

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
 Data File : BF142346.D
 Acq On : 13 May 2025 16:14
 Operator : RC/JU
 Sample : Q2007-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-10

Quant Time: May 13 17:05:40 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)

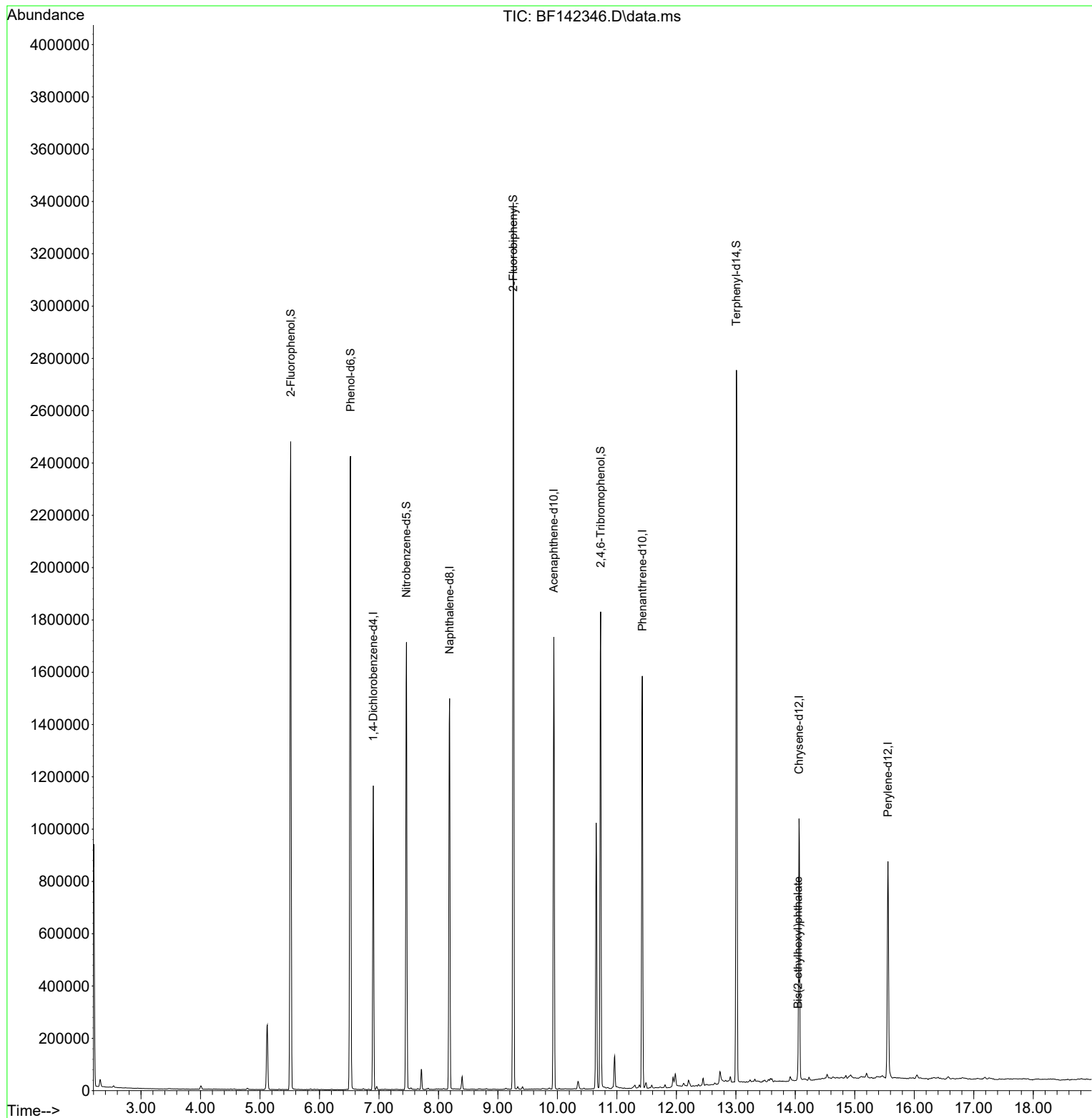
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	245424	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	942148	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	501592	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	806588	20.000	ng	0.00
76) Chrysene-d12	14.063	240	480564	20.000	ng	0.00
86) Perylene-d12	15.557	264	481518	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	953482	66.321	ng	0.00
7) Phenol-d6	6.522	99	1183811	66.948	ng	0.00
23) Nitrobenzene-d5	7.463	82	705390	45.661	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	317170	65.493	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1511940	42.980	ng	0.00
79) Terphenyl-d14	13.010	244	1317844	40.589	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.045	149	13443	4.991	ng	Qvalue 99

