

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
 Data File : BF142347.D
 Acq On : 13 May 2025 16:43
 Operator : RC/JU
 Sample : Q2007-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-11

Quant Time: May 13 17:31:30 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)

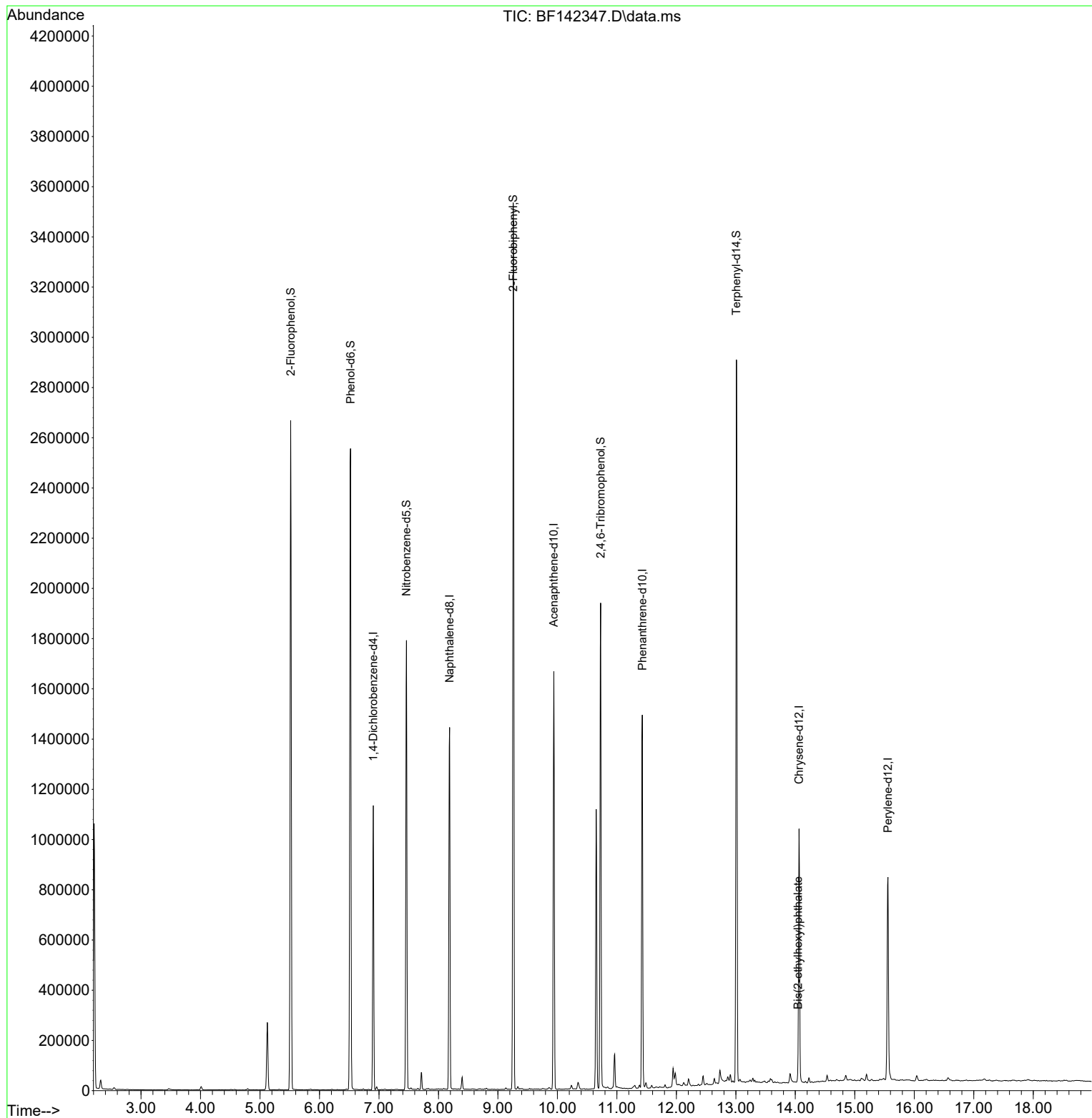
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	238007	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	920344	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	483686	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	764787	20.000	ng	0.00
76) Chrysene-d12	14.063	240	473119	20.000	ng	0.00
86) Perylene-d12	15.557	264	478406	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1023344	73.398	ng	0.00
7) Phenol-d6	6.522	99	1245225	72.616	ng	0.00
23) Nitrobenzene-d5	7.463	82	742283	49.188	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	343618	73.581	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1595663	47.039	ng	0.00
79) Terphenyl-d14	13.010	244	1388591	43.441	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.045	149	11577	4.896	ng	Qvalue 96

