

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142670.D
 Acq On : 07 Jun 2025 04:38
 Operator : RC/JU
 Sample : Q2176-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-25

Quant Time: Jun 07 05:51:30 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	130354	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	491772	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	246899	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	346053	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	255092	20.000	ng	-0.01
86) Perylene-d12	15.557	264	288040	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	631600	81.631	ng	0.00
7) Phenol-d6	6.516	99	775710	83.286	ng	-0.02
23) Nitrobenzene-d5	7.451	82	466738	51.753	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	203434	74.239	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	1043520	56.714	ng	-0.02
79) Terphenyl-d14	13.004	244	744772	39.898	ng	-0.01

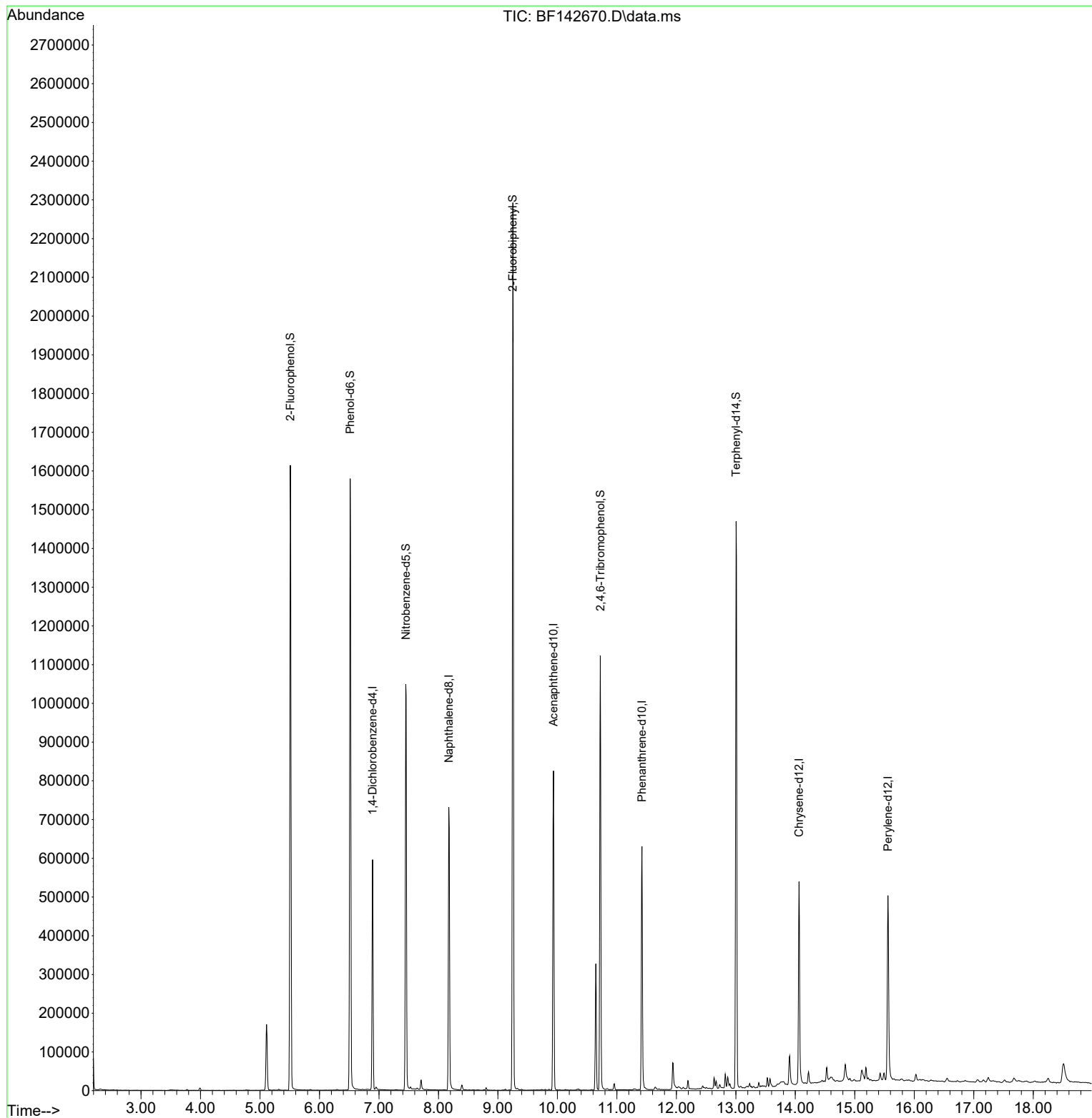
Target Compounds	Qvalue

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

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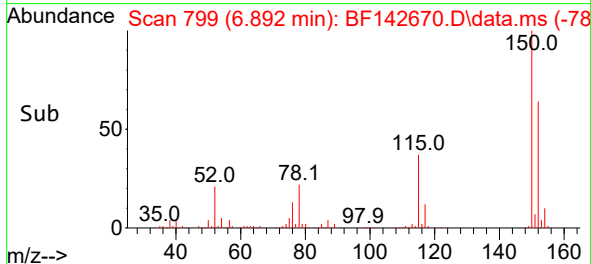
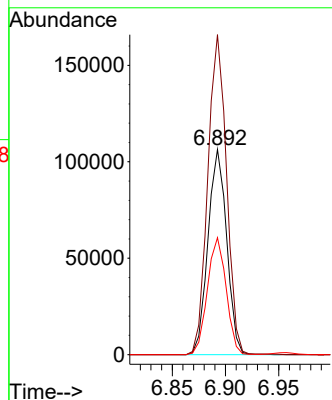
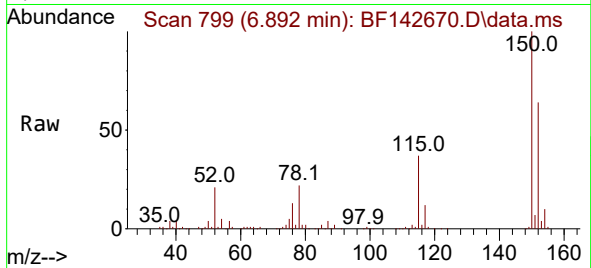




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF142670.D
Acq: 07 Jun 2025 04:38

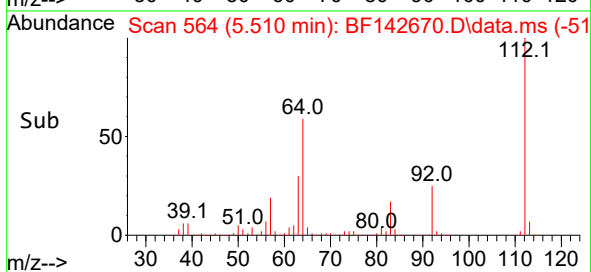
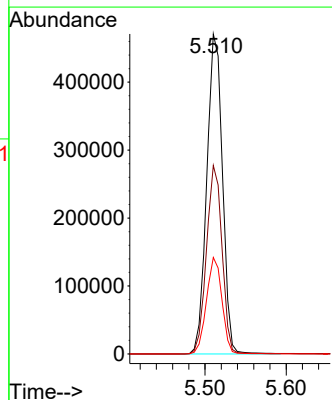
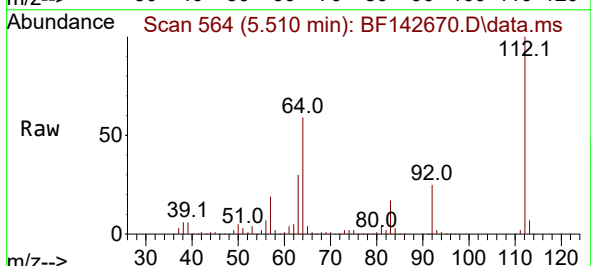
Instrument :
BNA_F
ClientSampleId :
TP-25

Tgt Ion:152 Resp: 130354
Ion Ratio Lower Upper
152 100
150 155.9 128.2 192.4
115 57.0 48.3 72.5



