

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142394.D
 Acq On : 15 May 2025 16:10
 Operator : RC/JU
 Sample : PB167953BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167953BL

Quant Time: May 15 16:28:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	167151	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	651521	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	343903	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	581369	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	340684	20.000	ng	0.00
86) Perylene-d12	15.551	264	283265	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1185177	121.040	ng	0.01
7) Phenol-d6	6.522	99	1424873	118.316	ng	0.00
23) Nitrobenzene-d5	7.463	82	882042	82.566	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	438629	132.104	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1808294	74.975	ng	0.00
79) Terphenyl-d14	13.010	244	1741142	75.644	ng	0.00

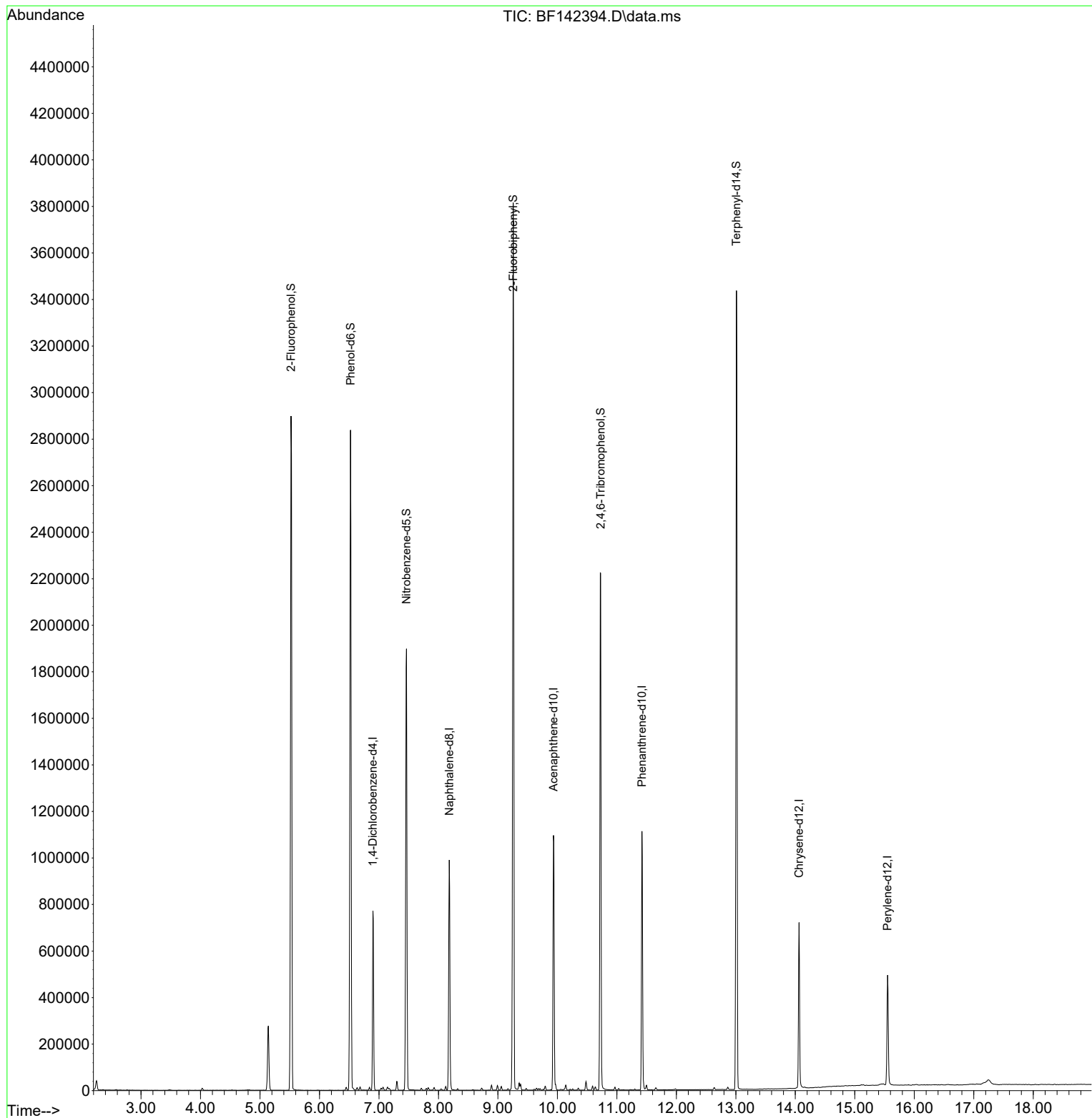
Target Compounds	Qvalue

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

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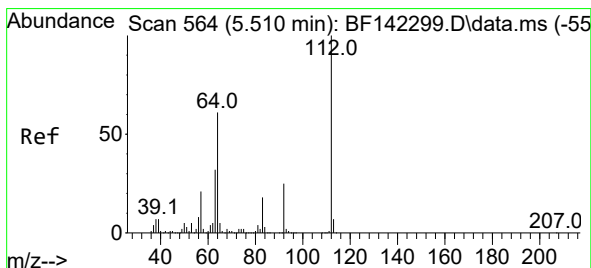
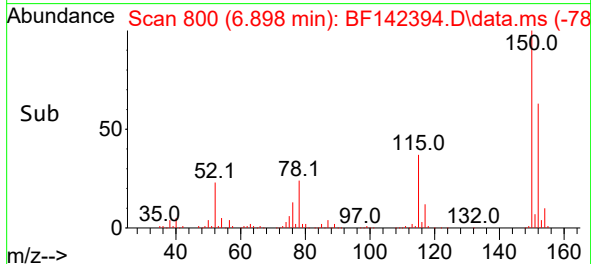
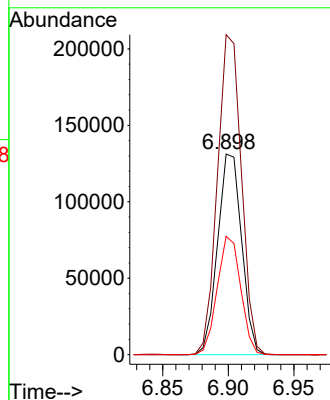
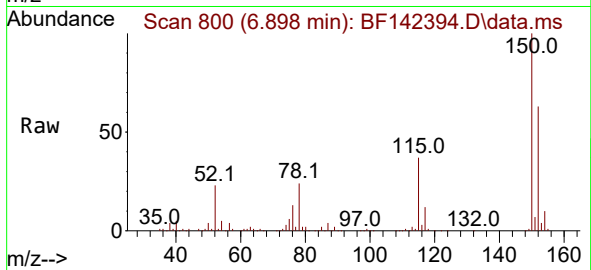




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

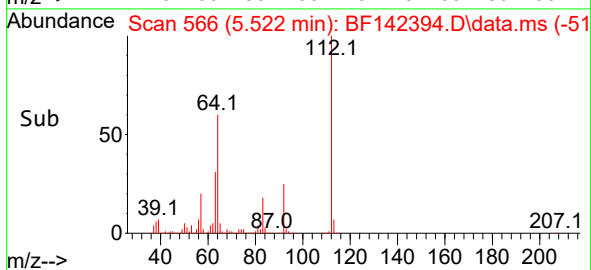
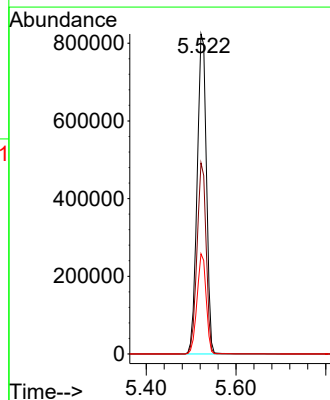
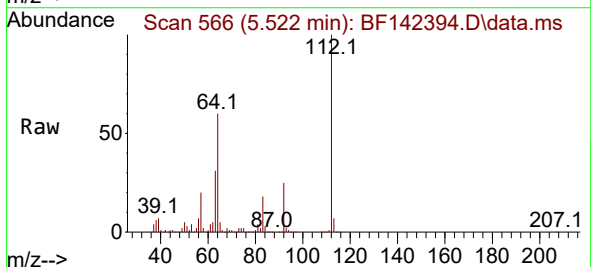
Instrument :
BNA_F
ClientSampleId :
PB167953BL

