

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142591.D
 Acq On : 02 Jun 2025 11:59
 Operator : RC/JU
 Sample : PB168219BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168219BL

Quant Time: Jun 02 12:43:02 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	6.898	152	123394	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	476779	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	264921	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	486581	20.000	ng	0.00
76) Chrysene-d12	14.068	240	317589	20.000	ng	0.00
86) Perylene-d12	15.562	264	262091	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	878104	119.892	ng	0.00
7) Phenol-d6	6.522	99	1054123	119.562	ng	-0.01
23) Nitrobenzene-d5	7.457	82	652840	74.665	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	365230	124.216	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1414422	71.642	ng	-0.01
79) Terphenyl-d14	13.016	244	1619103	69.668	ng	0.00

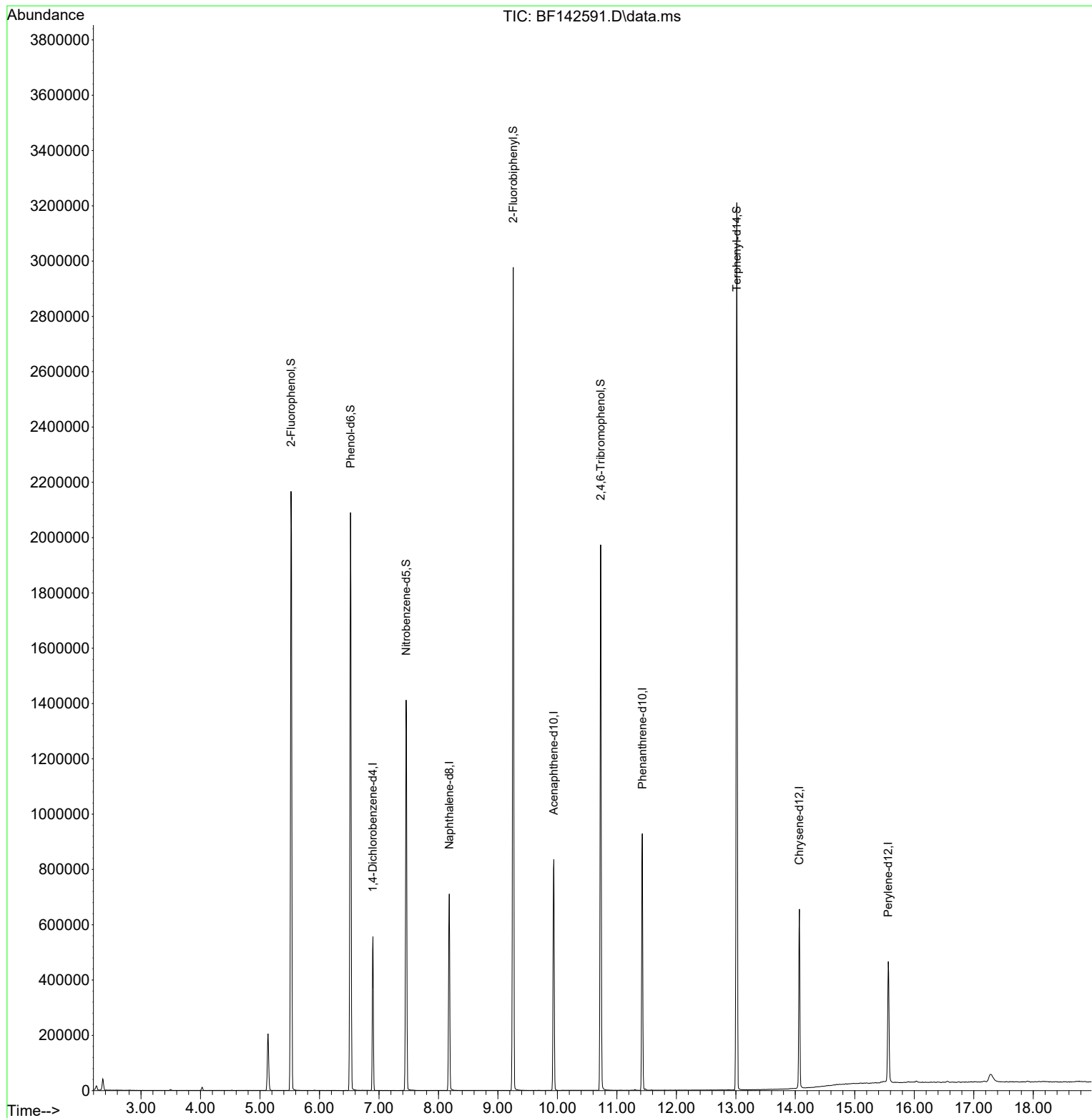
Target Compounds	Qvalue

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

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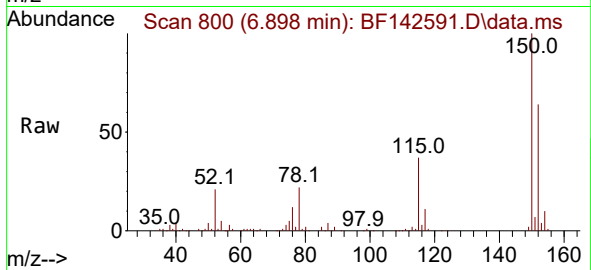
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
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QLast Update : Tue May 20 16:26:47 2025
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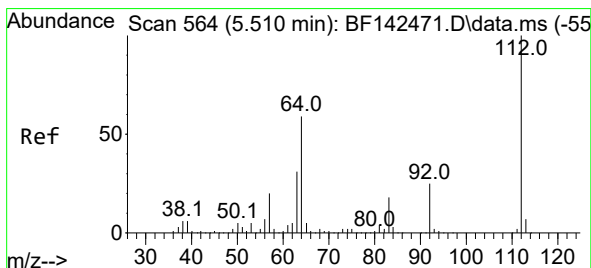
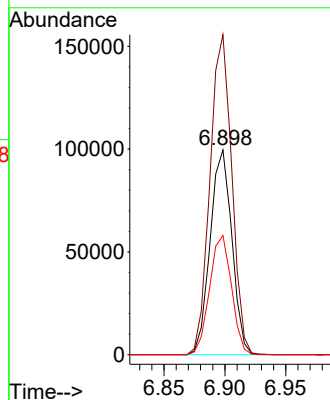
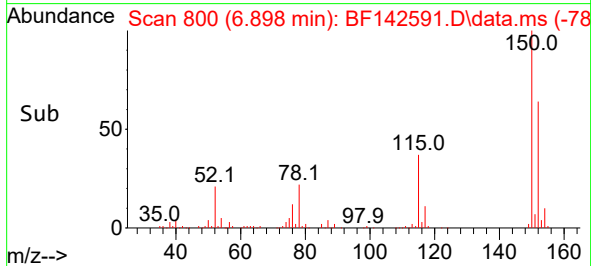


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142591.D
Acq: 02 Jun 2025 11:59

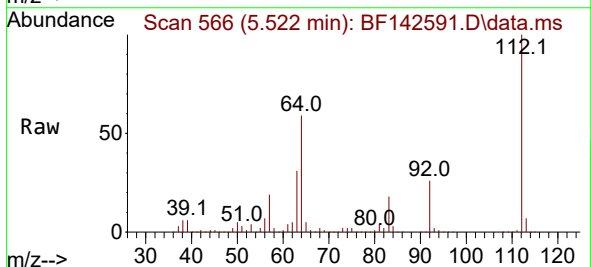
Instrument :
BNA_F
ClientSampleId :
PB168219BL



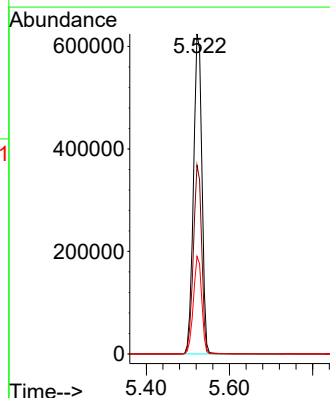
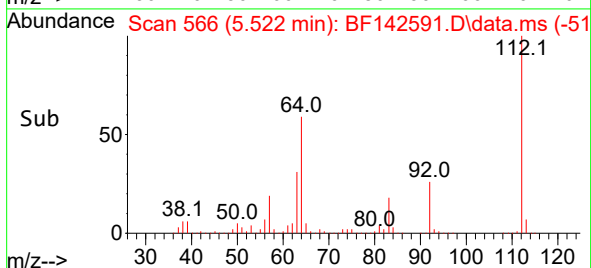
Tgt Ion:152 Resp: 123394
Ion Ratio Lower Upper
152 100
150 156.3 128.2 192.4
115 58.2 48.3 72.5

