

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141381.D
 Acq On : 03 Feb 2025 20:51
 Operator : RC/JU
 Sample : Q1232-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-46.1-012925

Quant Time: Feb 04 00:19:20 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	86900	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	344884	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	192037	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	317485	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	222096	20.000	ng	-0.02
86) Perylene-d12	15.415	264	159639	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	772200	136.419	ng	0.02
7) Phenol-d6	6.440	99	931469	129.355	ng	0.00
23) Nitrobenzene-d5	7.357	82	691440	105.689	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	287914	163.538	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1245472	99.825	ng	-0.01
79) Terphenyl-d14	12.910	244	1418553	98.501	ng	0.00

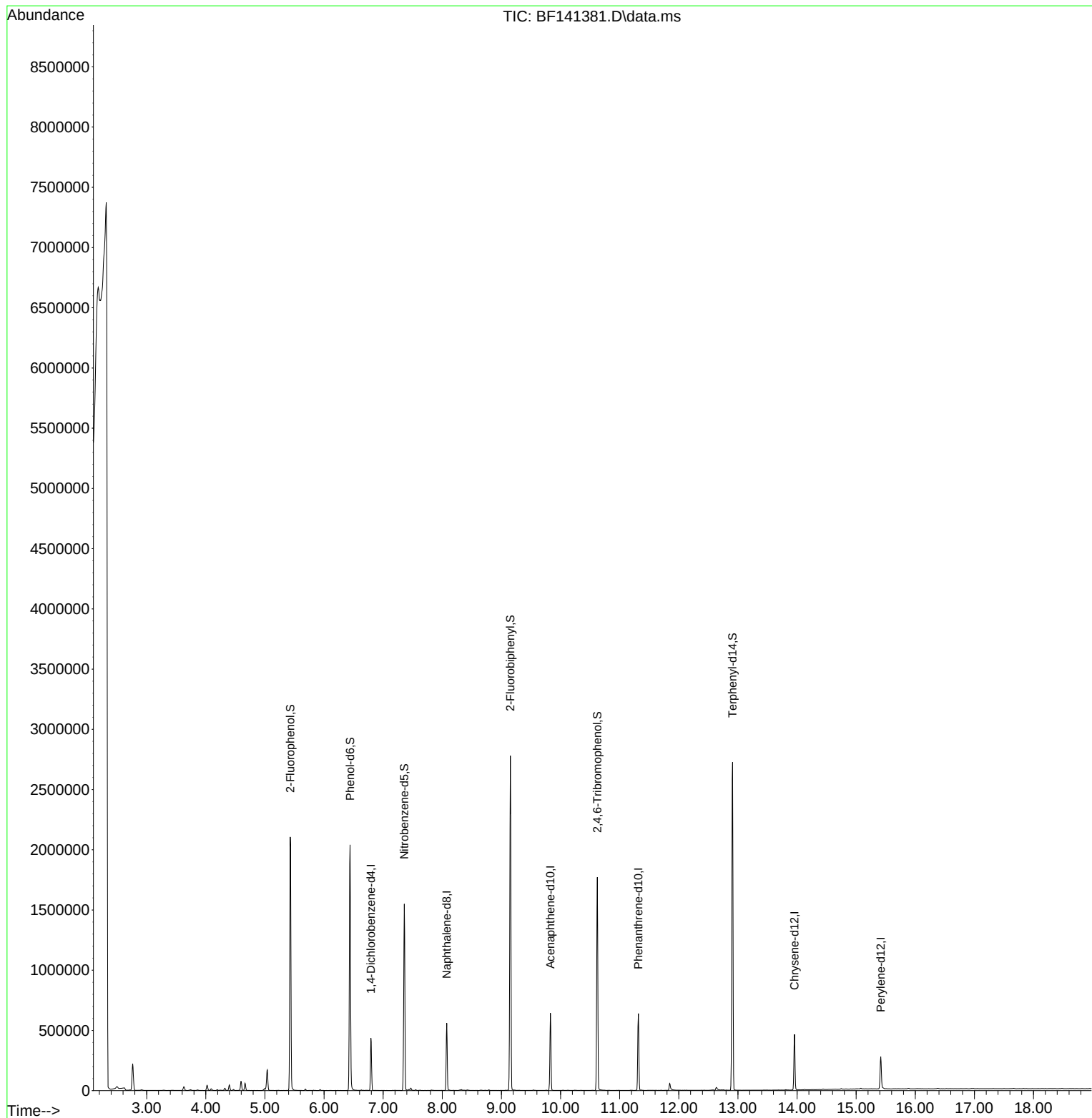
Target Compounds	Qvalue

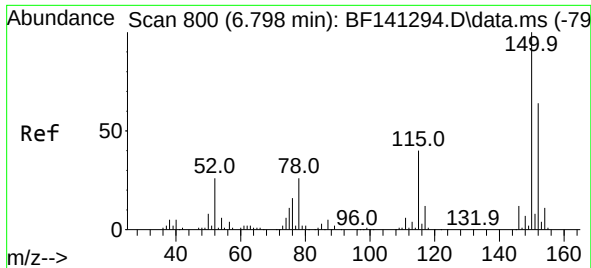
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141381.D
Acq On : 03 Feb 2025 20:51
Operator : RC/JU
Sample : Q1232-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Quant Time: Feb 04 00:19:20 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

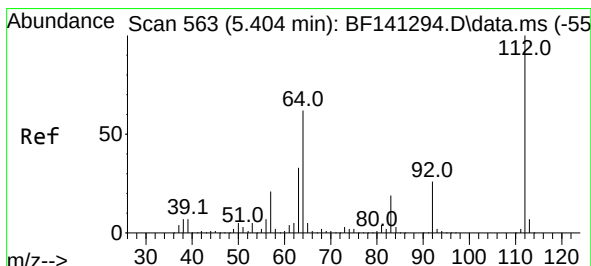
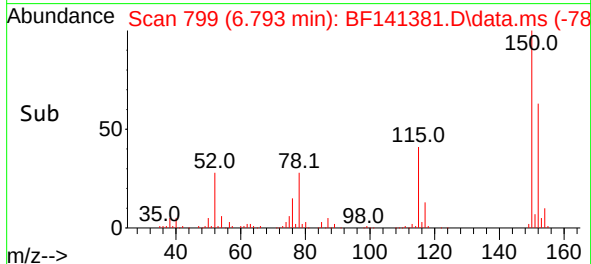
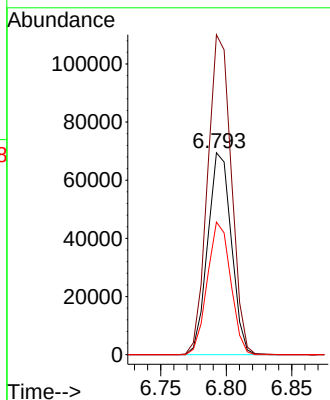
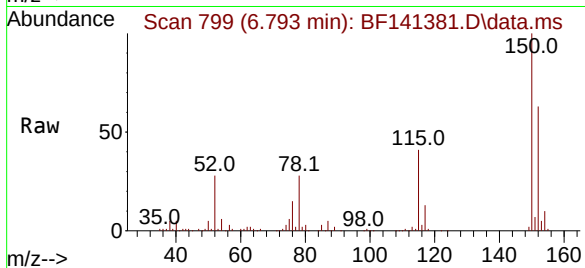




