

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
 Data File : BF142057.D
 Acq On : 24 Mar 2025 16:24
 Operator : RC/JU
 Sample : Q1606-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR251346

Quant Time: Mar 24 17:13:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	125920	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	495487	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	269879	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	428465	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	247462	20.000	ng	0.00
86) Perylene-d12	15.504	264	271187	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1061999	140.759	ng	0.01
7) Phenol-d6	6.498	99	1079557	112.381	ng	0.00
23) Nitrobenzene-d5	7.434	82	901304	102.367	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	507014	148.086	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1960471	110.476	ng	-0.01
79) Terphenyl-d14	12.980	244	1872889	111.895	ng	0.00

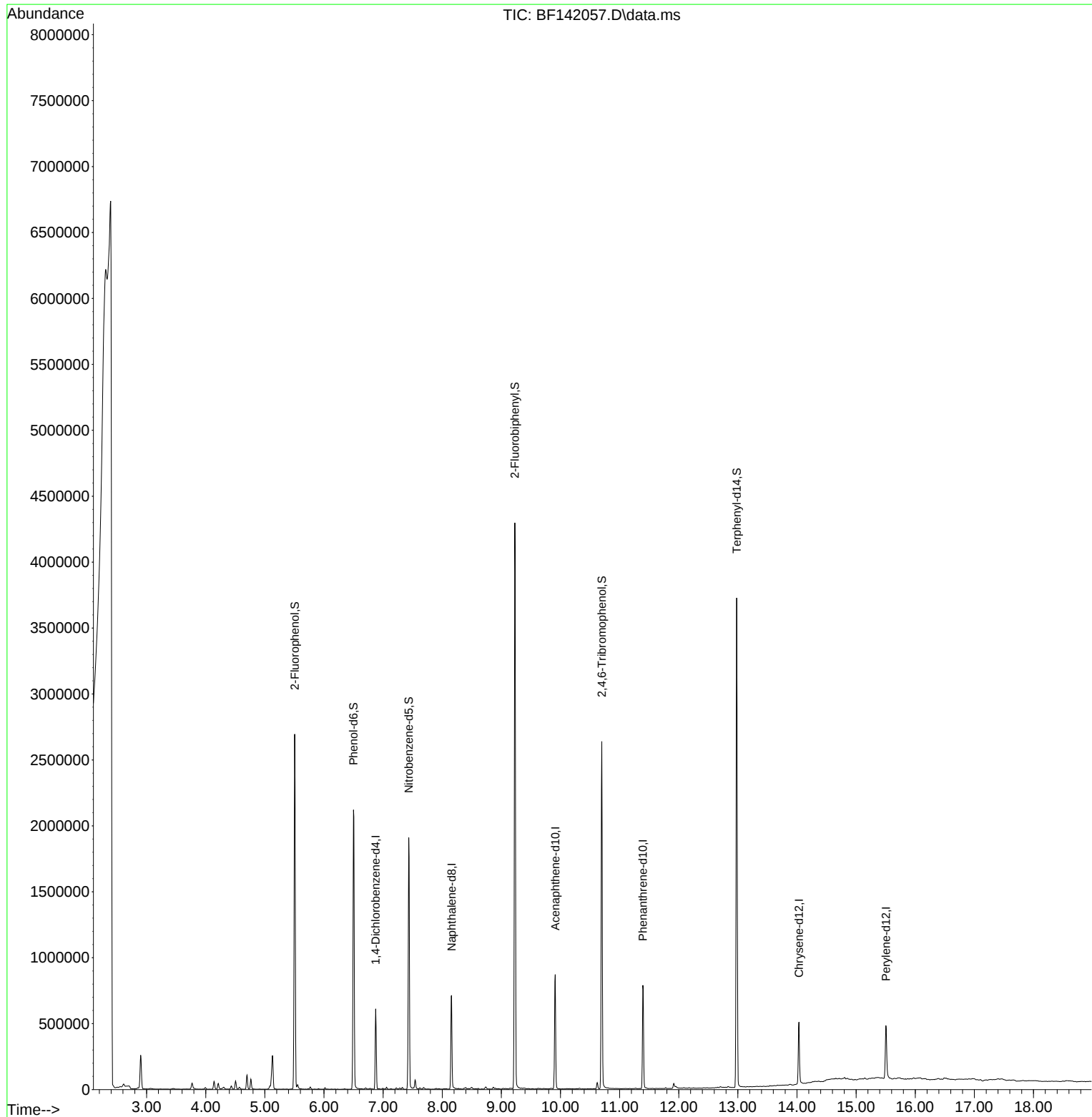
Target Compounds Qvalue

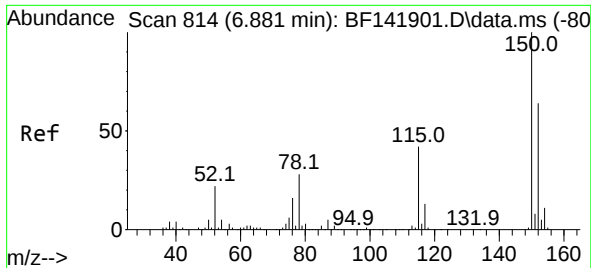
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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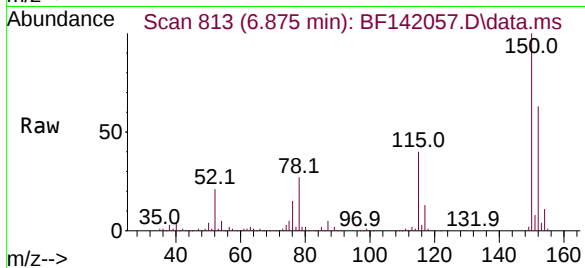
Quant Time: Mar 24 17:13:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
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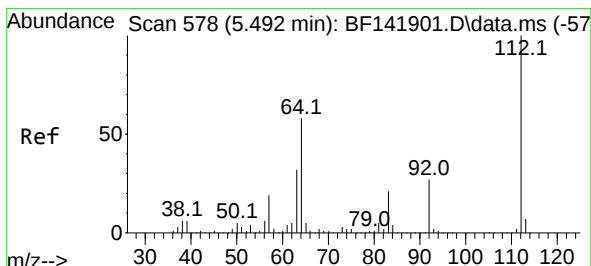
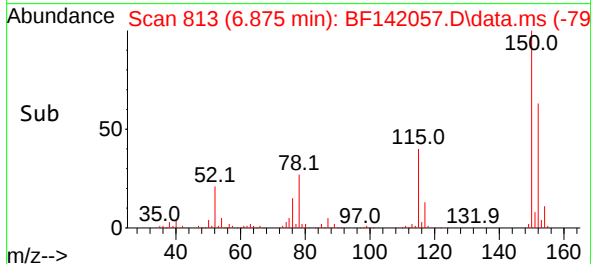
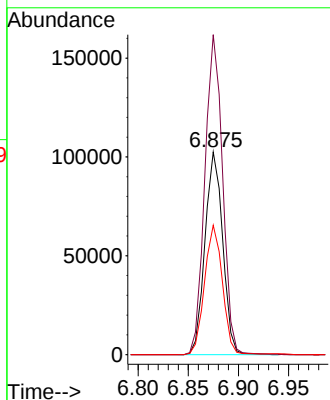


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142057.D
Acq: 24 Mar 2025 16:24