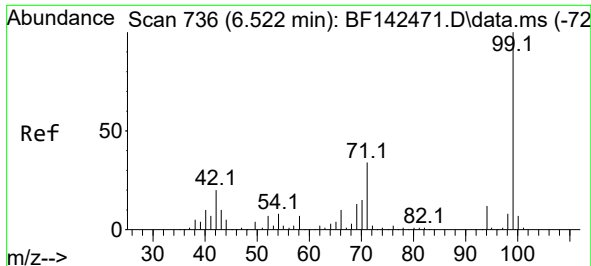


#5
2-Fluorophenol
Concen: 119.892 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142591.D
Acq: 02 Jun 2025 11:59



Tgt Ion:112 Resp: 878104
Ion Ratio Lower Upper
112 100
64 59.0 47.5 71.3
63 30.5 24.9 37.3

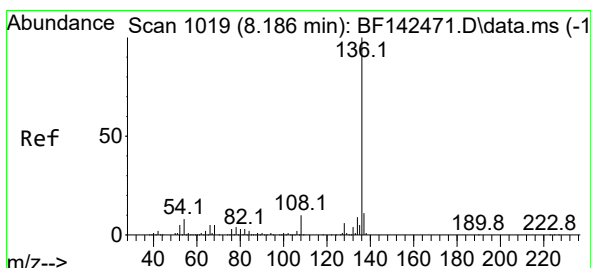
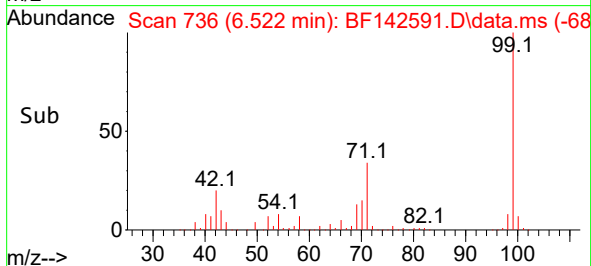
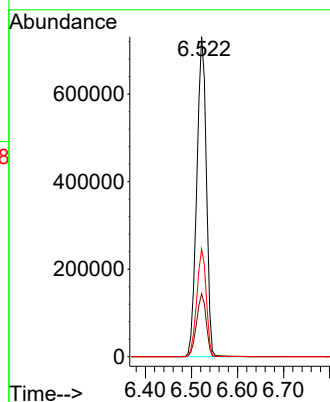
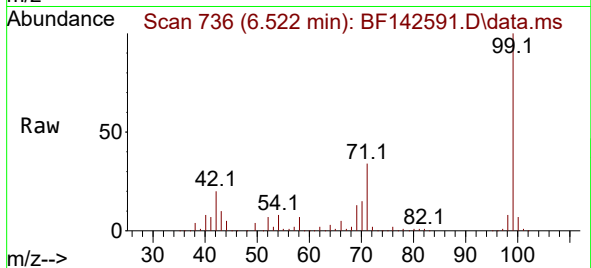




#7
Phenol-d6
Concen: 119.562 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142591.D
Acq: 02 Jun 2025 11:59