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

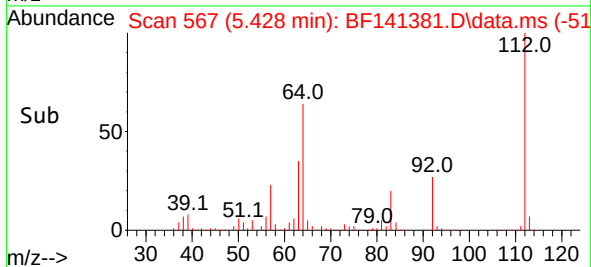
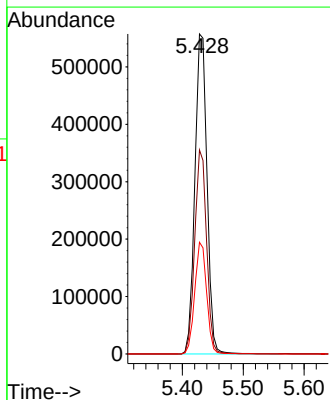
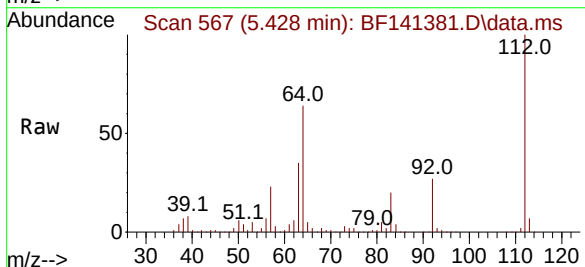
Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

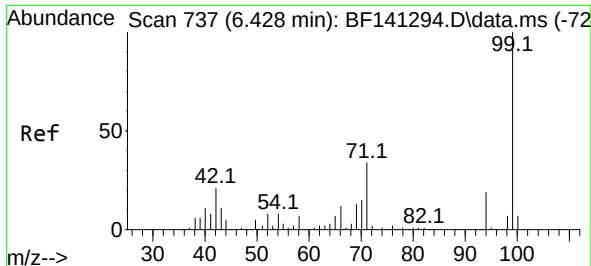
Tgt Ion:152 Resp: 86900
Ion Ratio Lower Upper
152 100
150 158.5 125.9 188.9
115 65.7 49.7 74.5



#5
2-Fluorophenol
Concen: 136.419 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Tgt Ion:112 Resp: 772200
Ion Ratio Lower Upper
112 100
64 63.8 49.8 74.8
63 34.9 26.1 39.1

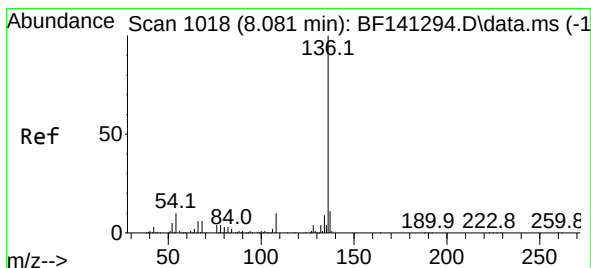
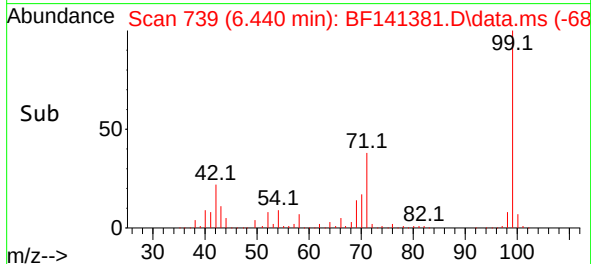
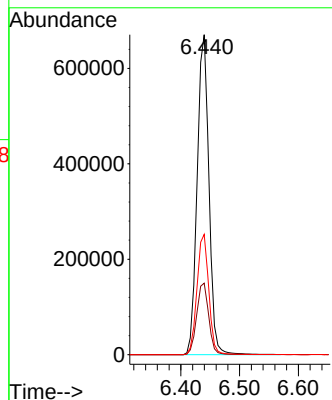
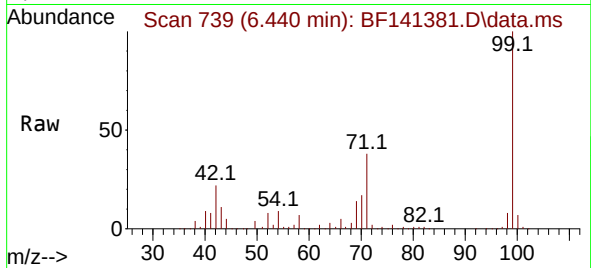