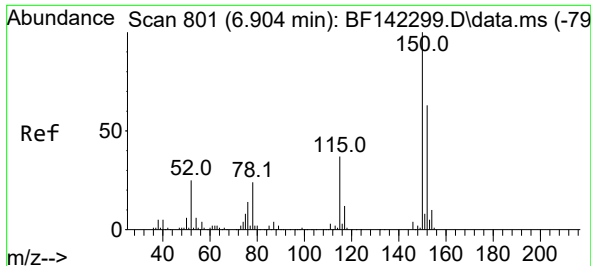
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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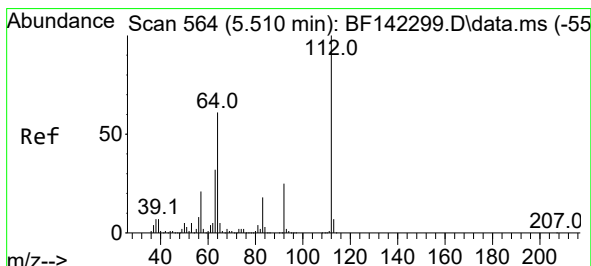
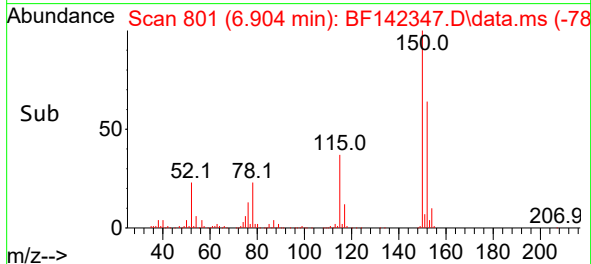
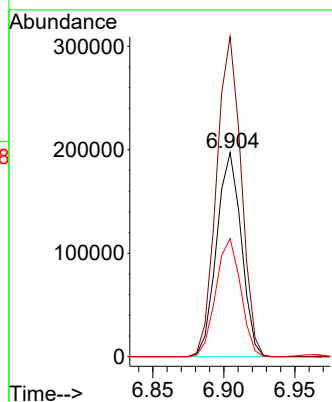
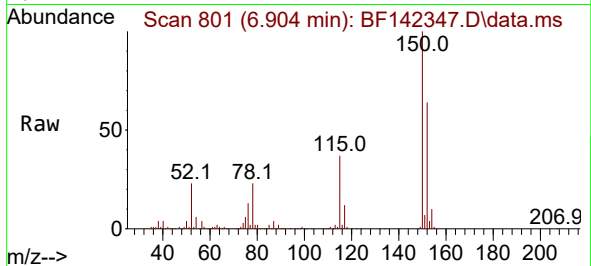




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142347.D
 Acq: 13 May 2025 16:43

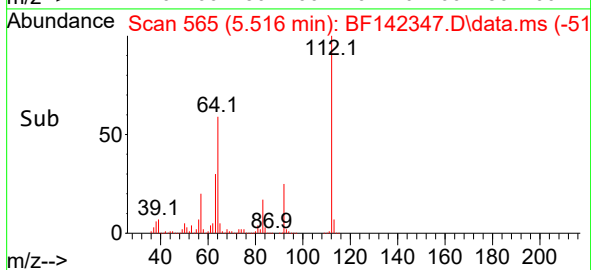
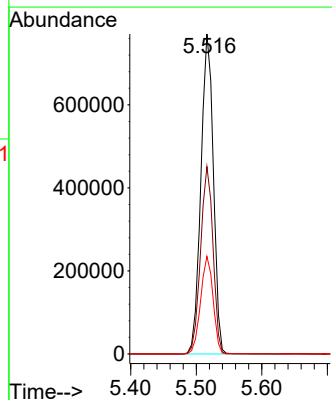
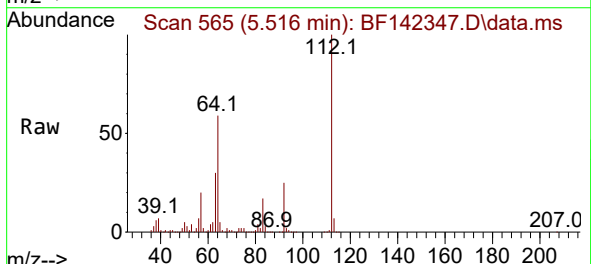
Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-11

