

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142275.D
 Acq On : 02 May 2025 11:07
 Operator : RC/JU
 Sample : PB167774TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167774TB

Quant Time: May 02 12:12:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	211665	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	810769	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	431876	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	766160	20.000	ng	0.00
76) Chrysene-d12	14.068	240	539015	20.000	ng	0.00
86) Perylene-d12	15.557	264	357511	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1589322	119.918	ng	0.01
7) Phenol-d6	6.522	99	1916023	119.718	ng	0.00
23) Nitrobenzene-d5	7.463	82	1130121	91.575	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	554280	140.782	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2305665	75.274	ng	0.00
79) Terphenyl-d14	13.021	244	2498554	67.418	ng	0.00

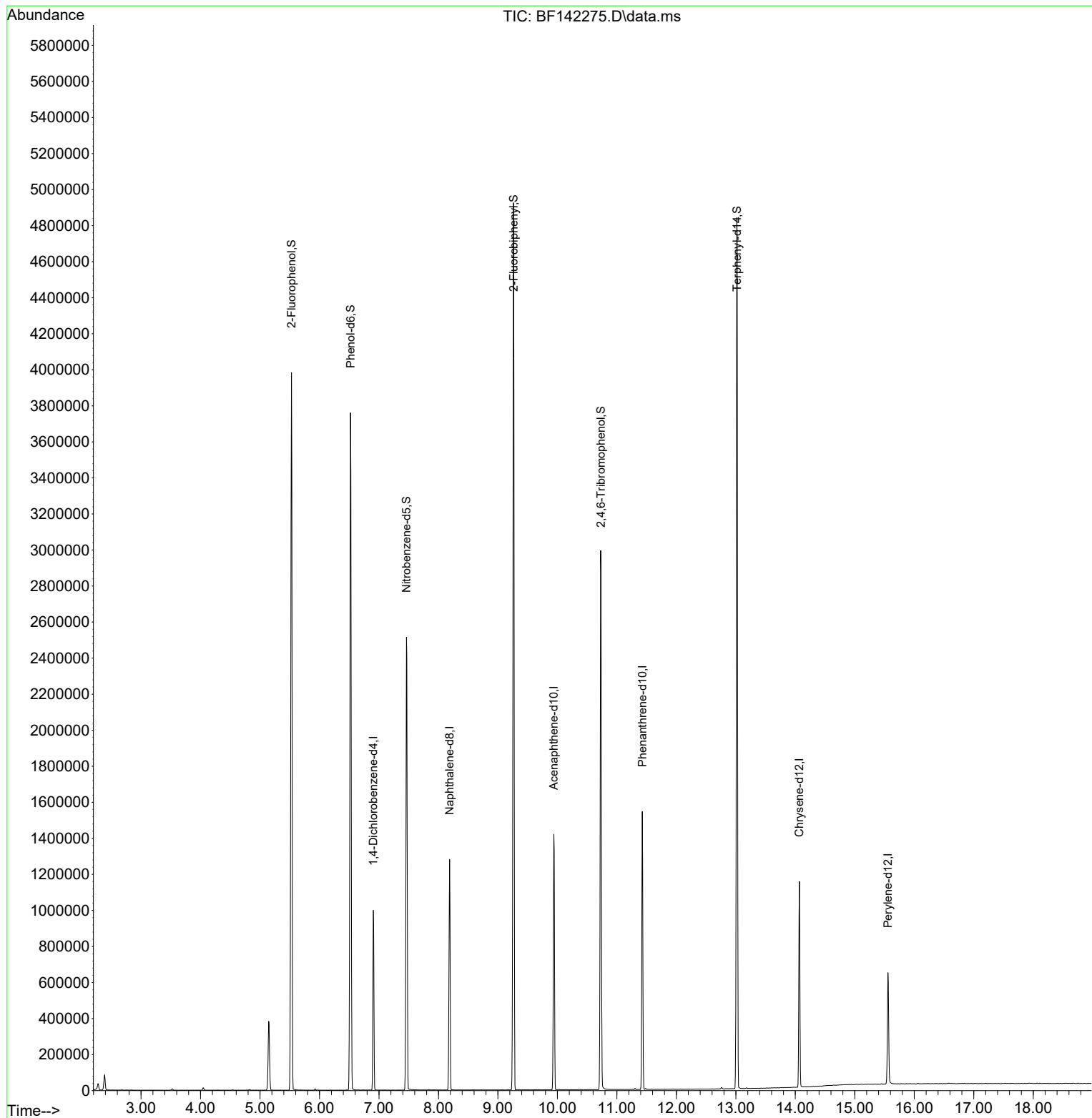
Target Compounds	Qvalue

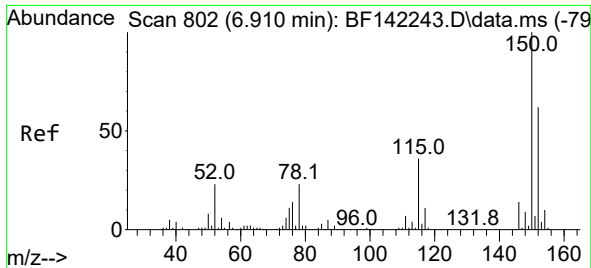
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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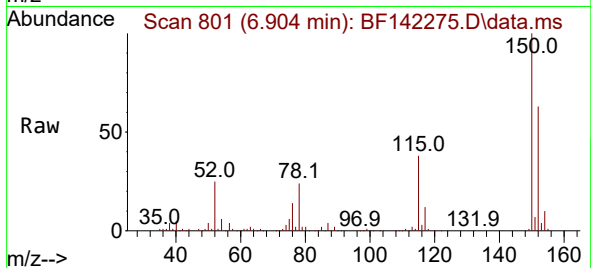
Quant Time: May 02 12:12:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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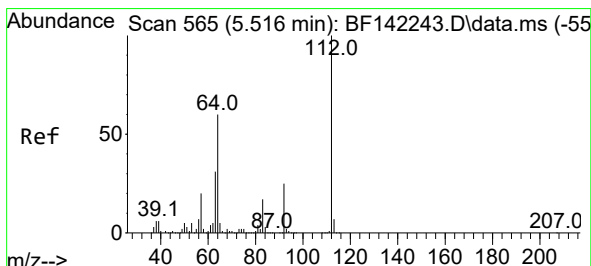
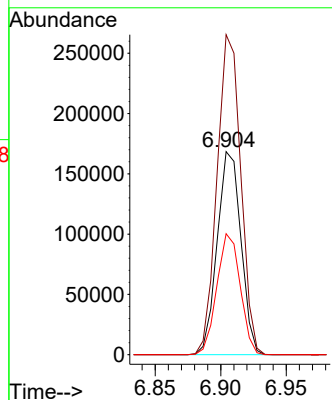
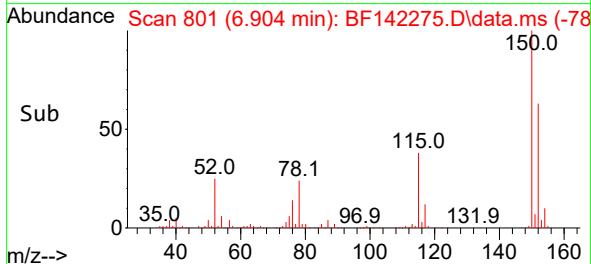


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142275.D
Acq: 02 May 2025 11:07

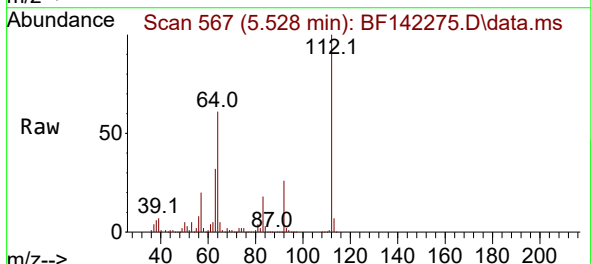
Instrument :
BNA_F
ClientSampleId :
PB167774TB



