

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143514.D
 Acq On : 21 Aug 2025 05:47
 Operator : RC/JU
 Sample : Q2815-11
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-22M-W

Quant Time: Aug 21 07:07:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 21 06:12:21 2025
 Response via : Initial Calibration

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

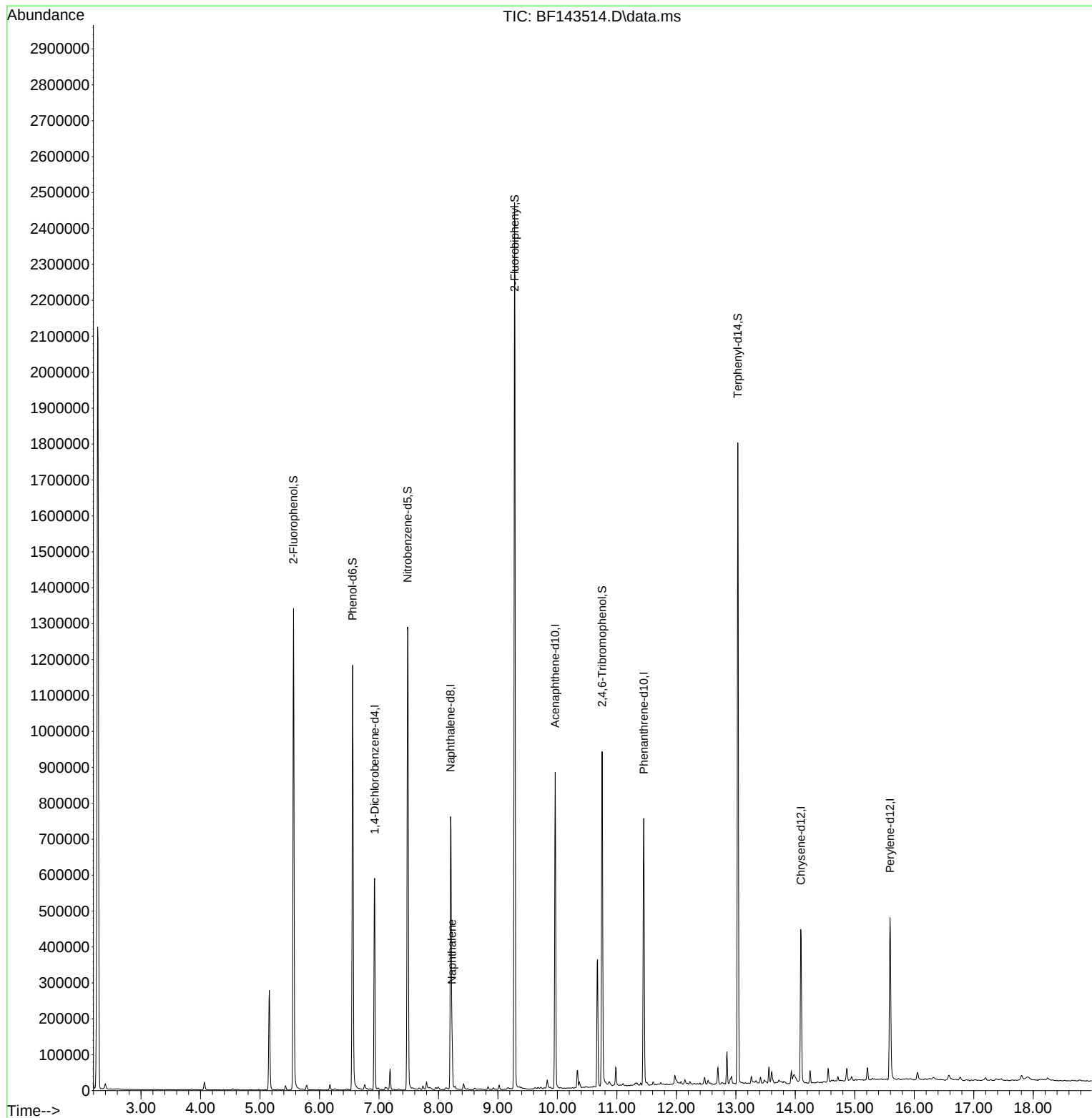
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	127726	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	485532	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	258859	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	382887	20.000	ng	0.00
76) Chrysene-d12	14.092	240	214981	20.000	ng	-0.01
86) Perylene-d12	15.592	264	273080	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	489925	66.978	ng	0.00
7) Phenol-d6	6.557	99	539974	59.801	ng	-0.02
23) Nitrobenzene-d5	7.481	82	605589	72.784	ng	-0.02
42) 2,4,6-Tribromophenol	10.751	330	162433	67.411	ng	-0.01
45) 2-Fluorobiphenyl	9.280	172	1072072	68.446	ng	0.00
79) Terphenyl-d14	13.033	244	854665	69.375	ng	0.00
Target Compounds						
31) Naphthalene	8.228	128	86571	3.714	ng	Qvalue 99

