

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142648.D
 Acq On : 06 Jun 2025 16:00
 Operator : RC/JU
 Sample : Q2208-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-703-COMP-08

Quant Time: Jun 06 16:30:23 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	6.893	152	123558	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	471726	20.000	ng	-0.01
39) Acenaphthene-d10	9.934	164	259328	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	418847	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	235205	20.000	ng	-0.01
86) Perylene-d12	15.563	264	268492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	511512	69.746	ng	0.00
7) Phenol-d6	6.516	99	681905	77.241	ng	-0.02
23) Nitrobenzene-d5	7.451	82	344021	39.767	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	195724	68.002	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	672564	34.801	ng	-0.02
79) Terphenyl-d14	13.010	244	697595	40.530	ng	0.00

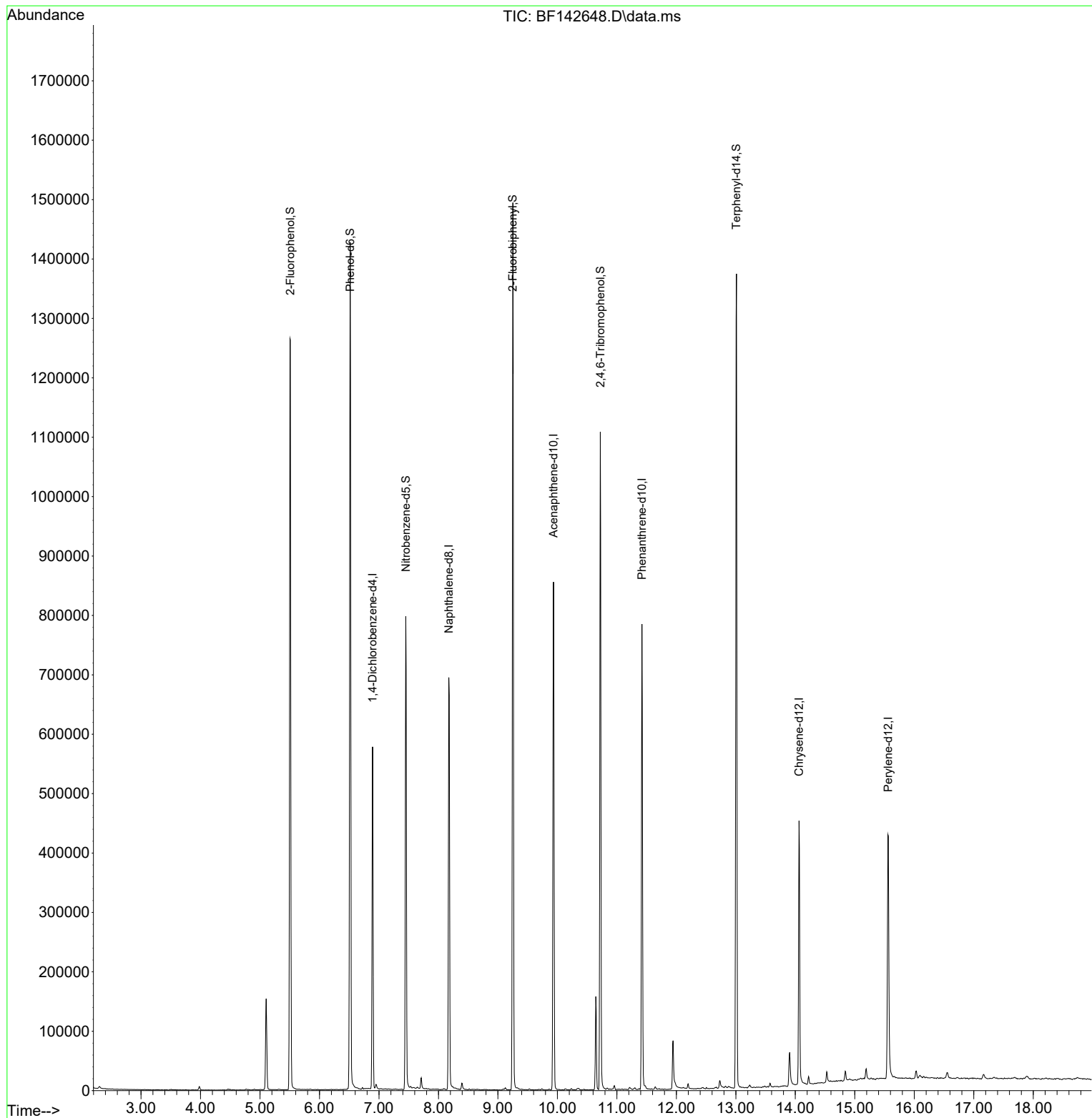
Target Compounds	Qvalue

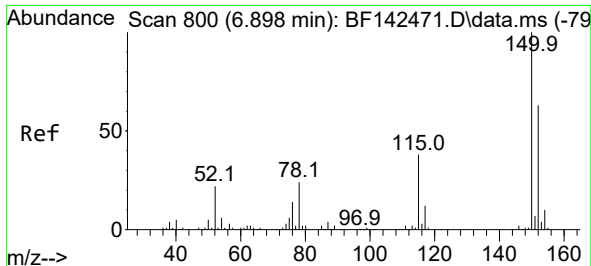
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142648.D
Acq On : 06 Jun 2025 16:00
Operator : RC/JU
Sample : Q2208-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-08

Quant Time: Jun 06 16:30:23 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

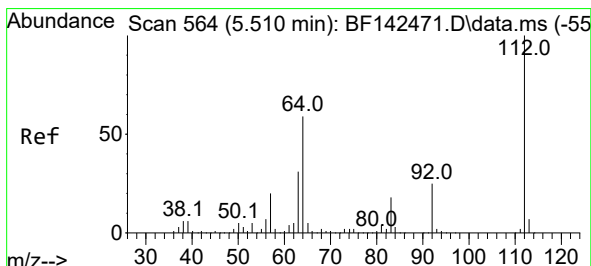
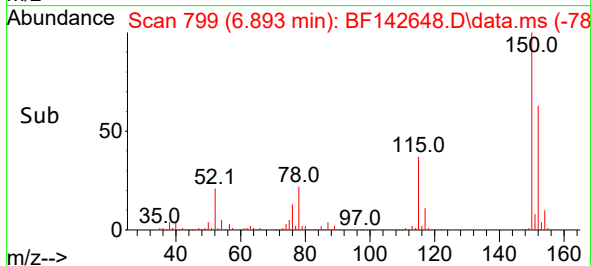
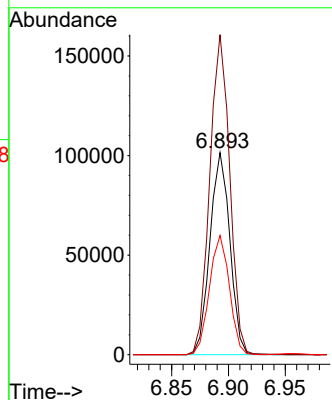
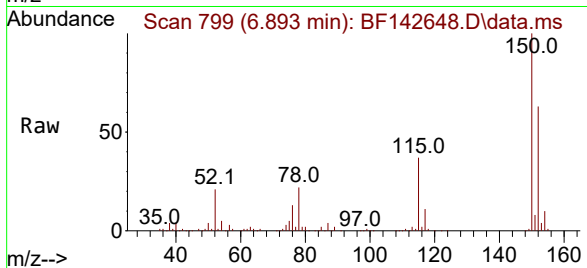




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF142648.D
Acq: 06 Jun 2025 16:00