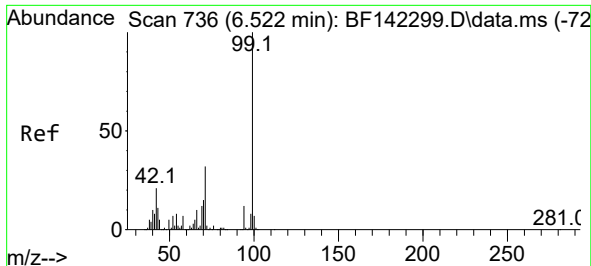
Tgt Ion:152 Resp: 238007
 Ion Ratio Lower Upper
 152 100
 150 156.8 126.6 190.0
 115 57.8 47.3 70.9



#5
 2-Fluorophenol
 Concen: 73.398 ng
 RT: 5.516 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF142347.D
 Acq: 13 May 2025 16:43

Tgt Ion:112 Resp: 1023344
 Ion Ratio Lower Upper
 112 100
 64 58.6 48.9 73.3
 63 30.5 25.6 38.4

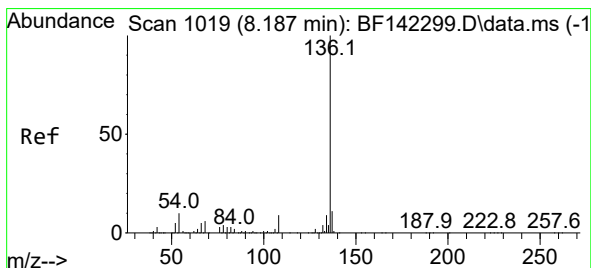
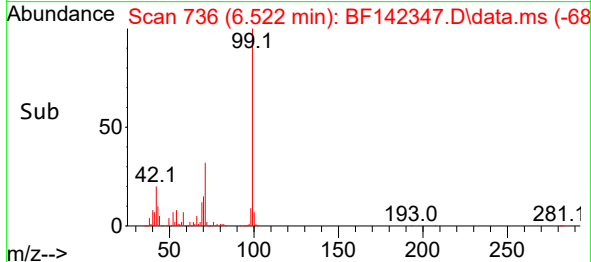
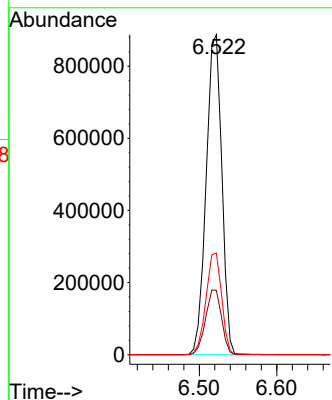
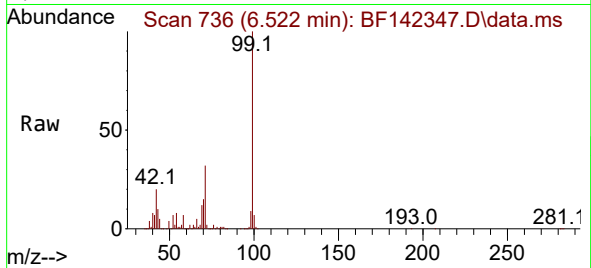




#7
Phenol-d6
Concen: 72.616 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142347.D
Acq: 13 May 2025 16:43

