

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142657.D
 Acq On : 06 Jun 2025 20:32
 Operator : RC/JU
 Sample : Q2208-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-703-COMP-06

Quant Time: Jun 06 22:57:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	127076	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	474487	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	257357	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	392042	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	234609	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	276637	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	535429	70.986	ng	0.00
7) Phenol-d6	6.516	99	719127	79.202	ng	-0.02
23) Nitrobenzene-d5	7.451	82	351620	40.409	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	213172	74.631	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	701987	36.602	ng	-0.02
79) Terphenyl-d14	13.004	244	664651	38.714	ng	-0.01

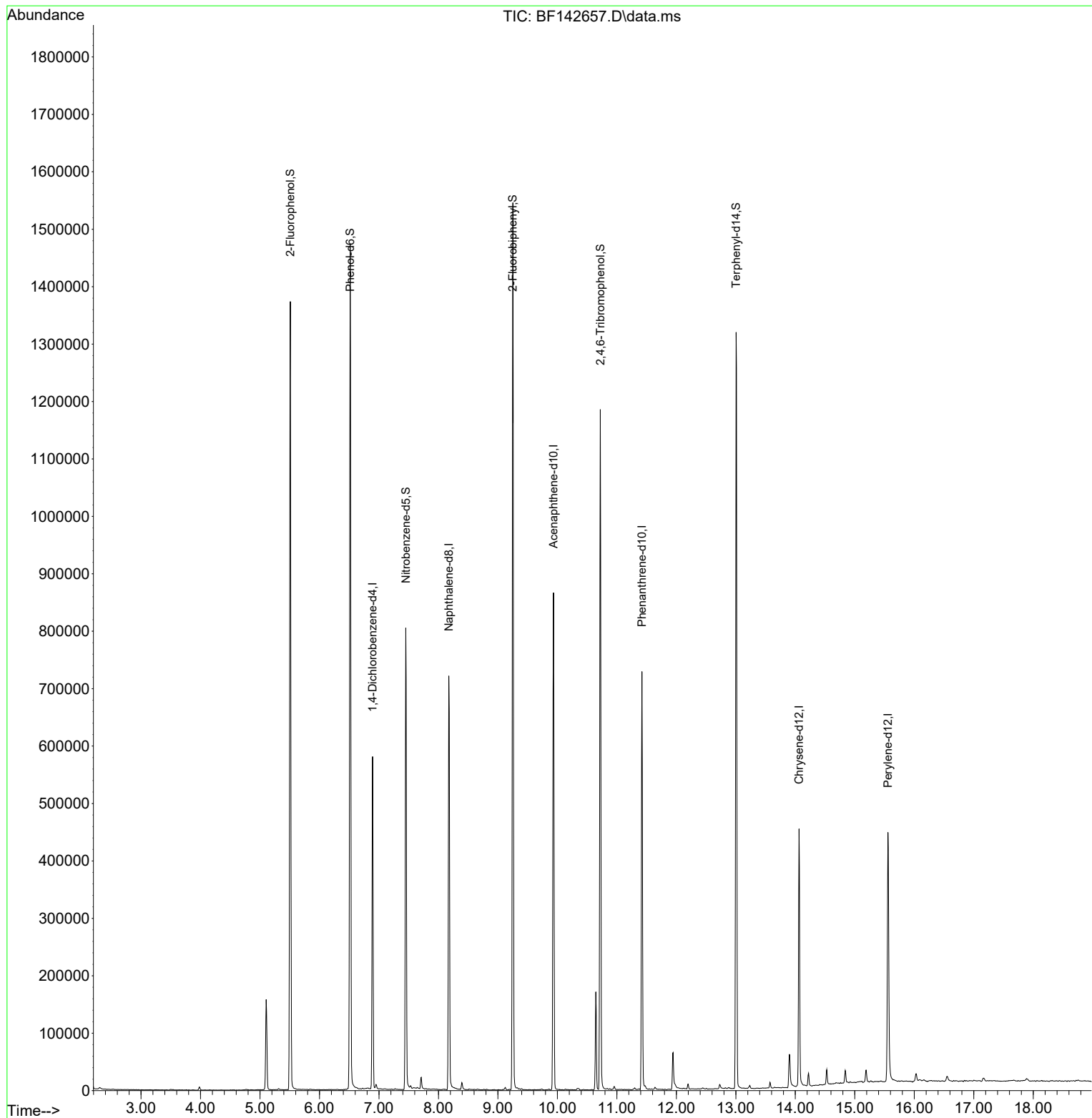
Target Compounds	Qvalue

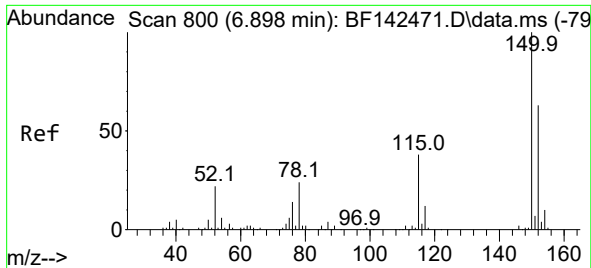
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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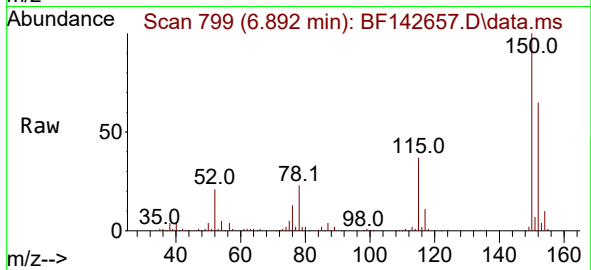
Quant Time: Jun 06 22:57:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
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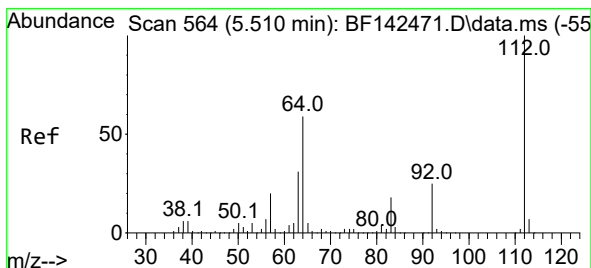
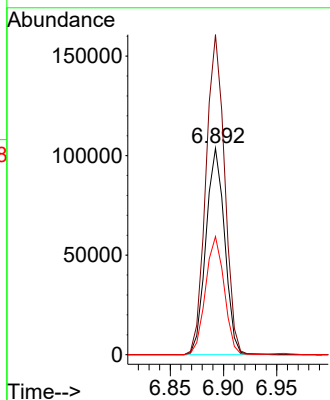
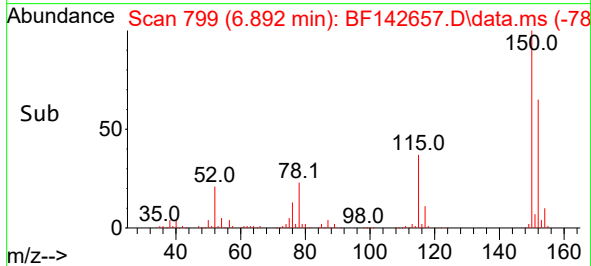


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF142657.D
Acq: 06 Jun 2025 20:32

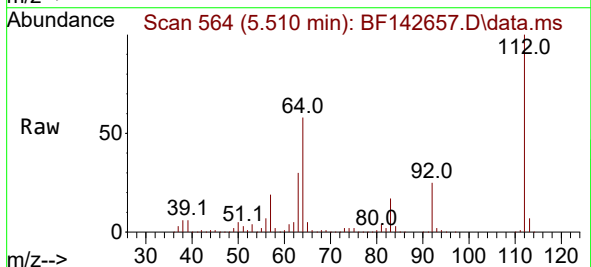
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-06



