

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141384.D
 Acq On : 03 Feb 2025 22:11
 Operator : RC/JU
 Sample : Q1232-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-51.1-012925

Quant Time: Feb 04 00:20:10 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	88557	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	354547	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	194446	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	330562	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	210585	20.000	ng	#-0.02
86) Perylene-d12	15.404	264	155102	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	790380	137.018	ng	0.02
7) Phenol-d6	6.440	99	956155	130.299	ng	0.00
23) Nitrobenzene-d5	7.357	82	711866	105.845	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	294994	165.483	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1271349	100.637	ng	-0.01
79) Terphenyl-d14	12.910	244	1427125	104.513	ng	0.00

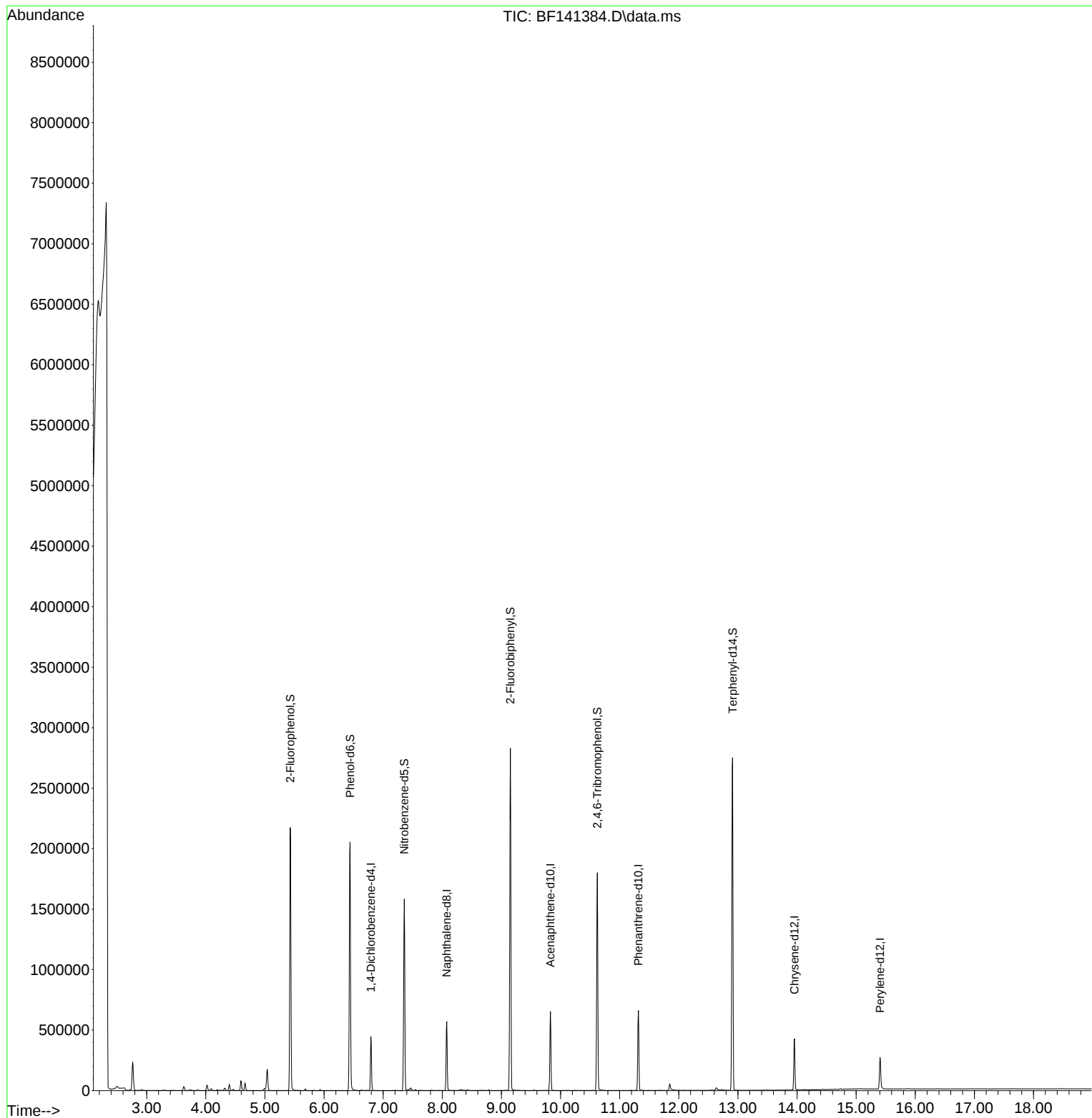
Target Compounds	Qvalue

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

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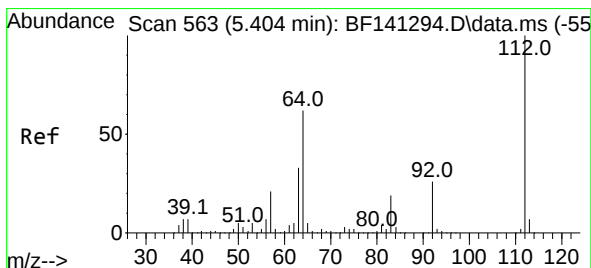
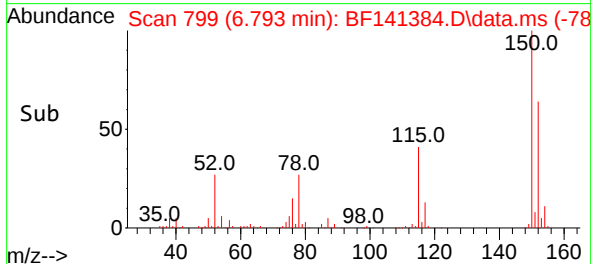
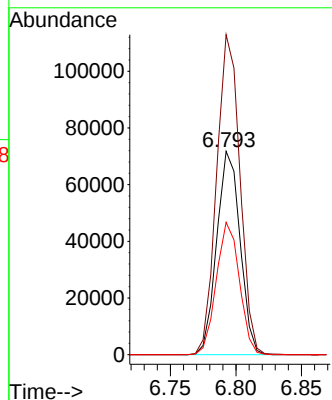
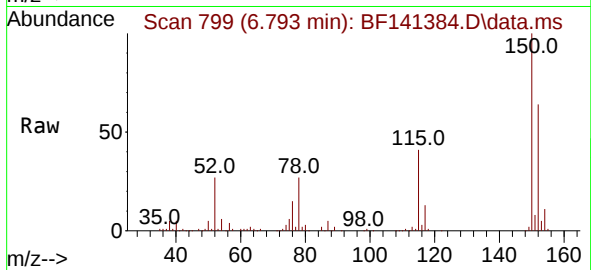




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141384.D
 Acq: 03 Feb 2025 22:11

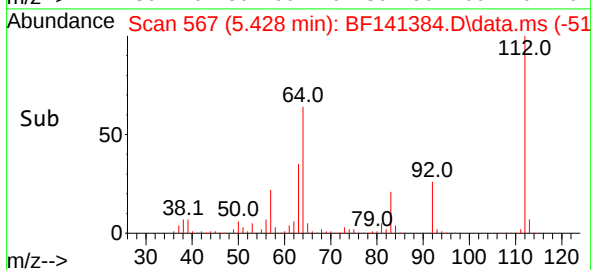
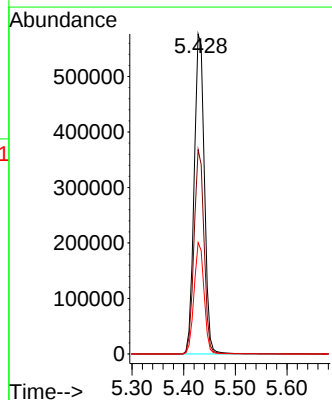
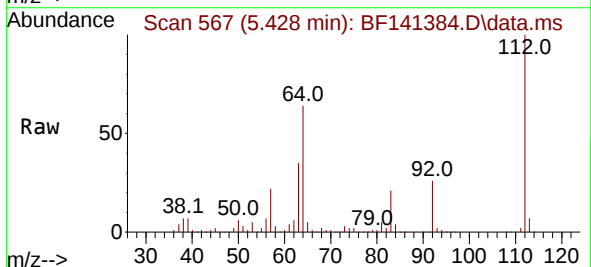
Instrument :
 BNA_F
 ClientSampleId :
 JPP-51.1-012925