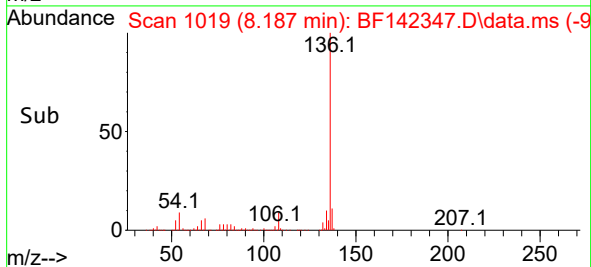
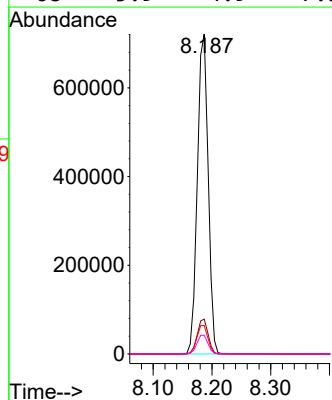
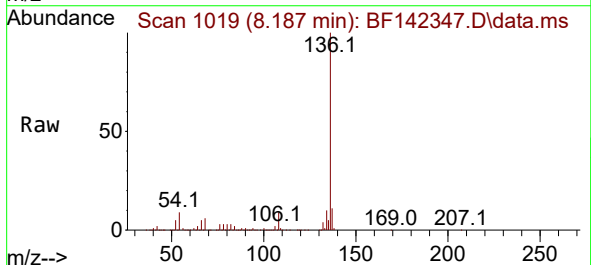
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-11

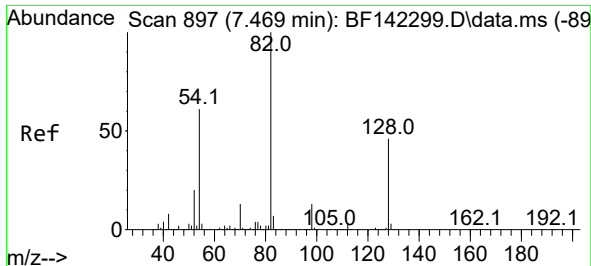
Tgt Ion: 99 Resp: 1245225
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.4
71 31.7 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142347.D
Acq: 13 May 2025 16:43

Tgt Ion: 136 Resp: 920344
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.9 7.7 11.5
68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 49.188 ng

RT: 7.463 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF142347.D

Acq: 13 May 2025 16:43

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-11

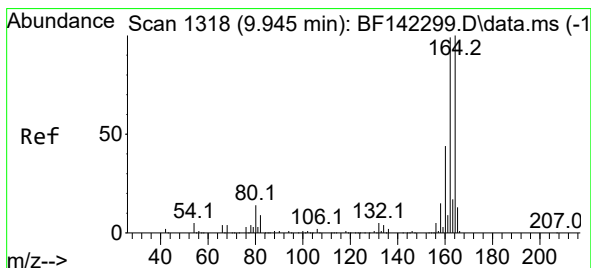
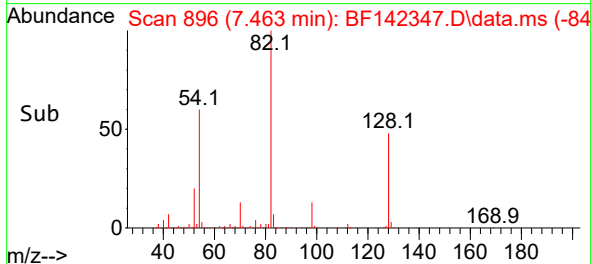
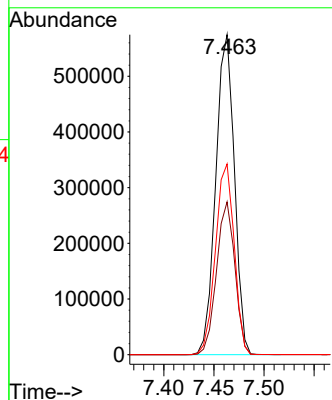
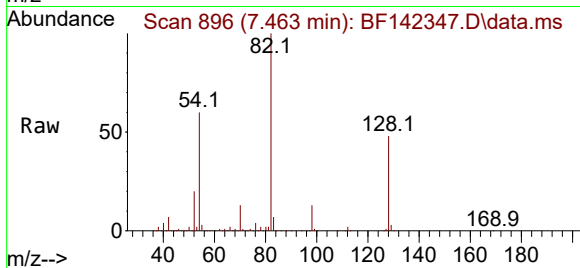
Tgt Ion: 82 Resp: 742283

