

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
 Data File : BF142331.D
 Acq On : 12 May 2025 20:32
 Operator : RC/JU
 Sample : Q2004-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 205510

Quant Time: May 13 01:05:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

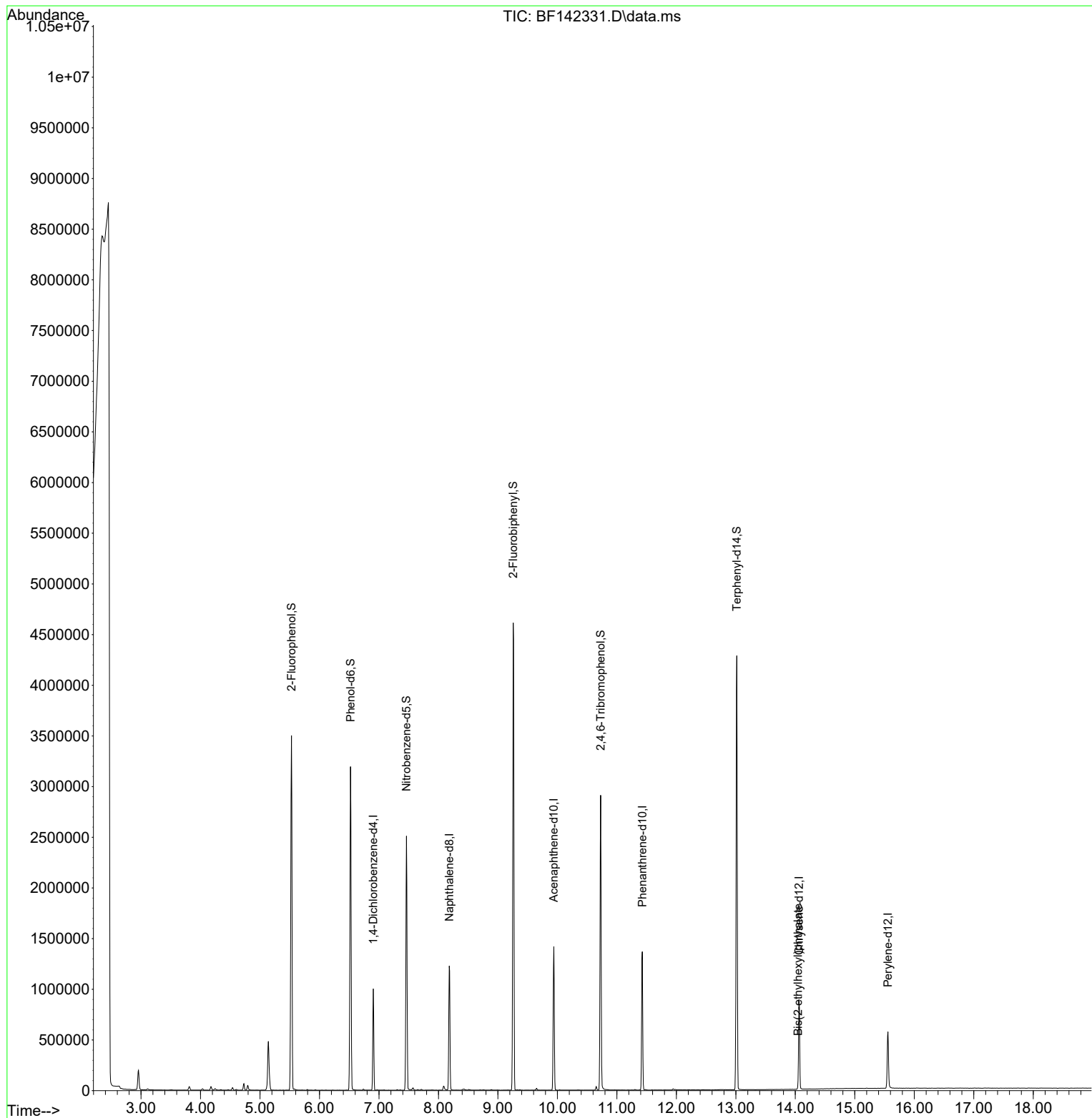
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	207177	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	790033	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	420228	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	706774	20.000	ng	0.00
76) Chrysene-d12	14.063	240	428421	20.000	ng	0.00
86) Perylene-d12	15.557	264	333799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1378726	113.603	ng	0.02
7) Phenol-d6	6.522	99	1537150	102.979	ng	0.00
23) Nitrobenzene-d5	7.463	82	1050258	81.075	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	530489	130.752	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2167536	73.547	ng	0.00
79) Terphenyl-d14	13.016	244	2135557	73.779	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.045	149	9910	4.860	ng	Qvalue 98