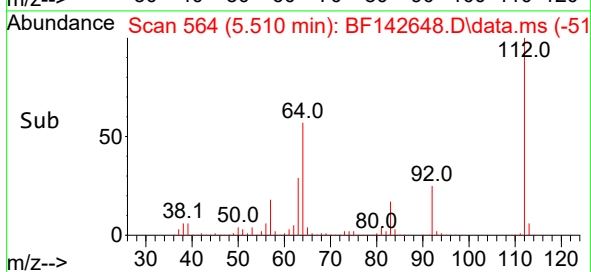
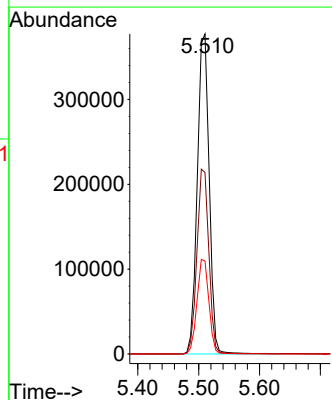
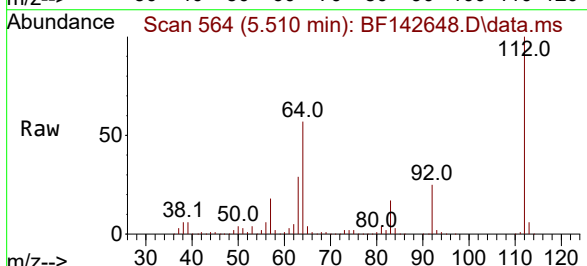
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-08

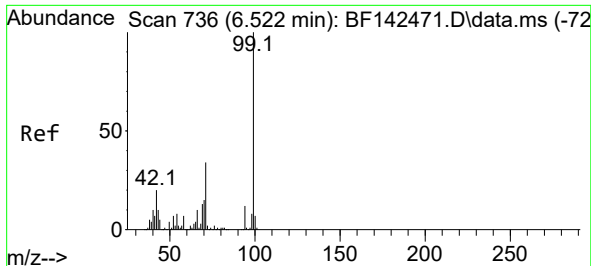
Tgt Ion:152 Resp: 123558
Ion Ratio Lower Upper
152 100
150 158.4 128.2 192.4
115 59.0 48.3 72.5



#5
2-Fluorophenol
Concen: 69.746 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142648.D
Acq: 06 Jun 2025 16:00

Tgt Ion:112 Resp: 511512
Ion Ratio Lower Upper
112 100
64 56.7 47.5 71.3
63 29.1 24.9 37.3

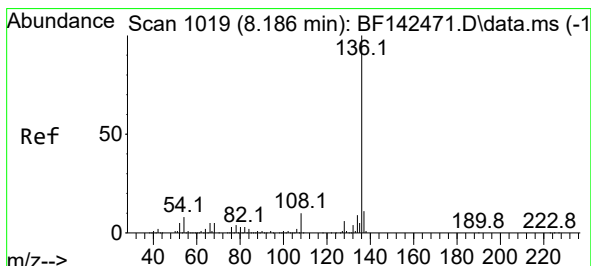
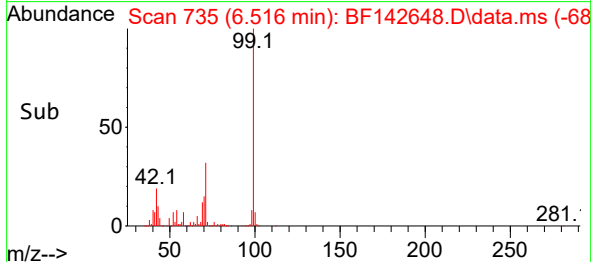
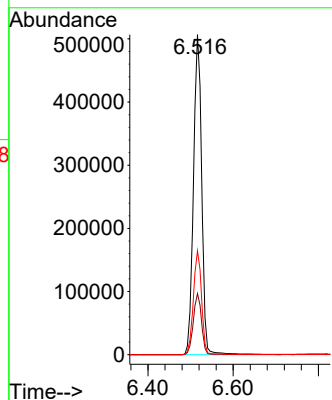
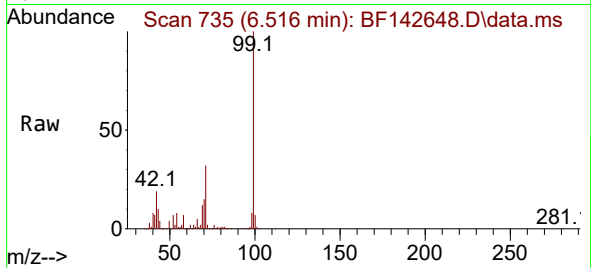




