

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
 Data File : BF142348.D
 Acq On : 13 May 2025 17:11
 Operator : RC/JU
 Sample : Q2007-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-12

Quant Time: May 13 17:59:57 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)

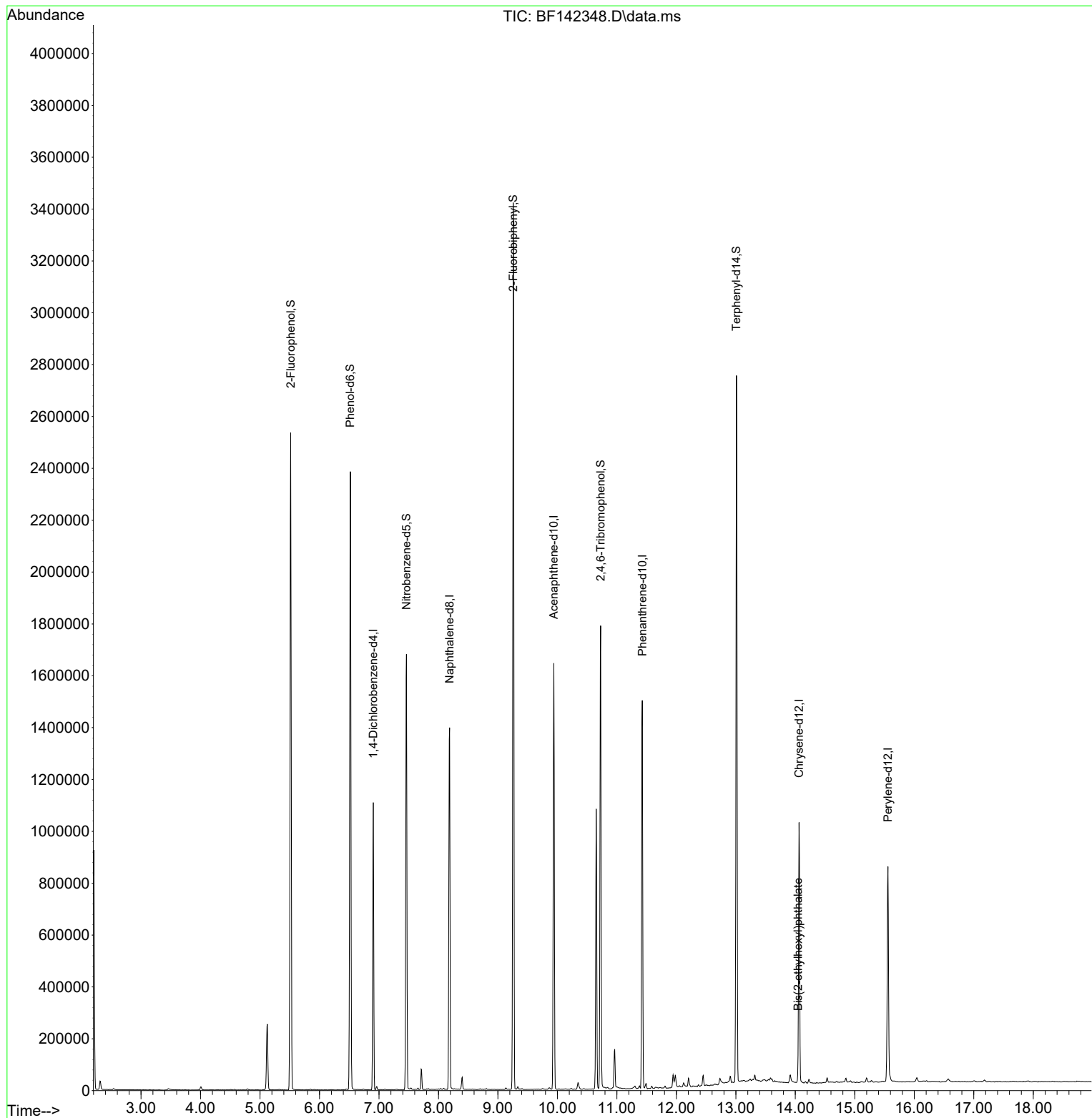
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	230037	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	893918	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	480919	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	779254	20.000	ng	0.00
76) Chrysene-d12	14.063	240	481107	20.000	ng	0.00
86) Perylene-d12	15.557	264	486105	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	970132	71.992	ng	0.00
7) Phenol-d6	6.516	99	1171548	70.687	ng	0.00
23) Nitrobenzene-d5	7.463	82	704052	48.034	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	317327	68.343	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1521563	45.113	ng	0.00
79) Terphenyl-d14	13.010	244	1331384	40.959	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.045	149	10017	4.798	ng	Qvalue 99

