

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
 Data File : BF142330.D
 Acq On : 12 May 2025 20:04
 Operator : RC/JU
 Sample : Q2007-36
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: May 13 01:05:03 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	212887	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	811657	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	436887	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	753384	20.000	ng	0.00
76) Chrysene-d12	14.063	240	436235	20.000	ng	0.00
86) Perylene-d12	15.557	264	339187	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1462370	117.263	ng	0.02
7) Phenol-d6	6.522	99	1655947	107.962	ng	0.00
23) Nitrobenzene-d5	7.463	82	1107058	83.183	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	581061	137.755	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2321493	75.767	ng	0.00
79) Terphenyl-d14	13.016	244	2322892	78.814	ng	0.00

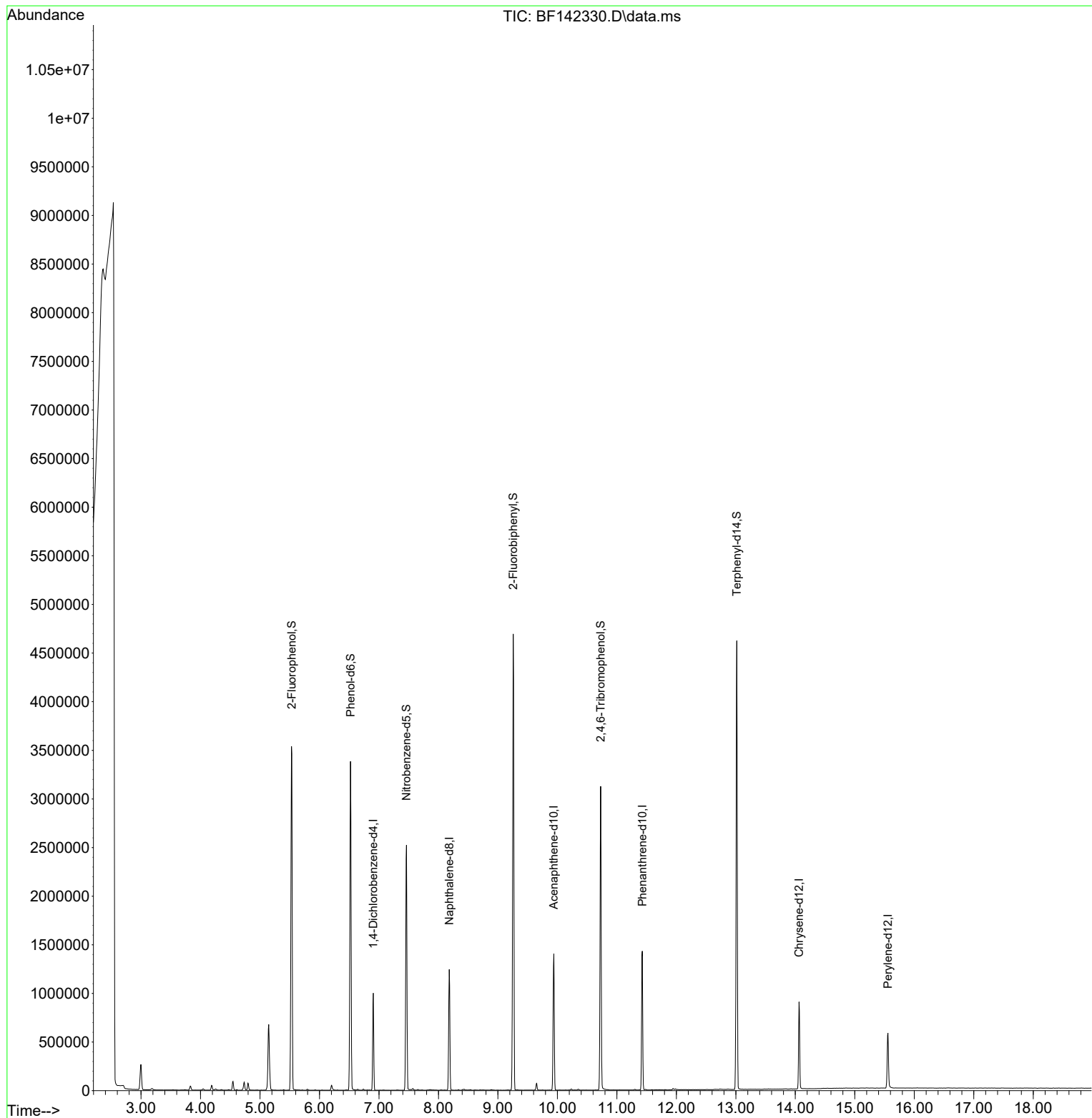
Target Compounds	Qvalue

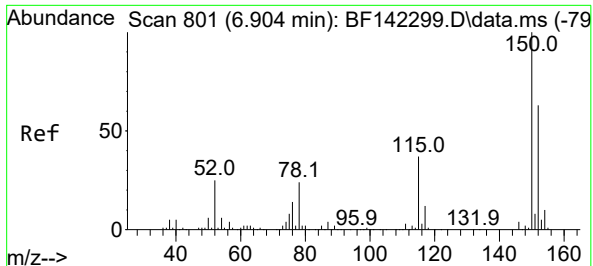
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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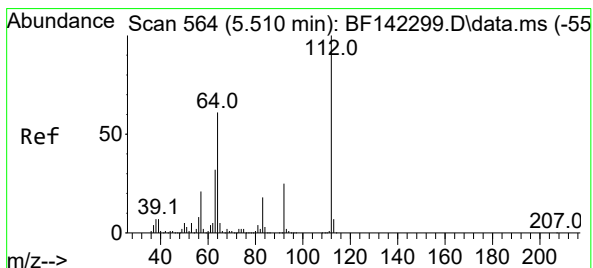
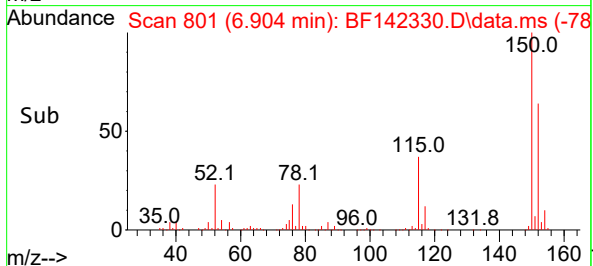
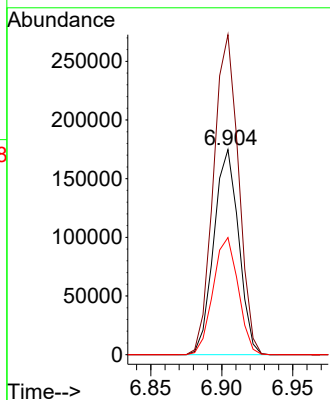
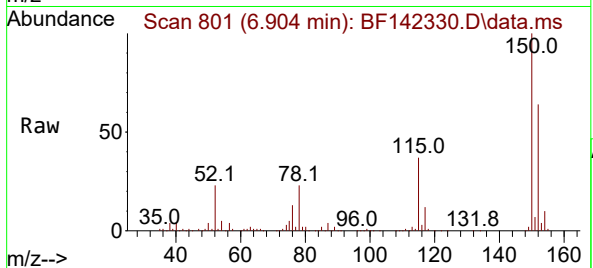




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

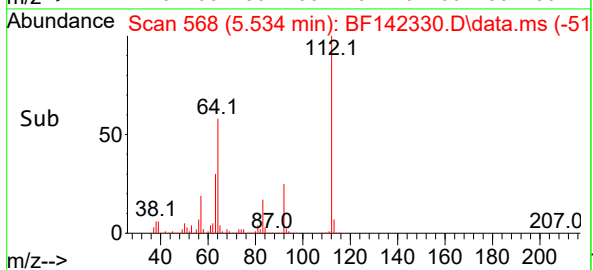
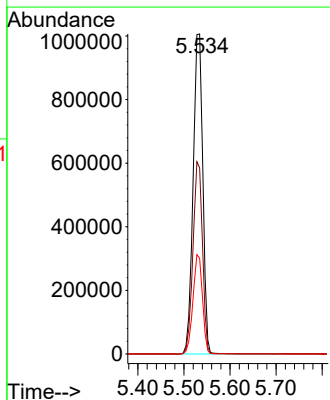
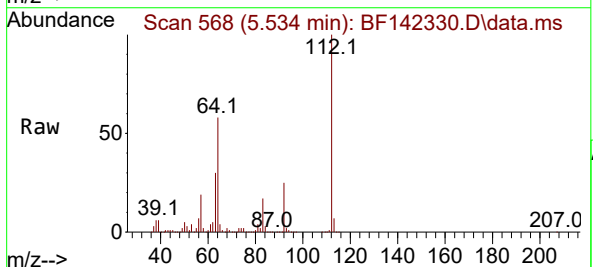
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-15

