

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141386.D
 Acq On : 03 Feb 2025 23:04
 Operator : RC/JU
 Sample : Q1271-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200030

Quant Time: Feb 04 00:20:43 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	90075	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	358336	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	194093	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	340981	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	218881	20.000	ng	-0.02
86) Perylene-d12	15.404	264	160575	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	791860	134.961	ng	0.02
7) Phenol-d6	6.440	99	963021	129.023	ng	0.00
23) Nitrobenzene-d5	7.357	82	708231	104.191	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	299655	168.404	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1275494	101.149	ng	-0.01
79) Terphenyl-d14	12.910	244	1477027	104.068	ng	0.00

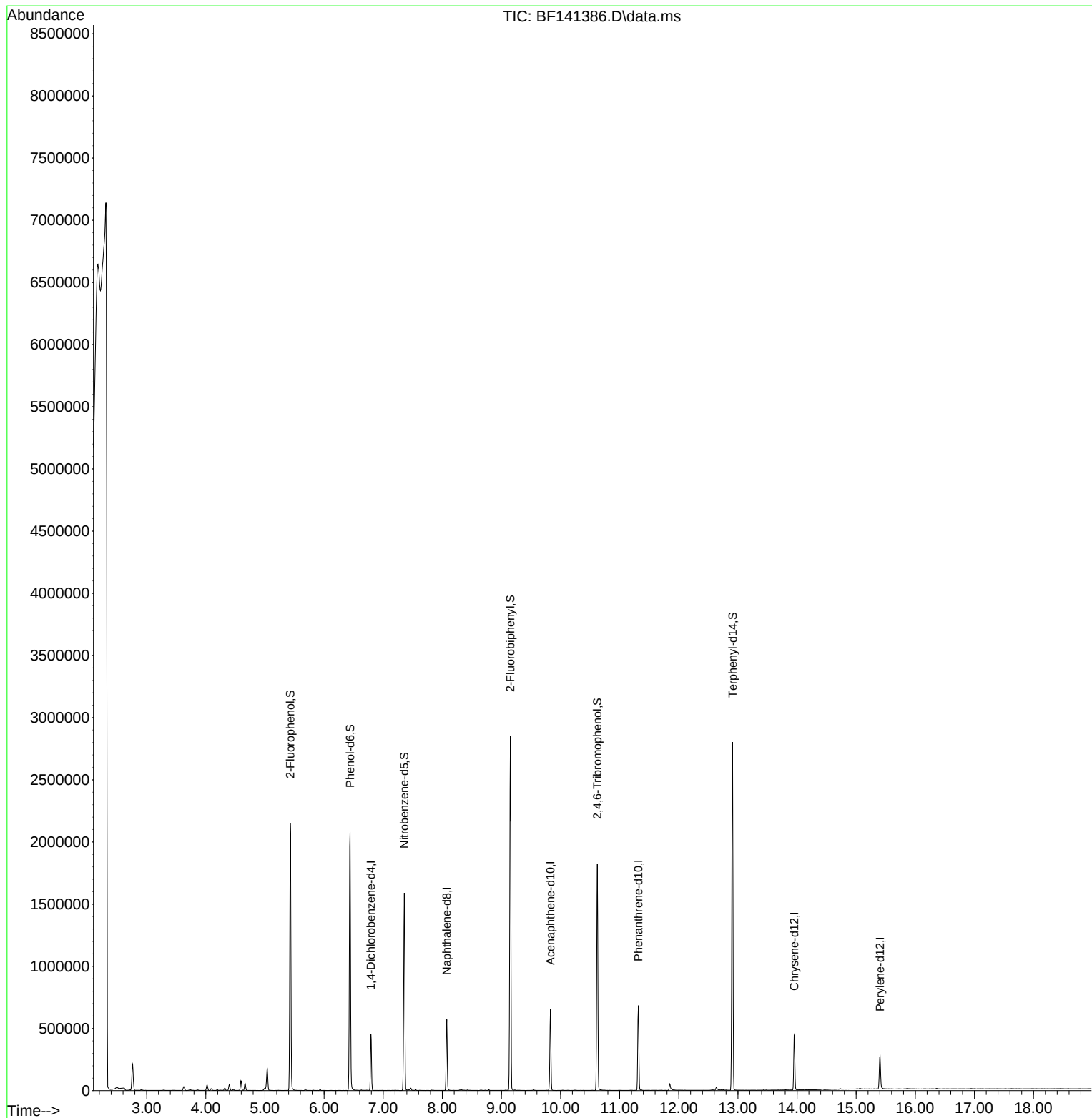
Target Compounds	Qvalue

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

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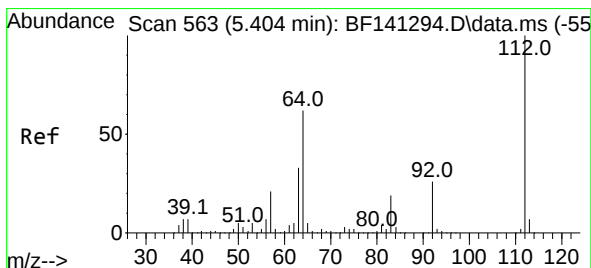
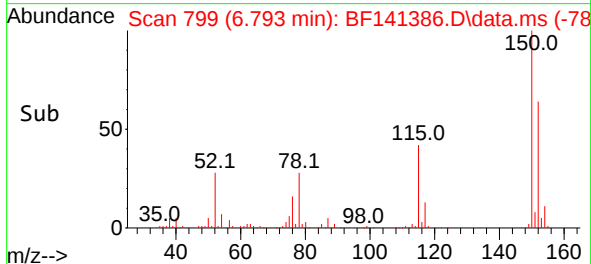
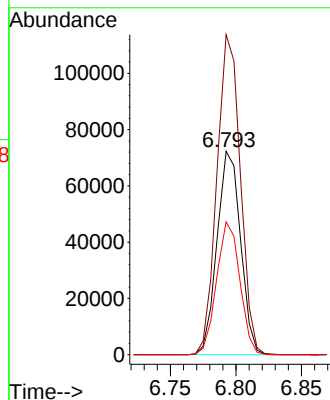
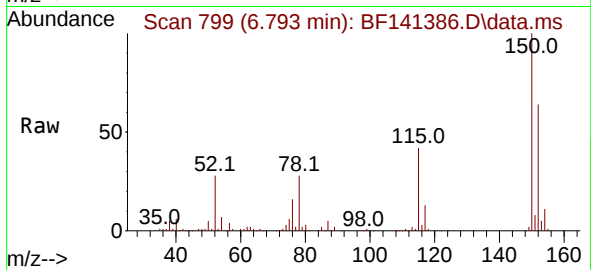




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141386.D
 Acq: 03 Feb 2025 23:04

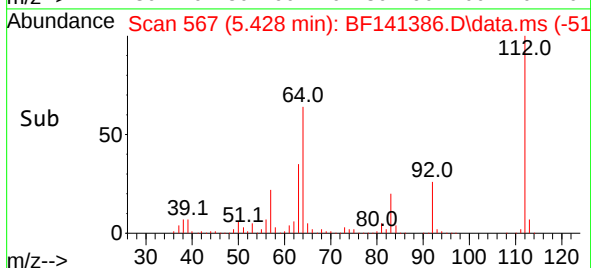
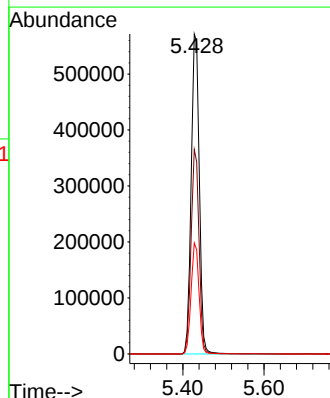
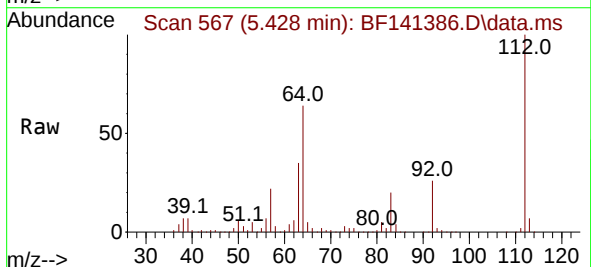
Instrument :
 BNA_F
 ClientSampleId :
 RBR200030