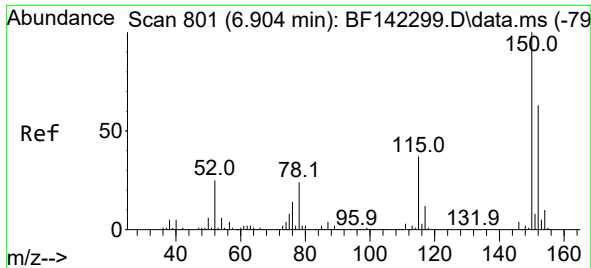
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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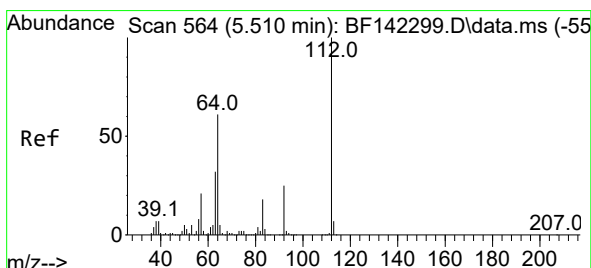
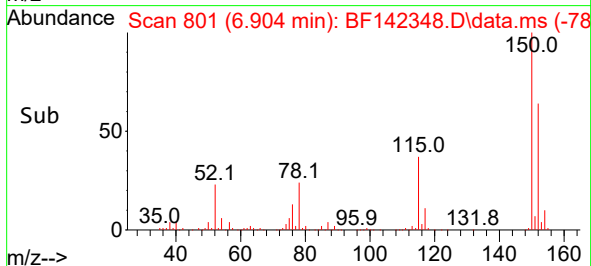
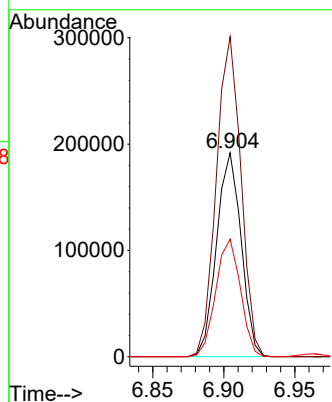
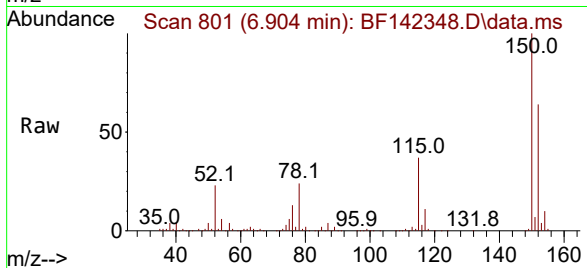




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142348.D
 Acq: 13 May 2025 17:11

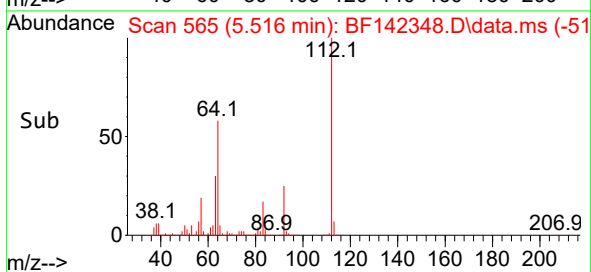
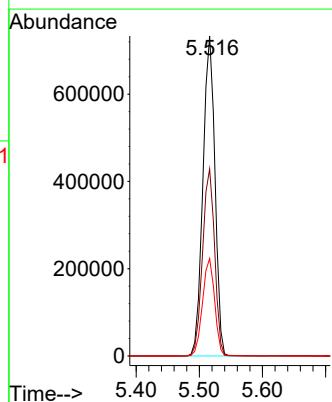
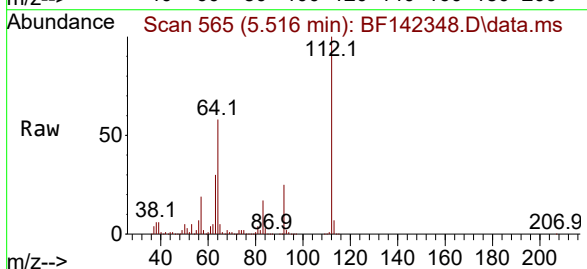
Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-12

