

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143127.D
 Acq On : 17 Jul 2025 00:37
 Operator : RC/JU
 Sample : Q2614-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-MCN-COMP-01

Quant Time: Jul 17 03:47:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:53:25 2025
 Response via : Initial Calibration

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

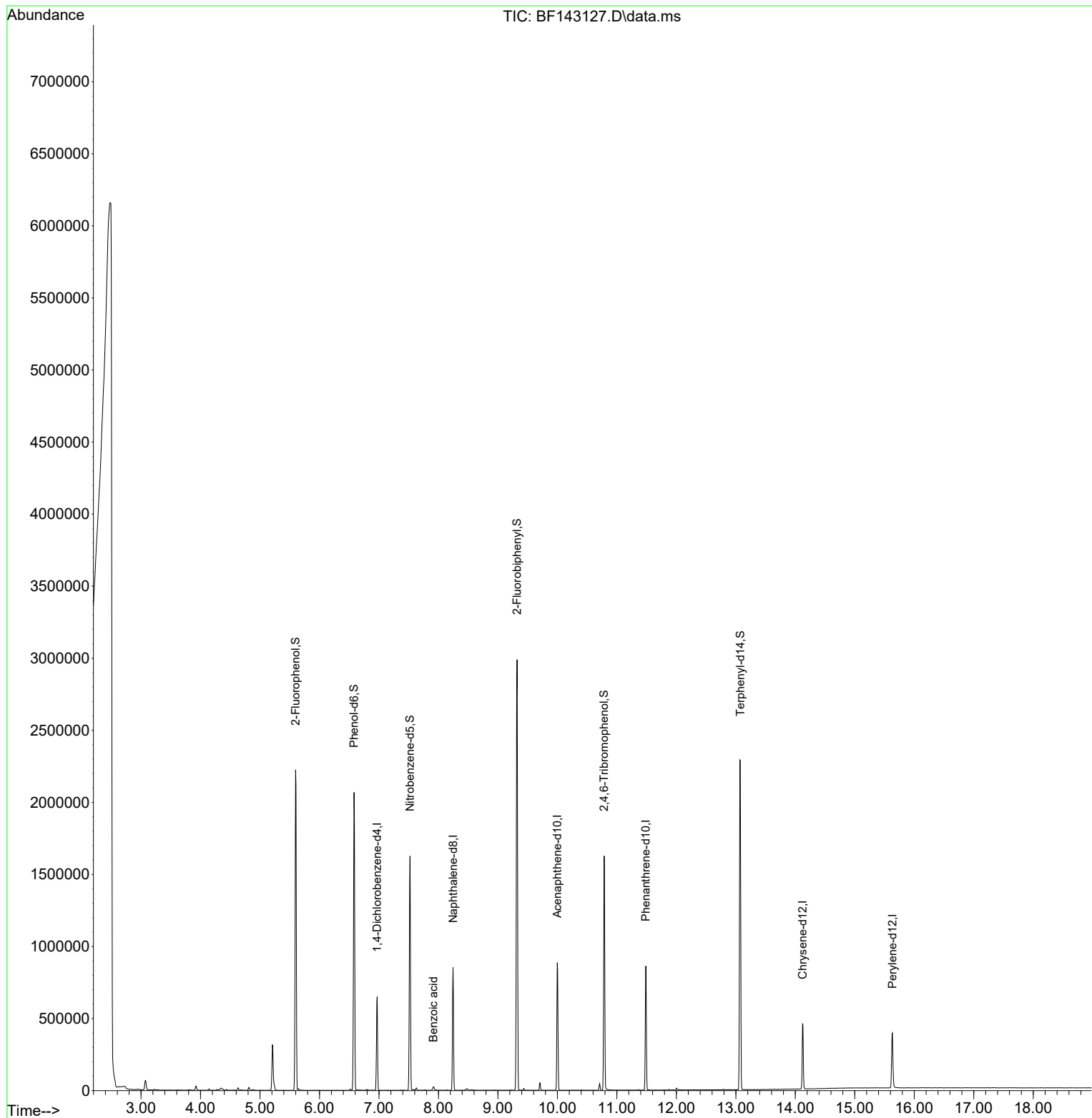
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	133879	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	507038	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	260806	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	420324	20.000	ng	0.00
76) Chrysene-d12	14.121	240	221792	20.000	ng	0.00
86) Perylene-d12	15.633	264	225764	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	819443	96.704	ng	0.01
7) Phenol-d6	6.581	99	958300	89.969	ng	0.00
23) Nitrobenzene-d5	7.522	82	698847	77.320	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	271480	116.741	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1337815	68.186	ng	0.00
79) Terphenyl-d14	13.074	244	1146499	75.565	ng	0.00
Target Compounds						
32) Benzoic acid	7.916	122	8309	8.298	ng	Qvalue 99

