

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
 Data File : BF143473.D
 Acq On : 20 Aug 2025 00:15
 Operator : RC/JU
 Sample : Q2683-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN003

Quant Time: Aug 20 01:17:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 2025
 Response via : Initial Calibration

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

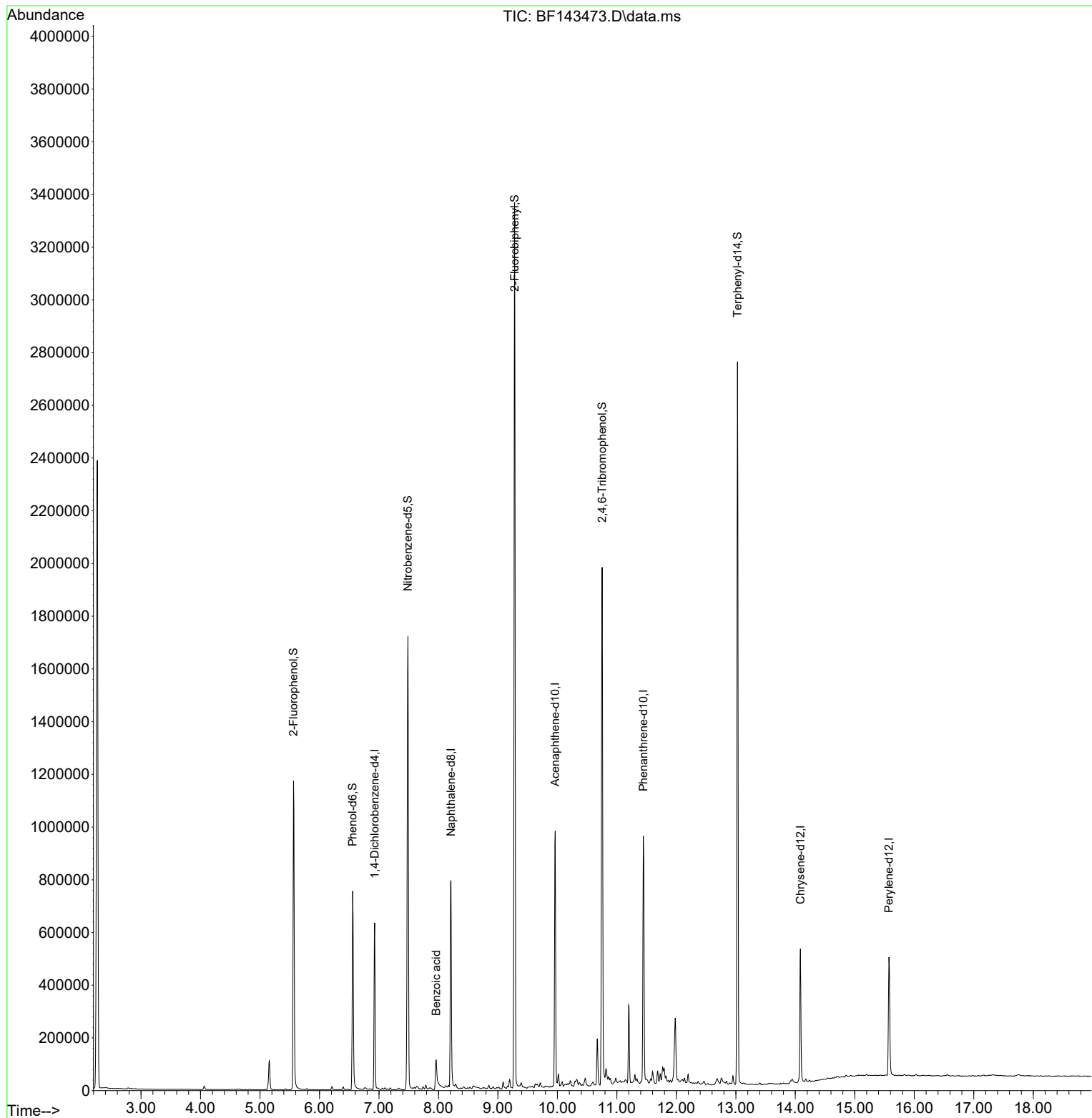
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	133684	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	517727	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	295153	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	475741	20.000	ng	0.00
76) Chrysene-d12	14.086	240	255938	20.000	ng	0.00
86) Perylene-d12	15.574	264	282896	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	448048	58.261	ng	0.00
7) Phenol-d6	6.557	99	353992	36.525	ng	0.00
23) Nitrobenzene-d5	7.486	82	784506	89.916	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	366180	139.386	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1484831	84.616	ng	0.00
79) Terphenyl-d14	13.027	244	1342133	88.091	ng	0.00
Target Compounds						
32) Benzoic acid	7.963	122	52208	14.045	ng	Qvalue 98

