

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141417.D
 Acq On : 04 Feb 2025 19:07
 Operator : RC/JU
 Sample : Q1241-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-5.4-013025

Quant Time: Feb 05 00:33:15 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	6.787	152	87662	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	356625	20.000	ng	#-0.02
39) Acenaphthene-d10	9.822	164	198235	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	358571	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	323769	20.000	ng	#-0.02
86) Perylene-d12	15.421	264	258055	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	723850	126.766	ng	0.01
7) Phenol-d6	6.428	99	838413	115.420	ng	-0.01
23) Nitrobenzene-d5	7.351	82	651522	96.308	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	298675	164.346	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1217841	94.559	ng	-0.02
79) Terphenyl-d14	12.904	244	1584137	75.456	ng	-0.01

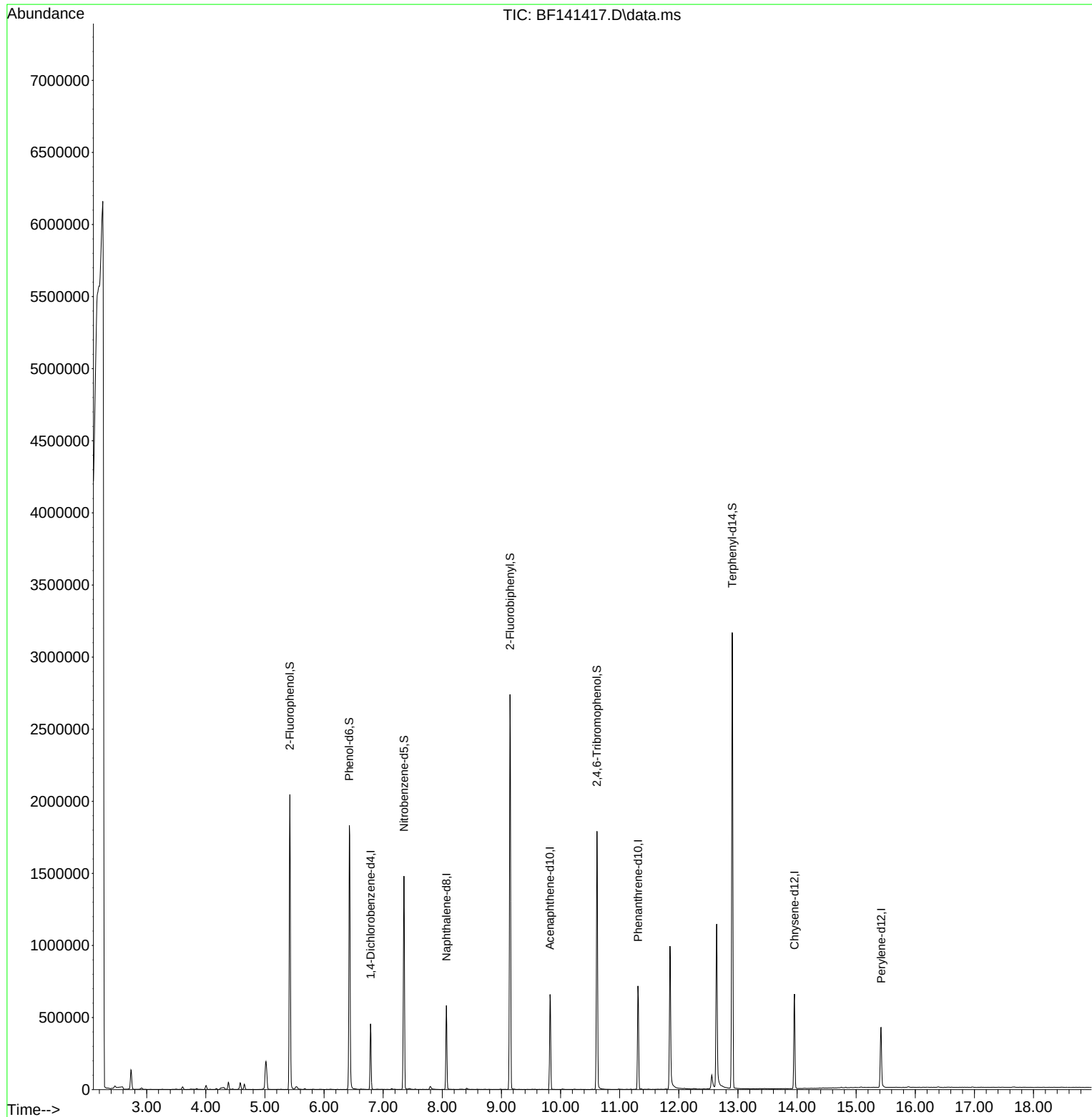
Target Compounds	Qvalue

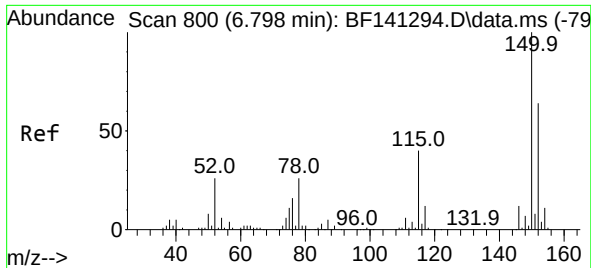
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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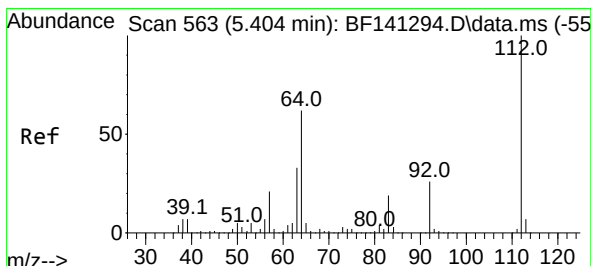
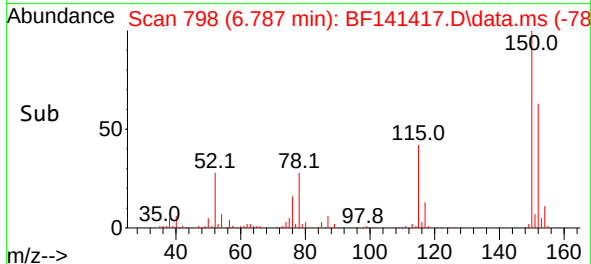
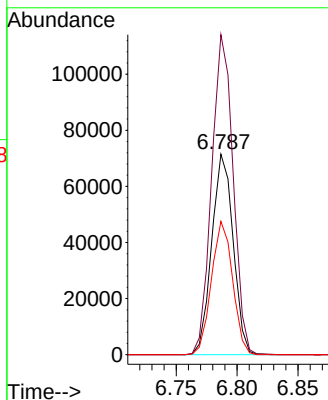
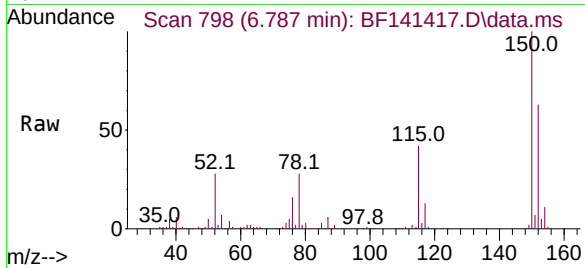




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.017 min
Lab File: BF141417.D
Acq: 04 Feb 2025 19:07