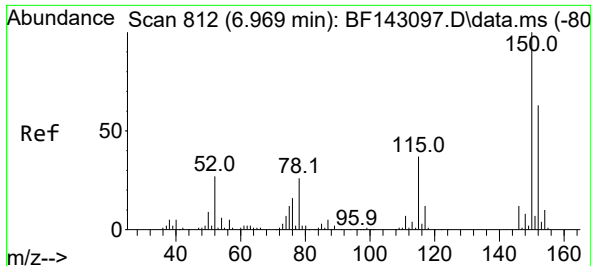
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143127.D
Acq On : 17 Jul 2025 00:37
Operator : RC/JU
Sample : Q2614-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-MCN-COMP-01

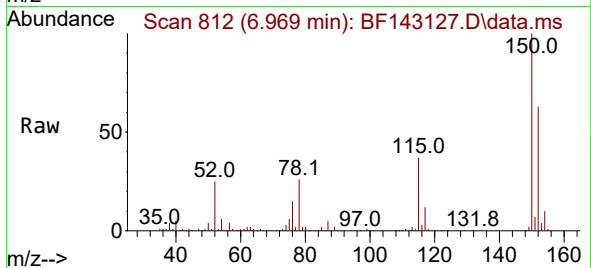
Quant Time: Jul 17 03:47:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration



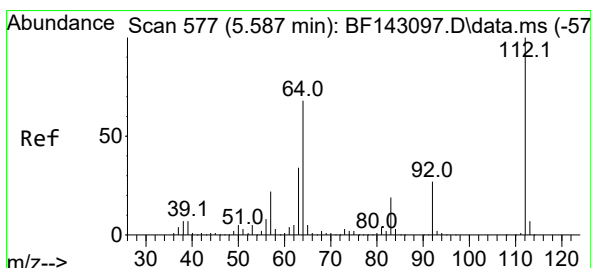
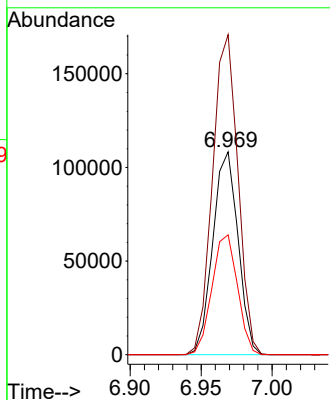
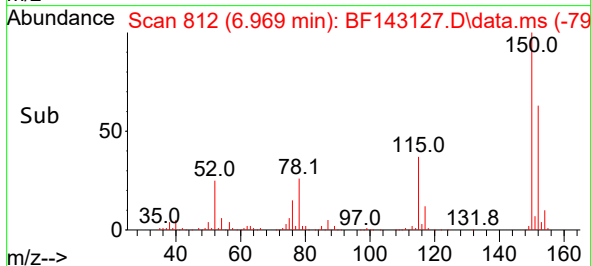


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37

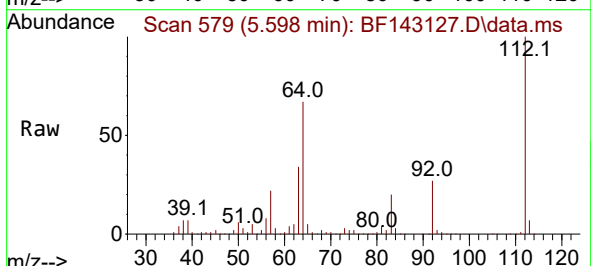
Instrument :
BNA_F
ClientSampleId :
HR-MCN-COMP-01



