

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
 Data File : BF142972.D
 Acq On : 02 Jul 2025 15:47
 Operator : RC/JU
 Sample : Q2452-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-2

Quant Time: Jul 02 16:12:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	53635	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	201811	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	111172	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	192487	20.000	ng	0.00
76) Chrysene-d12	14.045	240	111458	20.000	ng	-0.01
86) Perylene-d12	15.539	264	108899	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	373890	116.062	ng	0.00
7) Phenol-d6	6.504	99	419762	110.443	ng	0.00
23) Nitrobenzene-d5	7.434	82	289698	78.738	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	151763	132.656	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	640480	75.683	ng	-0.01
79) Terphenyl-d14	12.992	244	661126	81.957	ng	0.00

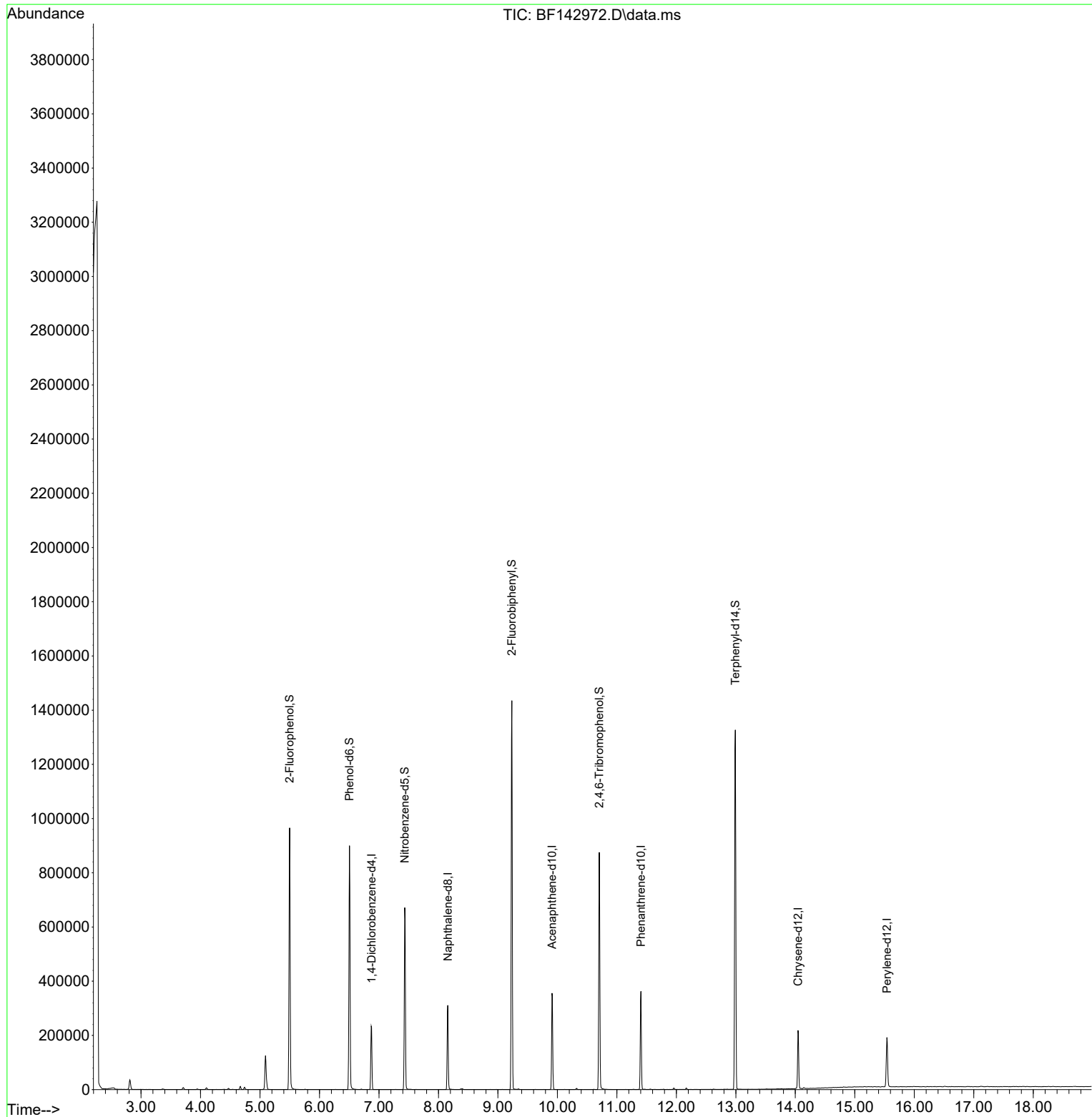
Target Compounds	Qvalue

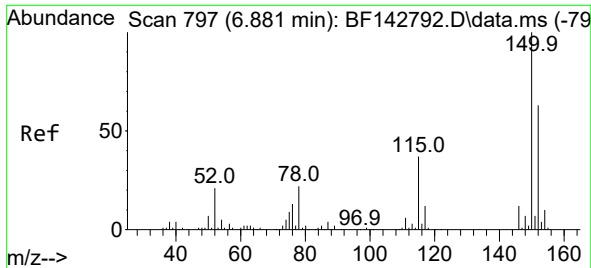
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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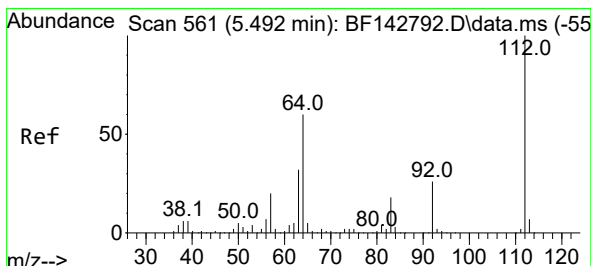
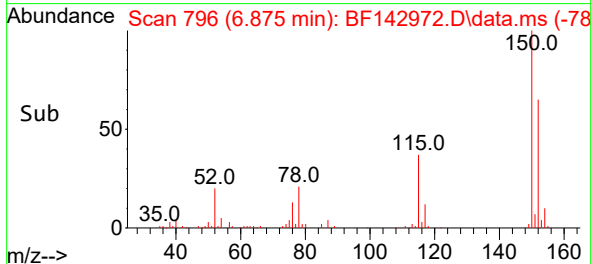
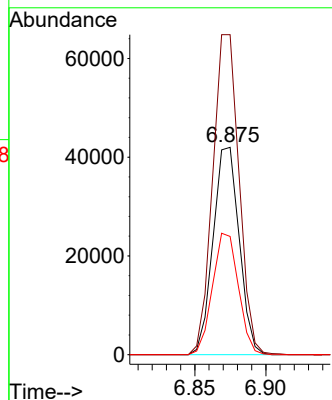
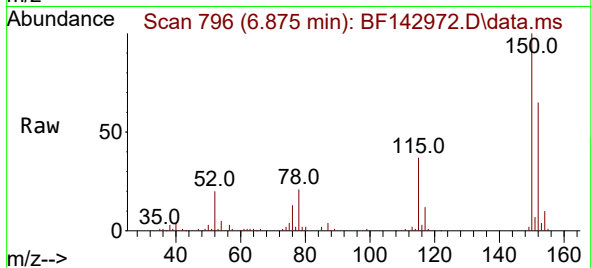




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142972.D
 Acq: 02 Jul 2025 15:47

