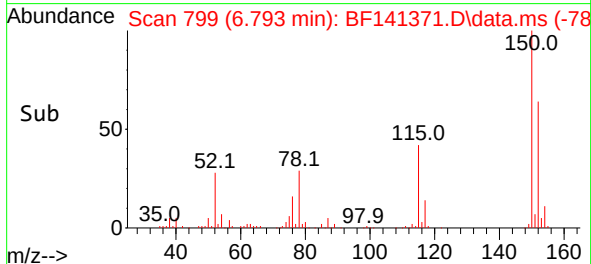
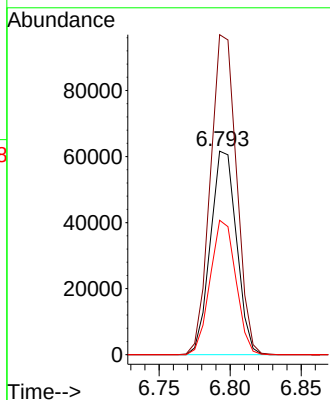
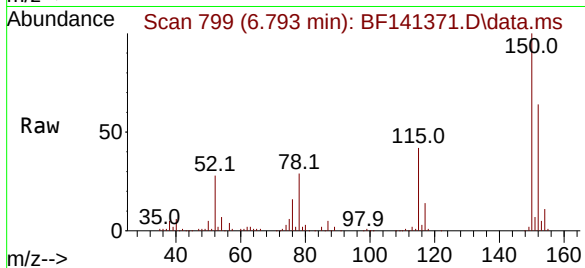




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141371.D
 Acq: 03 Feb 2025 15:52

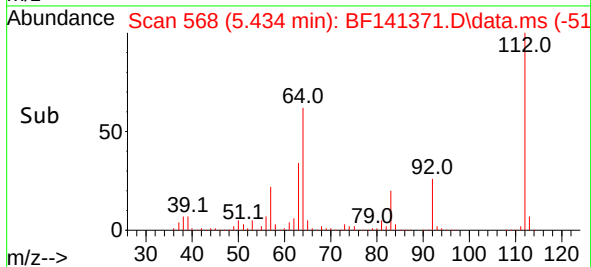
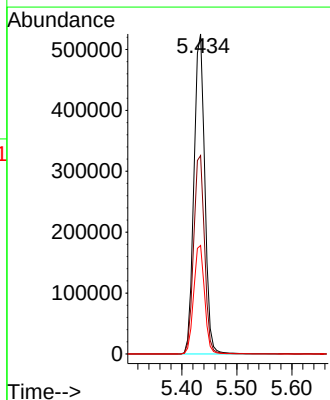
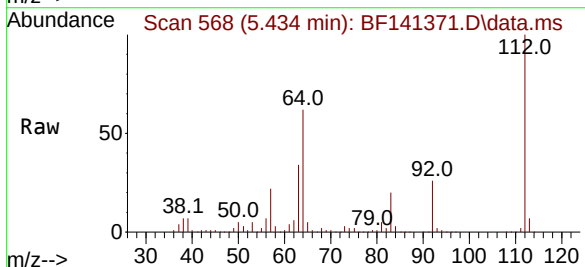
Instrument :
 BNA_F
 ClientSampleId :
 357

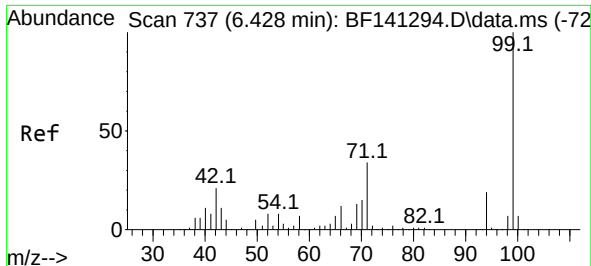
Tgt Ion:152 Resp: 78740
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.9 188.9
 115 66.0 49.7 74.5



#5
 2-Fluorophenol
 Concen: 140.110 ng
 RT: 5.434 min Scan# 568
 Delta R.T. 0.024 min
 Lab File: BF141371.D
 Acq: 03 Feb 2025 15:52

Tgt Ion:112 Resp: 718618
 Ion Ratio Lower Upper
 112 100
 64 62.0 49.8 74.8
 63 33.9 26.1 39.1

