

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142594.D
 Acq On : 02 Jun 2025 13:26
 Operator : RC/JU
 Sample : PB168235BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168235BL

Quant Time: Jun 02 14:02:39 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	120624	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	466268	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	259648	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	474960	20.000	ng	0.00
76) Chrysene-d12	14.068	240	286956	20.000	ng	0.00
86) Perylene-d12	15.568	264	248222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	929341	129.801	ng	0.00
7) Phenol-d6	6.522	99	1116479	129.543	ng	-0.01
23) Nitrobenzene-d5	7.457	82	685175	80.129	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	386355	134.069	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1475412	76.249	ng	-0.01
79) Terphenyl-d14	13.016	244	1618331	77.068	ng	0.00

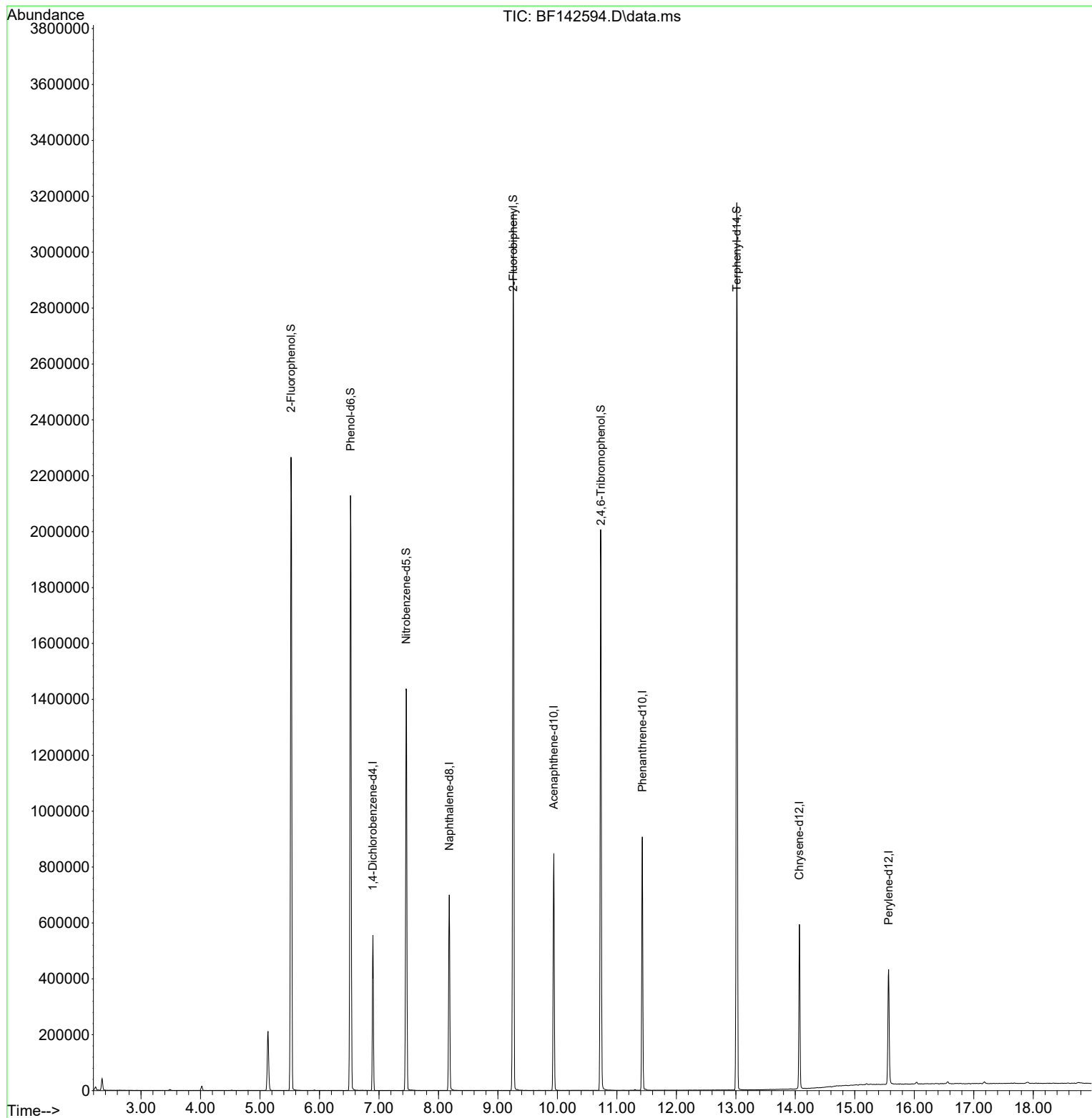
Target Compounds	Qvalue

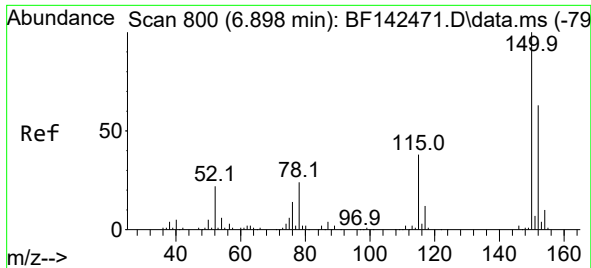
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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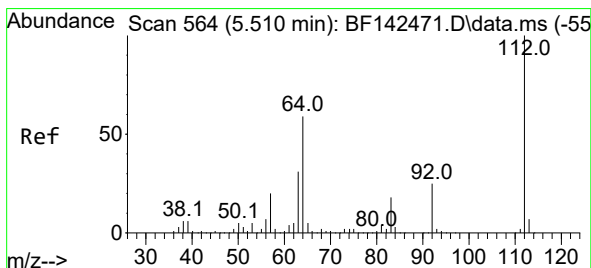
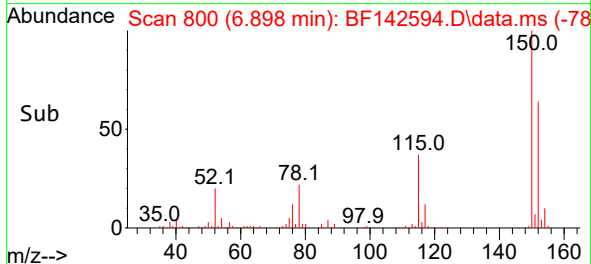
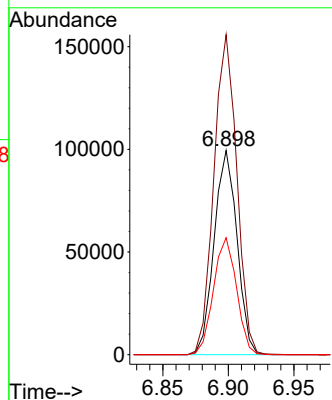
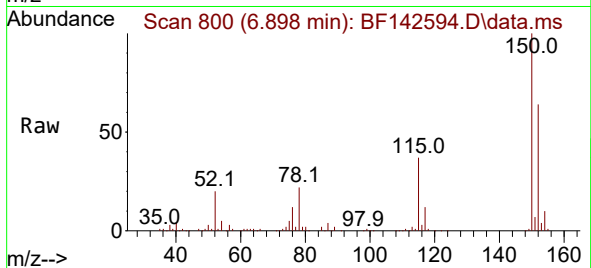




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142594.D
Acq: 02 Jun 2025 13:26