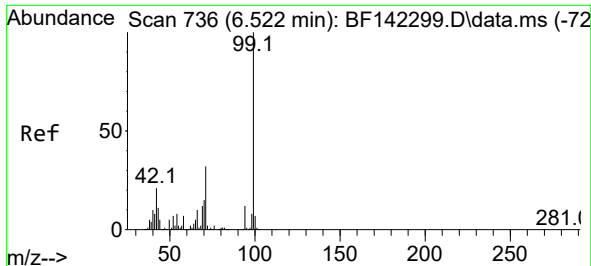
Tgt Ion:152 Resp: 167151
Ion Ratio Lower Upper
152 100
150 159.5 126.6 190.0
115 59.0 47.3 70.9



#5
2-Fluorophenol
Concen: 121.040 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Tgt Ion:112 Resp: 1185177
Ion Ratio Lower Upper
112 100
64 59.7 48.9 73.3
63 31.3 25.6 38.4

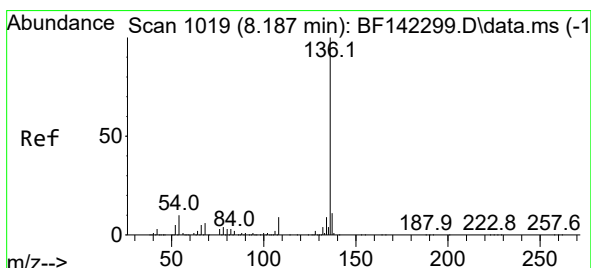
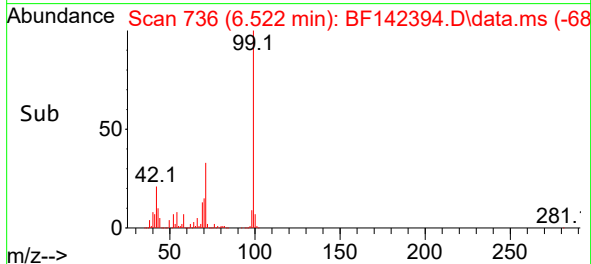
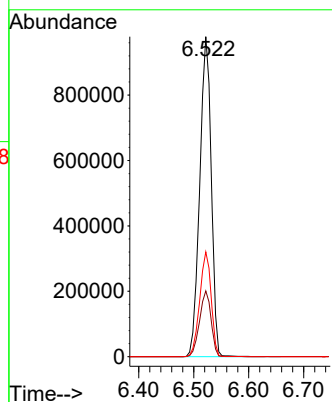
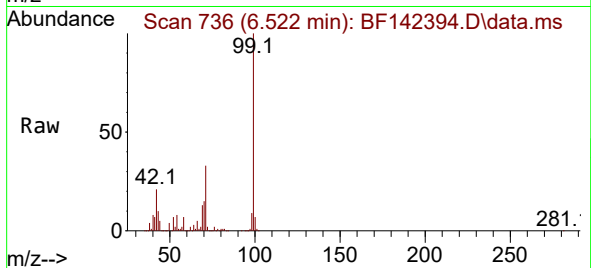




#7
Phenol-d6
Concen: 118.316 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

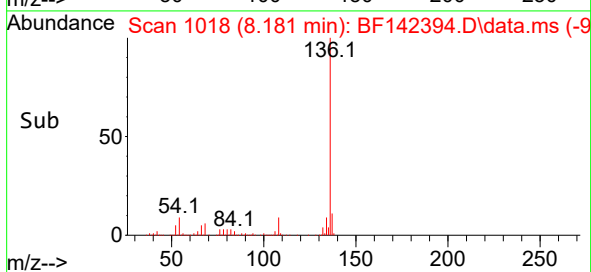
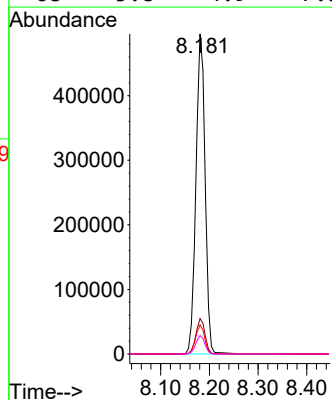
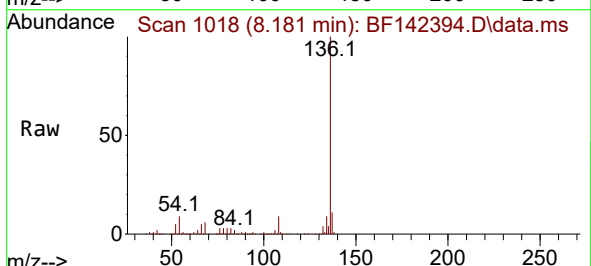
Instrument :
BNA_F
ClientSampleId :
PB167953BL

