

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142665.D
 Acq On : 07 Jun 2025 02:08
 Operator : RC/JU
 Sample : PB168300BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168300BL

Quant Time: Jun 07 04:27:30 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	126882	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	489028	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	257170	20.000	ng	-0.01
64) Phenanthrene-d10	11.421	188	402961	20.000	ng	-0.01
76) Chrysene-d12	14.062	240	240009	20.000	ng	-0.01
86) Perylene-d12	15.556	264	266360	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	873076	115.928	ng	0.00
7) Phenol-d6	6.522	99	1062277	117.175	ng	-0.01
23) Nitrobenzene-d5	7.457	82	650261	72.507	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	316800	110.992	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	1385533	72.294	ng	-0.02
79) Terphenyl-d14	13.010	244	1109433	63.168	ng	0.00

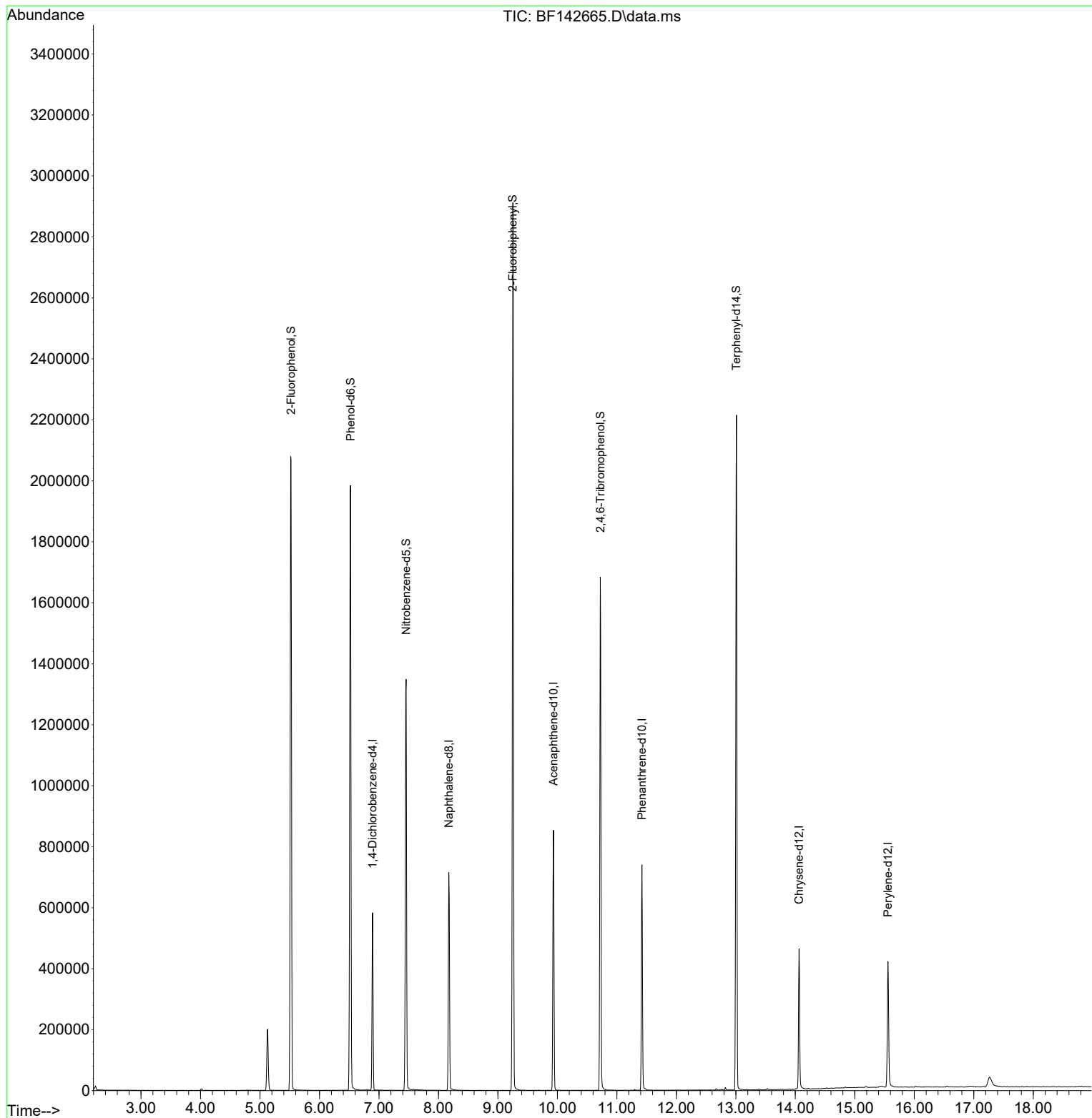
Target Compounds	Qvalue

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

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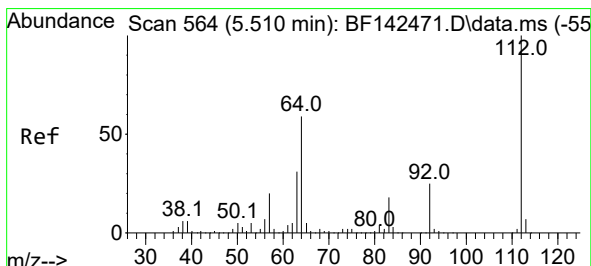
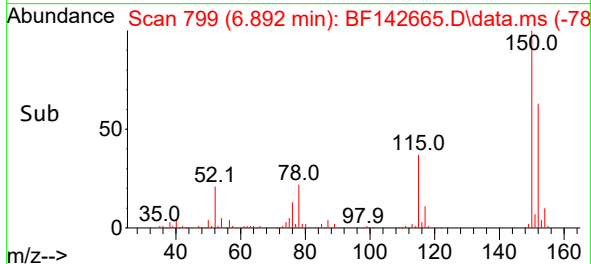
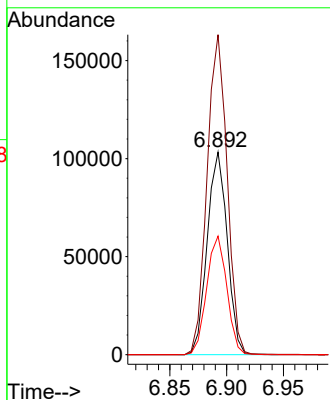
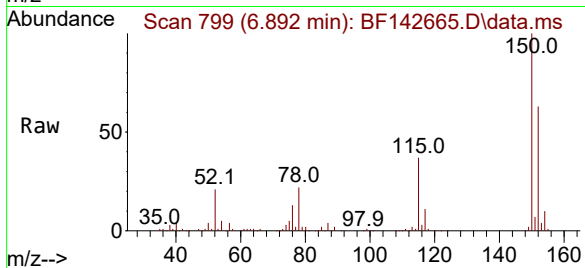




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF142665.D
Acq: 07 Jun 2025 02:08

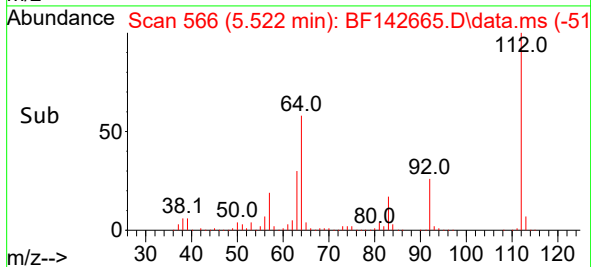
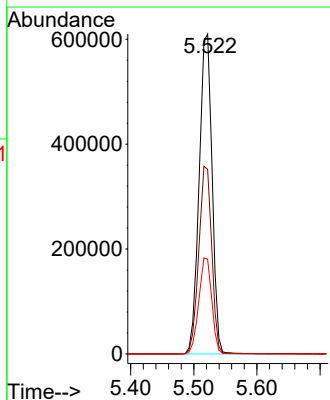
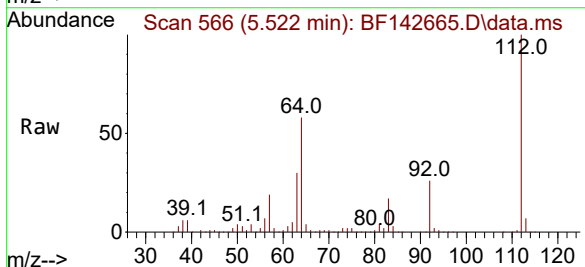
Instrument :
BNA_F
ClientSampleId :
PB168300BL