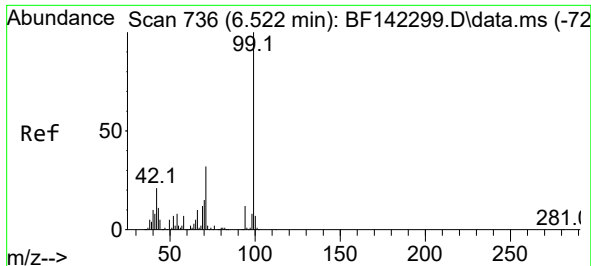
Tgt Ion:152 Resp: 230037
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.6 190.0
 115 57.7 47.3 70.9



#5
 2-Fluorophenol
 Concen: 71.992 ng
 RT: 5.516 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF142348.D
 Acq: 13 May 2025 17:11

Tgt Ion:112 Resp: 970132
 Ion Ratio Lower Upper
 112 100
 64 58.4 48.9 73.3
 63 30.4 25.6 38.4

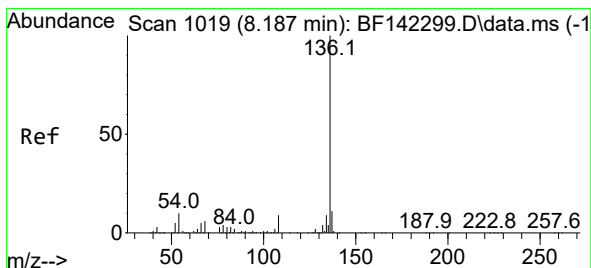
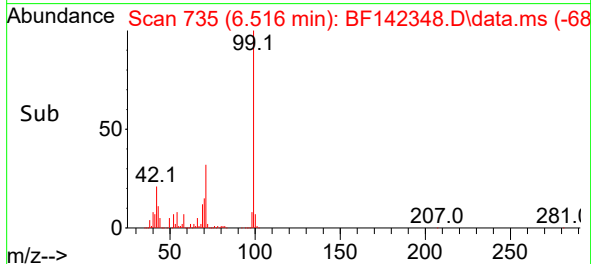
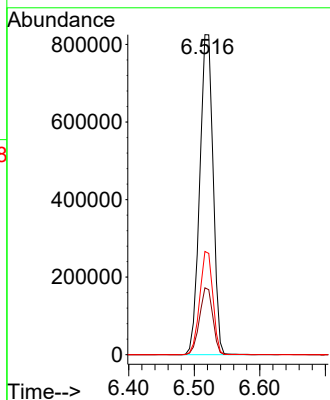
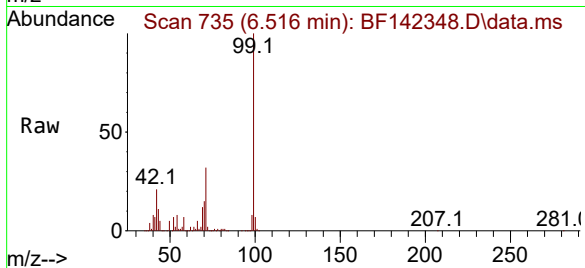




#7
Phenol-d6
Concen: 70.687 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142348.D
Acq: 13 May 2025 17:11