Ion Ratio Lower Upper

82 100

128 47.8 37.0 55.6

54 59.6 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: BF142347.D

Acq: 13 May 2025 16:43

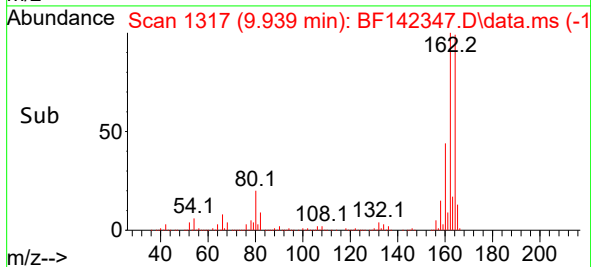
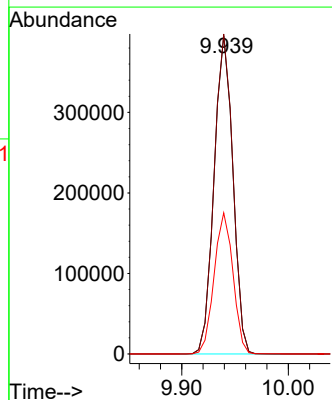
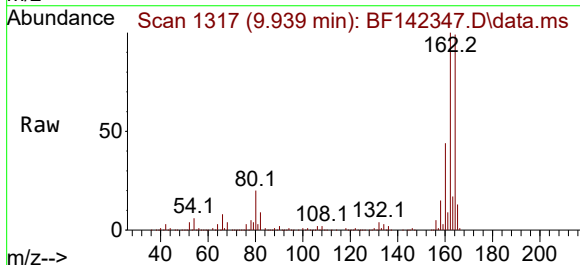
Tgt Ion:164 Resp: 483686

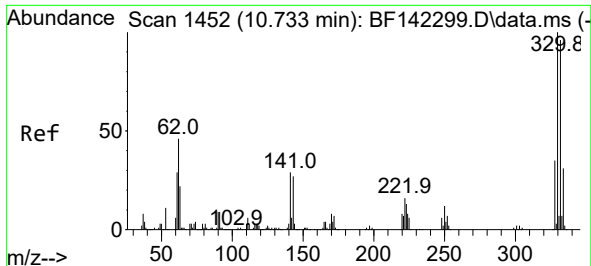
Ion Ratio Lower Upper

164 100

162 100.5 79.2 118.8

160 44.4 35.3 52.9

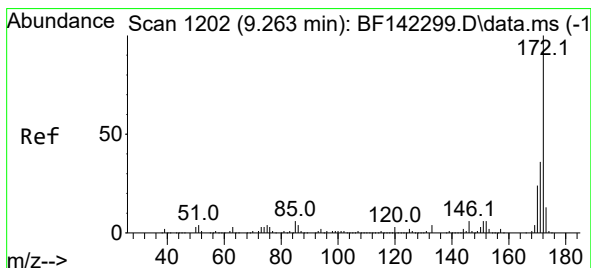
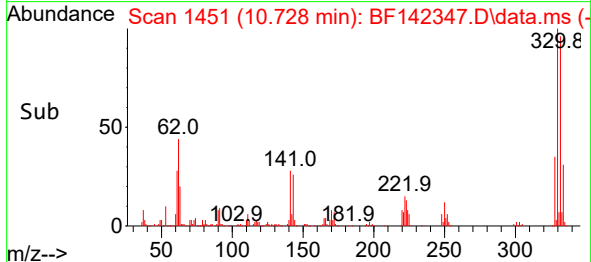
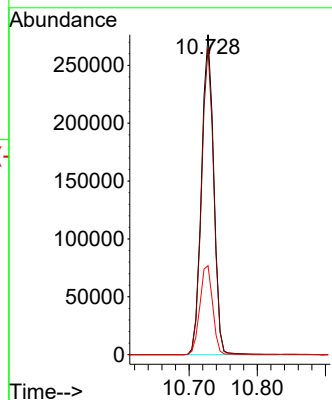
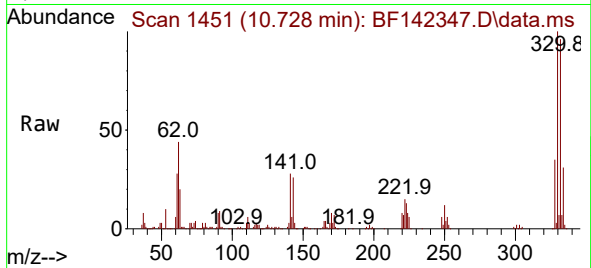




