

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142452.D
 Acq On : 19 May 2025 15:33
 Operator : RC/JU
 Sample : Q2057-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-L

Quant Time: May 19 15:53:02 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)

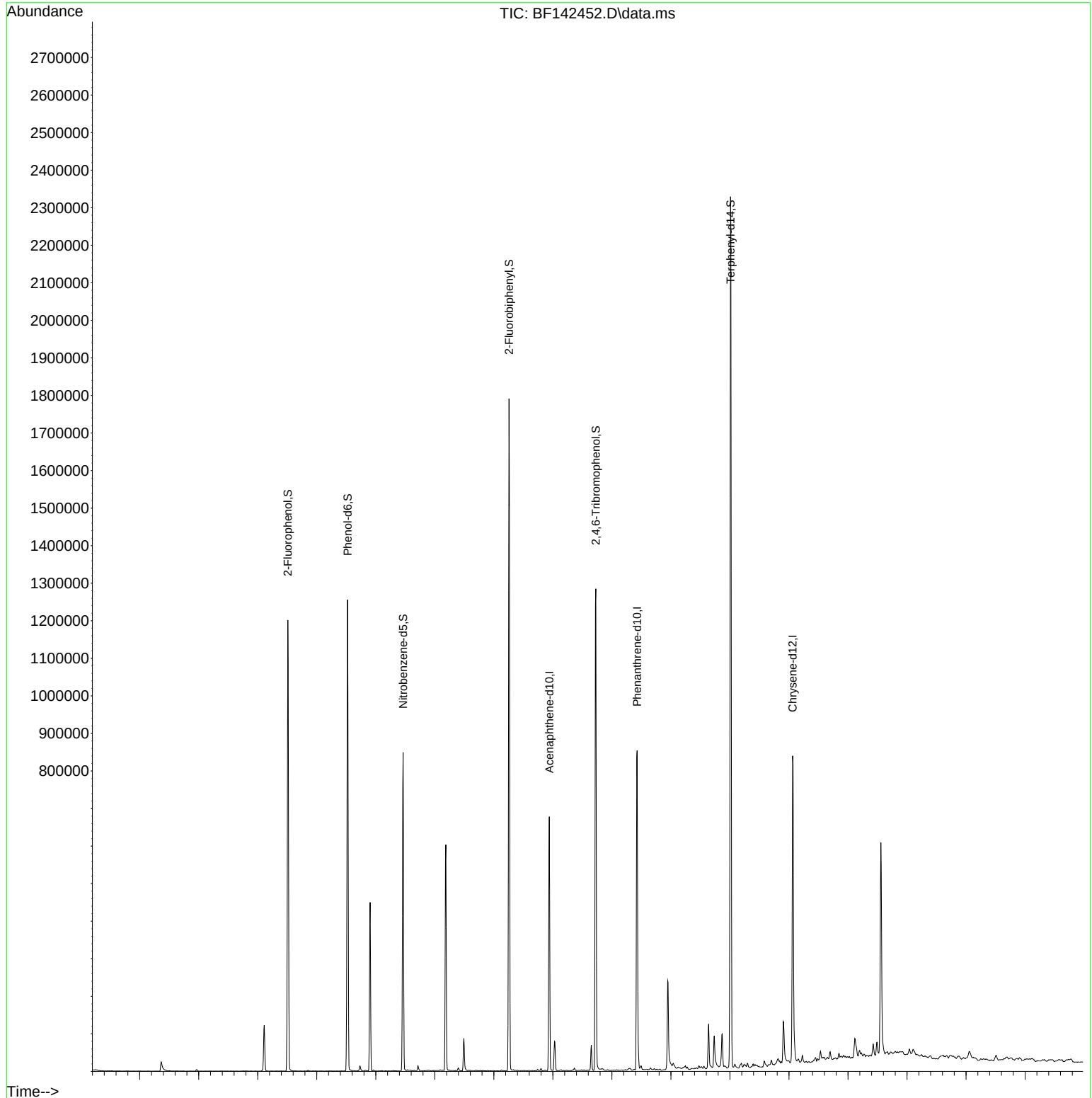
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	94777	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	380390	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	199778	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	454883	20.000	ng	0.00
76) Chrysene-d12	14.063	240	392802	20.000	ng	0.00
86) Perylene-d12	15.557	264	333865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	460874	83.010	ng	0.00
7) Phenol-d6	6.522	99	572425	83.828	ng	0.00
23) Nitrobenzene-d5	7.463	82	342914	54.979	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	239500	124.169	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	779292	55.620	ng	0.00
79) Terphenyl-d14	13.010	244	1171087	44.127	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.639	202	63865	2.679	ng	98