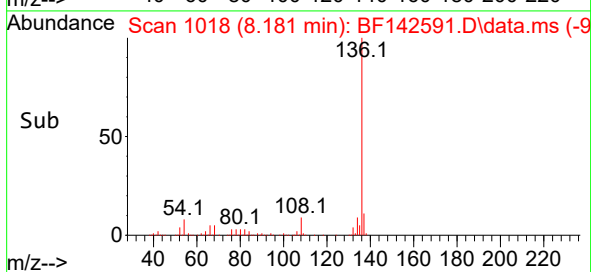
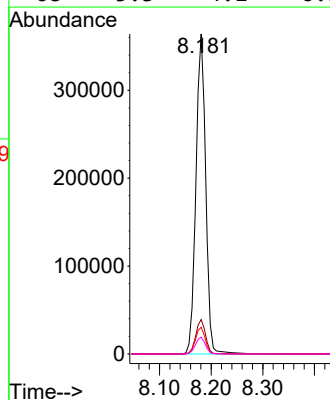
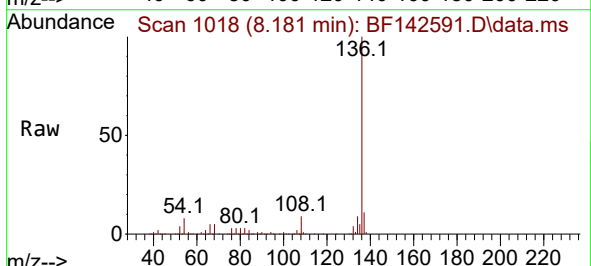
Instrument :
BNA_F
ClientSampleId :
PB168219BL

Tgt Ion: 99 Resp: 1054123
Ion Ratio Lower Upper
99 100
42 19.6 16.2 24.2
71 33.7 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142591.D
Acq: 02 Jun 2025 11:59

Tgt Ion:136 Resp: 476779
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 6.6 10.0
68 5.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 74.665 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF142591.D

Acq: 02 Jun 2025 11:59

Instrument :

BNA_F

ClientSampleId :

PB168219BL

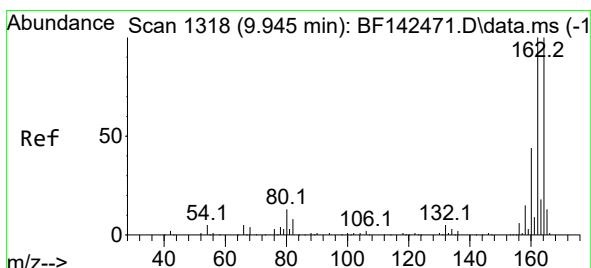
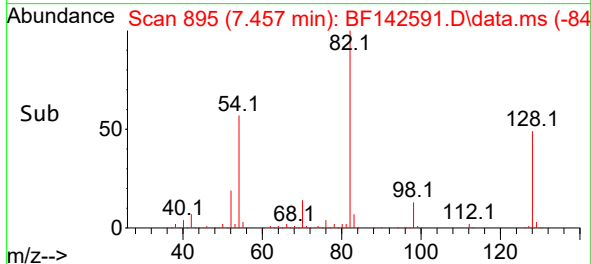
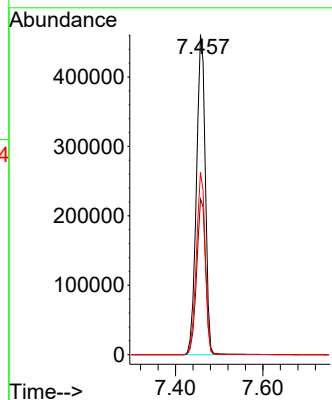
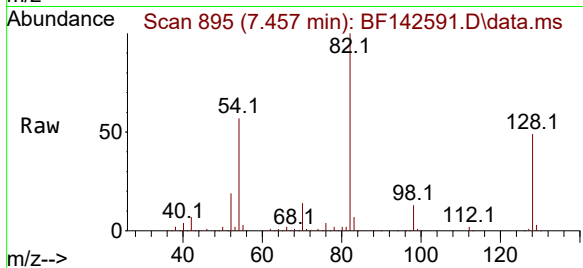
Tgt Ion: 82 Resp: 652840