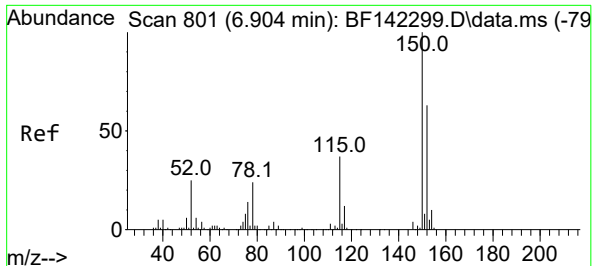
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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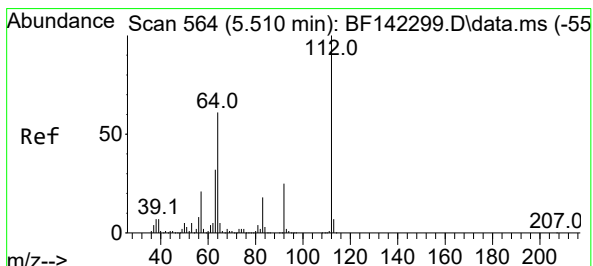
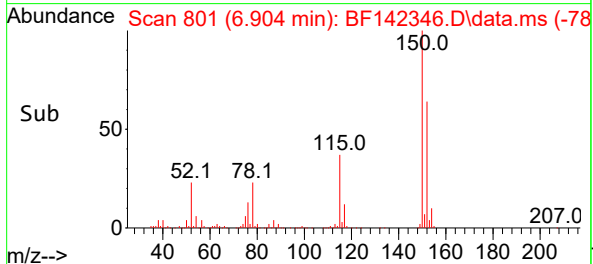
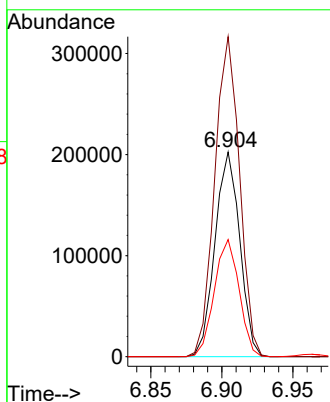
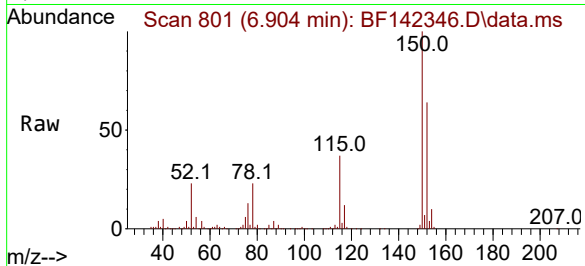




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142346.D
Acq: 13 May 2025 16:14

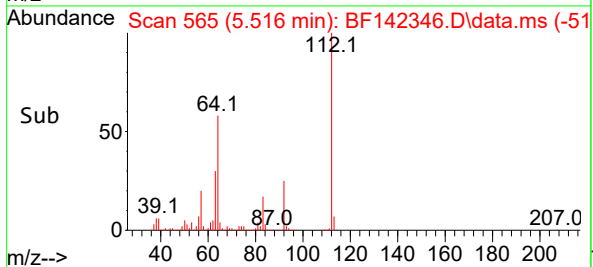
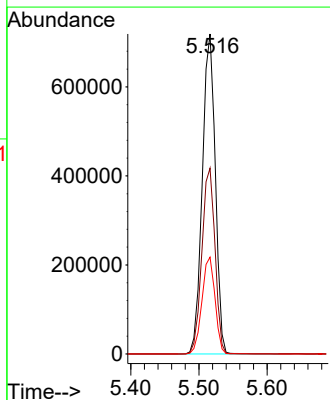
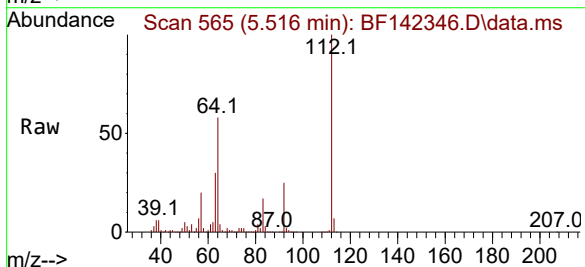
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-10

