

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142897.D
 Acq On : 27 Jun 2025 17:12
 Operator : RC/JU
 Sample : Q2414-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Jun 27 18:04:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	59380	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	207002	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	97999	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	155293	20.000	ng	0.00
76) Chrysene-d12	14.051	240	151514	20.000	ng	0.00
86) Perylene-d12	15.545	264	107020	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	408956	114.665	ng	0.01
7) Phenol-d6	6.510	99	427639	101.630	ng	0.00
23) Nitrobenzene-d5	7.440	82	312333	82.761	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	131480	130.375	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	630395	84.504	ng	-0.01
79) Terphenyl-d14	12.998	244	680803	62.084	ng	0.00

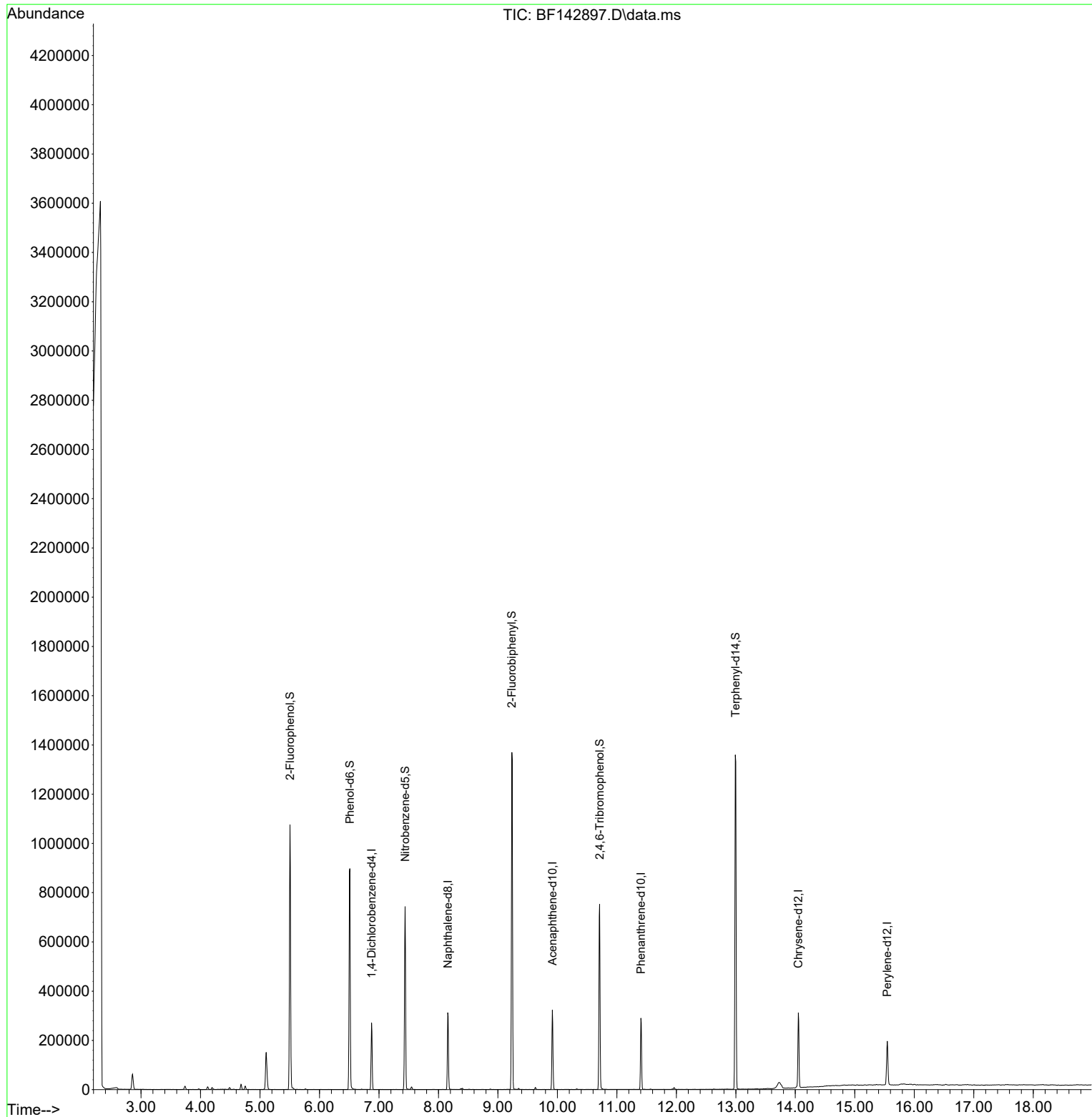
Target Compounds	Qvalue

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

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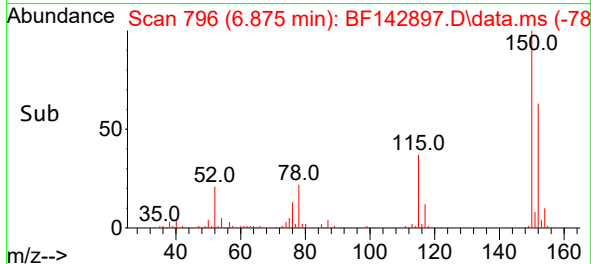
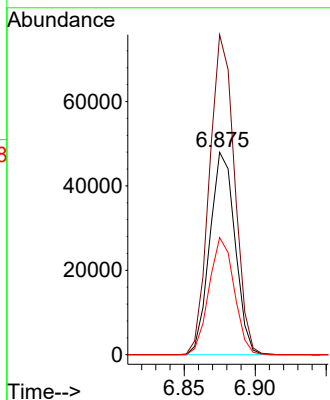
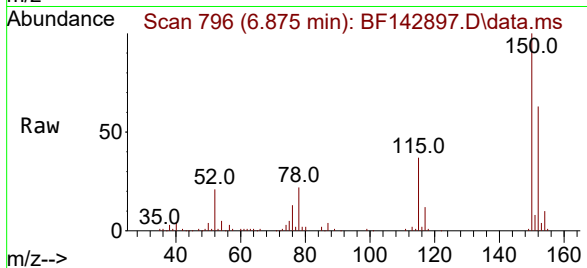




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF142897.D
Acq: 27 Jun 2025 17:12

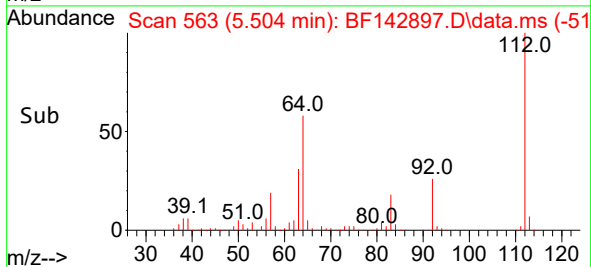
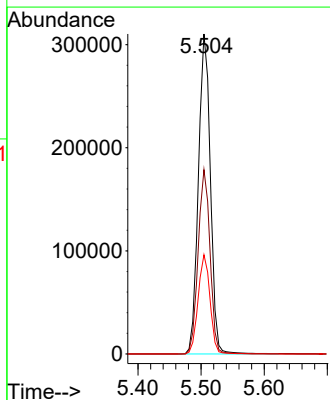
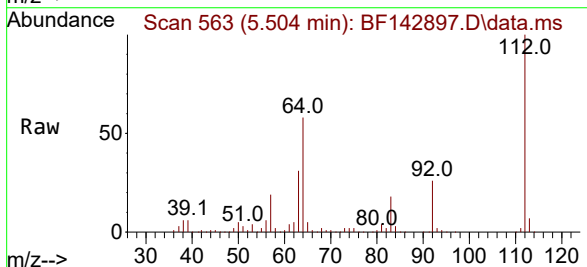
Instrument :
BNA_F
ClientSampleId :
WC-1

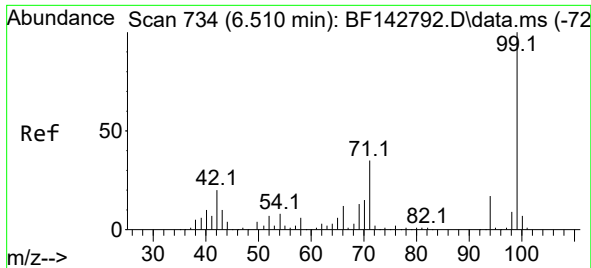
Tgt Ion:152 Resp: 59380
Ion Ratio Lower Upper
152 100
150 158.0 127.2 190.8
115 57.9 46.6 69.8



#5
2-Fluorophenol
Concen: 114.665 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF142897.D
Acq: 27 Jun 2025 17:12

Tgt Ion:112 Resp: 408956
Ion Ratio Lower Upper
112 100
64 57.6 48.2 72.2
63 31.0 25.7 38.5

