

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141378.D
 Acq On : 03 Feb 2025 19:31
 Operator : RC/JU
 Sample : Q1235-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-51.2-012925

Quant Time: Feb 04 00:18:31 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	86999	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	348940	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	188071	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	314025	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	221716	20.000	ng	#-0.02
86) Perylene-d12	15.415	264	151667	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	782942	138.160	ng	0.02
7) Phenol-d6	6.440	99	936158	129.858	ng	0.00
23) Nitrobenzene-d5	7.357	82	700542	105.835	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	285652	165.674	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1248913	102.212	ng	-0.01
79) Terphenyl-d14	12.910	244	1387124	96.484	ng	0.00

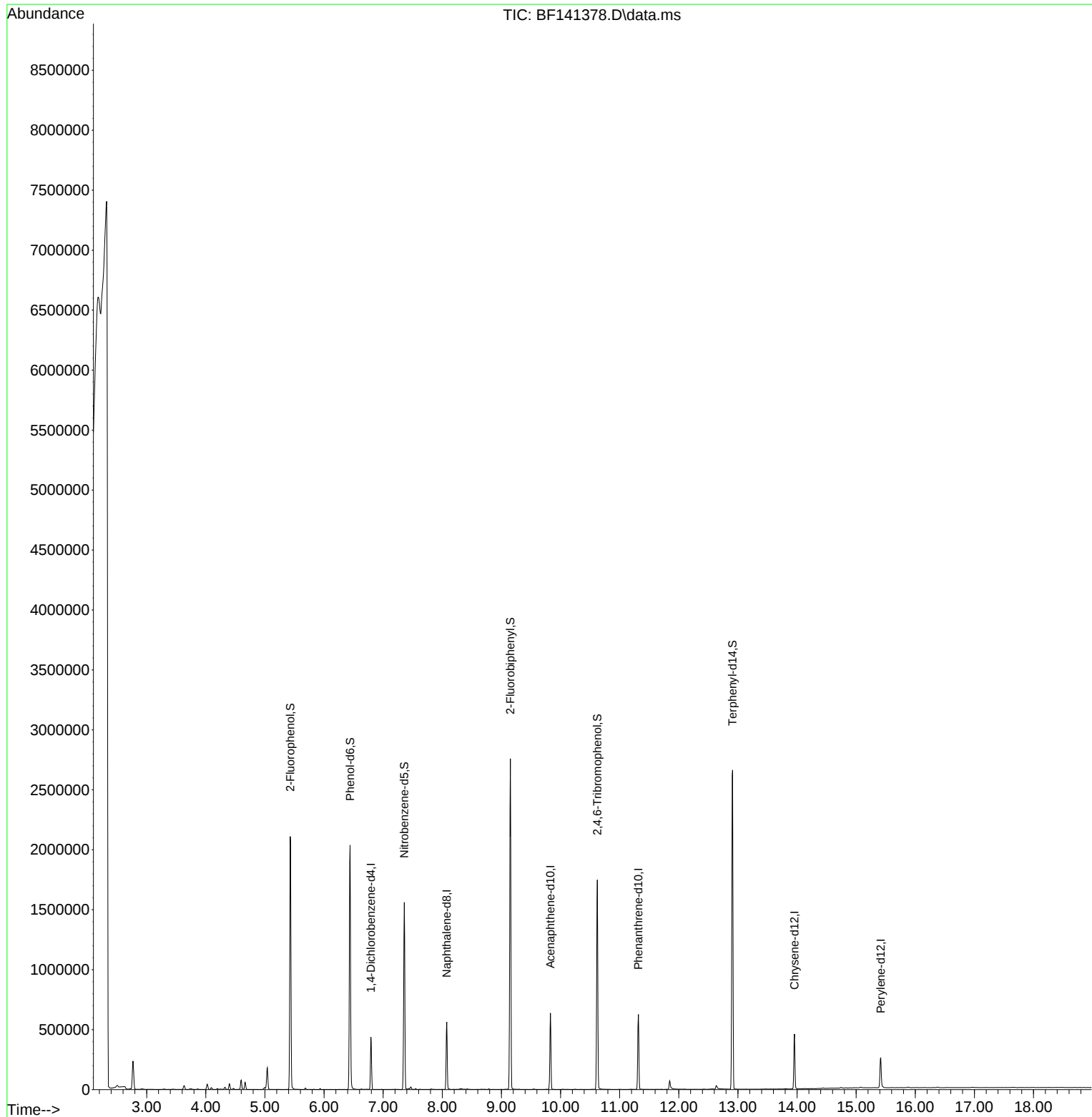
Target Compounds	Qvalue

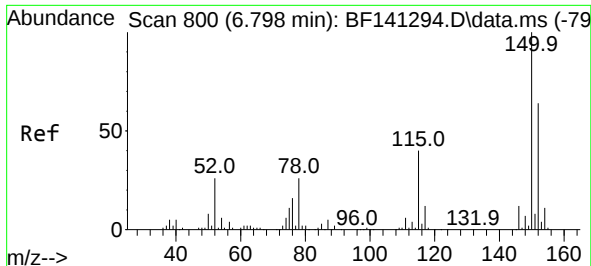
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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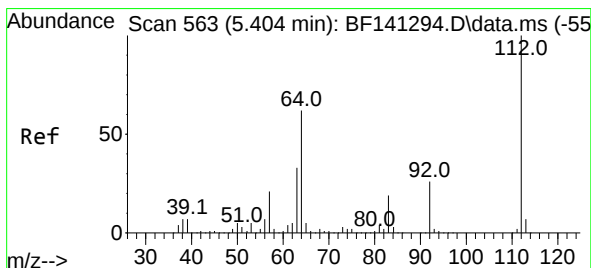
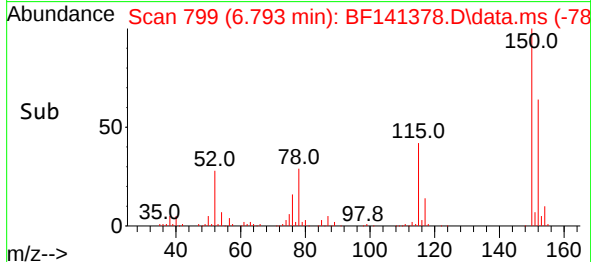
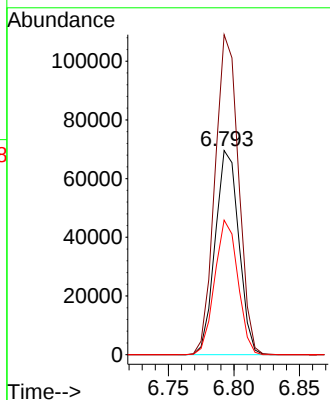
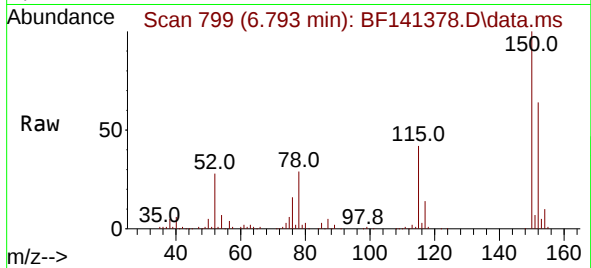




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF141378.D
Acq: 03 Feb 2025 19:31

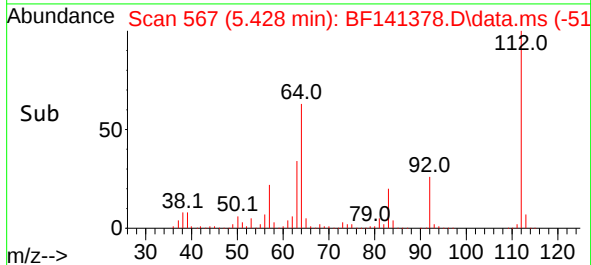
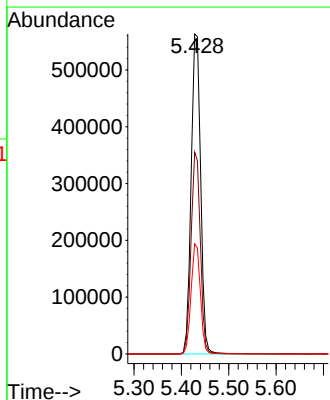
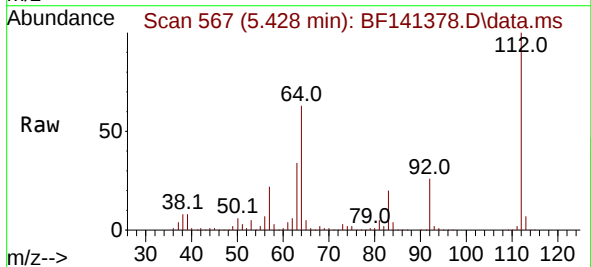
Instrument :
BNA_F
ClientSampleId :
JPP-51.2-012925