Ion Ratio Lower Upper

82 100

128 48.6 37.4 56.2

54 57.1 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF142591.D

Acq: 02 Jun 2025 11:59

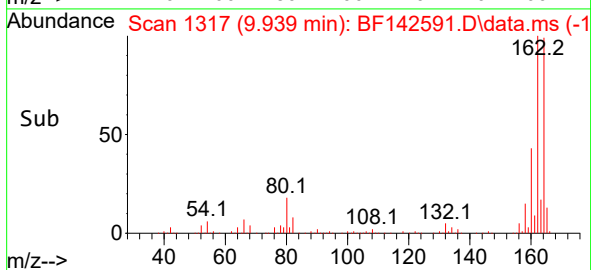
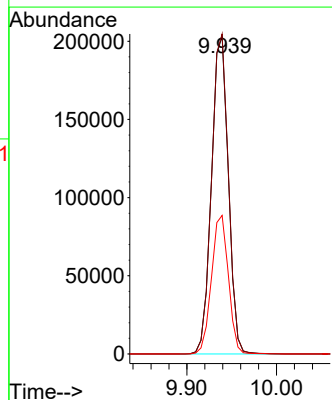
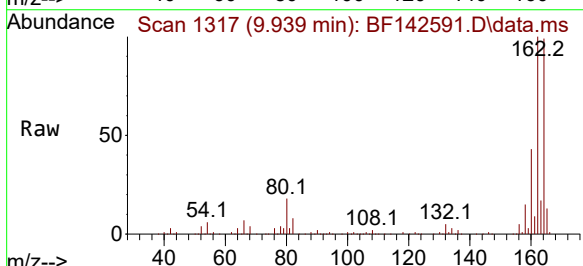
Tgt Ion:164 Resp: 264921

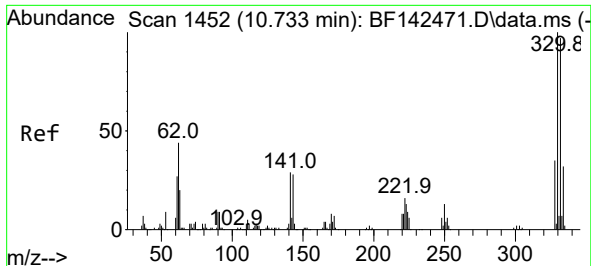
Ion Ratio Lower Upper

164 100

162 100.8 80.2 120.4

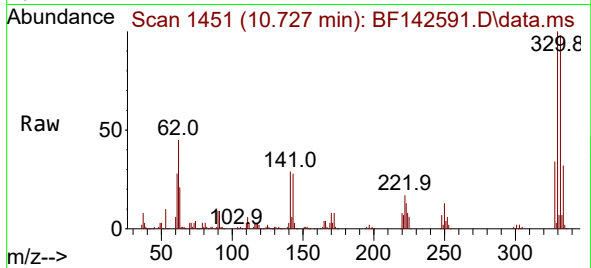
160 43.6 35.6 53.4



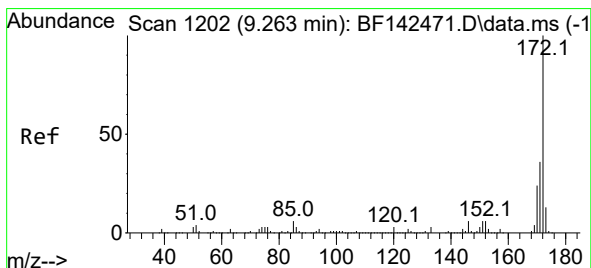
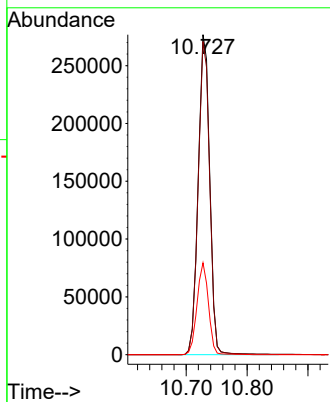
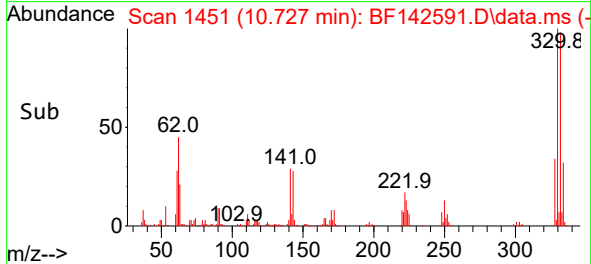


#42
2,4,6-Tribromophenol
Concen: 124.216 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142591.D
Acq: 02 Jun 2025 11:59

Instrument :
BNA_F
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PB168219BL

