

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
 Data File : BF142329.D
 Acq On : 12 May 2025 19:35
 Operator : RC/JU
 Sample : Q2007-30
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-14

Quant Time: May 13 01:04:47 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	208786	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	788905	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	418629	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	685643	20.000	ng	0.00
76) Chrysene-d12	14.062	240	409072	20.000	ng	0.00
86) Perylene-d12	15.556	264	337709	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1409929	115.279	ng	0.02
7) Phenol-d6	6.522	99	1578129	104.910	ng	0.00
23) Nitrobenzene-d5	7.463	82	1057007	81.713	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	539324	133.437	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2162250	73.648	ng	0.00
79) Terphenyl-d14	13.015	244	2117652	76.621	ng	0.00

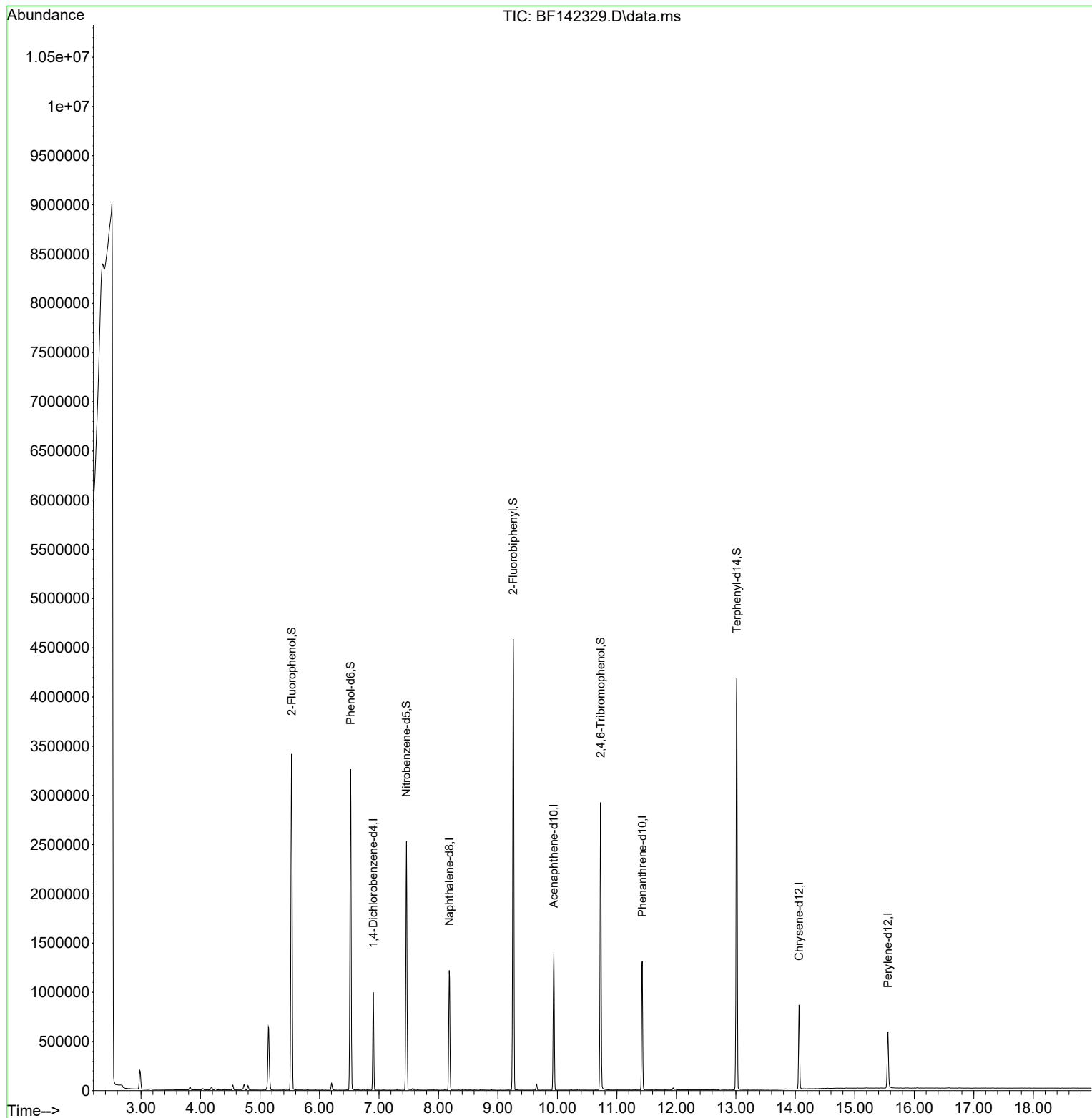
Target Compounds	Qvalue

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

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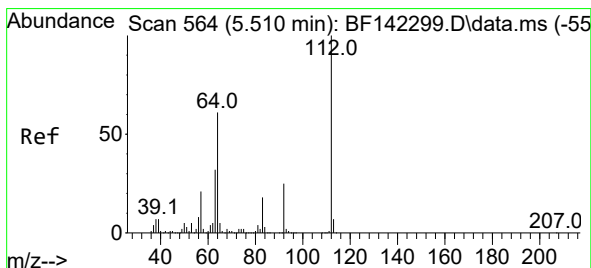
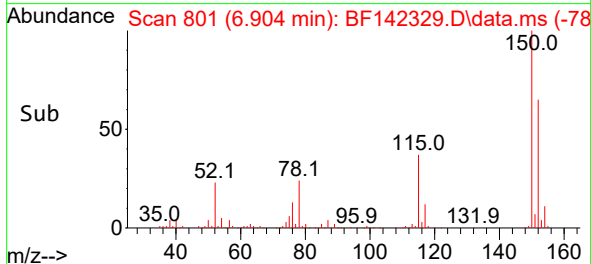
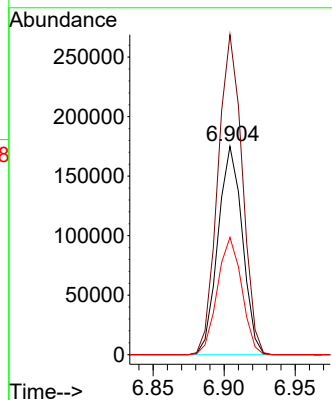
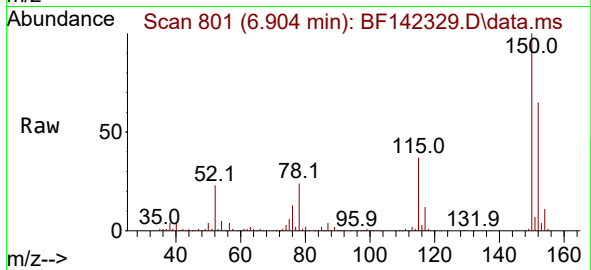




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142329.D
 Acq: 12 May 2025 19:35

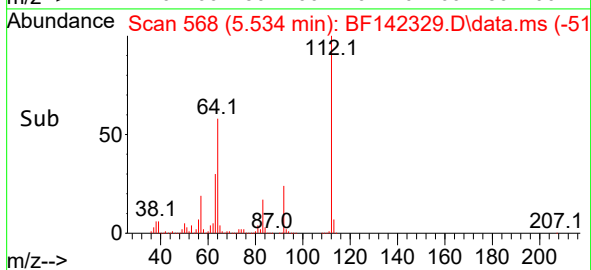
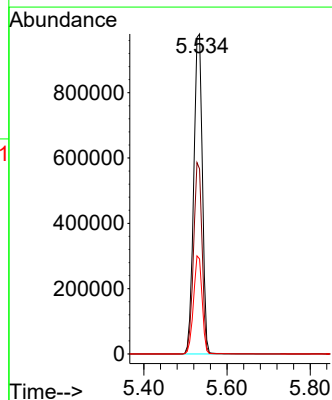
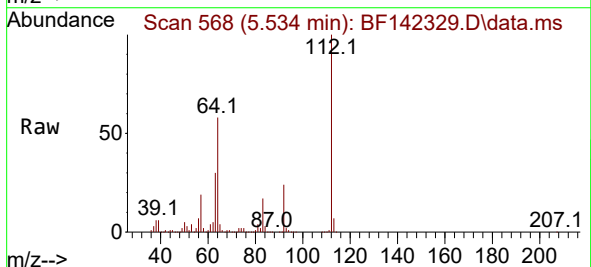
Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-14