Tgt Ion:152 Resp: 126882
Ion Ratio Lower Upper
152 100
150 158.0 128.2 192.4
115 58.5 48.3 72.5



#5
2-Fluorophenol
Concen: 115.928 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142665.D
Acq: 07 Jun 2025 02:08

Tgt Ion:112 Resp: 873076
Ion Ratio Lower Upper
112 100
64 57.7 47.5 71.3
63 29.6 24.9 37.3





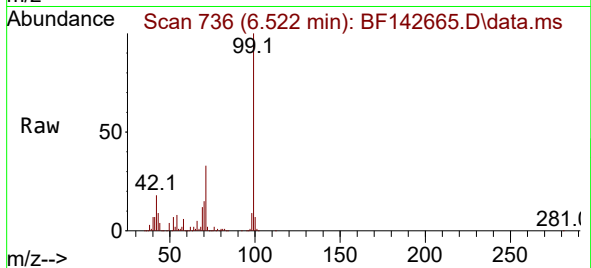
#7
Phenol-d6
Concen: 117.175 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142665.D
Acq: 07 Jun 2025 02:08

Instrument :

BNA_F

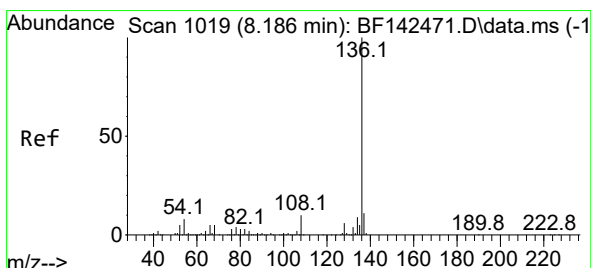
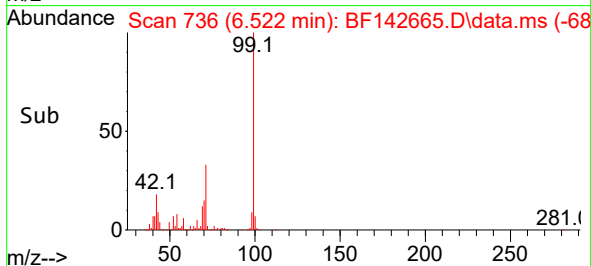
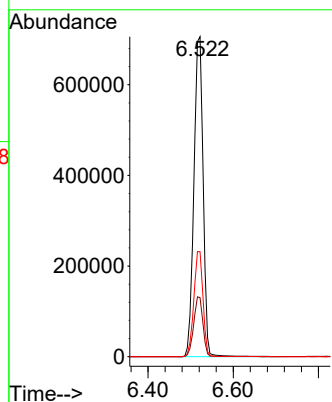
ClientSampleId :

PB168300BL



Tgt Ion: 99 Resp: 1062277

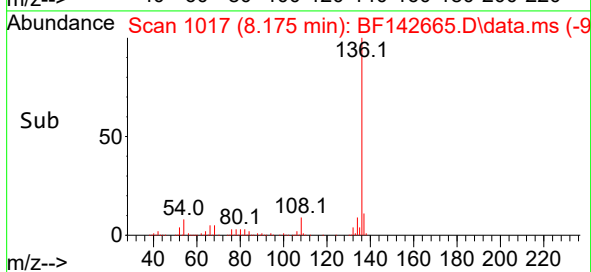
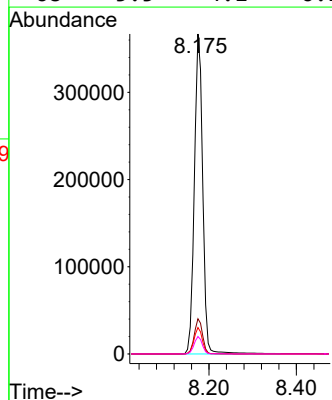
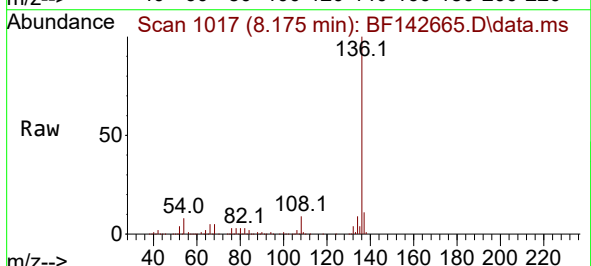
Ion	Ratio	Lower	Upper
99	100		
42	18.4	16.2	24.2
71	32.8	27.3	40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF142665.D
Acq: 07 Jun 2025 02:08