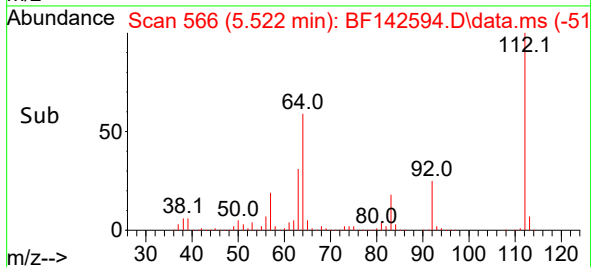
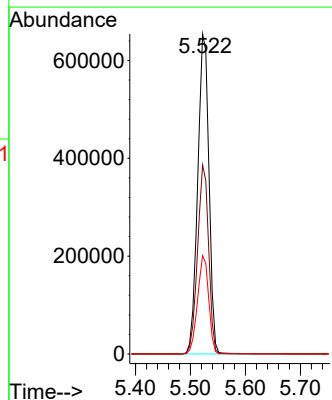
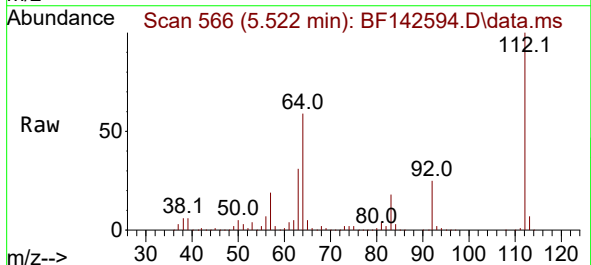
Instrument :
BNA_F
ClientSampleId :
PB168235BL

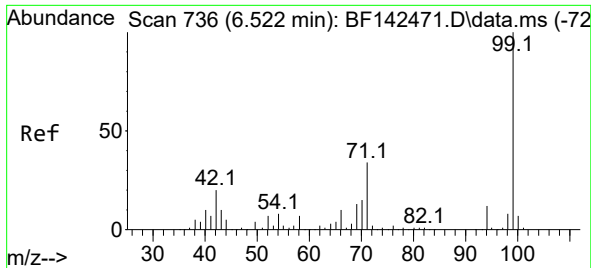
Tgt Ion:152 Resp: 120624
Ion Ratio Lower Upper
152 100
150 156.7 128.2 192.4
115 57.3 48.3 72.5



#5
2-Fluorophenol
Concen: 129.801 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142594.D
Acq: 02 Jun 2025 13:26

Tgt Ion:112 Resp: 929341
Ion Ratio Lower Upper
112 100
64 59.0 47.5 71.3
63 30.7 24.9 37.3

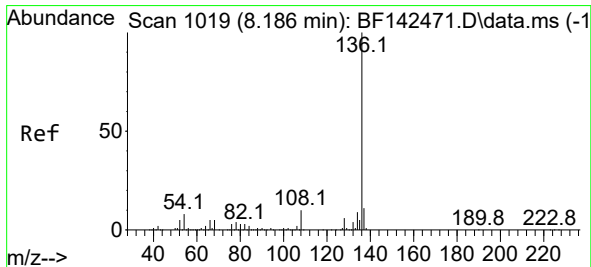
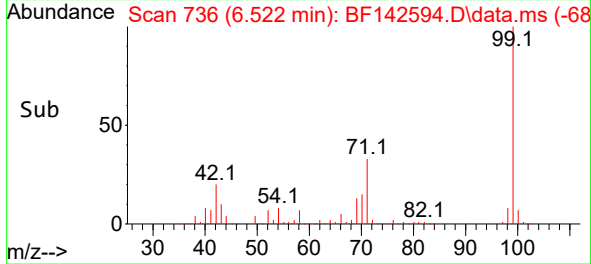
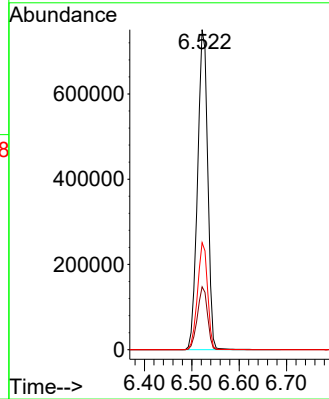
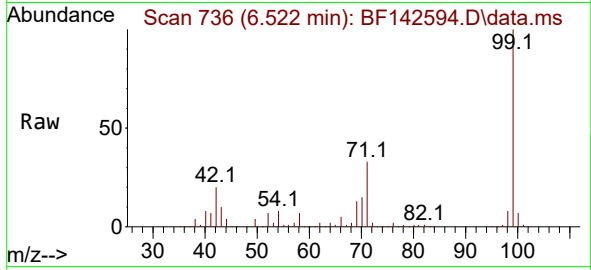