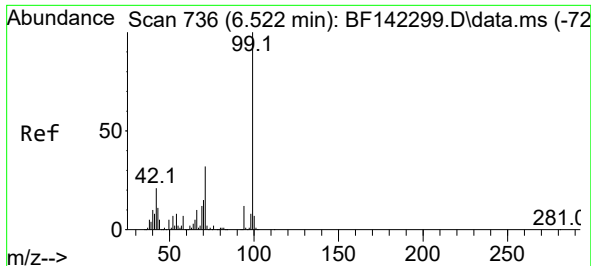
Tgt Ion:152 Resp: 245424
Ion Ratio Lower Upper
152 100
150 156.4 126.6 190.0
115 57.2 47.3 70.9



#5
2-Fluorophenol
Concen: 66.321 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142346.D
Acq: 13 May 2025 16:14

Tgt Ion:112 Resp: 953482
Ion Ratio Lower Upper
112 100
64 58.0 48.9 73.3
63 30.3 25.6 38.4

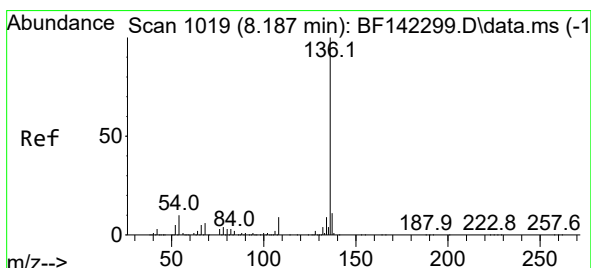
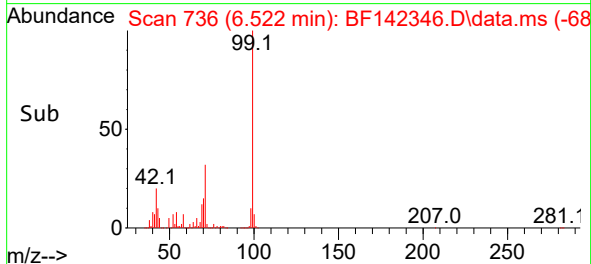
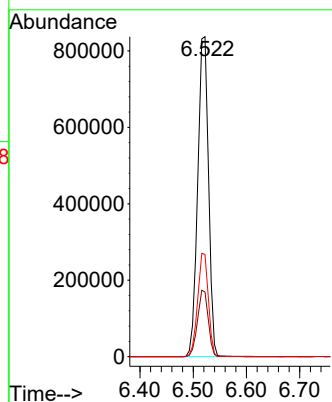
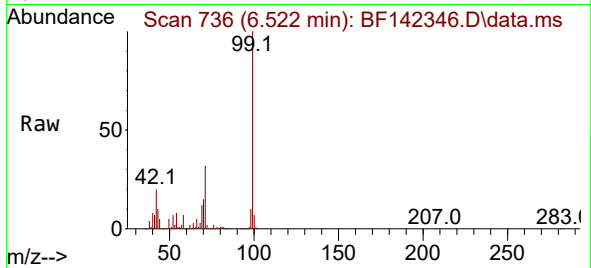




#7
Phenol-d6
Concen: 66.948 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142346.D
Acq: 13 May 2025 16:14