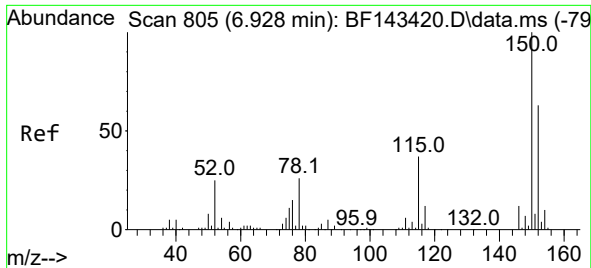
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
Data File : BF143473.D
Acq On : 20 Aug 2025 00:15
Operator : RC/JU
Sample : Q2683-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DSN003

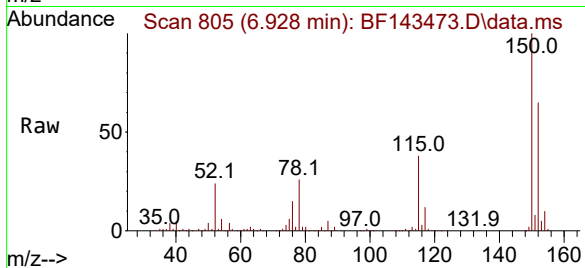
Quant Time: Aug 20 01:17:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration



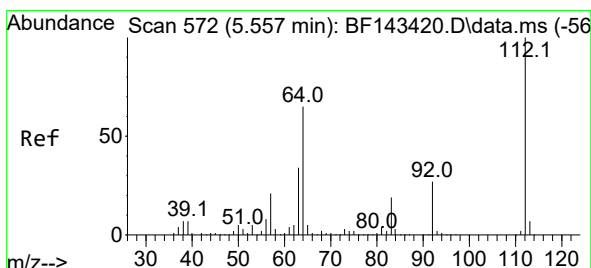
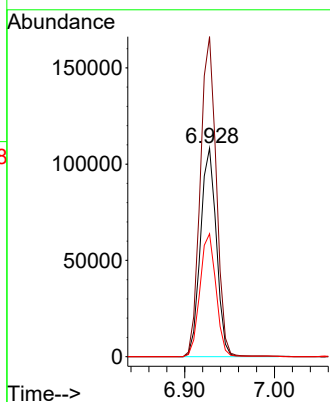
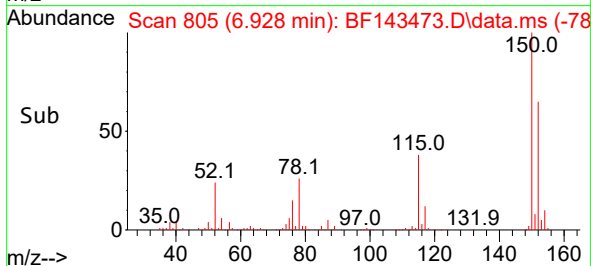


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143473.D
Acq: 20 Aug 2025 00:15

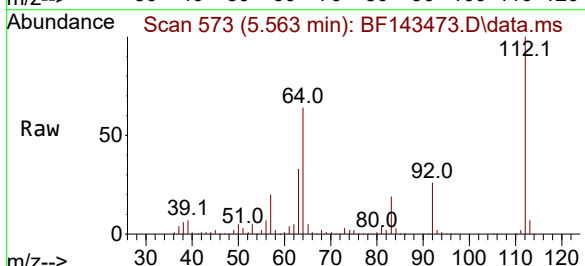
Instrument :
BNA_F
ClientSampleId :
DSN003