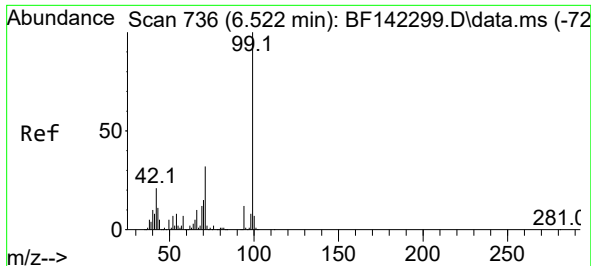
Tgt Ion:152 Resp: 212887
Ion Ratio Lower Upper
152 100
150 156.0 126.6 190.0
115 57.1 47.3 70.9



#5
2-Fluorophenol
Concen: 117.263 ng
RT: 5.534 min Scan# 568
Delta R.T. 0.024 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

Tgt Ion:112 Resp: 1462370
Ion Ratio Lower Upper
112 100
64 58.2 48.9 73.3
63 29.9 25.6 38.4

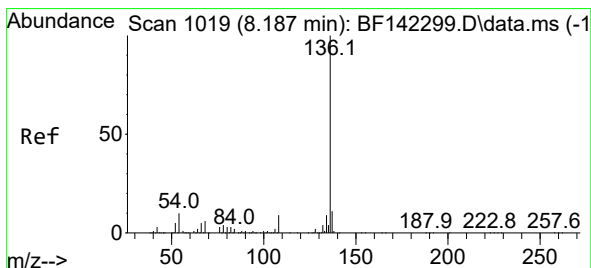
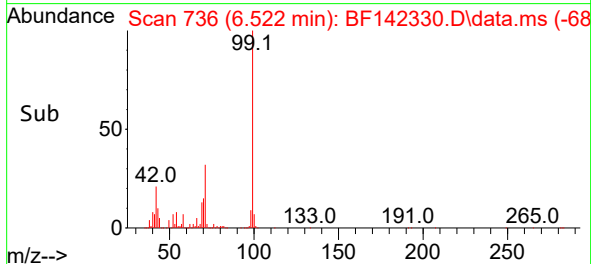
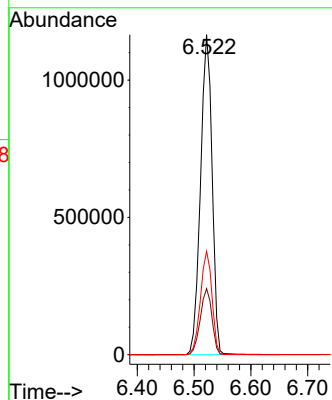
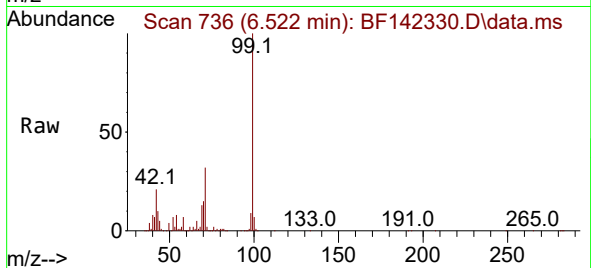




#7
Phenol-d6
Concen: 107.962 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