Tgt Ion: 99 Resp: 1424873
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.4
71 32.8 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Tgt Ion: 136 Resp: 651521
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.1 7.7 11.5
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 82.566 ng

RT: 7.463 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF142394.D

Acq: 15 May 2025 16:10

Instrument :

BNA_F

ClientSampleId :

PB167953BL

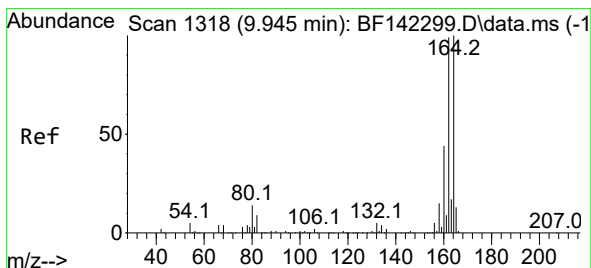
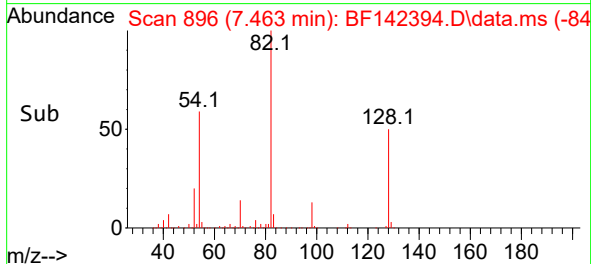
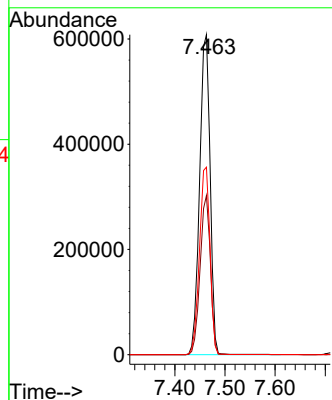
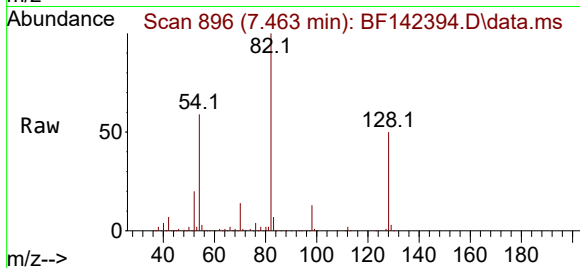
Tgt Ion: 82 Resp: 882042

Ion Ratio Lower Upper

82 100

128 49.7 37.0 55.6

54 58.6 48.6 73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142394.D

Acq: 15 May 2025 16:10

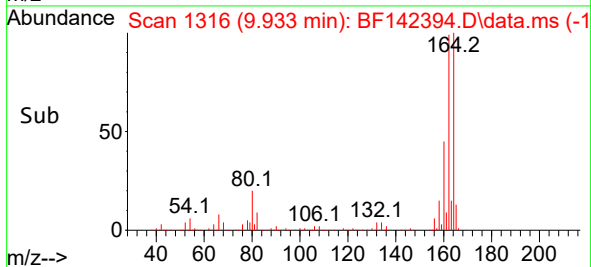
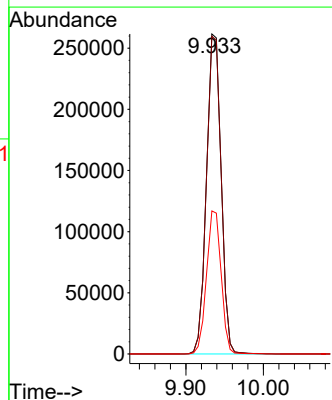
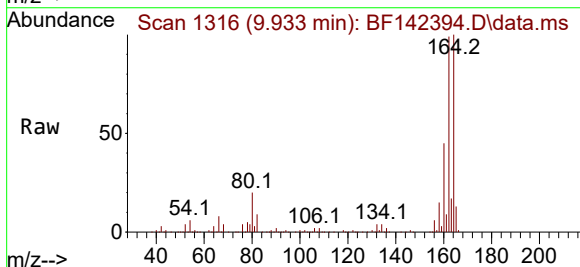
Tgt Ion: 164 Resp: 343903