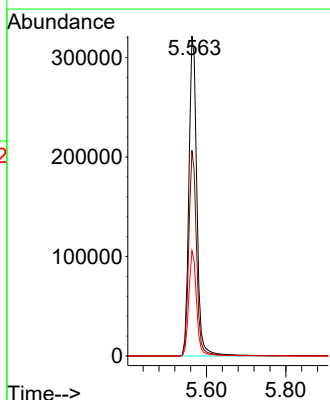
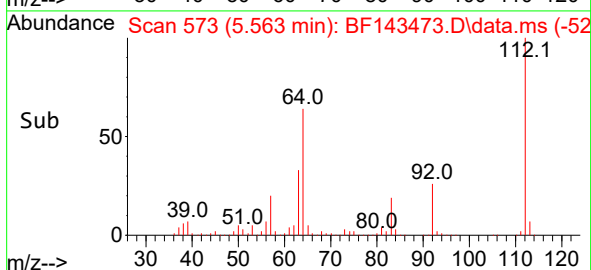
Tgt Ion:152 Resp: 133684
Ion Ratio Lower Upper
152 100
150 153.5 127.4 191.2
115 58.9 47.5 71.3

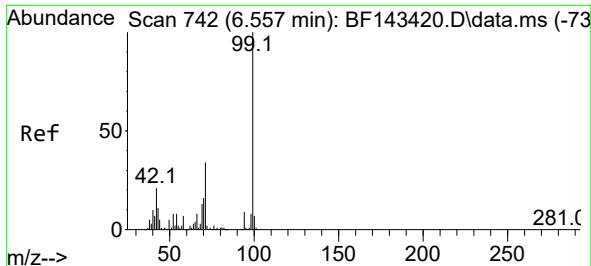


#5
2-Fluorophenol
Concen: 58.261 ng
RT: 5.563 min Scan# 573
Delta R.T. 0.006 min
Lab File: BF143473.D
Acq: 20 Aug 2025 00:15



Tgt Ion:112 Resp: 448048
Ion Ratio Lower Upper
112 100
64 64.3 52.2 78.2
63 32.8 27.0 40.6

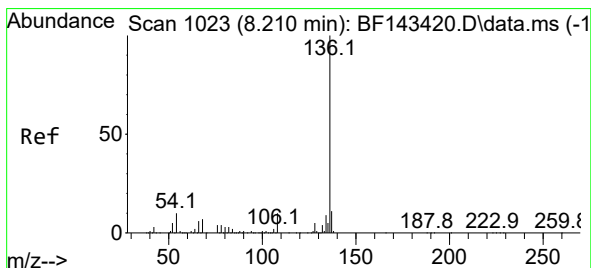
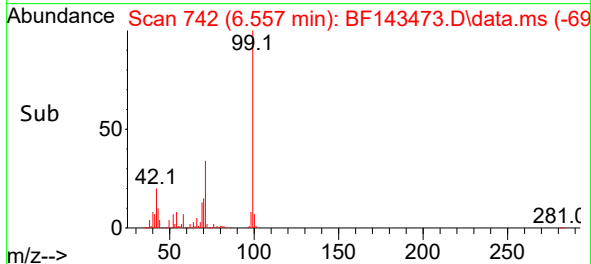
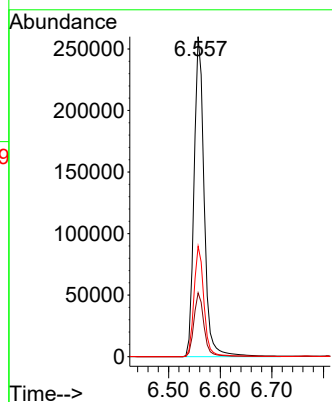
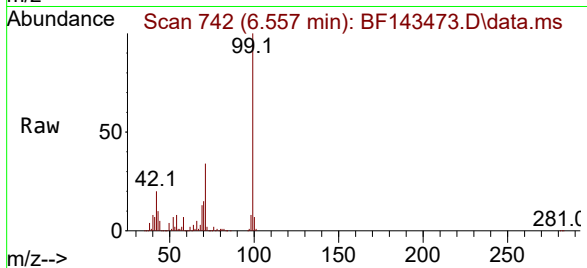




#7
Phenol-d6
Concen: 36.525 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF143473.D
Acq: 20 Aug 2025 00:15

