

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
 Data File : BF142354.D
 Acq On : 13 May 2025 20:04
 Operator : RC/JU
 Sample : Q2007-31
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-15

Quant Time: May 14 00:57:22 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)

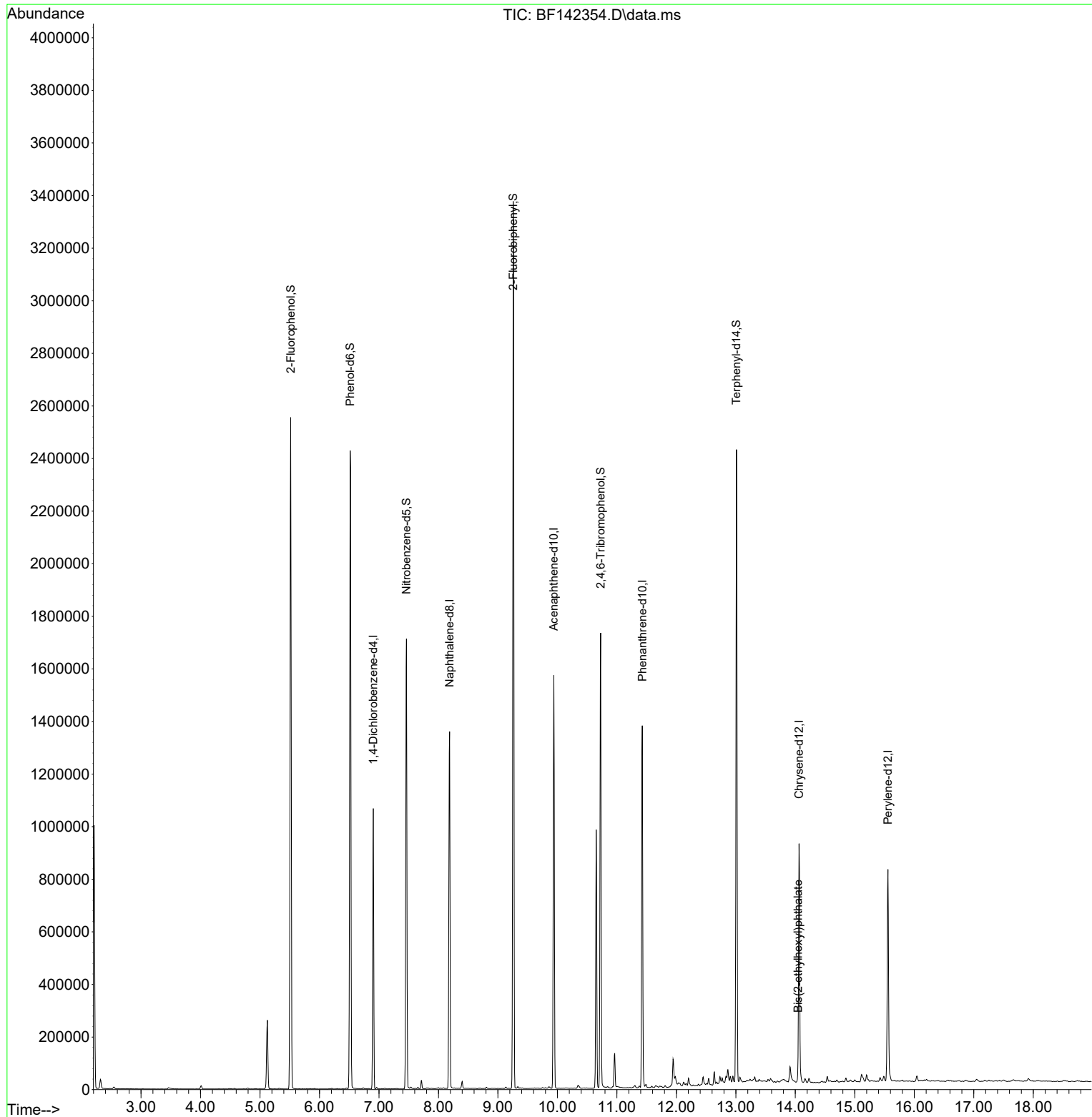
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	223475	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	868771	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	457138	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	707793	20.000	ng	0.00
76) Chrysene-d12	14.062	240	425323	20.000	ng	0.00
86) Perylene-d12	15.557	264	468945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	974799	74.463	ng	0.00
7) Phenol-d6	6.516	99	1191953	74.030	ng	0.00
23) Nitrobenzene-d5	7.463	82	716316	50.285	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	303655	68.800	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1537243	47.949	ng	0.00
79) Terphenyl-d14	13.010	244	1149914	40.017	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.045	149	8476	4.774	ng	Qvalue 98