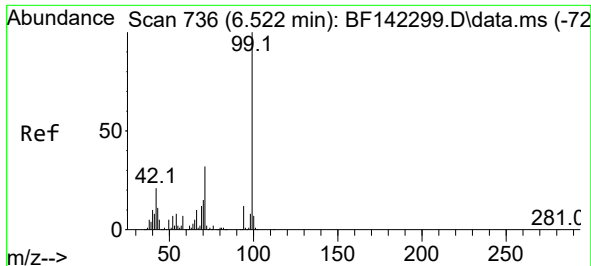
Tgt Ion:152 Resp: 208786
 Ion Ratio Lower Upper
 152 100
 150 153.6 126.6 190.0
 115 56.3 47.3 70.9



#5
 2-Fluorophenol
 Concen: 115.279 ng
 RT: 5.534 min Scan# 568
 Delta R.T. 0.023 min
 Lab File: BF142329.D
 Acq: 12 May 2025 19:35

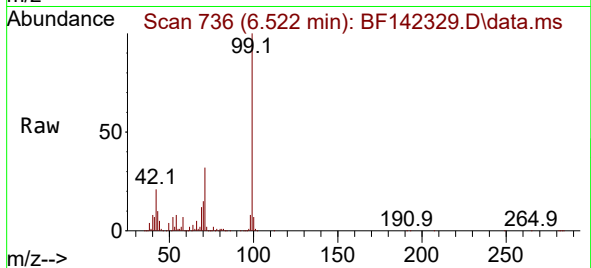
Tgt Ion:112 Resp: 1409929
 Ion Ratio Lower Upper
 112 100
 64 57.9 48.9 73.3
 63 29.7 25.6 38.4



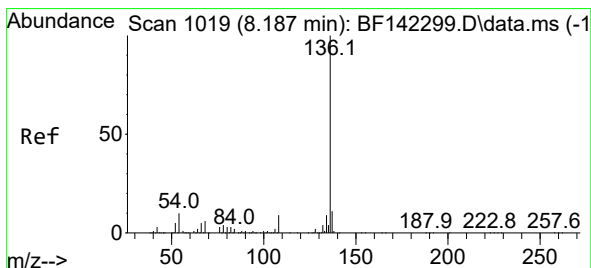
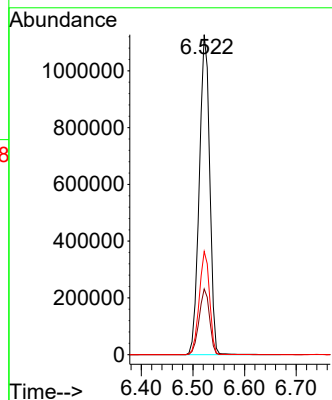
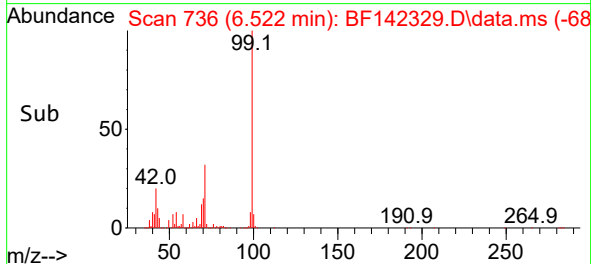


#7
Phenol-d6
Concen: 104.910 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142329.D
Acq: 12 May 2025 19:35

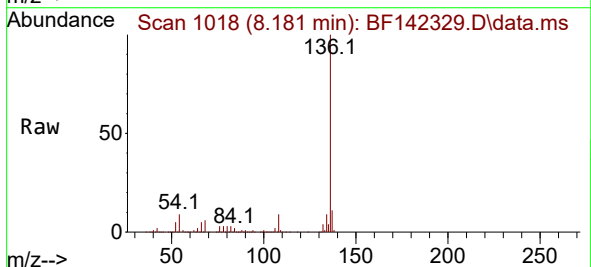
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-14