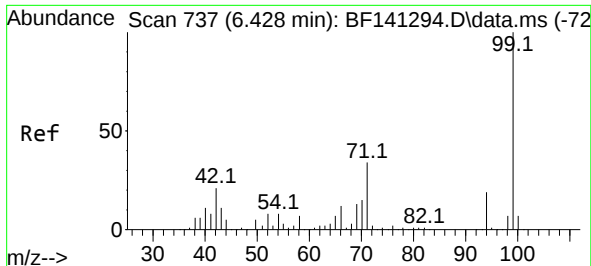
Tgt Ion:152 Resp: 88557
 Ion Ratio Lower Upper
 152 100
 150 157.4 125.9 188.9
 115 65.1 49.7 74.5



#5
 2-Fluorophenol
 Concen: 137.018 ng
 RT: 5.428 min Scan# 567
 Delta R.T. 0.018 min
 Lab File: BF141384.D
 Acq: 03 Feb 2025 22:11

Tgt Ion:112 Resp: 790380
 Ion Ratio Lower Upper
 112 100
 64 63.9 49.8 74.8
 63 34.8 26.1 39.1

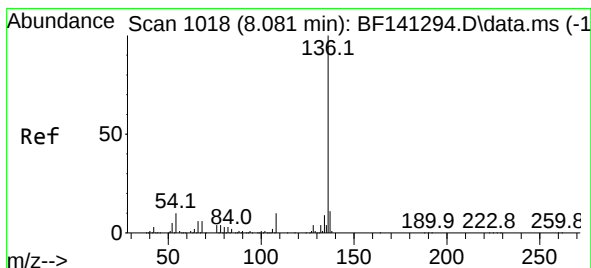
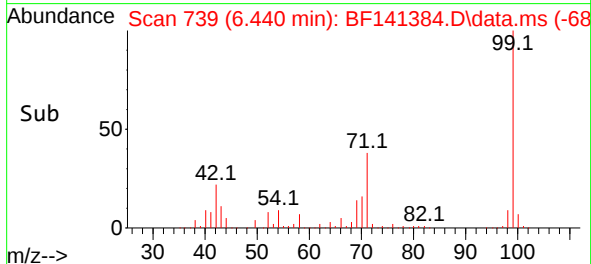
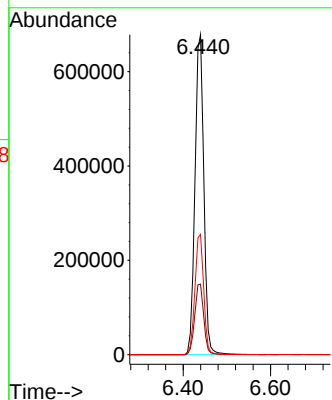
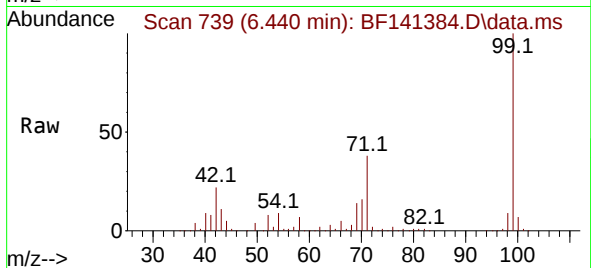




#7
Phenol-d6
Concen: 130.299 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

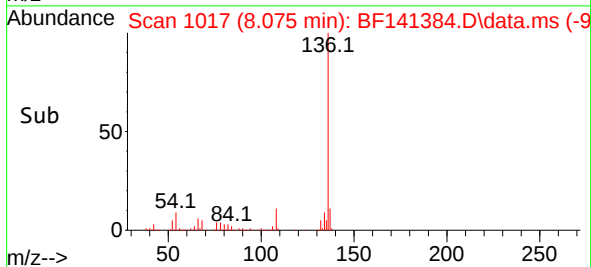
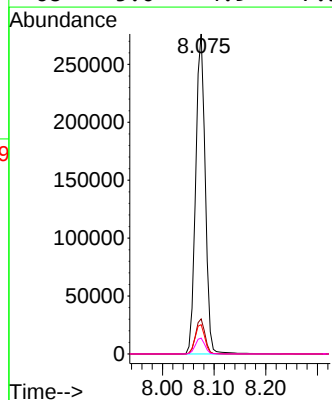
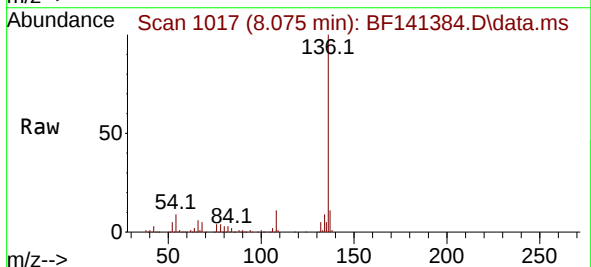
Instrument :
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ClientSampleId :
JPP-51.1-012925