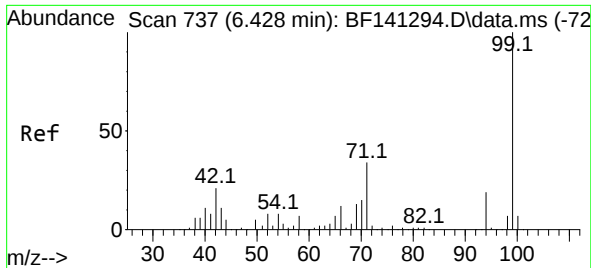
Tgt Ion:152 Resp: 90075
 Ion Ratio Lower Upper
 152 100
 150 157.4 125.9 188.9
 115 65.4 49.7 74.5



#5
 2-Fluorophenol
 Concen: 134.961 ng
 RT: 5.428 min Scan# 567
 Delta R.T. 0.018 min
 Lab File: BF141386.D
 Acq: 03 Feb 2025 23:04

Tgt Ion:112 Resp: 791860
 Ion Ratio Lower Upper
 112 100
 64 63.8 49.8 74.8
 63 34.7 26.1 39.1

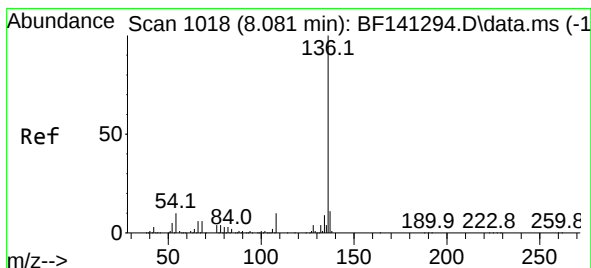
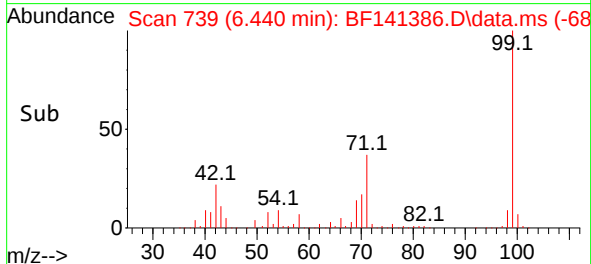
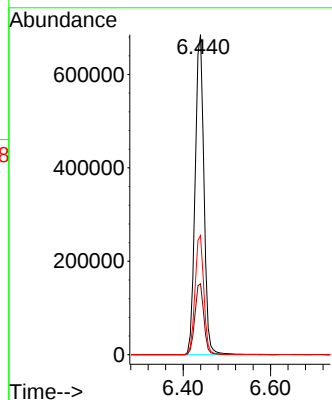
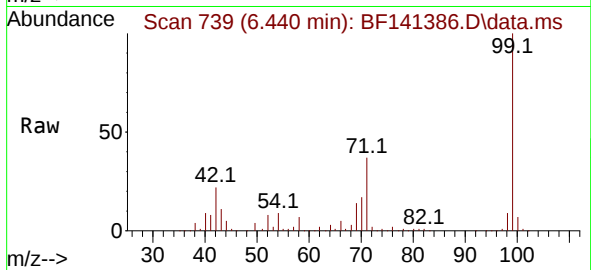