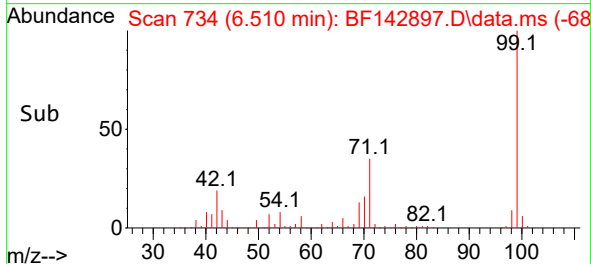
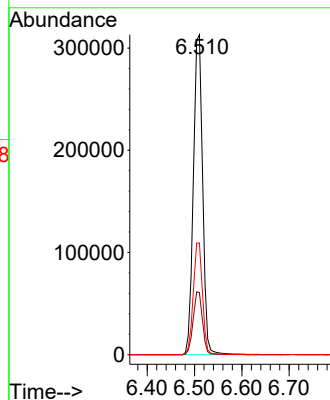
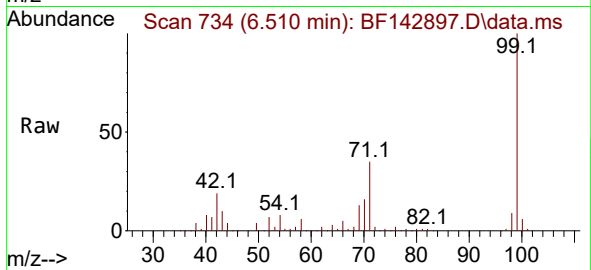




#7
Phenol-d6
Concen: 101.630 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142897.D
Acq: 27 Jun 2025 17:12

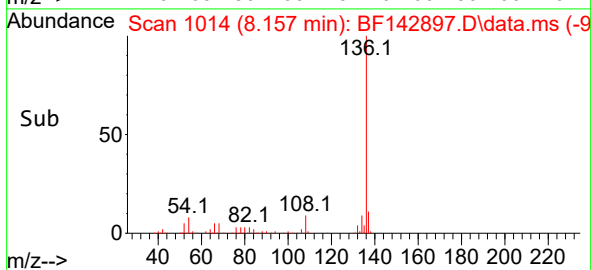
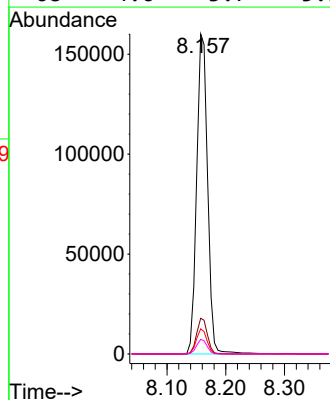
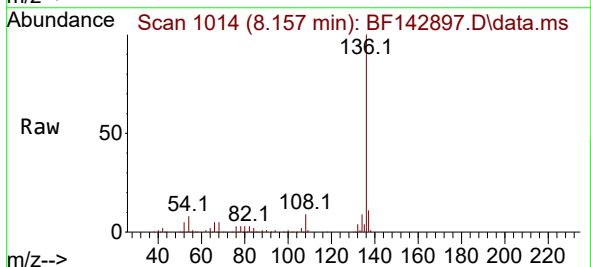
Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 99 Resp: 427639
Ion Ratio Lower Upper
99 100
42 19.4 15.9 23.9
71 34.9 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142897.D
Acq: 27 Jun 2025 17:12

Tgt Ion: 136 Resp: 207002
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.8 6.3 9.5
68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: 82.761 ng

RT: 7.440 min Scan# 89

Delta R.T. -0.005 min

Lab File: BF142897.D

Acq: 27 Jun 2025 17:12

Instrument :

BNA_F

ClientSampleId :