#42
2,4,6-Tribromophenol
Concen: 73.581 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142347.D
Acq: 13 May 2025 16:43

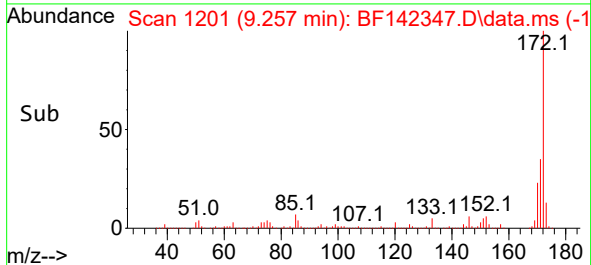
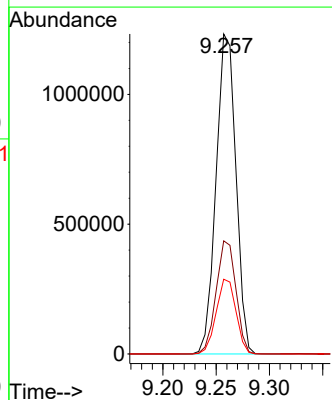
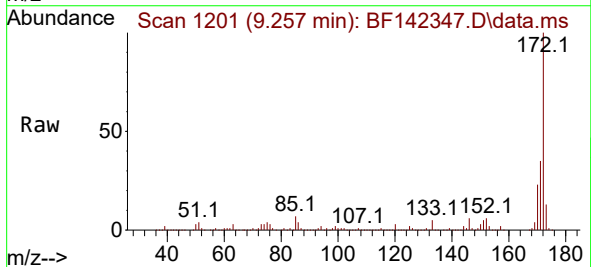
Instrument :
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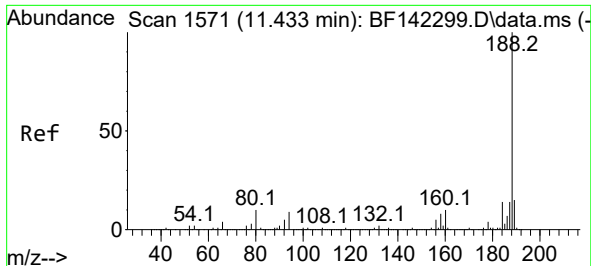
Tgt Ion: 330 Resp: 343618
Ion Ratio Lower Upper
330 100
332 95.7 76.8 115.2
141 29.2 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 47.039 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142347.D
Acq: 13 May 2025 16:43

Tgt Ion: 172 Resp: 1595663
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.3 19.0 28.4

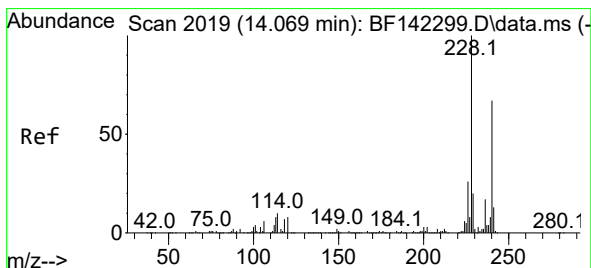
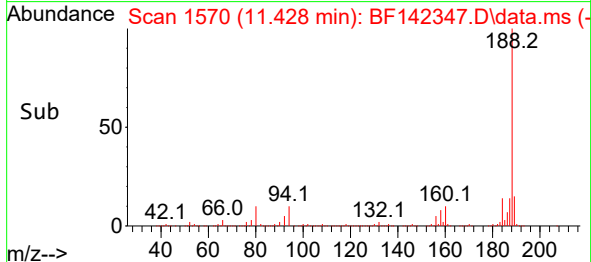
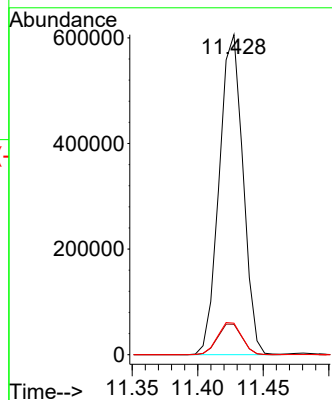
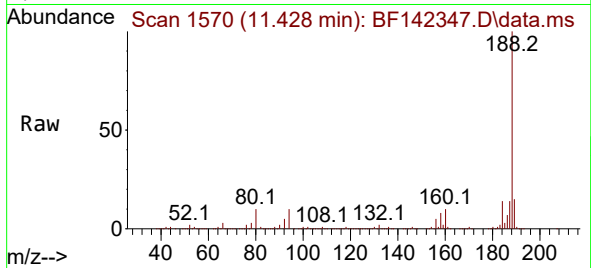