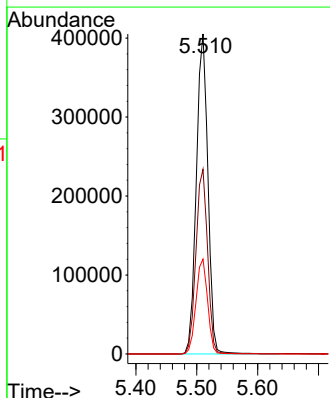
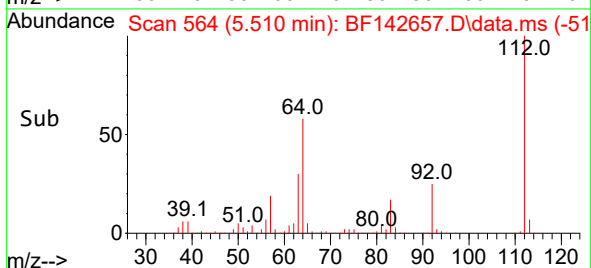
Tgt Ion:152 Resp: 127076
Ion Ratio Lower Upper
152 100
150 155.0 128.2 192.4
115 57.2 48.3 72.5

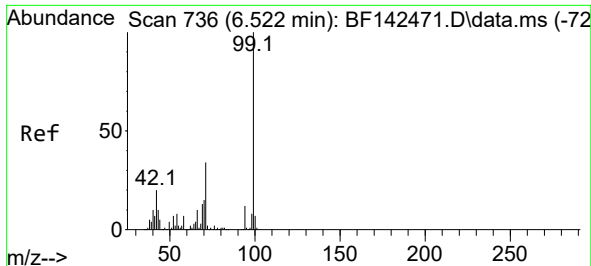


#5
2-Fluorophenol
Concen: 70.986 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142657.D
Acq: 06 Jun 2025 20:32



Tgt Ion:112 Resp: 535429
Ion Ratio Lower Upper
112 100
64 57.7 47.5 71.3
63 29.7 24.9 37.3

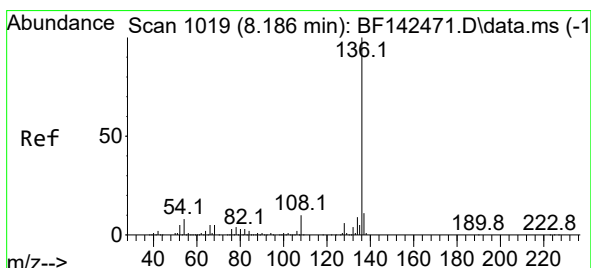
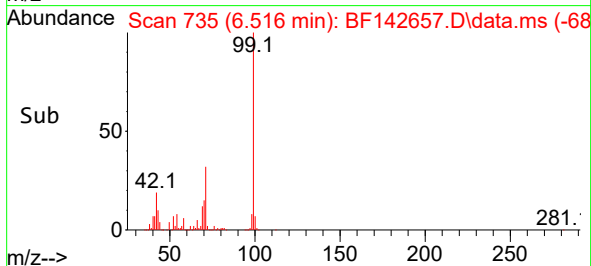
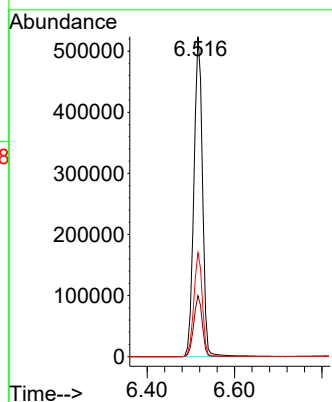
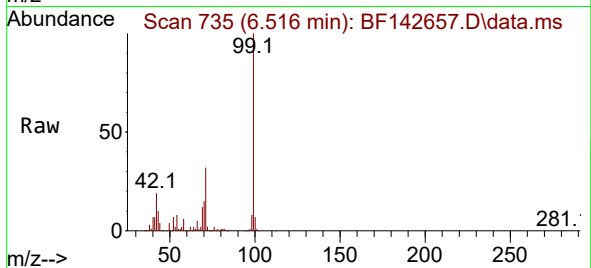