#7
Phenol-d6
Concen: 129.355 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

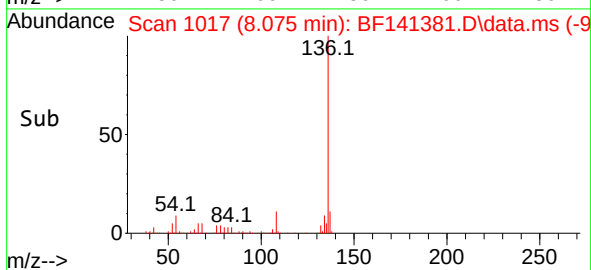
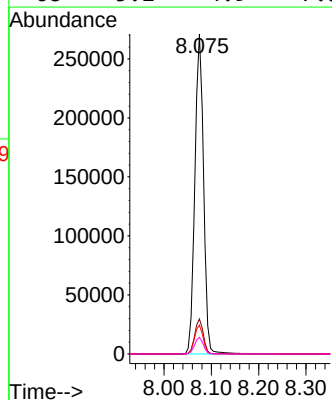
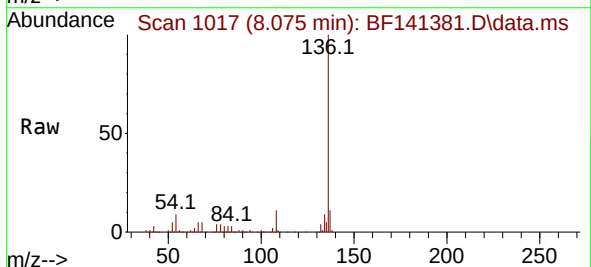
Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

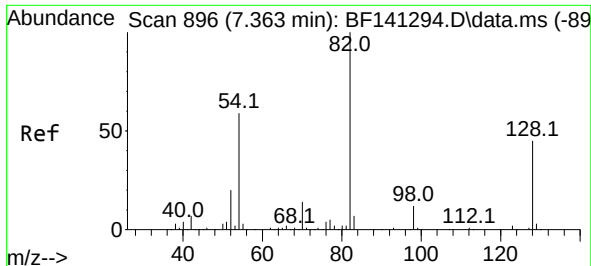
Tgt Ion: 99 Resp: 931469
Ion Ratio Lower Upper
99 100
42 22.4 17.1 25.7
71 37.6 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Tgt Ion: 136 Resp: 344884
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.0 7.8 11.8
68 5.2 4.9 7.3

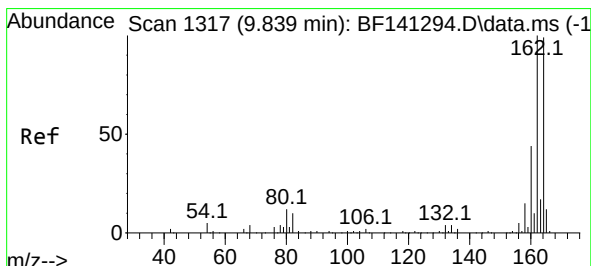
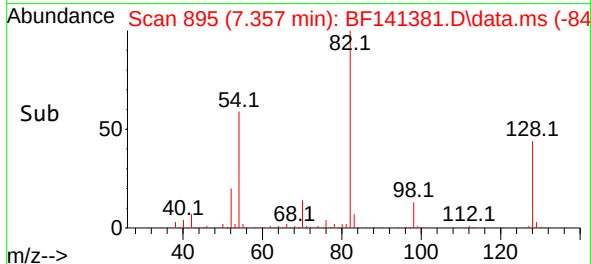
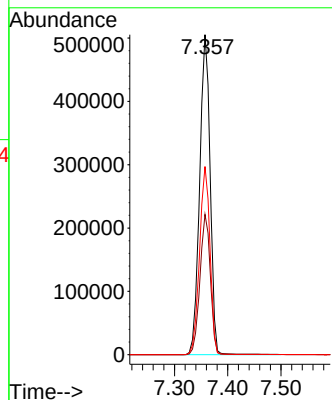
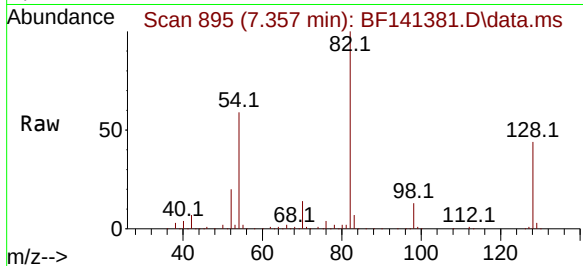