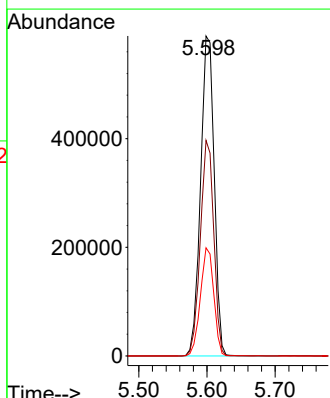
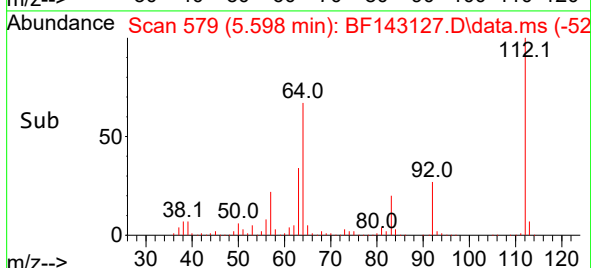
Tgt Ion:152 Resp: 133879
Ion Ratio Lower Upper
152 100
150 157.7 126.5 189.7
115 59.1 47.0 70.6

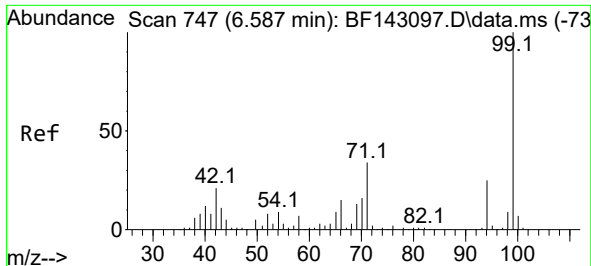


#5
2-Fluorophenol
Concen: 96.704 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37



Tgt Ion:112 Resp: 819443
Ion Ratio Lower Upper
112 100
64 67.4 54.6 82.0
63 33.8 27.3 40.9

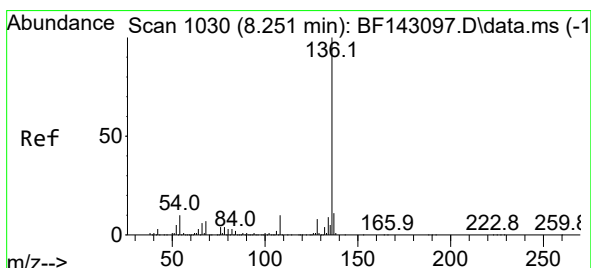
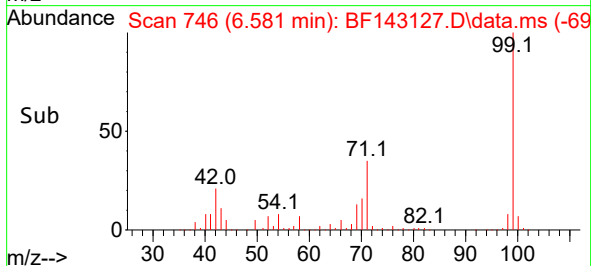
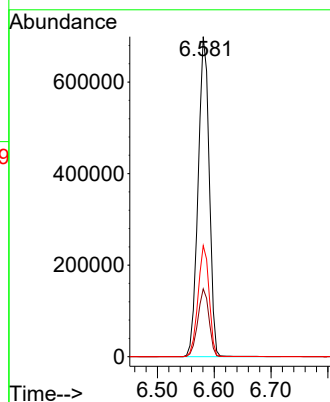
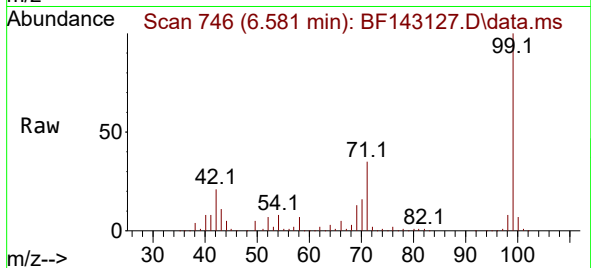




#7
Phenol-d6
Concen: 89.969 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37