#7
Phenol-d6
Concen: 129.543 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142594.D
Acq: 02 Jun 2025 13:26

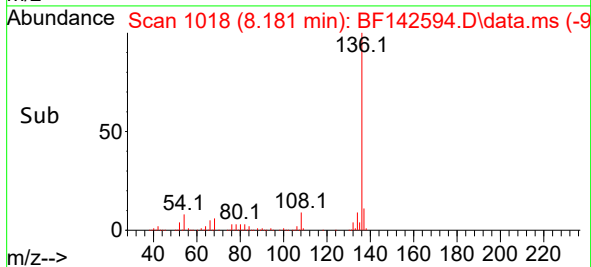
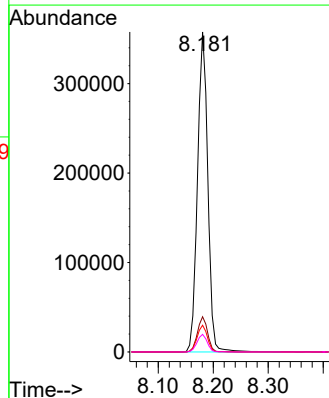
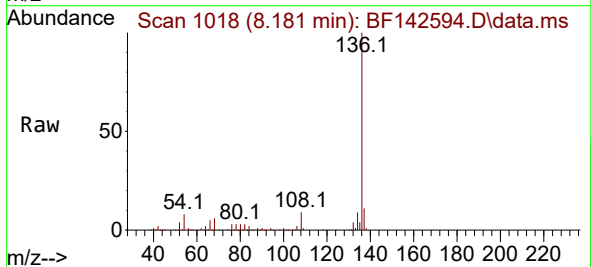
Instrument :
BNA_F
ClientSampleId :
PB168235BL

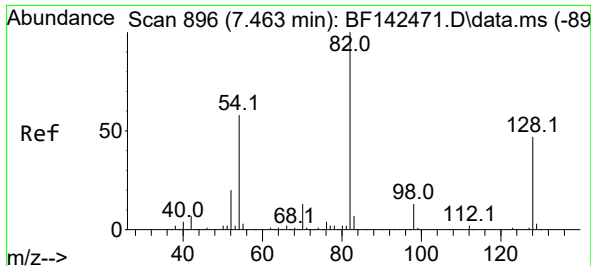
Tgt Ion: 99 Resp: 1116479
Ion Ratio Lower Upper
99 100
42 19.7 16.2 24.2
71 33.4 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142594.D
Acq: 02 Jun 2025 13:26

Tgt Ion:136 Resp: 466268
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: 80.129 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF142594.D

Acq: 02 Jun 2025 13:26

Instrument :

BNA_F

ClientSampleId :

