

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143395.D
 Acq On : 14 Aug 2025 21:56
 Operator : RC/JU
 Sample : Q2814-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-518R-N

Quant Time: Aug 15 01:35:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

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

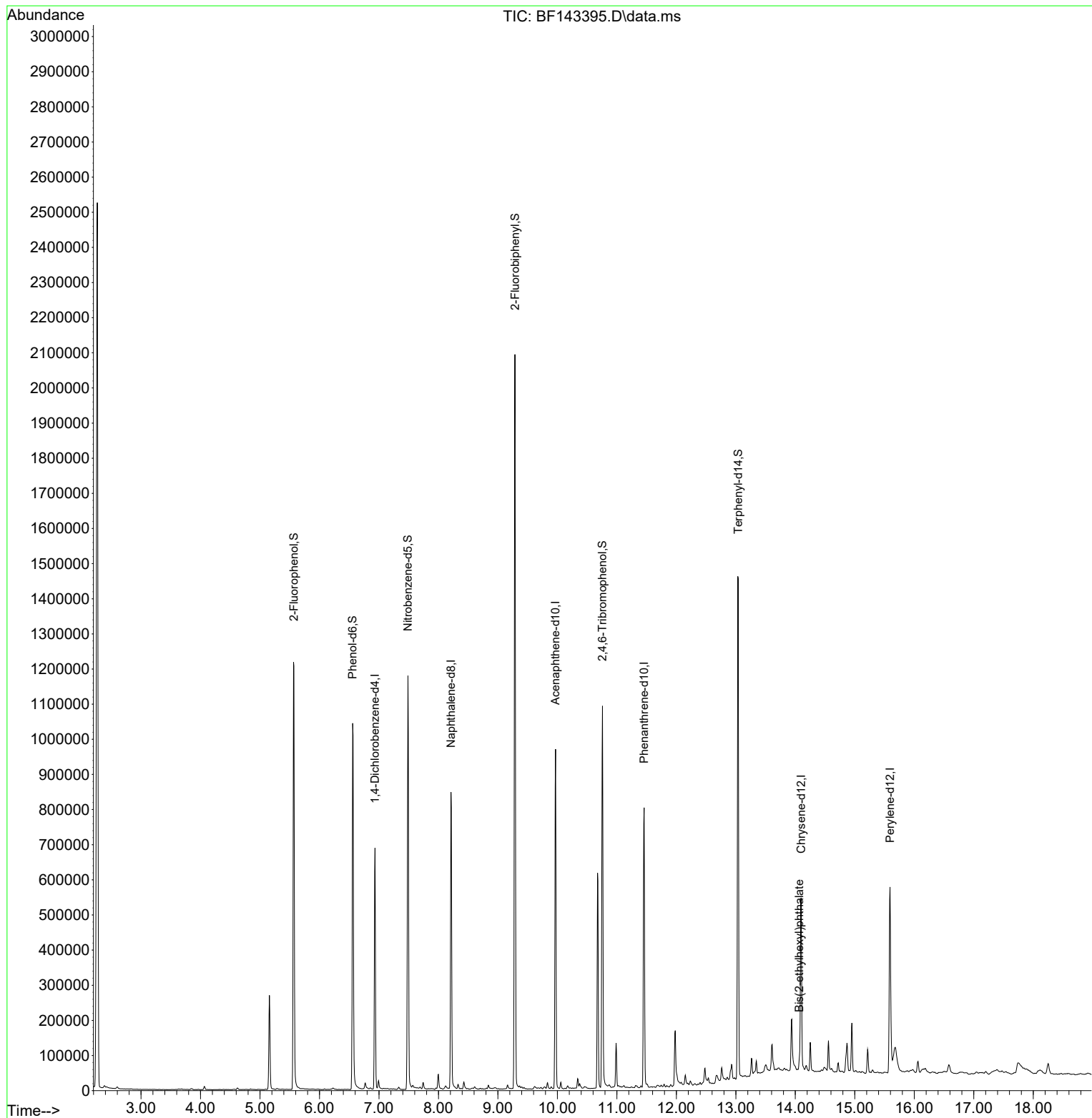
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	143477	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	546907	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	290368	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	417221	20.000	ng	0.00
76) Chrysene-d12	14.098	240	257246	20.000	ng	0.00
86) Perylene-d12	15.592	264	322811	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	465387	56.091	ng	0.00
7) Phenol-d6	6.557	99	492660	46.303	ng	0.00
23) Nitrobenzene-d5	7.487	82	517024	58.871	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	187875	88.534	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	924760	54.006	ng	0.00
79) Terphenyl-d14	13.039	244	726457	50.418	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.069	149	13239	5.925	ng	Qvalue 93

