

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141449.D
 Acq On : 05 Feb 2025 16:16
 Operator : RC/JU
 Sample : Q1215-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-29.1-012825

Quant Time: Feb 05 17:00:51 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)

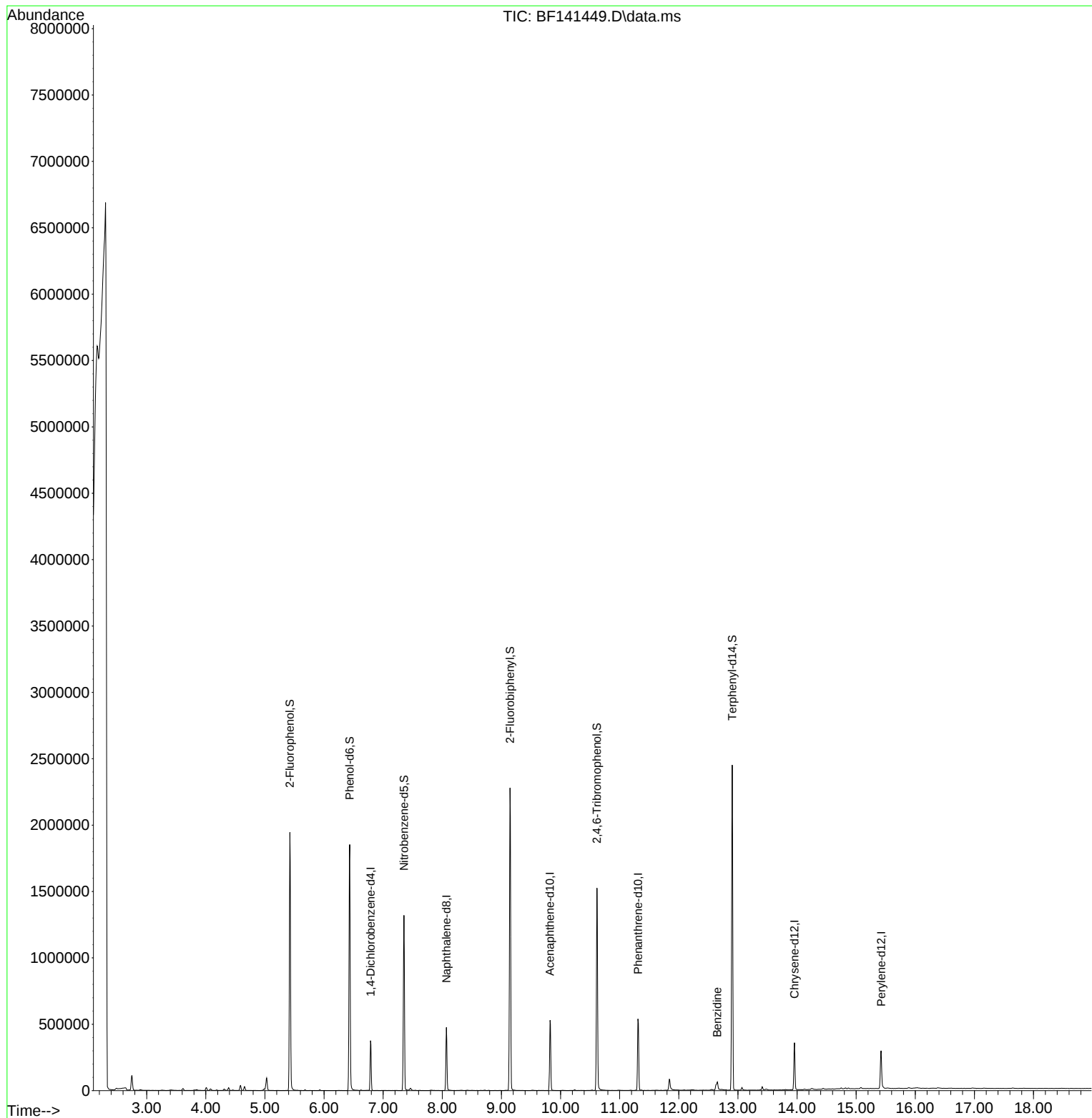
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	76013	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	297640	20.000	ng	#-0.02
39) Acenaphthene-d10	9.822	164	166130	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	280460	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	173213	20.000	ng	#-0.02
86) Perylene-d12	15.421	264	172184	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	691023	139.563	ng	0.01
7) Phenol-d6	6.434	99	831189	131.961	ng	0.00
23) Nitrobenzene-d5	7.351	82	575902	102.001	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	247133	162.264	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1057406	97.968	ng	-0.02
79) Terphenyl-d14	12.904	244	1203248	107.130	ng	-0.01
Target Compounds						
77) Benzidine	12.651	184	27536	4.959	ng	Qvalue 95