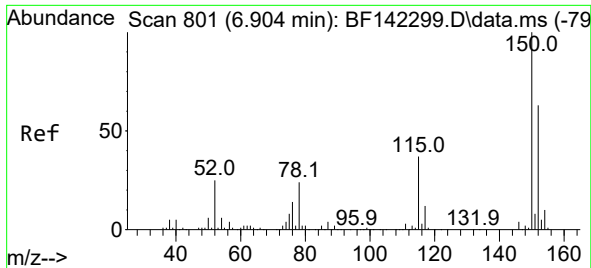
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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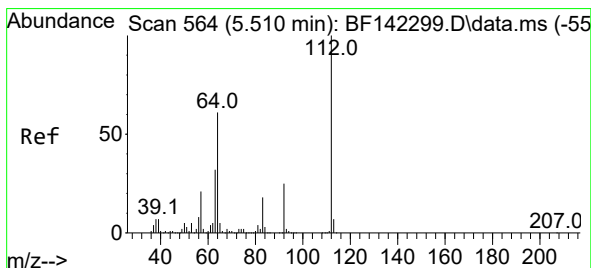
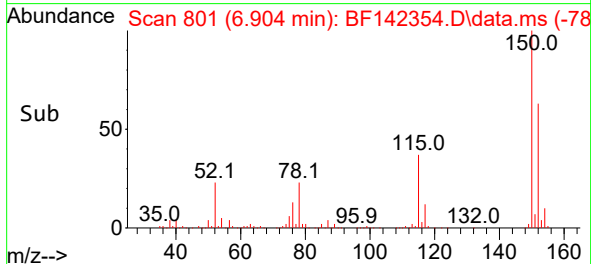
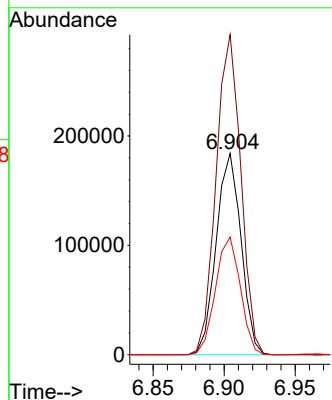
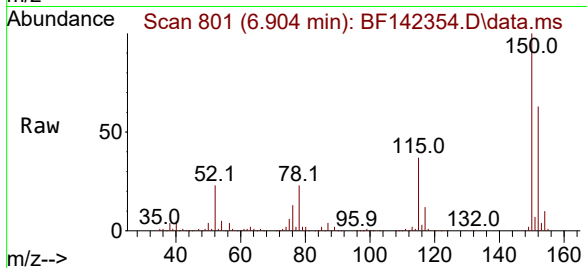




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142354.D
Acq: 13 May 2025 20:04

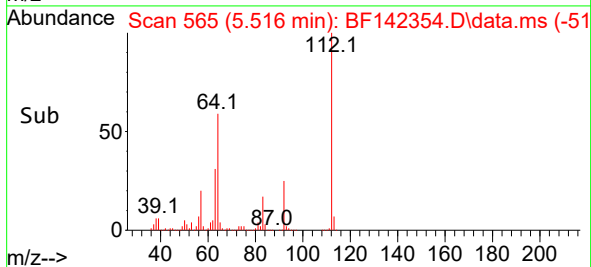
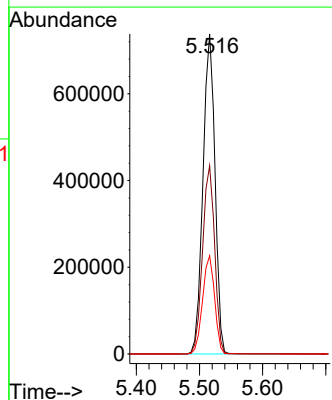
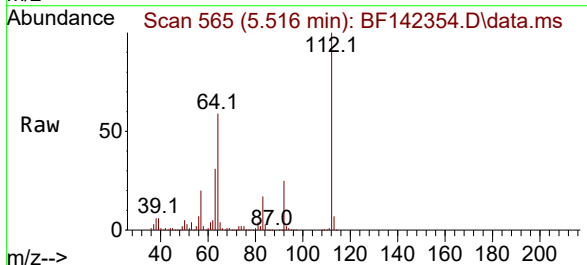
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-15