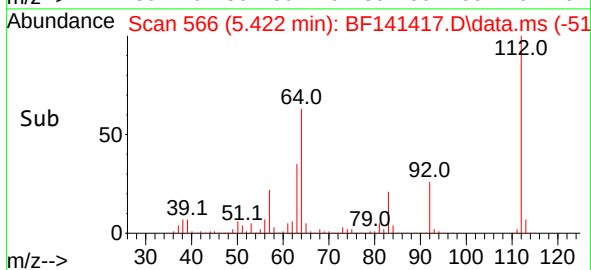
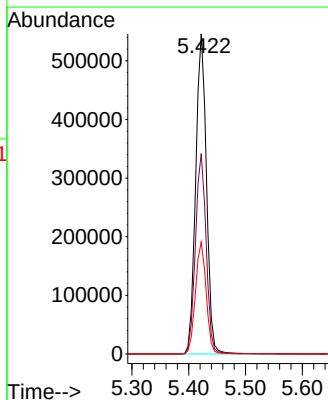
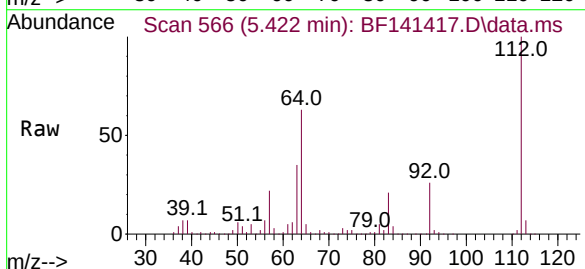
Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

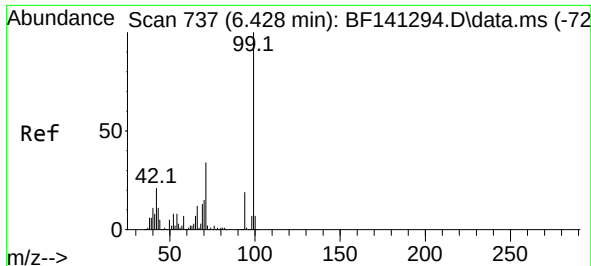
Tgt Ion:152 Resp: 87662
Ion Ratio Lower Upper
152 100
150 159.6 125.9 188.9
115 66.5 49.7 74.5



#5
2-Fluorophenol
Concen: 126.766 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141417.D
Acq: 04 Feb 2025 19:07

Tgt Ion:112 Resp: 723850
Ion Ratio Lower Upper
112 100
64 62.6 49.8 74.8
63 35.0 26.1 39.1

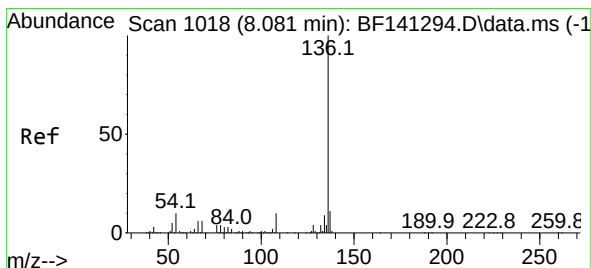
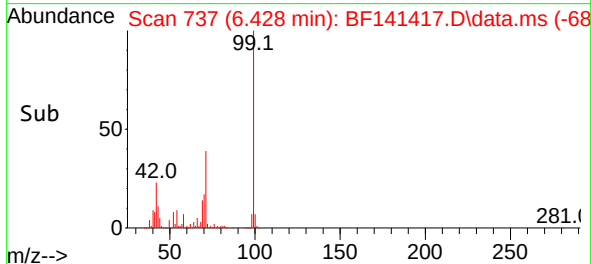
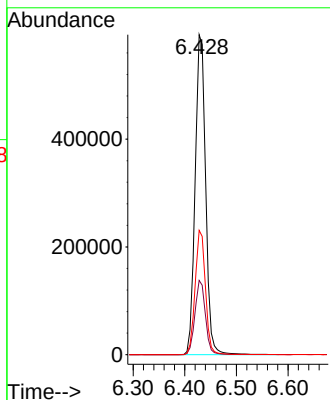
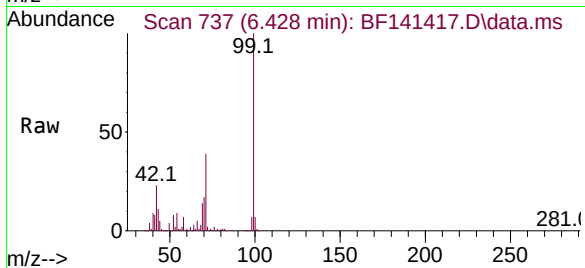