#23
Nitrobenzene-d5
Concen: 105.689 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

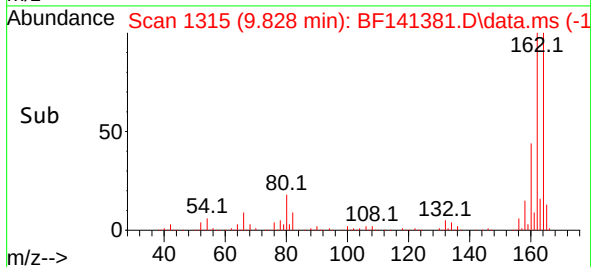
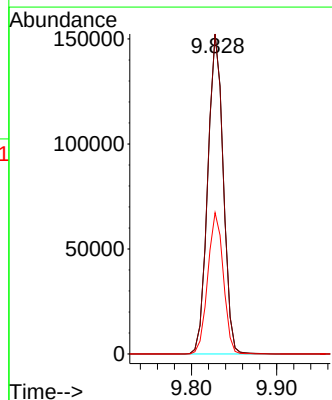
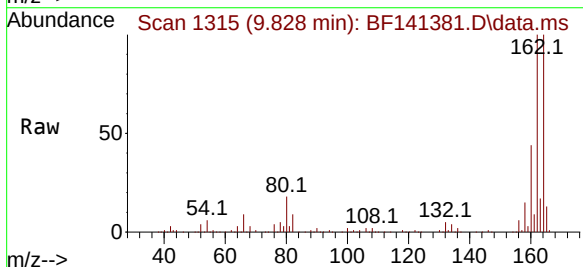
Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

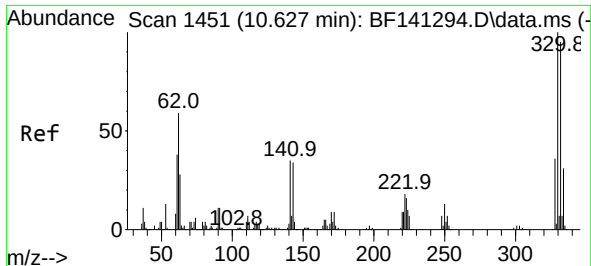
Tgt Ion: 82 Resp: 691440
Ion Ratio Lower Upper
82 100
128 43.9 35.7 53.5
54 58.8 47.1 70.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Tgt Ion:164 Resp: 192037
Ion Ratio Lower Upper
164 100
162 100.2 80.6 121.0
160 44.2 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 163.538 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF141381.D

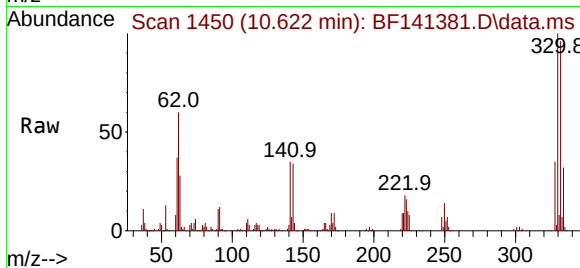
Acq: 03 Feb 2025 20:51

Instrument :