Tgt Ion: 136 Resp: 489028

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.3	6.6	10.0
68	5.5	4.1	6.1





#23

Nitrobenzene-d5

Concen: 72.507 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF142665.D

Acq: 07 Jun 2025 02:08

Instrument :

BNA_F

ClientSampleId :

PB168300BL

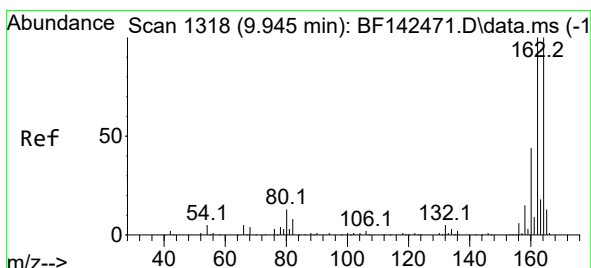
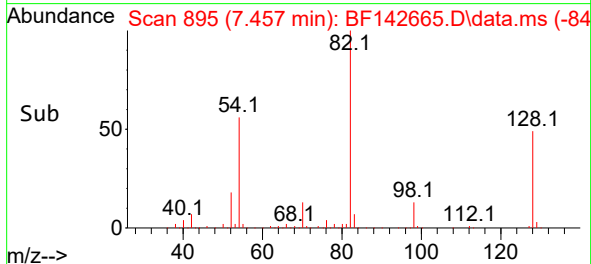
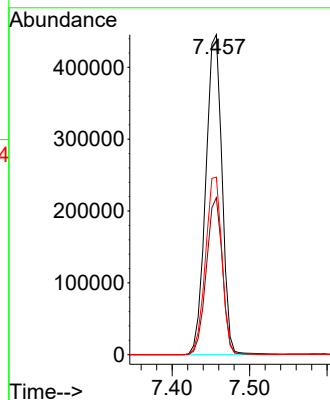
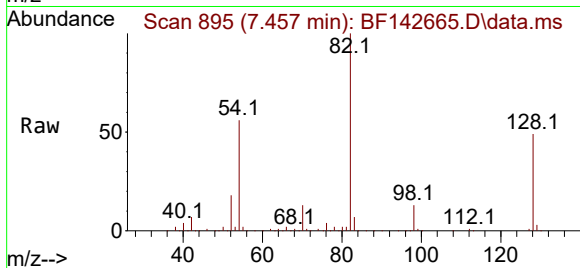
Tgt Ion: 82 Resp: 650261