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

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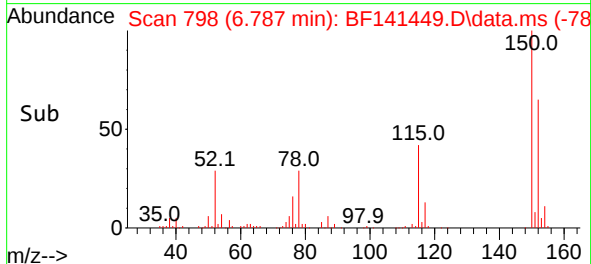
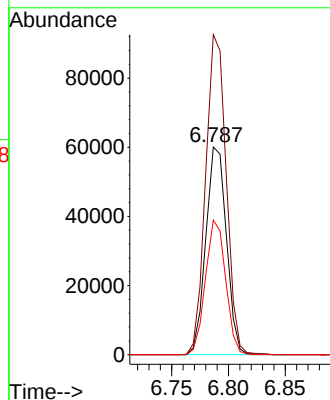
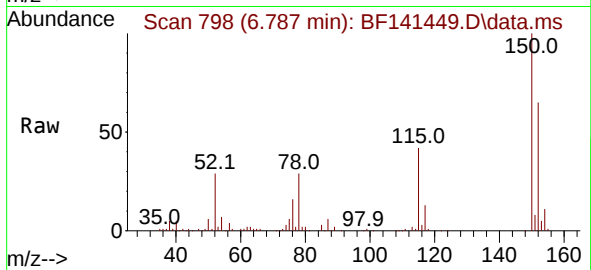




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.017 min
 Lab File: BF141449.D
 Acq: 05 Feb 2025 16:16

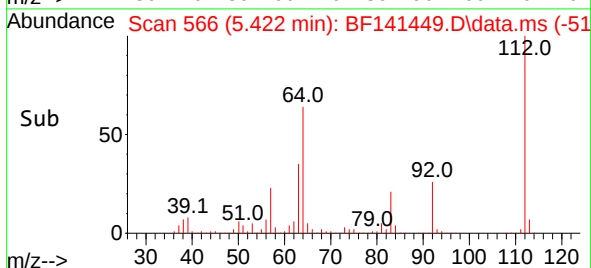
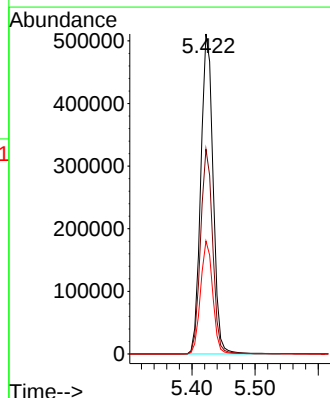
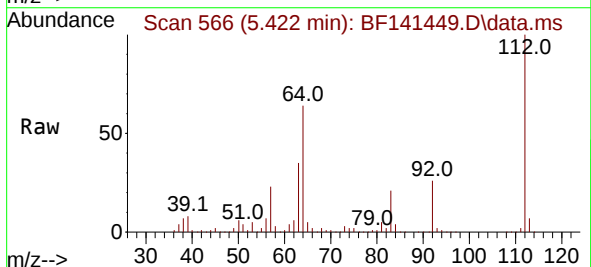
Instrument :
 BNA_F
 ClientSampleId :
 JPP-29.1-012825

