

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
 Data File : BF142365.D
 Acq On : 14 May 2025 14:51
 Operator : RC/JU
 Sample : Q1982-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: May 14 15:32:52 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)

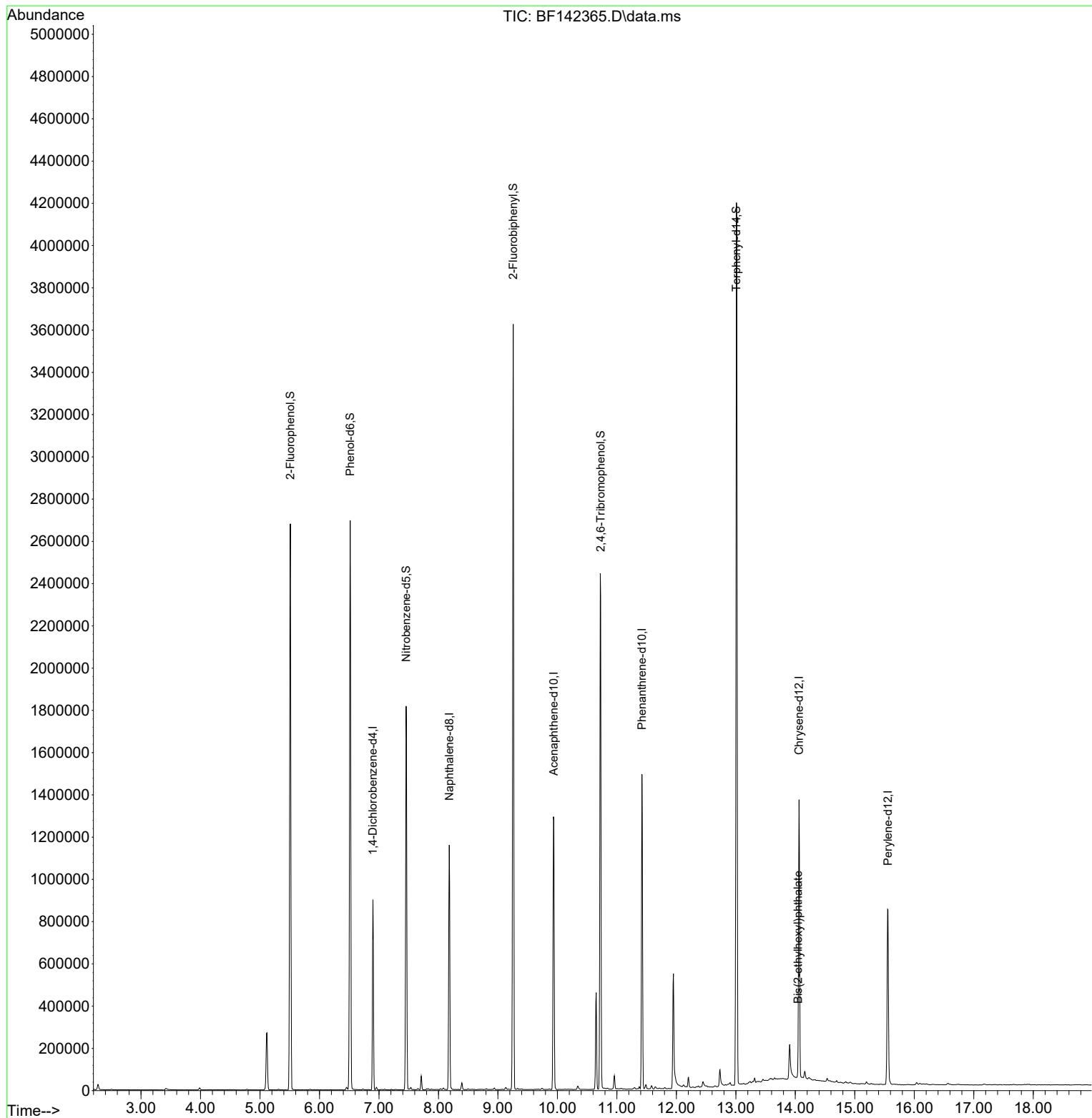
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	187393	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	720141	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	397265	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	760301	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	624905	20.000	ng	0.00
86) Perylene-d12	15.557	264	499846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1055907	96.189	ng	0.00
7) Phenol-d6	6.516	99	1309851	97.016	ng	0.00
23) Nitrobenzene-d5	7.457	82	770287	65.234	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	454333	118.454	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1617731	58.064	ng	0.00
79) Terphenyl-d14	13.010	244	2158643	51.128	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.045	149	6731	4.527	ng	Qvalue 97