Ion Ratio Lower Upper

164 100

162 99.2 79.2 118.8

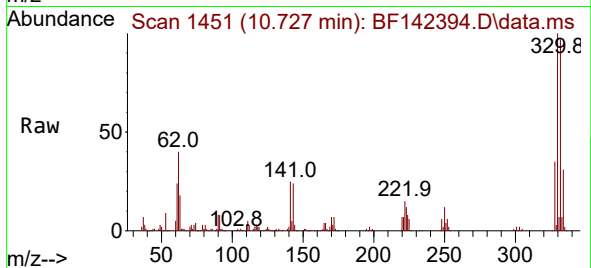
160 44.7 35.3 52.9



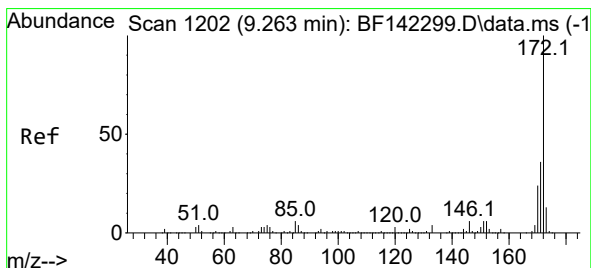
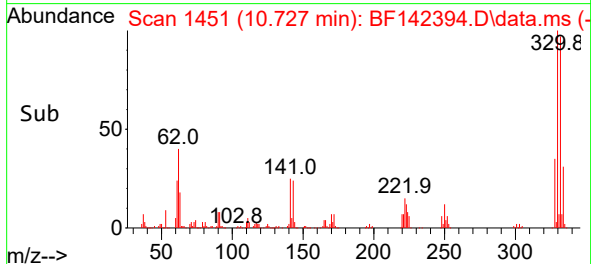
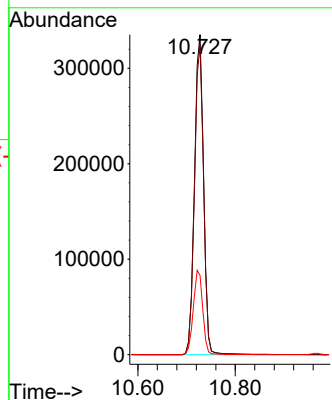


#42
2,4,6-Tribromophenol
Concen: 132.104 ng
RT: 10.727 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Instrument :
BNA_F
ClientSampleId :
PB167953BL

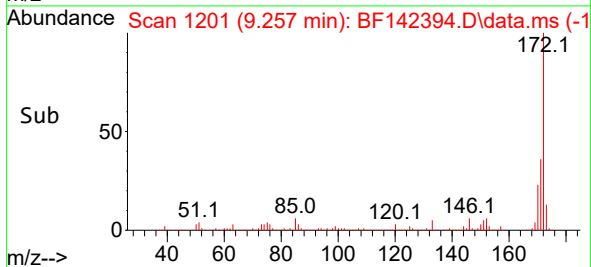
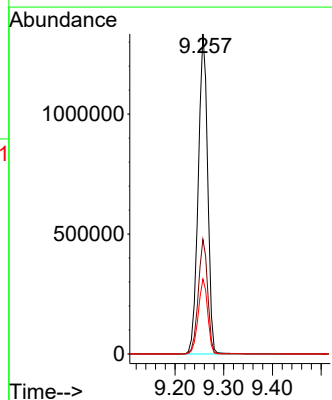
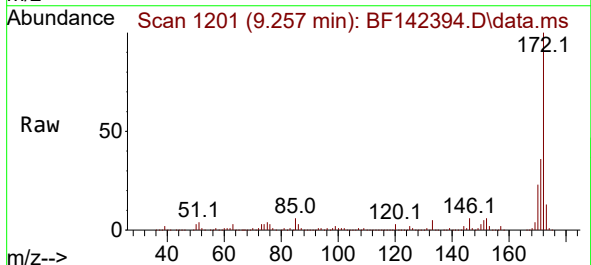