Tgt Ion:152 Resp: 76013
 Ion Ratio Lower Upper
 152 100
 150 154.1 125.9 188.9
 115 64.8 49.7 74.5



#5
 2-Fluorophenol
 Concen: 139.563 ng
 RT: 5.422 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: BF141449.D
 Acq: 05 Feb 2025 16:16

Tgt Ion:112 Resp: 691023
 Ion Ratio Lower Upper
 112 100
 64 64.0 49.8 74.8
 63 35.3 26.1 39.1

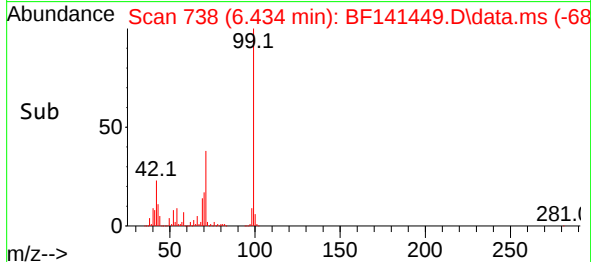
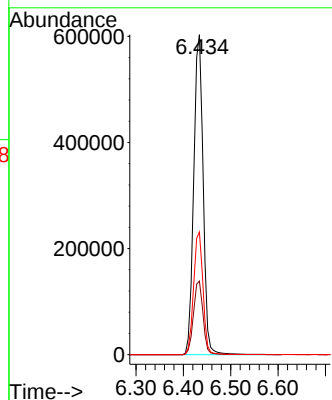
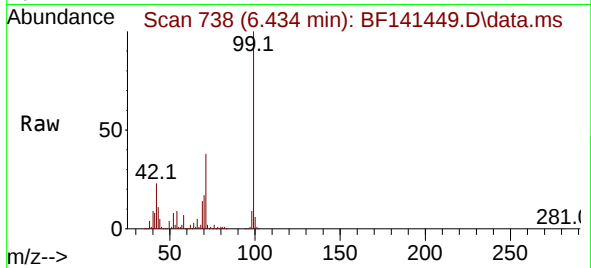




#7
Phenol-d6
Concen: 131.961 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141449.D
Acq: 05 Feb 2025 16:16

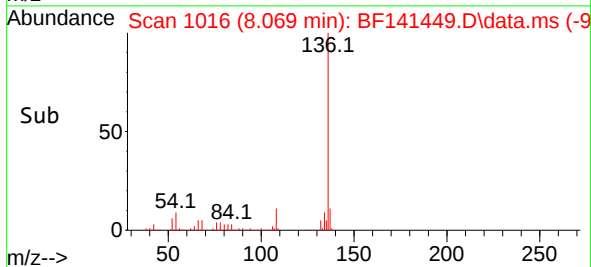
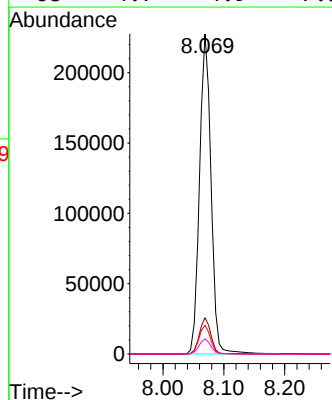
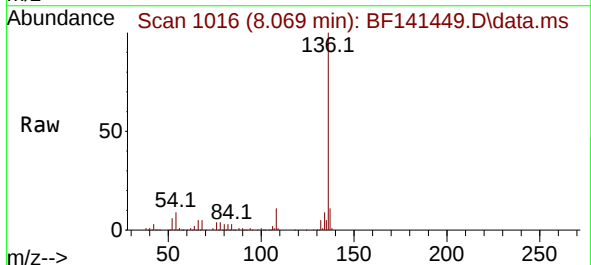
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Tgt Ion: 99 Resp: 831189
Ion Ratio Lower Upper
99 100
42 23.0 17.1 25.7
71 38.4 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: BF141449.D
Acq: 05 Feb 2025 16:16