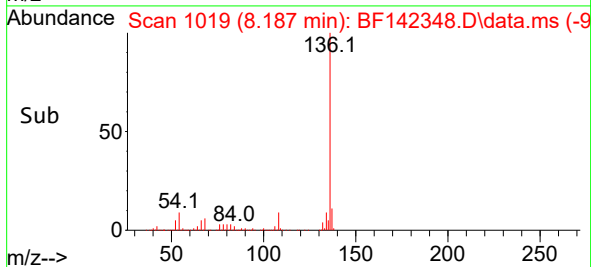
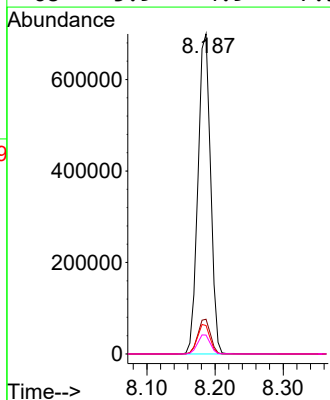
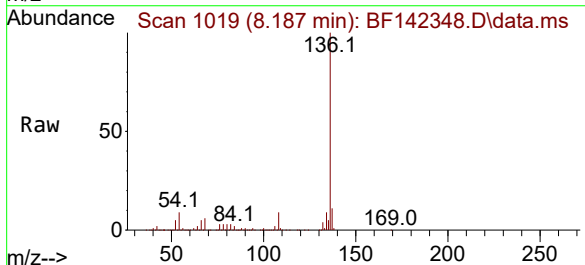
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-12

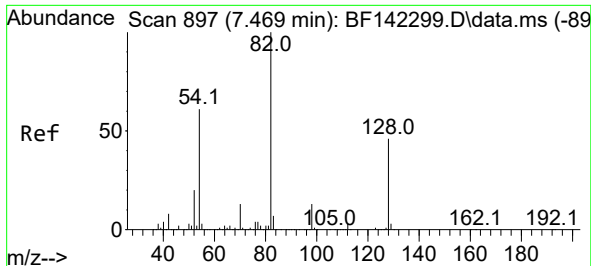
Tgt Ion: 99 Resp: 1171548
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.4
71 32.2 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142348.D
Acq: 13 May 2025 17:11

Tgt Ion: 136 Resp: 893918
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.9 7.7 11.5
68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 48.034 ng

RT: 7.463 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF142348.D

Acq: 13 May 2025 17:11

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-12

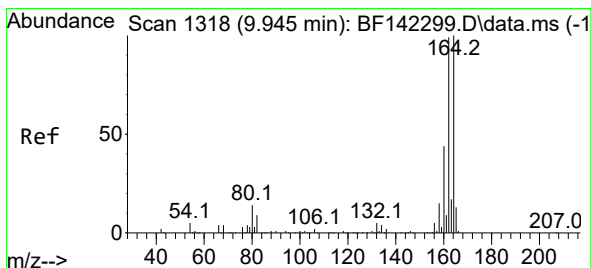
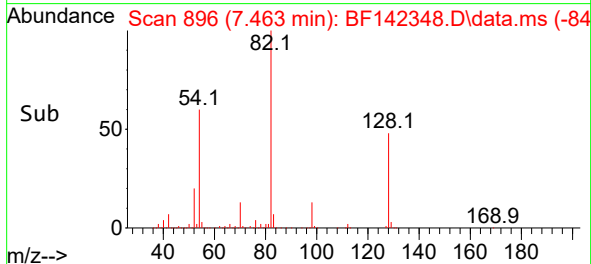
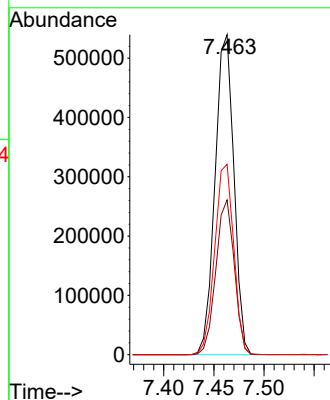
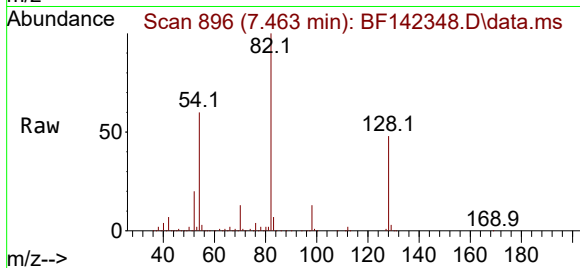
Tgt Ion: 82 Resp: 704052