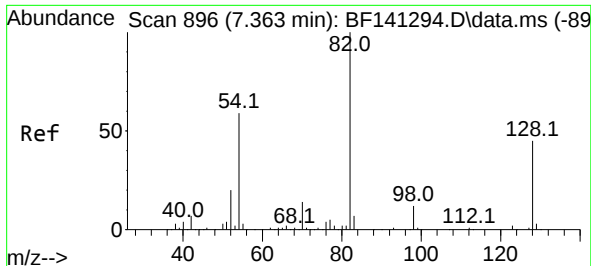
Tgt Ion: 99 Resp: 956155
Ion Ratio Lower Upper
99 100
42 22.1 17.1 25.7
71 37.6 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

Tgt Ion: 136 Resp: 354547
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.2 7.8 11.8
68 5.0 4.9 7.3

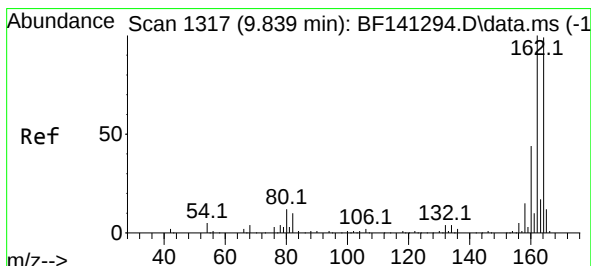
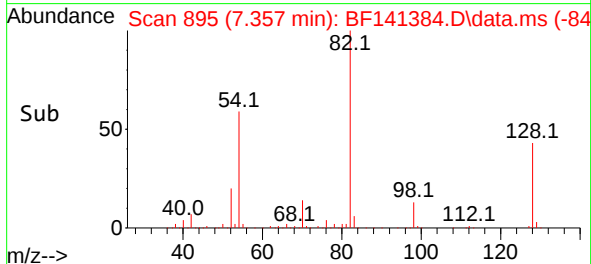
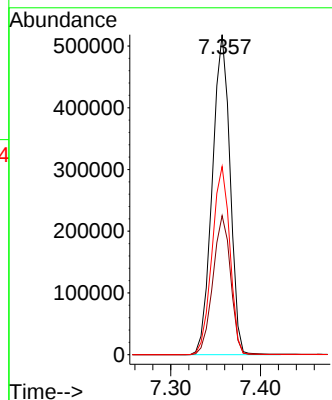
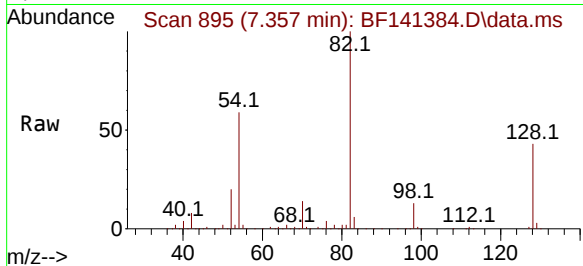




#23
Nitrobenzene-d5
Concen: 105.845 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

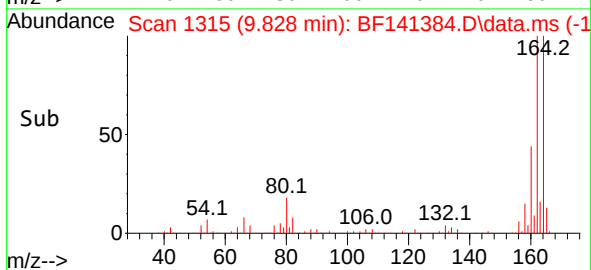
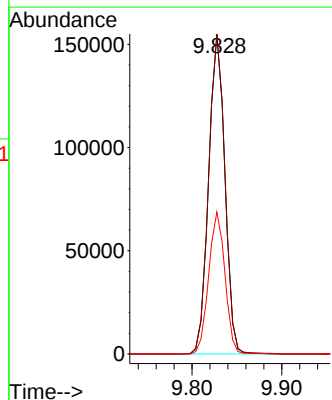
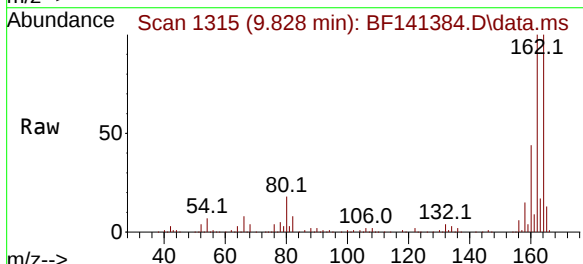
Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