BNA_F

ClientSampleId :

JPP-46.1-012925



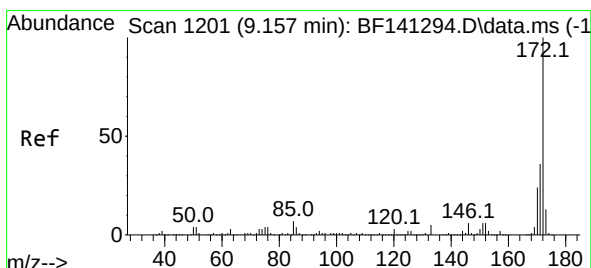
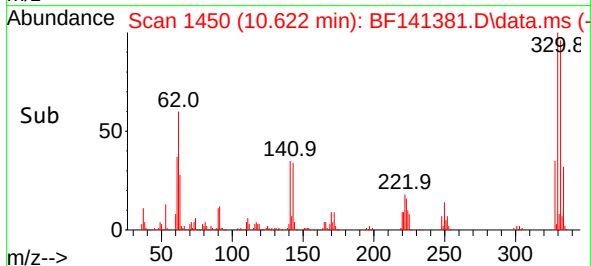
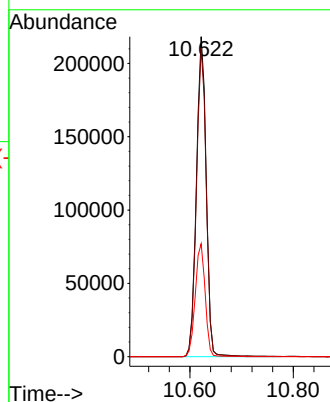
Tgt Ion:330 Resp: 287914

Ion Ratio Lower Upper

330 100

332 95.8 76.1 114.1

141 35.7 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 99.825 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF141381.D

Acq: 03 Feb 2025 20:51

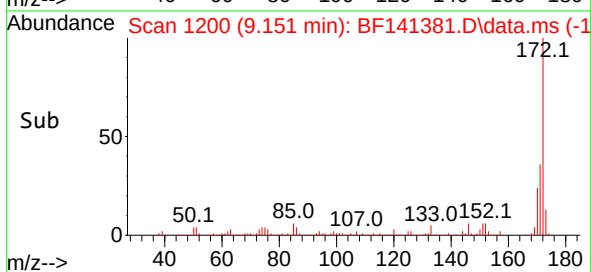
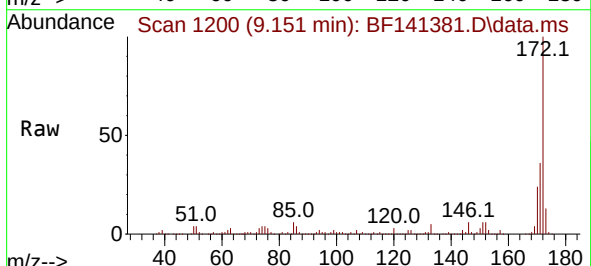
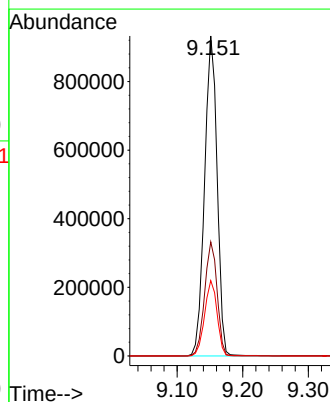
Tgt Ion:172 Resp: 1245472

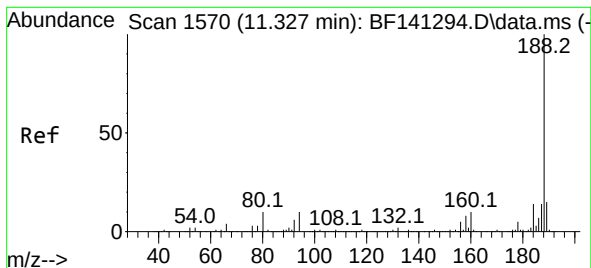
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.6 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: BF141381.D