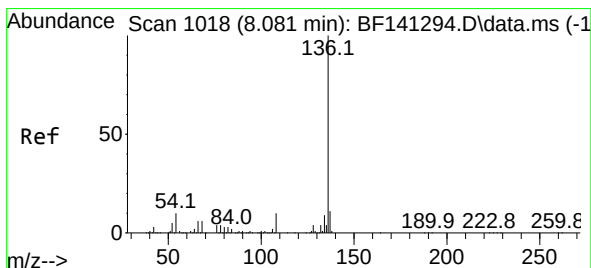
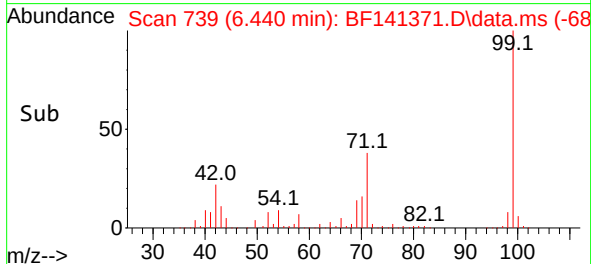
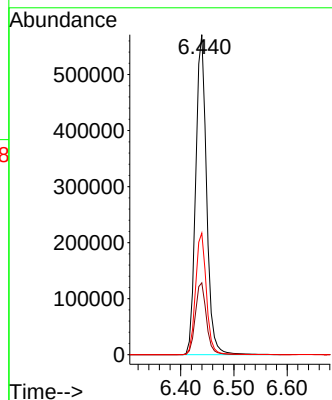
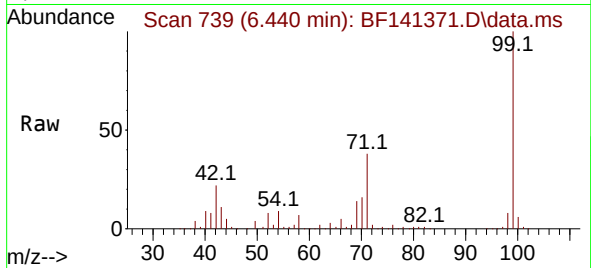




#7
Phenol-d6
Concen: 124.253 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141371.D
Acq: 03 Feb 2025 15:52

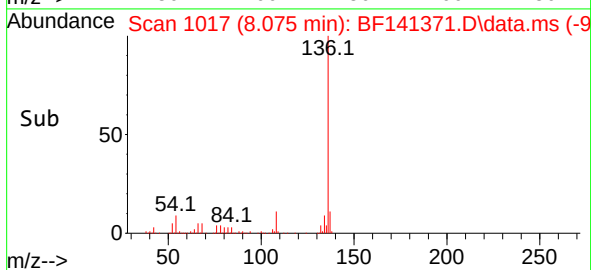
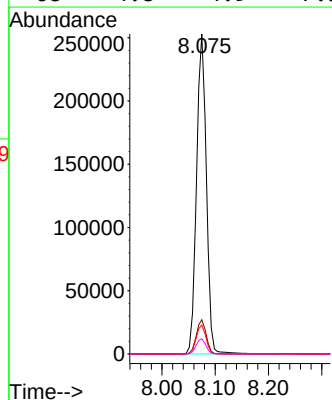
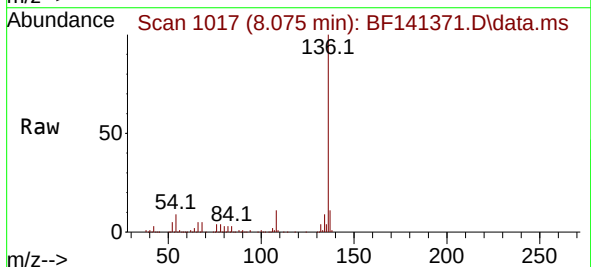
Instrument :
BNA_F
ClientSampleId :
357

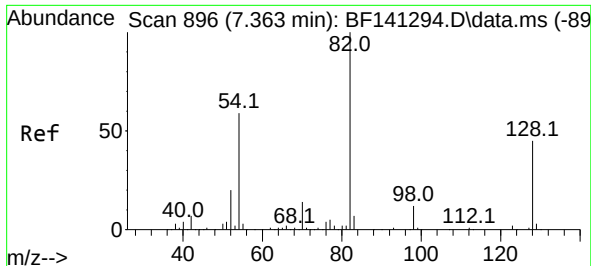
Tgt Ion: 99 Resp: 810713
Ion Ratio Lower Upper
99 100
42 22.4 17.1 25.7
71 38.0 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141371.D
Acq: 03 Feb 2025 15:52