Tgt Ion: 136 Resp: 297640
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.0 7.8 11.8
68 4.7 4.9 7.3

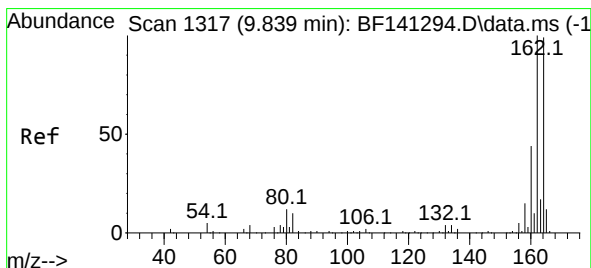
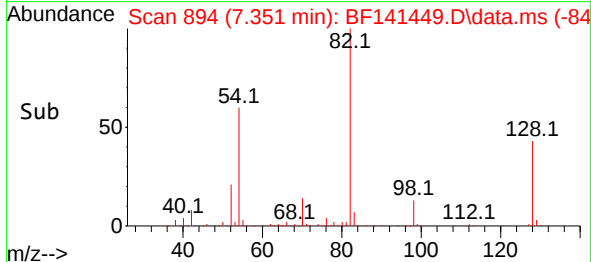
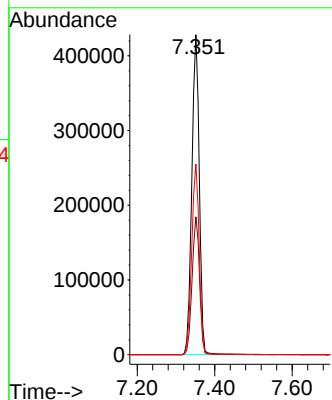
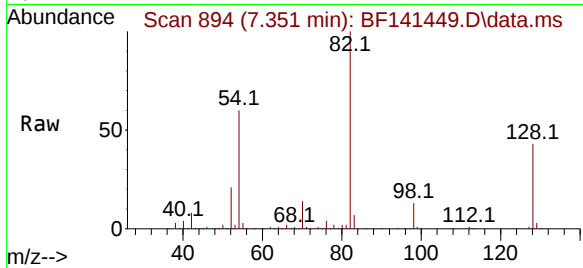




#23
 Nitrobenzene-d5
 Concen: 102.001 ng
 RT: 7.351 min Scan# 894
 Delta R.T. -0.018 min
 Lab File: BF141449.D
 Acq: 05 Feb 2025 16:16

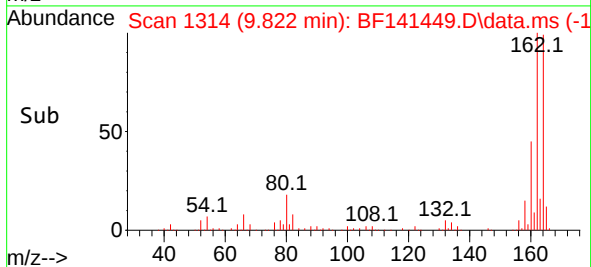
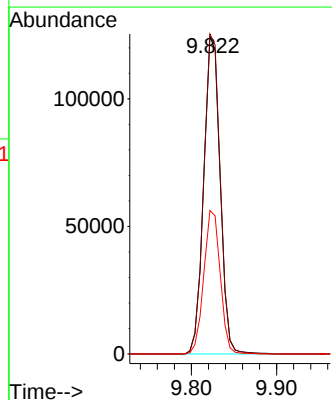
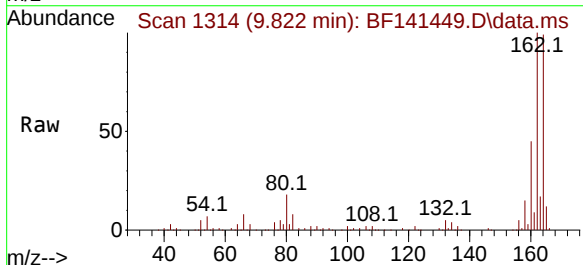
Instrument :
 BNA_F
 ClientSampleId :
 JPP-29.1-012825