#7
Phenol-d6
Concen: 115.420 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141417.D
Acq: 04 Feb 2025 19:07

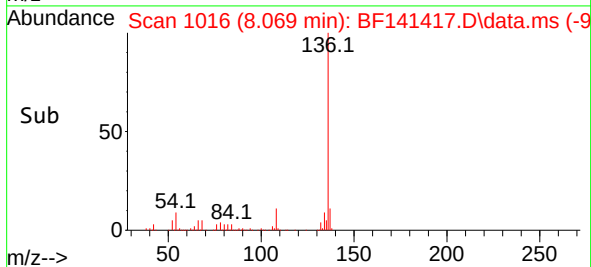
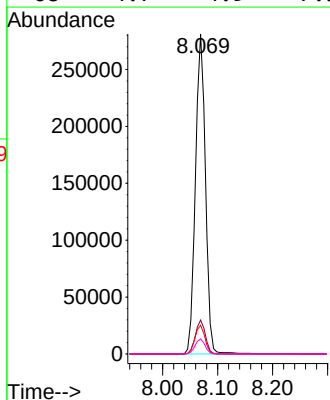
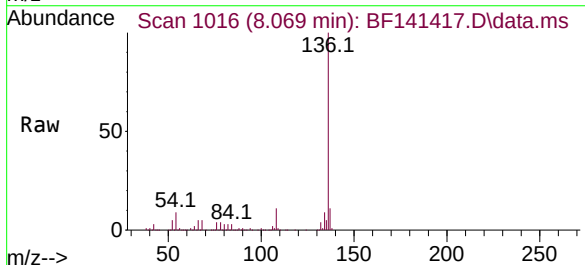
Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

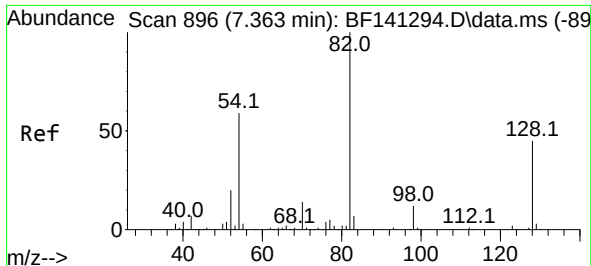
Tgt Ion: 99 Resp: 838413
Ion Ratio Lower Upper
99 100
42 23.2 17.1 25.7
71 38.8 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141417.D
Acq: 04 Feb 2025 19:07

Tgt Ion:136 Resp: 356625
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.0 7.8 11.8
68 4.7 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 96.308 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF141417.D

Acq: 04 Feb 2025 19:07

Instrument :

BNA_F

ClientSampleId :