#7
Phenol-d6
Concen: 79.202 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142657.D
Acq: 06 Jun 2025 20:32

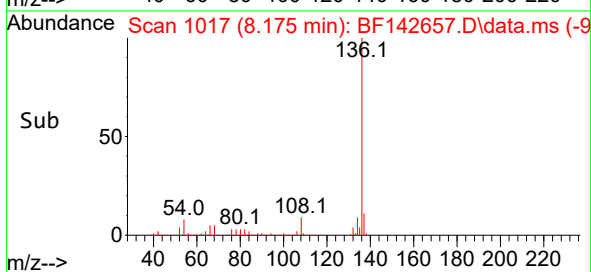
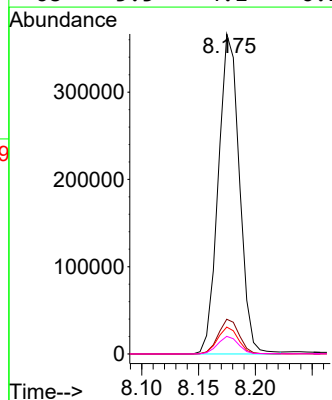
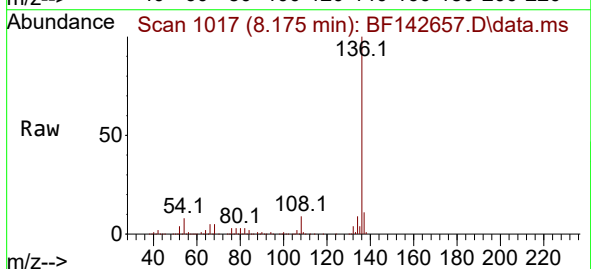
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-06

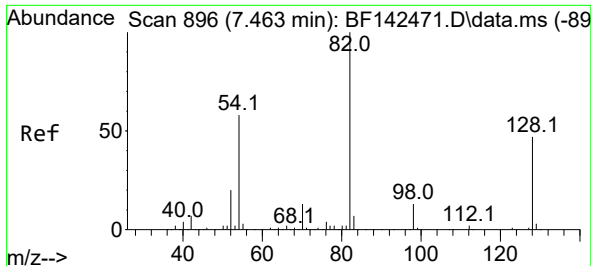
Tgt Ion: 99 Resp: 719127
Ion Ratio Lower Upper
99 100
42 19.1 16.2 24.2
71 32.4 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF142657.D
Acq: 06 Jun 2025 20:32

Tgt Ion: 136 Resp: 474487
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 6.6 10.0
68 5.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 40.409 ng