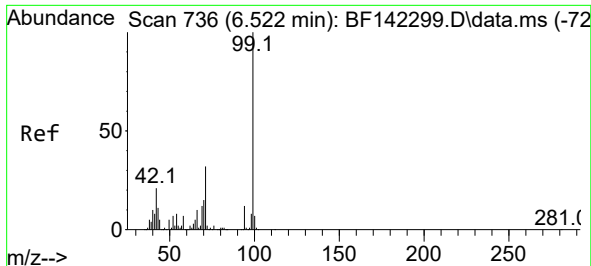
Tgt Ion:152 Resp: 223475
Ion Ratio Lower Upper
152 100
150 159.0 126.6 190.0
115 58.4 47.3 70.9



#5
2-Fluorophenol
Concen: 74.463 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142354.D
Acq: 13 May 2025 20:04

Tgt Ion:112 Resp: 974799
Ion Ratio Lower Upper
112 100
64 58.8 48.9 73.3
63 30.7 25.6 38.4

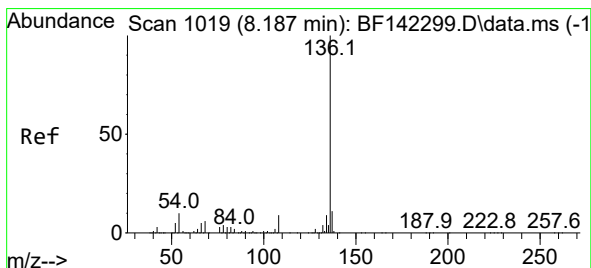
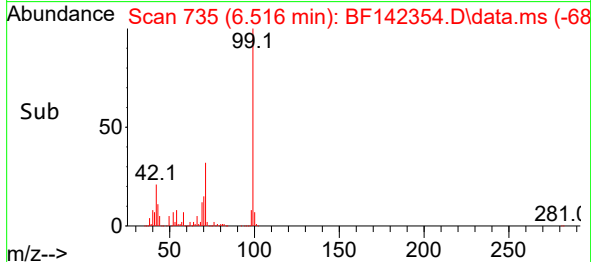
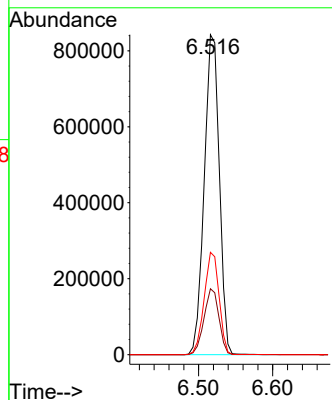
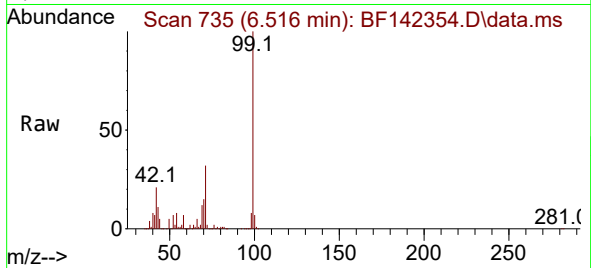




#7
Phenol-d6
Concen: 74.030 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142354.D
Acq: 13 May 2025 20:04