Acq: 03 Feb 2025 20:51

Instrument :

BNA_F

ClientSampleId :

JPP-46.1-012925

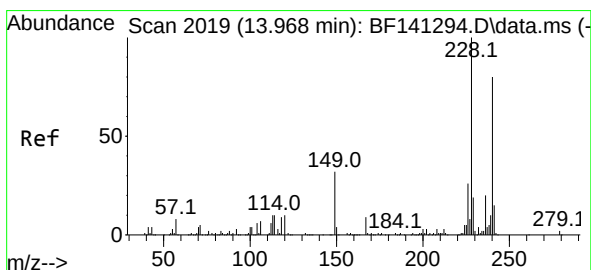
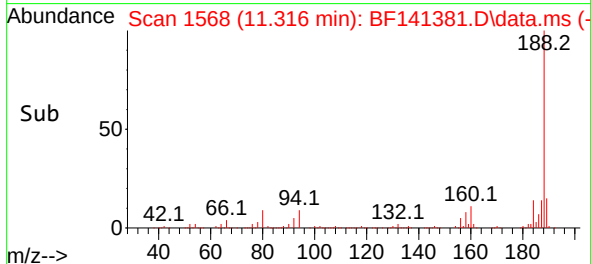
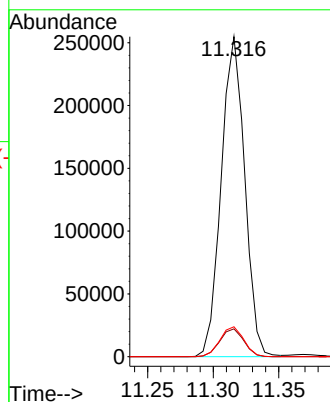
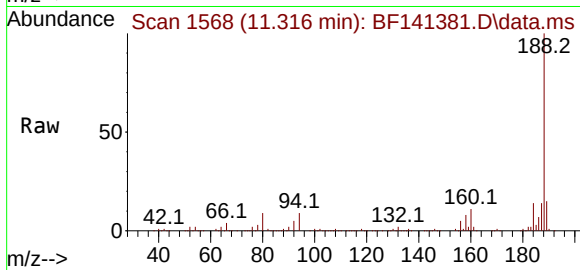
Tgt Ion:188 Resp: 317485

Ion Ratio Lower Upper

188 100

94 8.7 7.8 11.6

80 9.4 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: BF141381.D

Acq: 03 Feb 2025 20:51

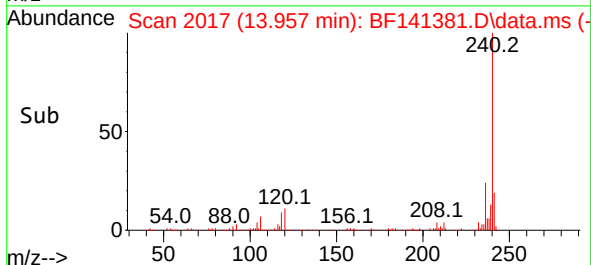
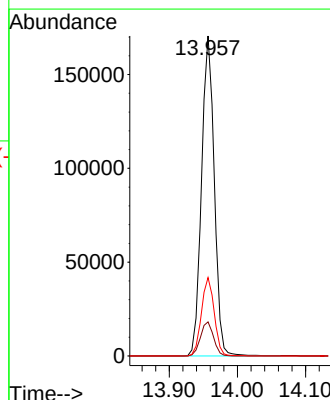
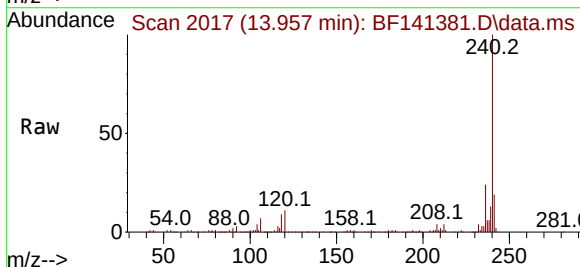
Tgt Ion:240 Resp: 222096