RT: 7.451 min Scan# 89

Delta R.T. -0.023 min

Lab File: BF142657.D

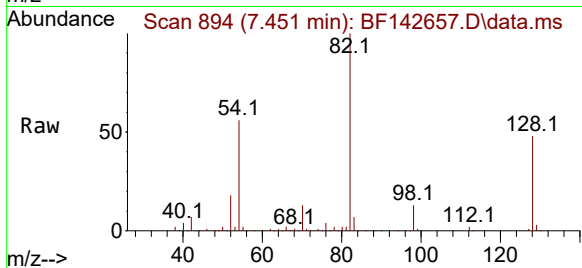
Acq: 06 Jun 2025 20:32

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-06



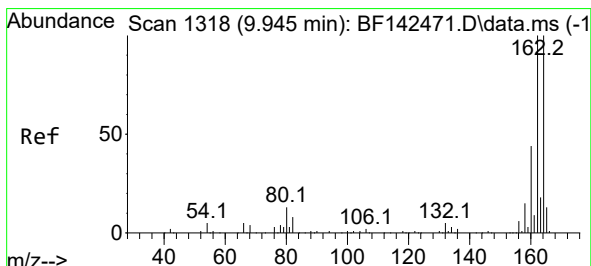
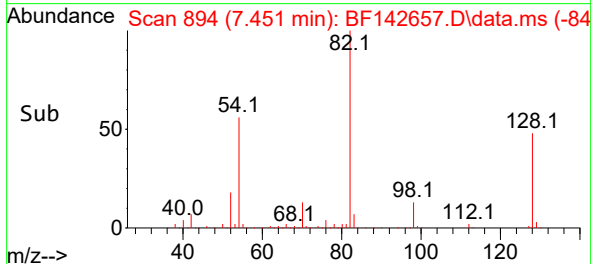
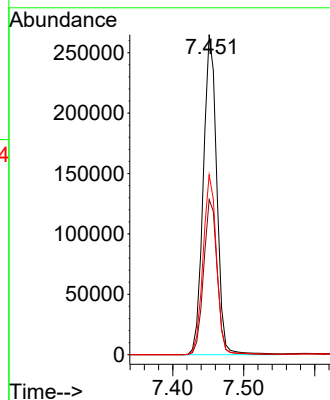
Tgt Ion: 82 Resp: 351620

Ion	Ratio	Lower	Upper
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82	100		
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128	48.4	37.4	56.2
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54	56.2	46.6	70.0
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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142657.D

Acq: 06 Jun 2025 20:32

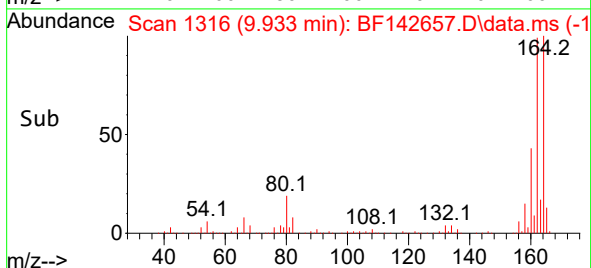
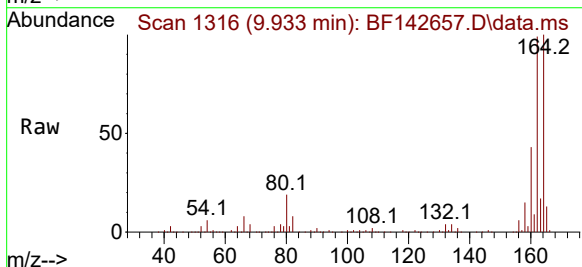
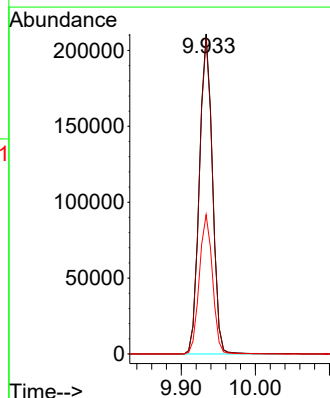
Tgt Ion: 164 Resp: 257357

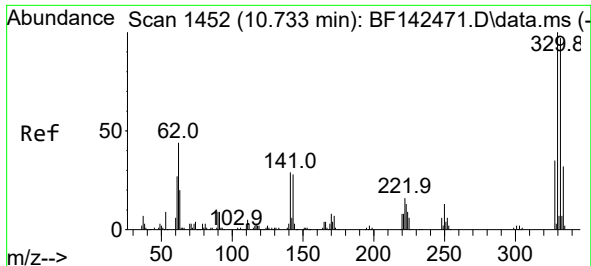
Ion	Ratio	Lower	Upper
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164	100		
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162	98.5	80.2	120.4
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160	43.5	35.6	53.4
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#42