Tgt Ion: 136 Resp: 323766
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.0 7.8 11.8
68 4.8 4.9 7.3#

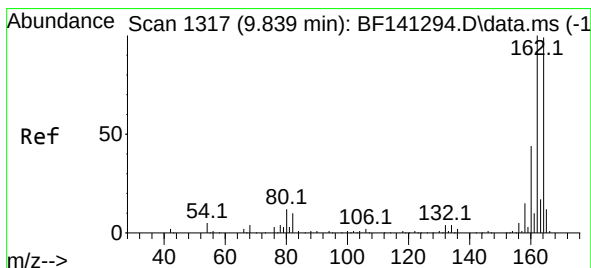
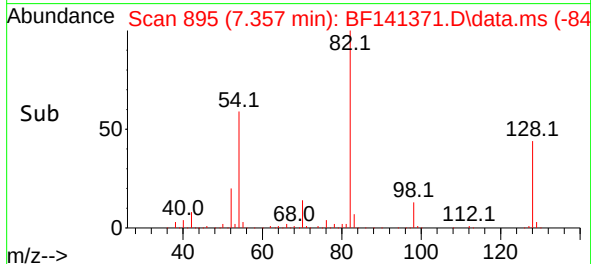
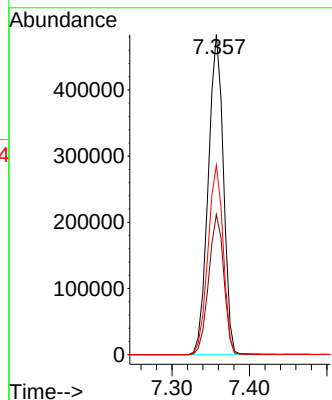
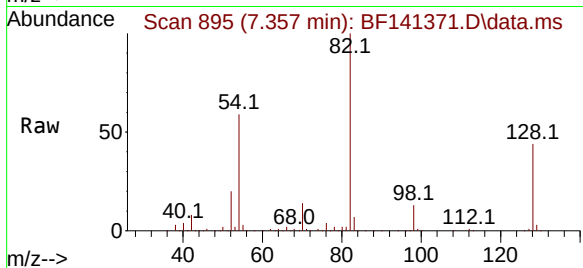




#23
Nitrobenzene-d5
Concen: 107.231 ng
RT: 7.357 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF141371.D
Acq: 03 Feb 2025 15:52

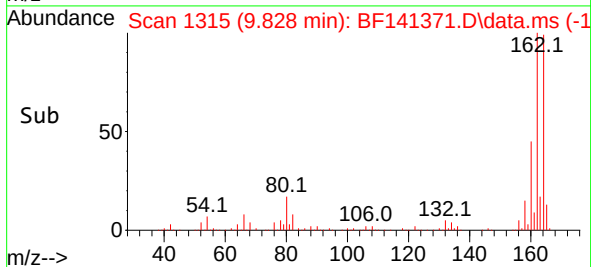
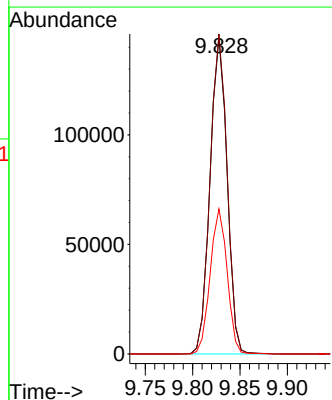
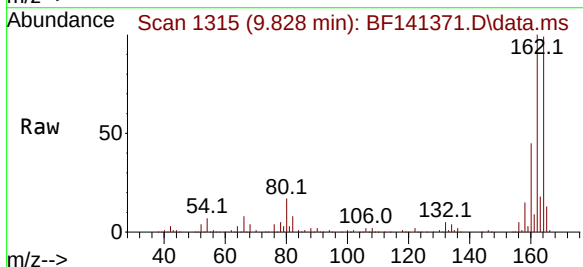
Instrument :
BNA_F
ClientSampleId :
357