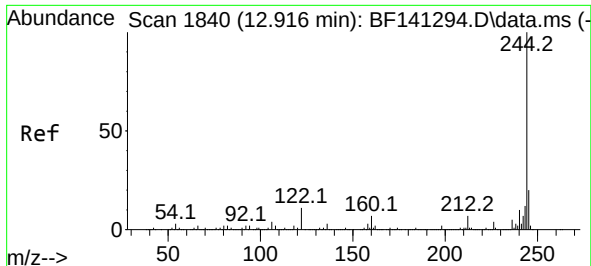
Ion Ratio Lower Upper

240 100

120 10.6 10.0 15.0

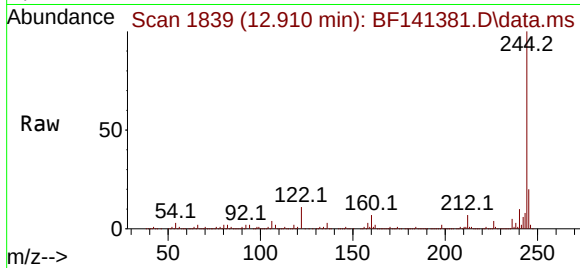
236 24.5 19.7 29.5



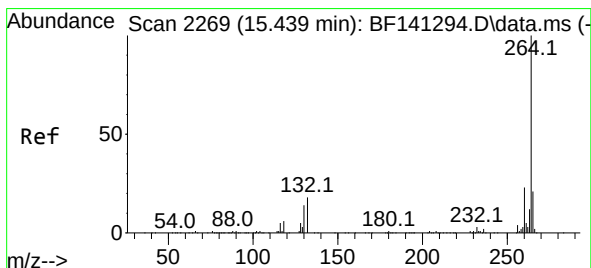
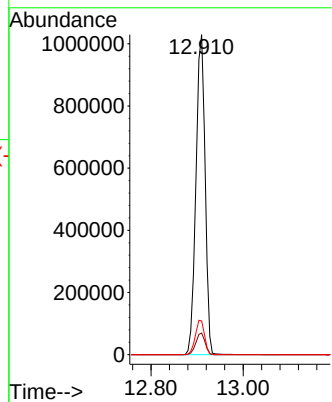
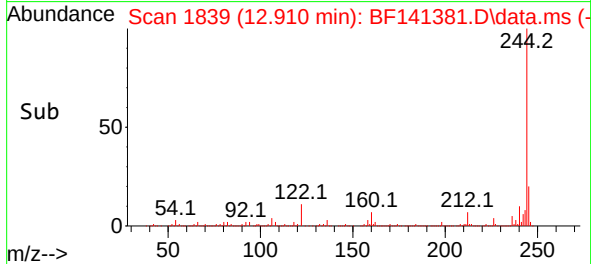


#79
 Terphenyl-d14
 Concen: 98.501 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141381.D
 Acq: 03 Feb 2025 20:51

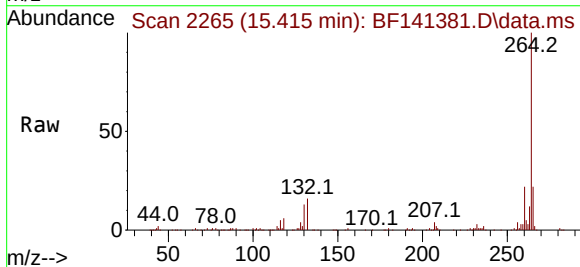
Instrument :
 BNA_F
 ClientSampleId :
 JPP-46.1-012925



Tgt Ion:244 Resp: 1418553
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.6 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: BF141381.D
 Acq: 03 Feb 2025 20:51



Tgt Ion:264 Resp: 159639
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.6 27.8
 265 21.6 16.7 25.1