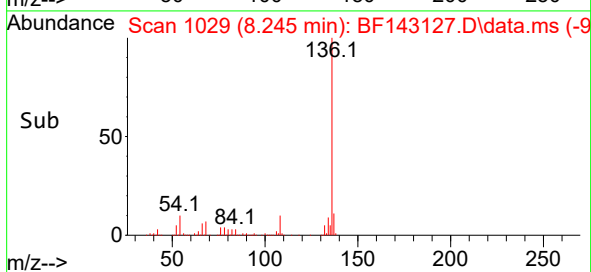
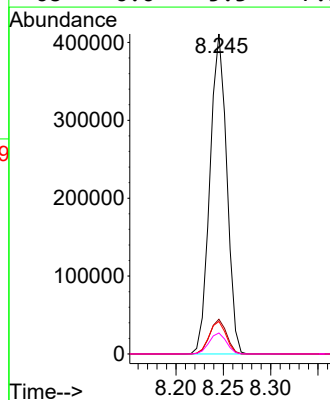
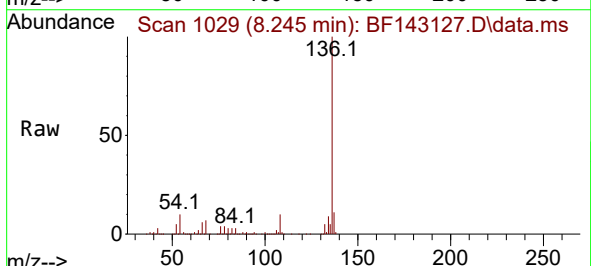
Instrument :
BNA_F
ClientSampleId :
HR-MCN-COMP-01

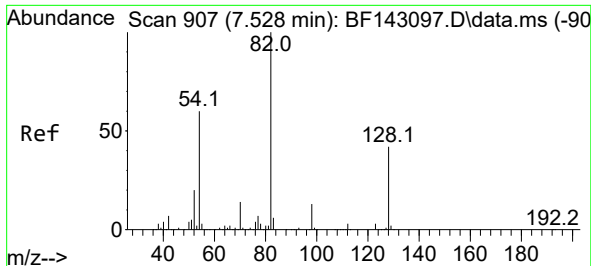
Tgt Ion: 99 Resp: 958300
Ion Ratio Lower Upper
99 100
42 21.2 17.2 25.8
71 34.7 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37

Tgt Ion: 136 Resp: 507038
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.2 8.3 12.5
68 6.6 5.3 7.9





#23

Nitrobenzene-d5

Concen: 77.320 ng

RT: 7.522 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF143127.D

Acq: 17 Jul 2025 00:37

Instrument :

BNA_F

ClientSampleId :

HR-MCN-COMP-01

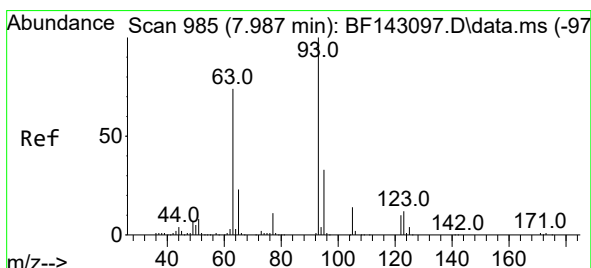
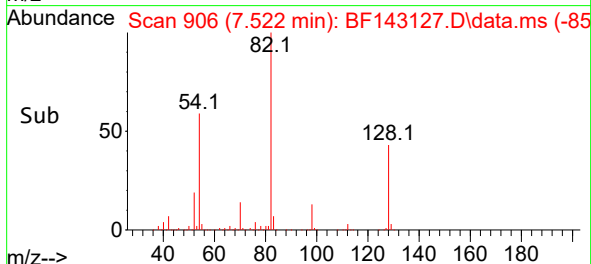
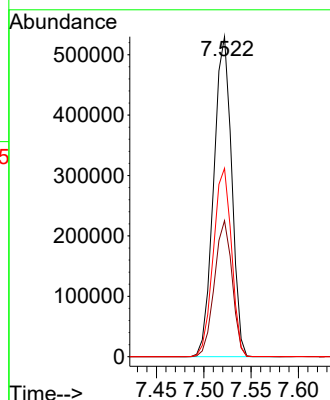
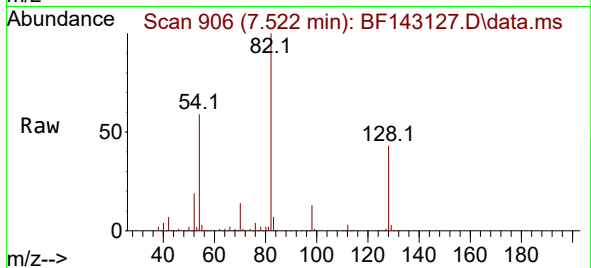
Tgt Ion: 82 Resp: 698847