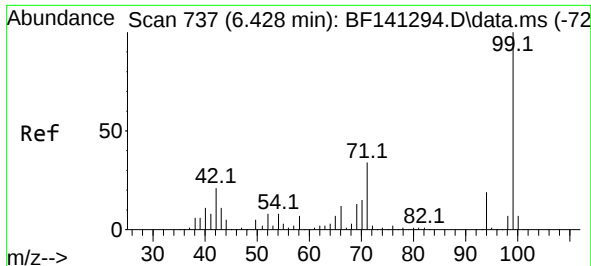
Tgt Ion:152 Resp: 86999
Ion Ratio Lower Upper
152 100
150 156.8 125.9 188.9
115 65.9 49.7 74.5



#5
2-Fluorophenol
Concen: 138.160 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF141378.D
Acq: 03 Feb 2025 19:31

Tgt Ion:112 Resp: 782942
Ion Ratio Lower Upper
112 100
64 63.1 49.8 74.8
63 34.4 26.1 39.1

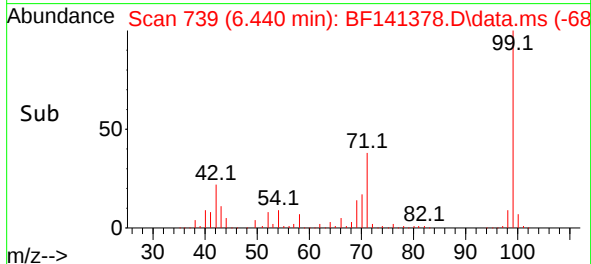
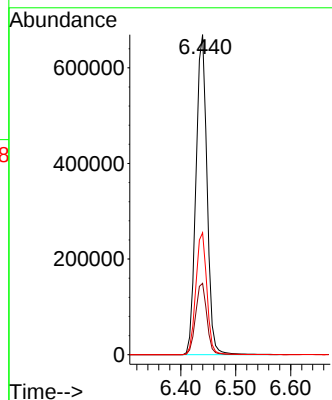
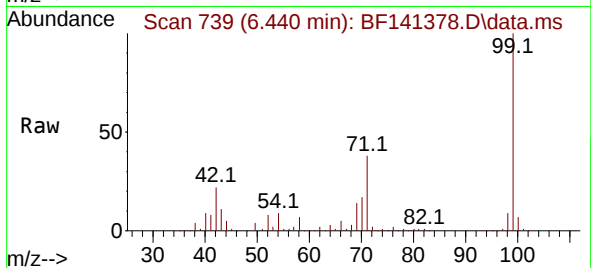




#7
Phenol-d6
Concen: 129.858 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141378.D
Acq: 03 Feb 2025 19:31

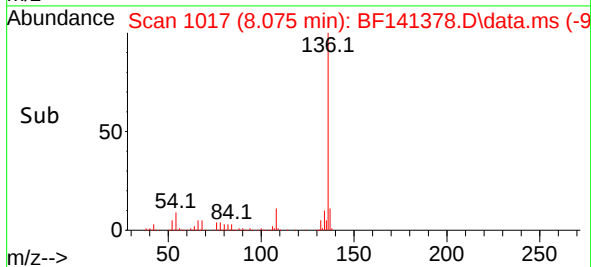
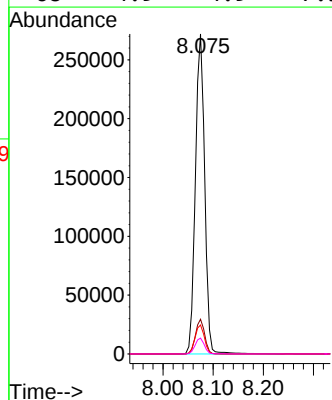
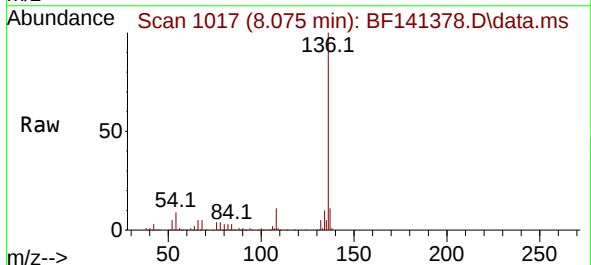
Instrument :
BNA_F
ClientSampleId :
JPP-51.2-012925