PB168235BL

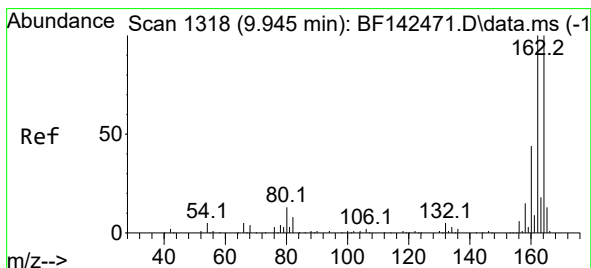
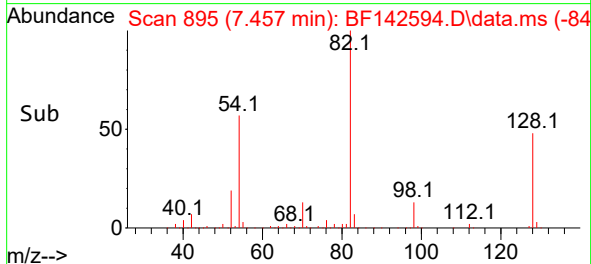
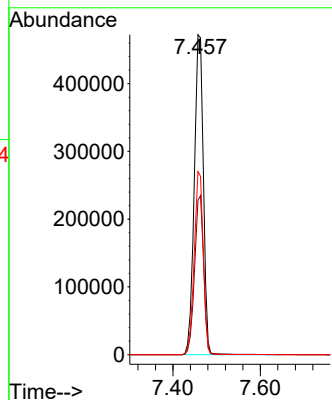
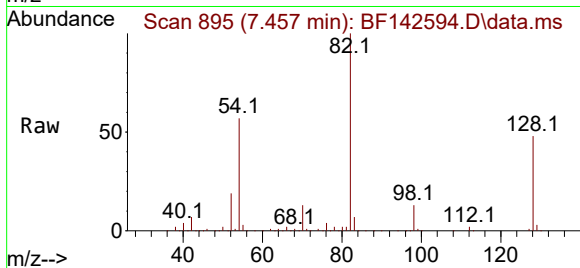
Tgt Ion: 82 Resp: 685175

Ion Ratio Lower Upper

82 100

128 48.2 37.4 56.2

54 57.2 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: BF142594.D

Acq: 02 Jun 2025 13:26

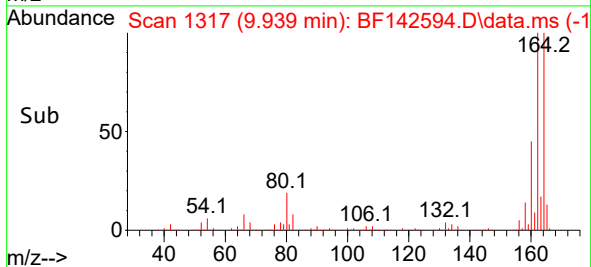
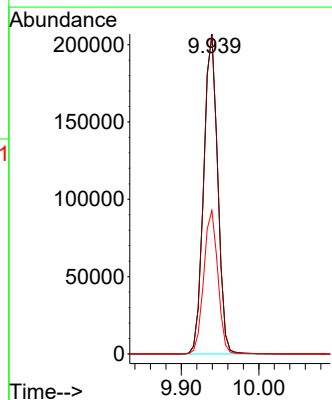
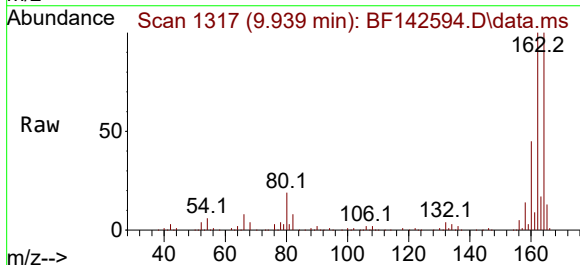
Tgt Ion:164 Resp: 259648