Ion Ratio Lower Upper

82 100

128 42.5 33.3 49.9

54 58.9 47.4 71.2



#32

Benzoic acid

Concen: 8.298 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.071 min

Lab File: BF143127.D

Acq: 17 Jul 2025 00:37

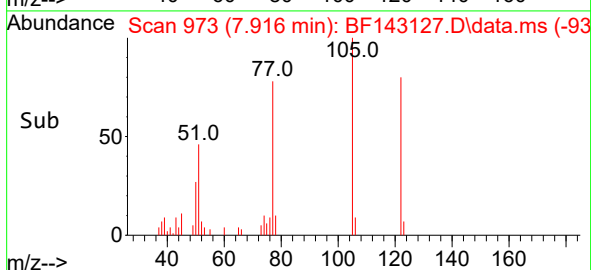
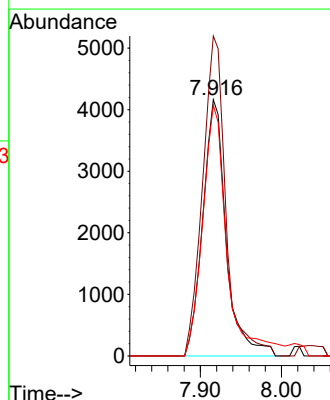
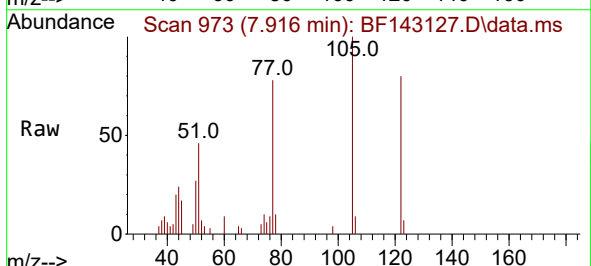
Tgt Ion:122 Resp: 8309

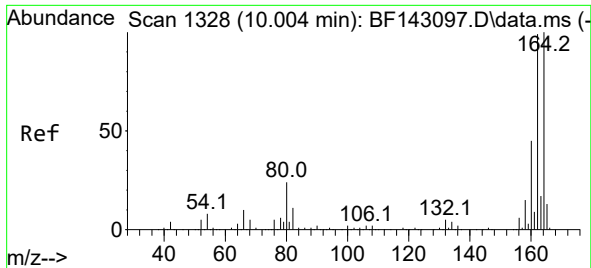
Ion Ratio Lower Upper

122 100

105 124.8 105.4 145.4

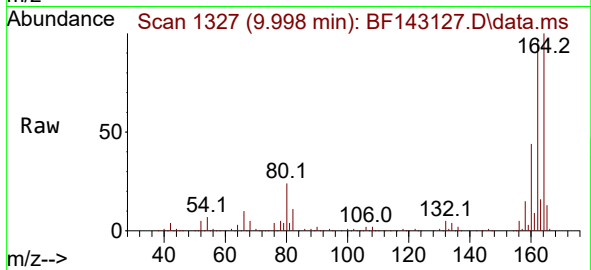
77 97.8 78.6 118.6



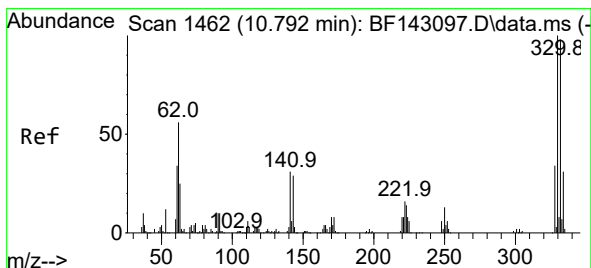
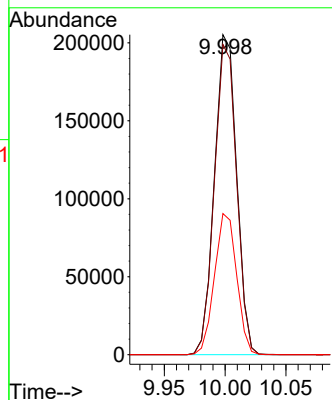
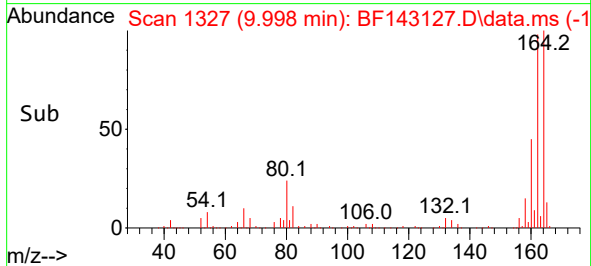