Tgt Ion: 99 Resp: 936158
Ion Ratio Lower Upper
99 100
42 22.3 17.1 25.7
71 38.1 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: BF141378.D
Acq: 03 Feb 2025 19:31

Tgt Ion: 136 Resp: 348940
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.1 7.8 11.8
68 4.9 4.9 7.3

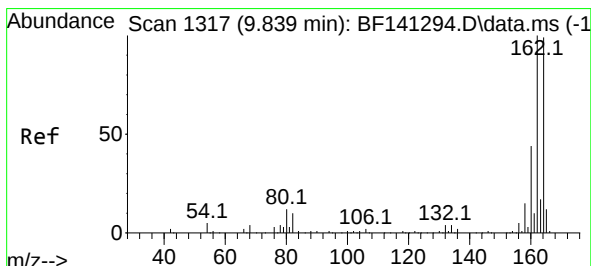
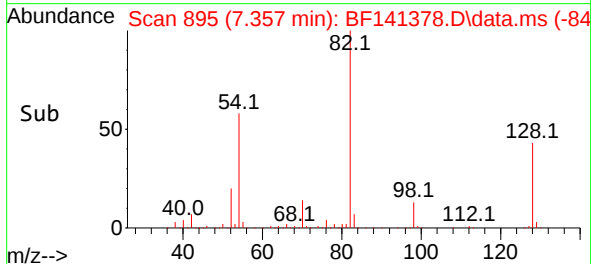
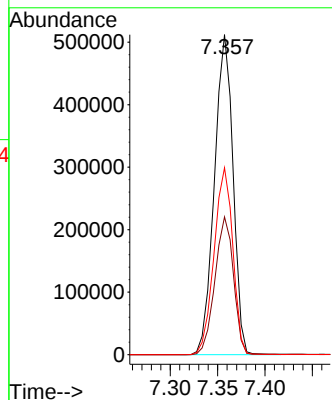
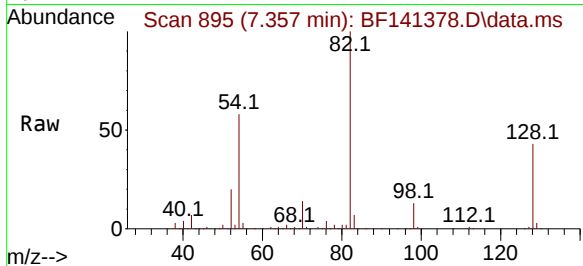




#23
Nitrobenzene-d5
Concen: 105.835 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF141378.D
Acq: 03 Feb 2025 19:31

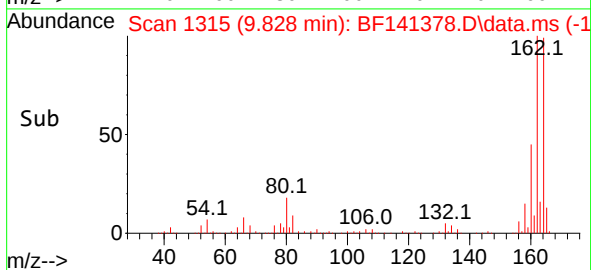
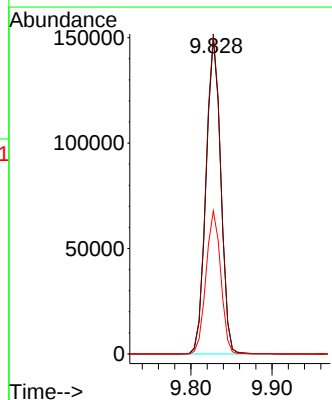
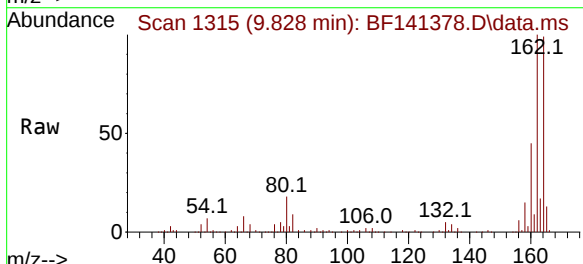
Instrument :
BNA_F
ClientSampleId :
JPP-51.2-012925