#7
Phenol-d6
Concen: 129.023 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141386.D
Acq: 03 Feb 2025 23:04

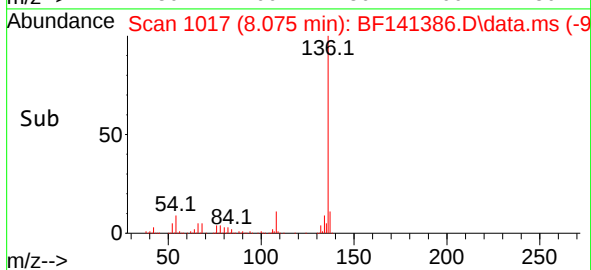
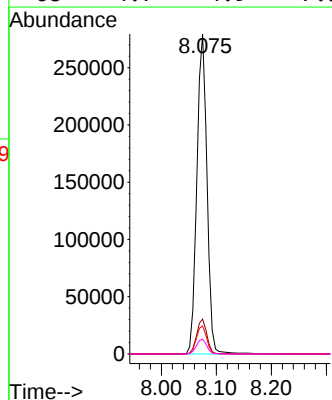
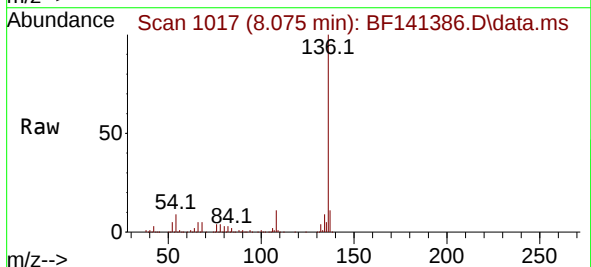
Instrument :
BNA_F
ClientSampleId :
RBR200030

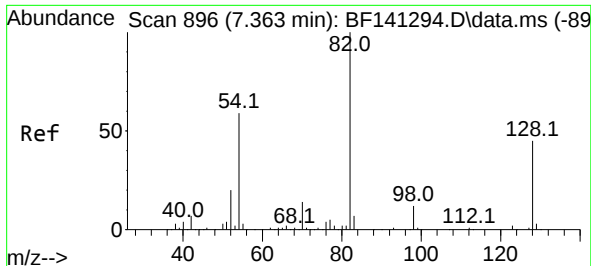
Tgt Ion: 99 Resp: 963021
Ion Ratio Lower Upper
99 100
42 22.1 17.1 25.7
71 37.3 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141386.D
Acq: 03 Feb 2025 23:04

Tgt Ion: 136 Resp: 358336
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.8 7.8 11.8
68 4.7 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 104.191 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141386.D

Acq: 03 Feb 2025 23:04

Instrument :

BNA_F

ClientSampleId :

RBR200030

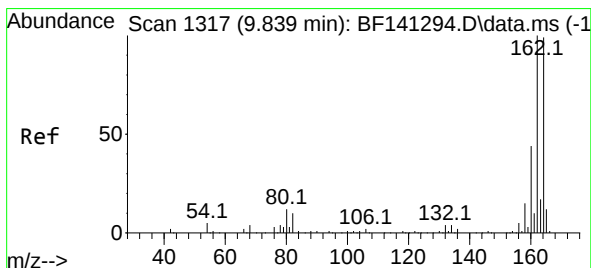
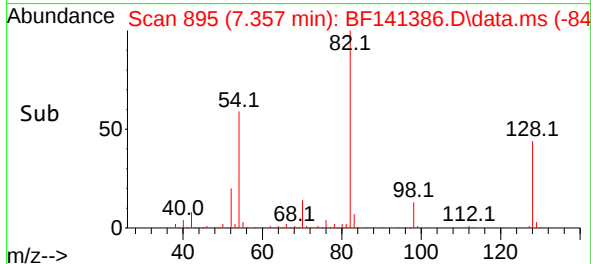
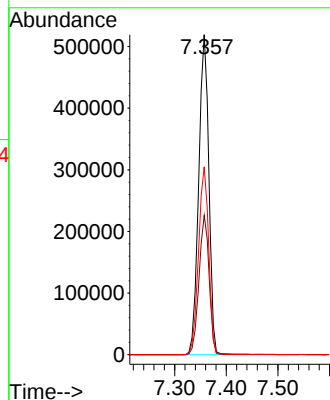
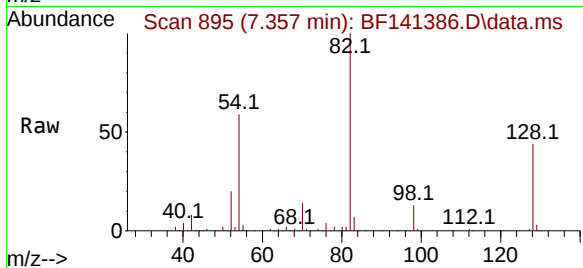
Tgt Ion: 82 Resp: 708231