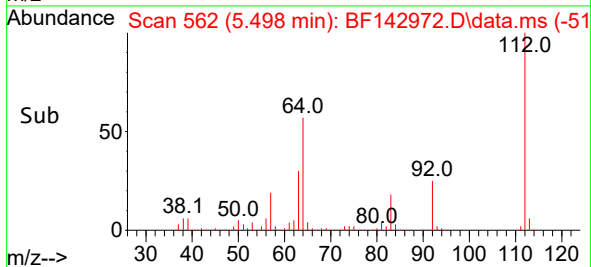
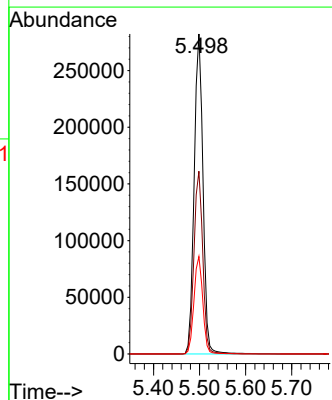
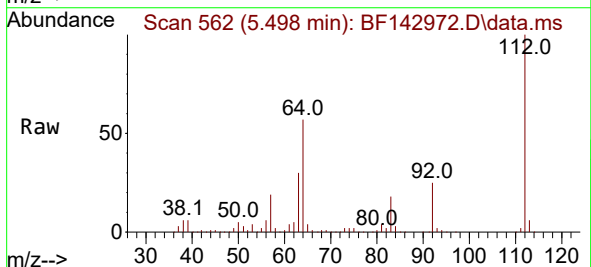
Instrument :
 BNA_F
 ClientSampleId :
 EP-2

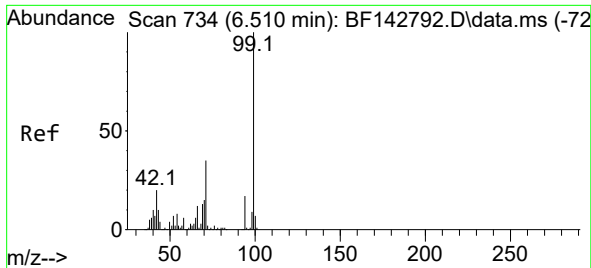
Tgt Ion:152 Resp: 53635
 Ion Ratio Lower Upper
 152 100
 150 154.2 127.2 190.8
 115 57.0 46.6 69.8



#5
 2-Fluorophenol
 Concen: 116.062 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF142972.D
 Acq: 02 Jul 2025 15:47

Tgt Ion:112 Resp: 373890
 Ion Ratio Lower Upper
 112 100
 64 57.1 48.2 72.2
 63 30.5 25.7 38.5

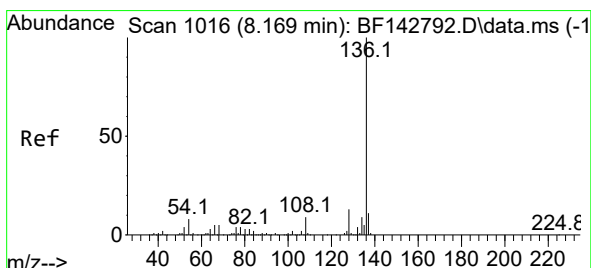
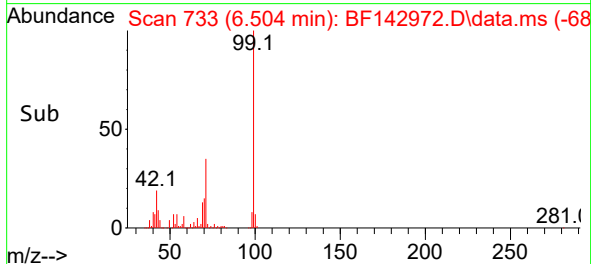
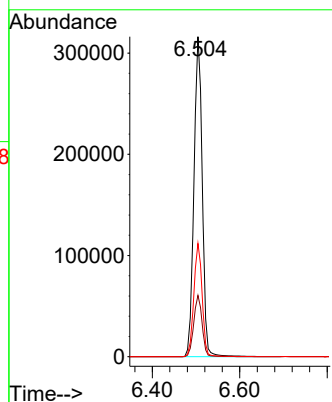
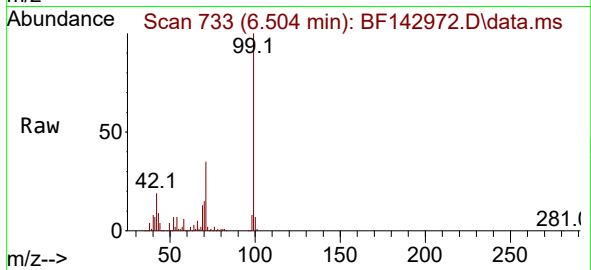