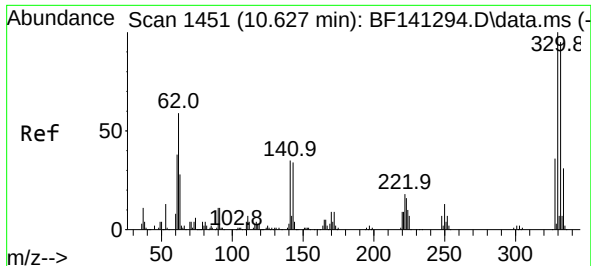
Tgt Ion: 82 Resp: 658572
Ion Ratio Lower Upper
82 100
128 43.8 35.7 53.5
54 59.2 47.1 70.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141371.D
Acq: 03 Feb 2025 15:52

Tgt Ion:164 Resp: 180429
Ion Ratio Lower Upper
164 100
162 101.3 80.6 121.0
160 45.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 181.089 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF141371.D

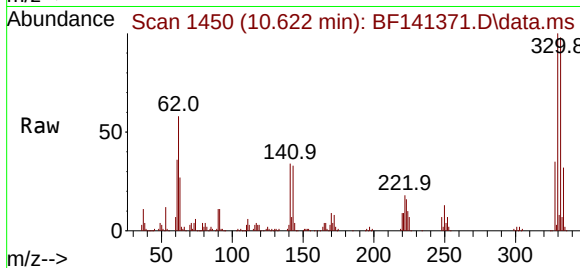
Acq: 03 Feb 2025 15:52

Instrument :

BNA_F

ClientSampleId :

357



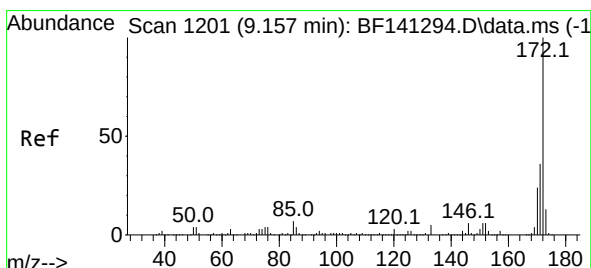
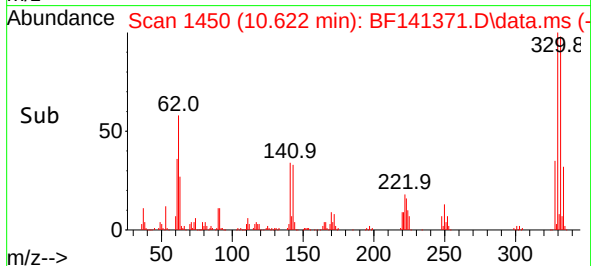
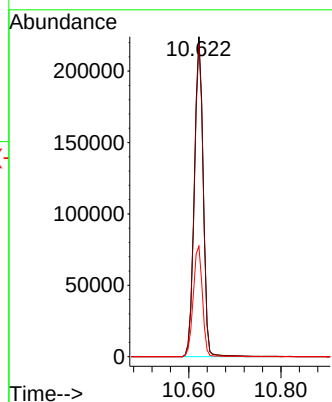
Tgt Ion:330 Resp: 299543

Ion Ratio Lower Upper

330 100

332 97.3 76.1 114.1

141 35.5 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 106.990 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF141371.D

Acq: 03 Feb 2025 15:52

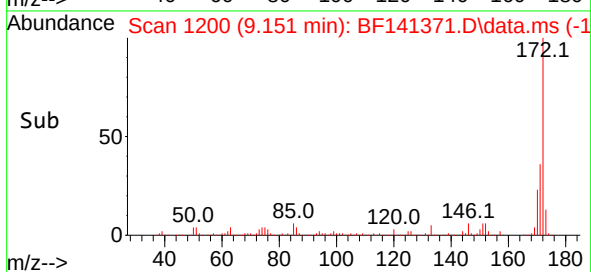
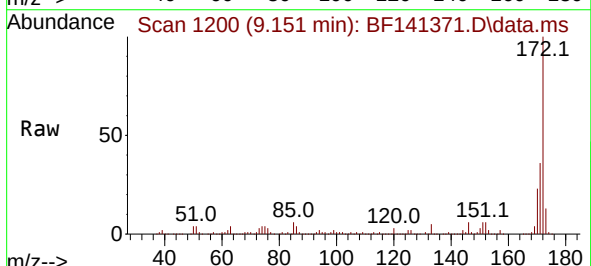
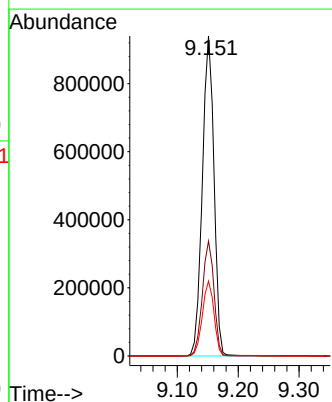
Tgt Ion:172 Resp: 1254168