Ion Ratio Lower Upper

82 100

128 43.6 35.7 53.5

54 58.7 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: BF141386.D

Acq: 03 Feb 2025 23:04

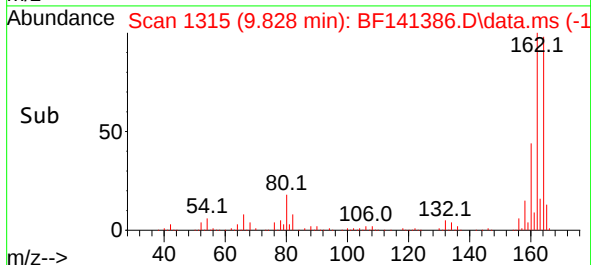
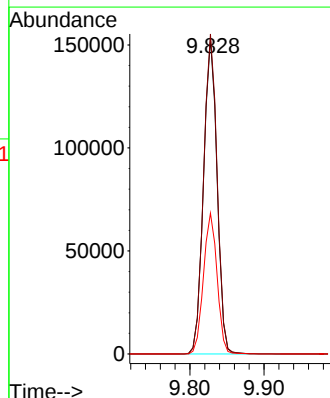
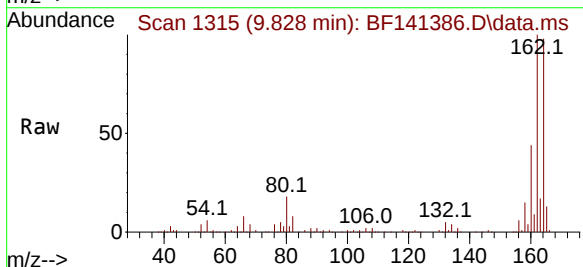
Tgt Ion:164 Resp: 194093