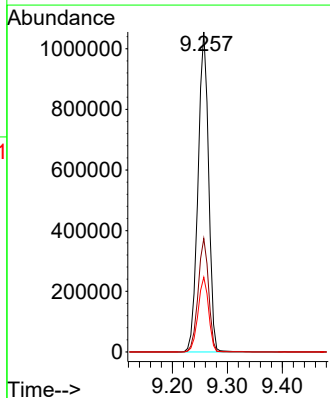
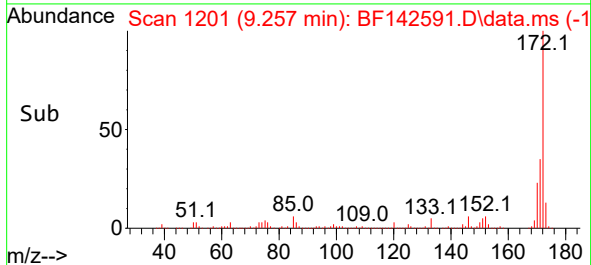
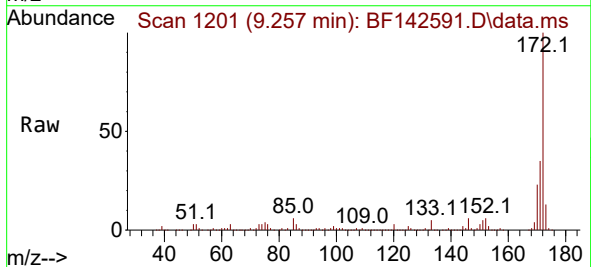


Tgt Ion:330 Resp: 365230
Ion Ratio Lower Upper
330 100
332 97.5 77.6 116.4
141 28.4 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 71.642 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142591.D
Acq: 02 Jun 2025 11:59

Tgt Ion:172 Resp: 1414422
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.4 18.9 28.3

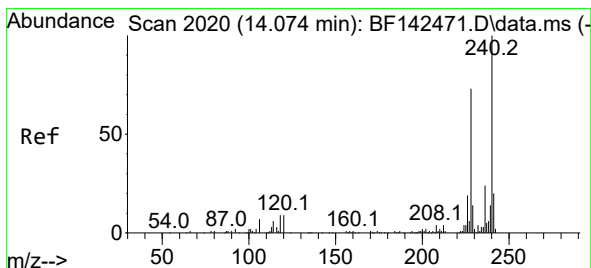
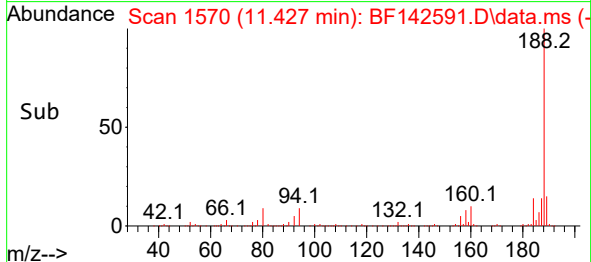
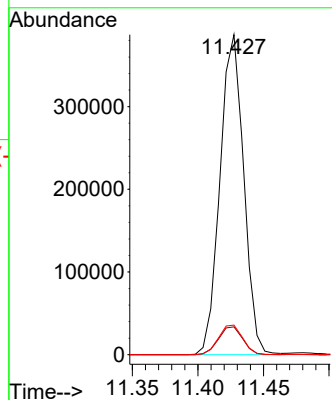
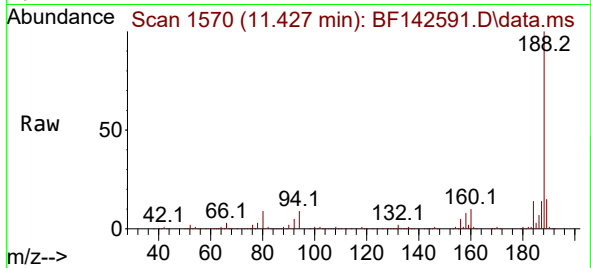




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142591.D
Acq: 02 Jun 2025 11:59