Instrument :
BNA_F
ClientSampleId :
RBR251346

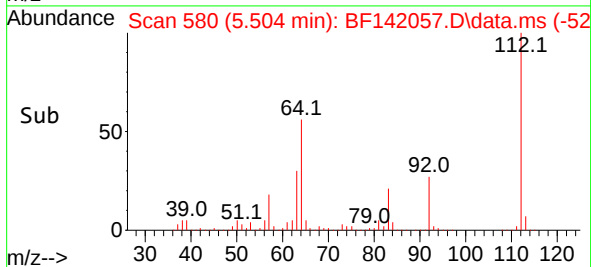
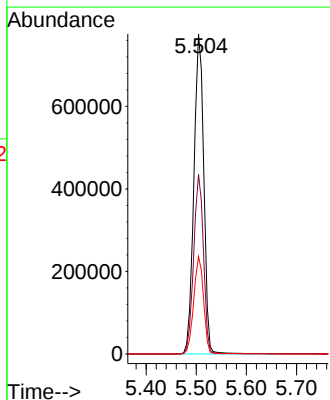
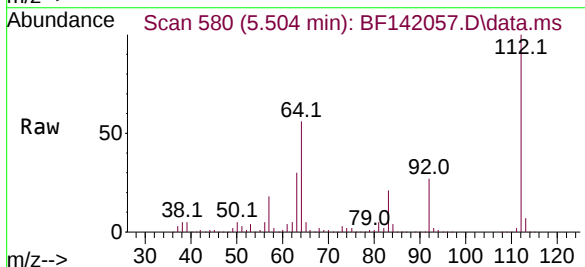


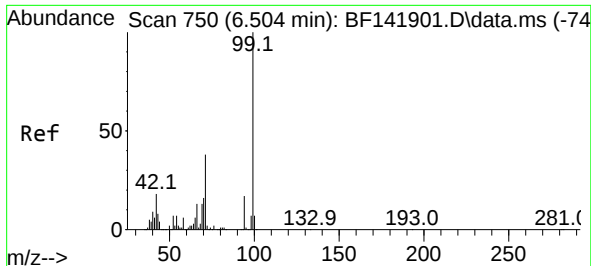
Tgt Ion:152 Resp: 125920
Ion Ratio Lower Upper
152 100
150 157.9 127.4 191.2
115 63.8 51.9 77.9



#5
2-Fluorophenol
Concen: 140.759 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142057.D
Acq: 24 Mar 2025 16:24

Tgt Ion:112 Resp: 1061999
Ion Ratio Lower Upper
112 100
64 56.1 46.5 69.7
63 30.4 25.4 38.2

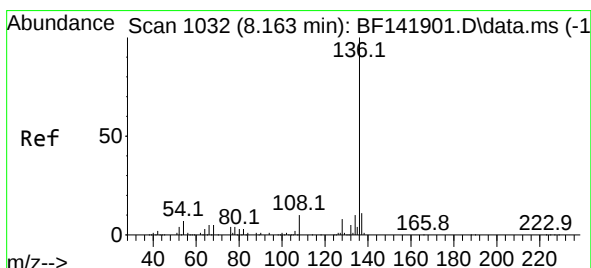
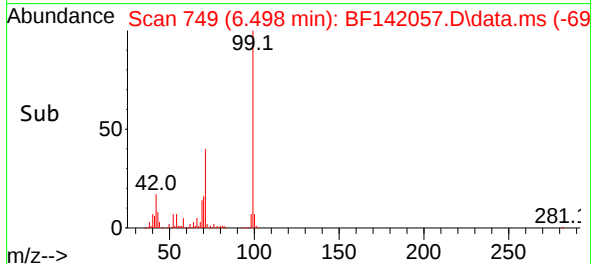
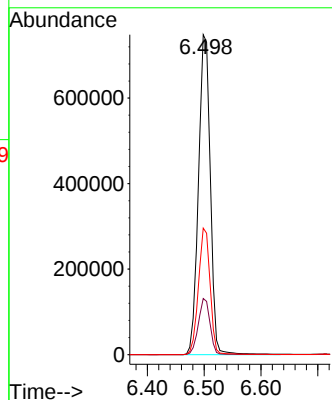
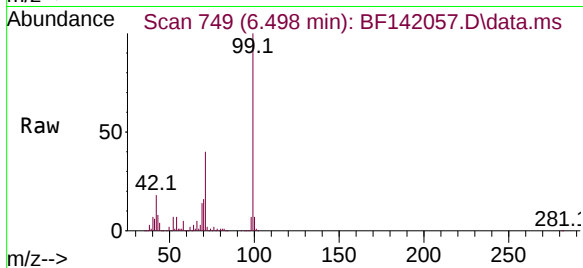