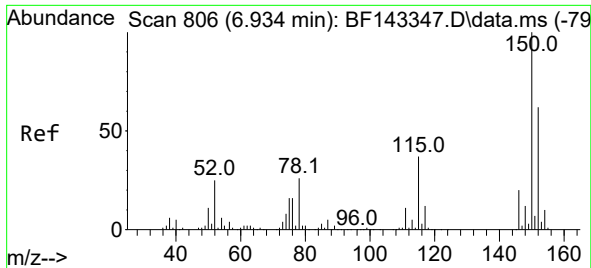
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143395.D
Acq On : 14 Aug 2025 21:56
Operator : RC/JU
Sample : Q2814-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-518R-N

Quant Time: Aug 15 01:35:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

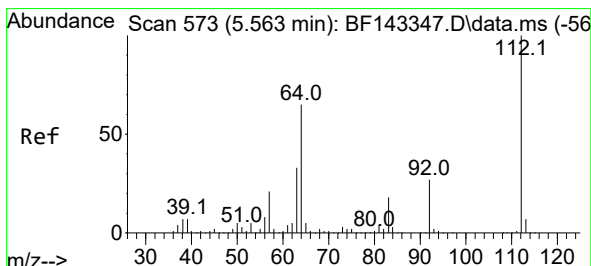
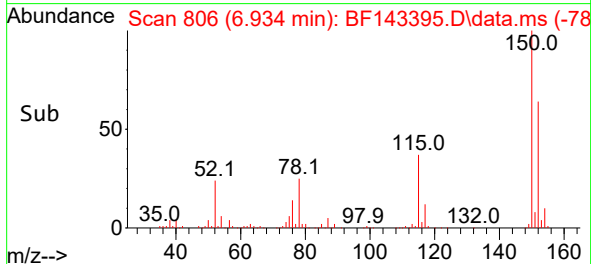
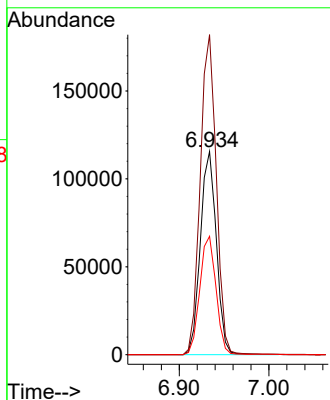
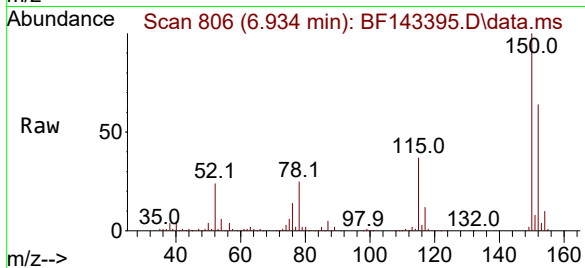




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.934 min Scan# 806
 Delta R.T. -0.000 min
 Lab File: BF143395.D
 Acq: 14 Aug 2025 21:56

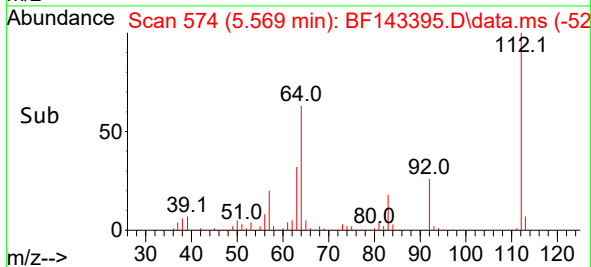
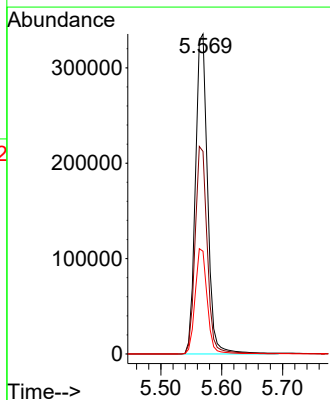
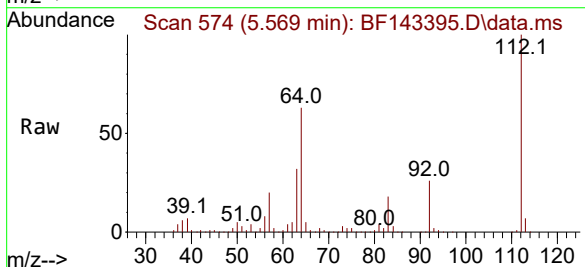
Instrument :
 BNA_F
 ClientSampleId :
 TW-518R-N