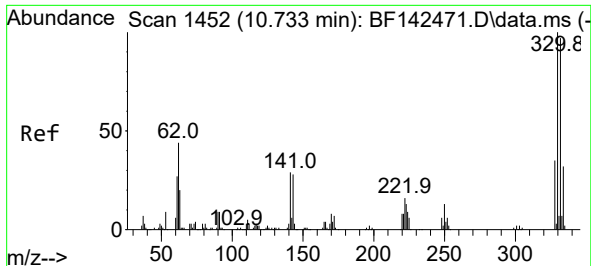
Ion Ratio Lower Upper

164 100

162 100.1 80.2 120.4

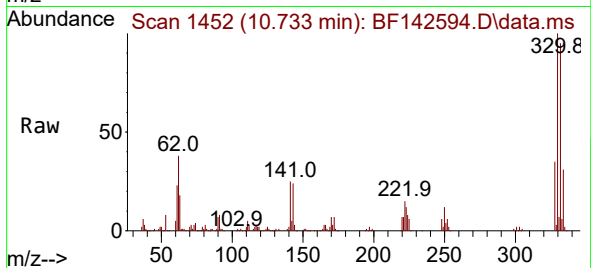
160 44.9 35.6 53.4



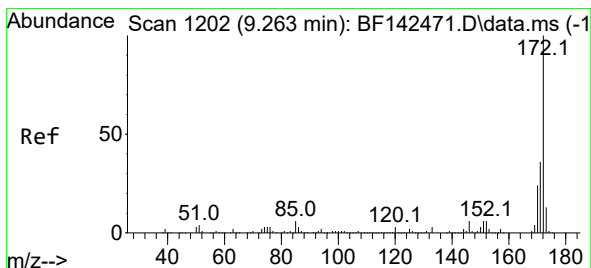
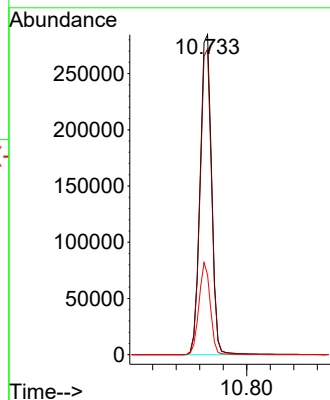
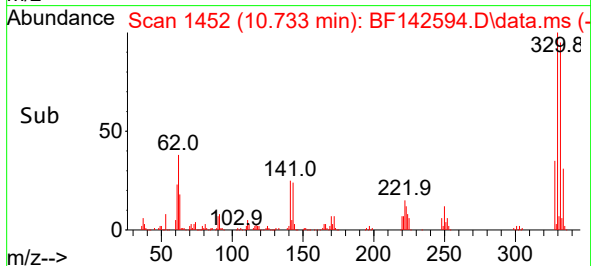


#42
2,4,6-Tribromophenol
Concen: 134.069 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142594.D
Acq: 02 Jun 2025 13:26

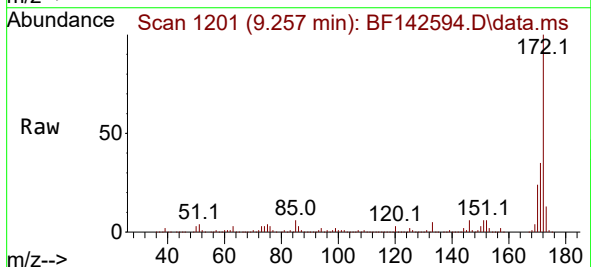
Instrument :
BNA_F
ClientSampleId :
PB168235BL



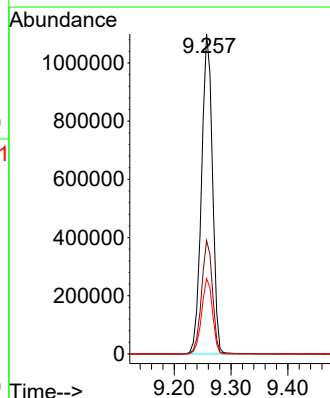
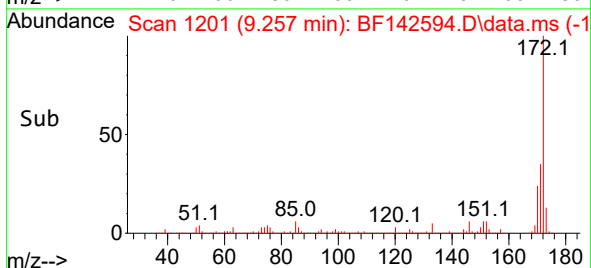
Tgt Ion:330 Resp: 386355
Ion Ratio Lower Upper
330 100
332 95.8 77.6 116.4
141 28.2 24.6 36.8