#7
Phenol-d6
Concen: 112.381 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142057.D
Acq: 24 Mar 2025 16:24

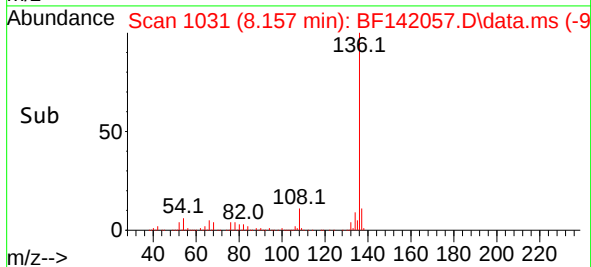
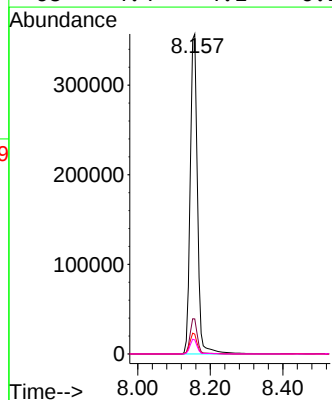
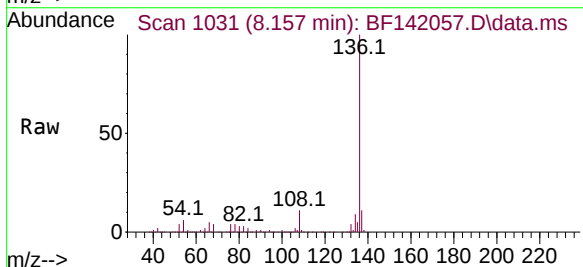
Instrument :
BNA_F
ClientSampleId :
RBR251346

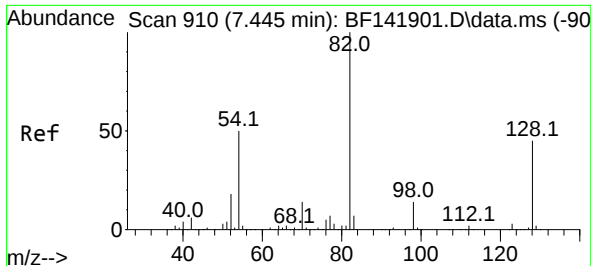
Tgt Ion: 99 Resp: 1079557
Ion Ratio Lower Upper
99 100
42 17.5 14.6 21.8
71 39.6 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142057.D
Acq: 24 Mar 2025 16:24

Tgt Ion:136 Resp: 495487
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.2 5.8 8.8
68 4.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 102.367 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142057.D

Acq: 24 Mar 2025 16:24

Instrument :

BNA_F

ClientSampleId :