#5
2-Fluorophenol
Concen: 81.631 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142670.D
Acq: 07 Jun 2025 04:38

Tgt Ion:112 Resp: 631600
Ion Ratio Lower Upper
112 100
64 58.9 47.5 71.3
63 30.1 24.9 37.3

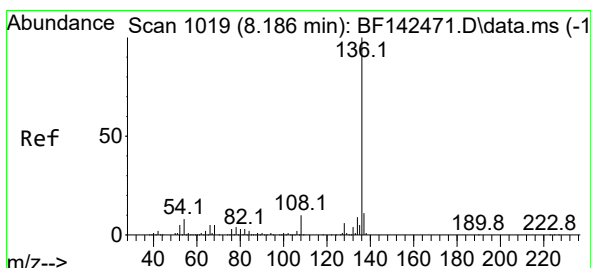
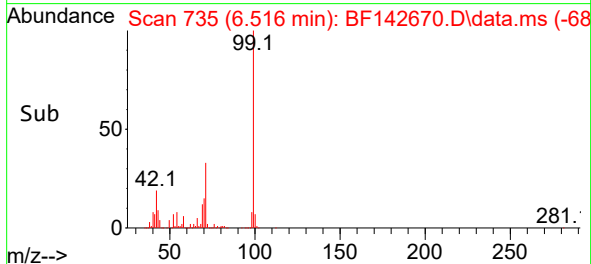
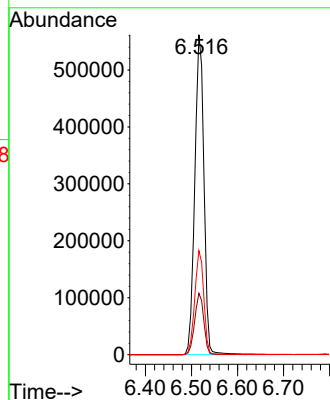
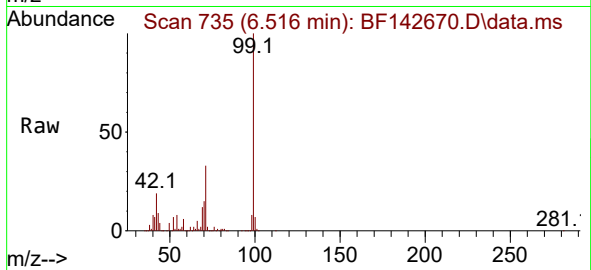




#7
Phenol-d6
Concen: 83.286 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142670.D
Acq: 07 Jun 2025 04:38

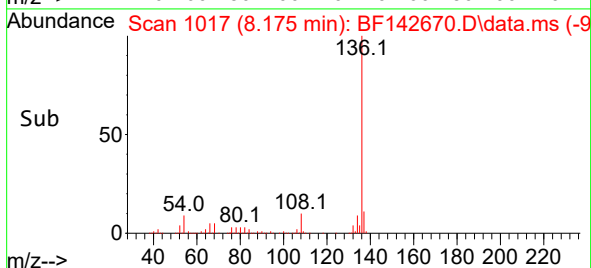
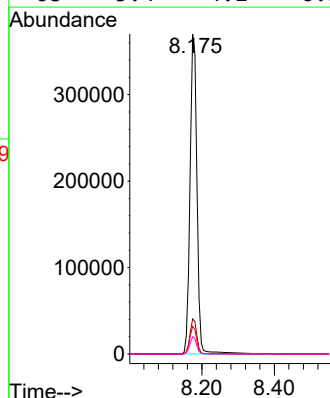
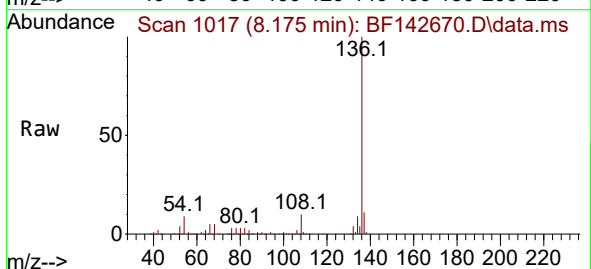
Instrument :
BNA_F
ClientSampleId :
TP-25