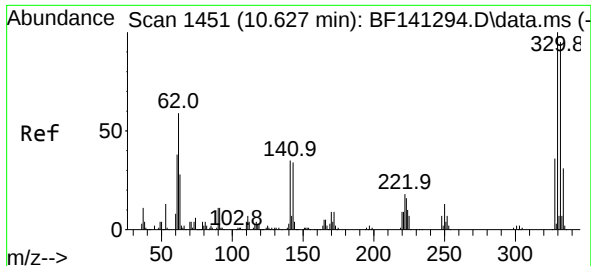
Tgt Ion: 82 Resp: 575902
 Ion Ratio Lower Upper
 82 100
 128 43.1 35.7 53.5
 54 59.6 47.1 70.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.822 min Scan# 1314
 Delta R.T. -0.018 min
 Lab File: BF141449.D
 Acq: 05 Feb 2025 16:16

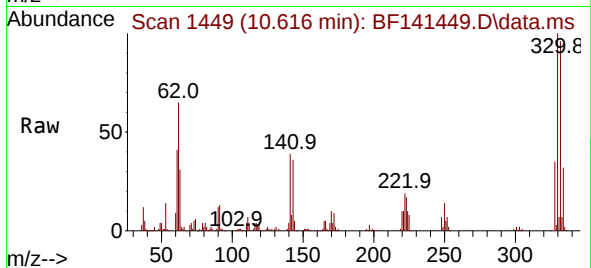
Tgt Ion:164 Resp: 166130
 Ion Ratio Lower Upper
 164 100
 162 100.9 80.6 121.0
 160 45.2 35.8 53.6



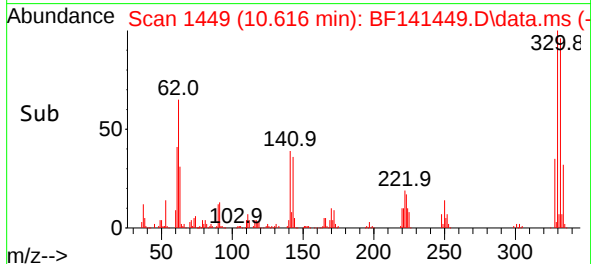
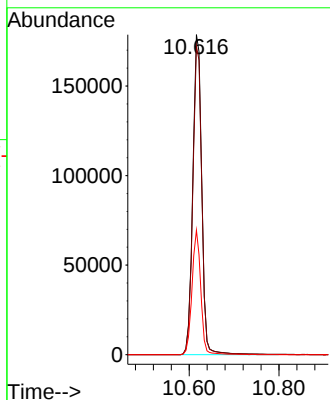


#42
2,4,6-Tribromophenol
Concen: 162.264 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF141449.D
Acq: 05 Feb 2025 16:16

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

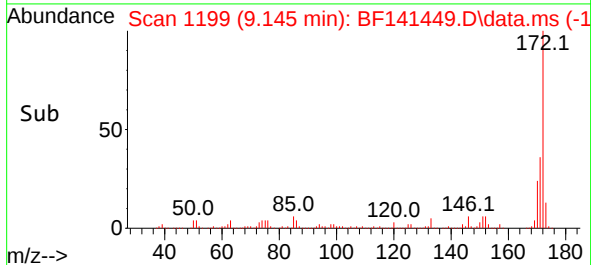
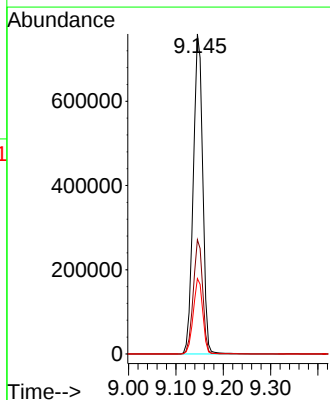
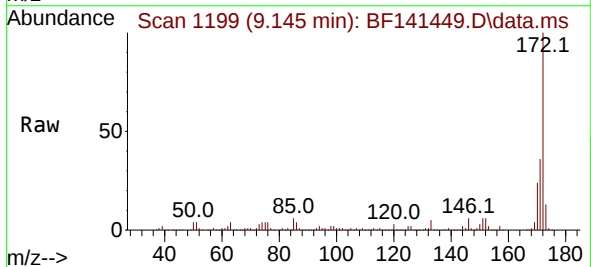