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

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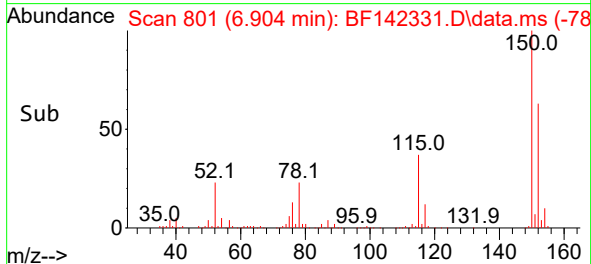
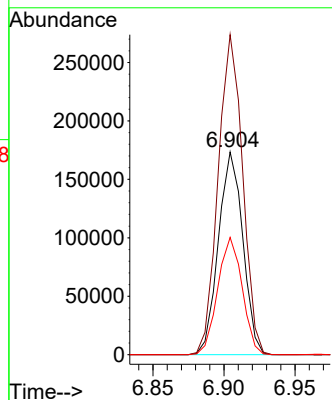
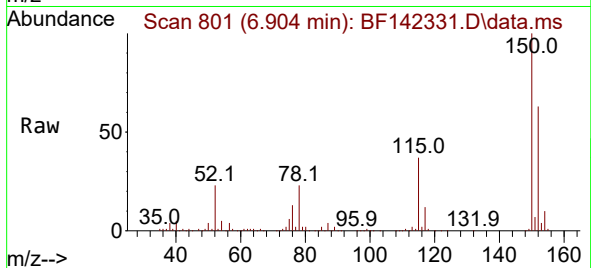




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142331.D
Acq: 12 May 2025 20:32

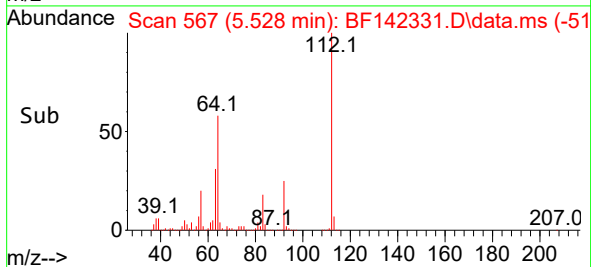
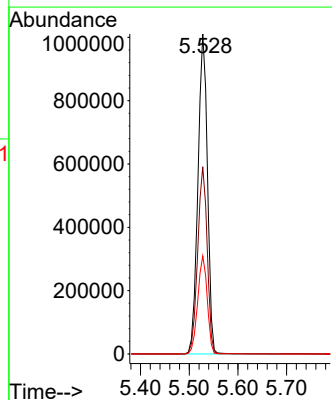
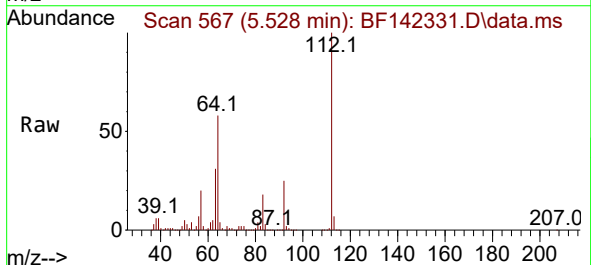
Instrument :
BNA_F
ClientSampleId :
205510