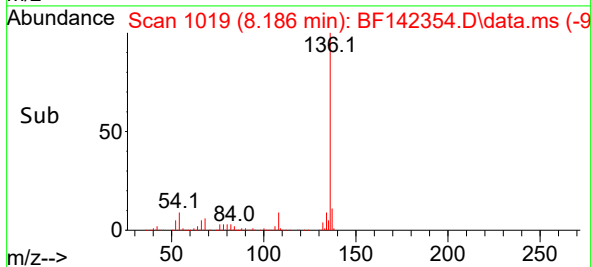
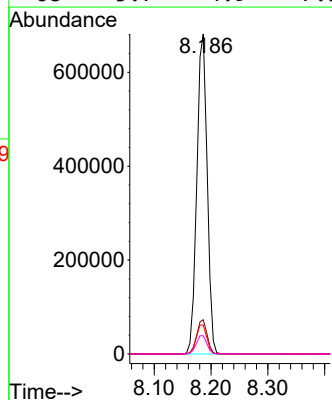
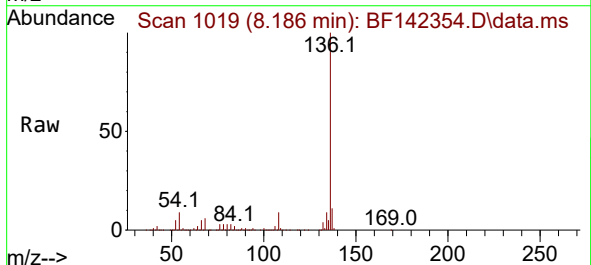
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-15

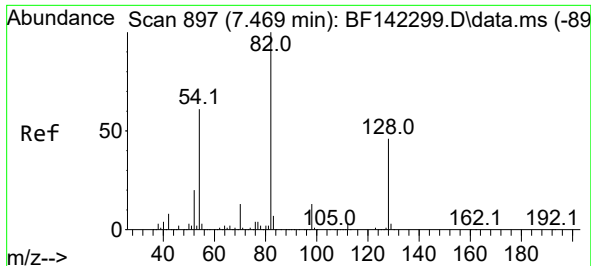
Tgt Ion: 99 Resp: 1191953
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.4
71 32.0 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142354.D
Acq: 13 May 2025 20:04

Tgt Ion: 136 Resp: 868771
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.1 7.7 11.5
68 5.7 4.9 7.3





#23

Nitrobenzene-d5

Concen: 50.285 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142354.D

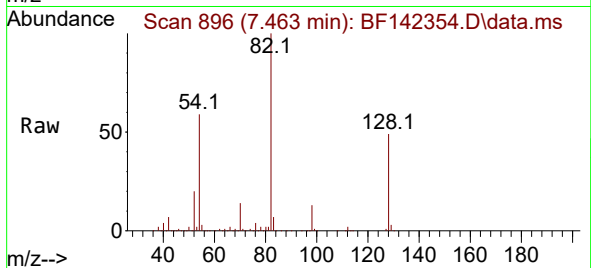
Acq: 13 May 2025 20:04

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-15



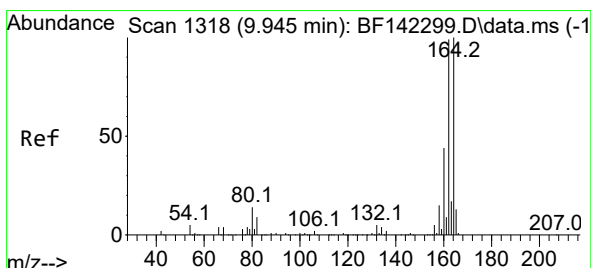
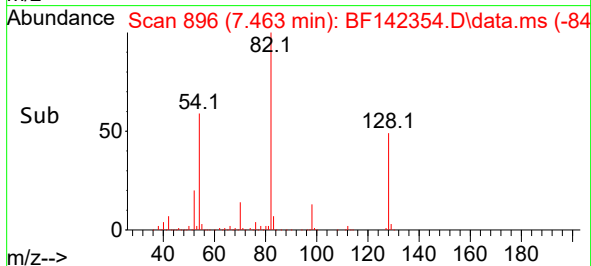
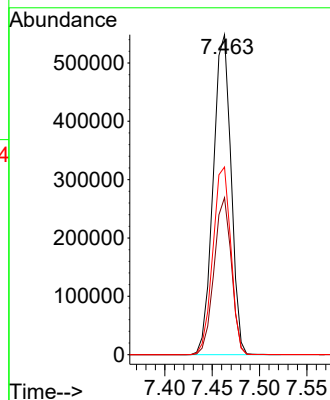
Tgt Ion: 82 Resp: 716316