RBR251346

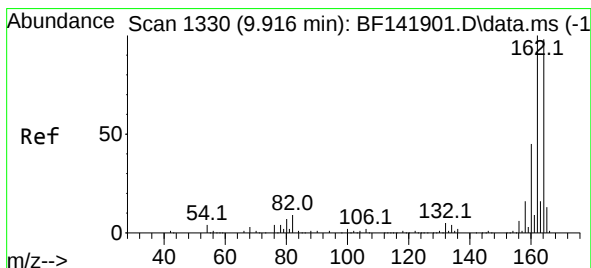
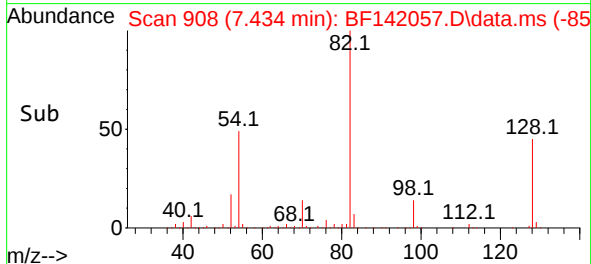
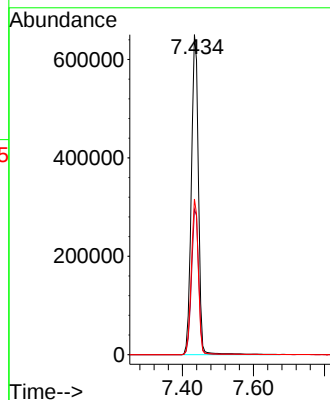
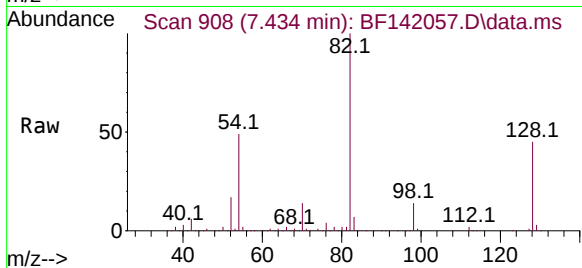
Tgt Ion: 82 Resp: 901304

Ion Ratio Lower Upper

82 100

128 45.4 36.0 54.0

54 48.6 39.6 59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF142057.D

Acq: 24 Mar 2025 16:24

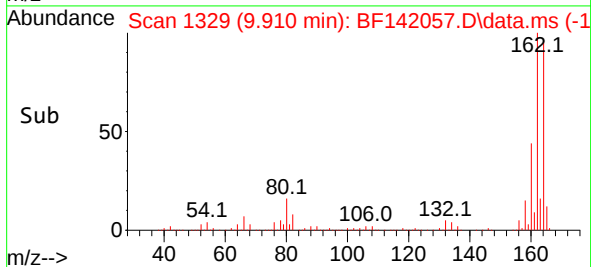
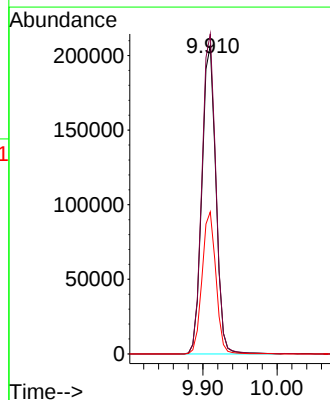
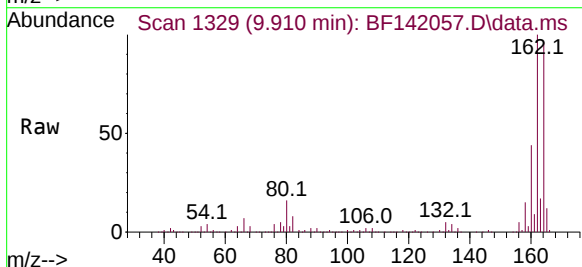
Tgt Ion:164 Resp: 269879