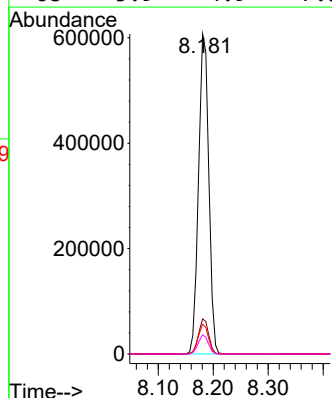
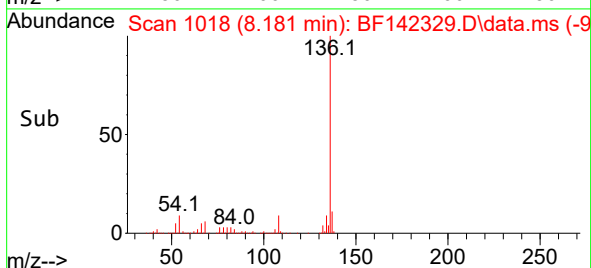
Tgt Ion: 99 Resp: 1578129
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.4
71 32.3 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142329.D
Acq: 12 May 2025 19:35



Tgt Ion:136 Resp: 788905
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.3 7.7 11.5
68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 81.713 ng

RT: 7.463 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF142329.D

Acq: 12 May 2025 19:35

Instrument :

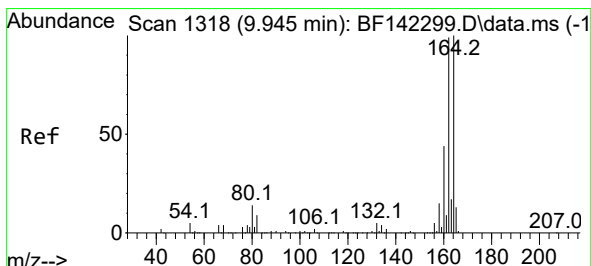
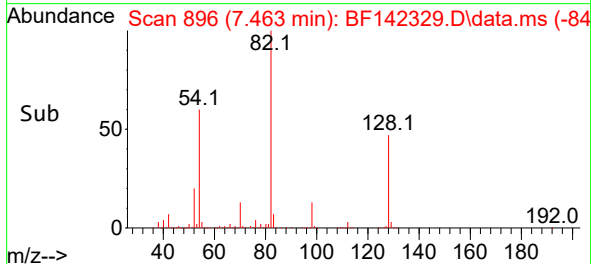
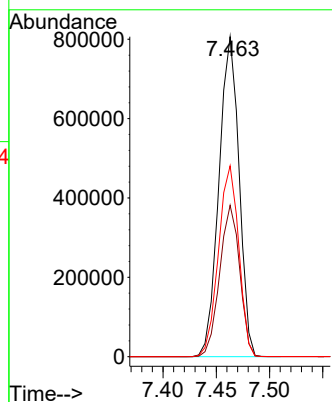
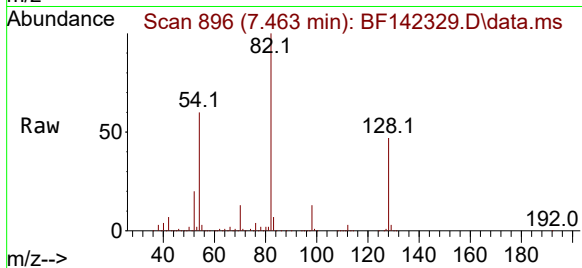
BNA_F

ClientSampleId :

OR-636-COMP-14

Tgt Ion: 82 Resp: 1057007

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.0	55.6
54	59.6	48.6	73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