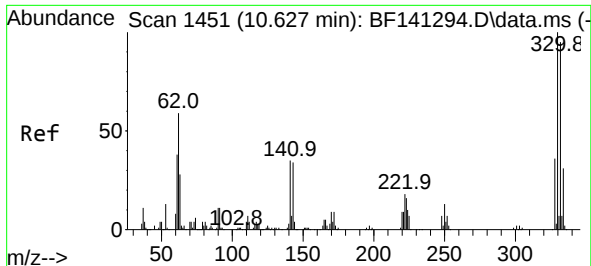
Tgt Ion: 82 Resp: 711866
Ion Ratio Lower Upper
82 100
128 43.5 35.7 53.5
54 58.8 47.1 70.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

Tgt Ion:164 Resp: 194446
Ion Ratio Lower Upper
164 100
162 100.2 80.6 121.0
160 44.4 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 165.483 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF141384.D

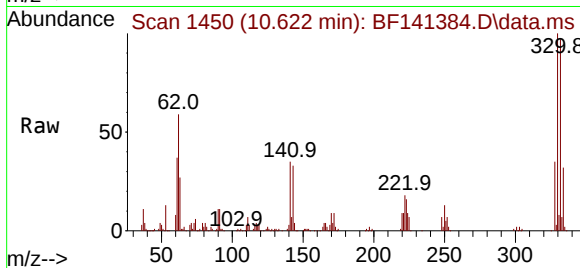
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Instrument :

BNA_F

ClientSampleId :

JPP-51.1-012925



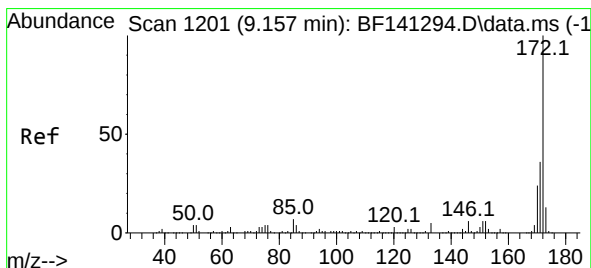
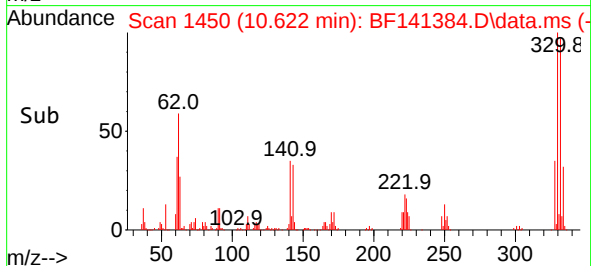
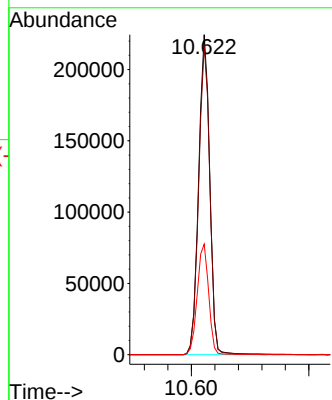
Tgt Ion:330 Resp: 294994

Ion Ratio Lower Upper

330 100

332 96.7 76.1 114.1

141 35.4 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 100.637 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF141384.D