#7
Phenol-d6
Concen: 110.443 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142972.D
Acq: 02 Jul 2025 15:47

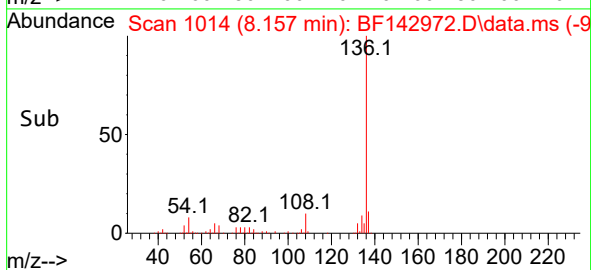
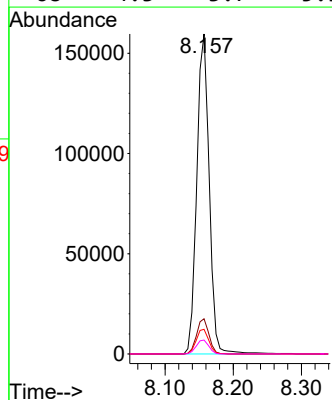
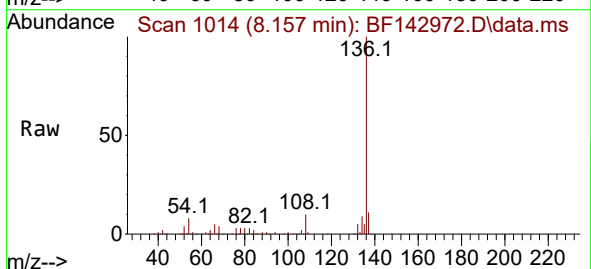
Instrument :
BNA_F
ClientSampleId :
EP-2

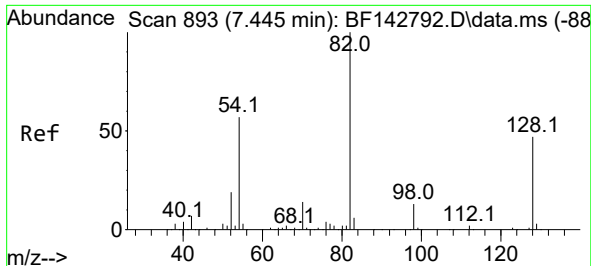
Tgt Ion: 99 Resp: 419762
Ion Ratio Lower Upper
99 100
42 19.1 15.9 23.9
71 35.4 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142972.D
Acq: 02 Jul 2025 15:47

Tgt Ion: 136 Resp: 201811
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.7 6.3 9.5
68 4.3 3.7 5.5





#23

Nitrobenzene-d5

Concen: 78.738 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.011 min

Lab File: BF142972.D

Acq: 02 Jul 2025 15:47

Instrument :

BNA_F

ClientSampleId :