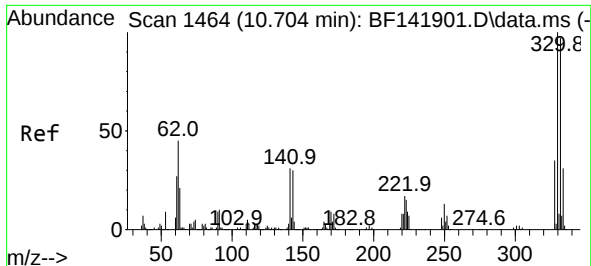
Ion Ratio Lower Upper

164 100

162 103.7 81.8 122.6

160 46.0 36.7 55.1

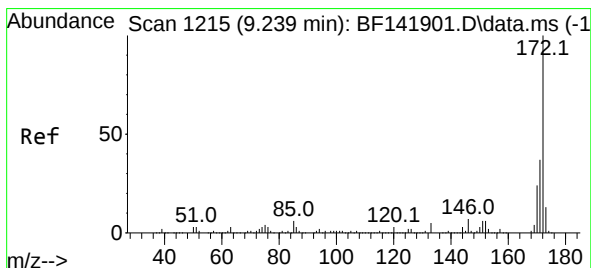
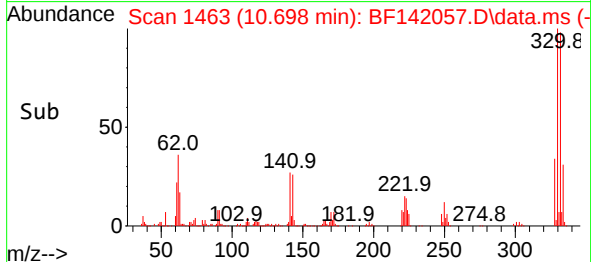
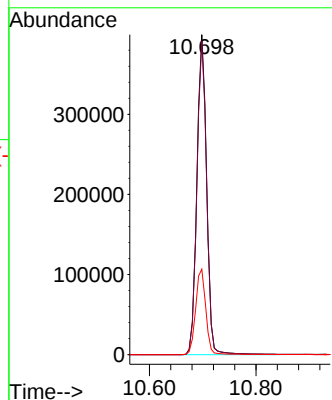
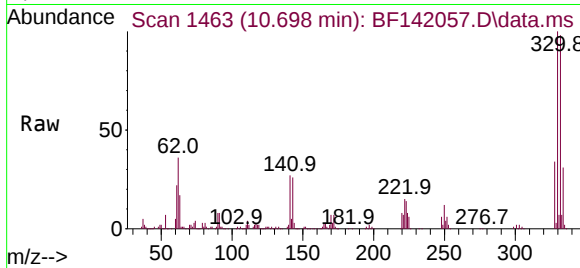




#42
 2,4,6-Tribromophenol
 Concen: 148.086 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF142057.D
 Acq: 24 Mar 2025 16:24

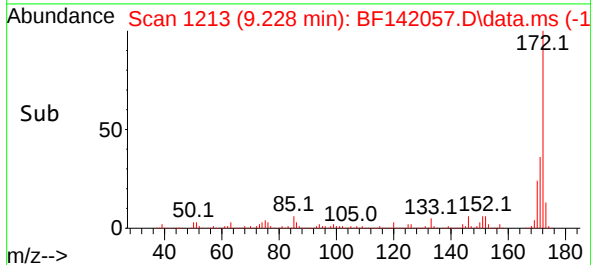
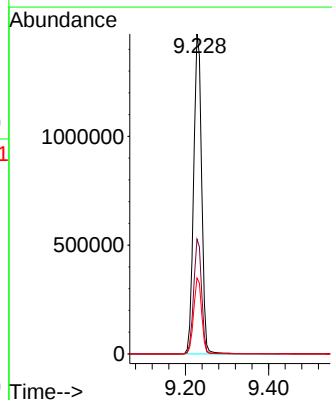
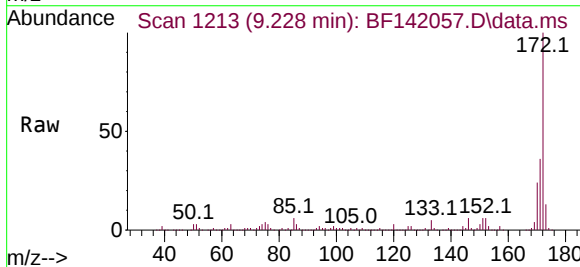
Instrument :
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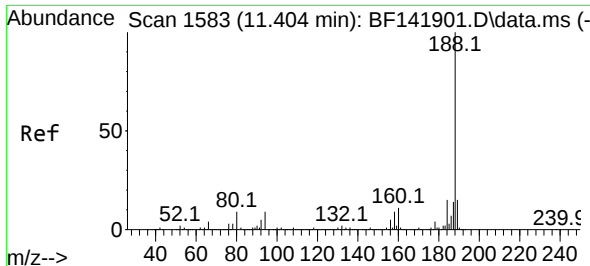
Tgt Ion:330 Resp: 507014
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.6 116.4
 141 27.9 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 110.476 ng
 RT: 9.228 min Scan# 1213
 Delta R.T. -0.012 min
 Lab File: BF142057.D
 Acq: 24 Mar 2025 16:24