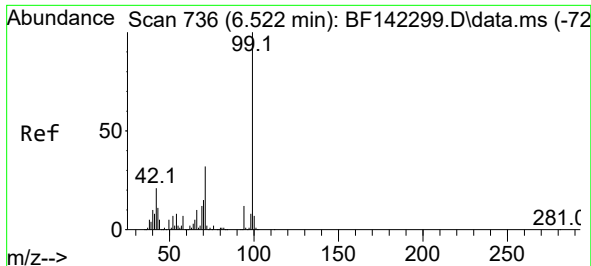
Tgt Ion:152 Resp: 207177
Ion Ratio Lower Upper
152 100
150 157.8 126.6 190.0
115 57.9 47.3 70.9



#5
2-Fluorophenol
Concen: 113.603 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF142331.D
Acq: 12 May 2025 20:32

Tgt Ion:112 Resp: 1378726
Ion Ratio Lower Upper
112 100
64 58.5 48.9 73.3
63 30.6 25.6 38.4

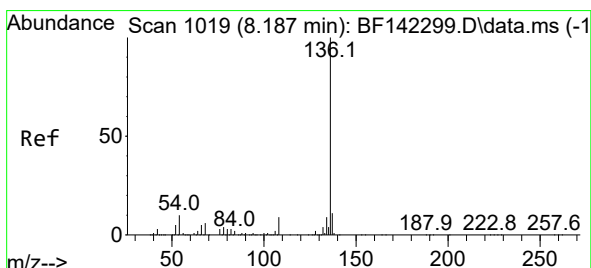
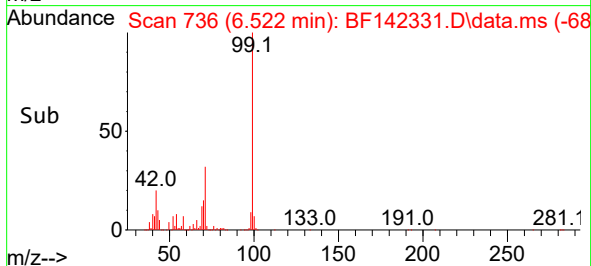
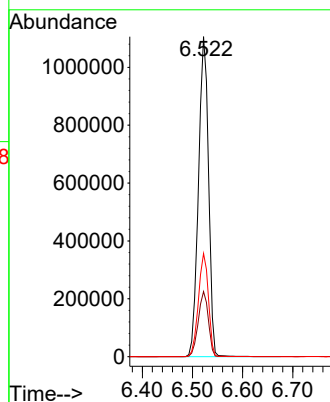
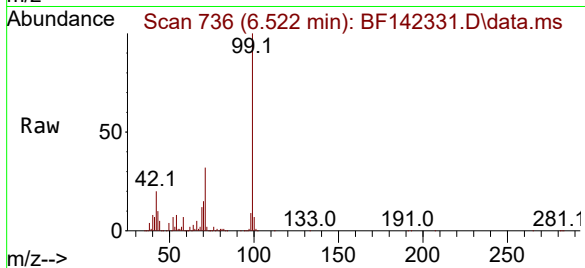




#7
Phenol-d6
Concen: 102.979 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142331.D
Acq: 12 May 2025 20:32

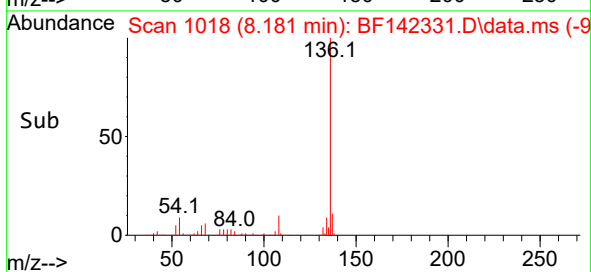
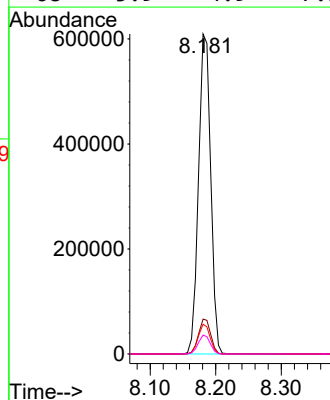
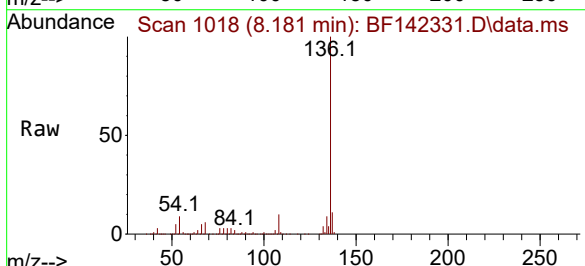
Instrument :
BNA_F
ClientSampleId :
205510