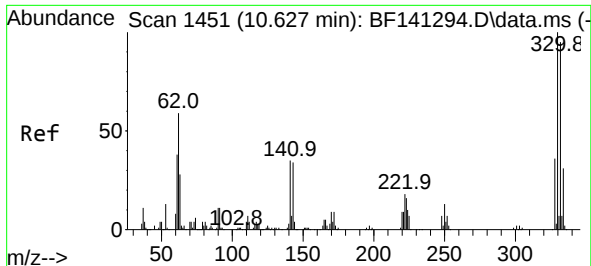
Ion Ratio Lower Upper

164 100

162 101.5 80.6 121.0

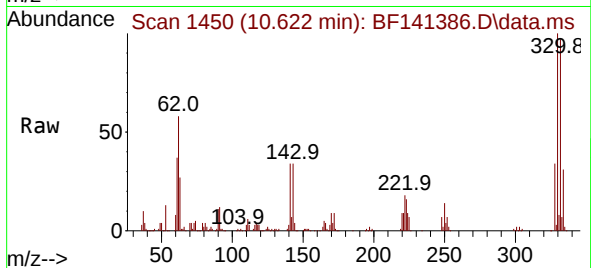
160 44.7 35.8 53.6



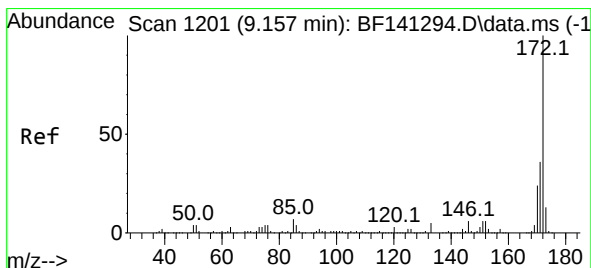
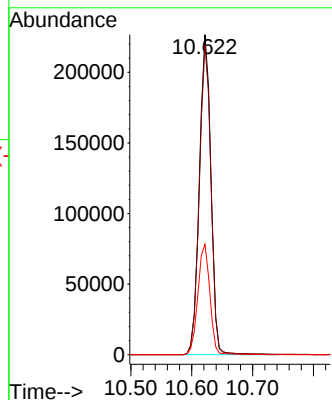
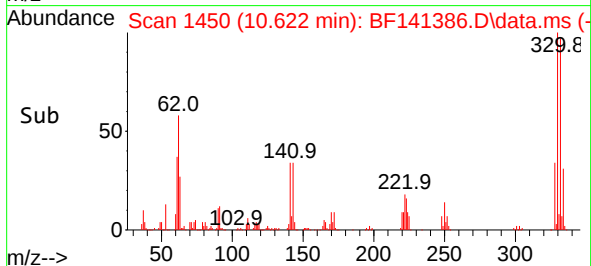


#42
2,4,6-Tribromophenol
Concen: 168.404 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF141386.D
Acq: 03 Feb 2025 23:04

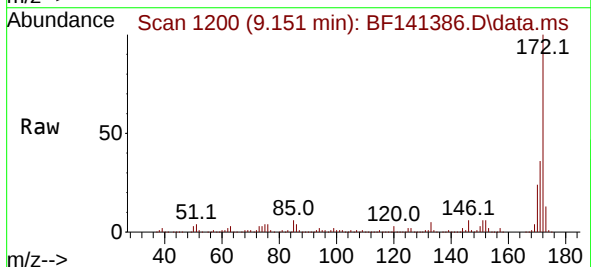
Instrument :
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ClientSampleId :
RBR200030



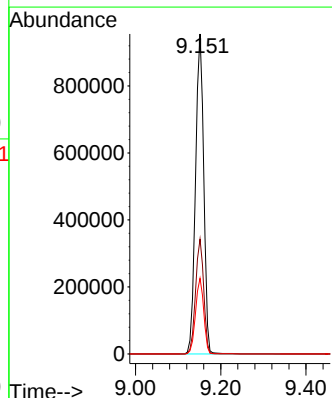
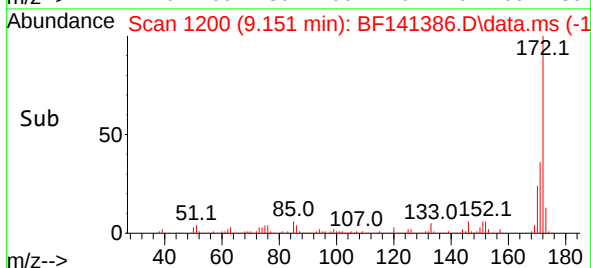
Tgt Ion:330 Resp: 299655
Ion Ratio Lower Upper
330 100
332 97.0 76.1 114.1
141 35.6 28.8 43.2