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142347.D
Acq: 13 May 2025 16:43

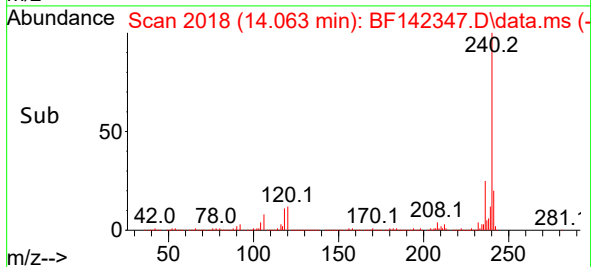
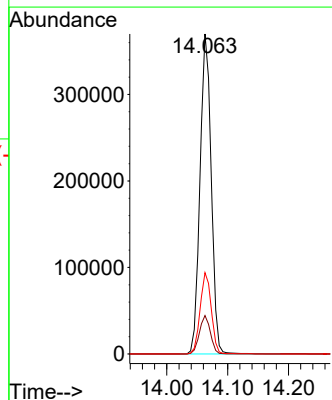
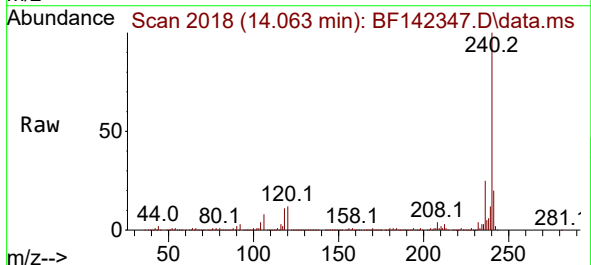
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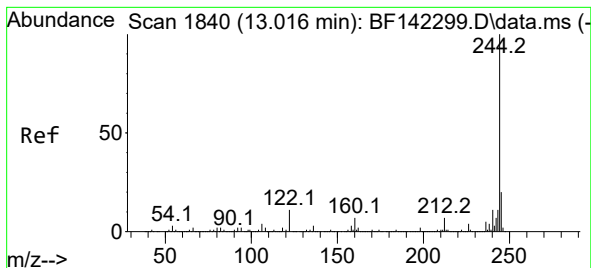
Tgt Ion:188 Resp: 764787
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 9.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142347.D
Acq: 13 May 2025 16:43

Tgt Ion:240 Resp: 473119
Ion Ratio Lower Upper
240 100
120 12.0 9.7 14.5
236 25.4 20.0 30.0