#7
Phenol-d6
Concen: 77.241 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF142648.D
Acq: 06 Jun 2025 16:00

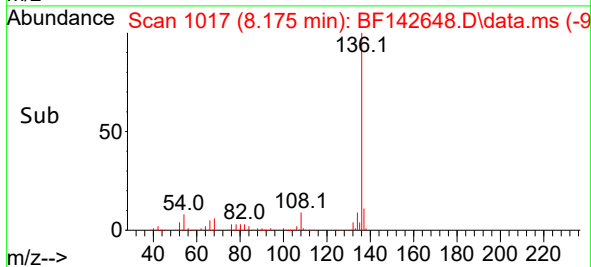
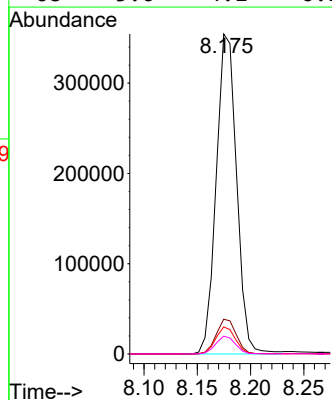
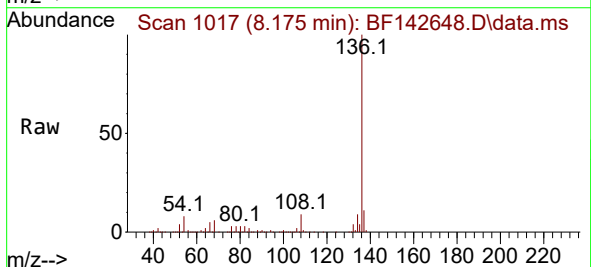
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-08

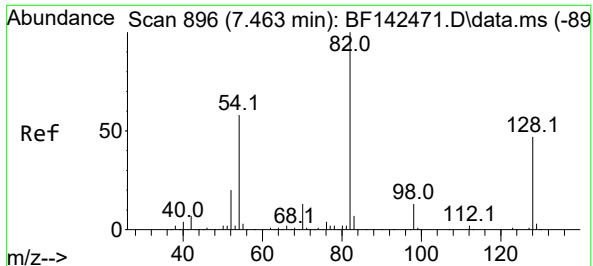
Tgt Ion: 99 Resp: 681905
Ion Ratio Lower Upper
99 100
42 19.1 16.2 24.2
71 32.5 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF142648.D
Acq: 06 Jun 2025 16:00

Tgt Ion: 136 Resp: 471726
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.4 6.6 10.0
68 5.6 4.1 6.1