Tgt Ion: 99 Resp: 775710
Ion Ratio Lower Upper
99 100
42 19.2 16.2 24.2
71 32.5 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: BF142670.D
Acq: 07 Jun 2025 04:38

Tgt Ion: 136 Resp: 491772
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.7 6.6 10.0
68 5.4 4.1 6.1

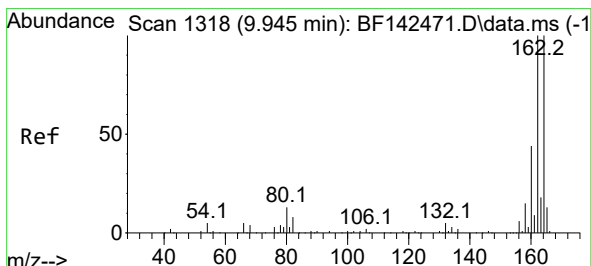
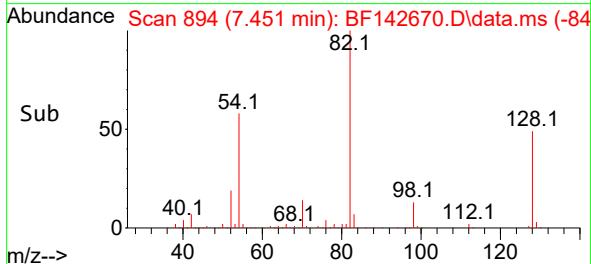
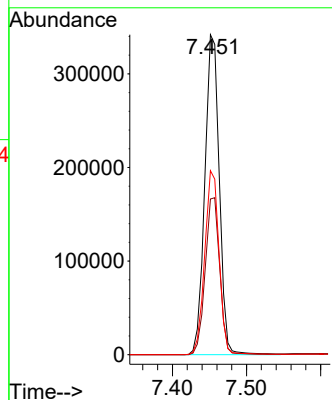
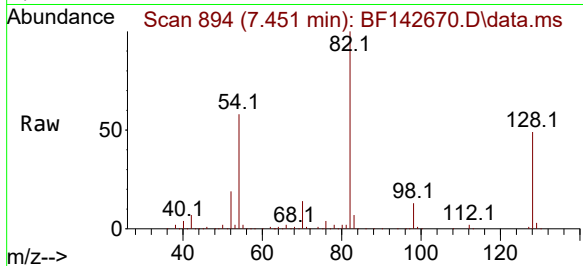




#23
Nitrobenzene-d5
Concen: 51.753 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.023 min
Lab File: BF142670.D
Acq: 07 Jun 2025 04:38

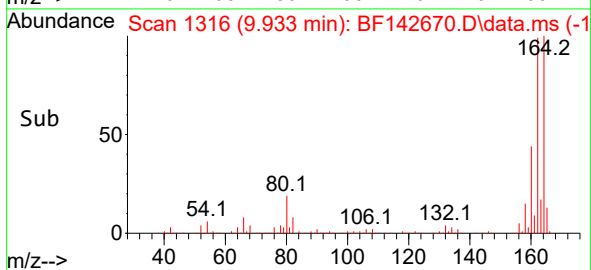
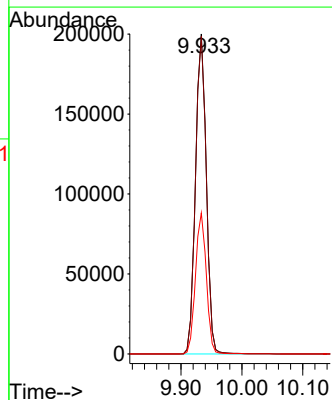
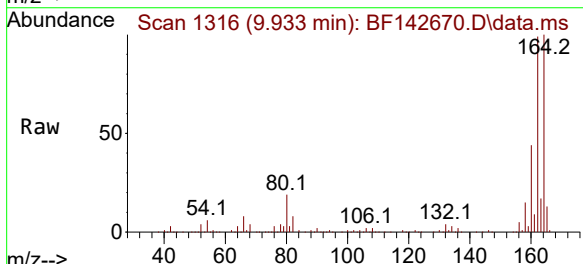
Instrument :
BNA_F
ClientSampleId :
TP-25