Ion Ratio Lower Upper

82 100

128 48.4 37.0 55.6

54 59.5 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: BF142348.D

Acq: 13 May 2025 17:11

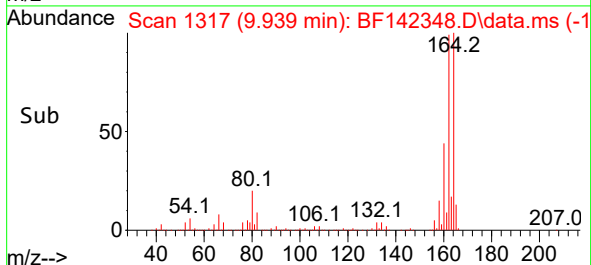
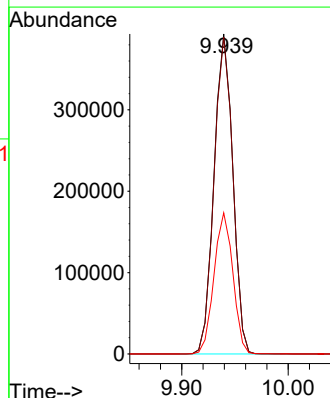
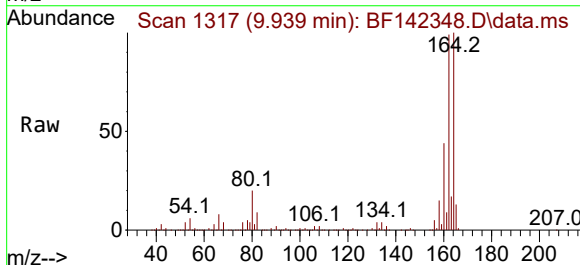
Tgt Ion: 164 Resp: 480919

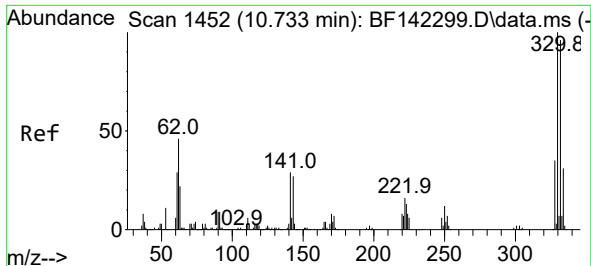
Ion Ratio Lower Upper

164 100

162 99.1 79.2 118.8

160 44.1 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 68.343 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142348.D

Acq: 13 May 2025 17:11

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-12

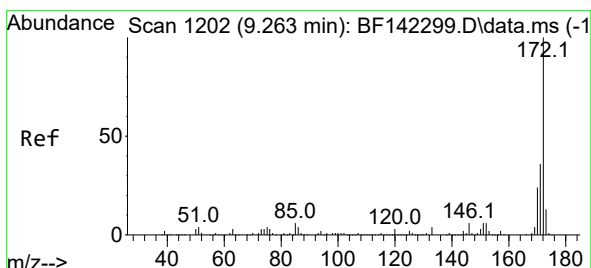
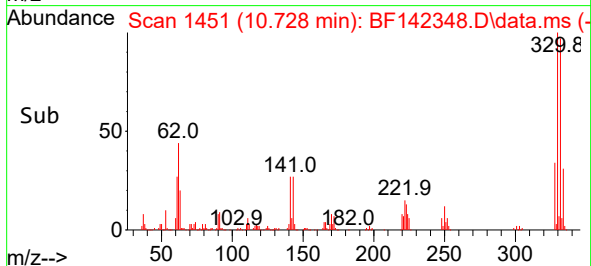
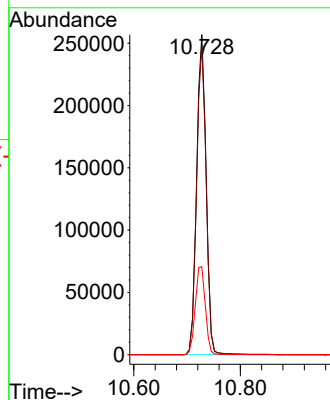
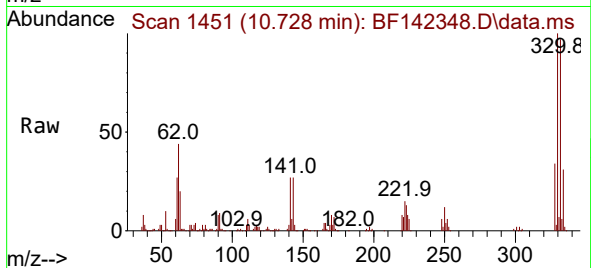
Tgt Ion:330 Resp: 317327

Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

141 29.2 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 45.113 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142348.D

Acq: 13 May 2025 17:11

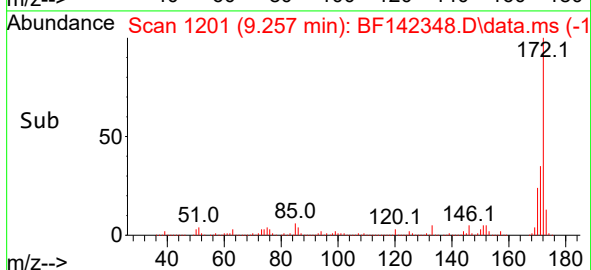
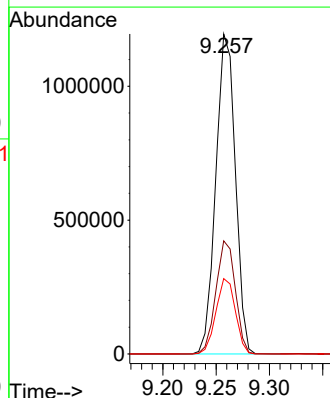
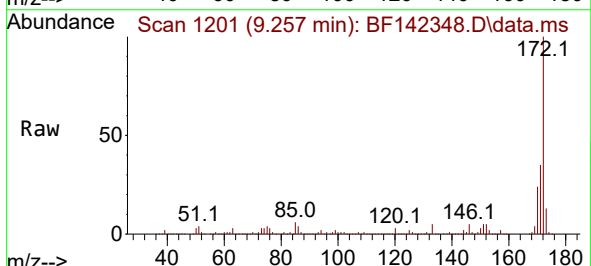
Tgt Ion:172 Resp: 1521563

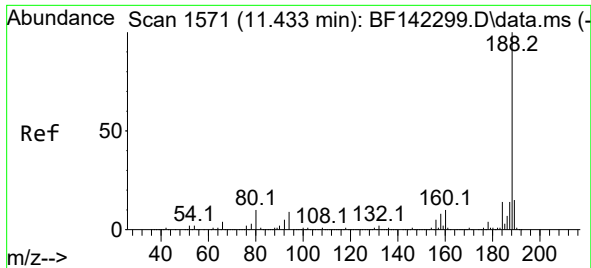
Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.6 19.0 28.4

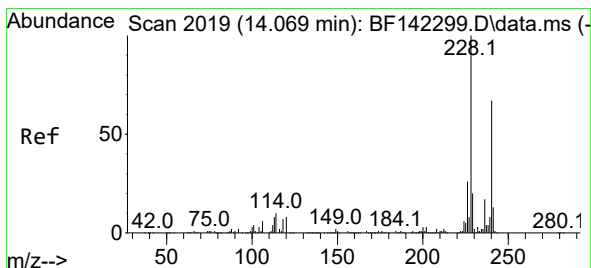
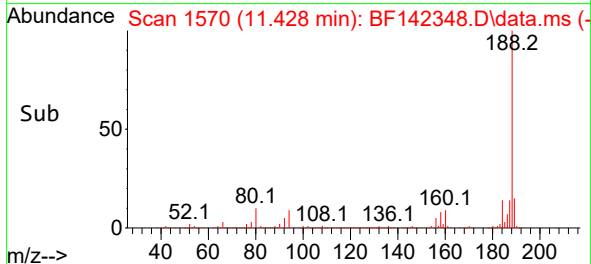
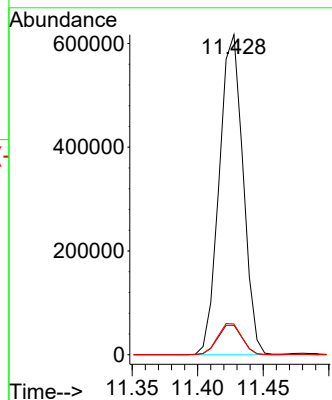
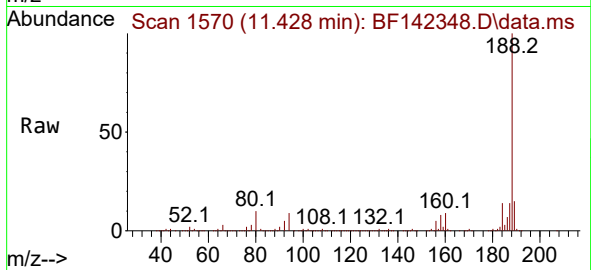