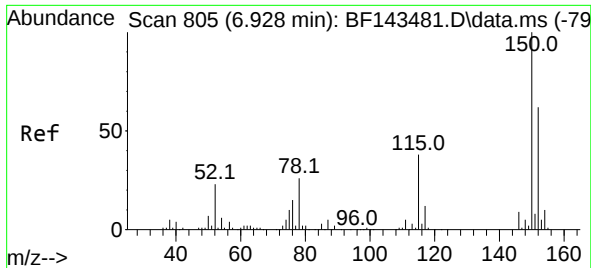
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143514.D
Acq On : 21 Aug 2025 05:47
Operator : RC/JU
Sample : Q2815-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-22M-W

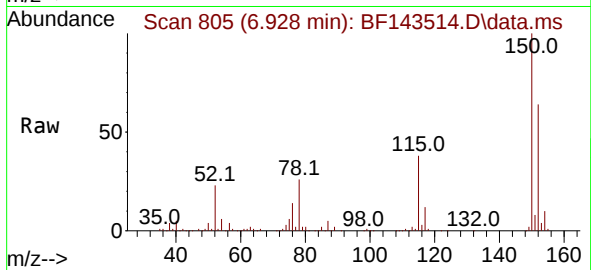
Quant Time: Aug 21 07:07:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration



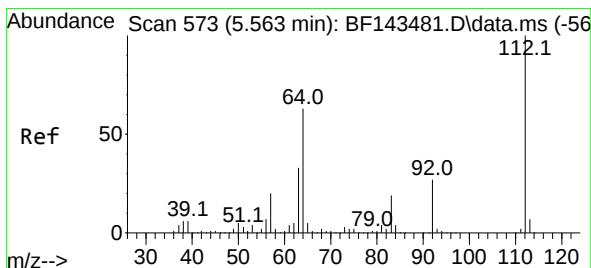
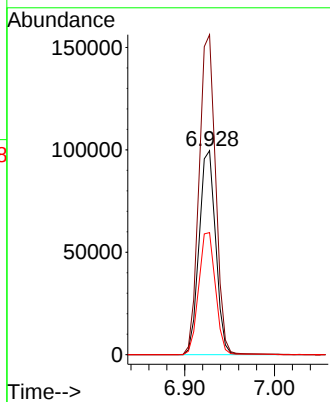
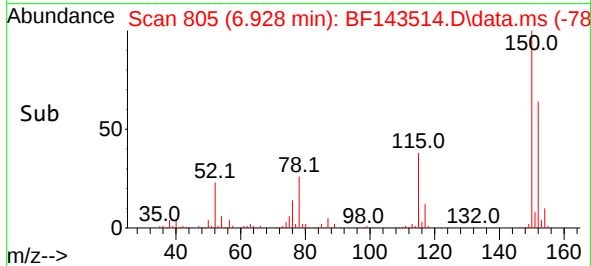


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143514.D
Acq: 21 Aug 2025 05:47

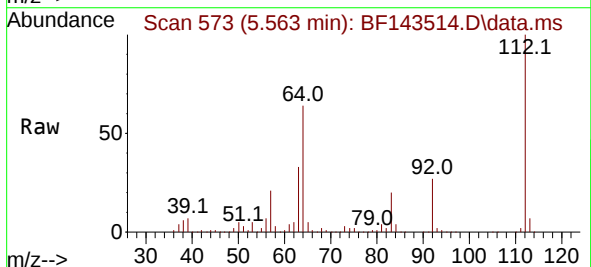
Instrument :
BNA_F
ClientSampleId :
TW-22M-W