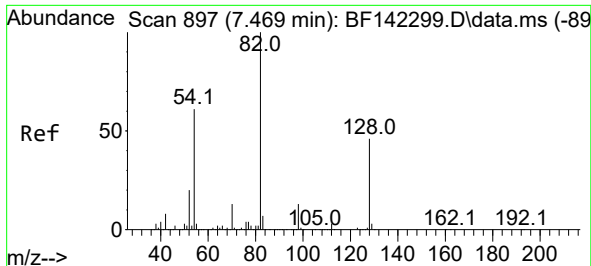
Tgt Ion: 99 Resp: 1537150
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.4
71 32.2 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142331.D
Acq: 12 May 2025 20:32

Tgt Ion:136 Resp: 790033
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.3 7.7 11.5
68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 81.075 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142331.D

Acq: 12 May 2025 20:32

Instrument :

BNA_F

ClientSampleId :

205510

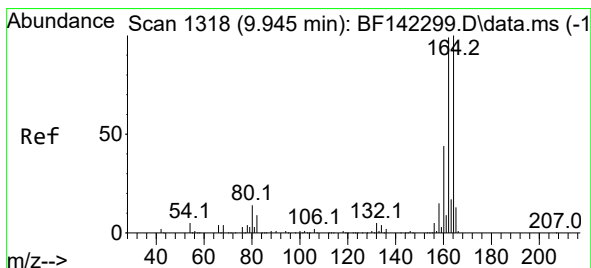
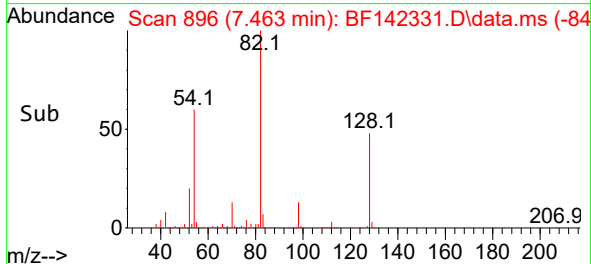
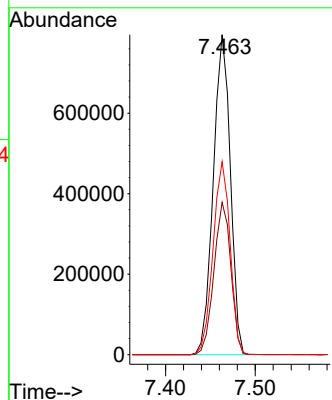
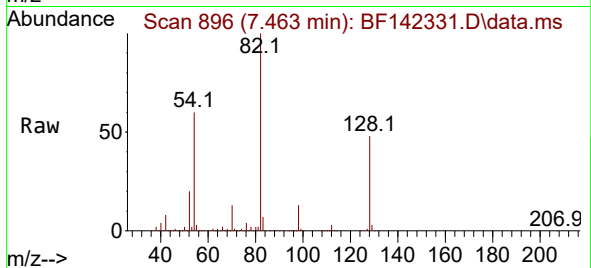
Tgt Ion: 82 Resp: 1050258