#79

Terphenyl-d14

Concen: 43.441 ng

RT: 13.010 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142347.D

Acq: 13 May 2025 16:43

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-11

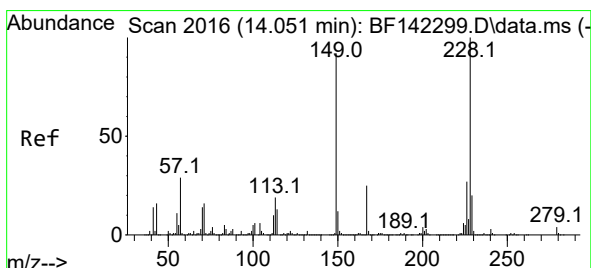
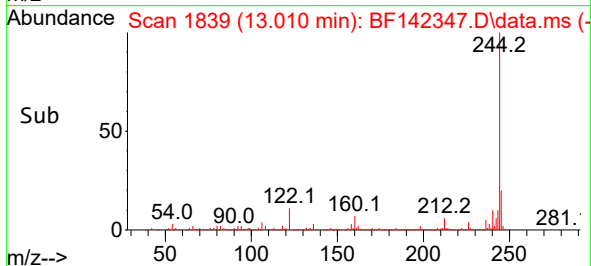
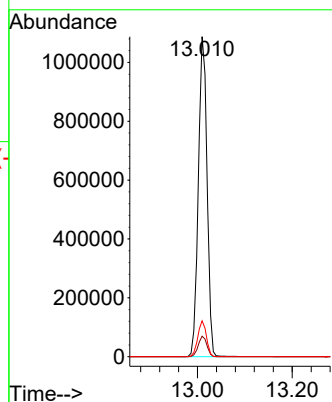
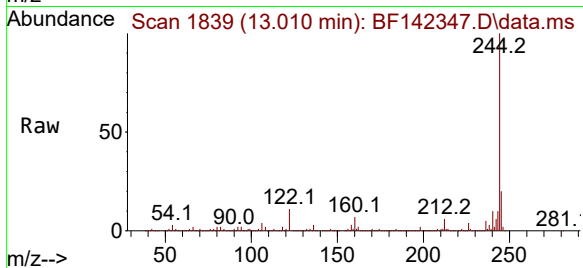
Tgt Ion:244 Resp: 1388591

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

122 11.2 9.0 13.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.896 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142347.D

Acq: 13 May 2025 16:43

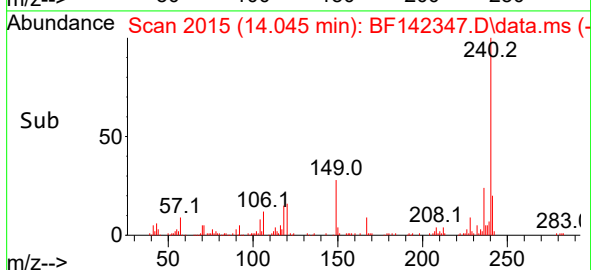
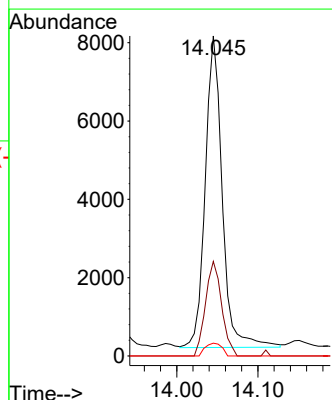
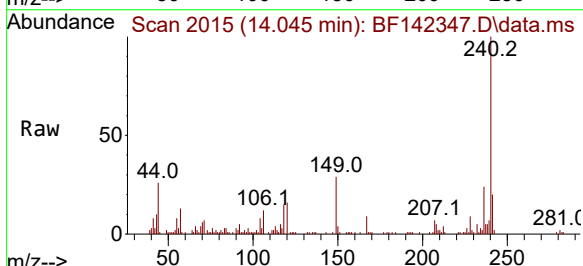
Tgt Ion:149 Resp: 11577

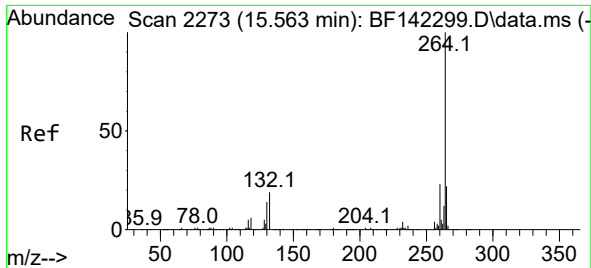
Ion Ratio Lower Upper

149 100

167 29.6 22.0 33.0

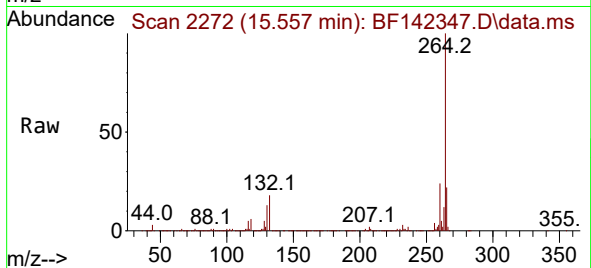
279 4.0 3.0 4.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142347.D
 Acq: 13 May 2025 16:43

Instrument :
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Tgt Ion:264 Resp: 478406
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.6 17.5 26.3