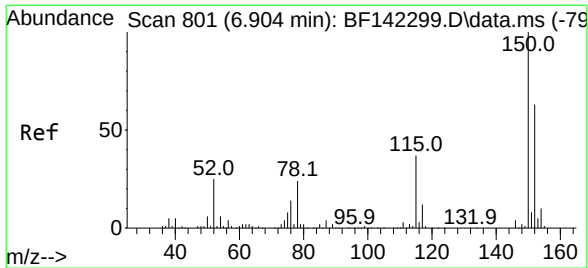
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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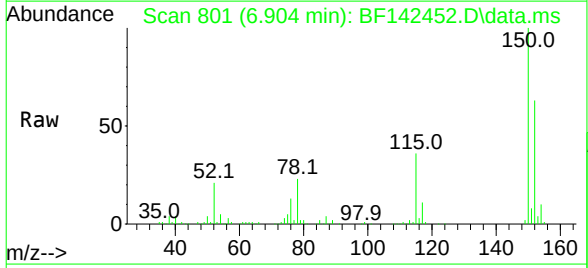
Quant Time: May 19 15:53:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration



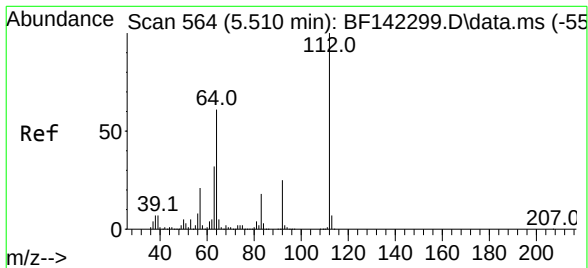
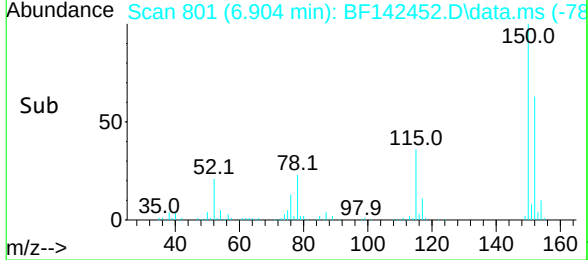
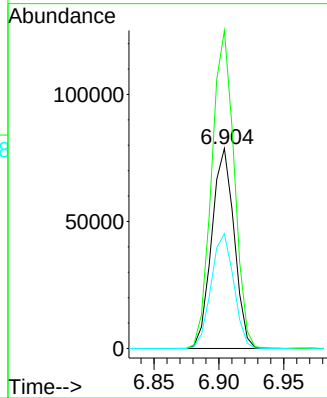


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142452.D
Acq: 19 May 2025 15:33