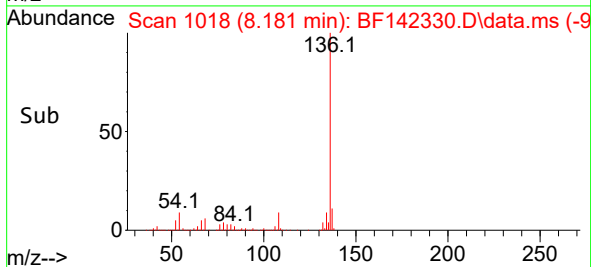
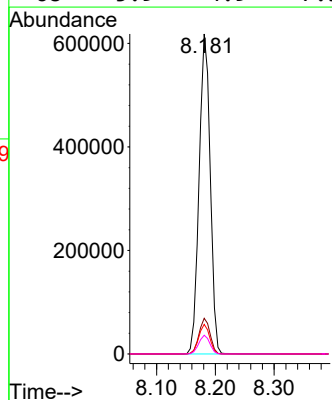
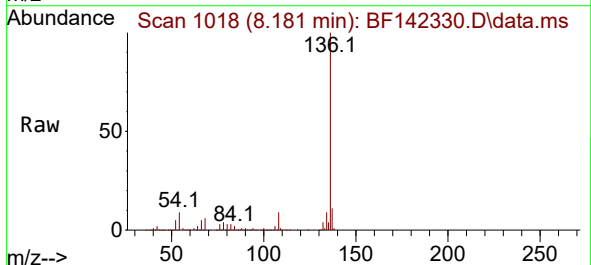
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-15

Tgt Ion: 99 Resp: 1655947
Ion Ratio Lower Upper
99 100
42 20.7 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: BF142330.D
Acq: 12 May 2025 20:04

Tgt Ion:136 Resp: 811657
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.3 7.7 11.5
68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 83.183 ng

RT: 7.463 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF142330.D

Acq: 12 May 2025 20:04

Instrument :

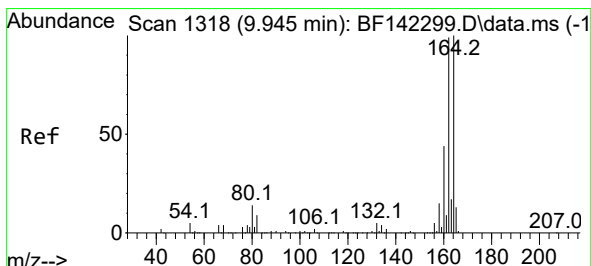
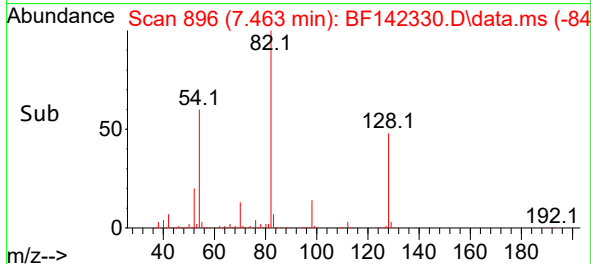
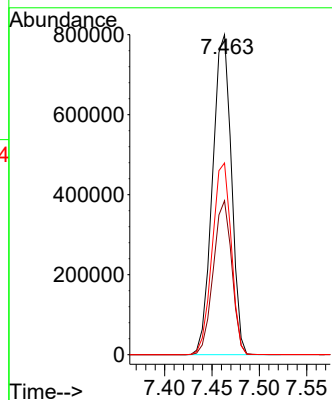
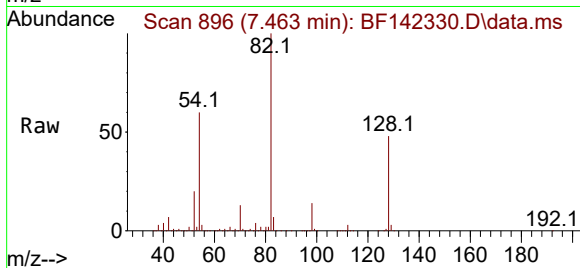
BNA_F

ClientSampleId :