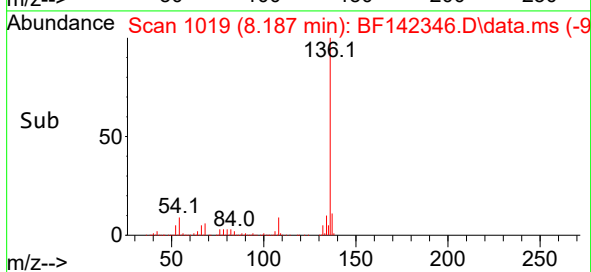
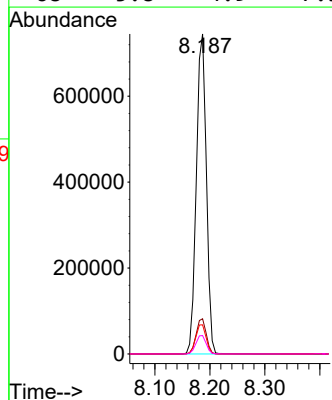
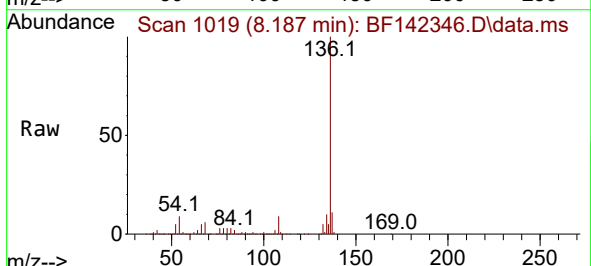
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-10

Tgt Ion: 99 Resp: 1183811
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.4
71 31.9 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142346.D
Acq: 13 May 2025 16:14

Tgt Ion:136 Resp: 942148
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.1 7.7 11.5
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 45.661 ng

RT: 7.463 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF142346.D

Acq: 13 May 2025 16:14

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-10

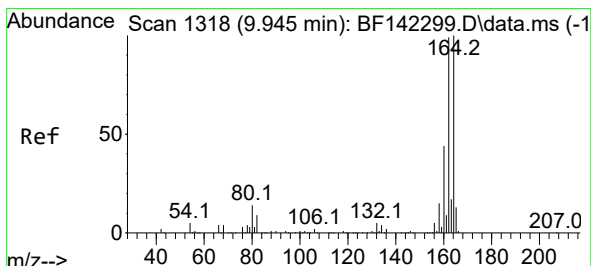
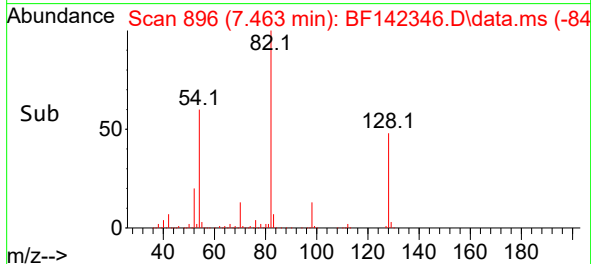
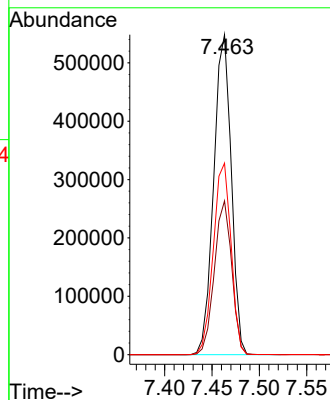
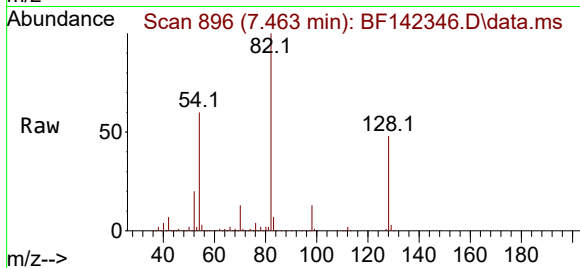
Tgt Ion: 82 Resp: 705390