Ion Ratio Lower Upper

82 100

128 47.6 37.0 55.6

54 60.3 48.6 73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF142331.D

Acq: 12 May 2025 20:32

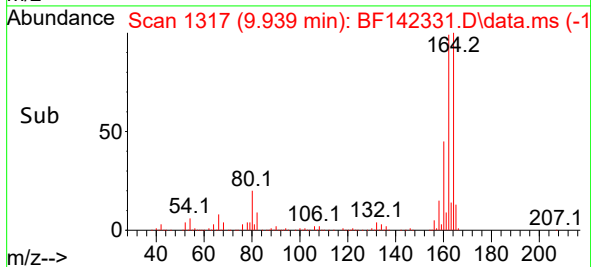
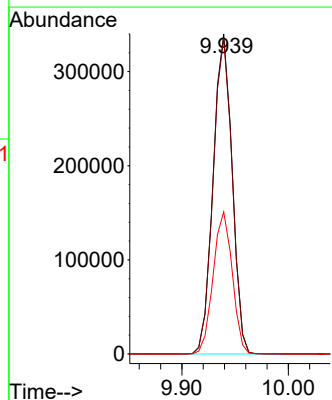
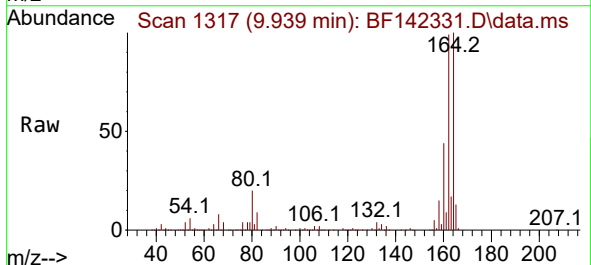
Tgt Ion:164 Resp: 420228

Ion Ratio Lower Upper

164 100

162 98.7 79.2 118.8

160 44.4 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 130.752 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142331.D

Acq: 12 May 2025 20:32

Instrument :

BNA_F

ClientSampleId :

205510

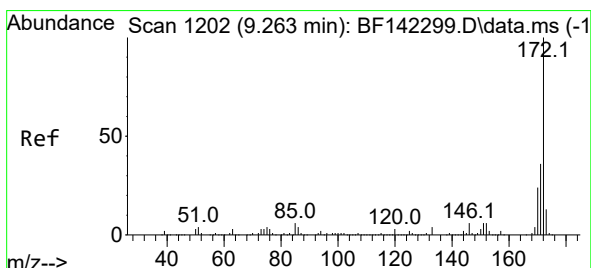
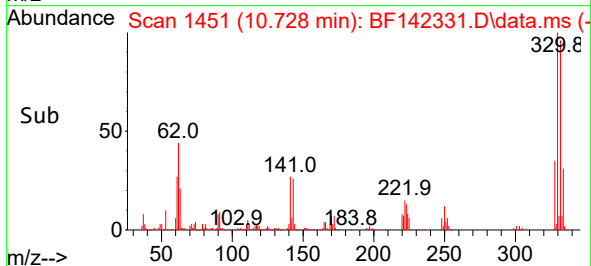
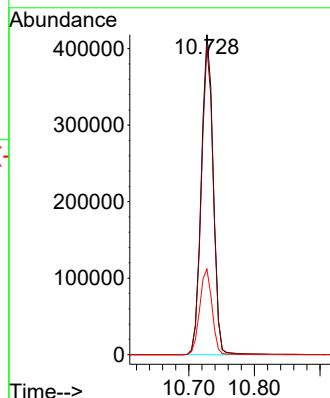
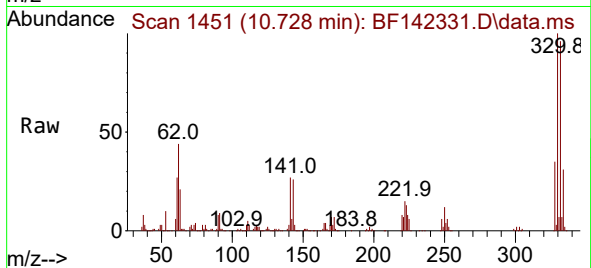
Tgt Ion:330 Resp: 530489

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

141 27.7 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 73.547 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142331.D