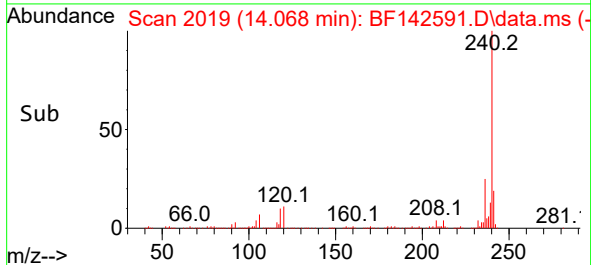
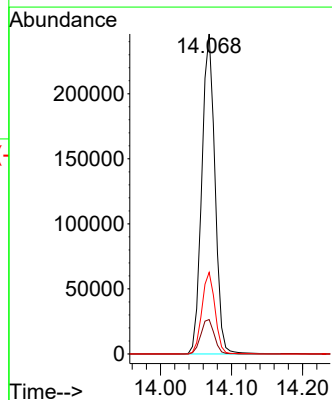
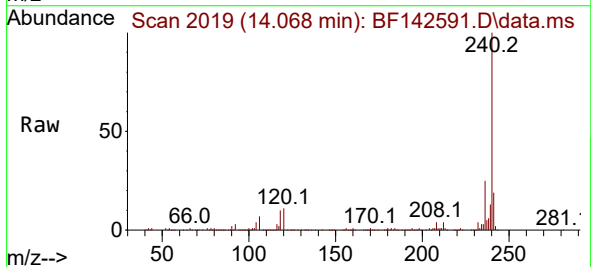
Instrument :
BNA_F
ClientSampleId :
PB168219BL

Tgt Ion:188 Resp: 486581
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.3 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142591.D
Acq: 02 Jun 2025 11:59

Tgt Ion:240 Resp: 317589
Ion Ratio Lower Upper
240 100
120 10.8 7.5 11.3
236 25.5 19.6 29.4

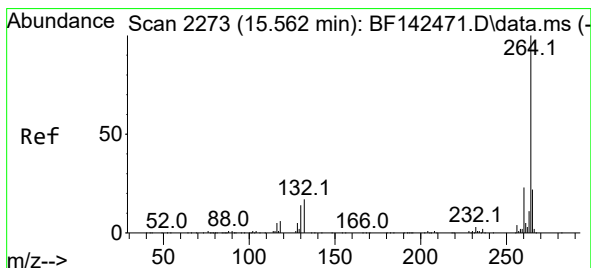
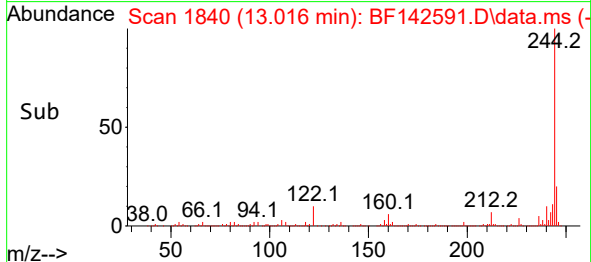
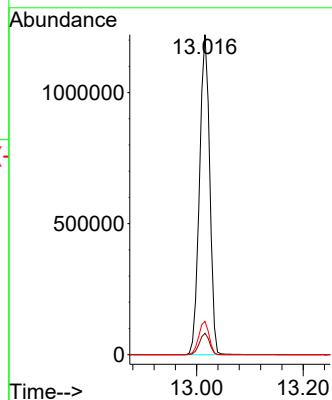
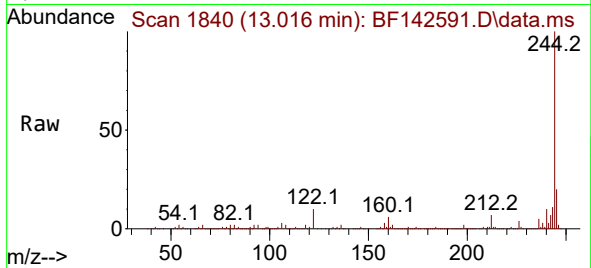




#79
 Terphenyl-d14
 Concen: 69.668 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF142591.D
 Acq: 02 Jun 2025 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB168219BL

Tgt Ion:244 Resp: 1619103
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.3 7.9
 122 10.4 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF142591.D
 Acq: 02 Jun 2025 11:59

Tgt Ion:264 Resp: 262091
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.8 17.7 26.5