Tgt Ion:172 Resp: 1960471
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.3 43.9
 170 23.7 19.4 29.0

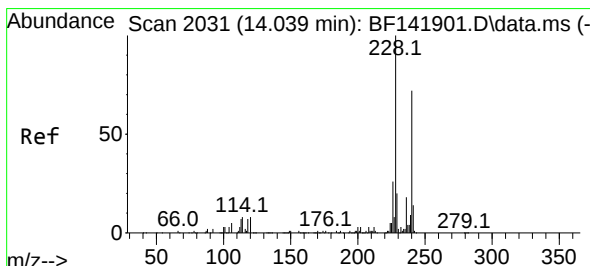
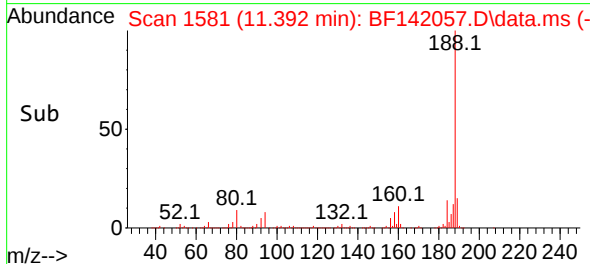
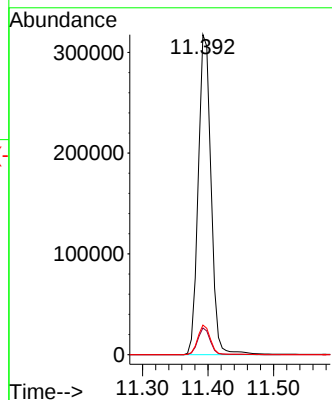
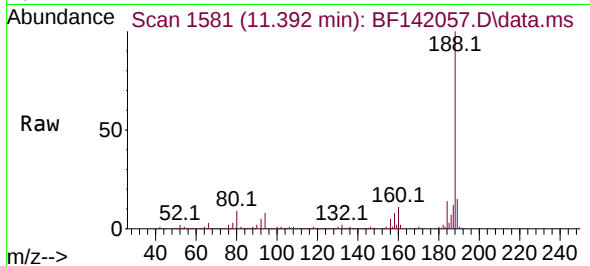




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142057.D
Acq: 24 Mar 2025 16:24

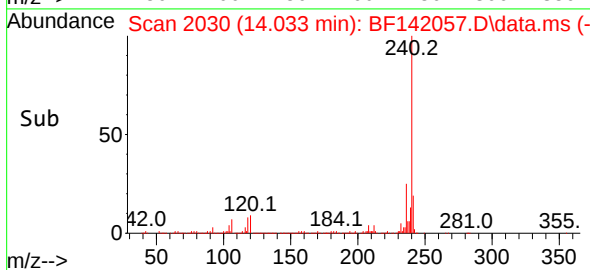
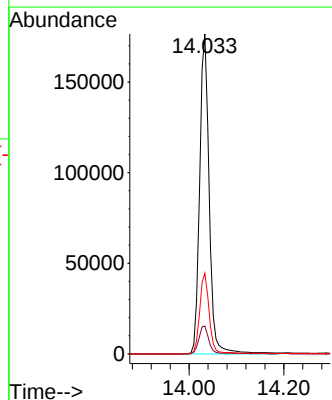
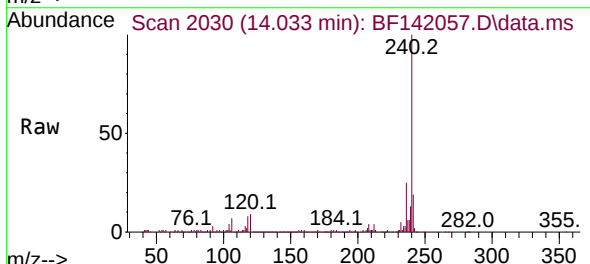
Instrument :
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RBR251346