WC-1

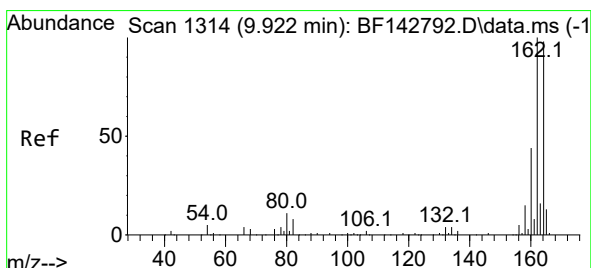
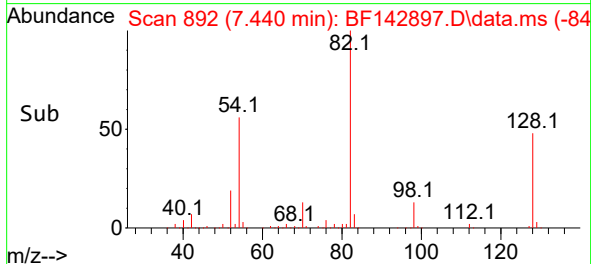
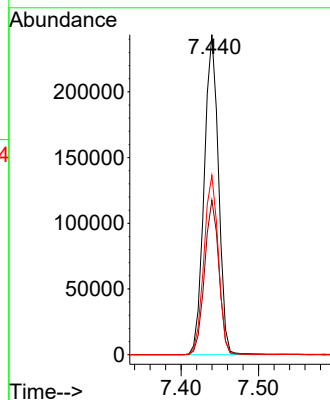
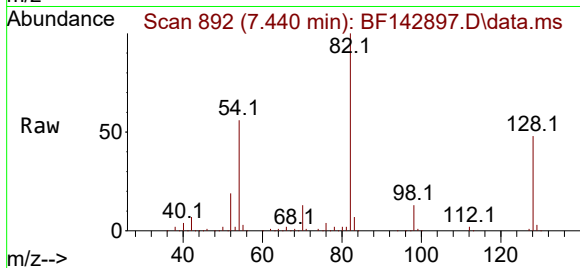
Tgt Ion: 82 Resp: 312333

Ion Ratio Lower Upper

82 100

128 48.3 37.7 56.5

54 56.0 45.7 68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF142897.D

Acq: 27 Jun 2025 17:12

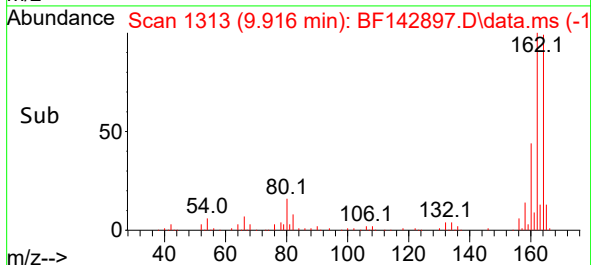
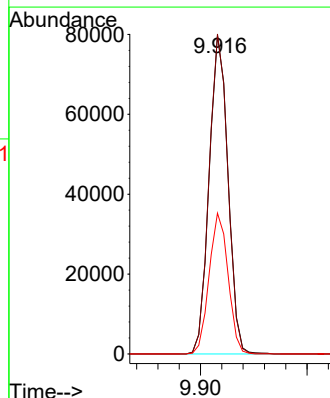
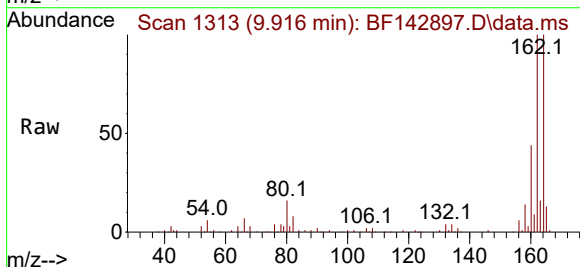
Tgt Ion:164 Resp: 97999

Ion Ratio Lower Upper

164 100

162 100.4 81.8 122.8

160 44.2 36.0 54.0

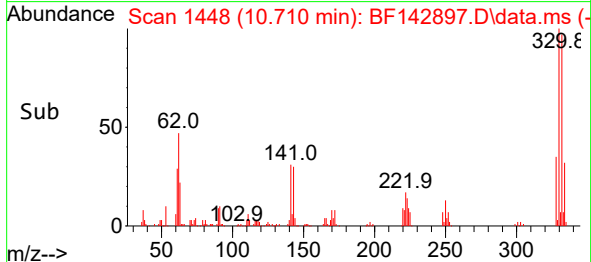
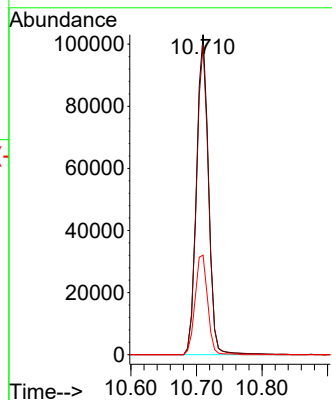
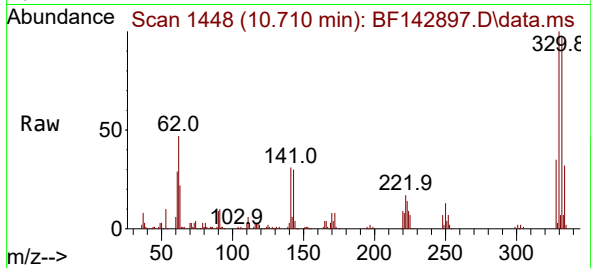