2,4,6-Tribromophenol

Concen: 74.631 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.018 min

Lab File: BF142657.D

Acq: 06 Jun 2025 20:32

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-06

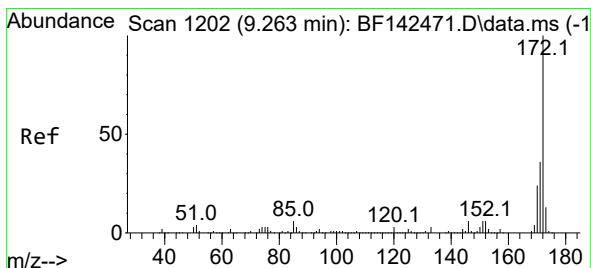
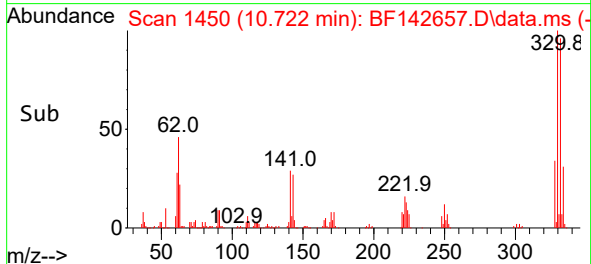
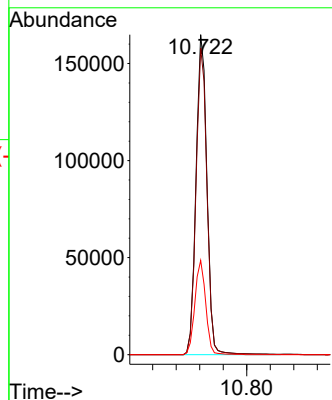
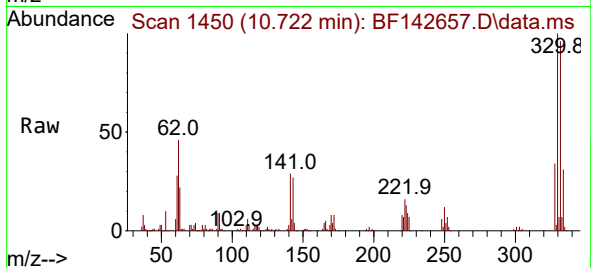
Tgt Ion:330 Resp: 213172

Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

141 29.3 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 36.602 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.018 min

Lab File: BF142657.D

Acq: 06 Jun 2025 20:32

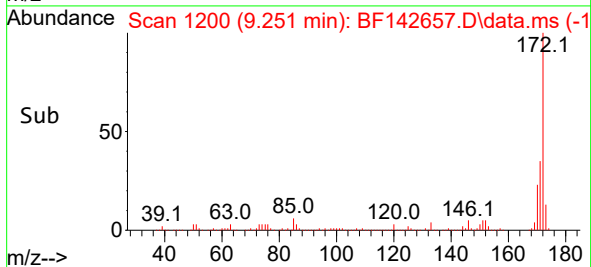
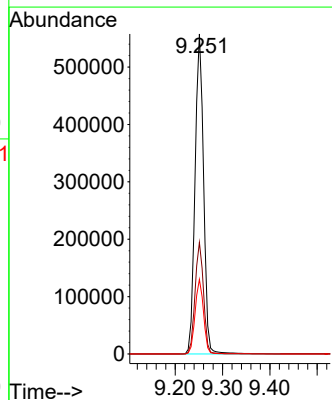
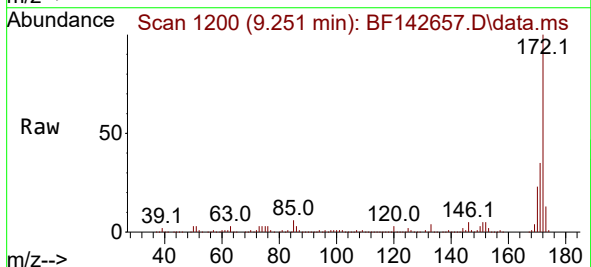
Tgt Ion:172 Resp: 701987