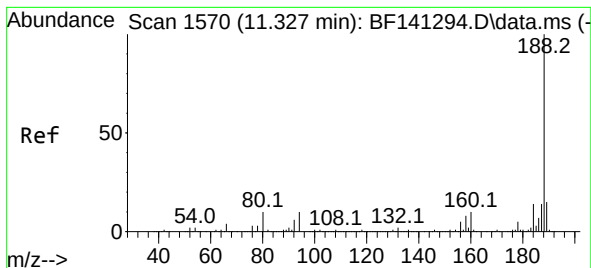
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.4 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141371.D

Acq: 03 Feb 2025 15:52

Instrument :

BNA_F

ClientSampleId :

357

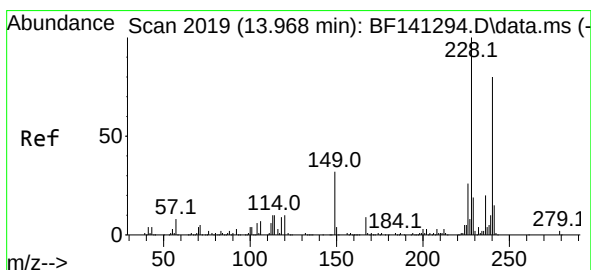
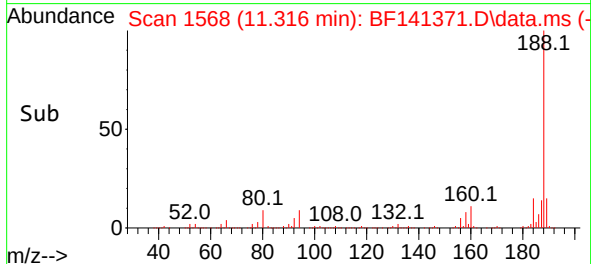
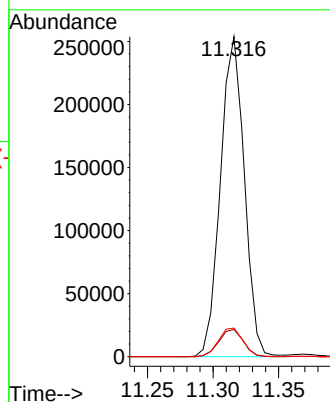
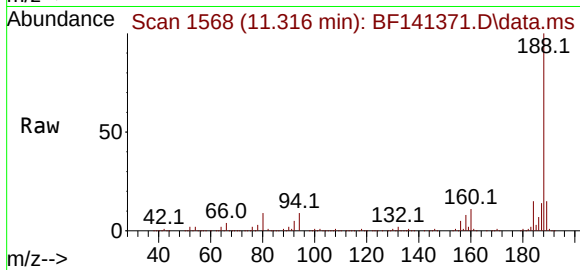
Tgt Ion:188 Resp: 320910