JPP-5.4-013025

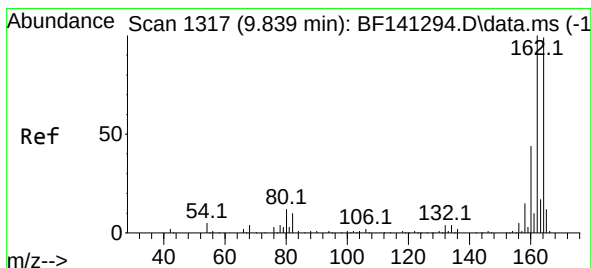
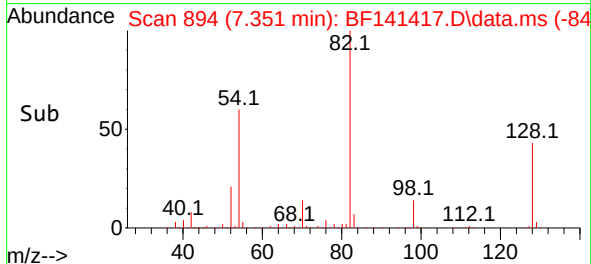
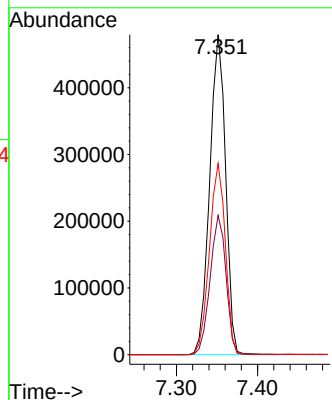
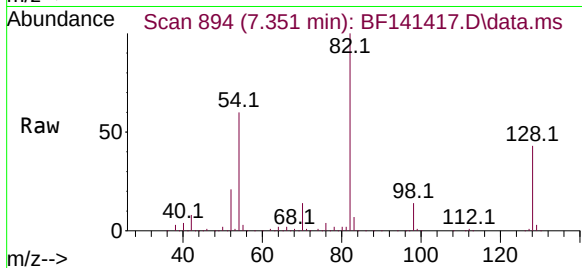
Tgt Ion: 82 Resp: 651522

Ion Ratio Lower Upper

82 100

128 43.5 35.7 53.5

54 59.8 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.018 min

Lab File: BF141417.D

Acq: 04 Feb 2025 19:07

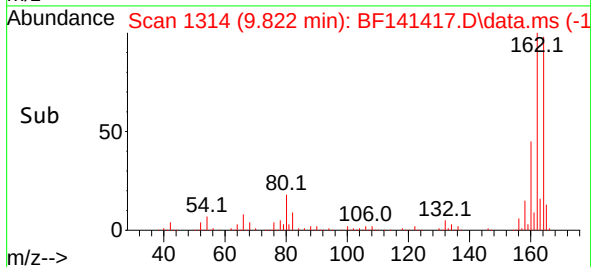
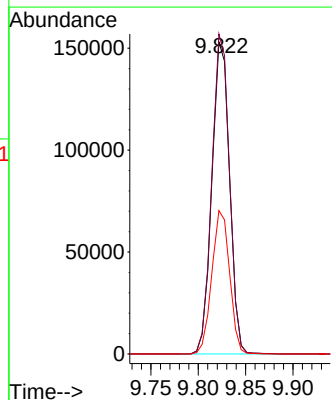
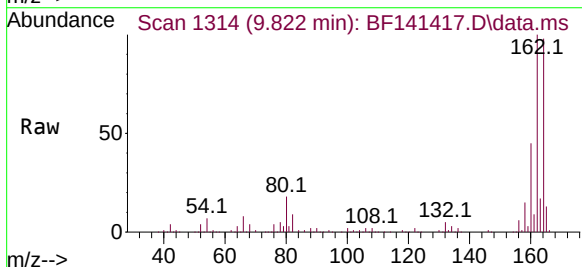
Tgt Ion:164 Resp: 198235