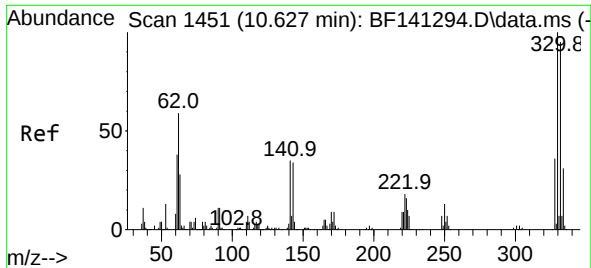
Tgt Ion: 82 Resp: 700542
Ion Ratio Lower Upper
82 100
128 43.1 35.7 53.5
54 58.4 47.1 70.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141378.D
Acq: 03 Feb 2025 19:31

Tgt Ion:164 Resp: 188071
Ion Ratio Lower Upper
164 100
162 101.5 80.6 121.0
160 45.4 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 165.674 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF141378.D

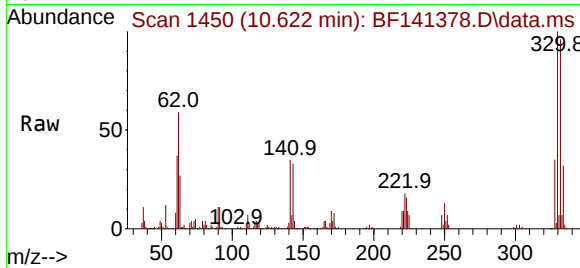
Acq: 03 Feb 2025 19:31

Instrument :

BNA_F

ClientSampleId :

JPP-51.2-012925



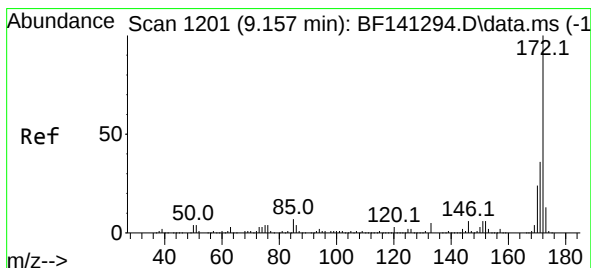
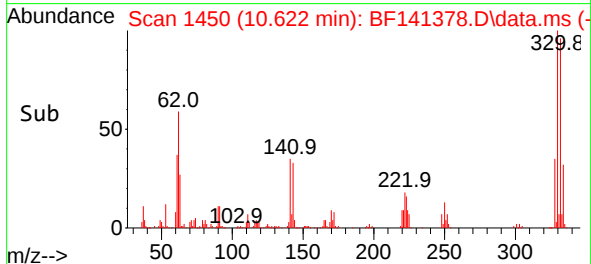
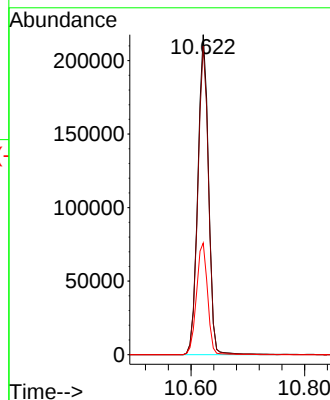
Tgt Ion:330 Resp: 285652

Ion Ratio Lower Upper

330 100

332 96.5 76.1 114.1

141 36.2 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 102.212 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF141378.D