Acq: 03 Feb 2025 22:11

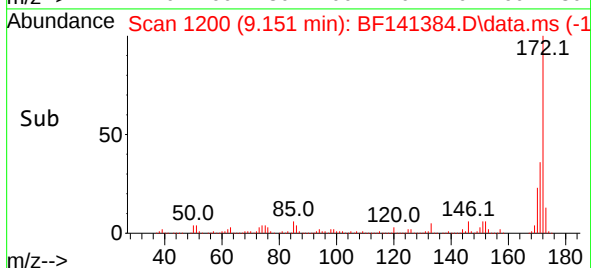
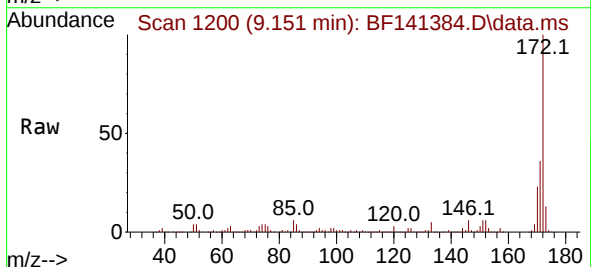
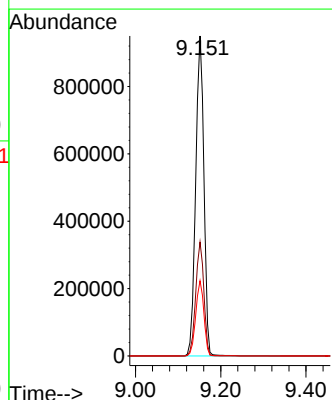
Tgt Ion:172 Resp: 1271349

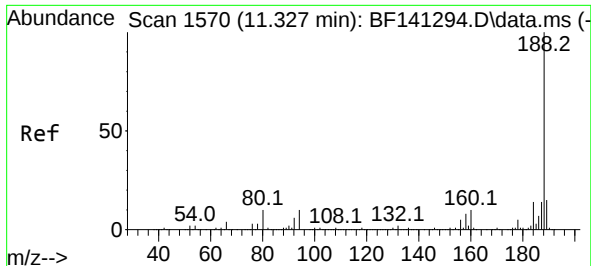
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.5 19.0 28.6

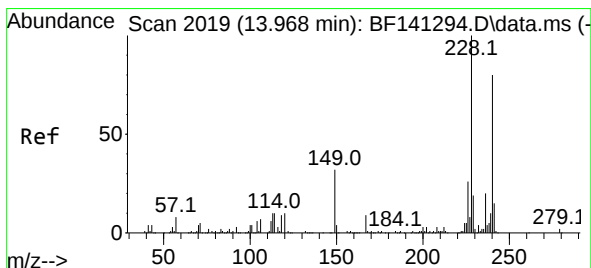
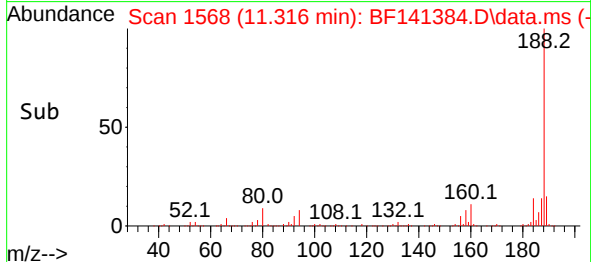
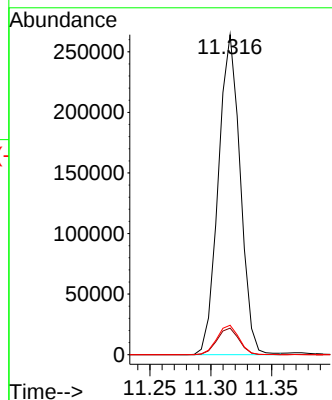
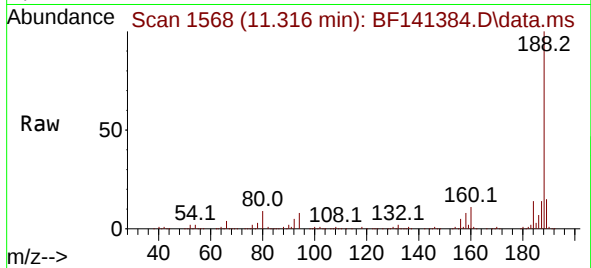