Ion Ratio Lower Upper

82 100

128 49.1 37.0 55.6

54 58.7 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: BF142354.D

Acq: 13 May 2025 20:04

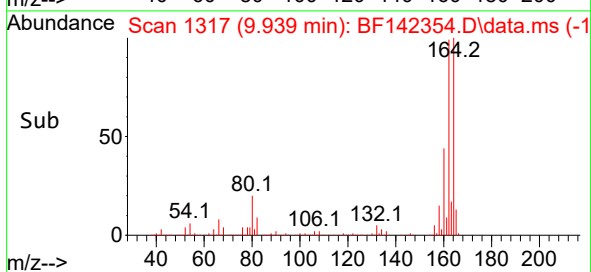
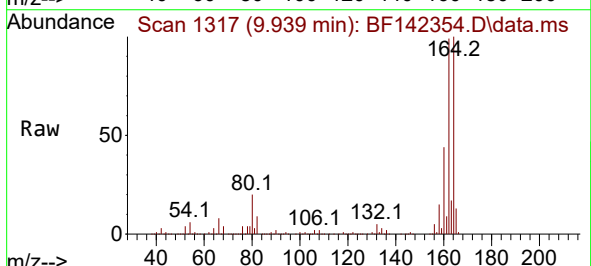
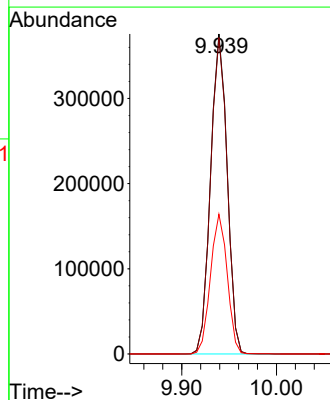
Tgt Ion:164 Resp: 457138

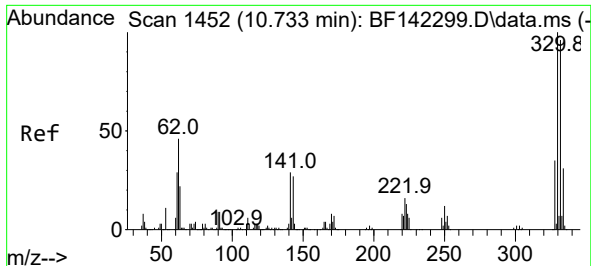
Ion Ratio Lower Upper

164 100

162 98.9 79.2 118.8

160 43.6 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 68.800 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142354.D

Acq: 13 May 2025 20:04

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-15

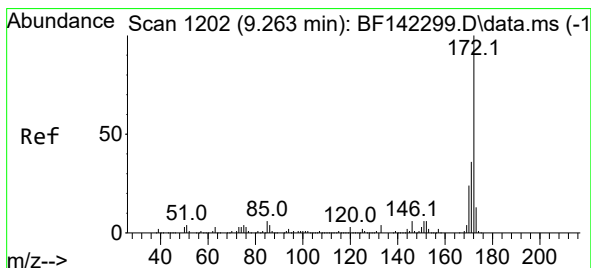
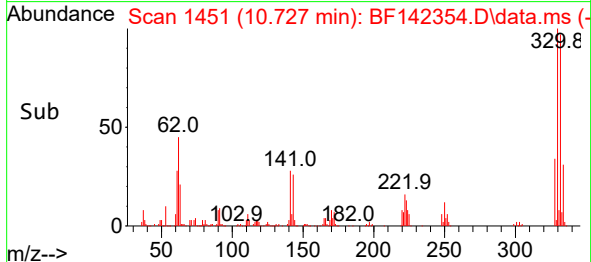
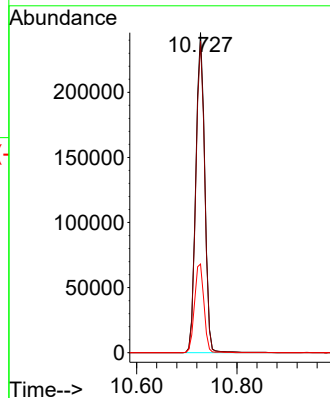
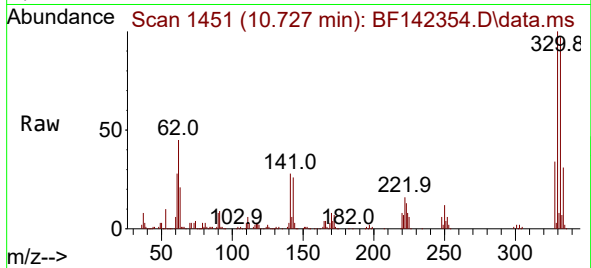
Tgt Ion:330 Resp: 303655

Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

141 29.2 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 47.949 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142354.D

Acq: 13 May 2025 20:04

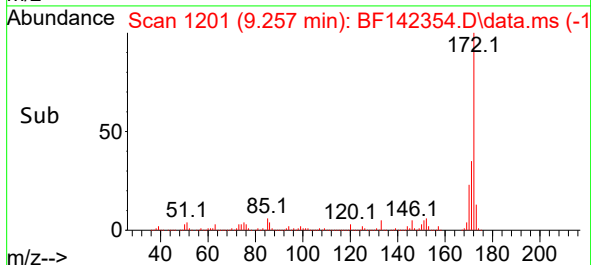
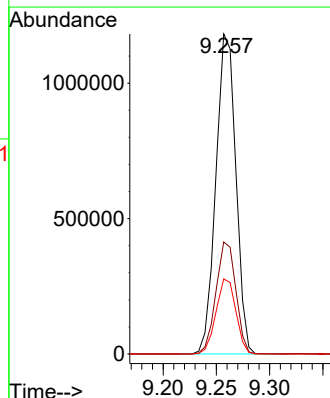
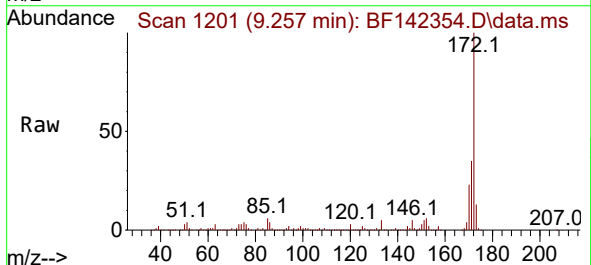
Tgt Ion:172 Resp: 1537243

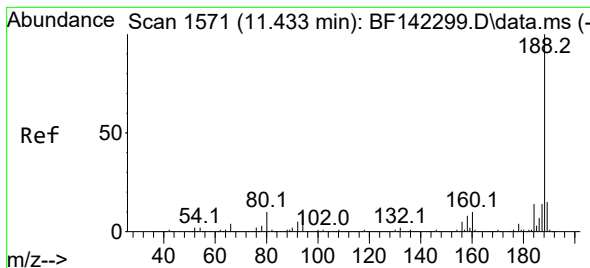
Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142354.D

Acq: 13 May 2025 20:04

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-15

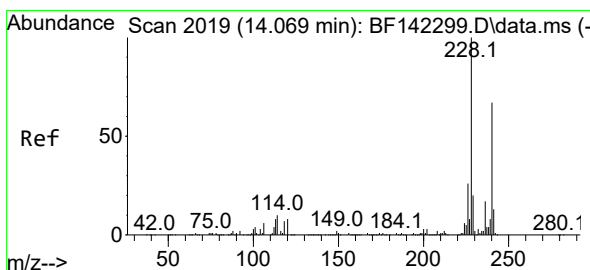
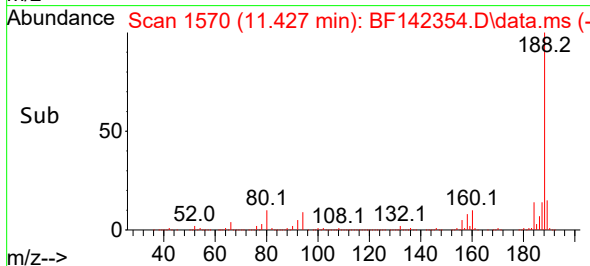
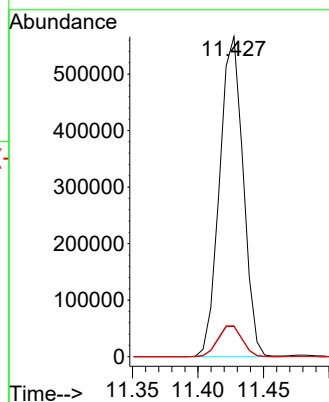
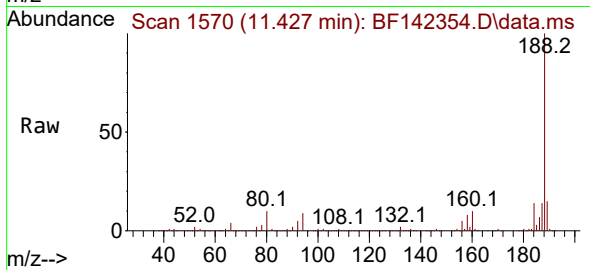
Tgt Ion:188 Resp: 707793