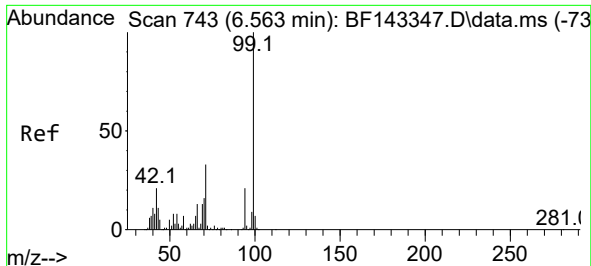
Tgt Ion:152 Resp: 143477
 Ion Ratio Lower Upper
 152 100
 150 157.4 129.8 194.8
 115 58.3 47.8 71.8



#5
 2-Fluorophenol
 Concen: 56.091 ng
 RT: 5.569 min Scan# 574
 Delta R.T. 0.006 min
 Lab File: BF143395.D
 Acq: 14 Aug 2025 21:56

Tgt Ion:112 Resp: 465387
 Ion Ratio Lower Upper
 112 100
 64 63.3 52.1 78.1
 63 32.1 26.6 39.8

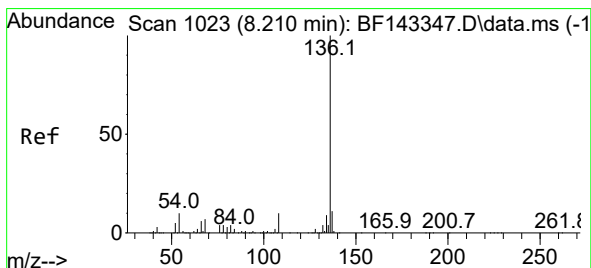
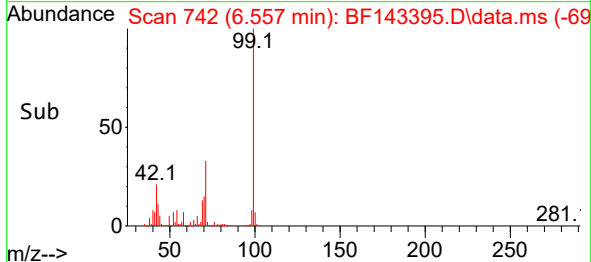
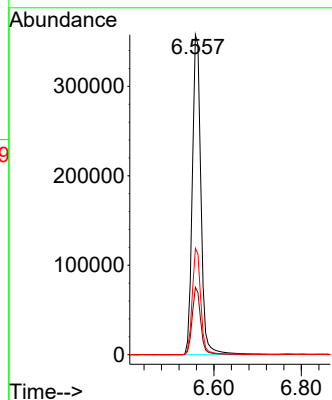
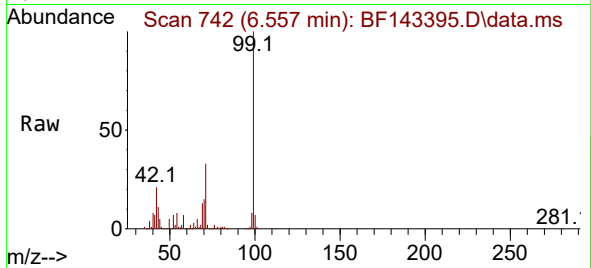




#7
Phenol-d6
Concen: 46.303 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF143395.D
Acq: 14 Aug 2025 21:56