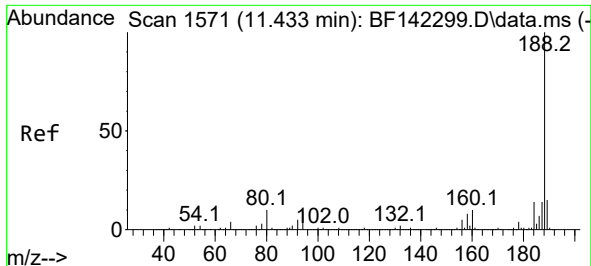
Tgt Ion:330 Resp: 438629
Ion Ratio Lower Upper
330 100
332 96.9 76.8 115.2
141 27.3 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 74.975 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Tgt Ion:172 Resp: 1808294
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.4 19.0 28.4

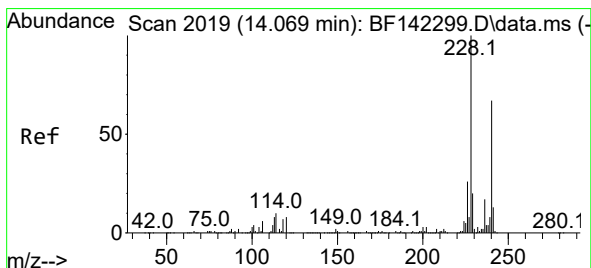
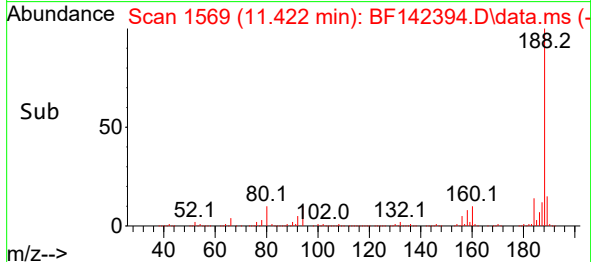
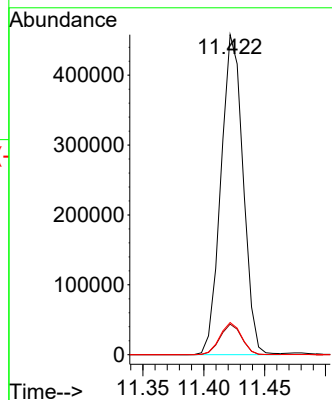
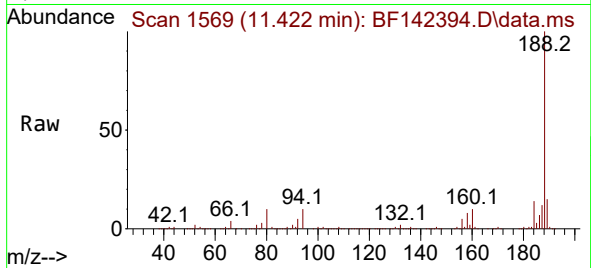