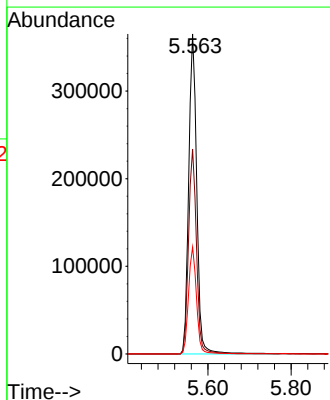
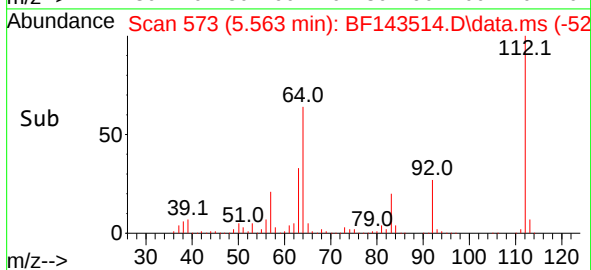
Tgt Ion:152 Resp: 127726
Ion Ratio Lower Upper
152 100
150 156.9 128.9 193.3
115 59.8 49.2 73.8

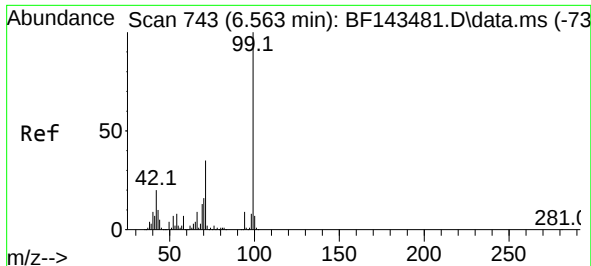


#5
2-Fluorophenol
Concen: 66.978 ng
RT: 5.563 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF143514.D
Acq: 21 Aug 2025 05:47



Tgt Ion:112 Resp: 489925
Ion Ratio Lower Upper
112 100
64 64.1 50.4 75.6
63 33.4 26.4 39.6

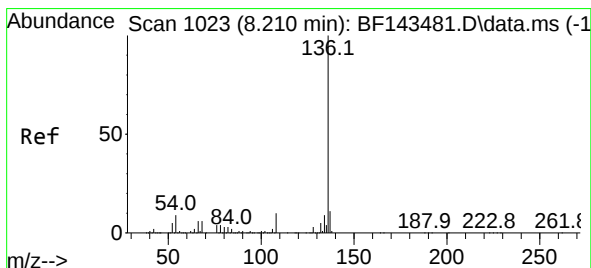
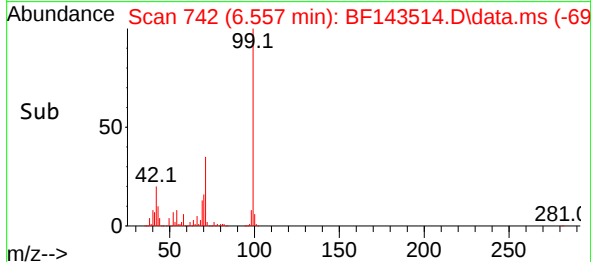
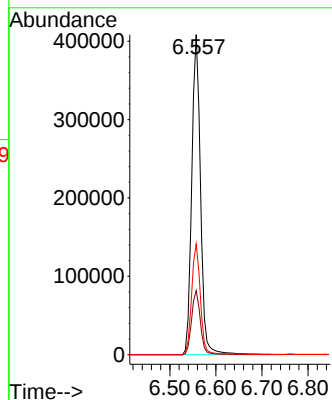
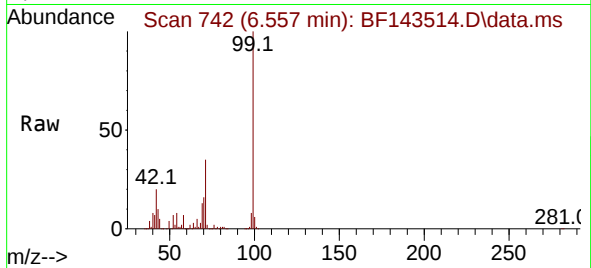




#7
Phenol-d6
Concen: 59.801 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF143514.D
Acq: 21 Aug 2025 05:47