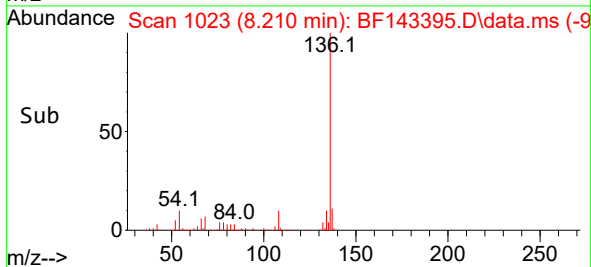
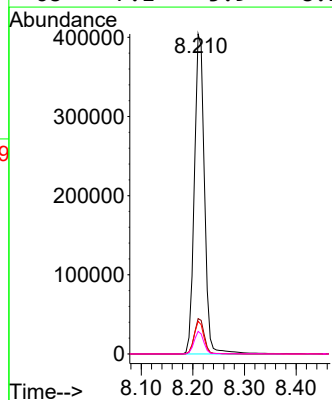
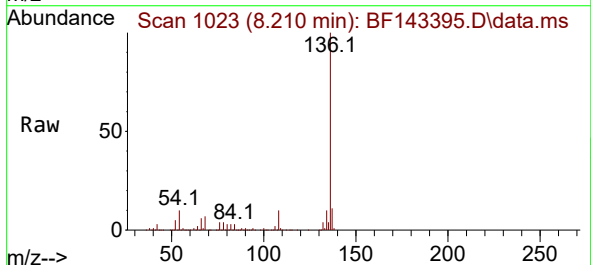
Instrument :
BNA_F
ClientSampleId :
TW-518R-N

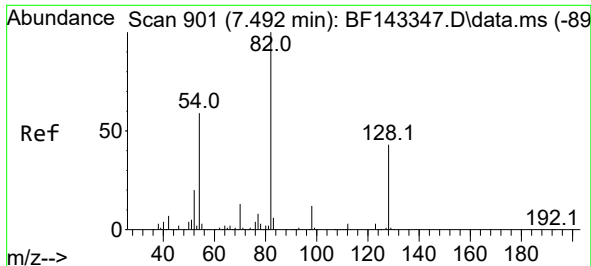
Tgt Ion: 99 Resp: 492660
Ion Ratio Lower Upper
99 100
42 21.0 16.6 25.0
71 33.3 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143395.D
Acq: 14 Aug 2025 21:56

Tgt Ion: 136 Resp: 546907
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.2 8.4 12.6
68 7.1 5.9 8.9





#23

Nitrobenzene-d5

Concen: 58.871 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF143395.D

Acq: 14 Aug 2025 21:56

Instrument :

BNA_F

ClientSampleId :

TW-518R-N

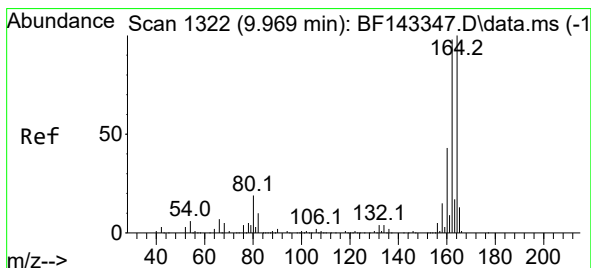
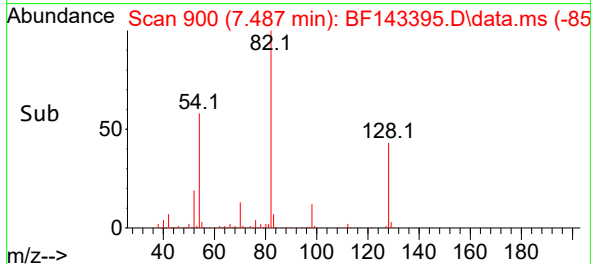
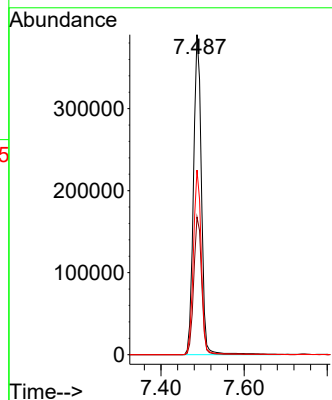
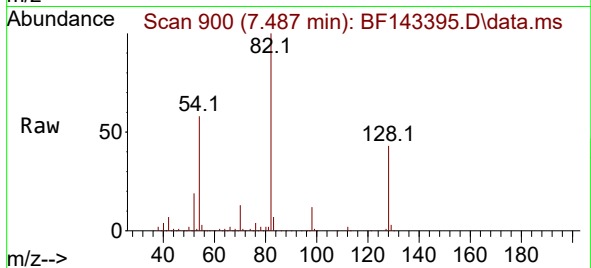
Tgt Ion: 82 Resp: 517024