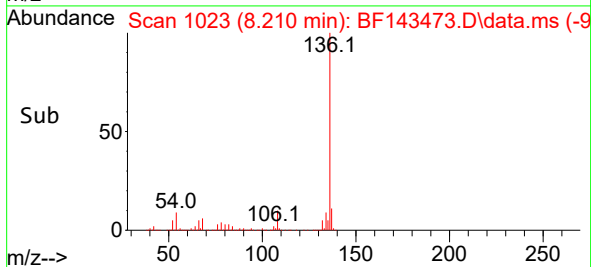
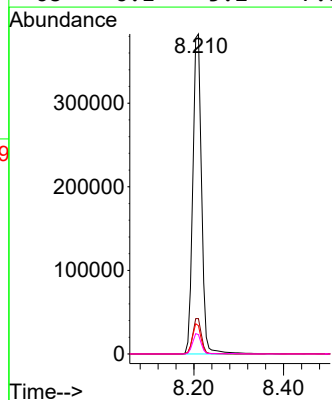
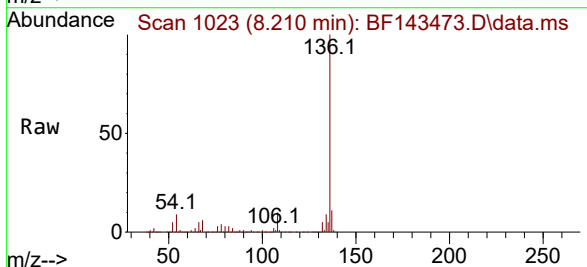
Instrument :
BNA_F
ClientSampleId :
DSN003

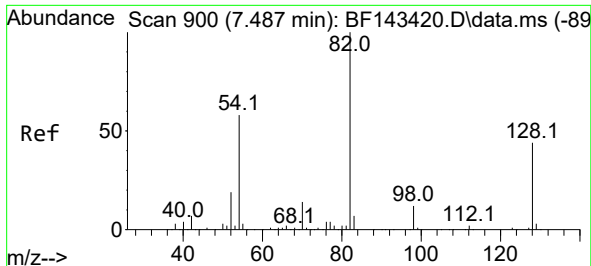
Tgt Ion: 99 Resp: 353992
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.6
71 34.5 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143473.D
Acq: 20 Aug 2025 00:15

Tgt Ion: 136 Resp: 517727
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.8 7.8 11.8
68 6.1 5.2 7.8





#23

Nitrobenzene-d5

Concen: 89.916 ng

RT: 7.486 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF143473.D

Acq: 20 Aug 2025 00:15

Instrument :

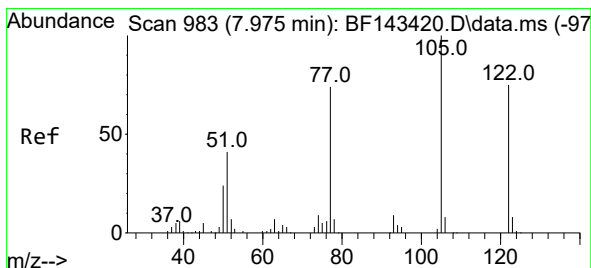
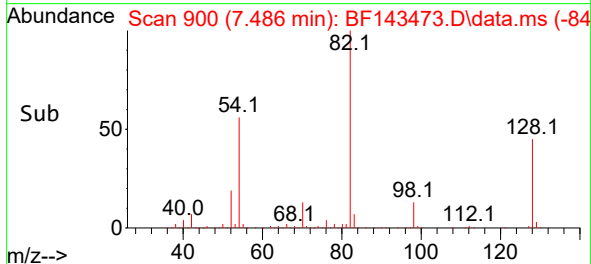
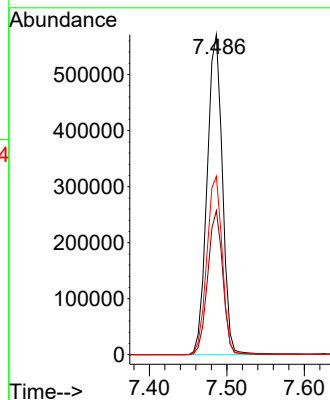
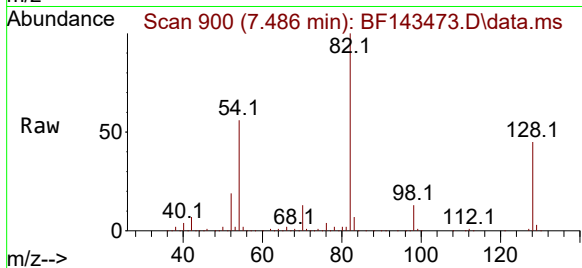
BNA_F

ClientSampleId :