EP-2

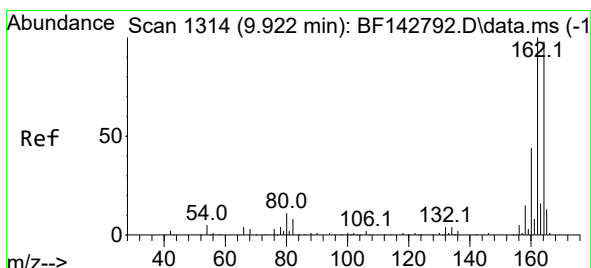
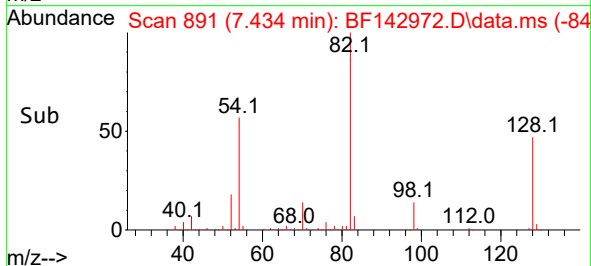
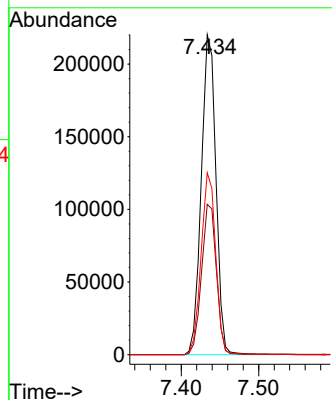
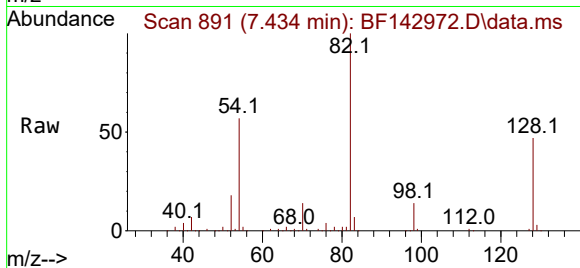
Tgt Ion: 82 Resp: 289698

Ion Ratio Lower Upper

82 100

128 47.0 37.7 56.5

54 56.9 45.7 68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1312

Delta R.T. -0.012 min

Lab File: BF142972.D

Acq: 02 Jul 2025 15:47

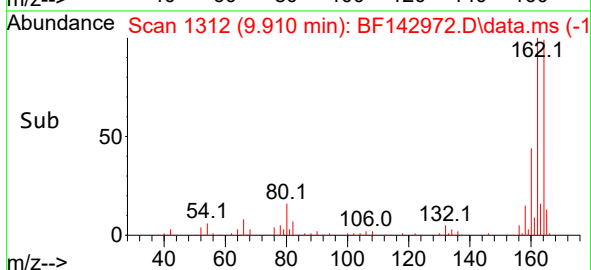
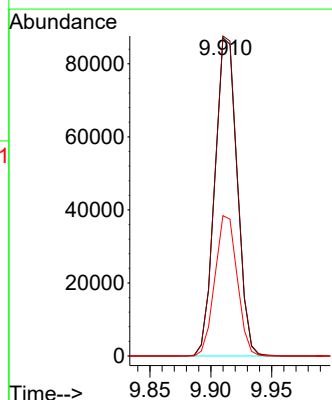
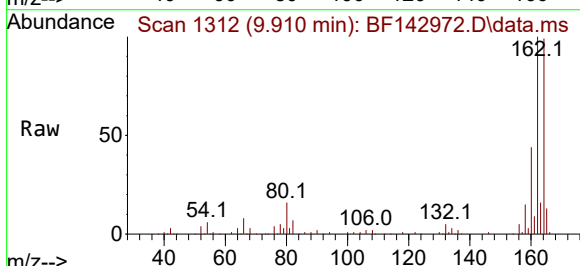
Tgt Ion: 164 Resp: 111172