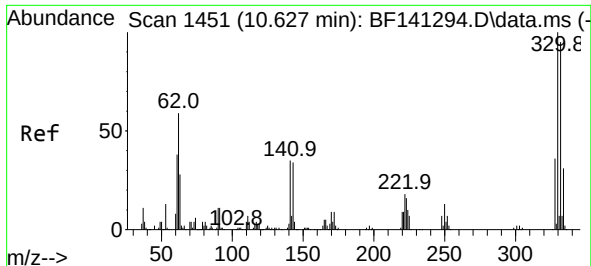
Ion Ratio Lower Upper

164 100

162 102.6 80.6 121.0

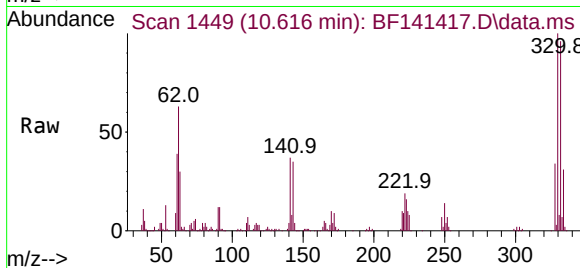
160 46.0 35.8 53.6



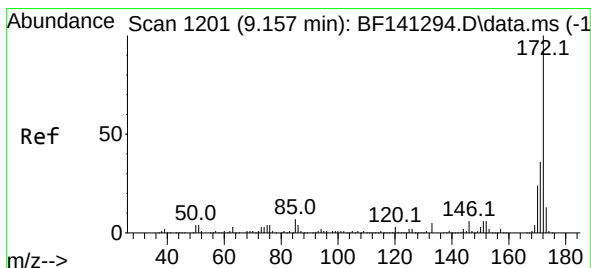
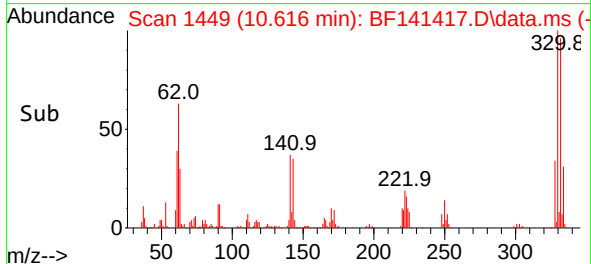
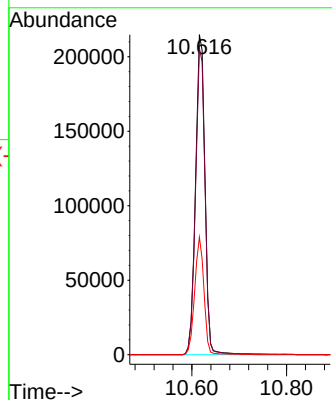


#42
2,4,6-Tribromophenol
Concen: 164.346 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF141417.D
Acq: 04 Feb 2025 19:07

Instrument :
BNA_F
ClientSampleId :
JPP-5.4-013025

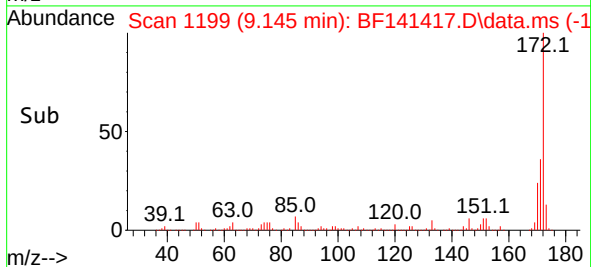
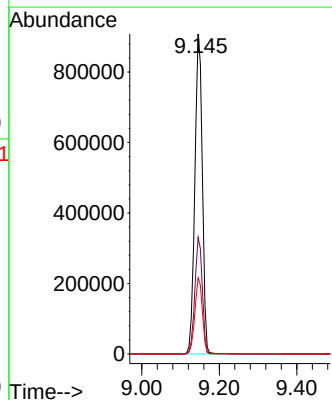
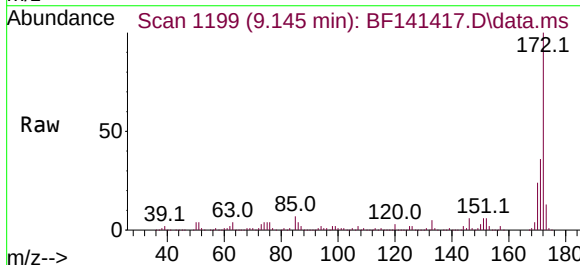