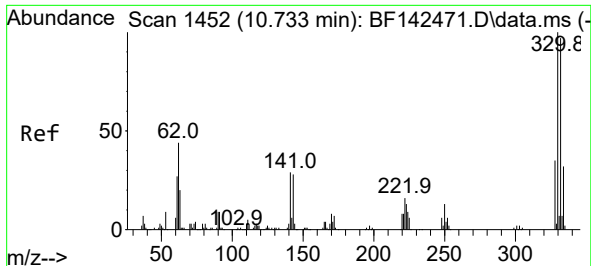
Tgt Ion: 82 Resp: 466738
Ion Ratio Lower Upper
82 100
128 48.6 37.4 56.2
54 57.5 46.6 70.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142670.D
Acq: 07 Jun 2025 04:38

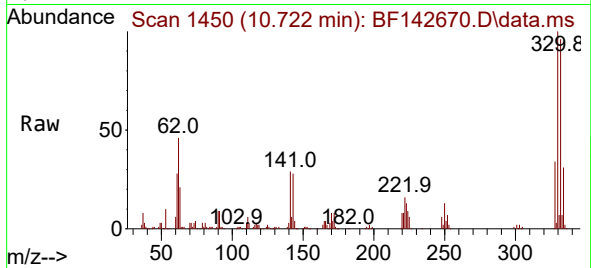
Tgt Ion:164 Resp: 246899
Ion Ratio Lower Upper
164 100
162 99.3 80.2 120.4
160 44.0 35.6 53.4



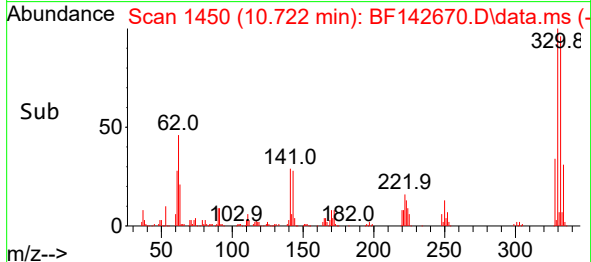
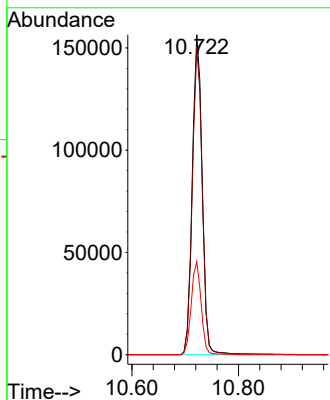


#42
2,4,6-Tribromophenol
Concen: 74.239 ng
RT: 10.722 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF142670.D
Acq: 07 Jun 2025 04:38

Instrument :
BNA_F
ClientSampleId :
TP-25

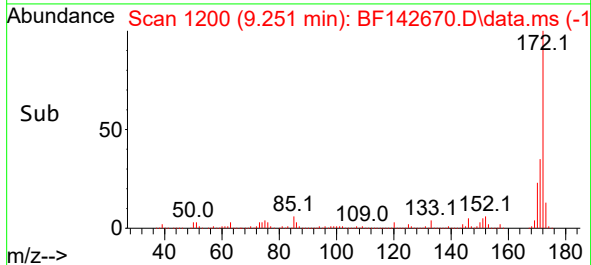
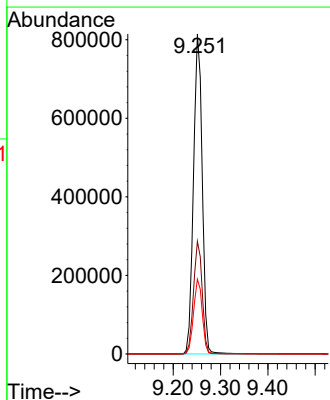
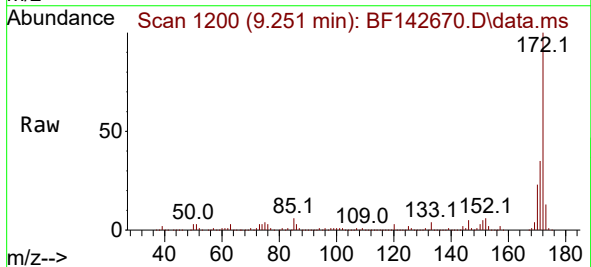