Acq: 12 May 2025 20:32

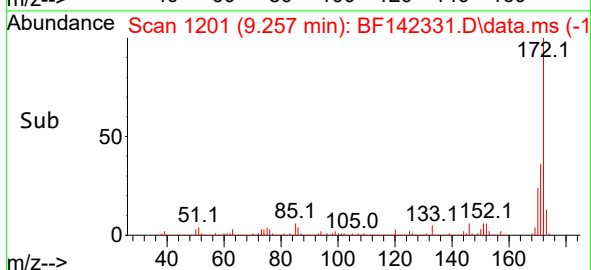
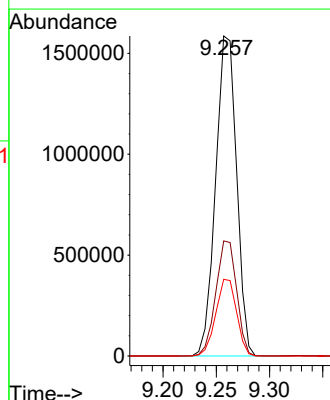
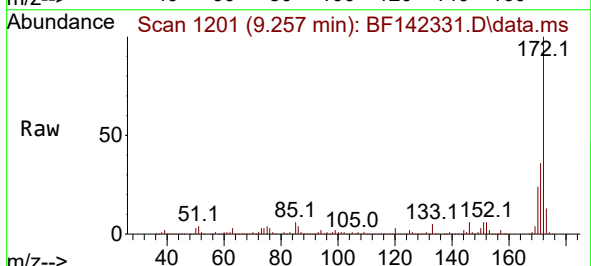
Tgt Ion:172 Resp: 2167536

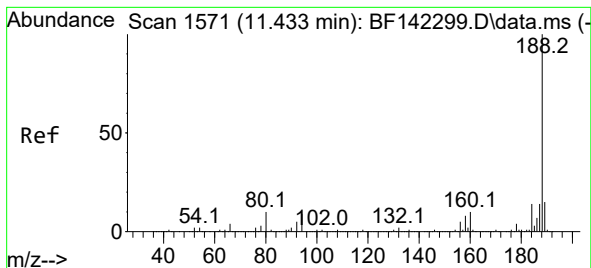
Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

170 24.0 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142331.D

Acq: 12 May 2025 20:32

Instrument :

BNA_F

ClientSampleId :

205510

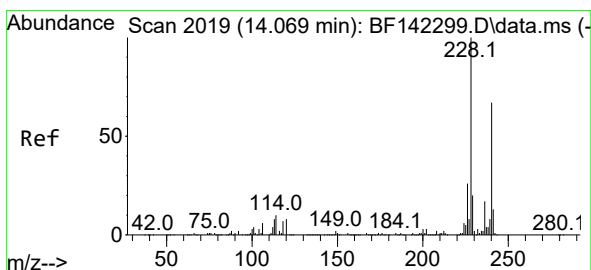
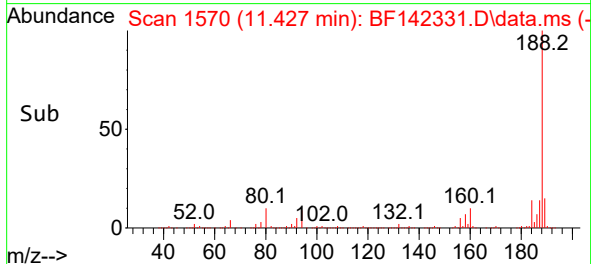
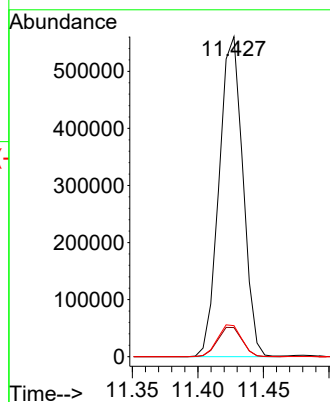
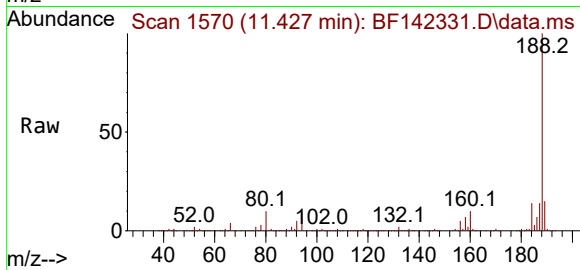
Tgt Ion:188 Resp: 706774