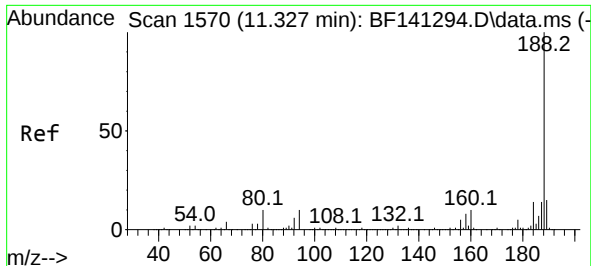


#45
2-Fluorobiphenyl
Concen: 101.149 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141386.D
Acq: 03 Feb 2025 23:04



Tgt Ion:172 Resp: 1275494
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.7 19.0 28.6

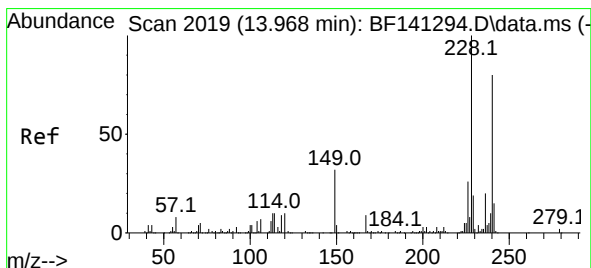
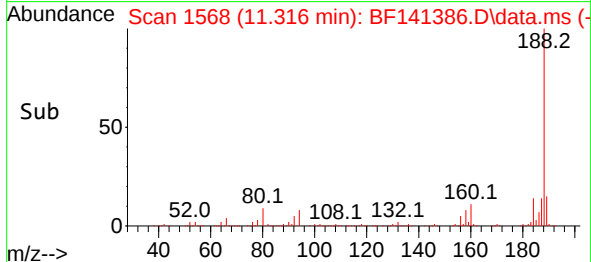
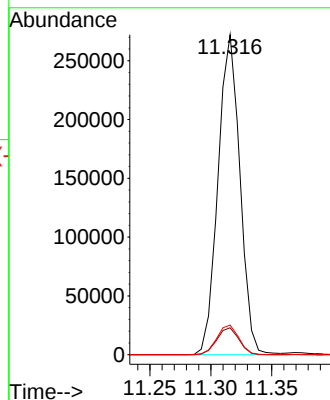
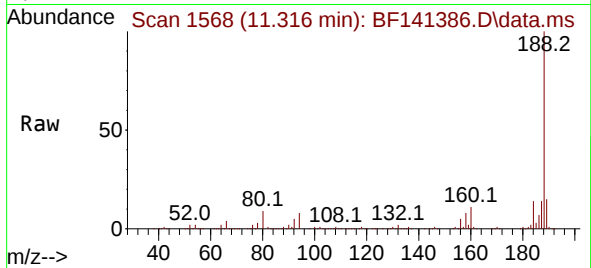




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141386.D
Acq: 03 Feb 2025 23:04