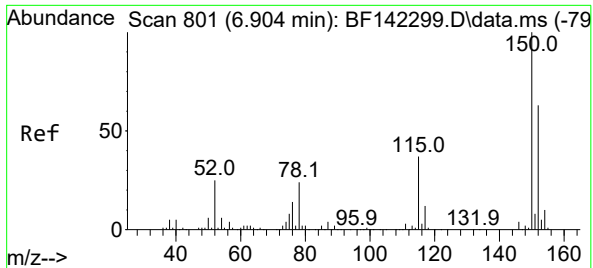
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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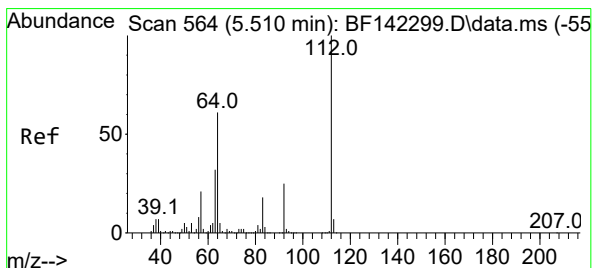
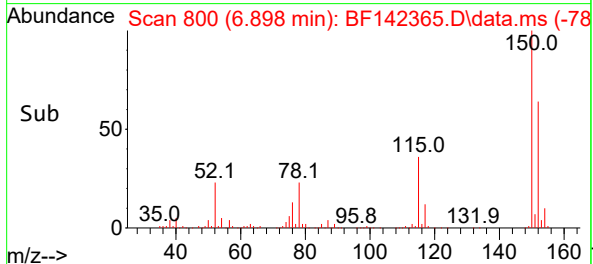
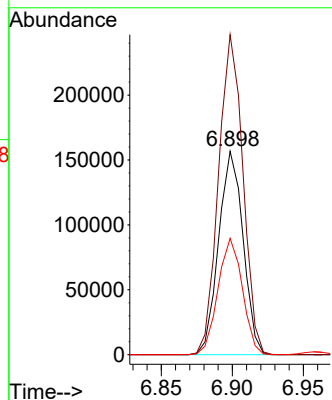
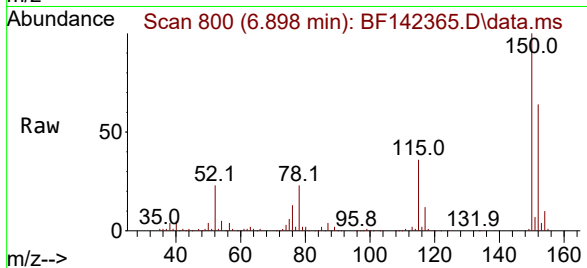




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 801
 Delta R.T. -0.006 min
 Lab File: BF142365.D
 Acq: 14 May 2025 14:51

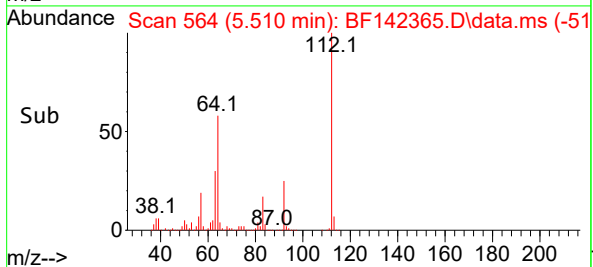
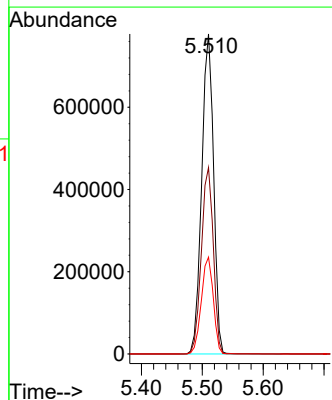
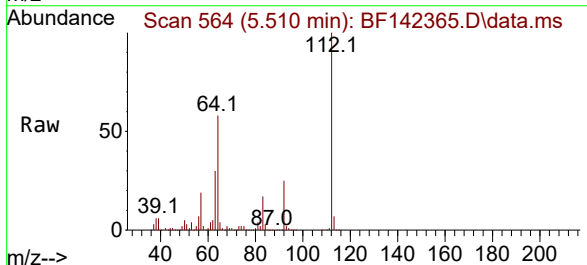
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