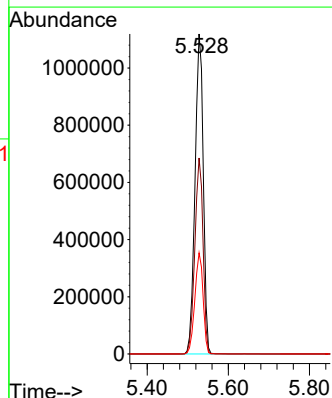
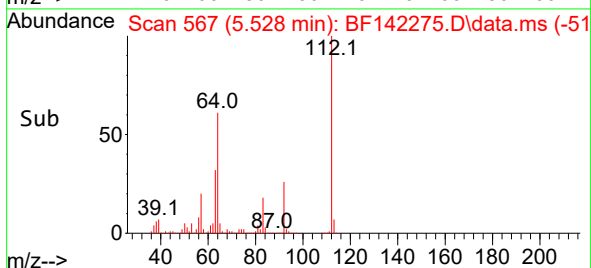
Tgt Ion:152 Resp: 211665
Ion Ratio Lower Upper
152 100
150 157.6 130.2 195.2
115 59.5 47.0 70.4

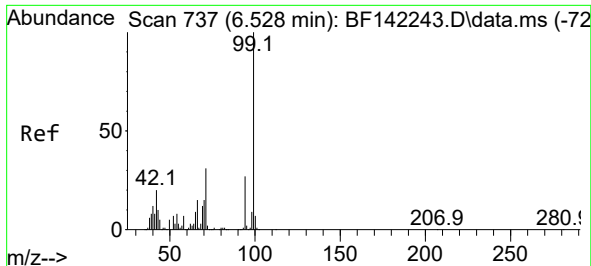


#5
2-Fluorophenol
Concen: 119.918 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142275.D
Acq: 02 May 2025 11:07



Tgt Ion:112 Resp: 1589322
Ion Ratio Lower Upper
112 100
64 61.2 48.4 72.6
63 31.6 24.8 37.2

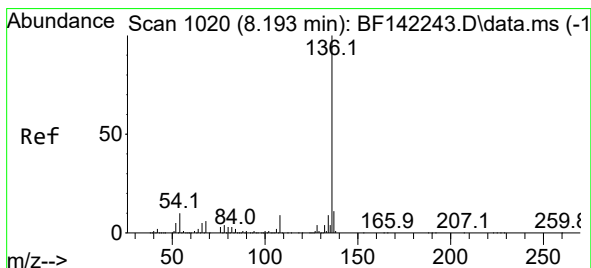
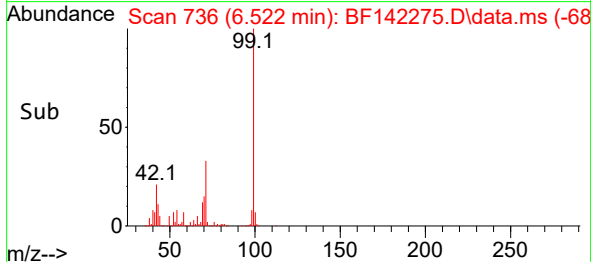
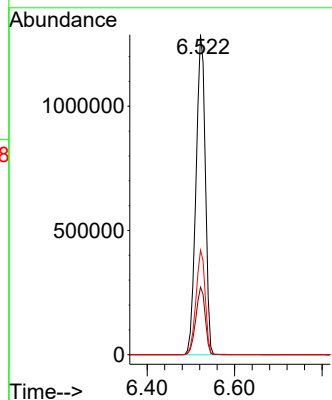
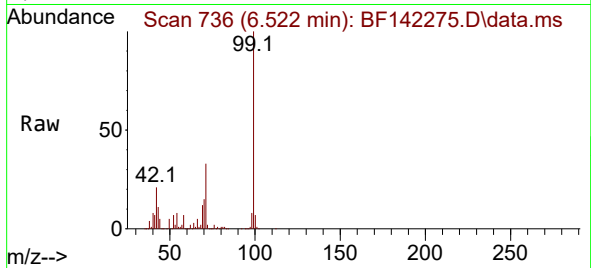