Acq: 03 Feb 2025 19:31

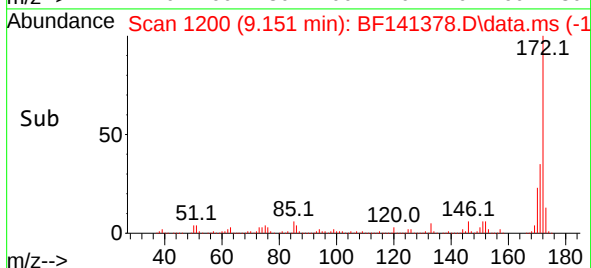
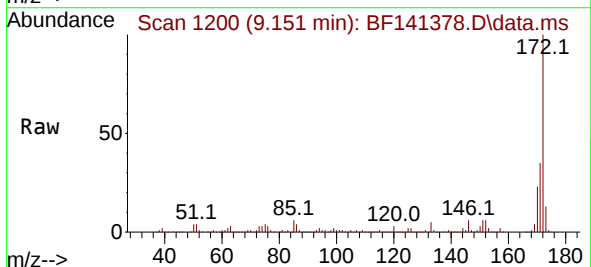
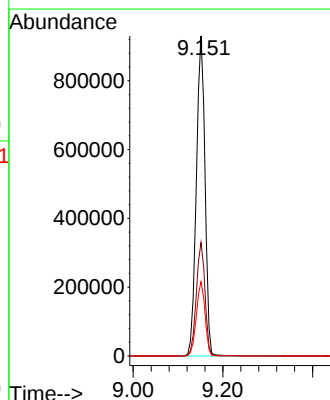
Tgt Ion:172 Resp: 1248913

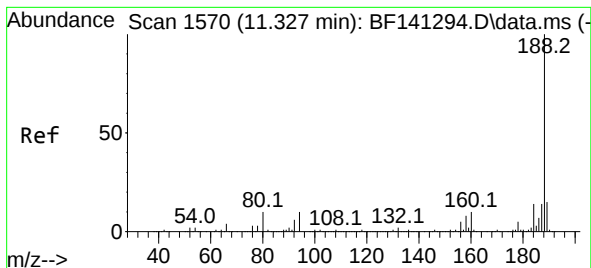
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.2 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: BF141378.D

Acq: 03 Feb 2025 19:31

Instrument :

BNA_F

ClientSampleId :

JPP-51.2-012925

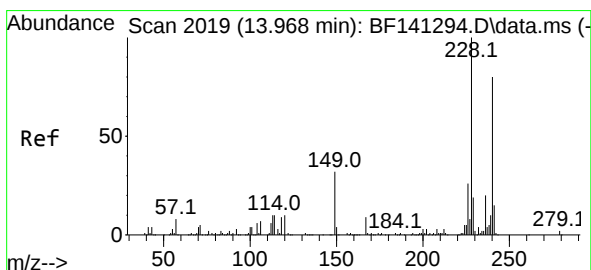
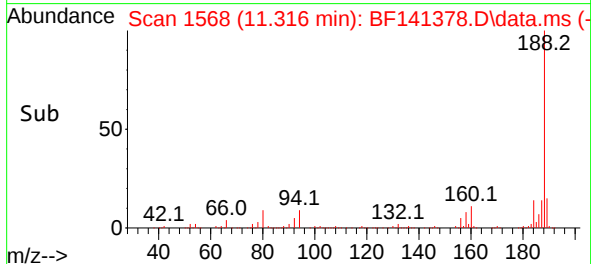
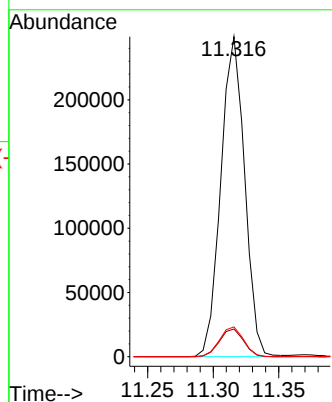
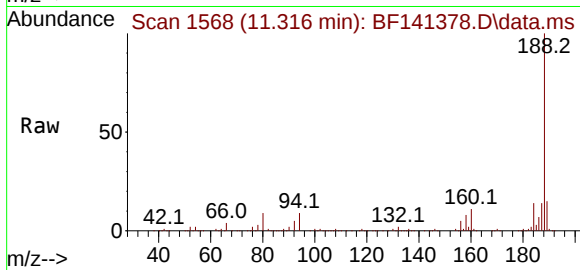
Tgt Ion:188 Resp: 314025