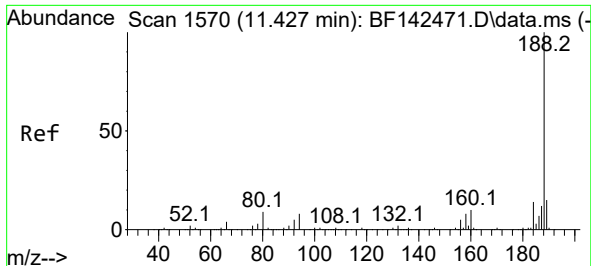


#45
2-Fluorobiphenyl
Concen: 76.249 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142594.D
Acq: 02 Jun 2025 13:26



Tgt Ion:172 Resp: 1475412
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.5 18.9 28.3

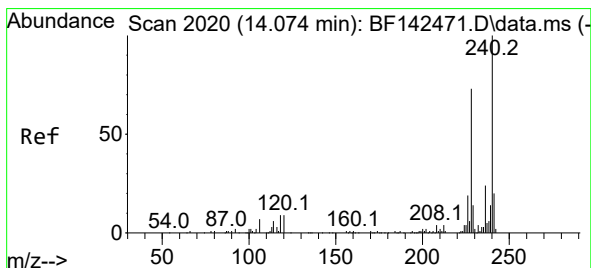
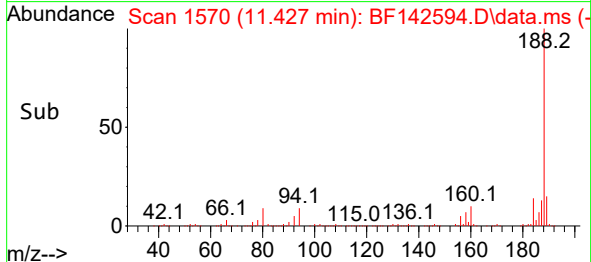
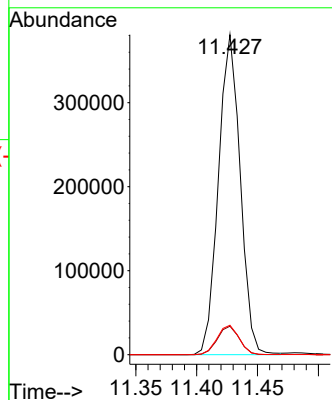
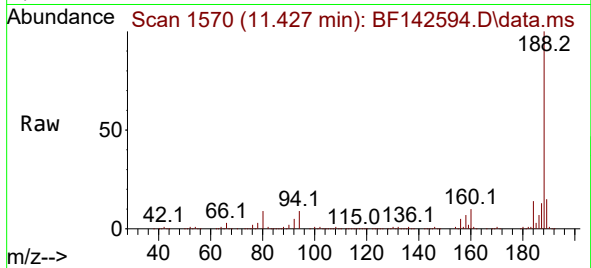




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142594.D
Acq: 02 Jun 2025 13:26