#7
Phenol-d6
Concen: 119.718 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142275.D
Acq: 02 May 2025 11:07

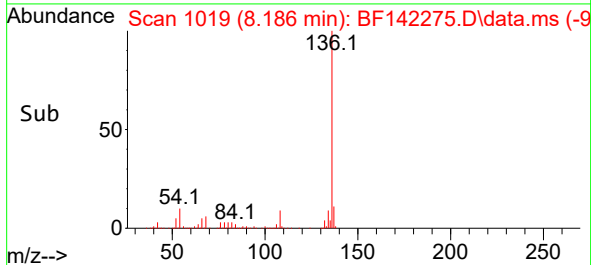
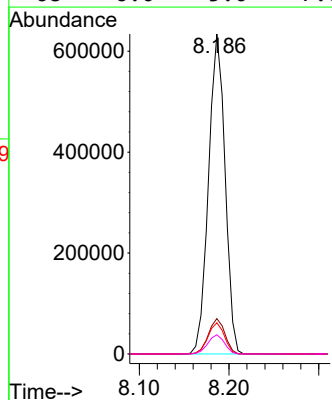
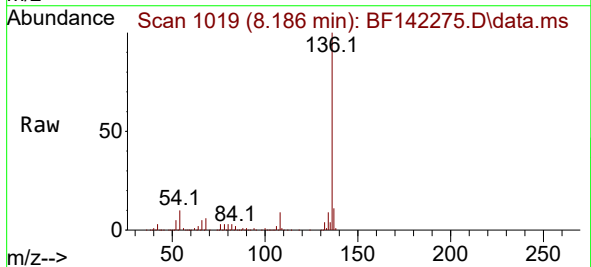
Instrument :
BNA_F
ClientSampleId :
PB167774TB

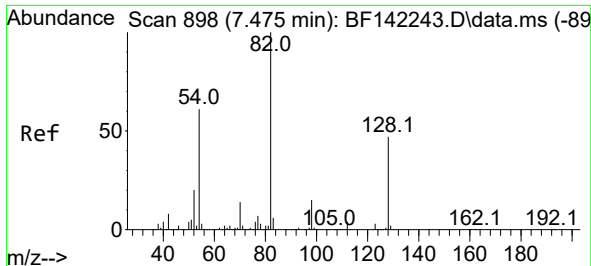
Tgt Ion: 99 Resp: 1916023
Ion Ratio Lower Upper
99 100
42 21.1 16.3 24.5
71 32.6 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142275.D
Acq: 02 May 2025 11:07

Tgt Ion:136 Resp: 810769
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.7 7.7 11.5
68 6.0 5.0 7.6