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

80 9.7 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF142331.D

Acq: 12 May 2025 20:32

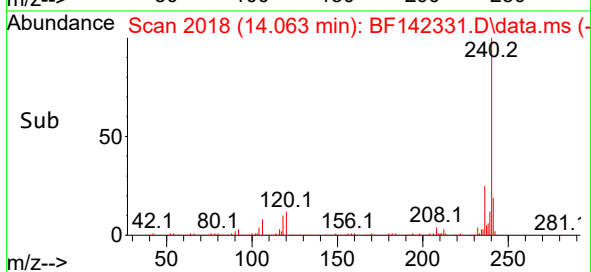
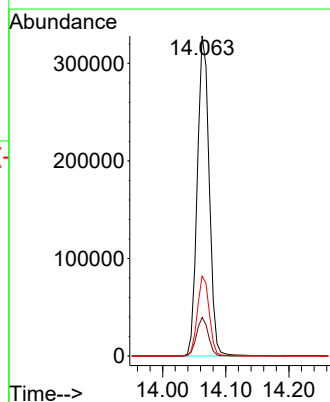
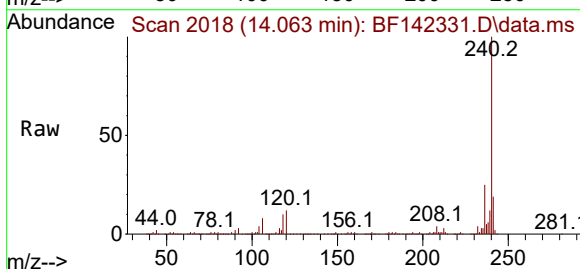
Tgt Ion:240 Resp: 428421

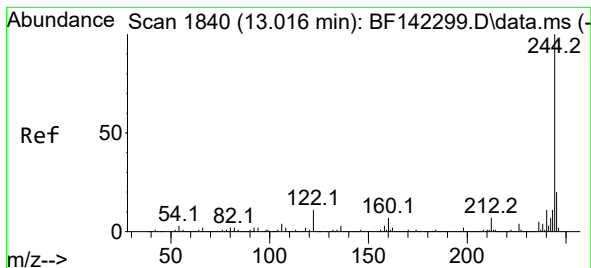
Ion Ratio Lower Upper

240 100

120 12.1 9.7 14.5

236 25.0 20.0 30.0





#79

Terphenyl-d14

Concen: 73.779 ng

RT: 13.016 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142331.D

Acq: 12 May 2025 20:32

Instrument :

BNA_F

ClientSampleId :

205510

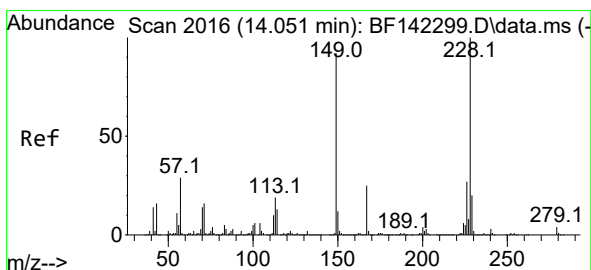
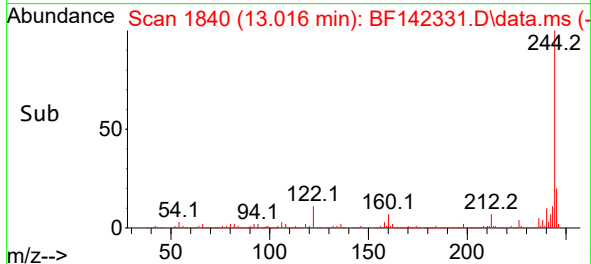
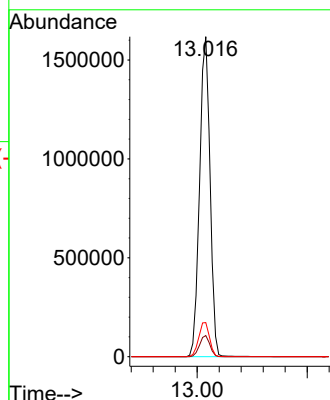
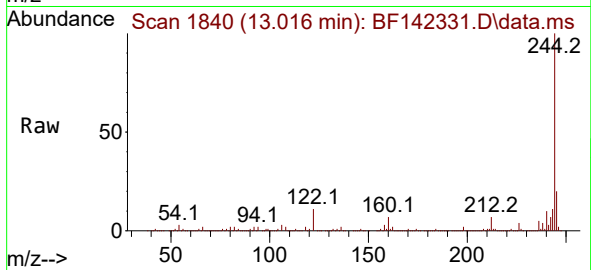
Tgt Ion:244 Resp: 2135557