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

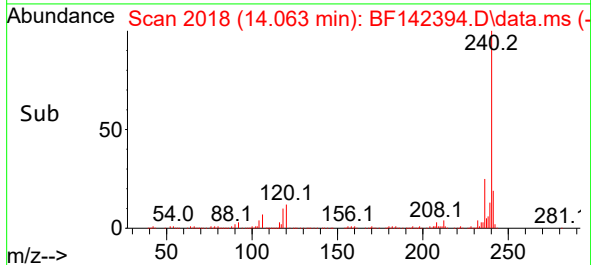
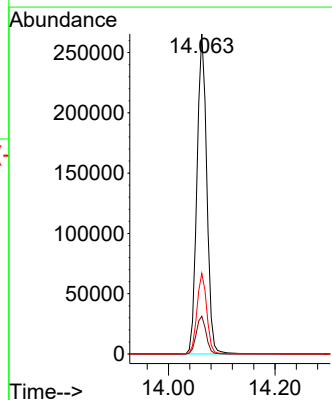
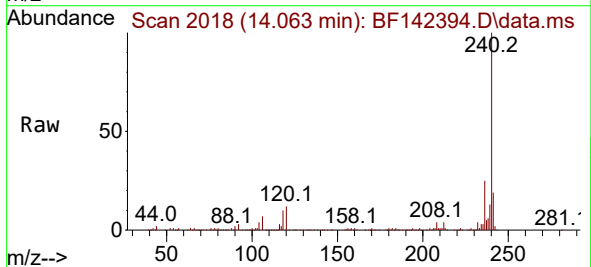
Instrument :
BNA_F
ClientSampleId :
PB167953BL

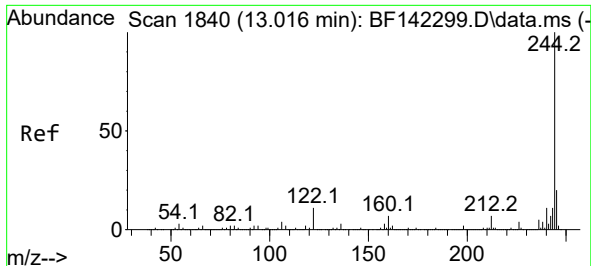
Tgt Ion:188 Resp: 581369
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Tgt Ion:240 Resp: 340684
Ion Ratio Lower Upper
240 100
120 11.8 9.7 14.5
236 25.2 20.0 30.0

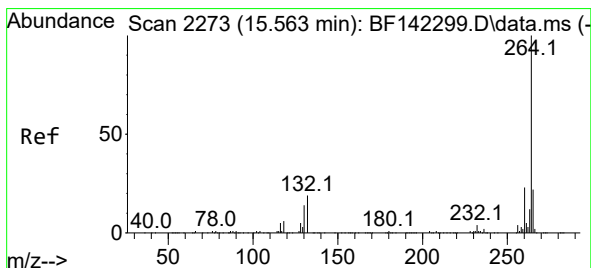
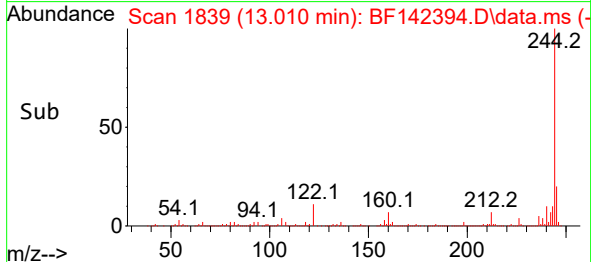
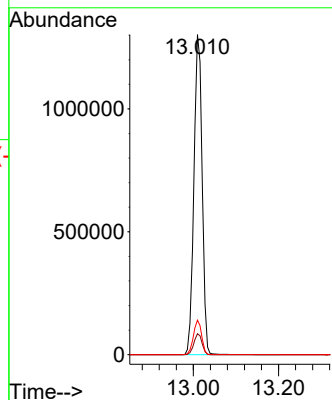
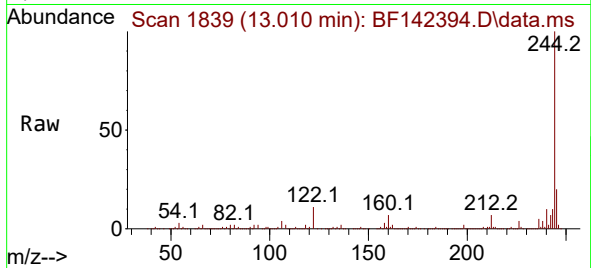




#79
 Terphenyl-d14
 Concen: 75.644 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142394.D
 Acq: 15 May 2025 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB167953BL

Tgt Ion:244 Resp: 1741142
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.8 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2271
 Delta R.T. -0.012 min
 Lab File: BF142394.D
 Acq: 15 May 2025 16:10

Tgt Ion:264 Resp: 283265
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.5 17.5 26.3