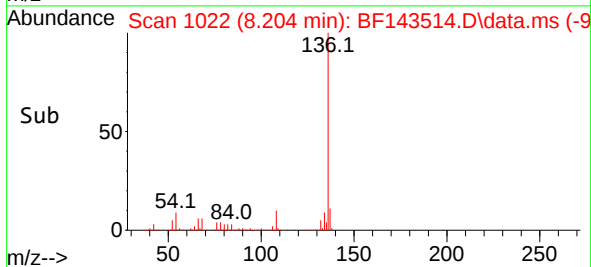
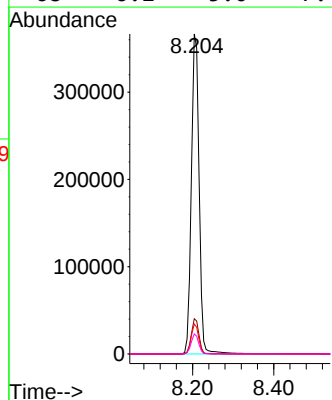
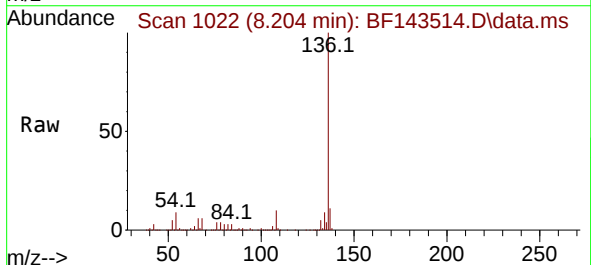
Instrument :
BNA_F
ClientSampleId :
TW-22M-W

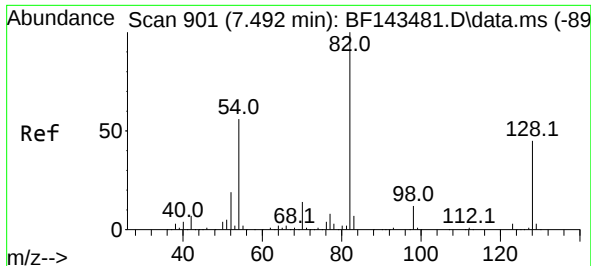
Tgt Ion: 99 Resp: 539974
Ion Ratio Lower Upper
99 100
42 20.0 16.3 24.5
71 34.6 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143514.D
Acq: 21 Aug 2025 05:47

Tgt Ion: 136 Resp: 485532
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.3 7.4 11.2
68 6.2 5.0 7.4

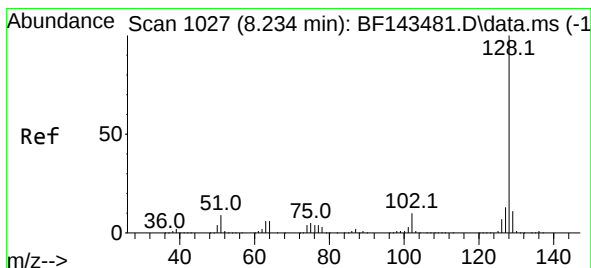
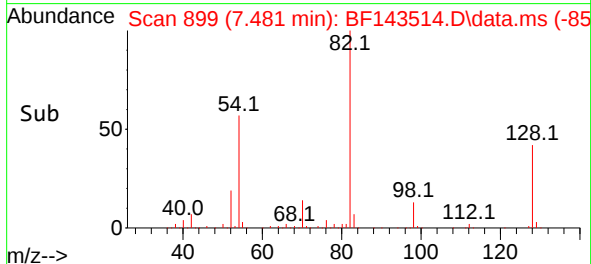
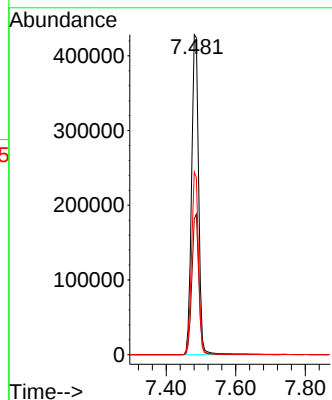
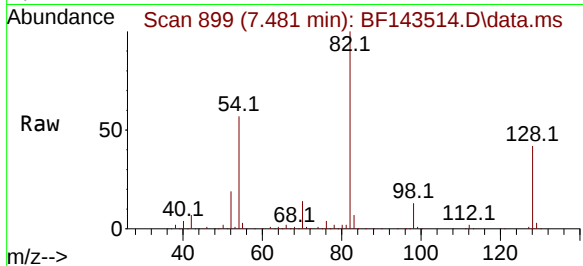




#23
Nitrobenzene-d5
Concen: 72.784 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.018 min
Lab File: BF143514.D
Acq: 21 Aug 2025 05:47