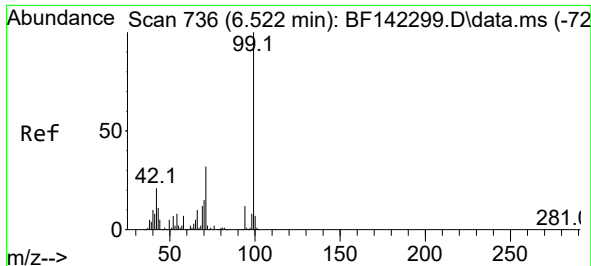
Tgt Ion:152 Resp: 187393
 Ion Ratio Lower Upper
 152 100
 150 157.4 126.6 190.0
 115 57.2 47.3 70.9



#5
 2-Fluorophenol
 Concen: 96.189 ng
 RT: 5.510 min Scan# 564
 Delta R.T. -0.000 min
 Lab File: BF142365.D
 Acq: 14 May 2025 14:51

Tgt Ion:112 Resp: 1055907
 Ion Ratio Lower Upper
 112 100
 64 58.3 48.9 73.3
 63 30.2 25.6 38.4

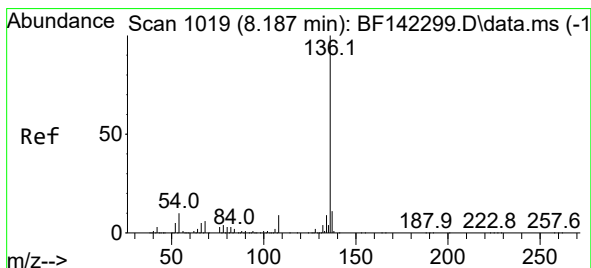
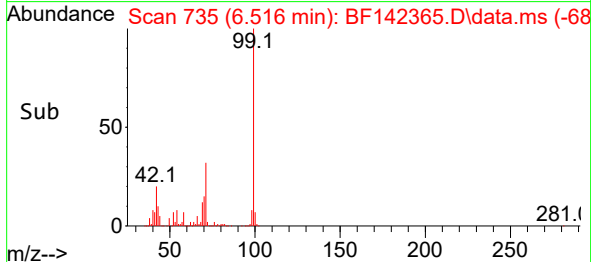
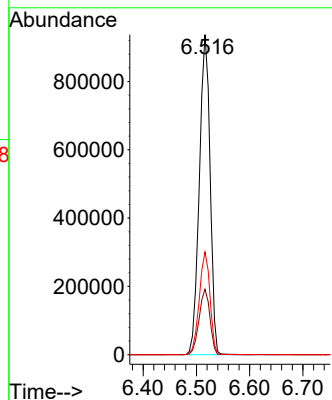
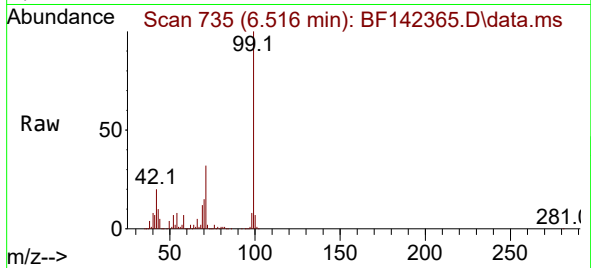




#7
Phenol-d6
Concen: 97.016 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142365.D
Acq: 14 May 2025 14:51