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 9.6 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF142354.D

Acq: 13 May 2025 20:04

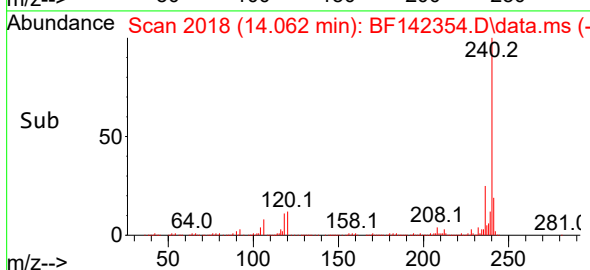
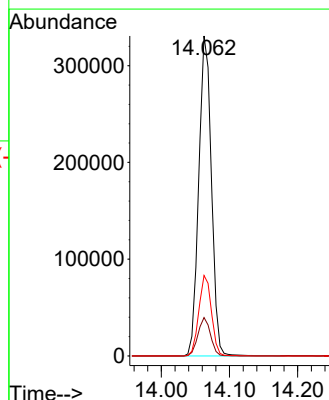
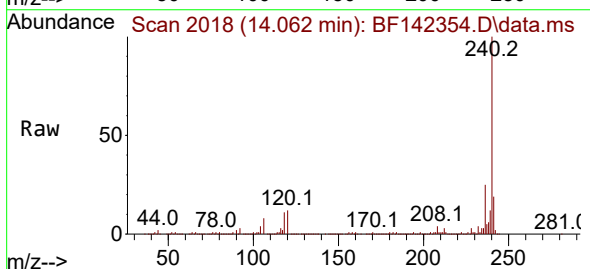
Tgt Ion:240 Resp: 425323

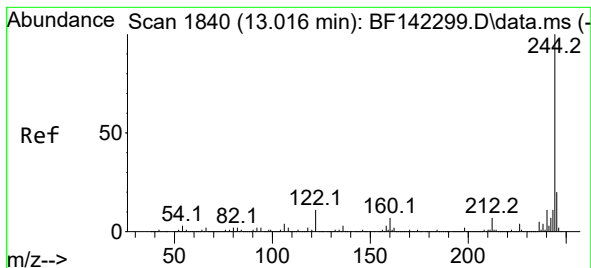
Ion Ratio Lower Upper

240 100

120 12.0 9.7 14.5

236 25.2 20.0 30.0





#79

Terphenyl-d14

Concen: 40.017 ng

RT: 13.010 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142354.D

Acq: 13 May 2025 20:04

Instrument :