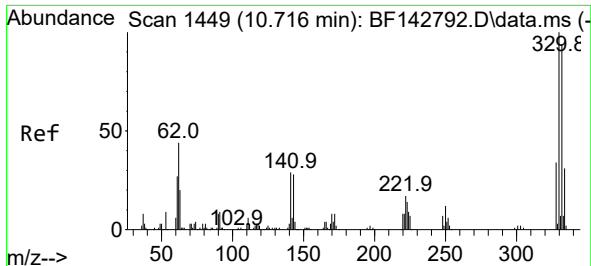
Ion Ratio Lower Upper

164 100

162 100.6 81.8 122.8

160 44.1 36.0 54.0

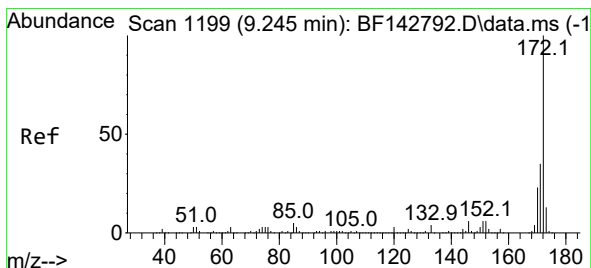
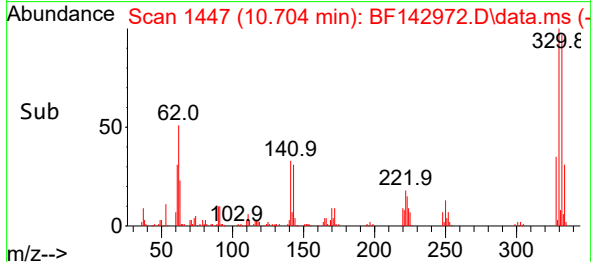
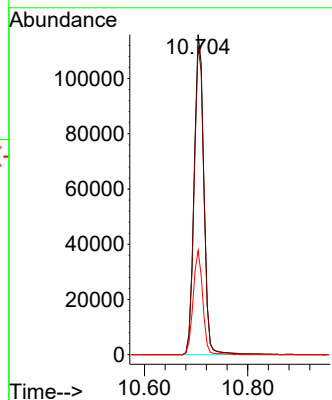
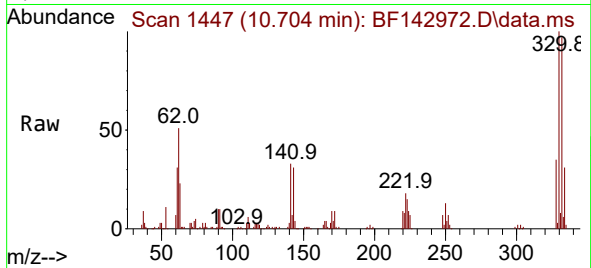




#42
 2,4,6-Tribromophenol
 Concen: 132.656 ng
 RT: 10.704 min Scan# 1447
 Delta R.T. -0.012 min
 Lab File: BF142972.D
 Acq: 02 Jul 2025 15:47

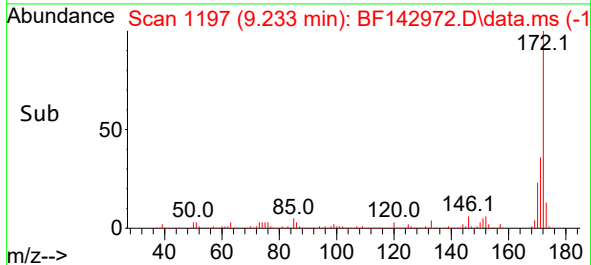
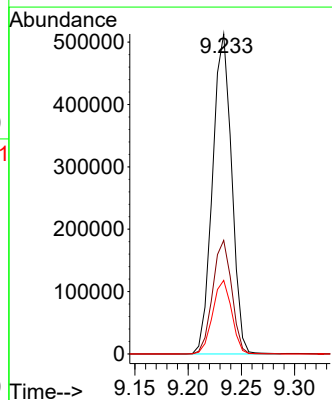
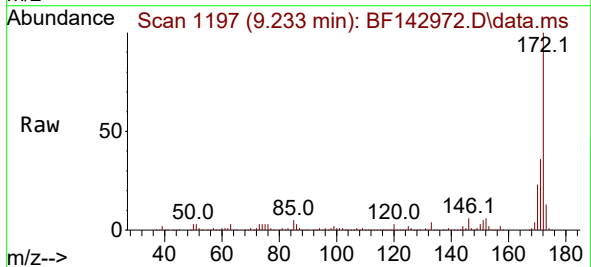
Instrument :
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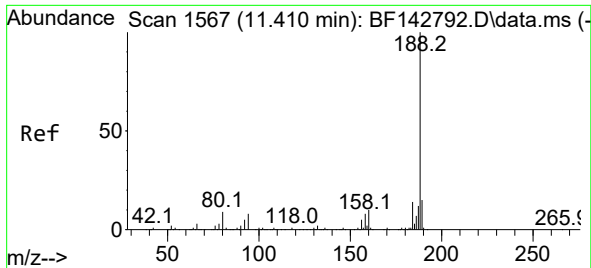
Tgt Ion:330 Resp: 151763
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.0 112.6
 141 31.9 25.3 37.9