Ion Ratio Lower Upper

82 100

128 49.0 37.4 56.2

54 55.5 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: BF142665.D

Acq: 07 Jun 2025 02:08

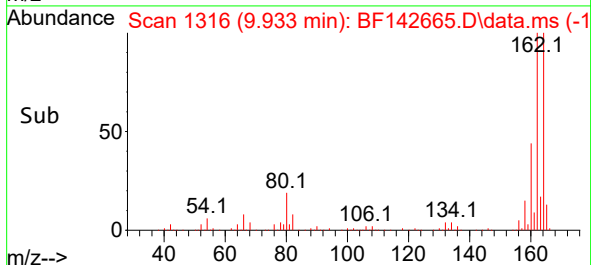
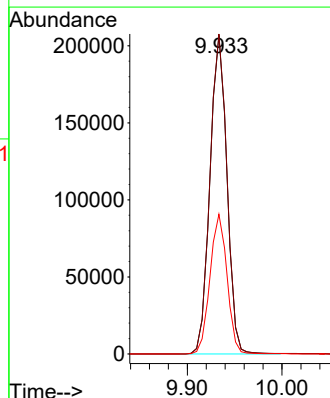
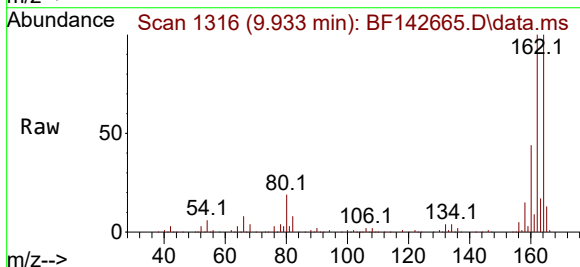
Tgt Ion:164 Resp: 257170

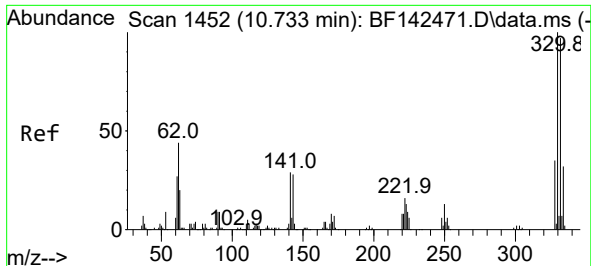
Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.4

160 43.9 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 110.992 ng

RT: 10.722 min Scan# 1452

Delta R.T. -0.018 min

Lab File: BF142665.D

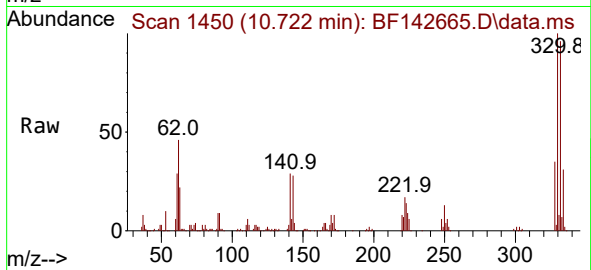
Acq: 07 Jun 2025 02:08

Instrument :

BNA_F

ClientSampleId :

PB168300BL



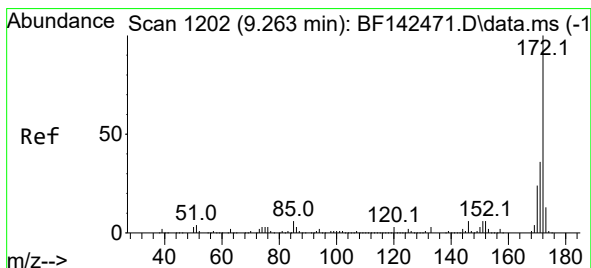
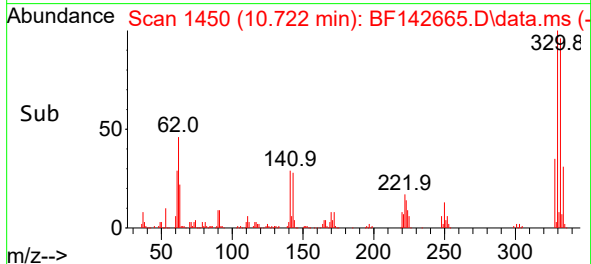
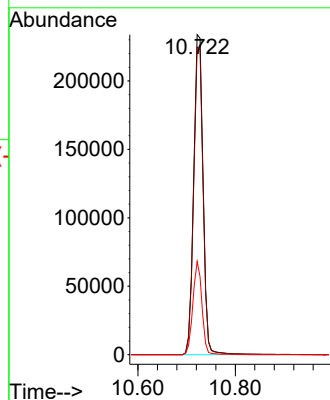
Tgt Ion:330 Resp: 316800

Ion Ratio Lower Upper

330 100

332 96.1 77.6 116.4

141 27.9 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 72.294 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.018 min