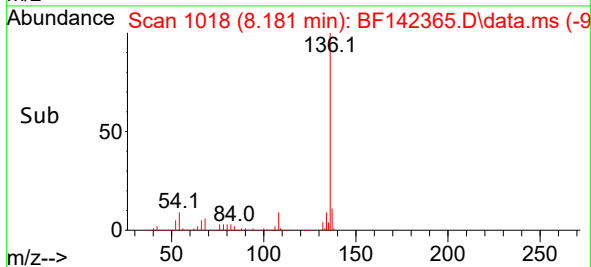
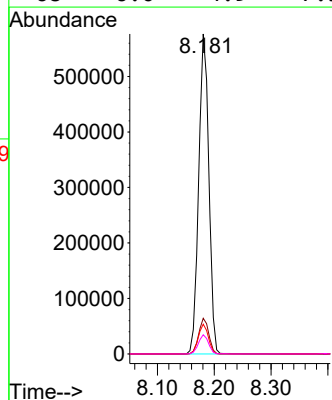
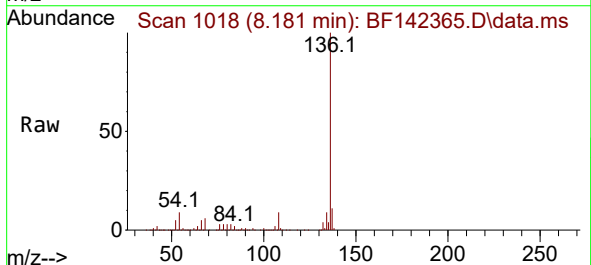
Instrument :
BNA_F
ClientSampleId :
TP-3

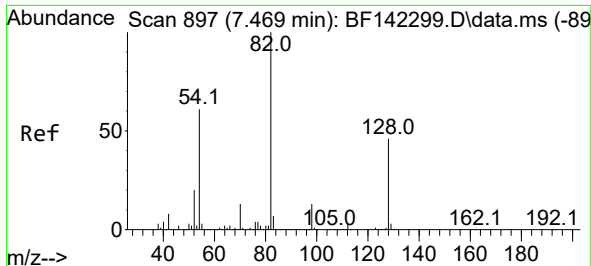
Tgt Ion: 99 Resp: 1309851
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.4
71 32.1 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142365.D
Acq: 14 May 2025 14:51

Tgt Ion: 136 Resp: 720141
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.3 7.7 11.5
68 6.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 65.234 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142365.D

Acq: 14 May 2025 14:51

Instrument :

BNA_F

ClientSampleId :

TP-3

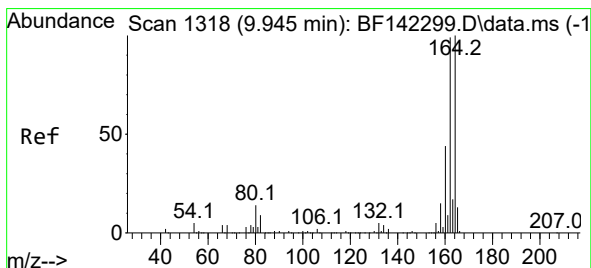
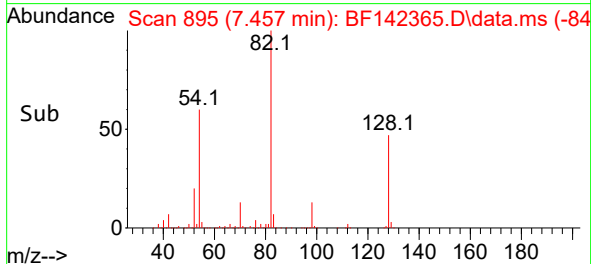
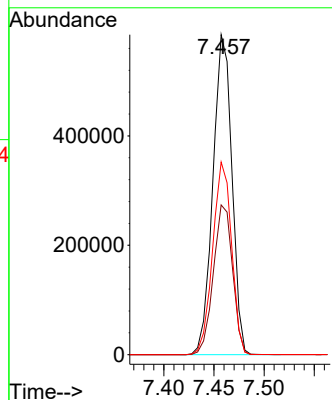
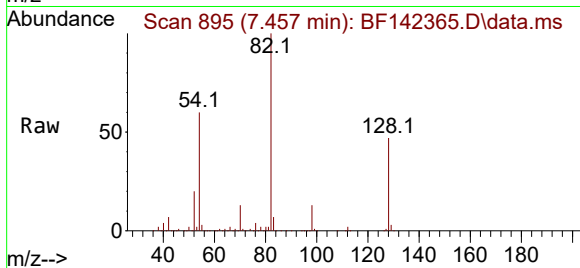
Tgt Ion: 82 Resp: 770287