#45
 2-Fluorobiphenyl
 Concen: 75.683 ng
 RT: 9.233 min Scan# 1197
 Delta R.T. -0.012 min
 Lab File: BF142972.D
 Acq: 02 Jul 2025 15:47

Tgt Ion:172 Resp: 640480
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.2 42.4
 170 23.0 18.5 27.7

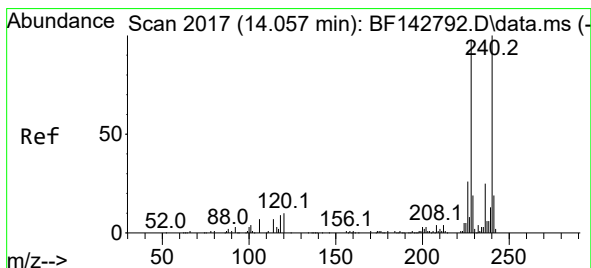
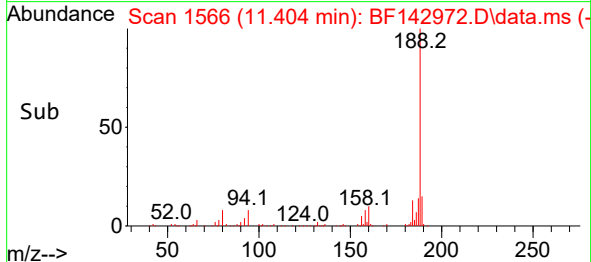
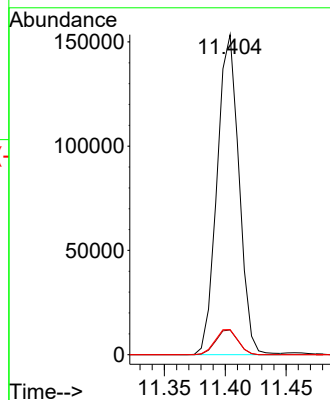
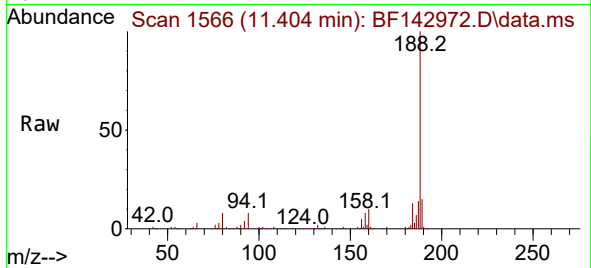




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142972.D
Acq: 02 Jul 2025 15:47

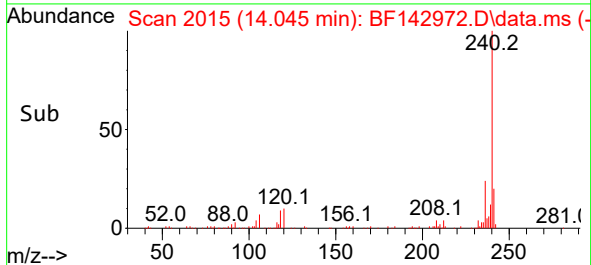
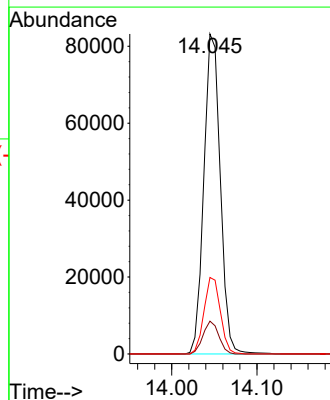
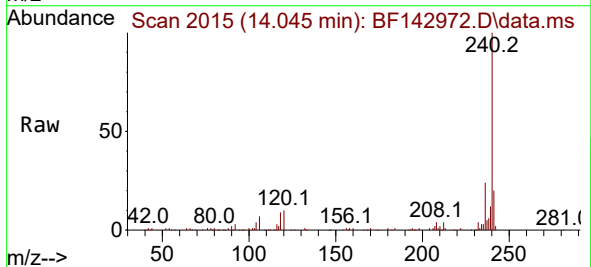
Instrument :
BNA_F
ClientSampleId :
EP-2