DSN003

Tgt Ion: 82 Resp: 784506

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	52.0
54	55.8	46.0	69.0



#32

Benzoic acid

Concen: 14.045 ng

RT: 7.963 min Scan# 981

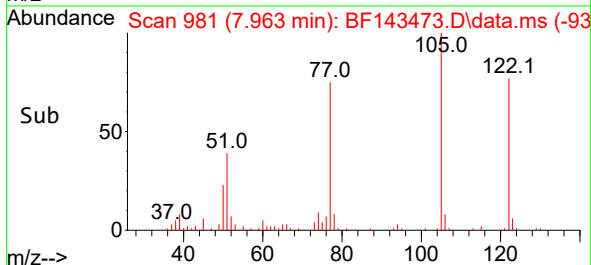
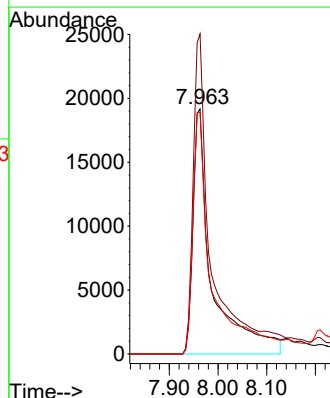
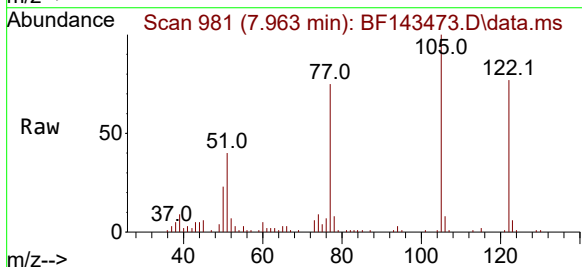
Delta R.T. -0.012 min

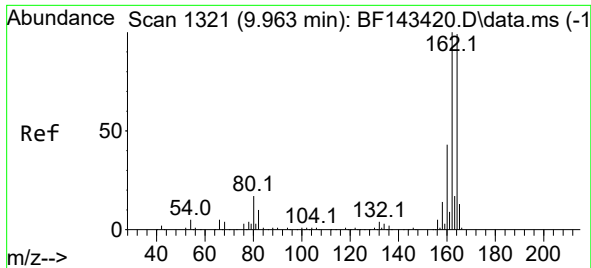
Lab File: BF143473.D

Acq: 20 Aug 2025 00:15

Tgt Ion:122 Resp: 52208

Ion	Ratio	Lower	Upper
122	100		
105	130.6	108.4	148.4
77	98.5	75.9	115.9

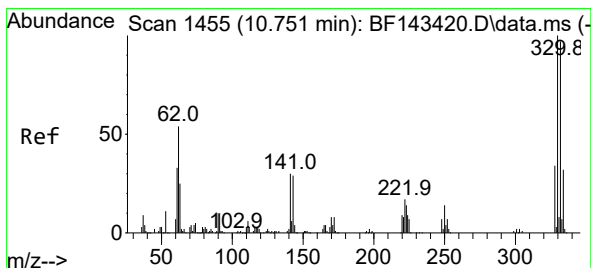
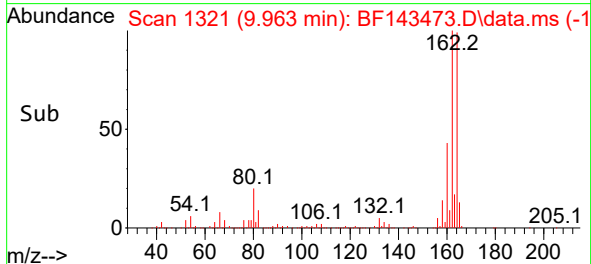
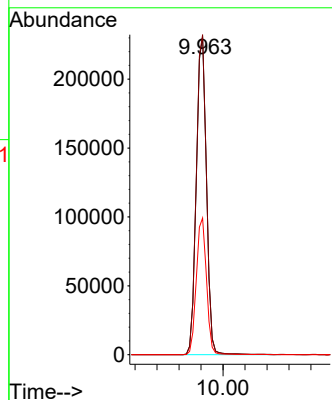
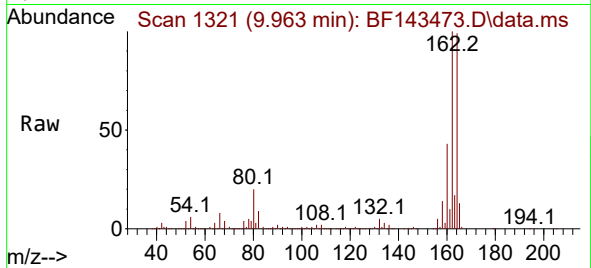