Ion Ratio Lower Upper

82 100

128 48.1 37.0 55.6

54 59.9 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: BF142346.D

Acq: 13 May 2025 16:14

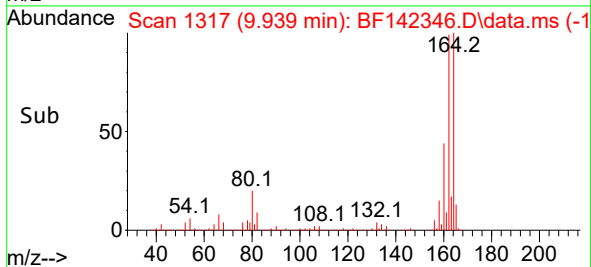
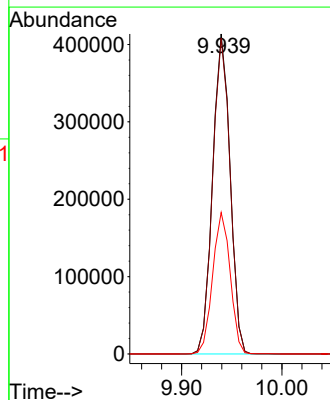
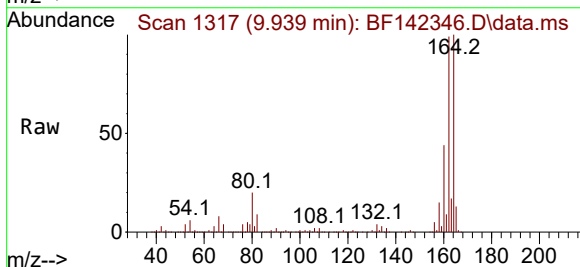
Tgt Ion:164 Resp: 501592

Ion Ratio Lower Upper

164 100

162 98.7 79.2 118.8

160 44.2 35.3 52.9

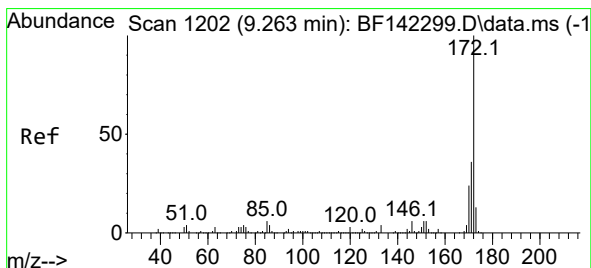
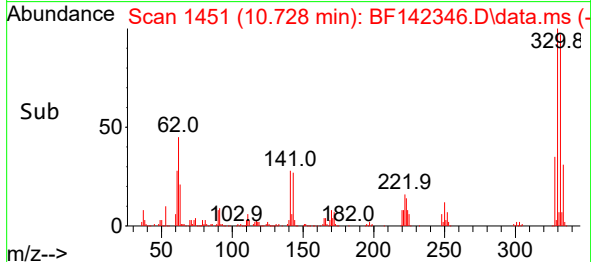
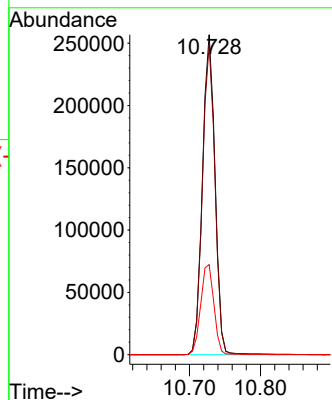
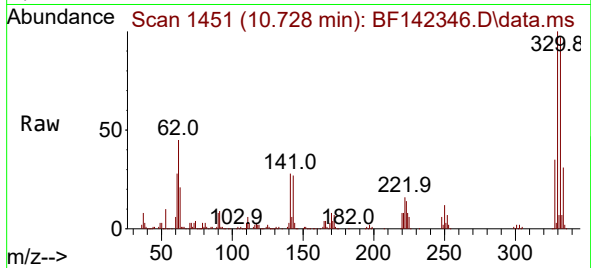




#42
 2,4,6-Tribromophenol
 Concen: 65.493 ng
 RT: 10.728 min Scan# 1451
 Delta R.T. -0.006 min
 Lab File: BF142346.D
 Acq: 13 May 2025 16:14