#23

Nitrobenzene-d5

Concen: 91.575 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142275.D

Acq: 02 May 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB167774TB

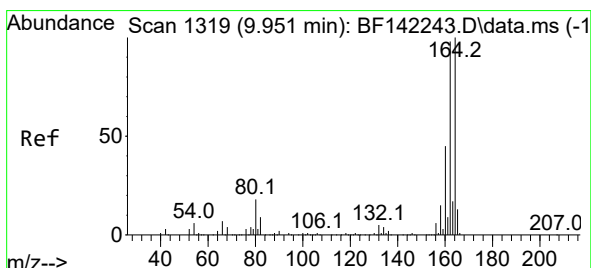
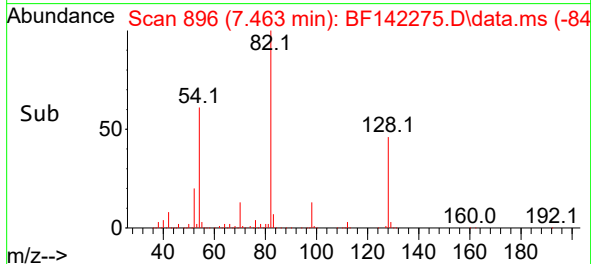
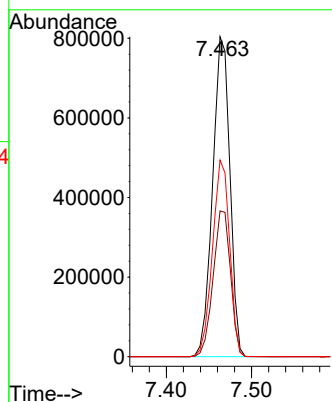
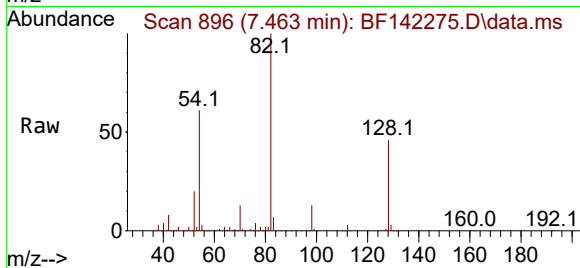
Tgt Ion: 82 Resp: 1130121

Ion Ratio Lower Upper

82 100

128 45.6 37.0 55.6

54 61.4 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.012 min

Lab File: BF142275.D

Acq: 02 May 2025 11:07

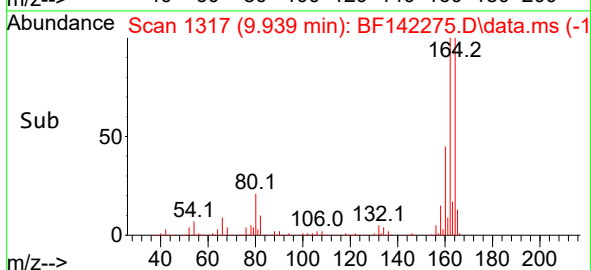
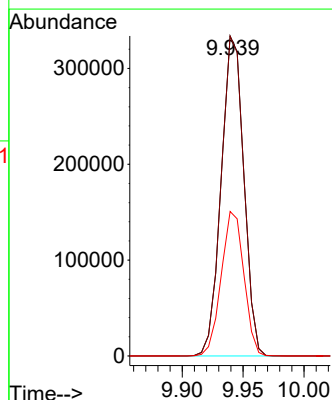
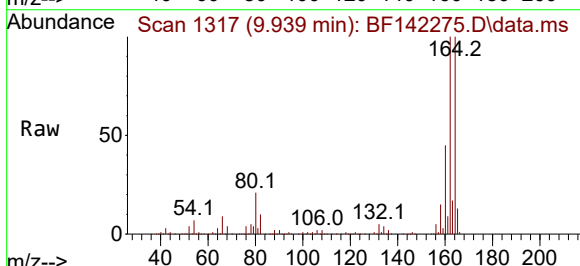
Tgt Ion:164 Resp: 431876