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143473.D
Acq: 20 Aug 2025 00:15

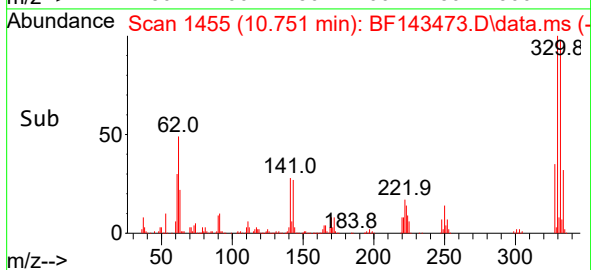
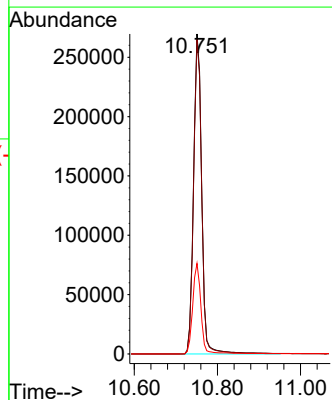
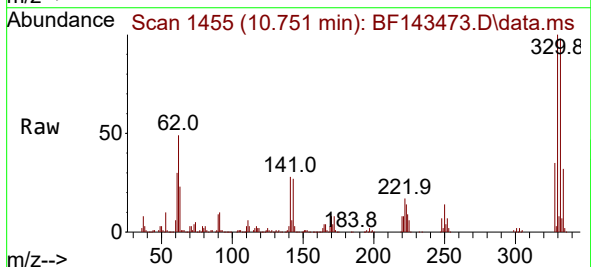
Instrument :
BNA_F
ClientSampleId :
DSN003

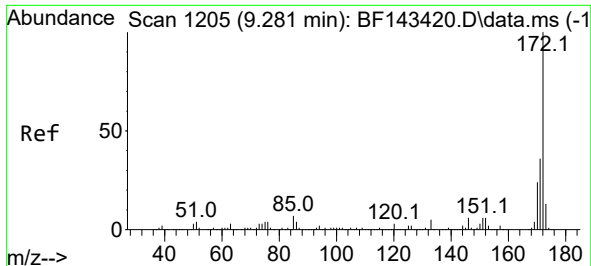
Tgt Ion:164 Resp: 295153
Ion Ratio Lower Upper
164 100
162 100.6 80.6 121.0
160 43.0 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 139.386 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF143473.D
Acq: 20 Aug 2025 00:15

Tgt Ion:330 Resp: 366180
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.2
141 28.9 24.1 36.1

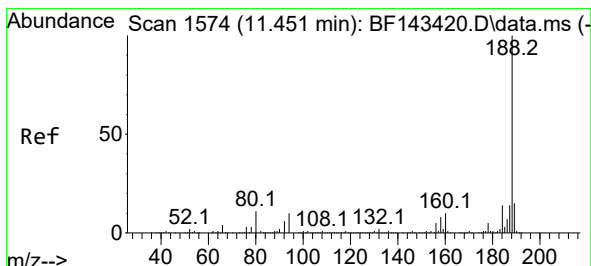
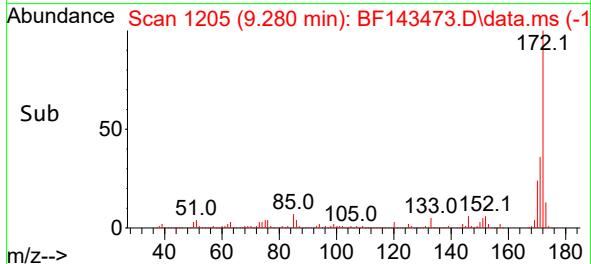
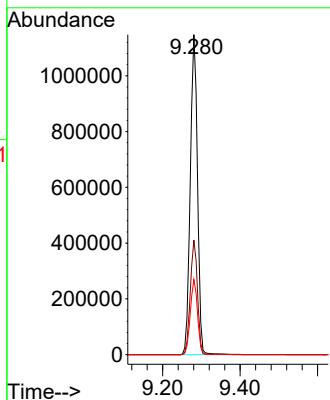
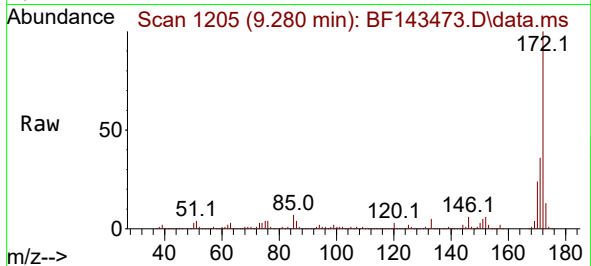