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

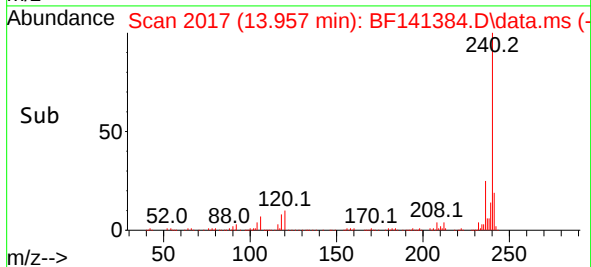
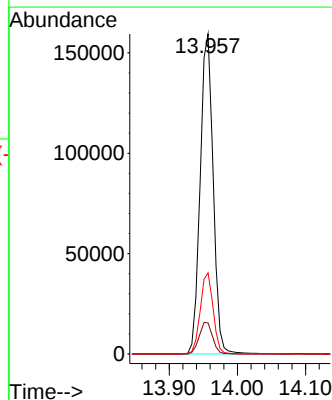
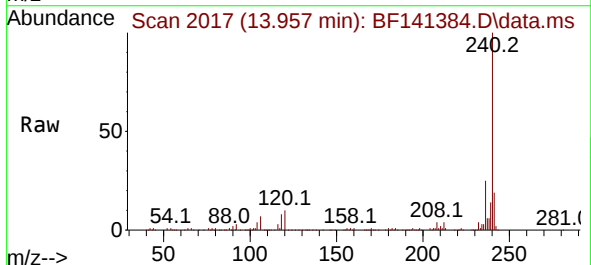
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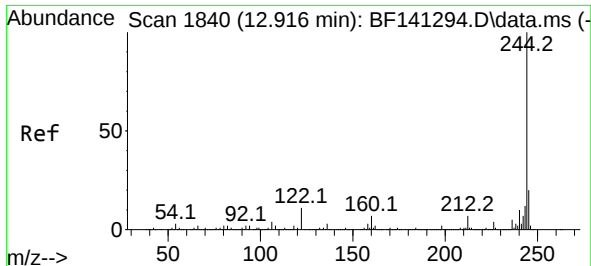
Tgt Ion:188 Resp: 330562
Ion Ratio Lower Upper
188 100
94 8.3 7.8 11.6
80 9.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

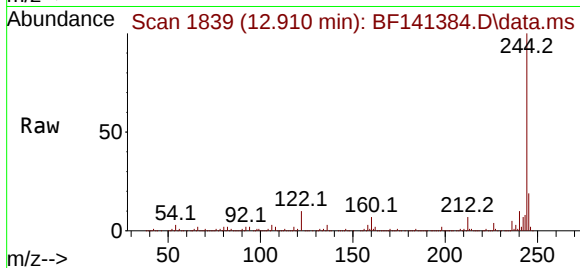
Tgt Ion:240 Resp: 210585
Ion Ratio Lower Upper
240 100
120 9.7 10.0 15.0#
236 25.4 19.7 29.5



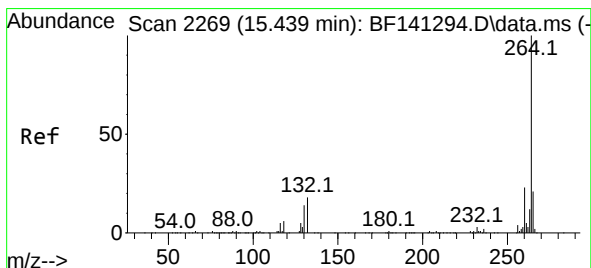
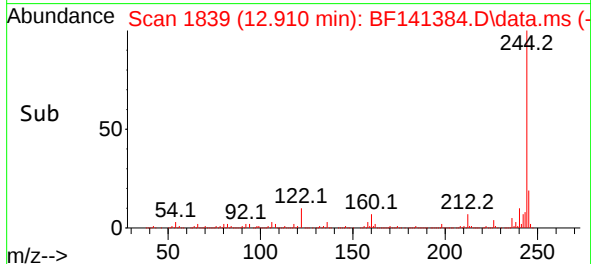
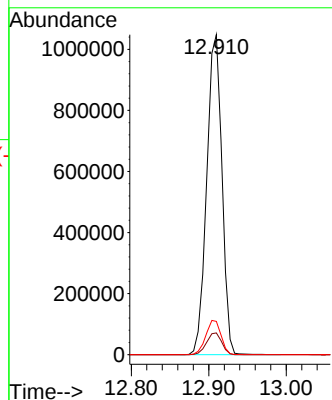


#79
 Terphenyl-d14
 Concen: 104.513 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141384.D
 Acq: 03 Feb 2025 22:11

Instrument :
 BNA_F
 ClientSampleId :
 JPP-51.1-012925



Tgt Ion:244 Resp: 1427125
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.4 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2263
 Delta R.T. -0.035 min
 Lab File: BF141384.D
 Acq: 03 Feb 2025 22:11

Tgt Ion:264 Resp: 155102
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 27.8
 265 21.0 16.7 25.1