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.7 9.0 13.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.860 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142331.D

Acq: 12 May 2025 20:32

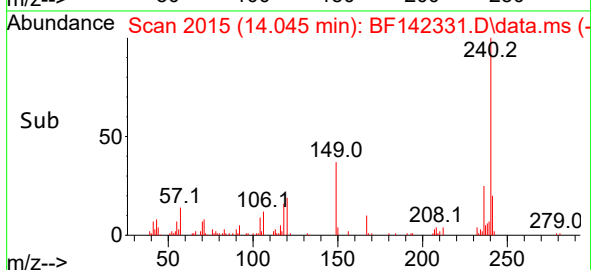
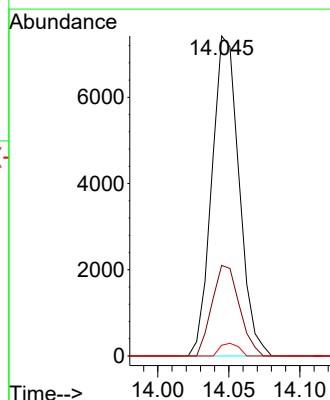
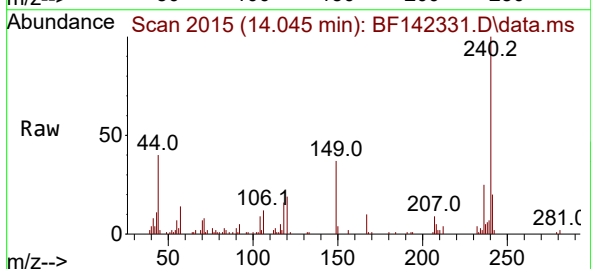
Tgt Ion:149 Resp: 9910

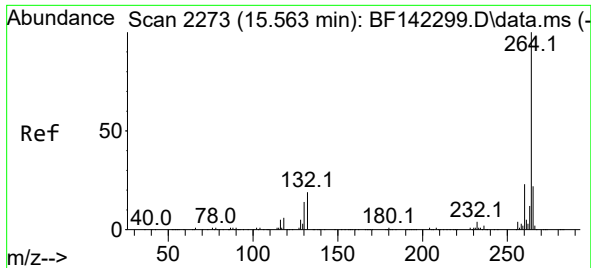
Ion Ratio Lower Upper

149 100

167 28.3 22.0 33.0

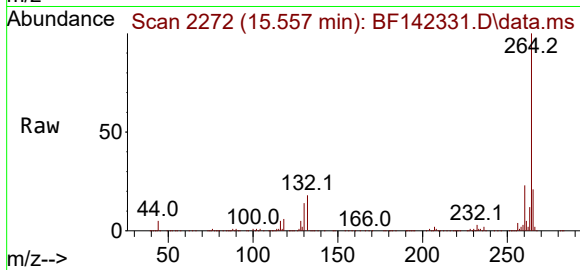
279 3.4 3.0 4.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142331.D
 Acq: 12 May 2025 20:32

Instrument :
 BNA_F
 ClientSampleId :
 205510



Tgt Ion:264 Resp: 333799
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 27.8
 265 21.3 17.5 26.3