BNA_F

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OR-636-COMP-15

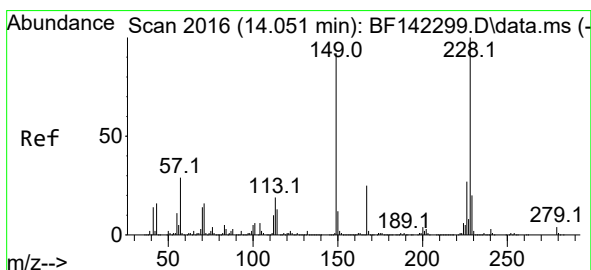
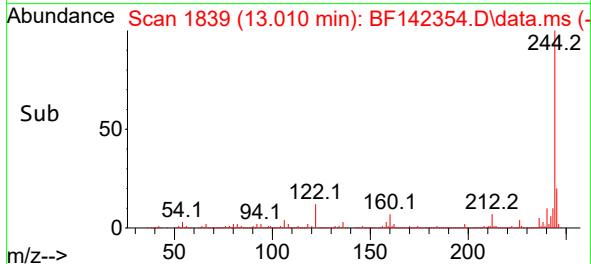
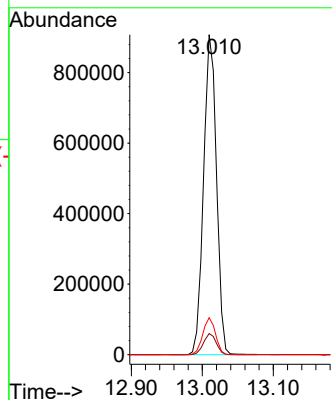
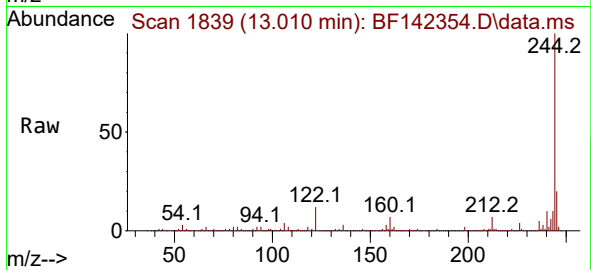
Tgt Ion:244 Resp: 1149914

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 11.5 9.0 13.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.774 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142354.D

Acq: 13 May 2025 20:04

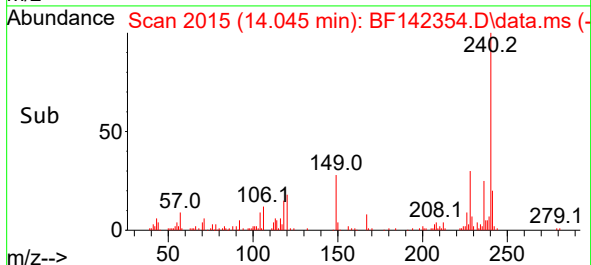
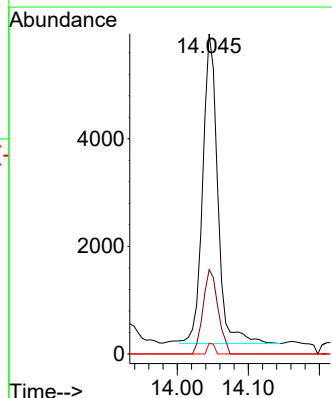
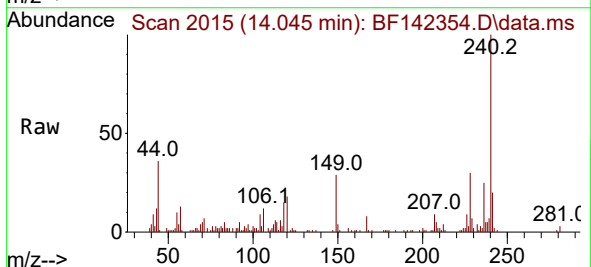
Tgt Ion:149 Resp: 8476

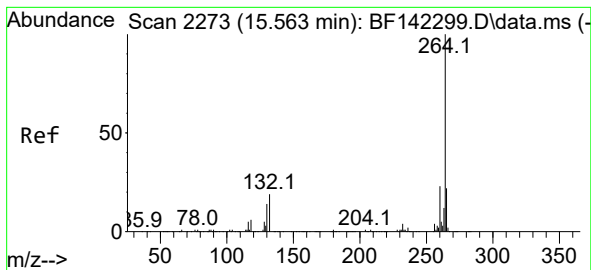
Ion Ratio Lower Upper

149 100

167 26.4 22.0 33.0

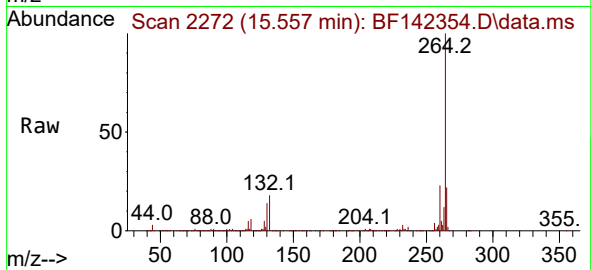
279 3.4 3.0 4.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142354.D
 Acq: 13 May 2025 20:04

Instrument :
 BNA_F
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Tgt Ion:264 Resp: 468945
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 27.8
 265 21.6 17.5 26.3