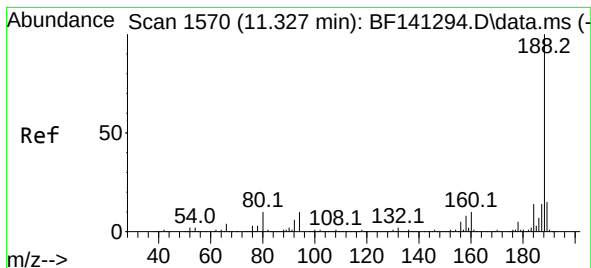
Tgt Ion: 330 Resp: 298675
Ion Ratio Lower Upper
330 100
332 96.0 76.1 114.1
141 36.1 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 94.559 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF141417.D
Acq: 04 Feb 2025 19:07

Tgt Ion: 172 Resp: 1217841
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 23.8 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141417.D

Acq: 04 Feb 2025 19:07

Instrument :

BNA_F

ClientSampleId :

JPP-5.4-013025

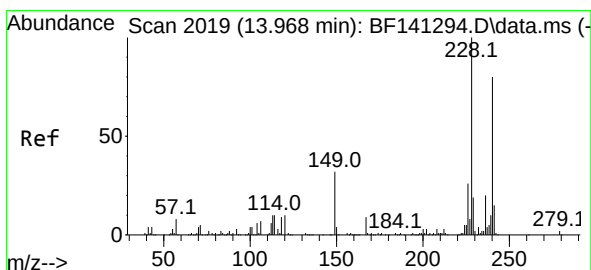
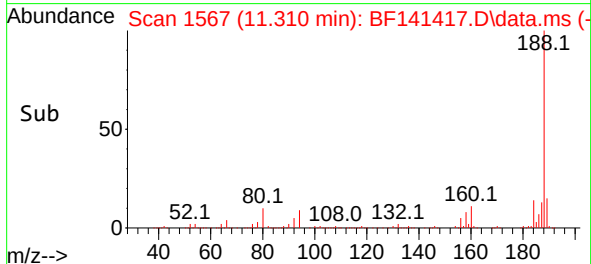
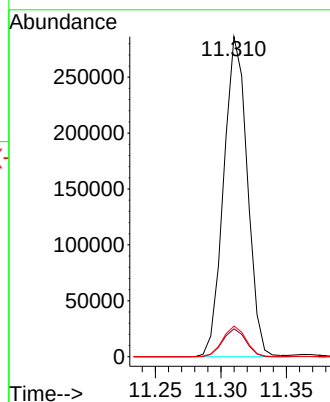
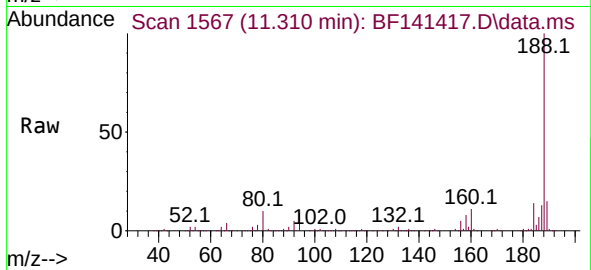
Tgt Ion:188 Resp: 358571

Ion Ratio Lower Upper

188 100

94 8.7 7.8 11.6

80 9.6 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: BF141417.D

Acq: 04 Feb 2025 19:07

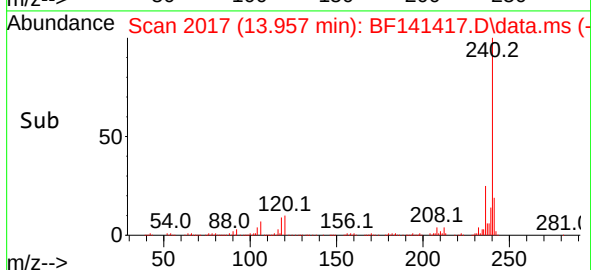
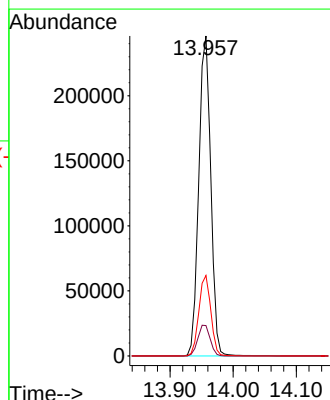
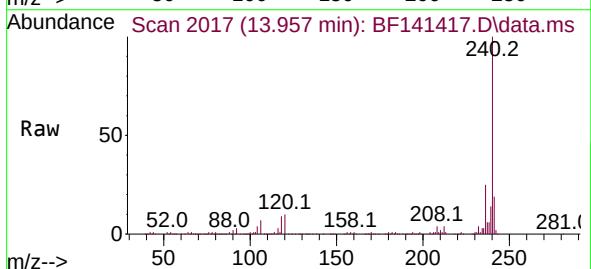
Tgt Ion:240 Resp: 323769