OR-636-COMP-15

Tgt Ion: 82 Resp: 1107058

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

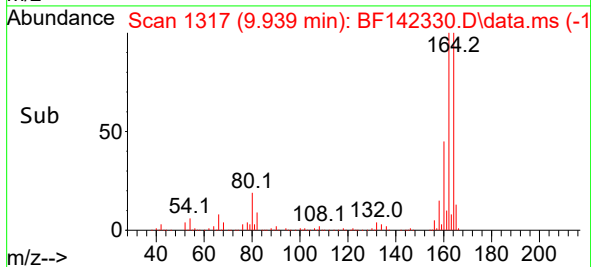
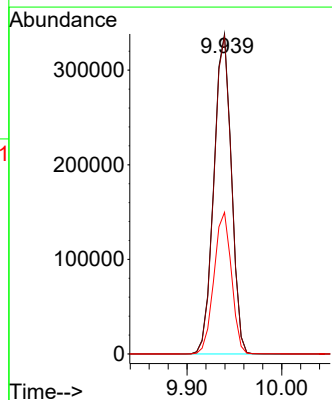
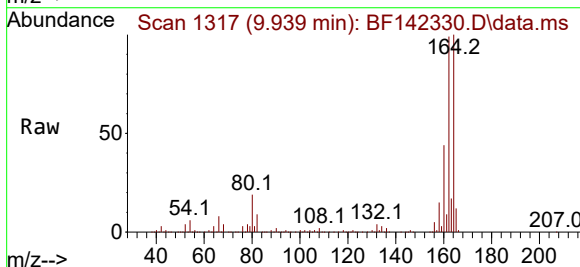
Delta R.T. -0.006 min

Lab File: BF142330.D

Acq: 12 May 2025 20:04

Tgt Ion: 164 Resp: 436887

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.2	118.8
160	44.2	35.3	52.9

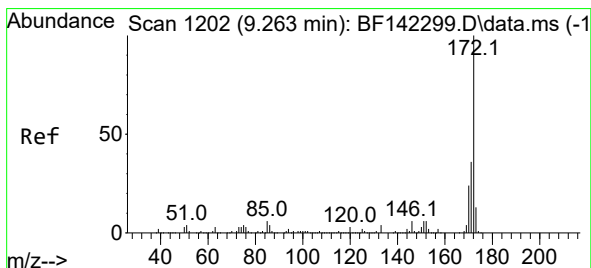
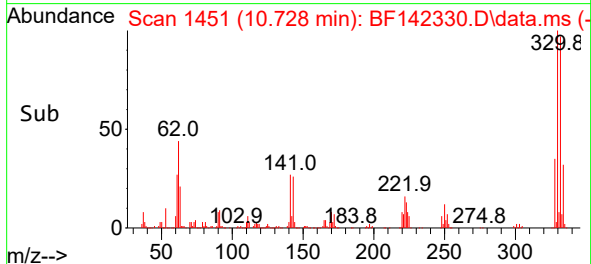
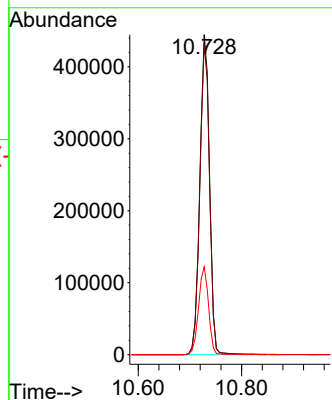
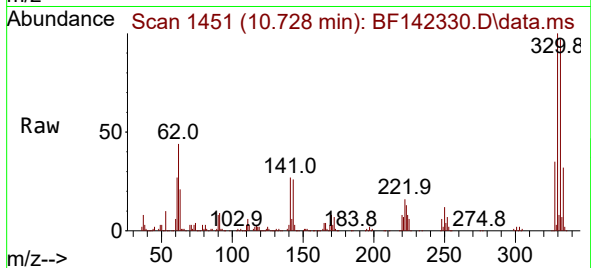




#42
2,4,6-Tribromophenol
Concen: 137.755 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

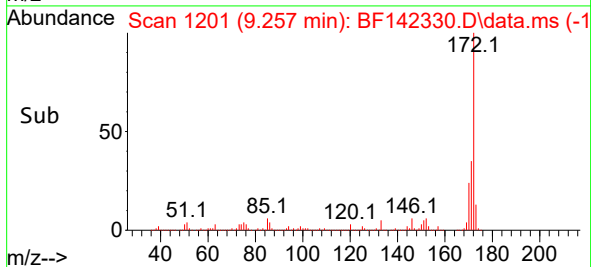
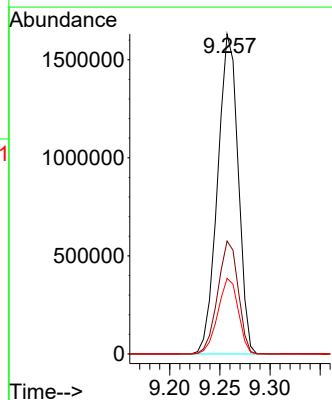
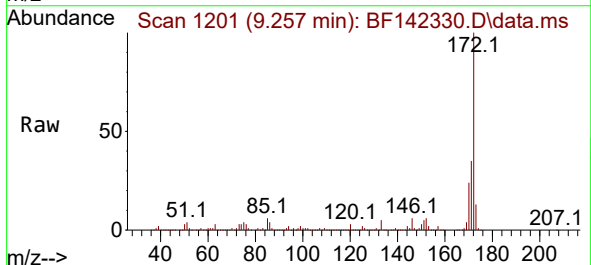
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-15