#23

Nitrobenzene-d5

Concen: 39.767 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.023 min

Lab File: BF142648.D

Acq: 06 Jun 2025 16:00

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-08

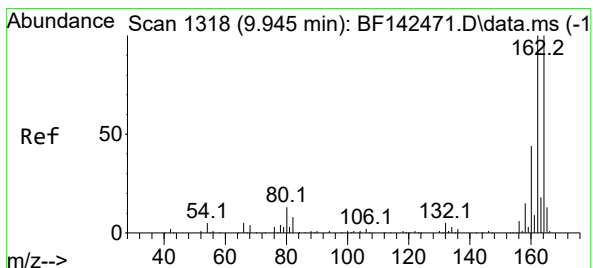
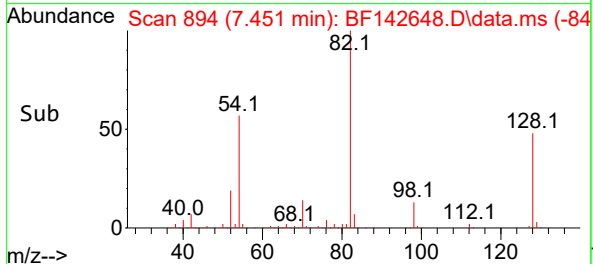
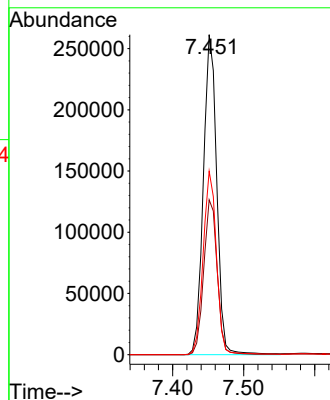
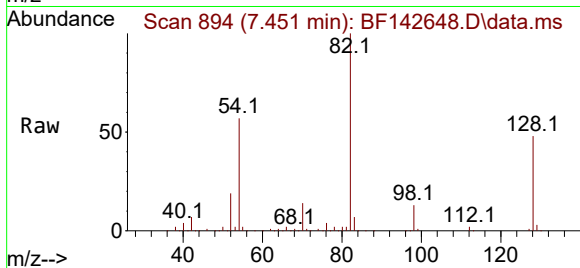
Tgt Ion: 82 Resp: 344021

Ion Ratio Lower Upper

82 100

128 48.4 37.4 56.2

54 57.3 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142648.D

Acq: 06 Jun 2025 16:00

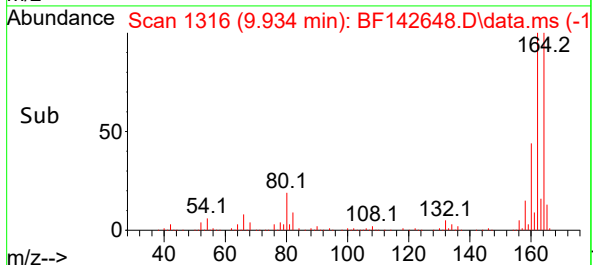
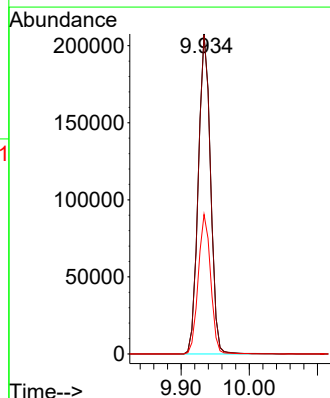
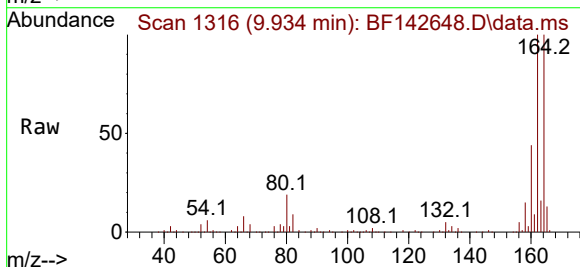
Tgt Ion:164 Resp: 259328