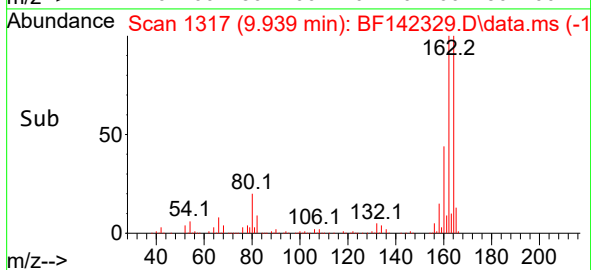
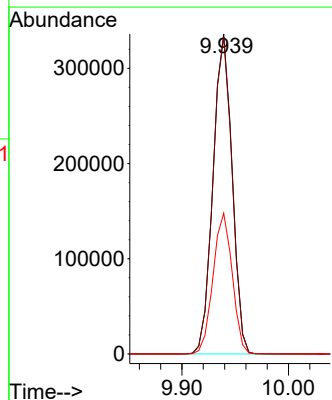
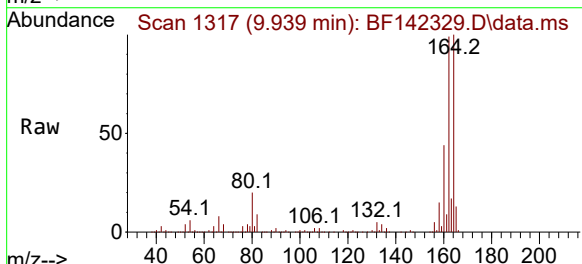
Delta R.T. -0.006 min

Lab File: BF142329.D

Acq: 12 May 2025 19:35

Tgt Ion: 164 Resp: 418629

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.2	118.8
160	44.0	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 133.437 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142329.D

Acq: 12 May 2025 19:35

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-14

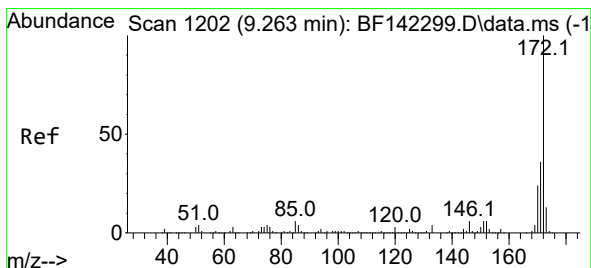
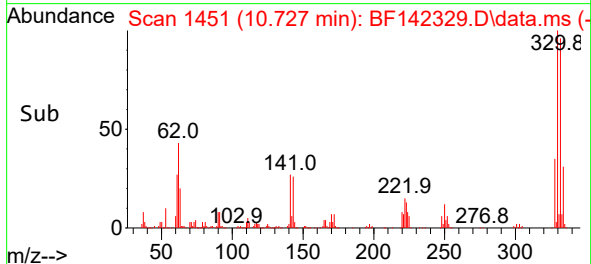
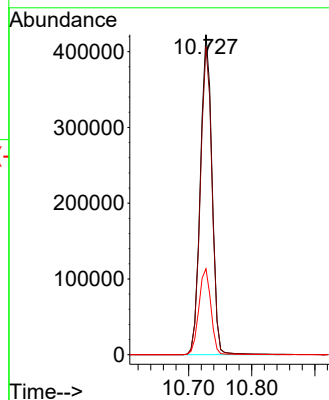
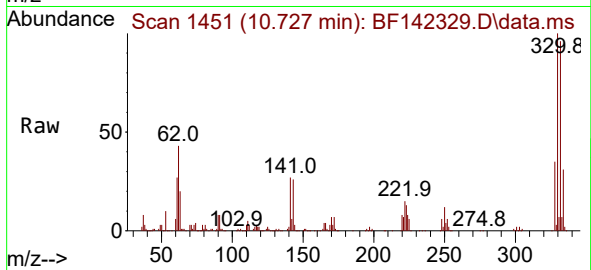
Tgt Ion:330 Resp: 539324

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

141 27.9 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 73.648 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142329.D

Acq: 12 May 2025 19:35

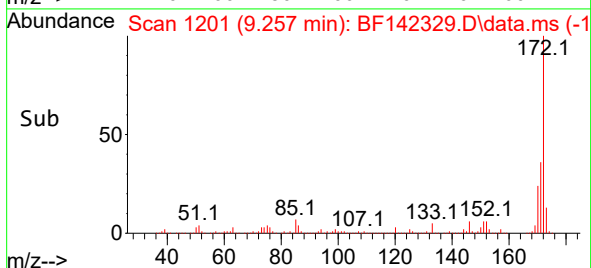
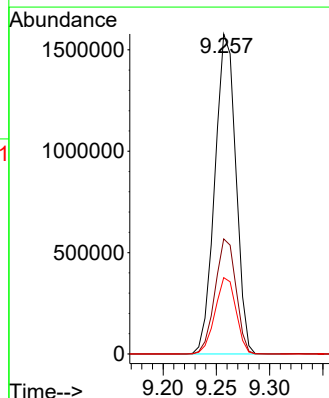
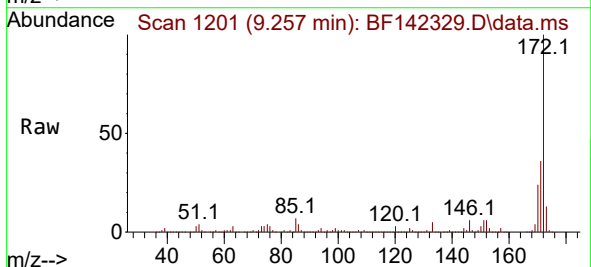
Tgt Ion:172 Resp: 2162250