Ion Ratio Lower Upper

82 100

128 43.0 33.5 50.3

54 57.7 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF143395.D

Acq: 14 Aug 2025 21:56

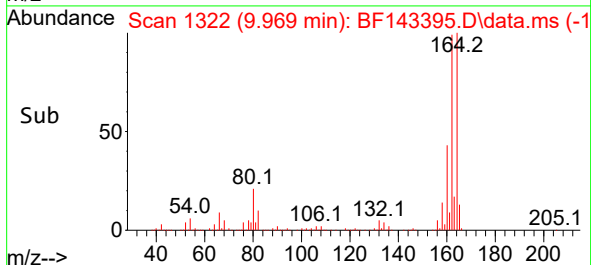
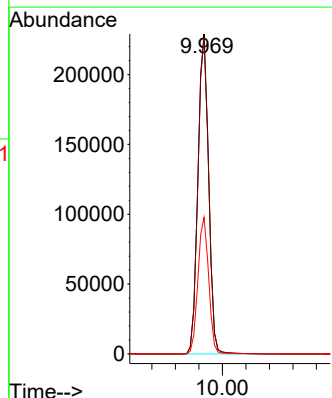
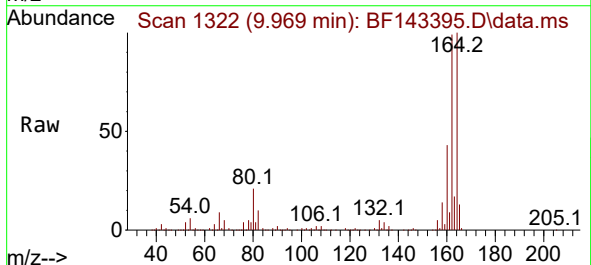
Tgt Ion: 164 Resp: 290368

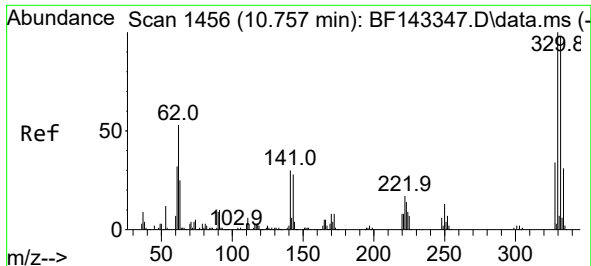
Ion Ratio Lower Upper

164 100

162 98.8 78.6 118.0

160 42.7 34.4 51.6

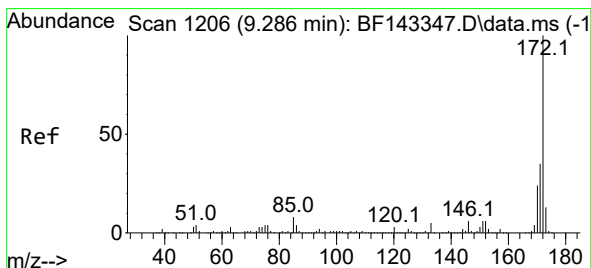
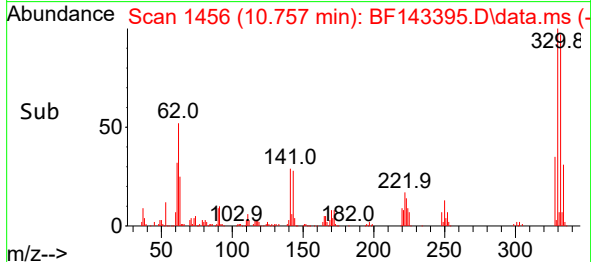
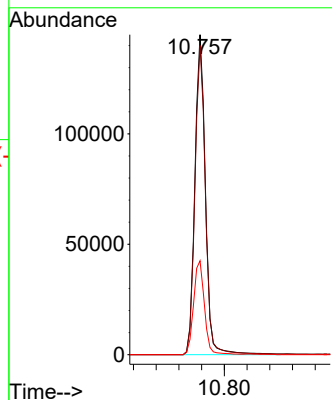
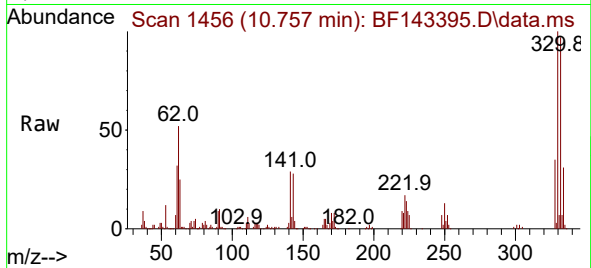