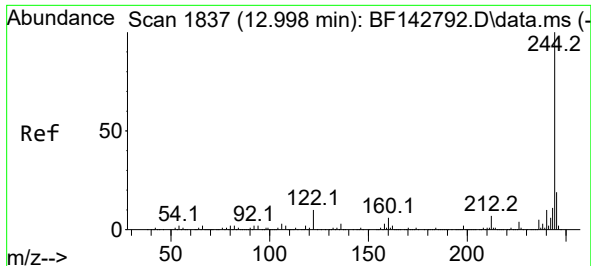
Tgt Ion:188 Resp: 192487
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 7.9 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF142972.D
Acq: 02 Jul 2025 15:47

Tgt Ion:240 Resp: 111458
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.2
236 23.9 19.8 29.8

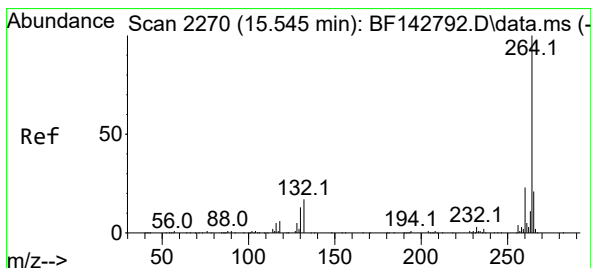
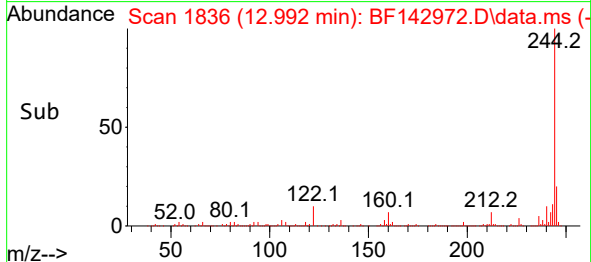
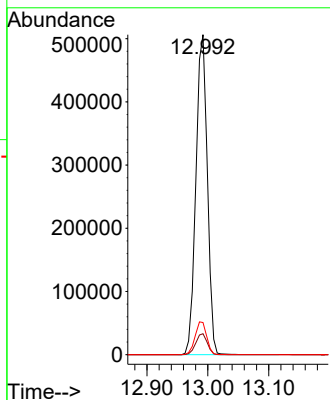
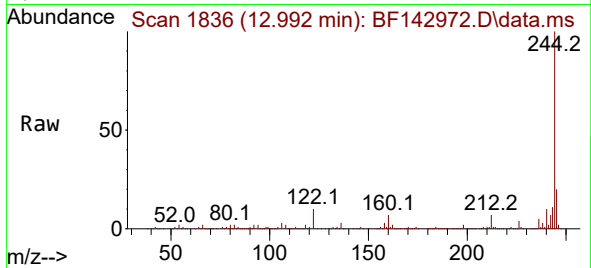




#79
 Terphenyl-d14
 Concen: 81.957 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142972.D
 Acq: 02 Jul 2025 15:47

Instrument :
 BNA_F
 ClientSampleId :
 EP-2

Tgt Ion:244 Resp: 661126
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.1 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF142972.D
 Acq: 02 Jul 2025 15:47

Tgt Ion:264 Resp: 108899
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.1 27.1
 265 21.1 16.6 25.0