Ion Ratio Lower Upper

188 100

94 8.5 7.8 11.6

80 9.0 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.018 min

Lab File: BF141371.D

Acq: 03 Feb 2025 15:52

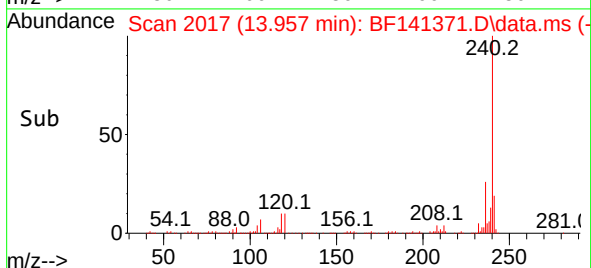
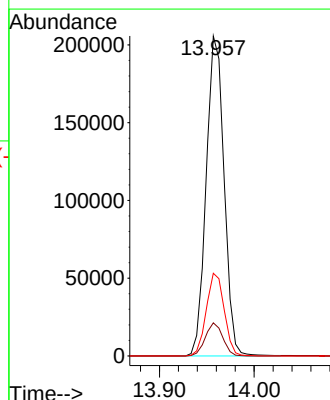
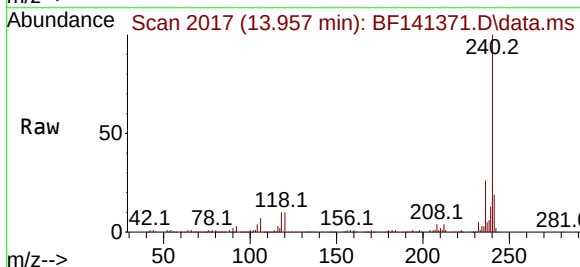
Tgt Ion:240 Resp: 270158

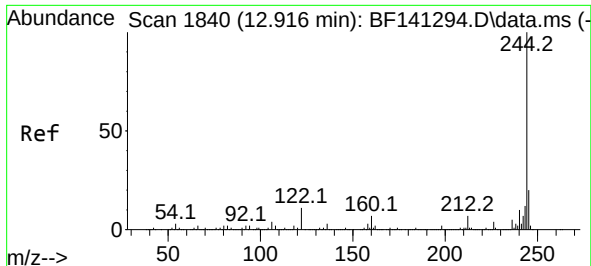
Ion Ratio Lower Upper

240 100

120 10.3 10.0 15.0

236 25.8 19.7 29.5

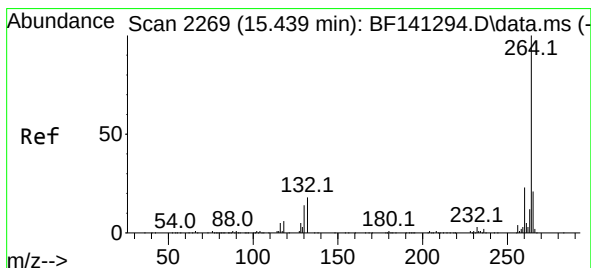
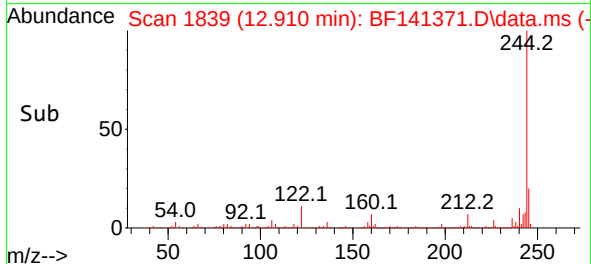
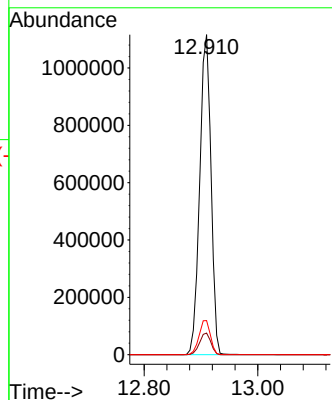
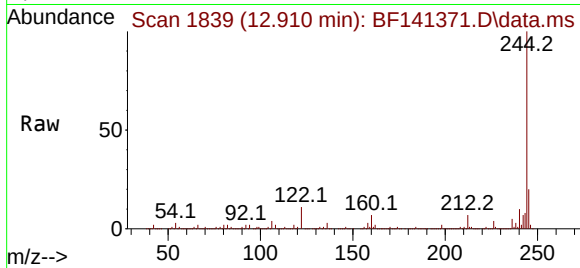




#79
 Terphenyl-d14
 Concen: 88.027 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141371.D
 Acq: 03 Feb 2025 15:52

Instrument :
 BNA_F
 ClientSampleId :
 357

Tgt Ion:244 Resp: 1542054
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.7 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: BF141371.D
 Acq: 03 Feb 2025 15:52

Tgt Ion:264 Resp: 217501
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 21.3 16.7 25.1