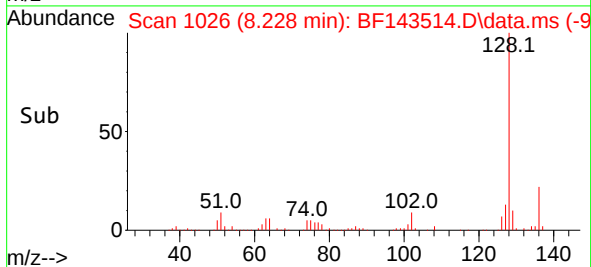
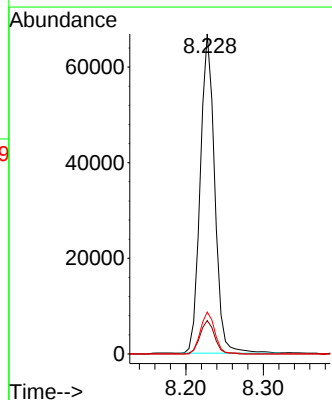
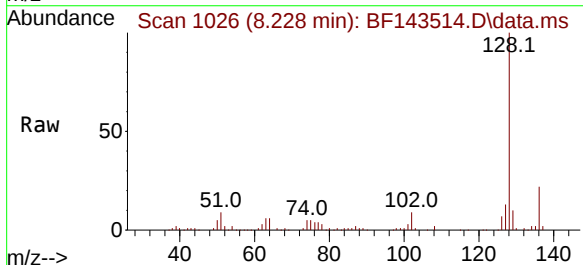
Instrument :
BNA_F
ClientSampleId :
TW-22M-W

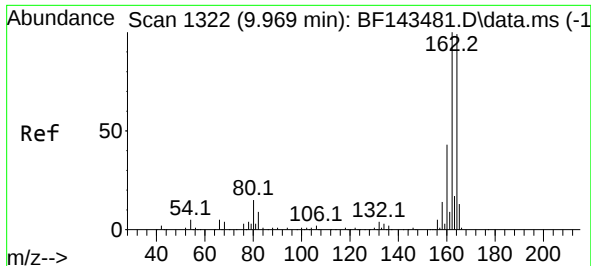
Tgt Ion: 82 Resp: 605589
Ion Ratio Lower Upper
82 100
128 42.4 35.5 53.3
54 57.1 44.3 66.5



#31
Naphthalene
Concen: 3.714 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF143514.D
Acq: 21 Aug 2025 05:47

Tgt Ion: 128 Resp: 86571
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 13.1 10.6 16.0

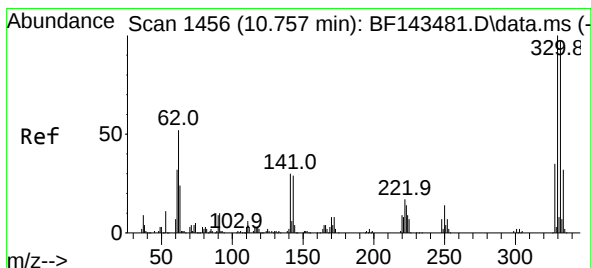
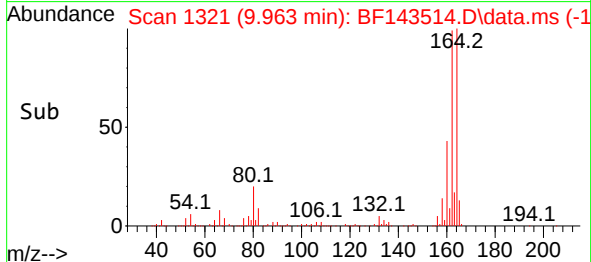
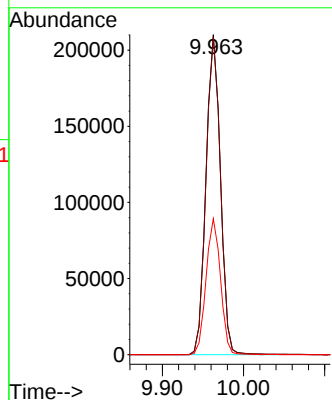
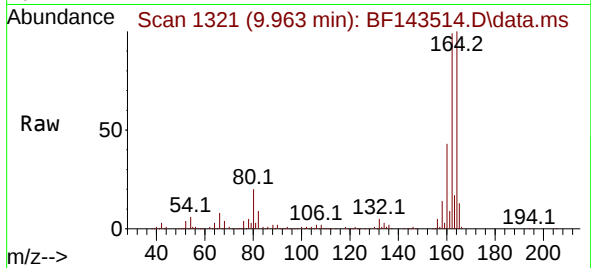