Ion Ratio Lower Upper

188 100

94 8.7 7.8 11.6

80 9.3 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: BF141378.D

Acq: 03 Feb 2025 19:31

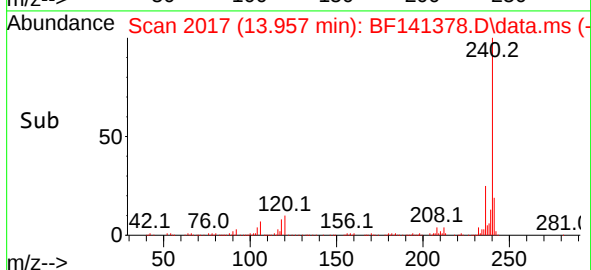
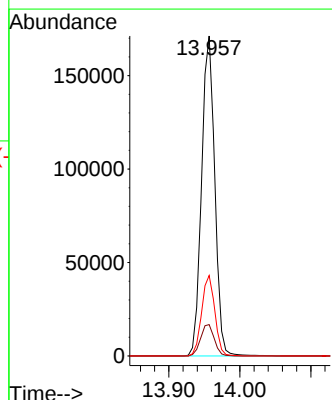
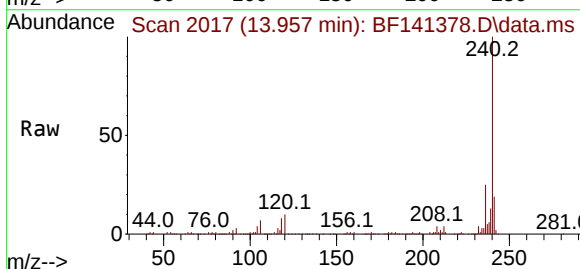
Tgt Ion:240 Resp: 221716

Ion Ratio Lower Upper

240 100

120 9.8 10.0 15.0#

236 25.1 19.7 29.5

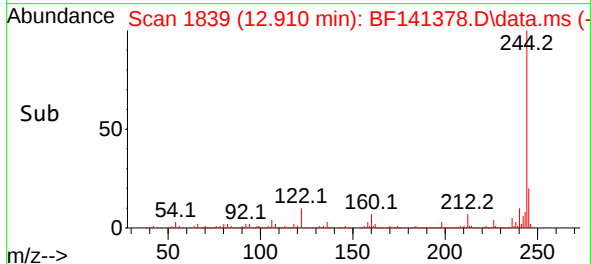
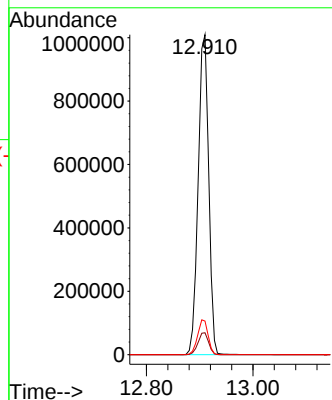
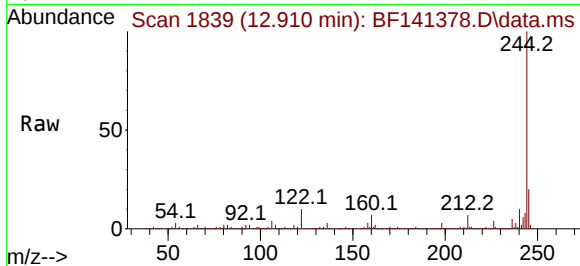




#79
 Terphenyl-d14
 Concen: 96.484 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141378.D
 Acq: 03 Feb 2025 19:31

Instrument :
 BNA_F
 ClientSampleId :
 JPP-51.2-012925

Tgt Ion:244 Resp: 1387124
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2265
 Delta R.T. -0.024 min
 Lab File: BF141378.D
 Acq: 03 Feb 2025 19:31

Tgt Ion:264 Resp: 151667
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.7 16.7 25.1