Ion Ratio Lower Upper

82 100

128 46.8 37.0 55.6

54 60.2 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: BF142365.D

Acq: 14 May 2025 14:51

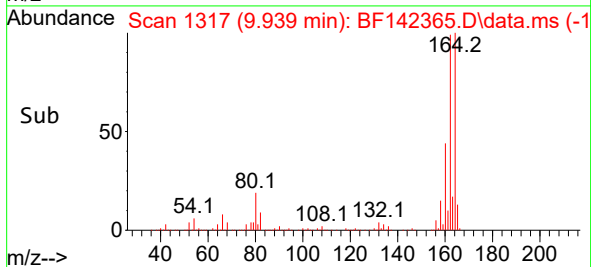
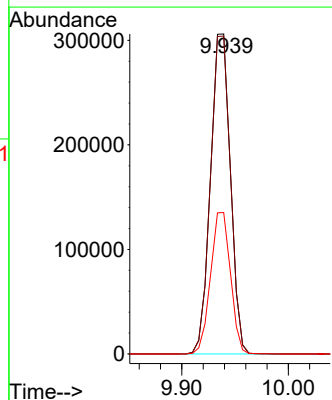
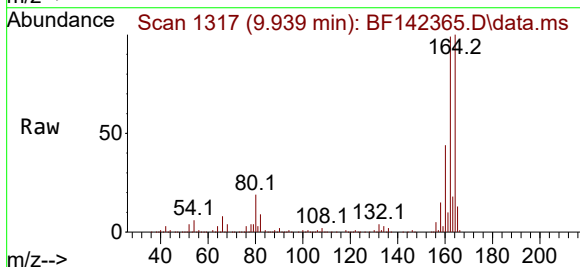
Tgt Ion:164 Resp: 397265

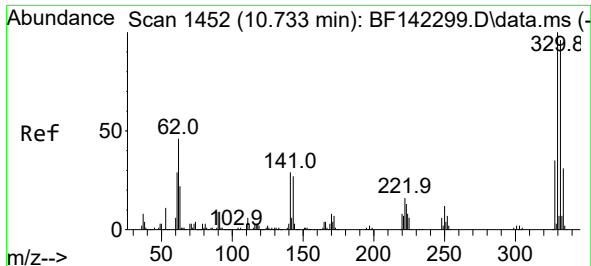
Ion Ratio Lower Upper

164 100

162 99.4 79.2 118.8

160 44.2 35.3 52.9

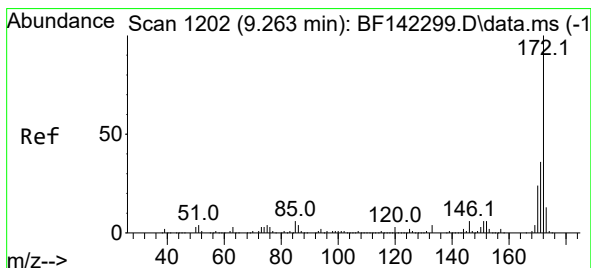
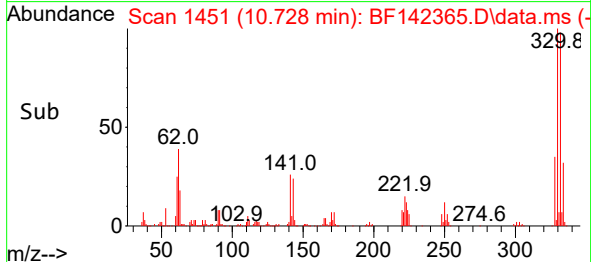
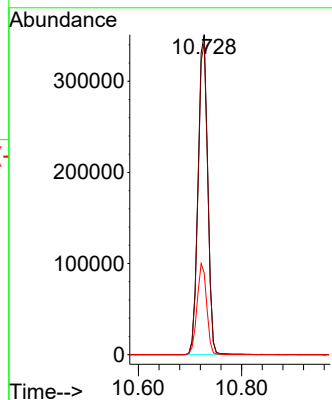
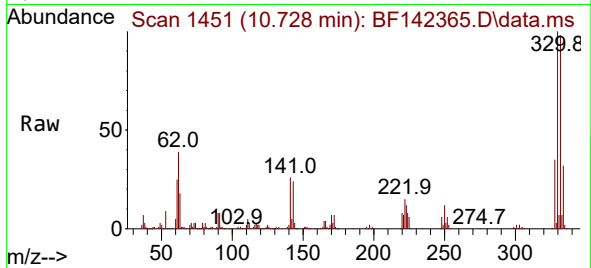