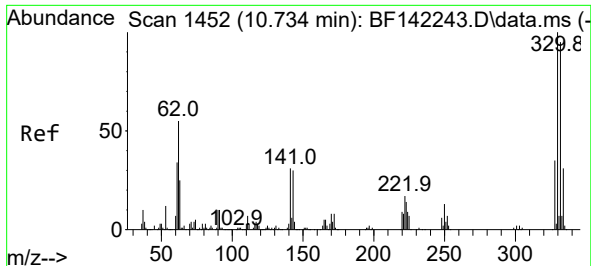
Ion Ratio Lower Upper

164 100

162 99.9 78.6 117.8

160 45.2 35.7 53.5

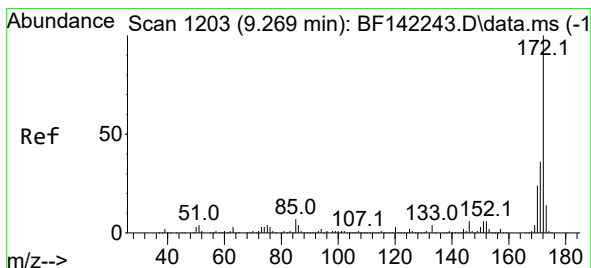
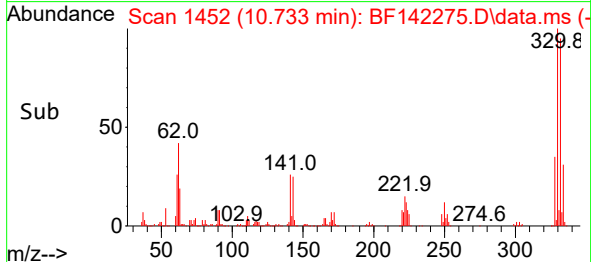
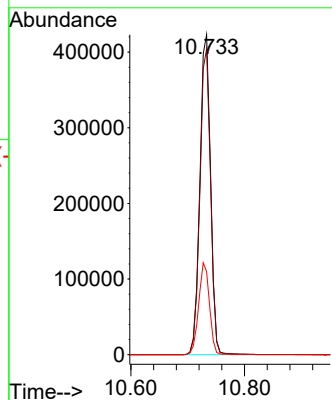
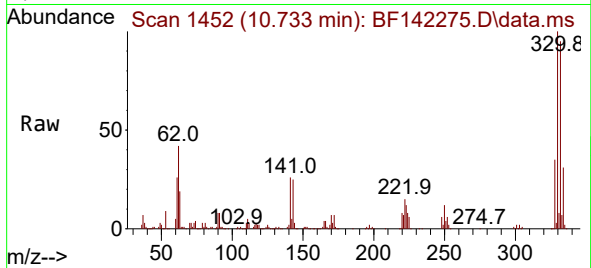




#42
2,4,6-Tribromophenol
Concen: 140.782 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142275.D
Acq: 02 May 2025 11:07

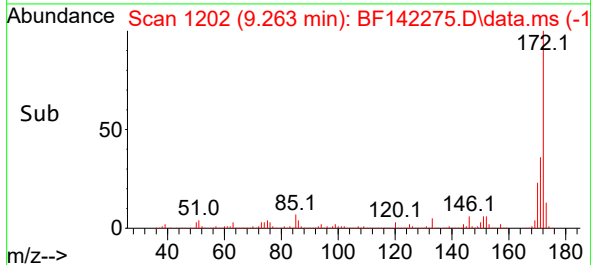
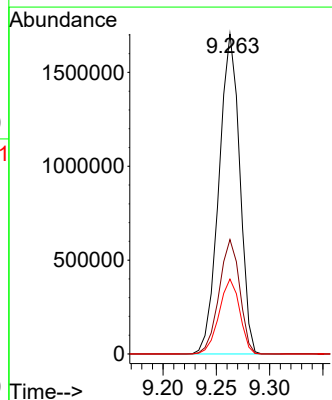
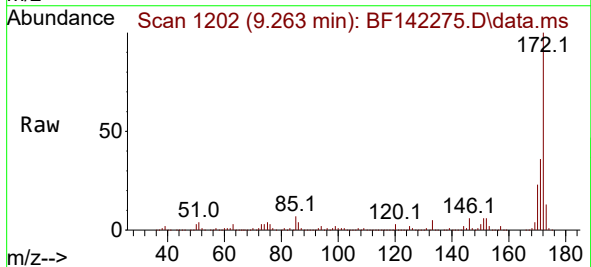
Instrument :
BNA_F
ClientSampleId :
PB167774TB