Lab File: BF142665.D

Acq: 07 Jun 2025 02:08

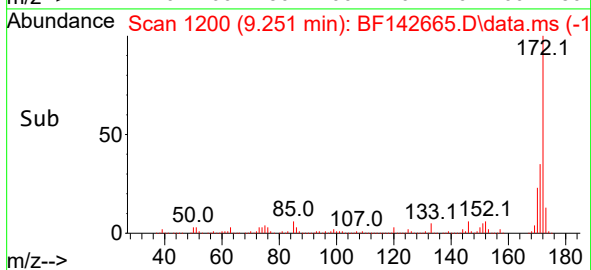
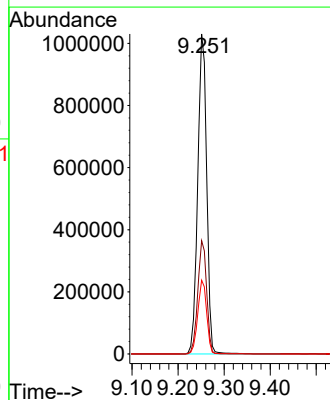
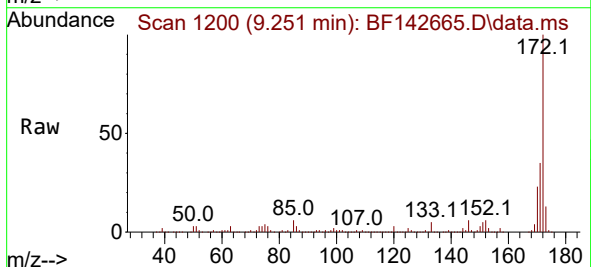
Tgt Ion:172 Resp: 1385533

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.0 18.9 28.3

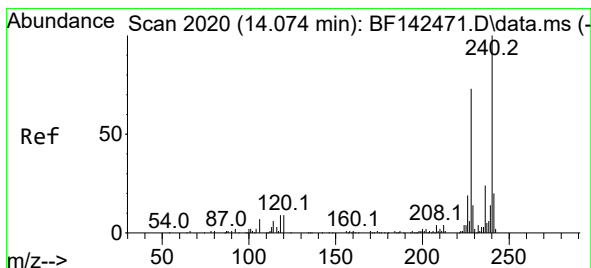
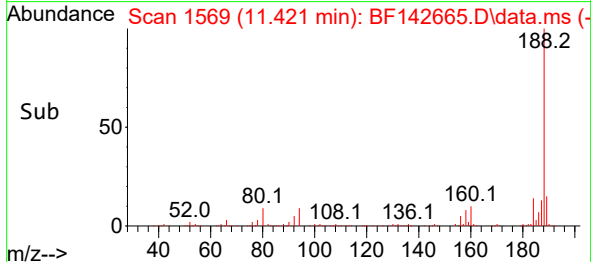
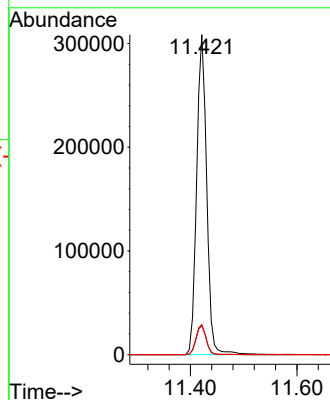
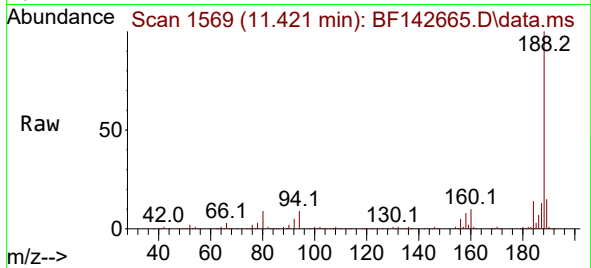




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142665.D
Acq: 07 Jun 2025 02:08