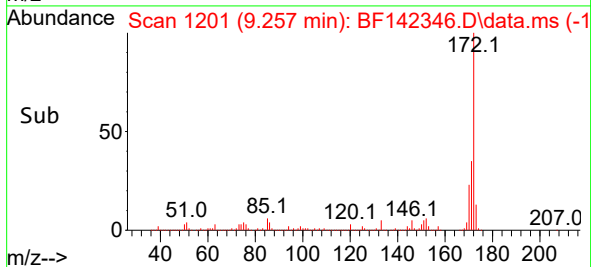
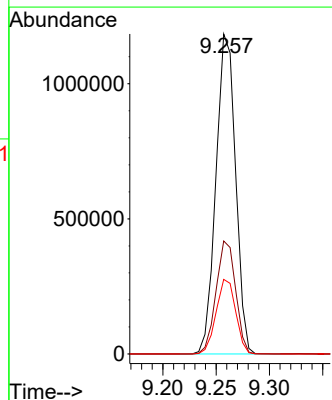
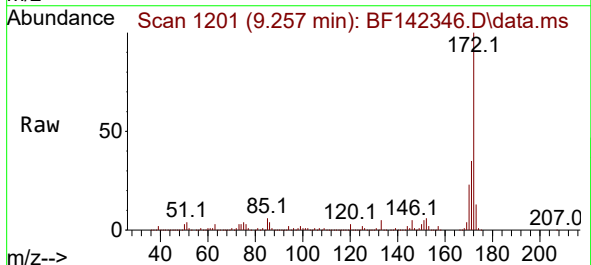
Instrument :
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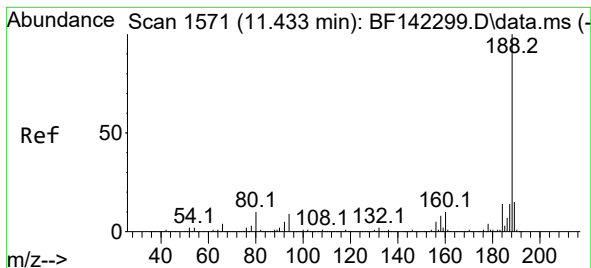
Tgt Ion:330 Resp: 317170
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.8 115.2
 141 29.8 24.9 37.3



#45
 2-Fluorobiphenyl
 Concen: 42.980 ng
 RT: 9.257 min Scan# 1201
 Delta R.T. -0.006 min
 Lab File: BF142346.D
 Acq: 13 May 2025 16:14

Tgt Ion:172 Resp: 1511940
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 23.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142346.D

Acq: 13 May 2025 16:14

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-10

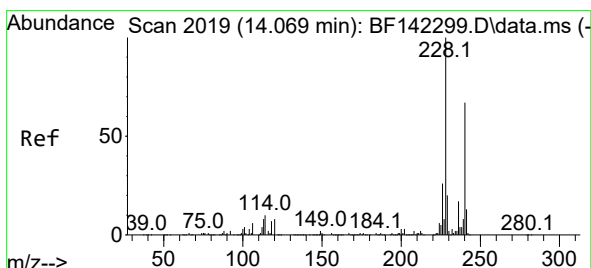
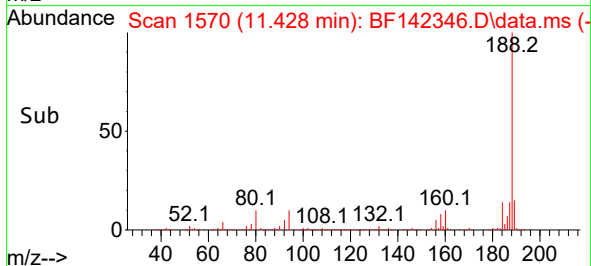
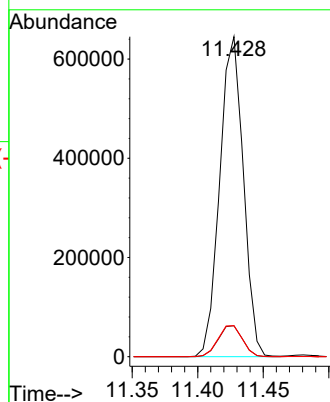
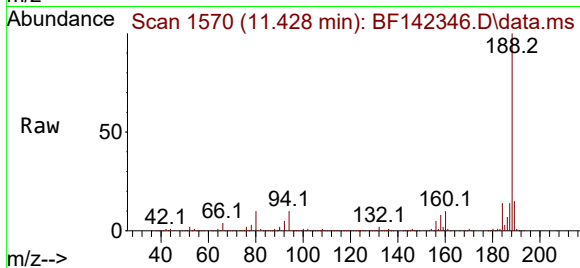
Tgt Ion:188 Resp: 806588