#42
2,4,6-Tribromophenol
Concen: 88.534 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF143395.D
Acq: 14 Aug 2025 21:56

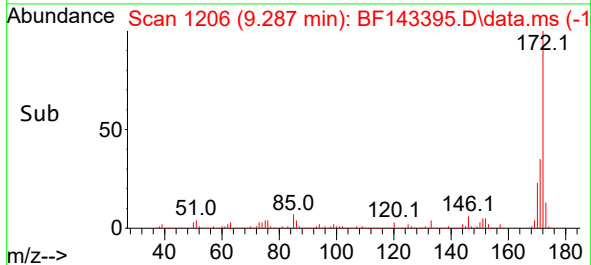
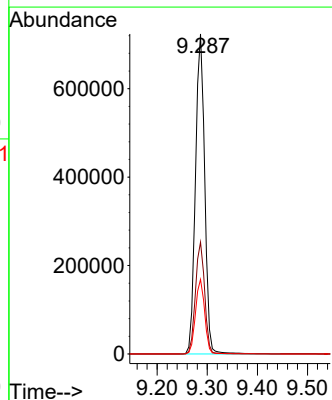
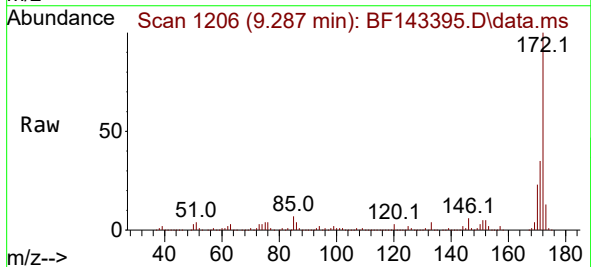
Instrument :
BNA_F
ClientSampleId :
TW-518R-N

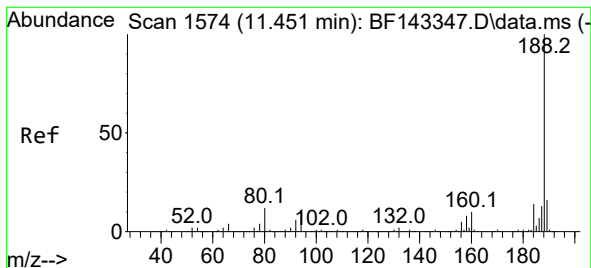
Tgt Ion:330 Resp: 187875
Ion Ratio Lower Upper
330 100
332 96.5 78.1 117.1
141 30.1 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 54.006 ng
RT: 9.287 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF143395.D
Acq: 14 Aug 2025 21:56

Tgt Ion:172 Resp: 924760
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.3 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143395.D

Acq: 14 Aug 2025 21:56

Instrument :

BNA_F

ClientSampleId :

TW-518R-N

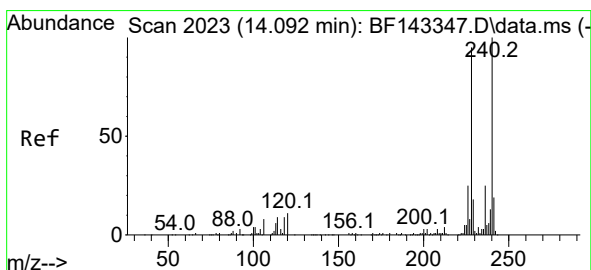
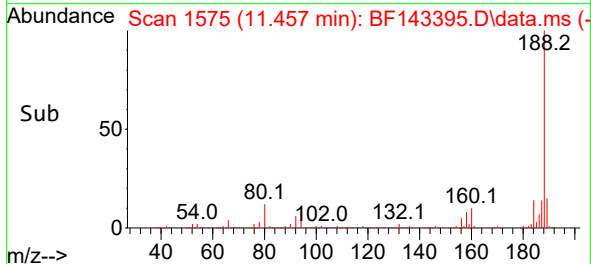
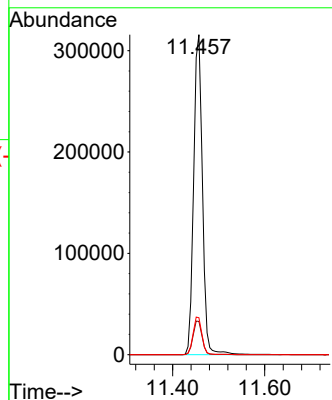
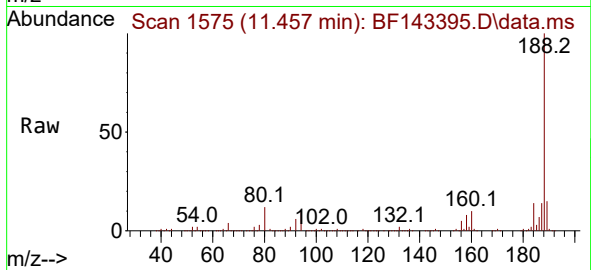
Tgt Ion:188 Resp: 417221