#42
2,4,6-Tribromophenol
Concen: 118.454 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142365.D
Acq: 14 May 2025 14:51

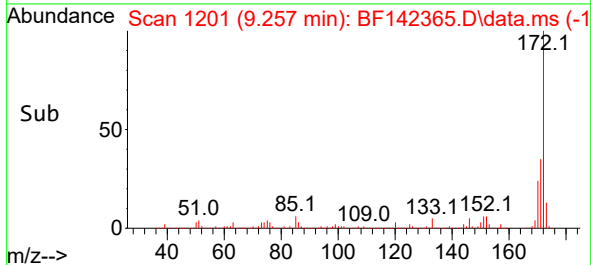
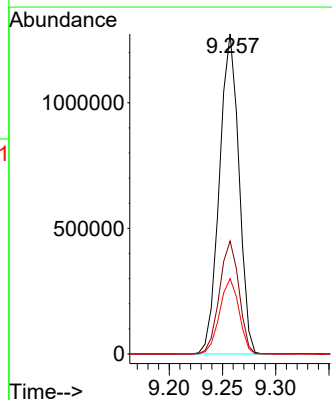
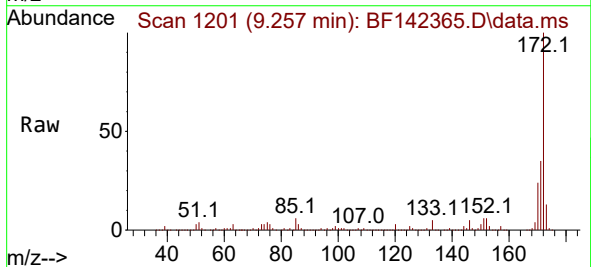
Instrument :
BNA_F
ClientSampleId :
TP-3

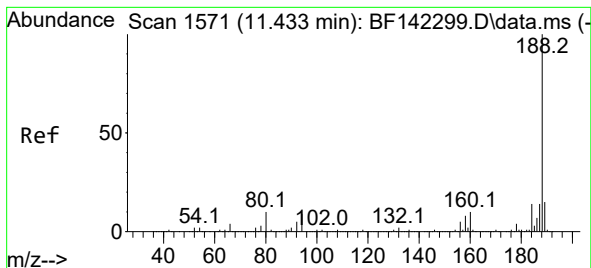
Tgt Ion:330 Resp: 454333
Ion Ratio Lower Upper
330 100
332 97.5 76.8 115.2
141 28.3 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 58.064 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142365.D
Acq: 14 May 2025 14:51

Tgt Ion:172 Resp: 1617731
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142365.D

Acq: 14 May 2025 14:51

Instrument :

BNA_F

ClientSampleId :

TP-3

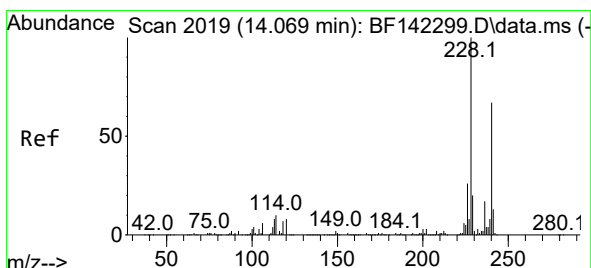
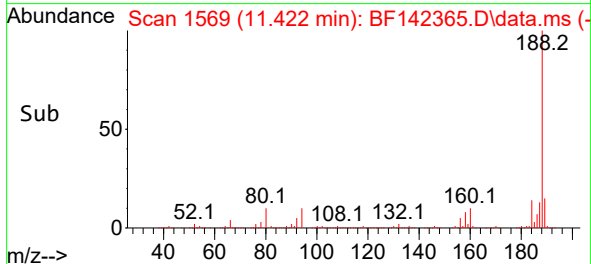
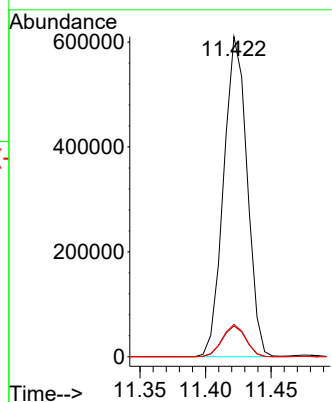
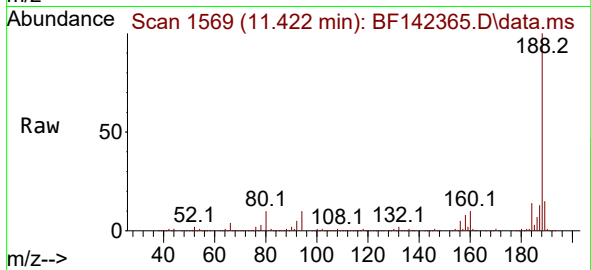
Tgt Ion:188 Resp: 760301

Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

80 10.1 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: BF142365.D

Acq: 14 May 2025 14:51

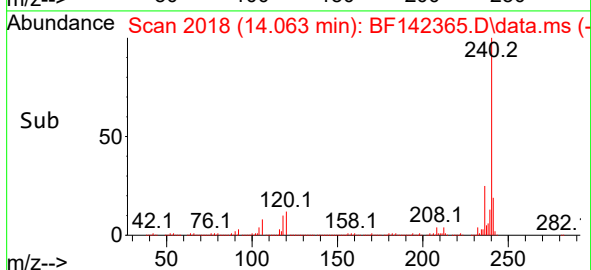
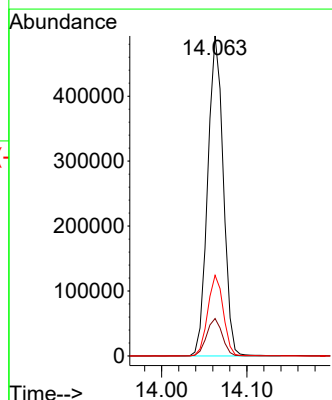
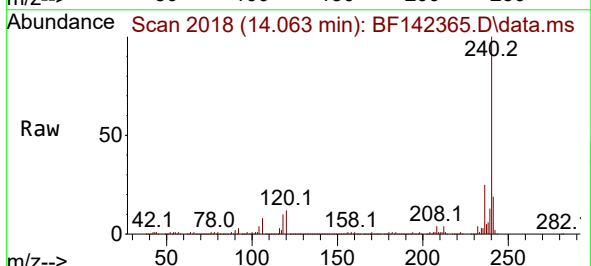
Tgt Ion:240 Resp: 624905

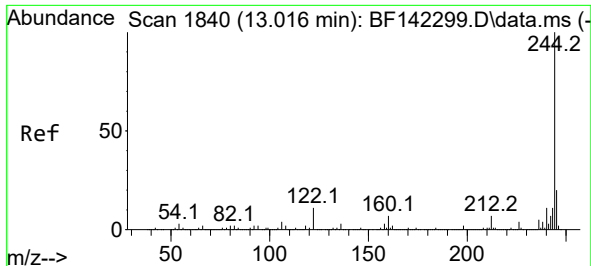
Ion Ratio Lower Upper

240 100

120 11.7 9.7 14.5

236 25.2 20.0 30.0

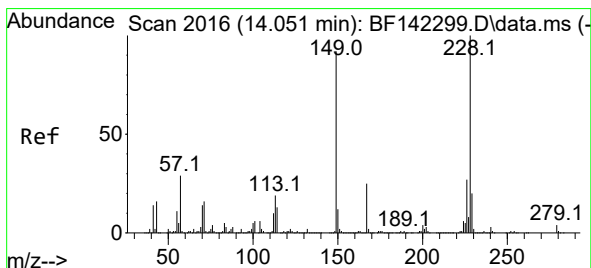
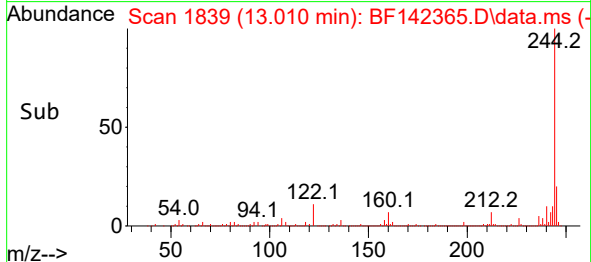
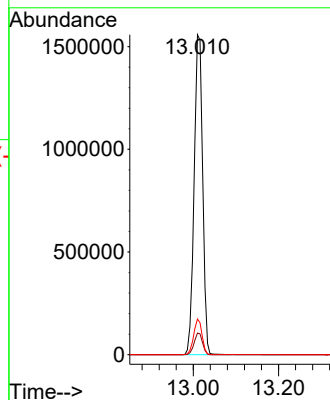
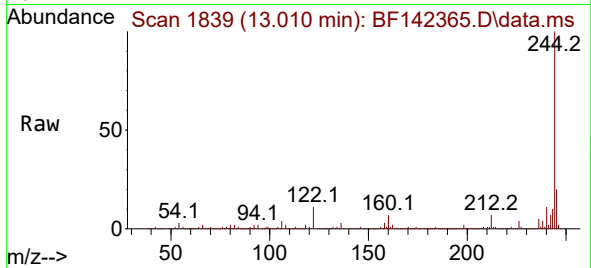