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143514.D
Acq: 21 Aug 2025 05:47

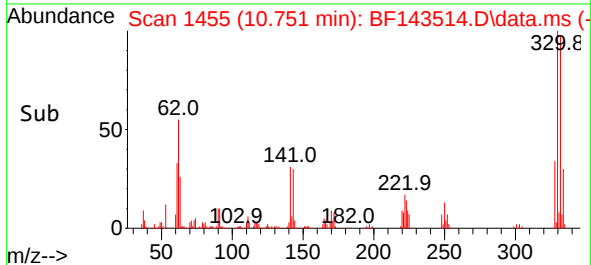
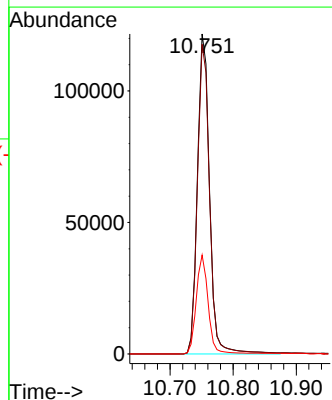
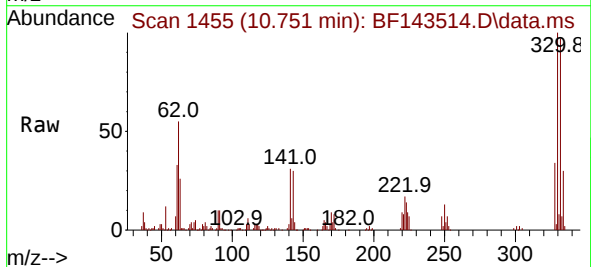
Instrument :
BNA_F
ClientSampleId :
TW-22M-W

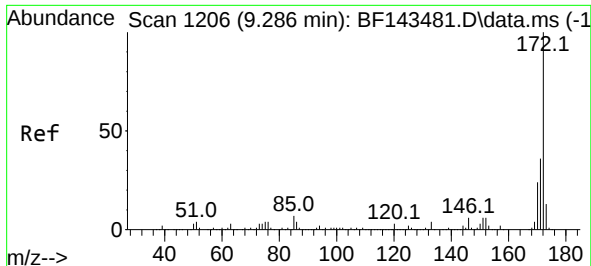
Tgt Ion:164 Resp: 258859
Ion Ratio Lower Upper
164 100
162 99.3 80.5 120.7
160 42.5 34.3 51.5



#42
2,4,6-Tribromophenol
Concen: 67.411 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.012 min
Lab File: BF143514.D
Acq: 21 Aug 2025 05:47

Tgt Ion:330 Resp: 162433
Ion Ratio Lower Upper
330 100
332 97.6 78.0 117.0
141 30.5 23.7 35.5





#45

2-Fluorobiphenyl

Concen: 68.446 ng

RT: 9.280 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143514.D

Acq: 21 Aug 2025 05:47

Instrument :

BNA_F

ClientSampleId :

TW-22M-W

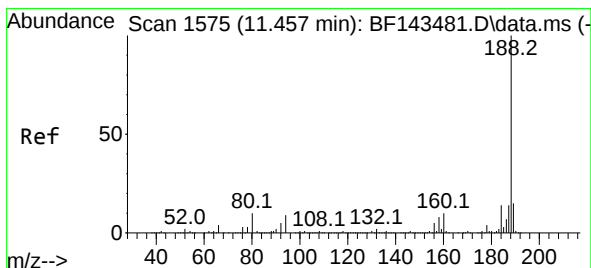
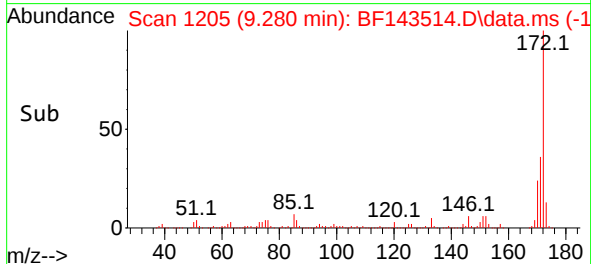
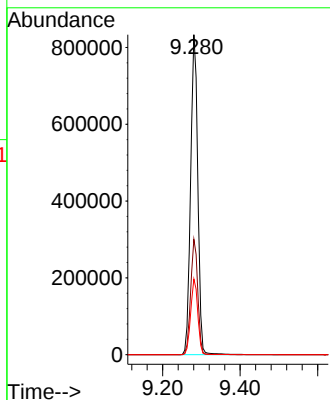
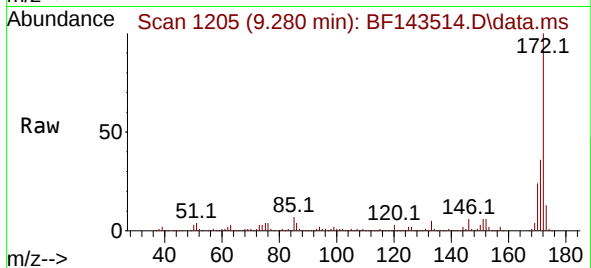
Tgt Ion:172 Resp: 1072072