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37

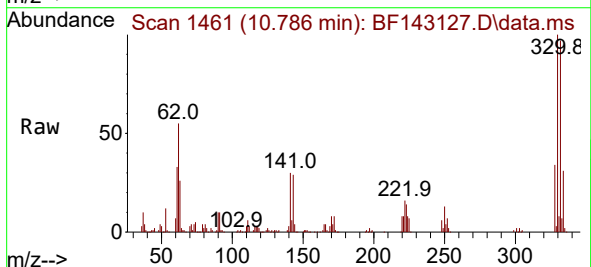
Instrument :
BNA_F
ClientSampleId :
HR-MCN-COMP-01



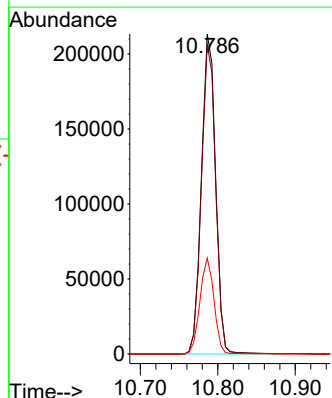
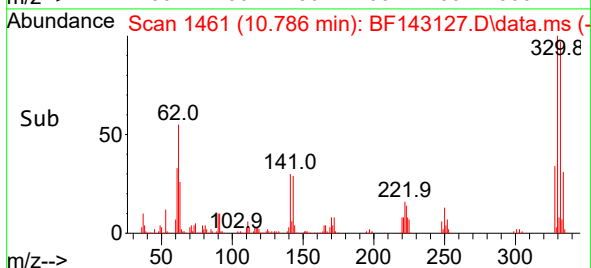
Tgt Ion:164 Resp: 260806
Ion Ratio Lower Upper
164 100
162 97.0 79.0 118.6
160 44.1 35.8 53.6

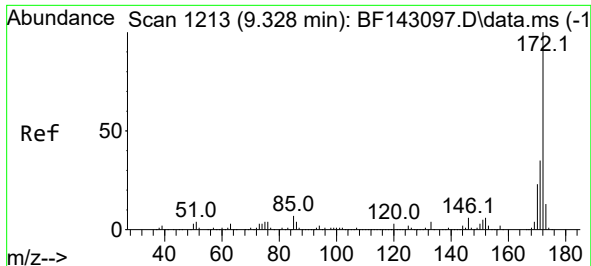


#42
2,4,6-Tribromophenol
Concen: 116.741 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37



Tgt Ion:330 Resp: 271480
Ion Ratio Lower Upper
330 100
332 96.8 77.9 116.9
141 29.7 25.9 38.9





#45

2-Fluorobiphenyl

Concen: 68.186 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143127.D

Acq: 17 Jul 2025 00:37

Instrument :

BNA_F

ClientSampleId :

HR-MCN-COMP-01

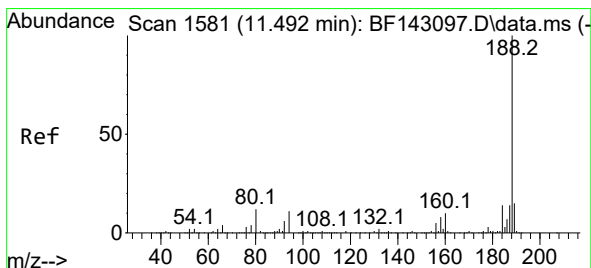
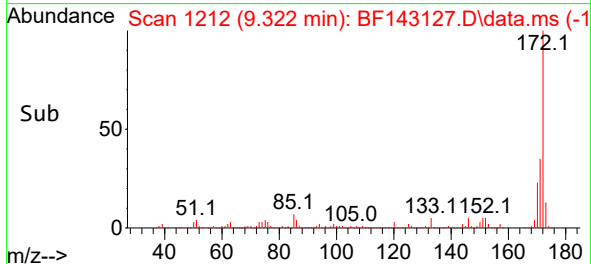
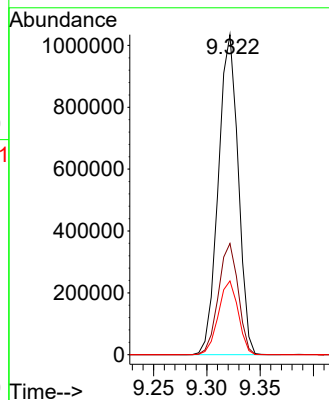
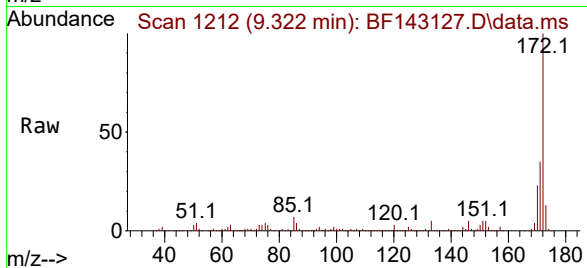
Tgt Ion:172 Resp: 1337815