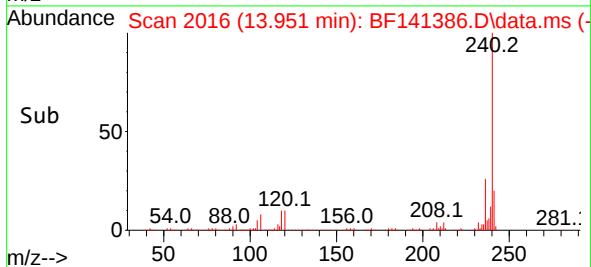
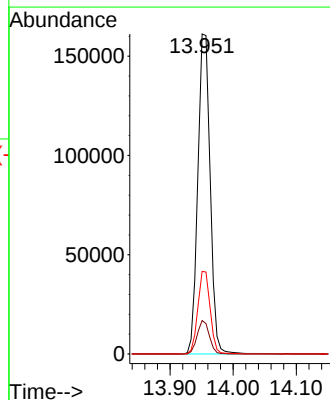
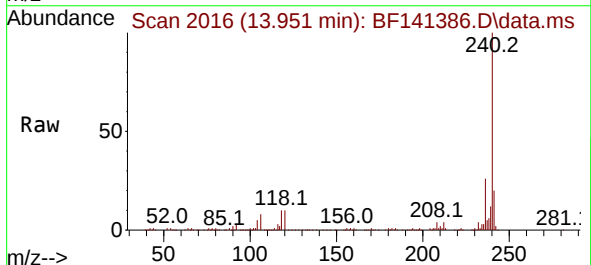
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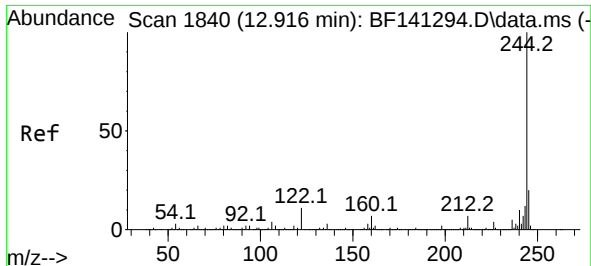
Tgt Ion:188 Resp: 340981
Ion Ratio Lower Upper
188 100
94 8.4 7.8 11.6
80 9.3 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.024 min
Lab File: BF141386.D
Acq: 03 Feb 2025 23:04

Tgt Ion:240 Resp: 218881
Ion Ratio Lower Upper
240 100
120 10.5 10.0 15.0
236 25.8 19.7 29.5

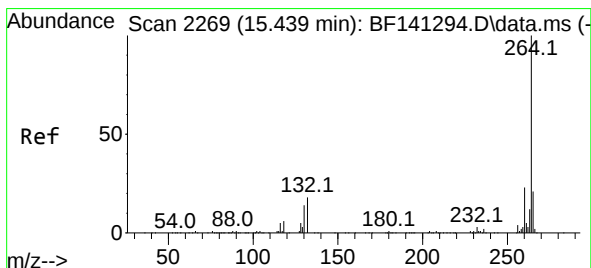
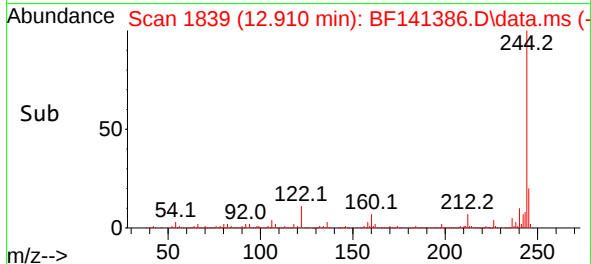
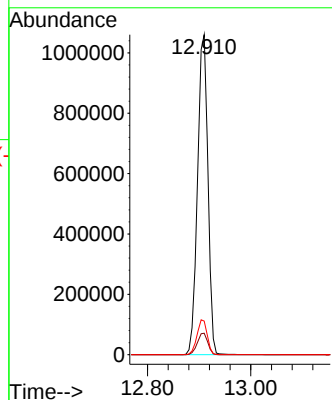
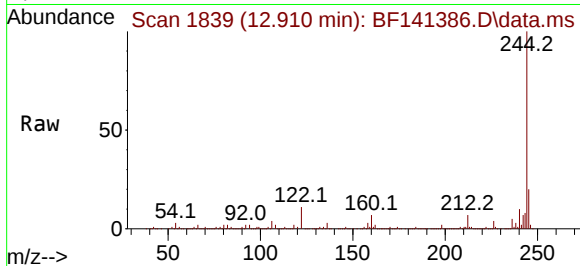




#79
 Terphenyl-d14
 Concen: 104.068 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141386.D
 Acq: 03 Feb 2025 23:04

Instrument :
 BNA_F
 ClientSampleId :
 RBR200030

Tgt Ion:244 Resp: 1477027
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.5 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: BF141386.D
 Acq: 03 Feb 2025 23:04

Tgt Ion:264 Resp: 160575
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 21.7 16.7 25.1