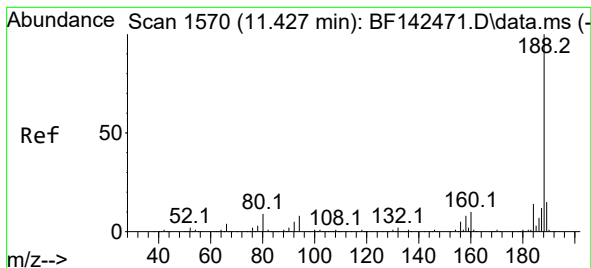
Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142657.D

Acq: 06 Jun 2025 20:32

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-06

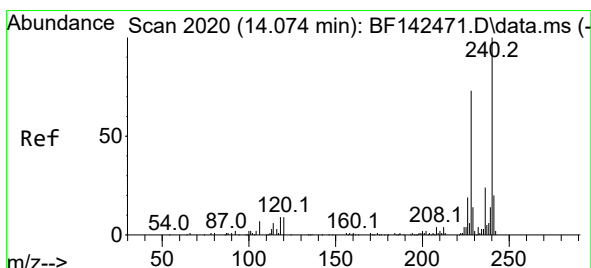
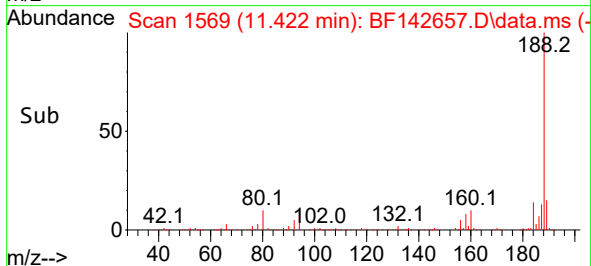
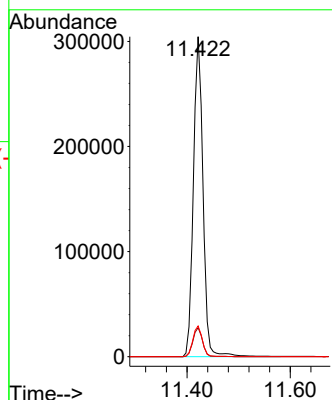
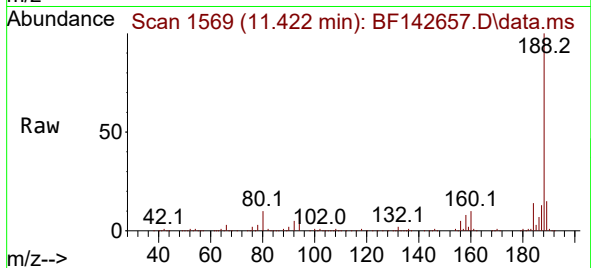
Tgt Ion:188 Resp: 392042

Ion Ratio Lower Upper

188 100

94 9.1 6.6 10.0

80 9.6 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF142657.D

Acq: 06 Jun 2025 20:32

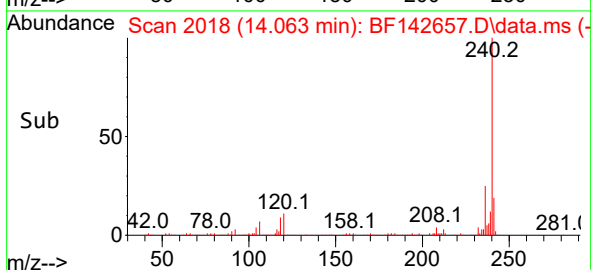
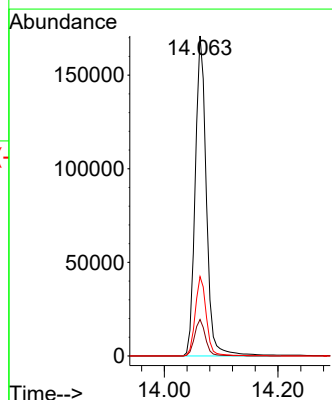
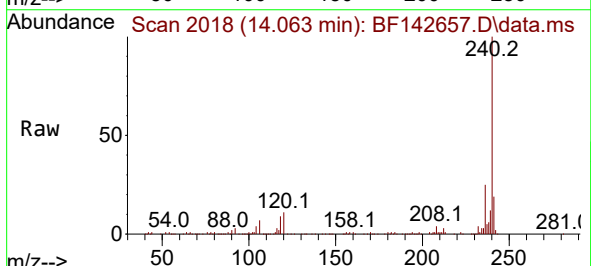
Tgt Ion:240 Resp: 234609