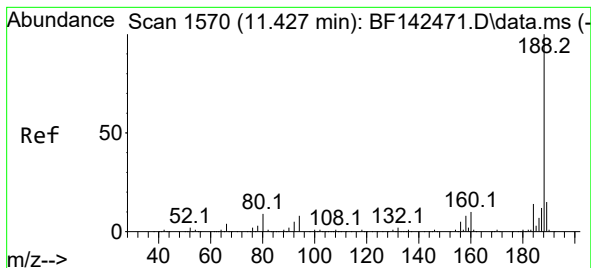
Tgt Ion:330 Resp: 203434
Ion Ratio Lower Upper
330 100
332 95.6 77.6 116.4
141 28.9 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 56.714 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.018 min
Lab File: BF142670.D
Acq: 07 Jun 2025 04:38

Tgt Ion:172 Resp: 1043520
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.4 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: BF142670.D

Acq: 07 Jun 2025 04:38

Instrument :

BNA_F

ClientSampleId :

TP-25

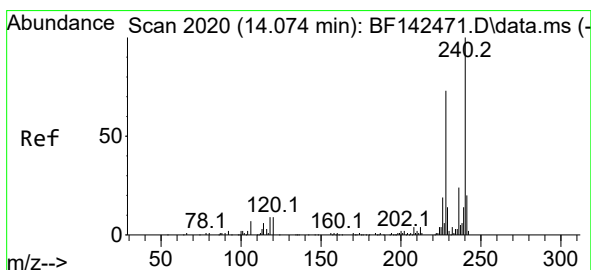
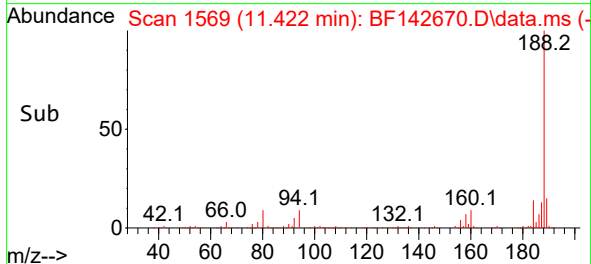
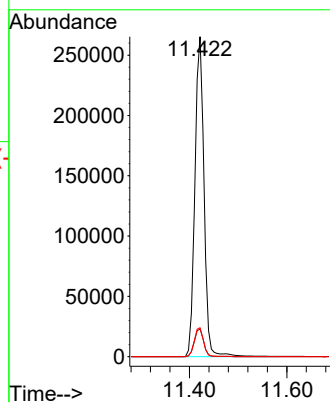
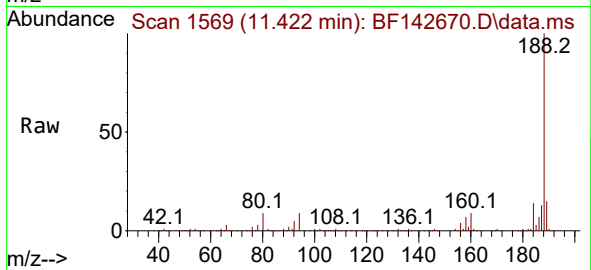
Tgt Ion:188 Resp: 346053

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.1 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: BF142670.D