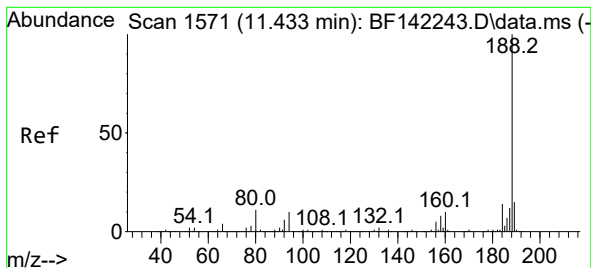
Tgt Ion:330 Resp: 554280
Ion Ratio Lower Upper
330 100
332 95.2 76.5 114.7
141 29.0 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 75.274 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142275.D
Acq: 02 May 2025 11:07

Tgt Ion:172 Resp: 2305665
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.4
170 23.4 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142275.D

Acq: 02 May 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB167774TB

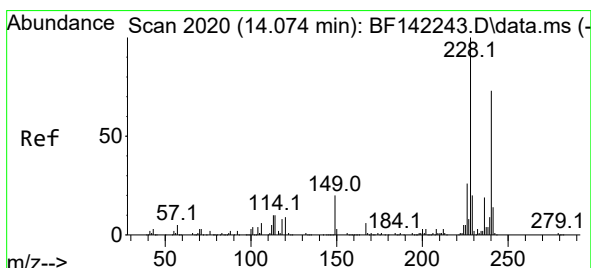
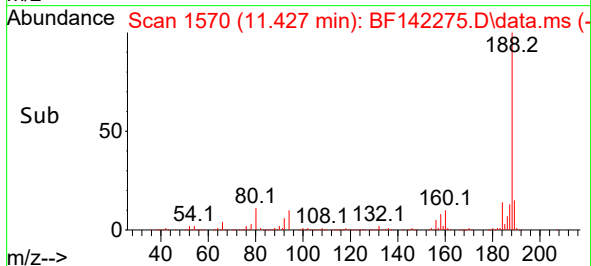
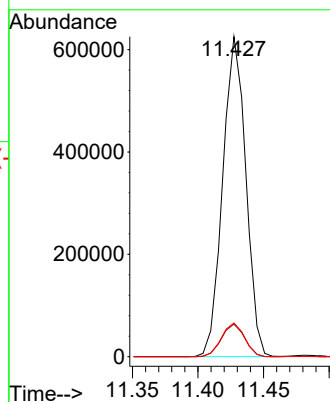
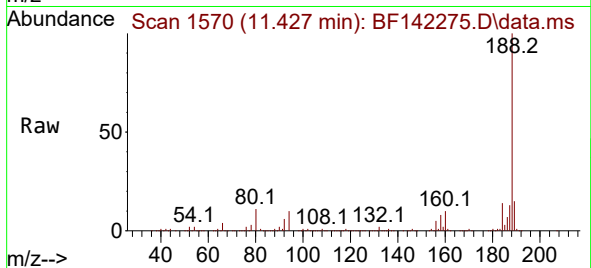
Tgt Ion:188 Resp: 766160

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

80 10.6 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142275.D

Acq: 02 May 2025 11:07

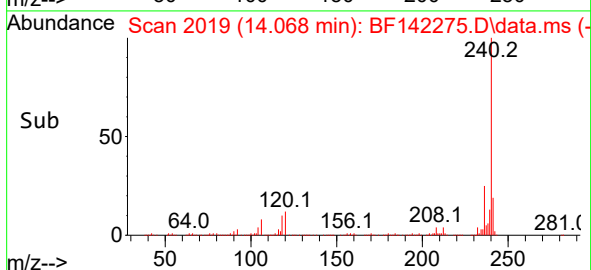
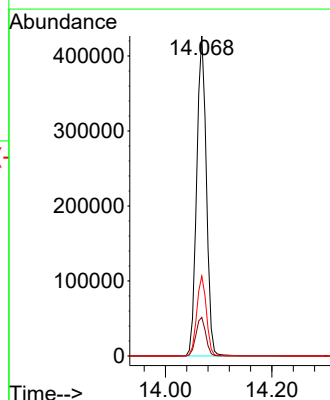
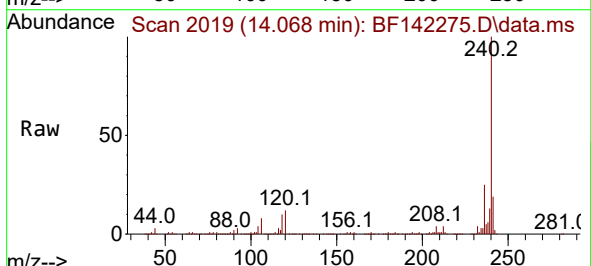
Tgt Ion:240 Resp: 539015