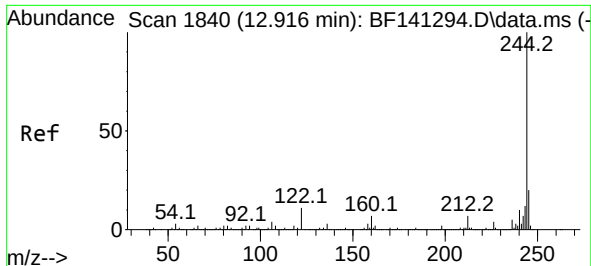
Ion Ratio Lower Upper

240 100

120 9.5 10.0 15.0#

236 25.1 19.7 29.5

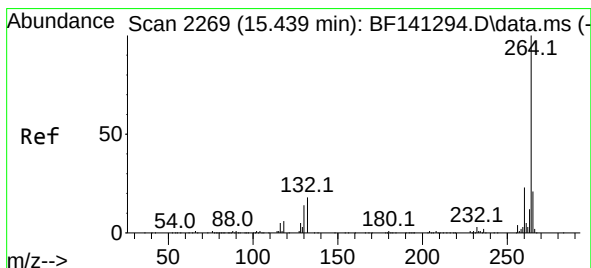
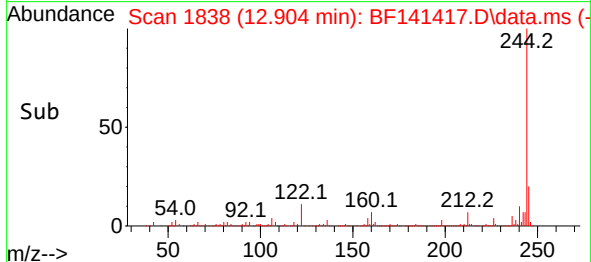
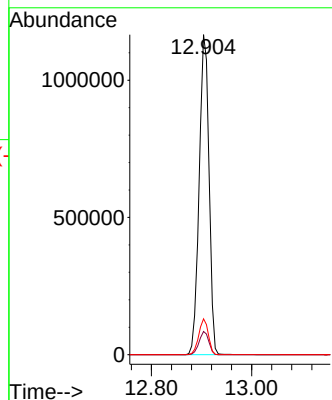
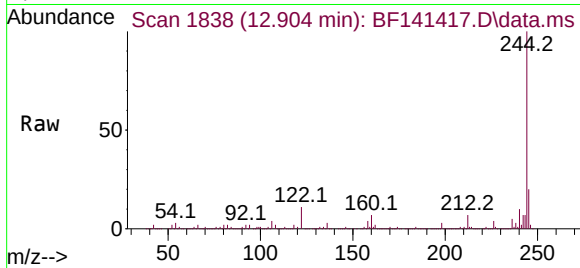




#79
 Terphenyl-d14
 Concen: 75.456 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF141417.D
 Acq: 04 Feb 2025 19:07

Instrument :
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 ClientSampleId :
 JPP-5.4-013025

Tgt Ion:244 Resp: 1584137
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 11.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF141417.D
 Acq: 04 Feb 2025 19:07

Tgt Ion:264 Resp: 258055
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 21.7 16.7 25.1