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.6 18.8 28.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF143514.D

Acq: 21 Aug 2025 05:47

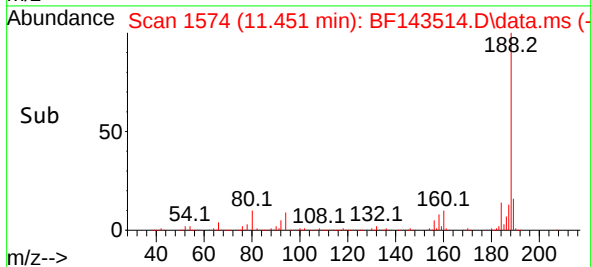
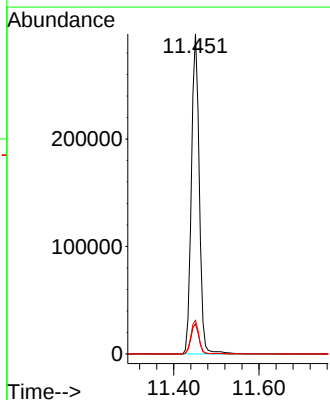
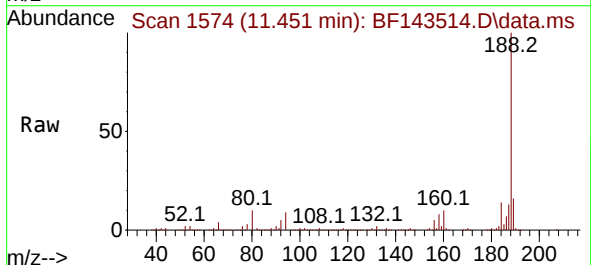
Tgt Ion:188 Resp: 382887

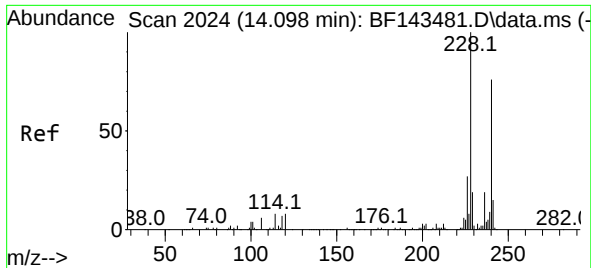
Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