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142348.D
Acq: 13 May 2025 17:11

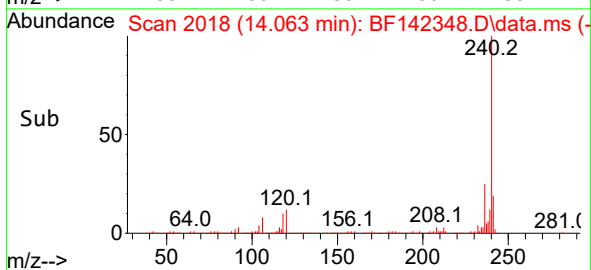
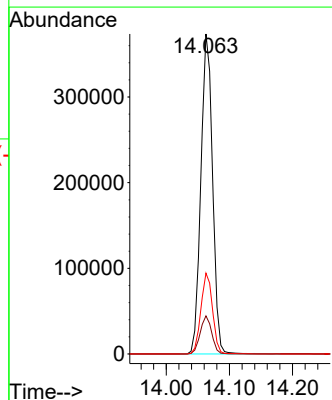
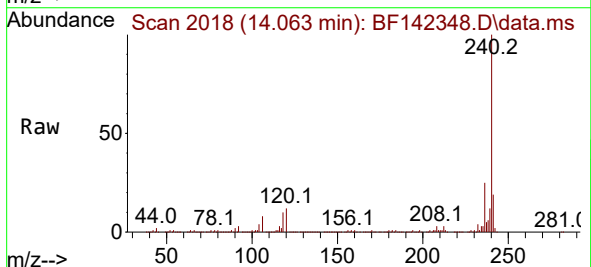
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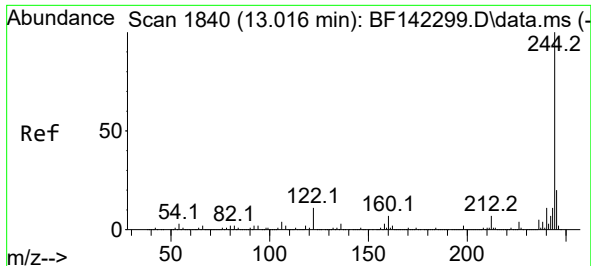
Tgt Ion:188 Resp: 779254
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 9.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142348.D
Acq: 13 May 2025 17:11

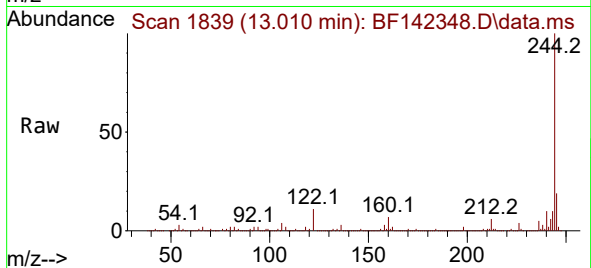
Tgt Ion:240 Resp: 481107
Ion Ratio Lower Upper
240 100
120 11.9 9.7 14.5
236 25.3 20.0 30.0