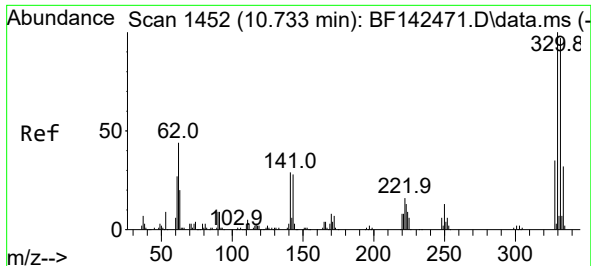
Ion Ratio Lower Upper

164 100

162 99.7 80.2 120.4

160 43.6 35.6 53.4

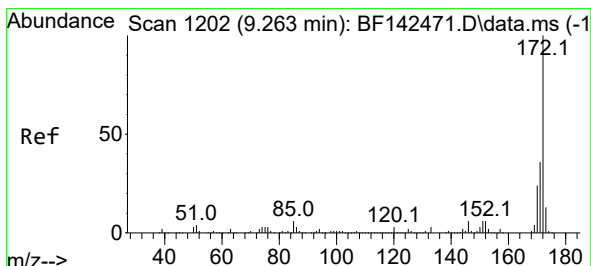
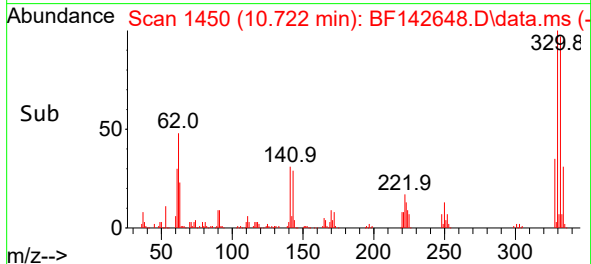
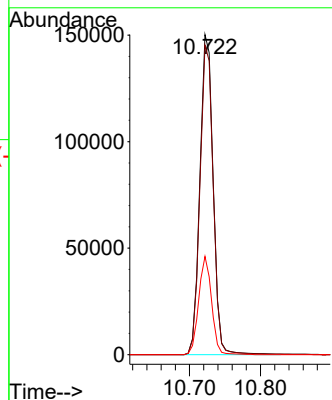
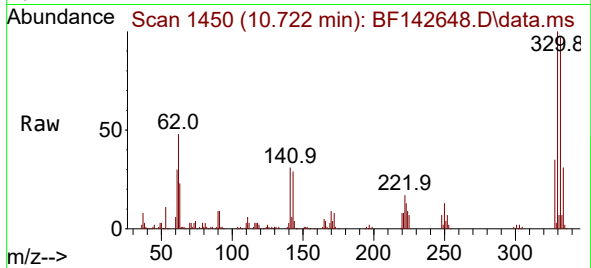




#42
2,4,6-Tribromophenol
Concen: 68.002 ng
RT: 10.722 min Scan# 1452
Delta R.T. -0.017 min
Lab File: BF142648.D
Acq: 06 Jun 2025 16:00

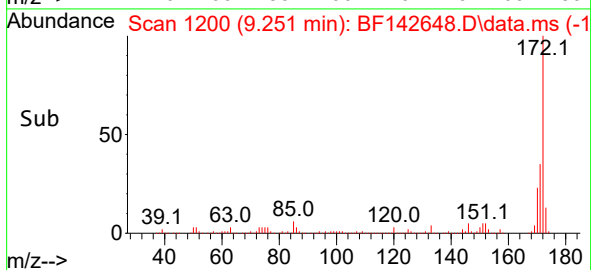
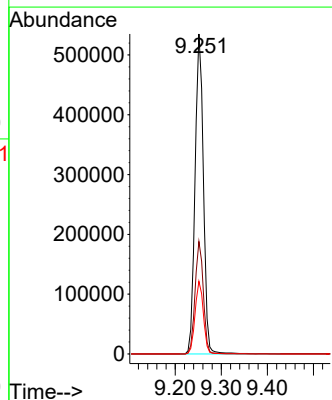
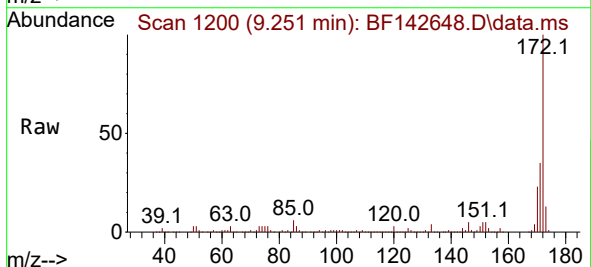
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-08