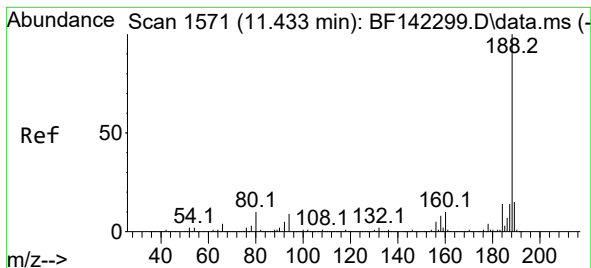
Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

170 23.8 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: BF142329.D

Acq: 12 May 2025 19:35

Instrument :

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OR-636-COMP-14

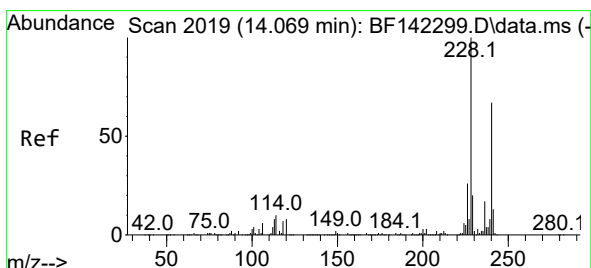
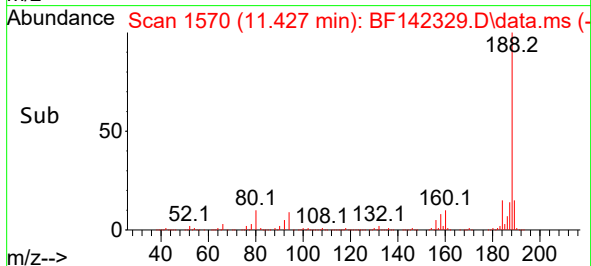
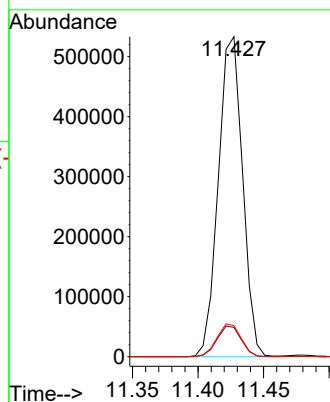
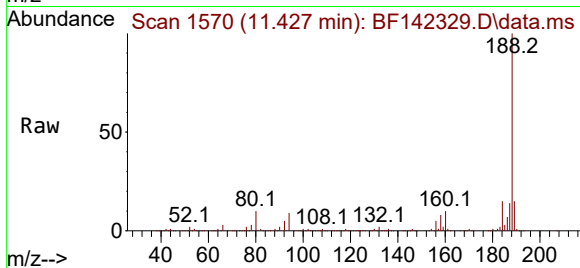
Tgt Ion:188 Resp: 685643

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: 14.062 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF142329.D