Ion Ratio Lower Upper

188 100

94 10.4 8.8 13.2

80 11.6 9.7 14.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.006 min

Lab File: BF143395.D

Acq: 14 Aug 2025 21:56

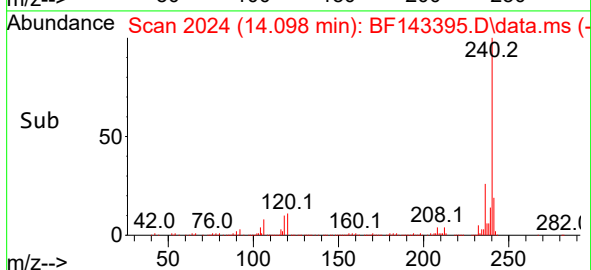
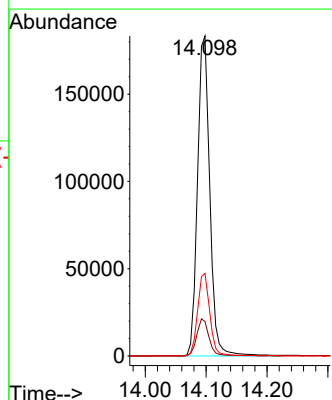
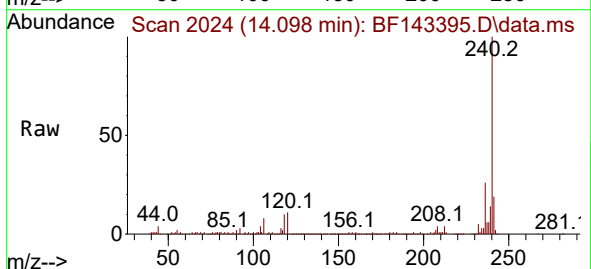
Tgt Ion:240 Resp: 257246

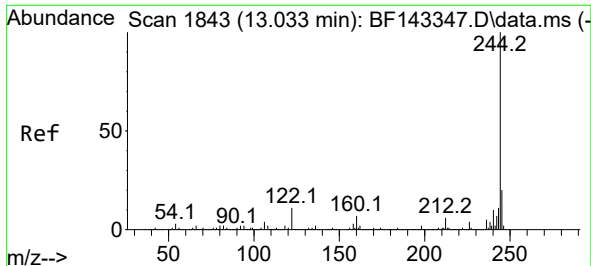
Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.6

236 25.8 19.9 29.9

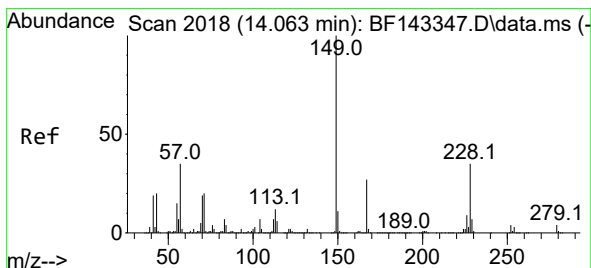
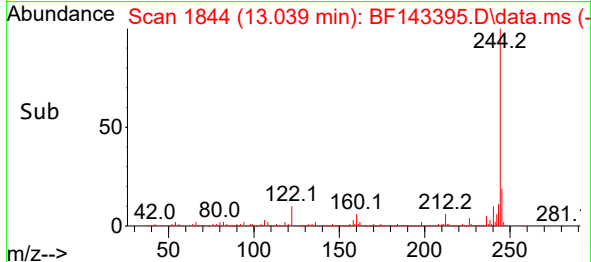
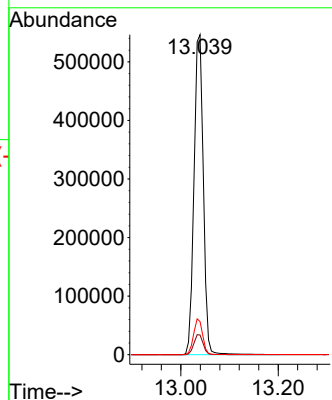
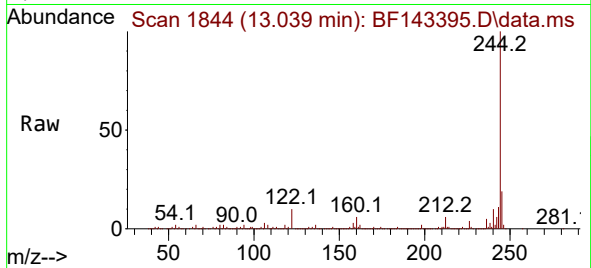