#42
2,4,6-Tribromophenol
Concen: 130.375 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142897.D
Acq: 27 Jun 2025 17:12

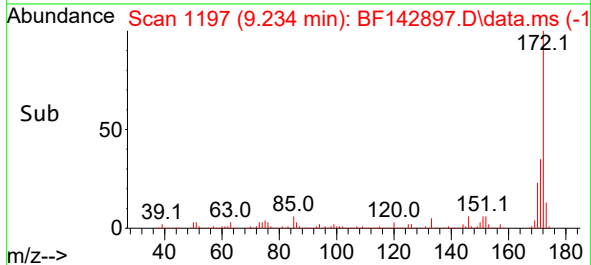
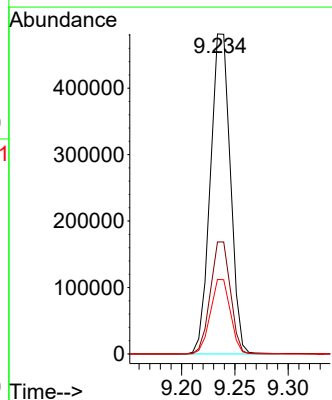
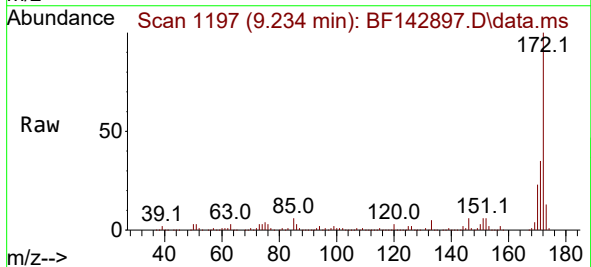
Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:330 Resp: 131480
Ion Ratio Lower Upper
330 100
332 96.6 75.0 112.6
141 32.4 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 84.504 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.011 min
Lab File: BF142897.D
Acq: 27 Jun 2025 17:12

Tgt Ion:172 Resp: 630395
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.3 18.5 27.7

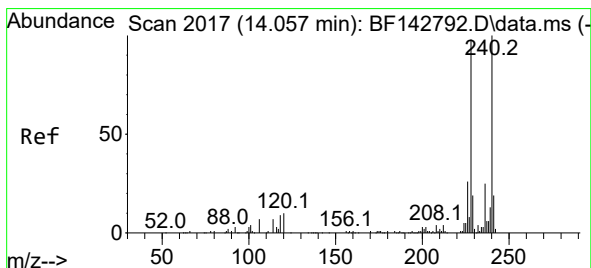
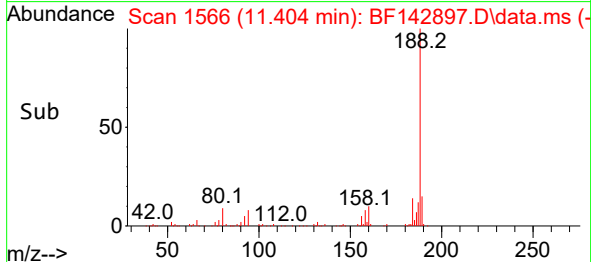
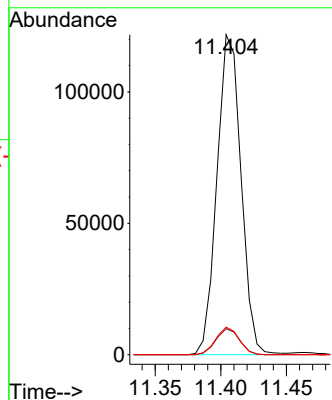
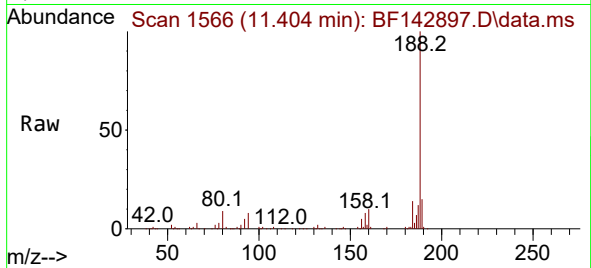