#79
 Terphenyl-d14
 Concen: 51.128 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142365.D
 Acq: 14 May 2025 14:51

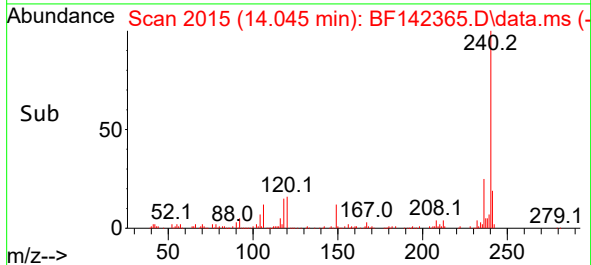
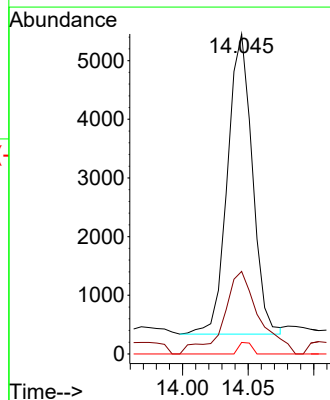
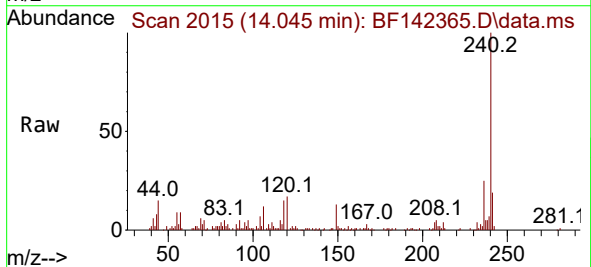
Instrument :
 BNA_F
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 TP-3

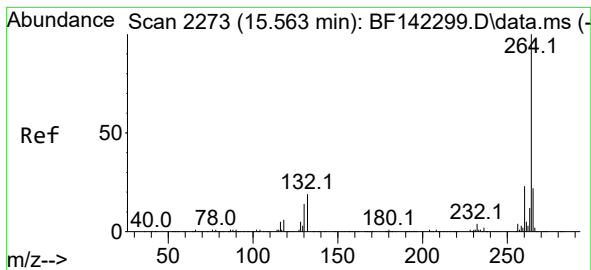
Tgt Ion:244 Resp: 2158643
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.2 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.527 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: BF142365.D
 Acq: 14 May 2025 14:51

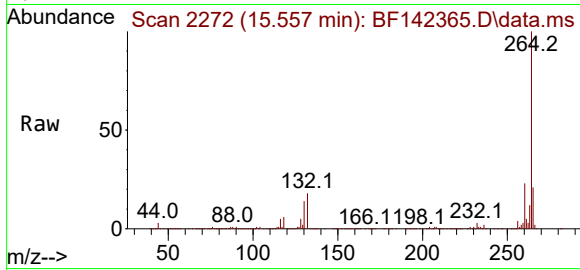
Tgt Ion:149 Resp: 6731
 Ion Ratio Lower Upper
 149 100
 167 25.8 22.0 33.0
 279 3.6 3.0 4.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142365.D
 Acq: 14 May 2025 14:51

Instrument :
 BNA_F
 ClientSampleId :
 TP-3



Tgt Ion:264 Resp: 499846
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 21.4 17.5 26.3