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 23.1 18.6 28.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF143127.D

Acq: 17 Jul 2025 00:37

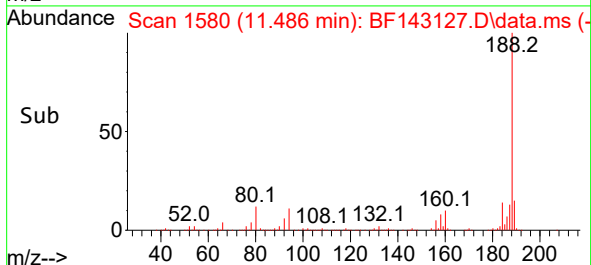
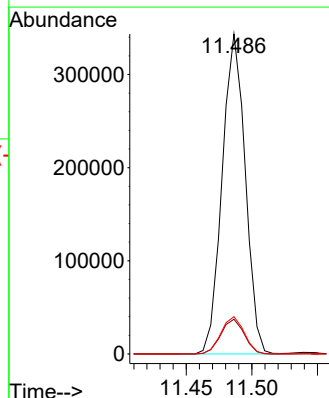
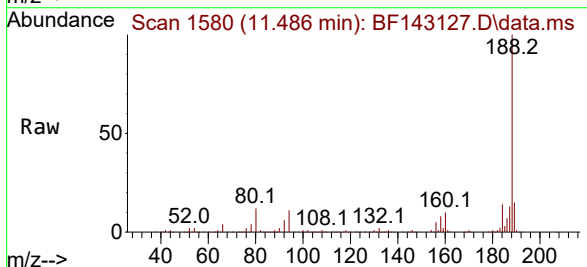
Tgt Ion:188 Resp: 420324