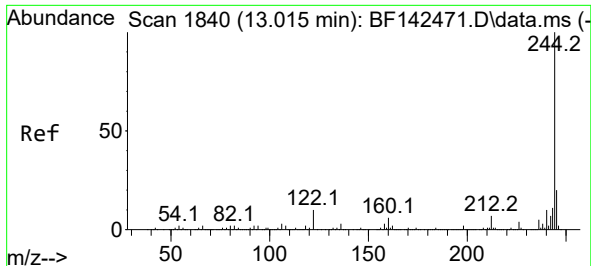
Ion Ratio Lower Upper

240 100

120 11.4 7.5 11.3#

236 24.8 19.6 29.4

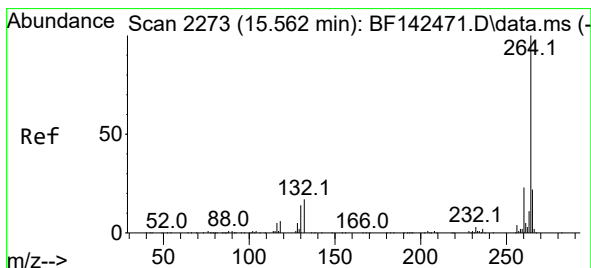
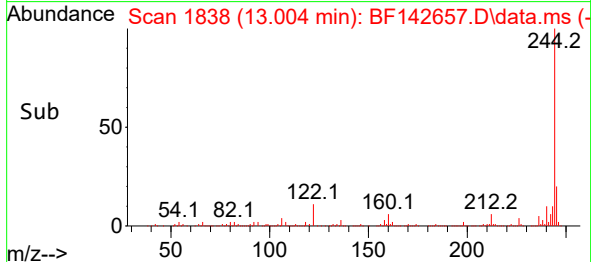
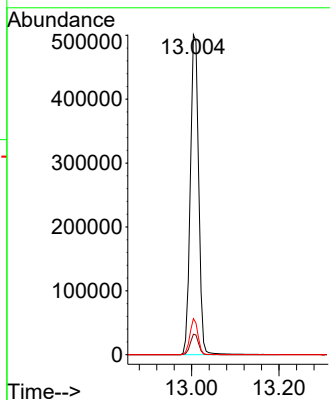
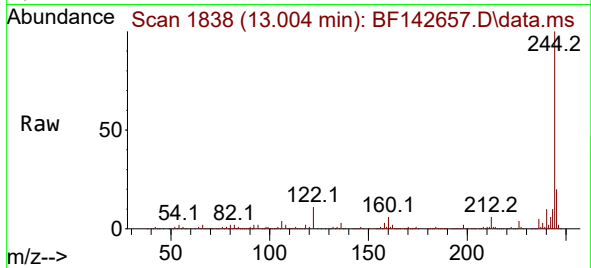




#79
 Terphenyl-d14
 Concen: 38.714 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF142657.D
 Acq: 06 Jun 2025 20:32

Instrument :
 BNA_F
 ClientSampleId :
 BU-703-COMP-06

Tgt Ion:244 Resp: 664651
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 11.3 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF142657.D
 Acq: 06 Jun 2025 20:32

Tgt Ion:264 Resp: 276637
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.3 17.7 26.5