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142897.D
Acq: 27 Jun 2025 17:12

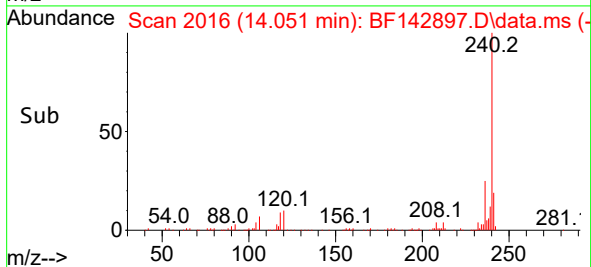
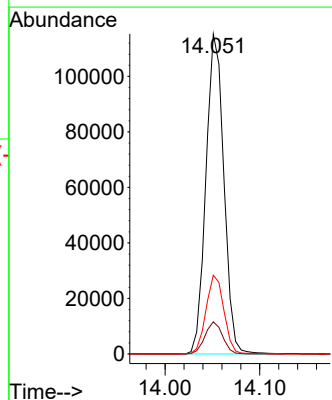
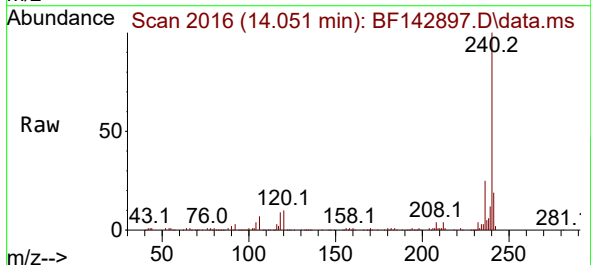
Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:188 Resp: 155293
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.6 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142897.D
Acq: 27 Jun 2025 17:12

Tgt Ion:240 Resp: 151514
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 24.6 19.8 29.8

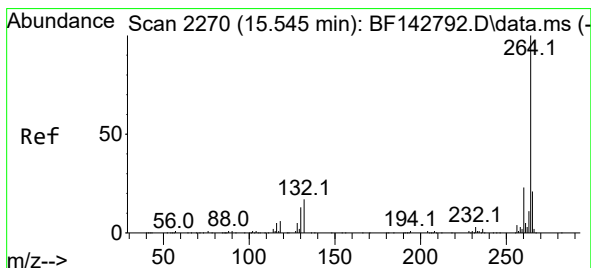
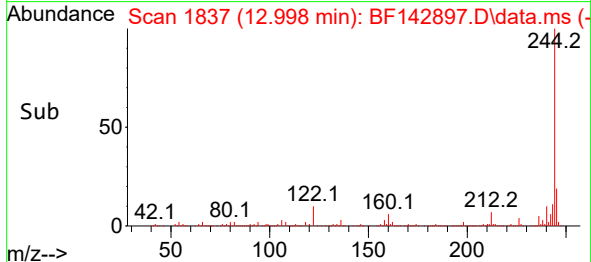
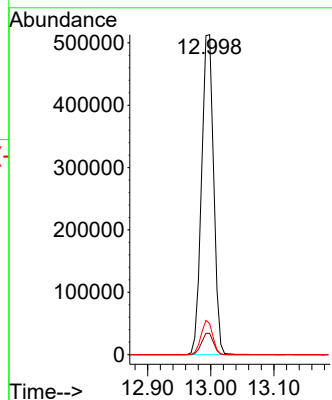
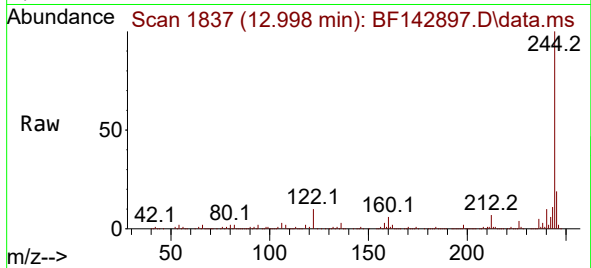




#79
 Terphenyl-d14
 Concen: 62.084 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF142897.D
 Acq: 27 Jun 2025 17:12

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion:244 Resp: 680803
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.7 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF142897.D
 Acq: 27 Jun 2025 17:12

Tgt Ion:264 Resp: 107020
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.1 27.1
 265 22.1 16.6 25.0