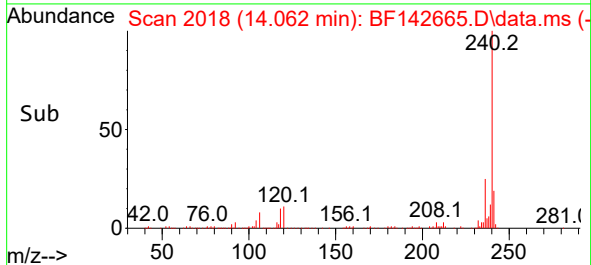
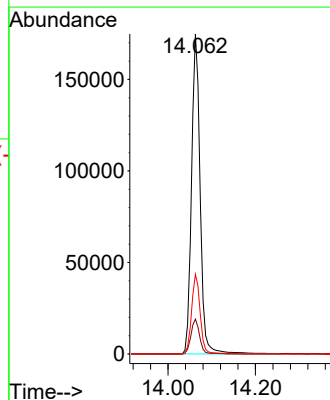
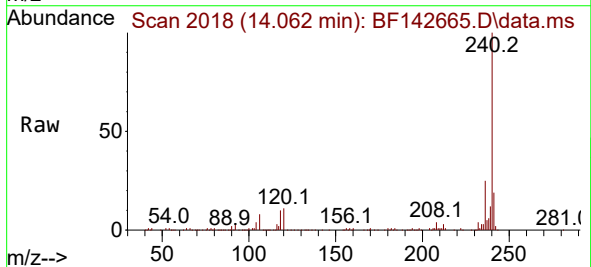
Instrument :
BNA_F
ClientSampleId :
PB168300BL

Tgt Ion:188 Resp: 402961
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.4 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142665.D
Acq: 07 Jun 2025 02:08

Tgt Ion:240 Resp: 240009
Ion Ratio Lower Upper
240 100
120 10.9 7.5 11.3
236 24.9 19.6 29.4

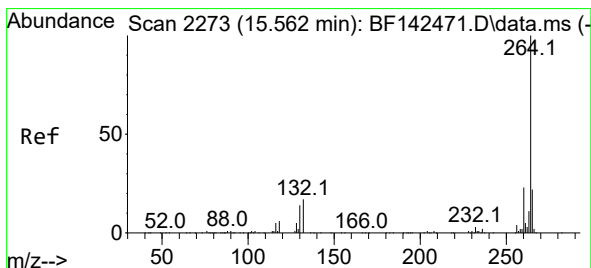
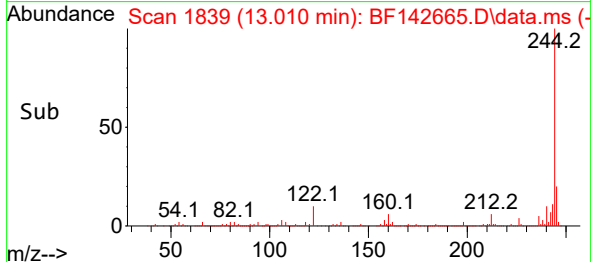
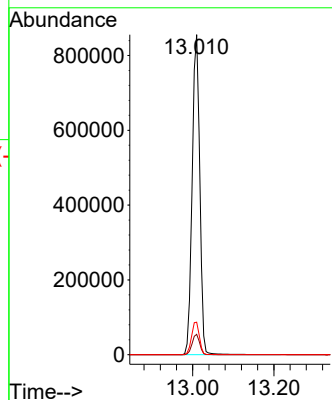
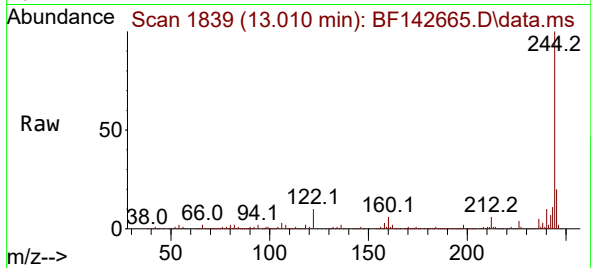




#79
 Terphenyl-d14
 Concen: 63.168 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142665.D
 Acq: 07 Jun 2025 02:08

Instrument :
 BNA_F
 ClientSampleId :
 PB168300BL

Tgt Ion:244 Resp: 1109433
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 10.2 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF142665.D
 Acq: 07 Jun 2025 02:08

Tgt Ion:264 Resp: 266360
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 21.4 17.7 26.5