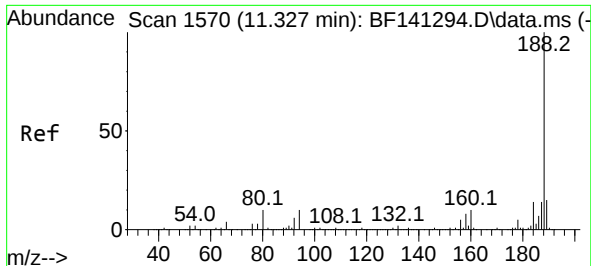
Tgt Ion:330 Resp: 247133
Ion Ratio Lower Upper
330 100
332 96.8 76.1 114.1
141 38.0 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 97.968 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF141449.D
Acq: 05 Feb 2025 16:16

Tgt Ion:172 Resp: 1057406
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.5 19.0 28.6

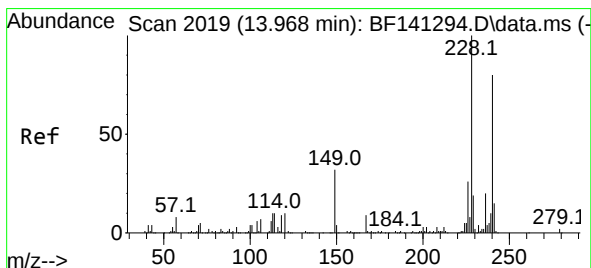
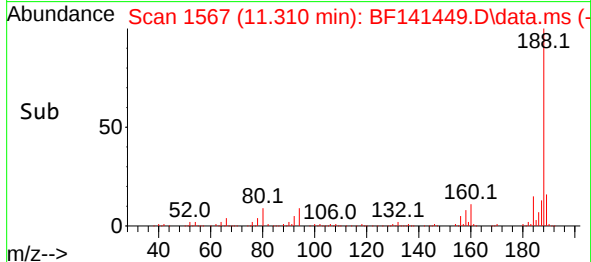
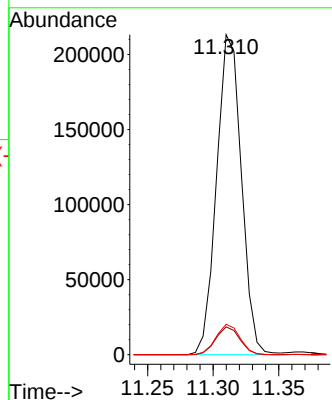
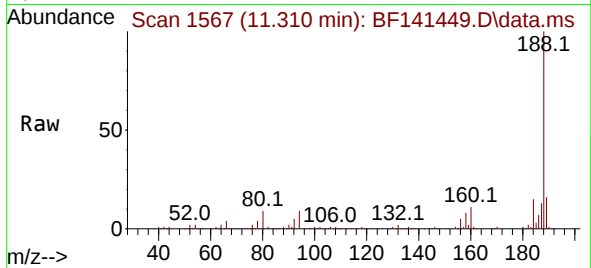




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141449.D
Acq: 05 Feb 2025 16:16