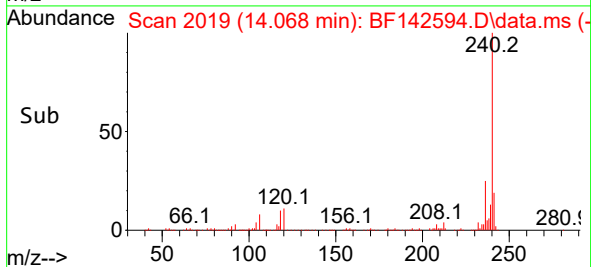
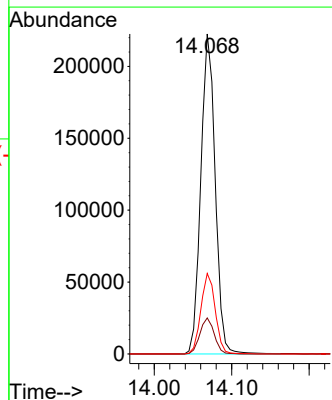
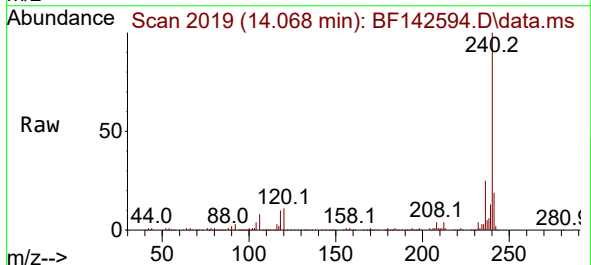
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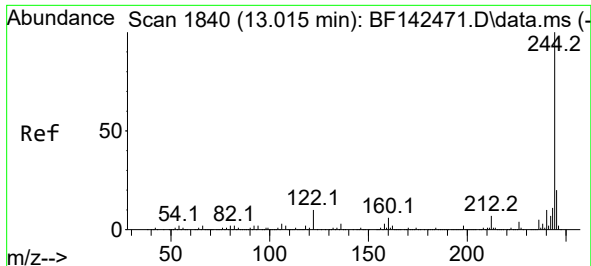
Tgt Ion:188 Resp: 474960
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.2 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142594.D
Acq: 02 Jun 2025 13:26

Tgt Ion:240 Resp: 286956
Ion Ratio Lower Upper
240 100
120 11.3 7.5 11.3
236 25.2 19.6 29.4

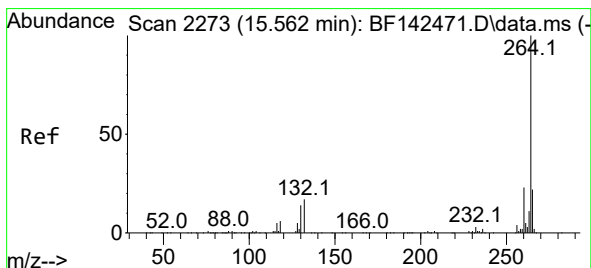
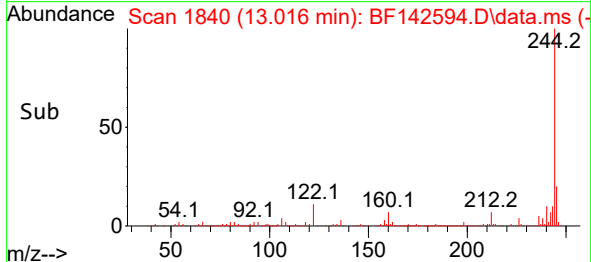
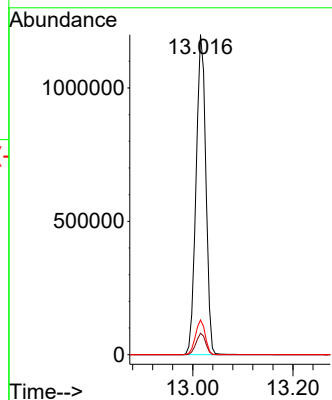
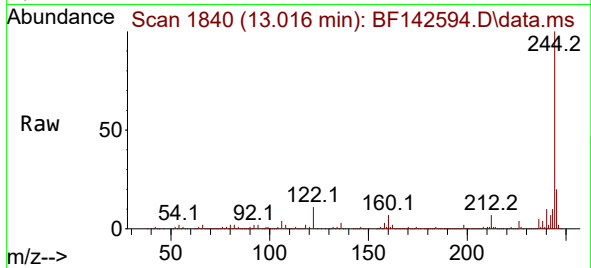




#79
 Terphenyl-d14
 Concen: 77.068 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF142594.D
 Acq: 02 Jun 2025 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB168235BL

Tgt Ion:244 Resp: 1618331
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.3 7.9
 122 10.9 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2274
 Delta R.T. 0.000 min
 Lab File: BF142594.D
 Acq: 02 Jun 2025 13:26

Tgt Ion:264 Resp: 248222
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.2 17.7 26.5