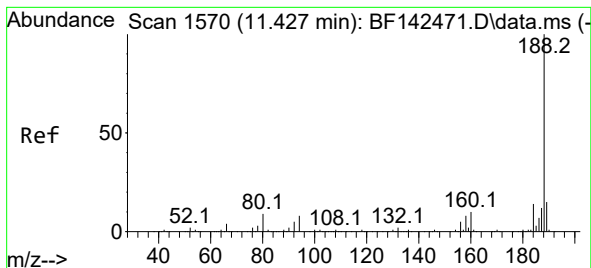
Tgt Ion: 330 Resp: 195724
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 29.8 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 34.801 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.017 min
Lab File: BF142648.D
Acq: 06 Jun 2025 16:00

Tgt Ion: 172 Resp: 672564
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 22.7 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: BF142648.D

Acq: 06 Jun 2025 16:00

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-08

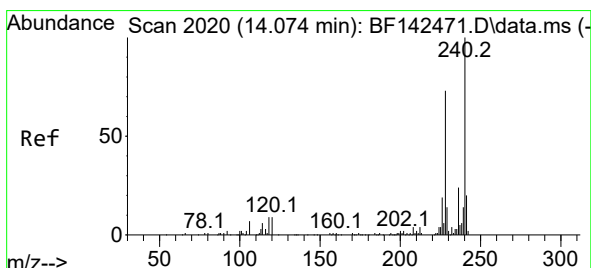
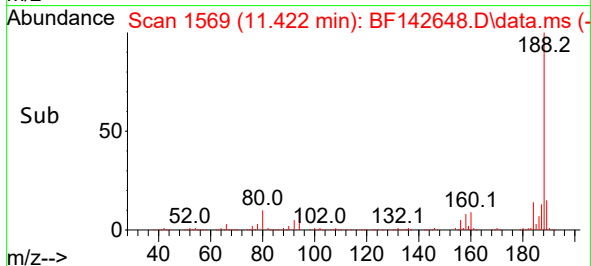
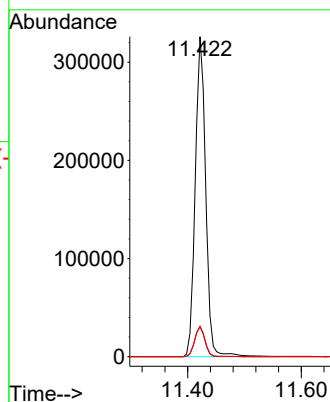
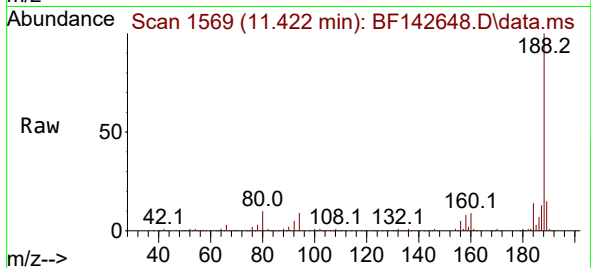
Tgt Ion:188 Resp: 418847

Ion Ratio Lower Upper

188 100

94 9.3 6.6 10.0

80 9.5 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: BF142648.D

Acq: 06 Jun 2025 16:00

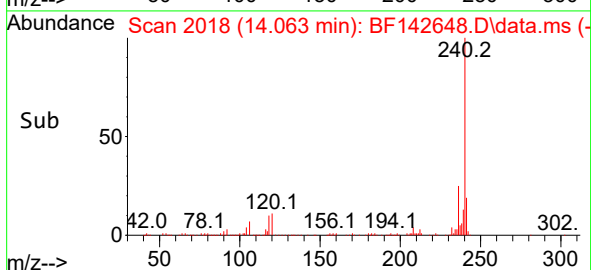
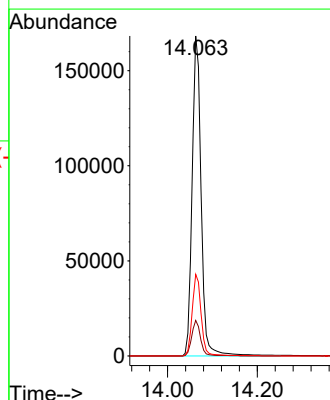
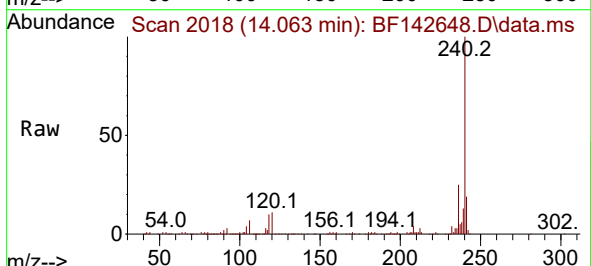
Tgt Ion:240 Resp: 235205