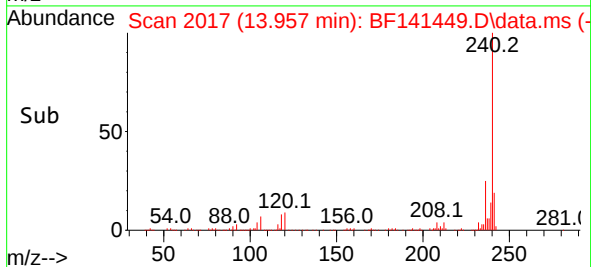
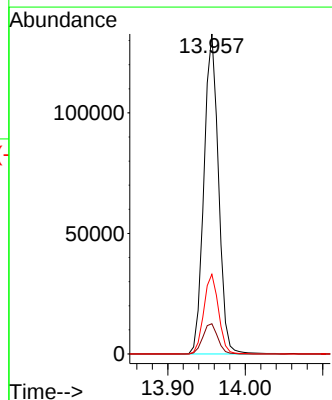
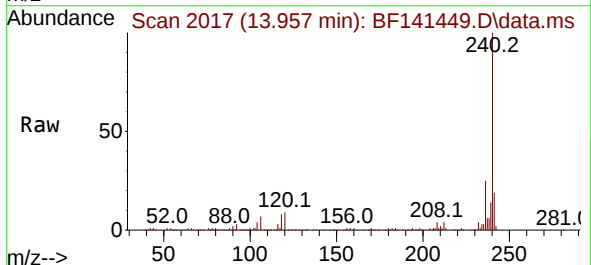
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

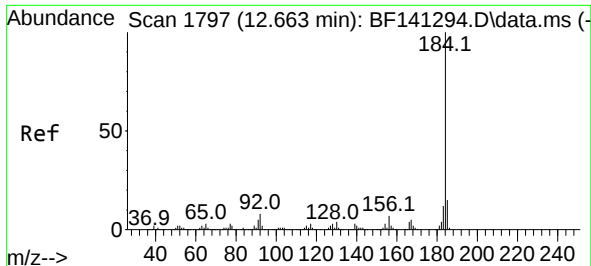
Tgt Ion:188 Resp: 280460
Ion Ratio Lower Upper
188 100
94 8.7 7.8 11.6
80 9.5 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141449.D
Acq: 05 Feb 2025 16:16

Tgt Ion:240 Resp: 173213
Ion Ratio Lower Upper
240 100
120 9.4 10.0 15.0#
236 24.9 19.7 29.5

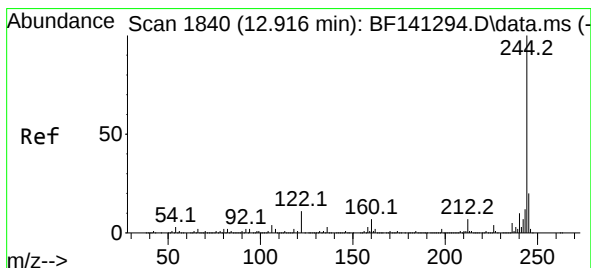
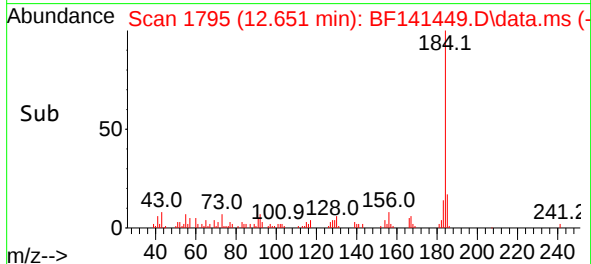
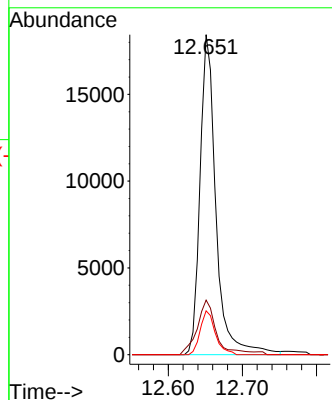
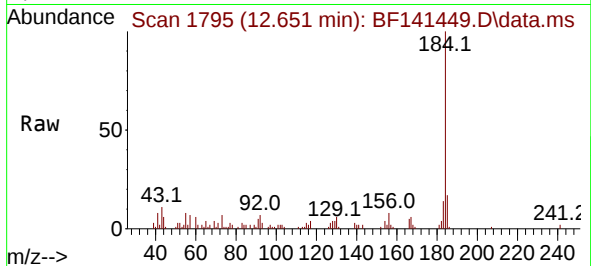