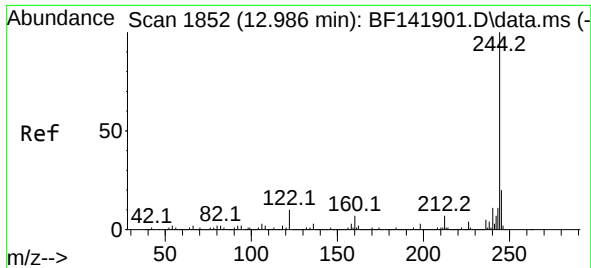
Tgt Ion:188 Resp: 428465
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 9.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142057.D
Acq: 24 Mar 2025 16:24

Tgt Ion:240 Resp: 247462
Ion Ratio Lower Upper
240 100
120 8.7 8.4 12.6
236 25.2 20.5 30.7

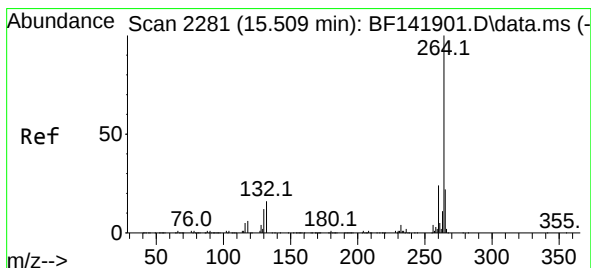
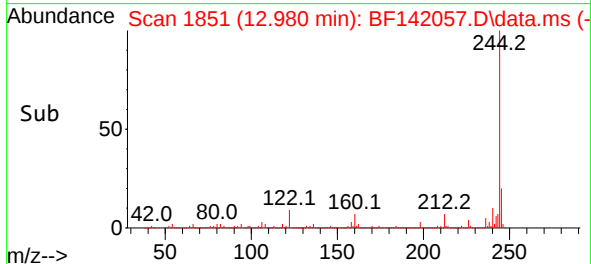
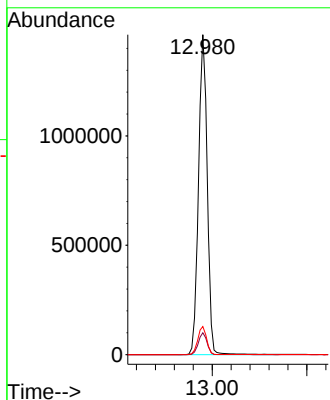
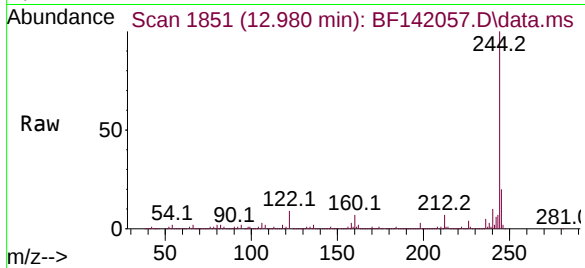




#79
 Terphenyl-d14
 Concen: 111.895 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142057.D
 Acq: 24 Mar 2025 16:24

Instrument :
 BNA_F
 ClientSampleId :
 RBR251346

Tgt Ion:244 Resp: 1872889
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 8.8 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. -0.006 min
 Lab File: BF142057.D
 Acq: 24 Mar 2025 16:24

Tgt Ion:264 Resp: 271187
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.5 17.5 26.3