Ion Ratio Lower Upper

188 100

94 9.7 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: BF142346.D

Acq: 13 May 2025 16:14

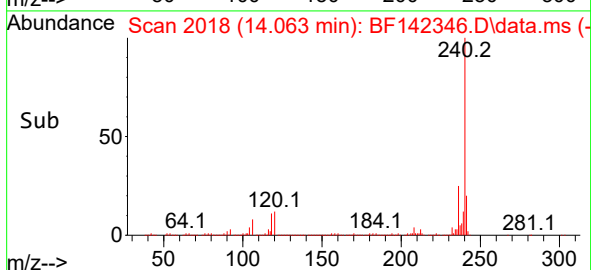
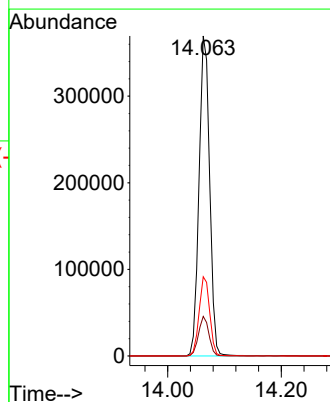
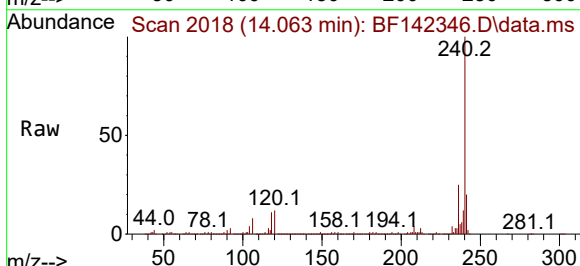
Tgt Ion:240 Resp: 480564

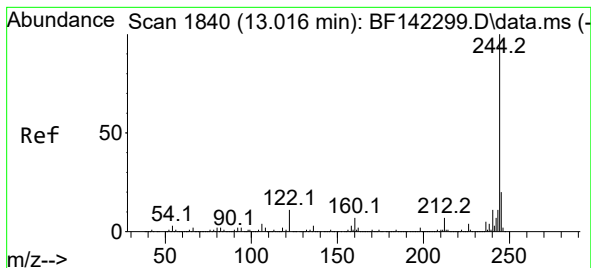
Ion Ratio Lower Upper

240 100

120 12.4 9.7 14.5

236 24.8 20.0 30.0





#79

Terphenyl-d14

Concen: 40.589 ng

RT: 13.010 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142346.D

Acq: 13 May 2025 16:14

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-10

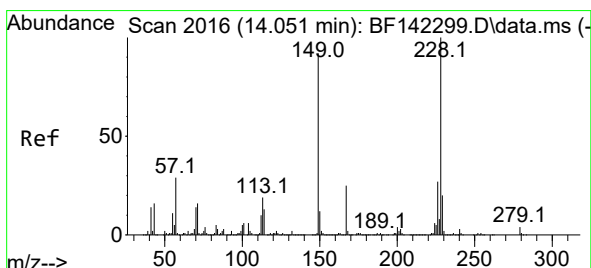
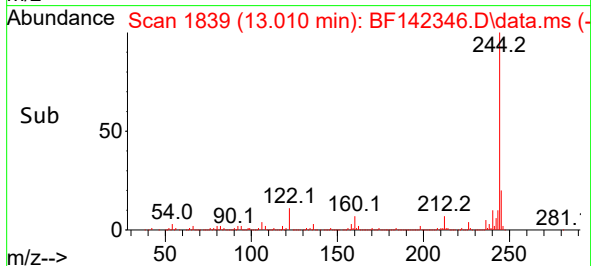
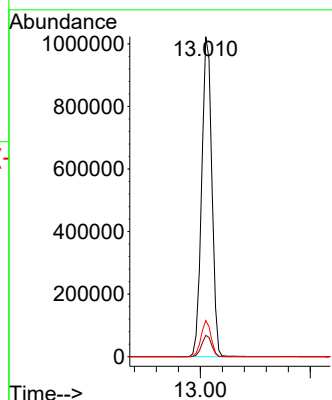
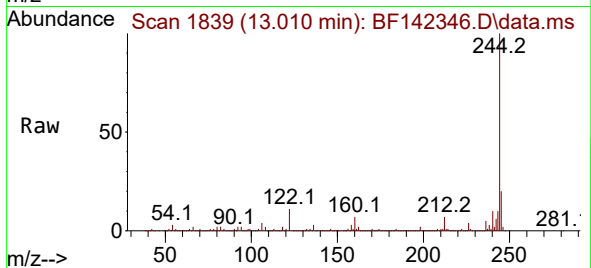
Tgt Ion:244 Resp: 1317844