#77
Benzidine
Concen: 4.959 ng
RT: 12.651 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141449.D
Acq: 05 Feb 2025 16:16

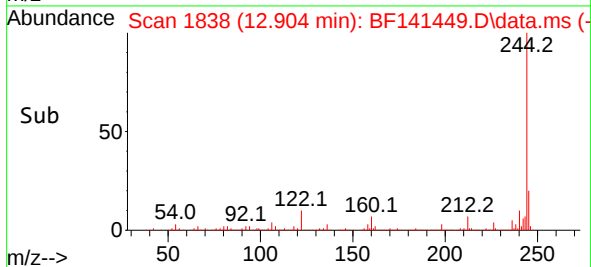
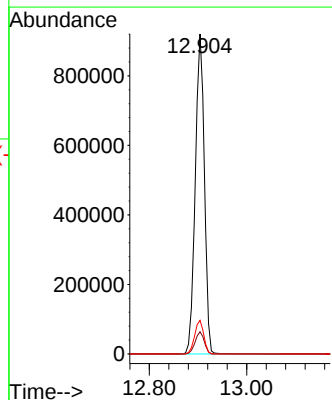
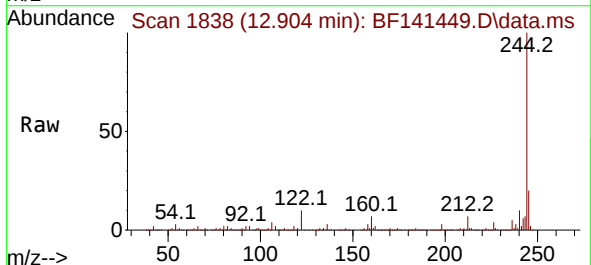
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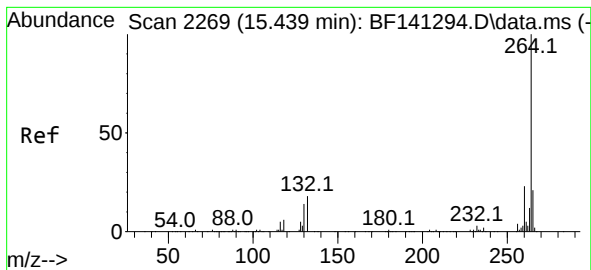
Tgt Ion:184 Resp: 27536
Ion Ratio Lower Upper
184 100
185 17.1 11.9 17.9
183 13.7 9.5 14.3



#79
Terphenyl-d14
Concen: 107.130 ng
RT: 12.904 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BF141449.D
Acq: 05 Feb 2025 16:16

Tgt Ion:244 Resp: 1203248
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: 15.421 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141449.D

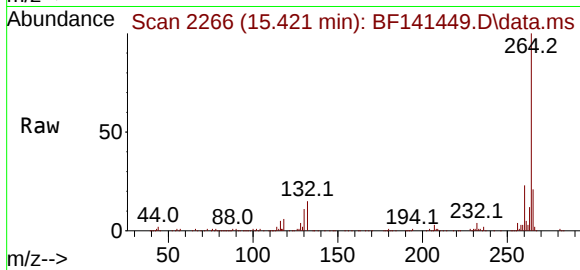
Acq: 05 Feb 2025 16:16

Instrument :

BNA_F

ClientSampleId :

JPP-29.1-012825



Tgt Ion:264 Resp: 172184

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 20.8 16.7 25.1