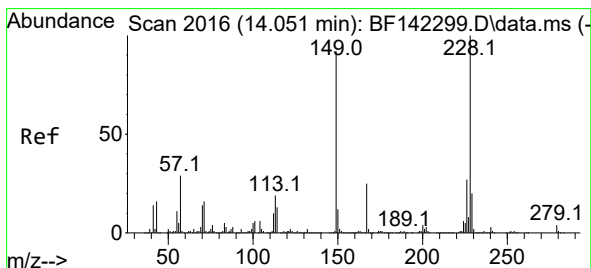
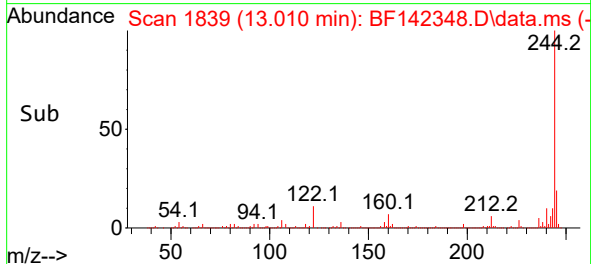
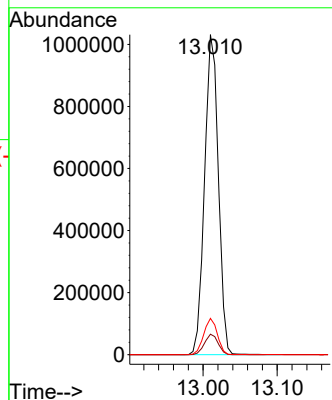


#79
 Terphenyl-d14
 Concen: 40.959 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142348.D
 Acq: 13 May 2025 17:11

Instrument :
 BNA_F
 ClientSampleId :
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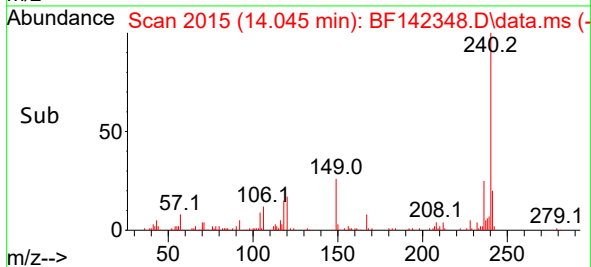
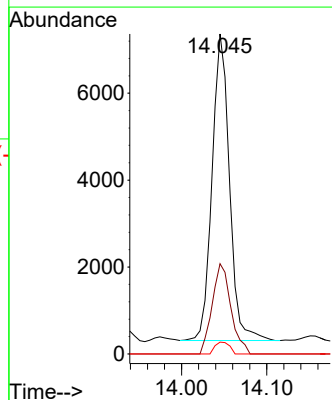
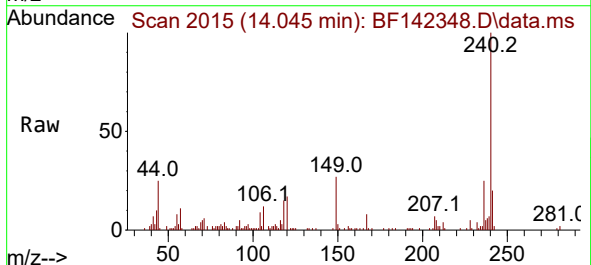


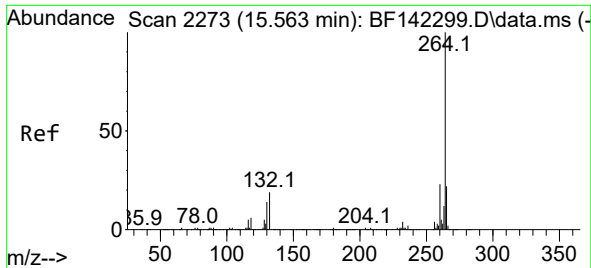
Tgt Ion:244 Resp: 1331384
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.2
 122 11.4 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.798 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: BF142348.D
 Acq: 13 May 2025 17:11

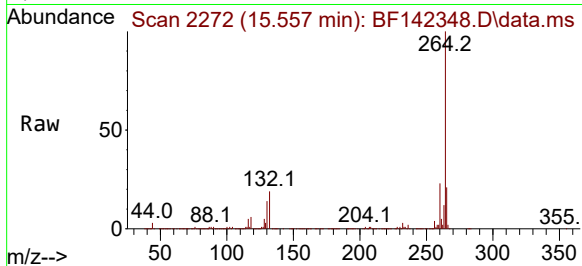
Tgt Ion:149 Resp: 10017
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.0 33.0
 279 3.7 3.0 4.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142348.D
Acq: 13 May 2025 17:11

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-12



Tgt Ion:264 Resp: 486105
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 21.4 17.5 26.3