Instrument :
BNA_F
ClientSampleId :
MH-L

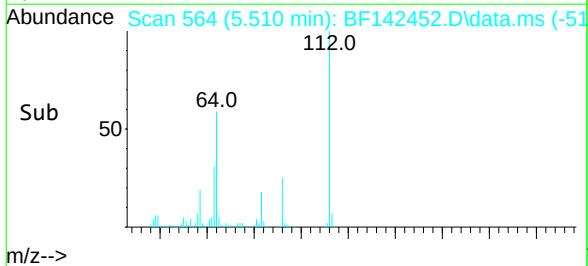
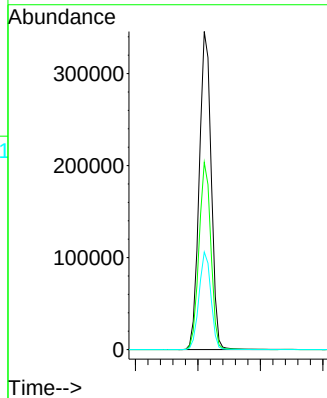
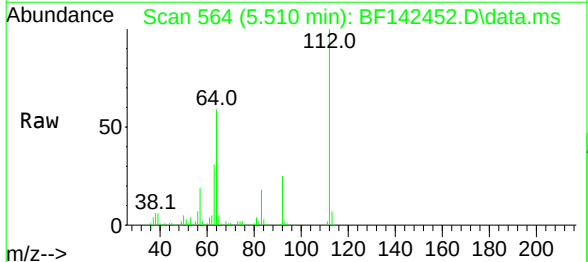


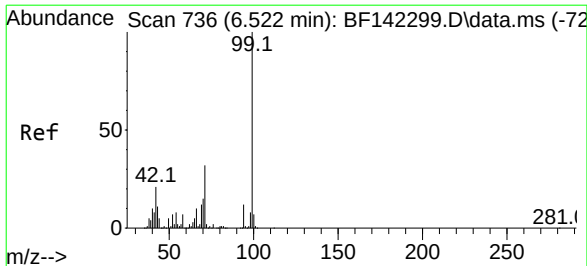
Tgt Ion:152 Resp: 94777
Ion Ratio Lower Upper
152 100
150 159.0 126.6 190.0
115 57.4 47.3 70.9



#5
2-Fluorophenol
Concen: 83.010 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF142452.D
Acq: 19 May 2025 15:33

Tgt Ion:112 Resp: 460874
Ion Ratio Lower Upper
112 100
64 58.8 48.9 73.3
63 30.7 25.6 38.4

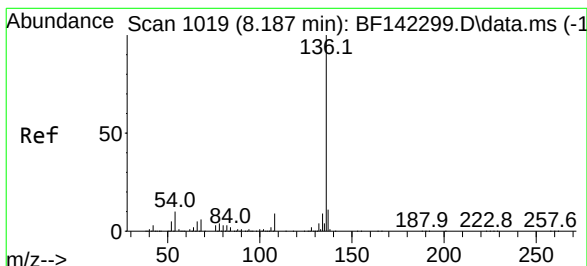
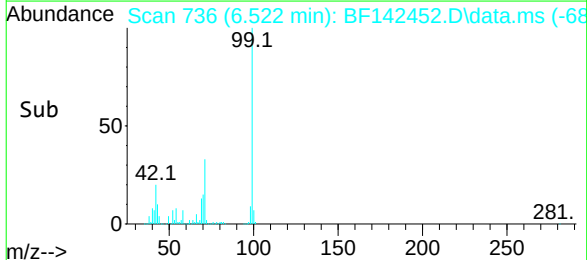
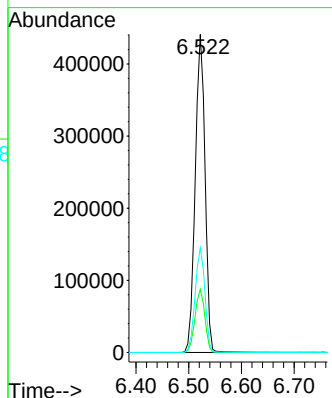
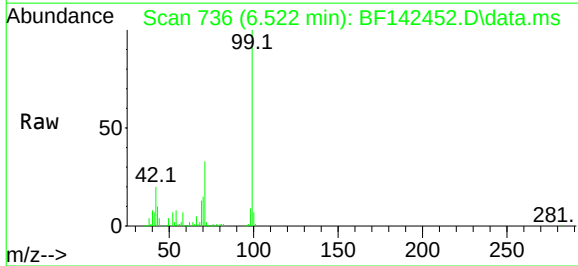