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 11.3 9.0 13.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.991 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142346.D

Acq: 13 May 2025 16:14

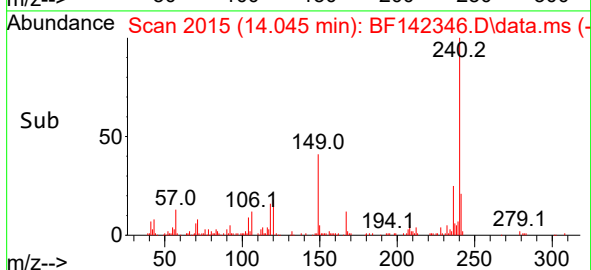
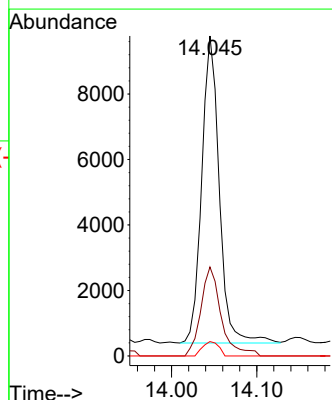
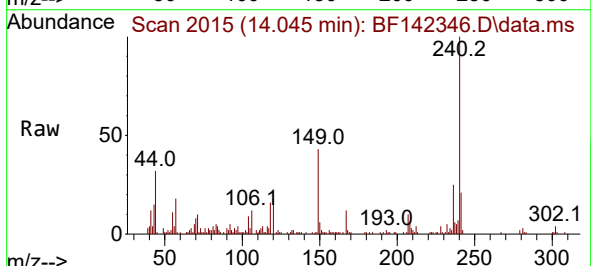
Tgt Ion:149 Resp: 13443

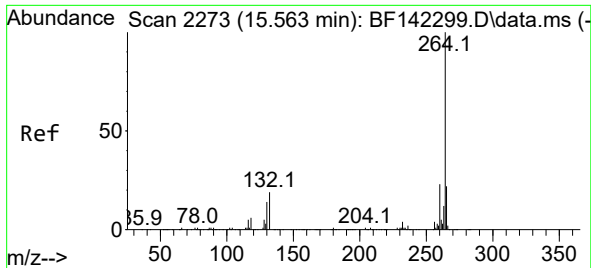
Ion Ratio Lower Upper

149 100

167 27.8 22.0 33.0

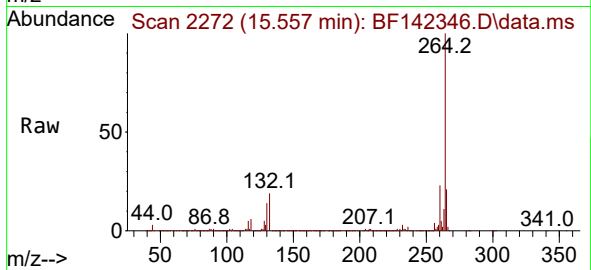
279 4.5 3.0 4.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142346.D
 Acq: 13 May 2025 16:14

Instrument :
 BNA_F
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Tgt Ion:264 Resp: 481518
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 21.3 17.5 26.3