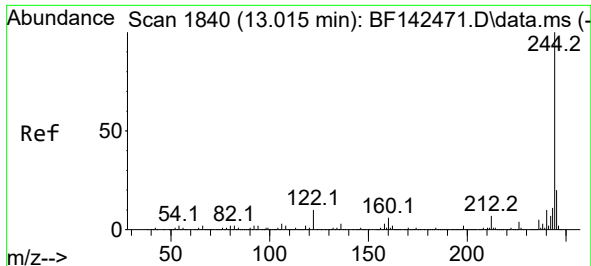
Ion Ratio Lower Upper

240 100

120 11.1 7.5 11.3

236 25.5 19.6 29.4

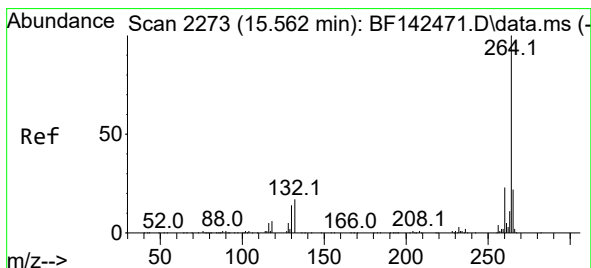
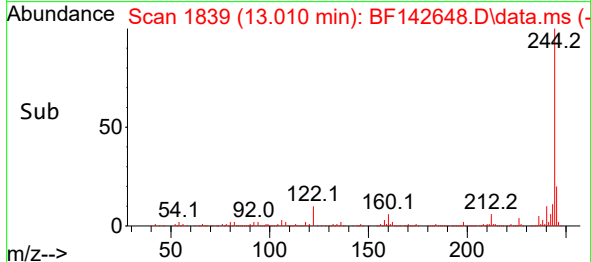
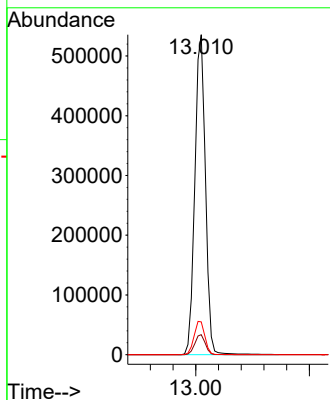
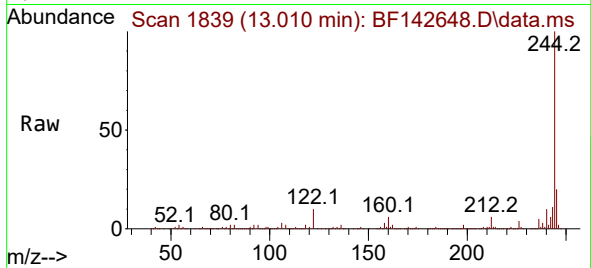




#79
 Terphenyl-d14
 Concen: 40.530 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142648.D
 Acq: 06 Jun 2025 16:00

Instrument :
 BNA_F
 ClientSampleId :
 BU-703-COMP-08

Tgt Ion:244 Resp: 697595
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 10.3 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF142648.D
 Acq: 06 Jun 2025 16:00

Tgt Ion:264 Resp: 268492
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.0 17.7 26.5