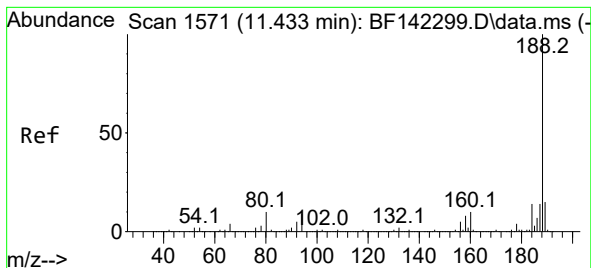
Tgt Ion:330 Resp: 581061
Ion Ratio Lower Upper
330 100
332 96.8 76.8 115.2
141 28.2 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 75.767 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

Tgt Ion:172 Resp: 2321493
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.7 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: BF142330.D

Acq: 12 May 2025 20:04

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-15

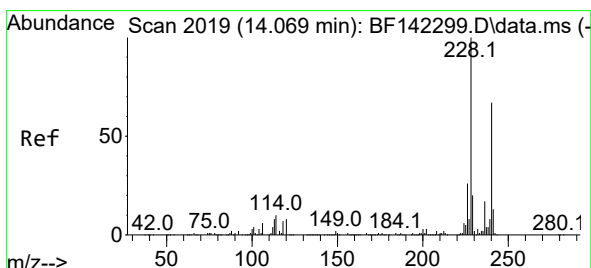
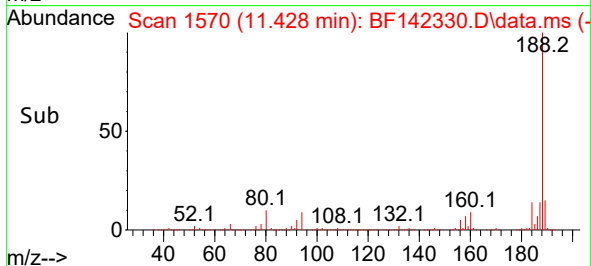
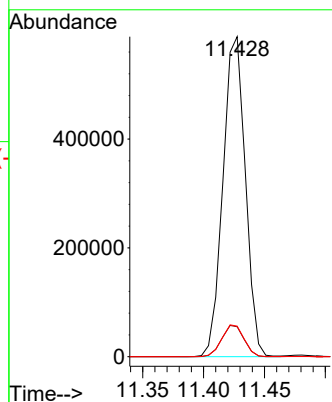
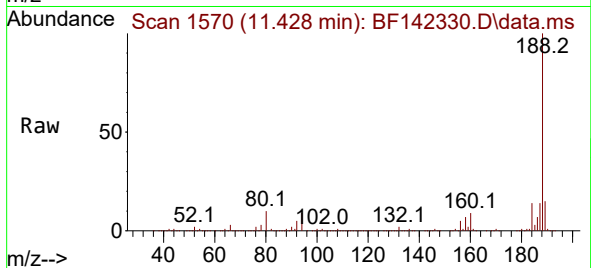
Tgt Ion:188 Resp: 753384

Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

80 9.6 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: BF142330.D

Acq: 12 May 2025 20:04

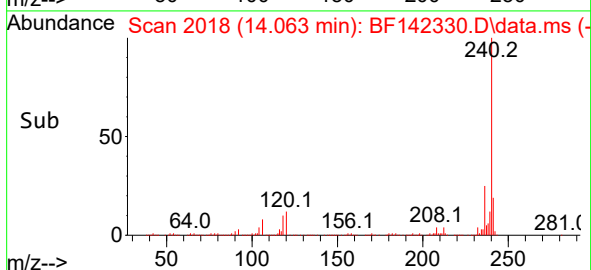
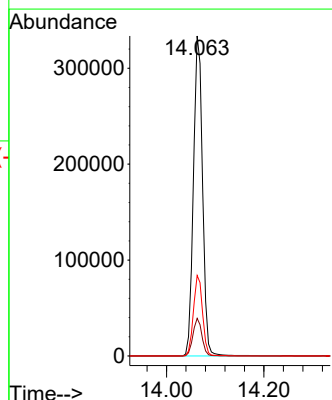
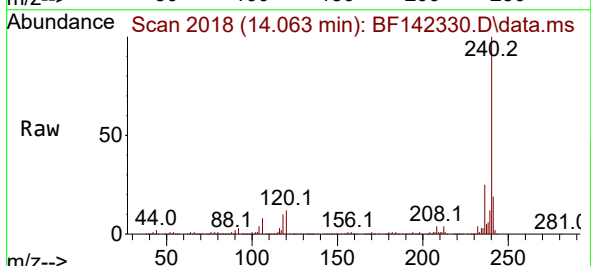
Tgt Ion:240 Resp: 436235

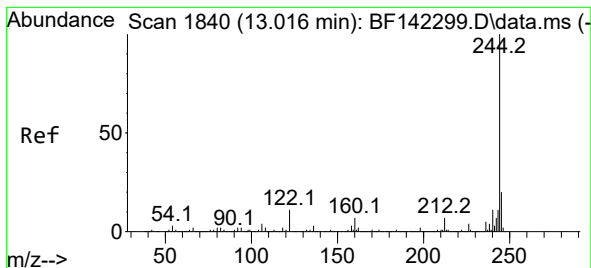
Ion Ratio Lower Upper

240 100

120 11.8 9.7 14.5

236 25.1 20.0 30.0





#79

Terphenyl-d14

Concen: 78.814 ng

RT: 13.016 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142330.D

Acq: 12 May 2025 20:04

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-15

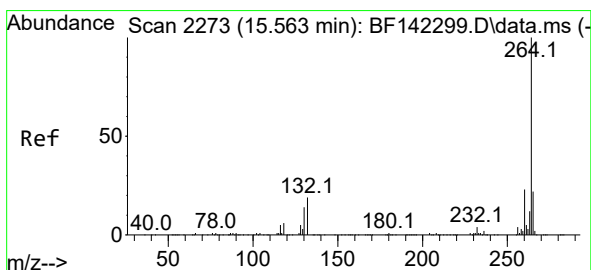
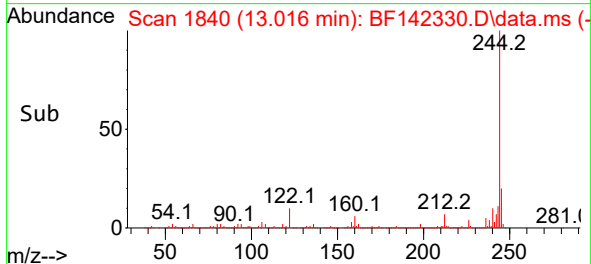
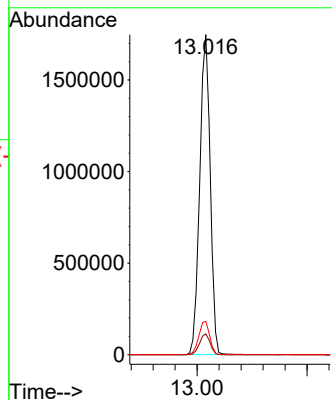
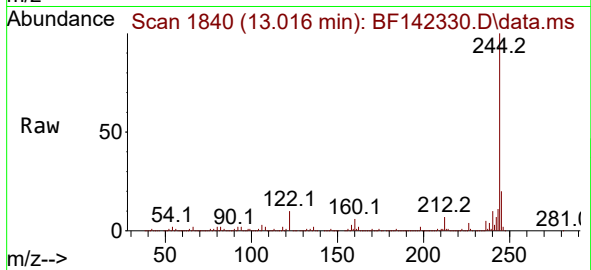
Tgt Ion:244 Resp: 2322892

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: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142330.D

Acq: 12 May 2025 20:04

Tgt Ion:264 Resp: 339187

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.4 17.5 26.3