#79
 Terphenyl-d14
 Concen: 50.418 ng
 RT: 13.039 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF143395.D
 Acq: 14 Aug 2025 21:56

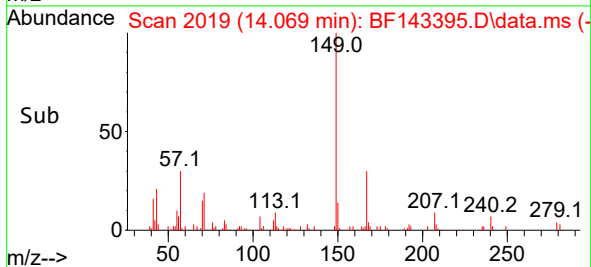
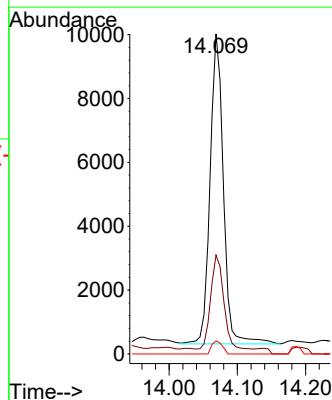
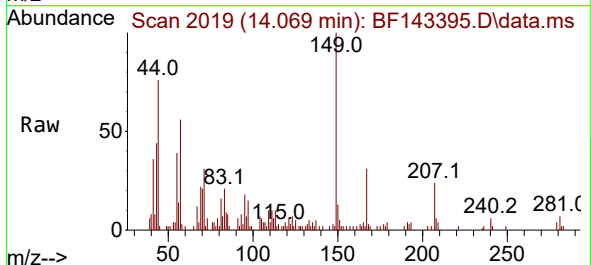
Instrument :
 BNA_F
 ClientSampleId :
 TW-518R-N

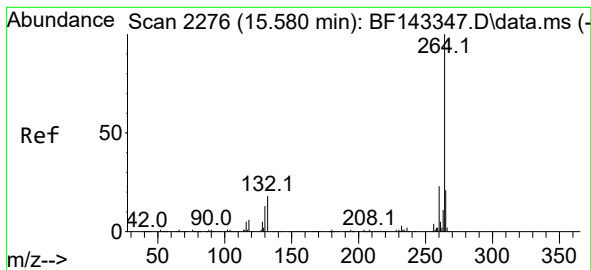
Tgt Ion:244 Resp: 726457
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.1 7.7
 122 10.4 8.9 13.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.925 ng
 RT: 14.069 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: BF143395.D
 Acq: 14 Aug 2025 21:56

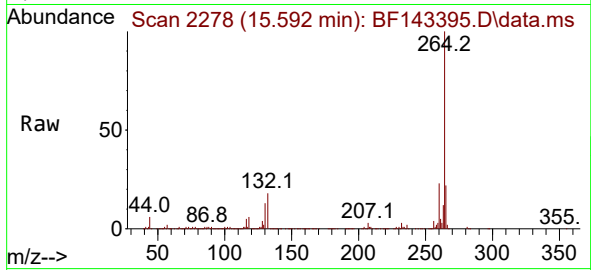
Tgt Ion:149 Resp: 13239
 Ion Ratio Lower Upper
 149 100
 167 30.9 21.4 32.0
 279 4.1 3.2 4.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143395.D
Acq: 14 Aug 2025 21:56

Instrument :
BNA_F
ClientSampleId :
TW-518R-N



Tgt Ion:264 Resp: 322811
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 22.0 17.2 25.8