Acq: 12 May 2025 19:35

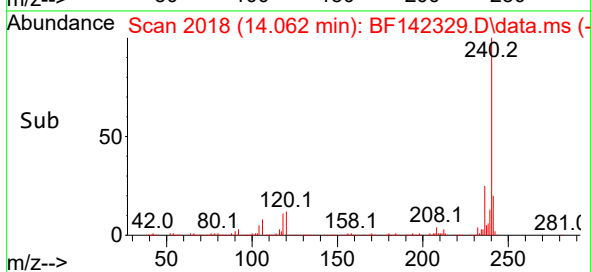
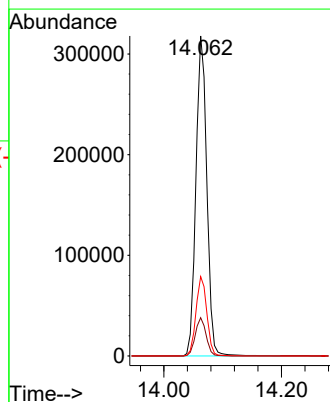
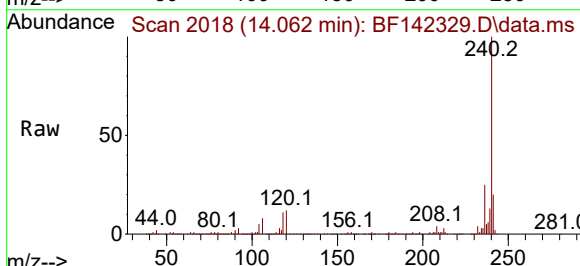
Tgt Ion:240 Resp: 409072

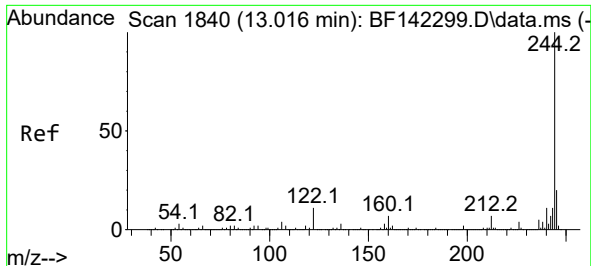
Ion Ratio Lower Upper

240 100

120 12.0 9.7 14.5

236 24.8 20.0 30.0

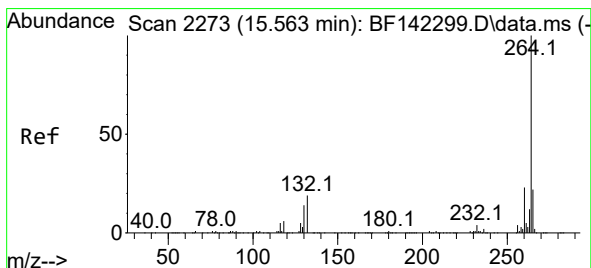
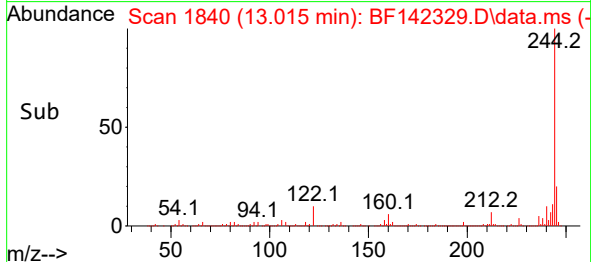
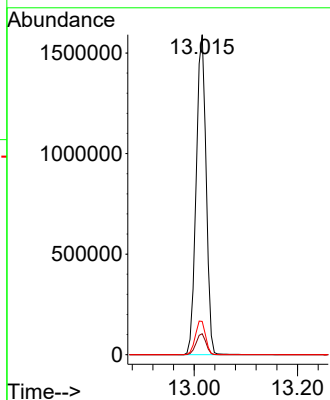
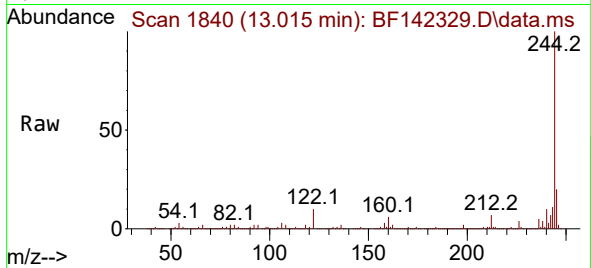




#79
 Terphenyl-d14
 Concen: 76.621 ng
 RT: 13.015 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF142329.D
 Acq: 12 May 2025 19:35

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Tgt Ion:244 Resp: 2117652
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.4 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF142329.D
 Acq: 12 May 2025 19:35

Tgt Ion:264 Resp: 337709
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.4 17.5 26.3