#45
2-Fluorobiphenyl
Concen: 84.616 ng
RT: 9.280 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143473.D
Acq: 20 Aug 2025 00:15

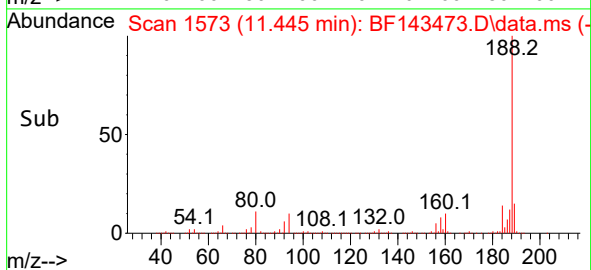
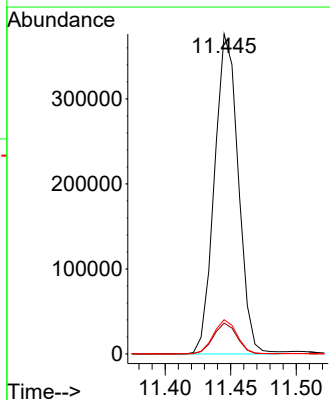
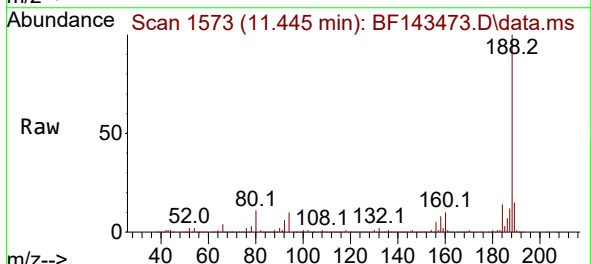
Instrument :
BNA_F
ClientSampleId :
DSN003

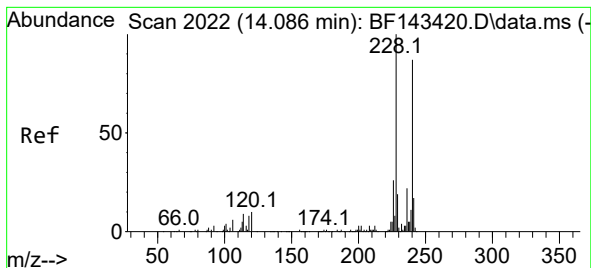
Tgt Ion:172 Resp: 1484831
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 23.5 19.0 28.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF143473.D
Acq: 20 Aug 2025 00:15

Tgt Ion:188 Resp: 475741
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 10.7 8.6 12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF143473.D

Acq: 20 Aug 2025 00:15

Instrument :

BNA_F

ClientSampleId :