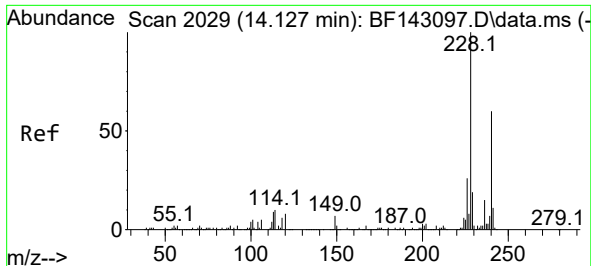
Ion Ratio Lower Upper

188 100

94 10.9 8.6 13.0

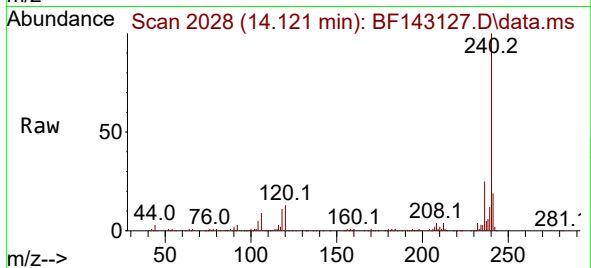
80 11.6 9.3 13.9



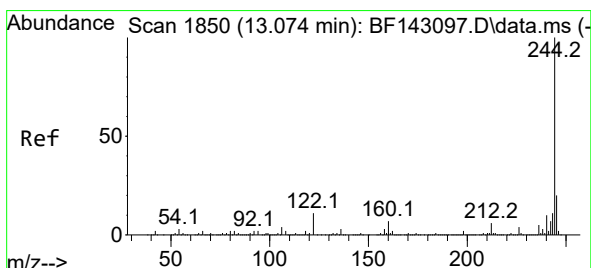
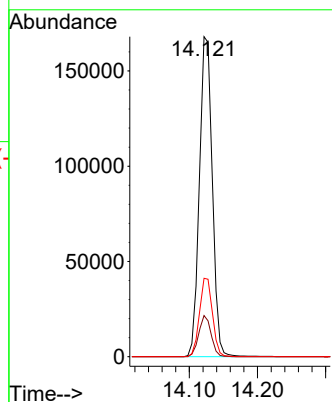
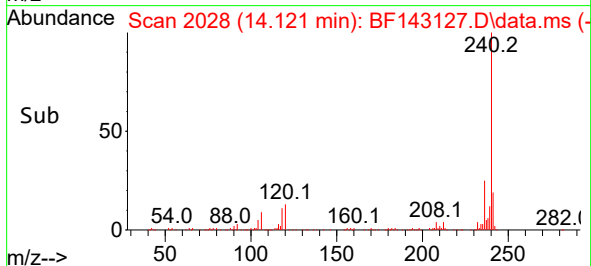


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37

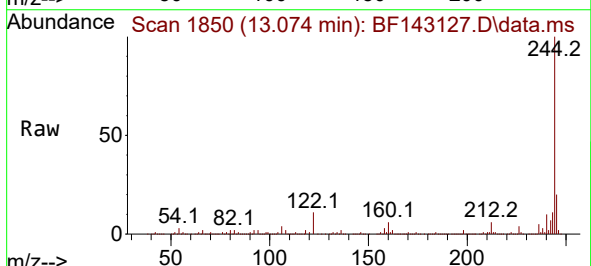
Instrument :
BNA_F
ClientSampleId :
HR-MCN-COMP-01



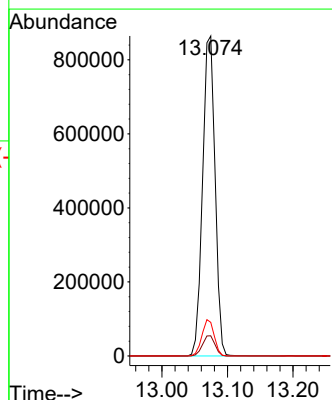
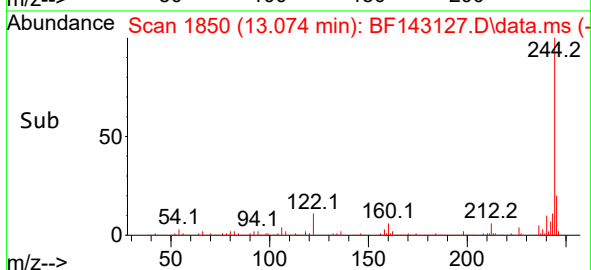
Tgt Ion:240 Resp: 221792
Ion Ratio Lower Upper
240 100
120 12.9 10.0 15.0
236 24.5 20.0 30.0

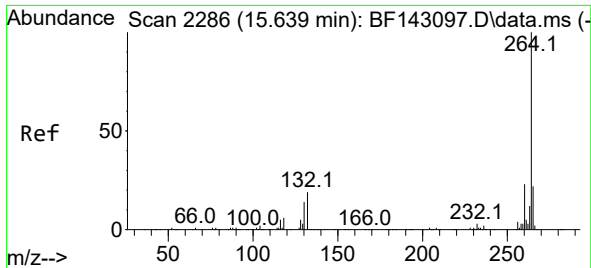


#79
Terphenyl-d14
Concen: 75.565 ng
RT: 13.074 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BF143127.D
Acq: 17 Jul 2025 00:37



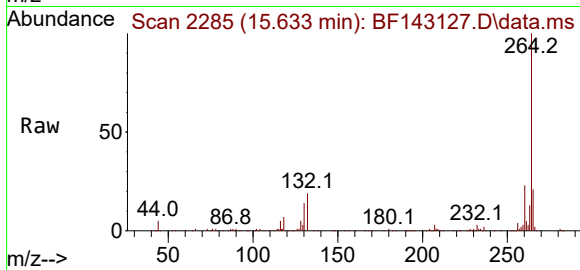
Tgt Ion:244 Resp: 1146499
Ion Ratio Lower Upper
244 100
212 6.3 5.2 7.8
122 10.5 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF143127.D
 Acq: 17 Jul 2025 00:37

Instrument :
 BNA_F
 ClientSampleId :
 HR-MCN-COMP-01



Tgt Ion:264 Resp: 225764
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.5 27.7
 265 20.9 17.5 26.3