Acq: 07 Jun 2025 04:38

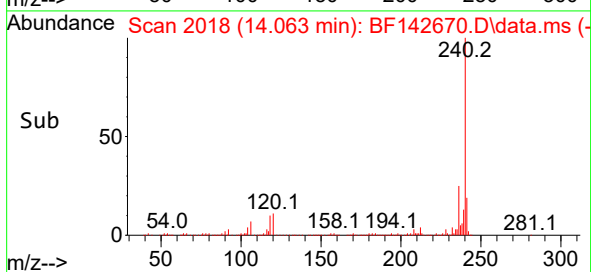
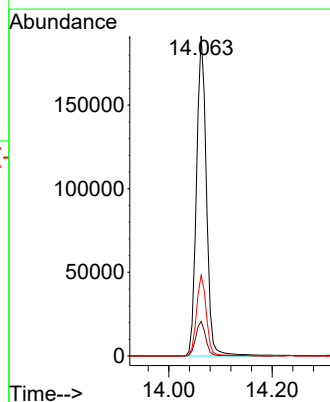
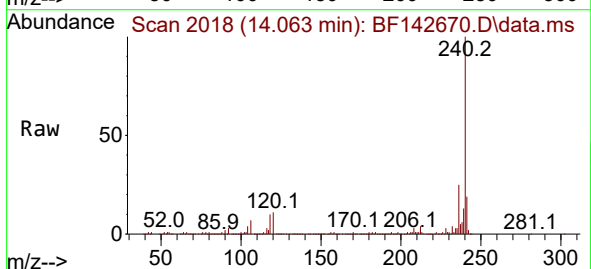
Tgt Ion:240 Resp: 255092

Ion Ratio Lower Upper

240 100

120 10.8 7.5 11.3

236 25.2 19.6 29.4

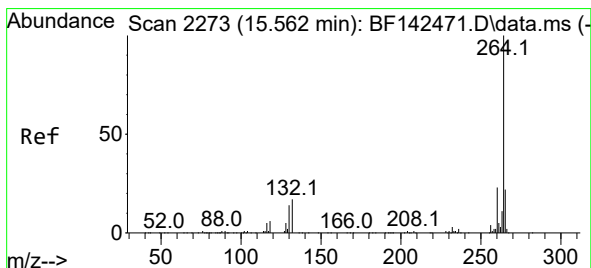
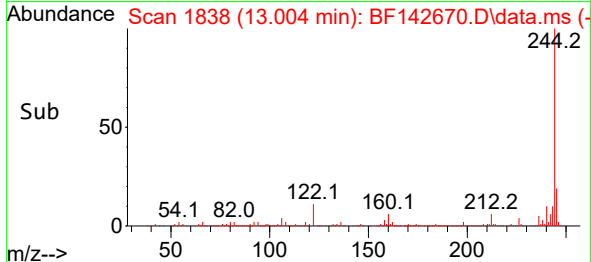
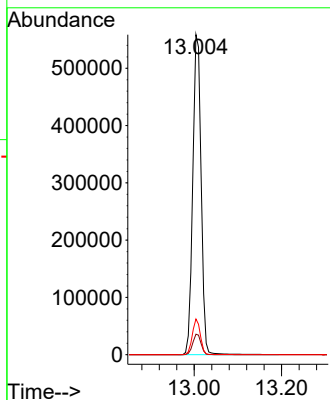
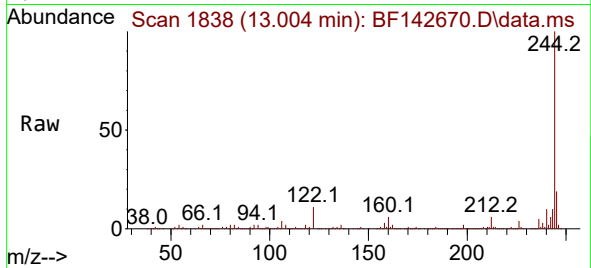




#79
 Terphenyl-d14
 Concen: 39.898 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF142670.D
 Acq: 07 Jun 2025 04:38

Instrument :
 BNA_F
 ClientSampleId :
 TP-25

Tgt Ion:244 Resp: 744772
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 11.1 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: BF142670.D
 Acq: 07 Jun 2025 04:38

Tgt Ion:264 Resp: 288040
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.8 17.7 26.5