DSN003

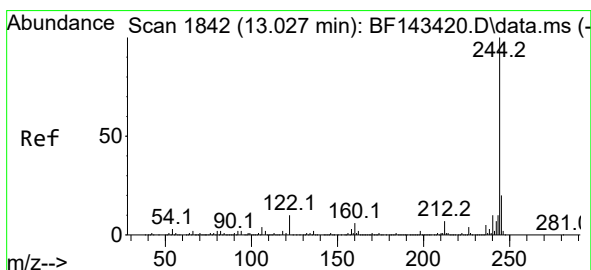
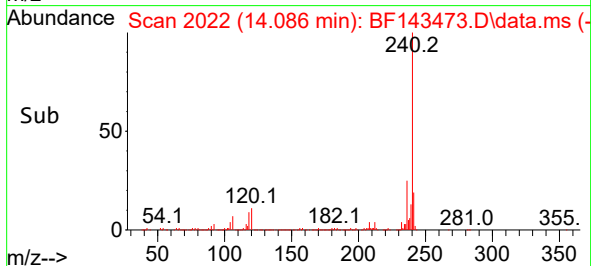
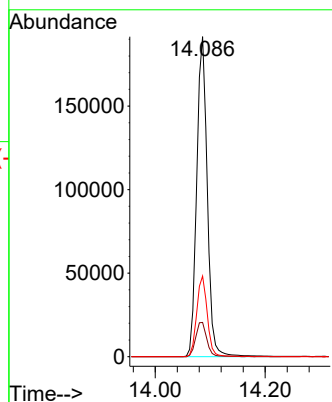
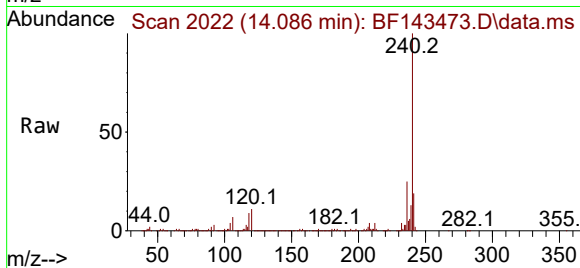
Tgt Ion:240 Resp: 255938

Ion Ratio Lower Upper

240 100

120 10.7 9.0 13.4

236 25.2 20.2 30.2



#79

Terphenyl-d14

Concen: 88.091 ng

RT: 13.027 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF143473.D

Acq: 20 Aug 2025 00:15

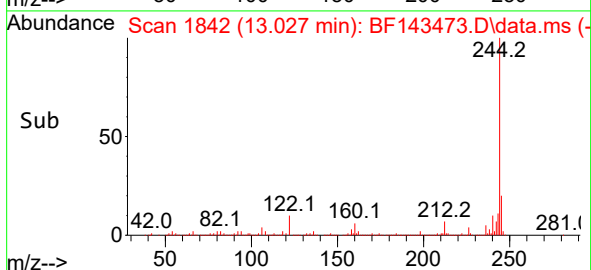
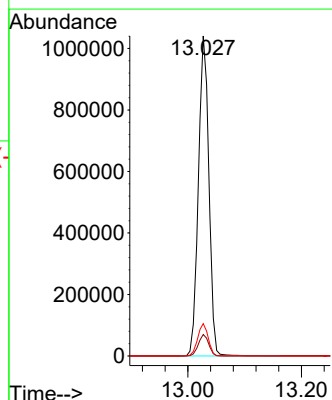
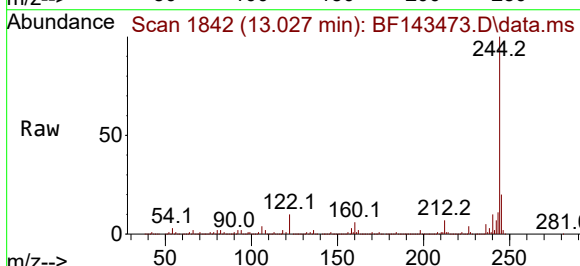
Tgt Ion:244 Resp: 1342133

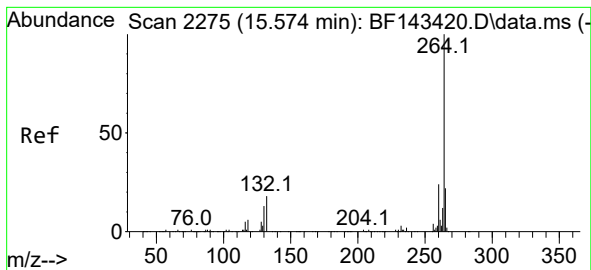
Ion Ratio Lower Upper

244 100

212 6.7 5.2 7.8

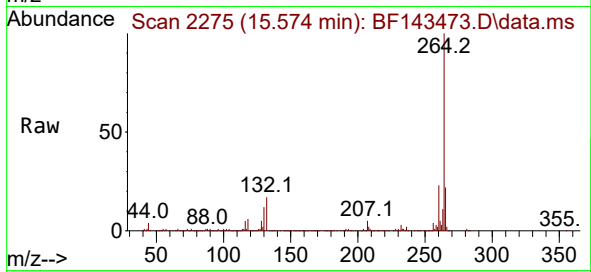
122 10.1 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143473.D
Acq: 20 Aug 2025 00:15

Instrument :
BNA_F
ClientSampleId :
DSN003



Tgt Ion:264 Resp: 282896
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 21.7 17.4 26.0