#7
Phenol-d6
Concen: 83.828 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF142452.D
Acq: 19 May 2025 15:33

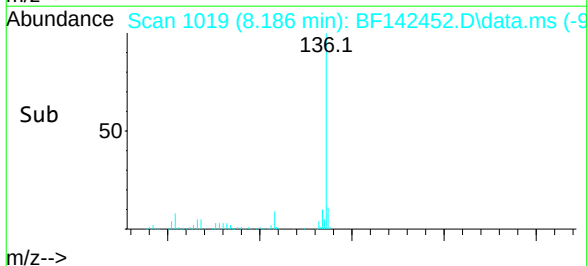
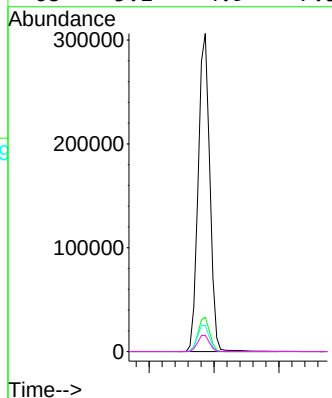
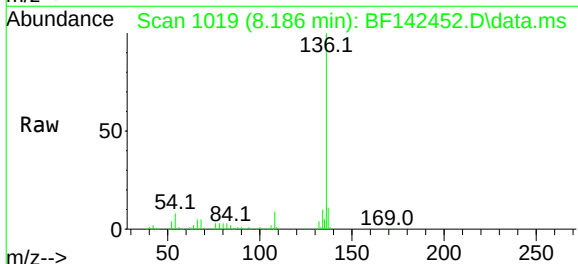
Instrument :
BNA_F
ClientSampleId :
MH-L

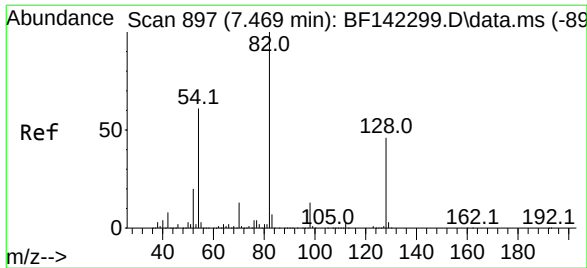
Tgt Ion: 99 Resp: 572425
Ion Ratio Lower Upper
99 100
42 19.8 17.0 25.4
71 32.9 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142452.D
Acq: 19 May 2025 15:33

Tgt Ion: 136 Resp: 380390
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.2 7.7 11.5
68 5.1 4.9 7.3

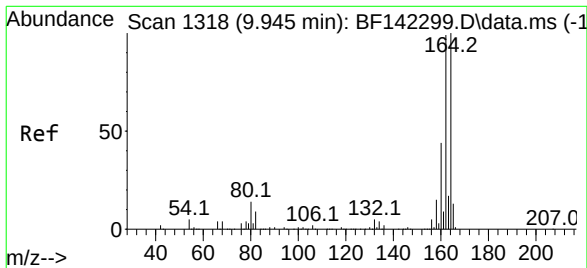
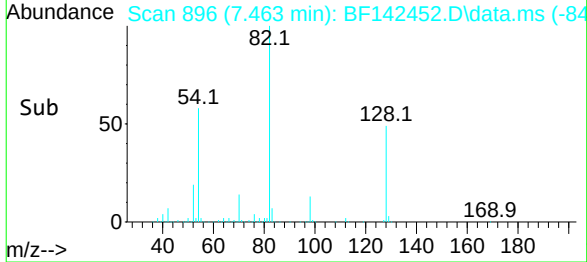
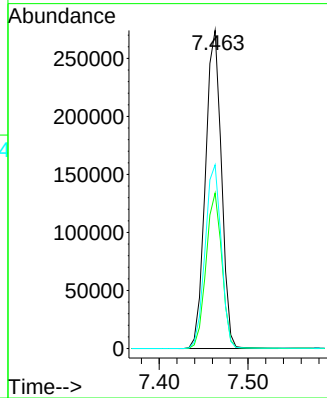
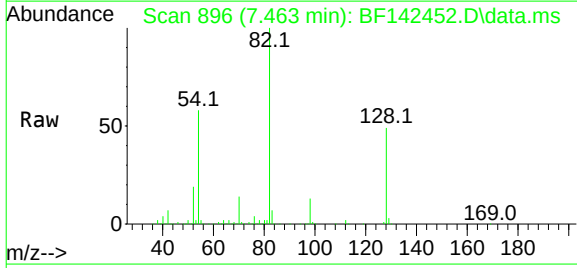