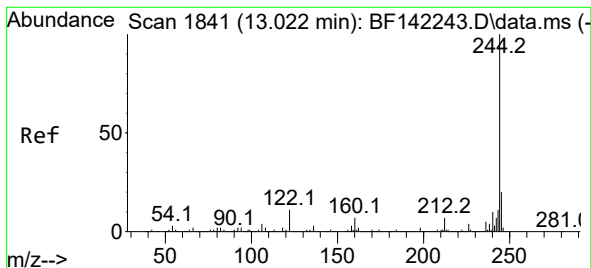
Ion Ratio Lower Upper

240 100

120 12.0 10.1 15.1

236 25.0 20.5 30.7





#79

Terphenyl-d14

Concen: 67.418 ng

RT: 13.021 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF142275.D

Acq: 02 May 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB167774TB

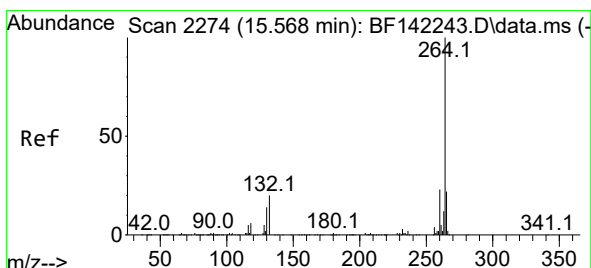
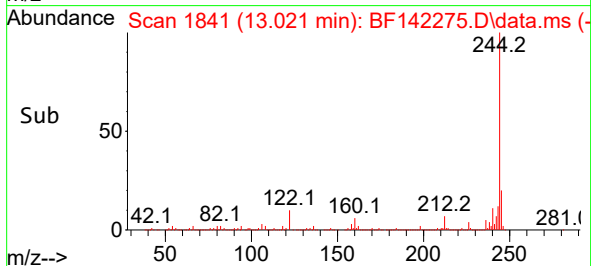
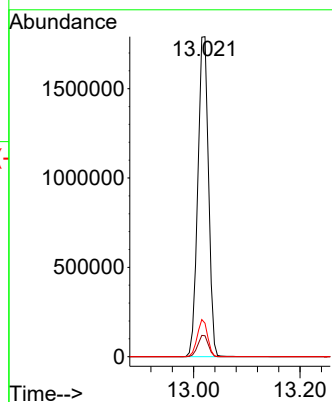
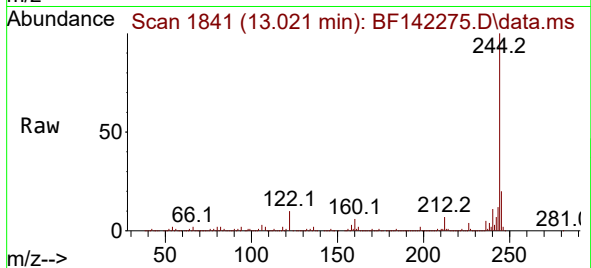
Tgt Ion:244 Resp: 2498554

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

122 10.4 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF142275.D

Acq: 02 May 2025 11:07

Tgt Ion:264 Resp: 357511

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 21.3 17.3 25.9