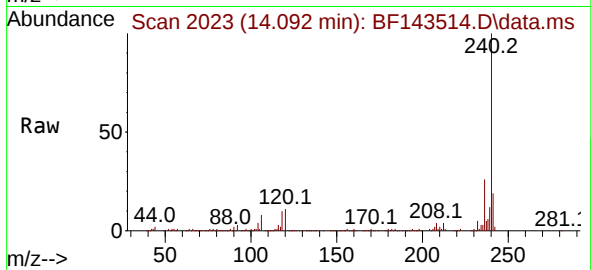
80 10.5 8.2 12.4



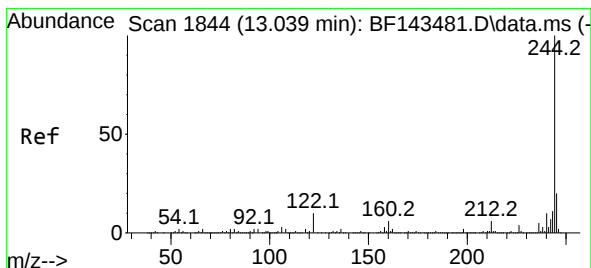
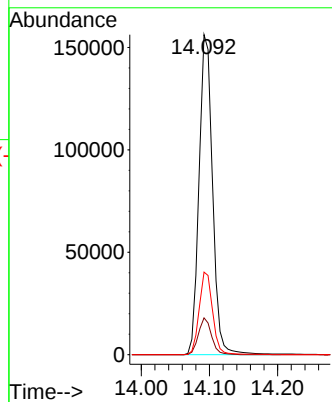
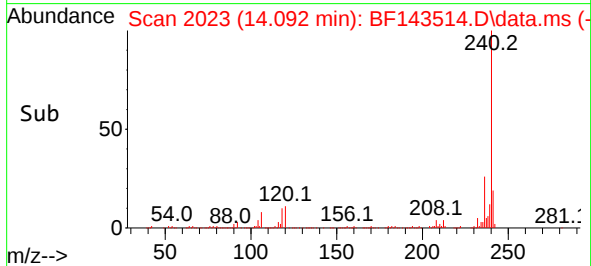


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF143514.D
Acq: 21 Aug 2025 05:47

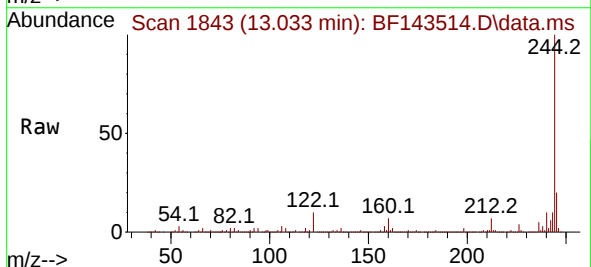
Instrument :
BNA_F
ClientSampleId :
TW-22M-W



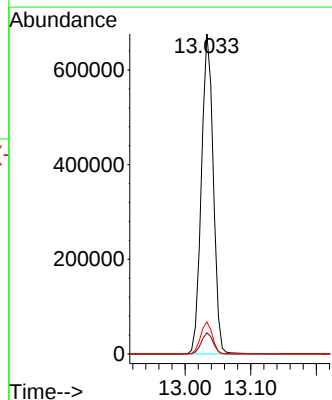
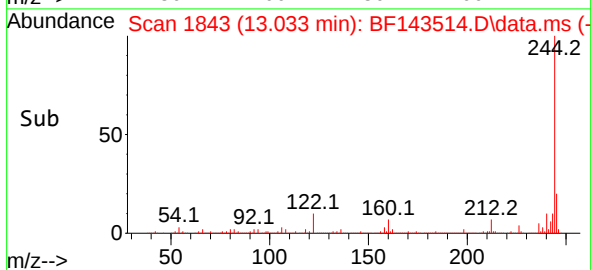
Tgt Ion:240 Resp: 214981
Ion Ratio Lower Upper
240 100
120 11.5 8.6 12.8
236 25.8 20.4 30.6

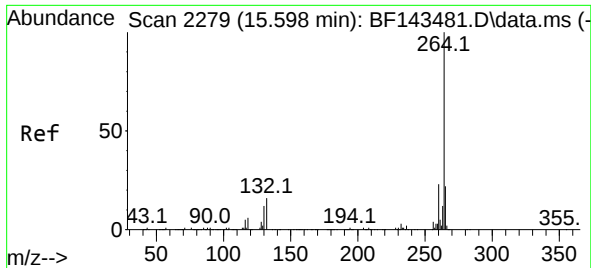


#79
Terphenyl-d14
Concen: 69.375 ng
RT: 13.033 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF143514.D
Acq: 21 Aug 2025 05:47



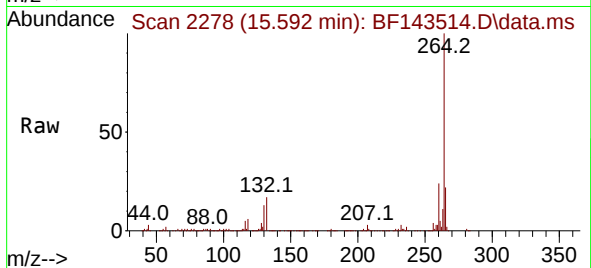
Tgt Ion:244 Resp: 854665
Ion Ratio Lower Upper
244 100
212 6.6 5.2 7.8
122 10.0 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143514.D
Acq: 21 Aug 2025 05:47

Instrument :
BNA_F
ClientSampleId :
TW-22M-W



Tgt Ion:264 Resp: 273080
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 21.5 17.6 26.4