#23
 Nitrobenzene-d5
 Concen: 54.979 ng
 RT: 7.463 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: BF142452.D
 Acq: 19 May 2025 15:33

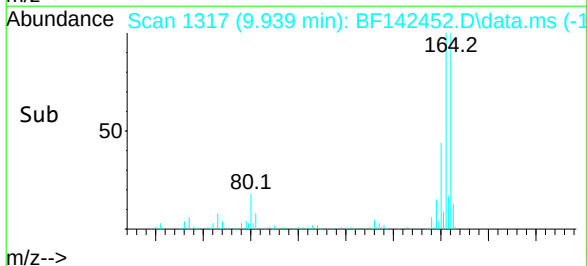
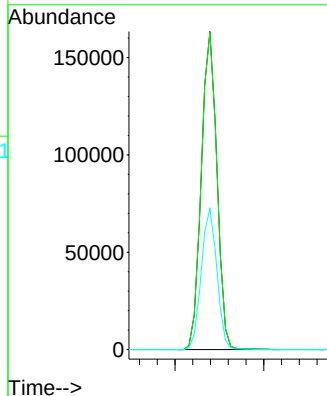
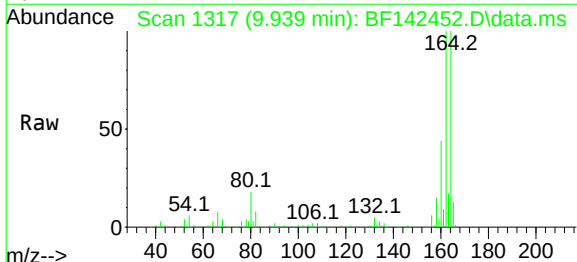
Instrument :
 BNA_F
 ClientSampleId :
 MH-L

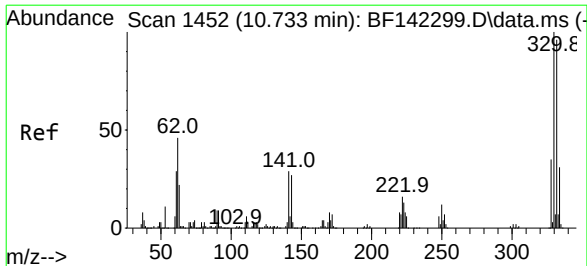
Tgt Ion: 82 Resp: 342914
 Ion Ratio Lower Upper
 82 100
 128 48.9 37.0 55.6
 54 57.7 48.6 73.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.939 min Scan# 1317
 Delta R.T. -0.006 min
 Lab File: BF142452.D
 Acq: 19 May 2025 15:33

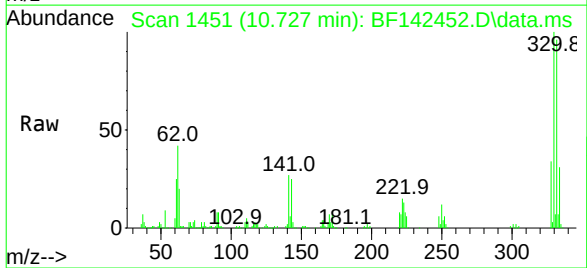
Tgt Ion: 164 Resp: 199778
 Ion Ratio Lower Upper
 164 100
 162 99.7 79.2 118.8
 160 44.3 35.3 52.9



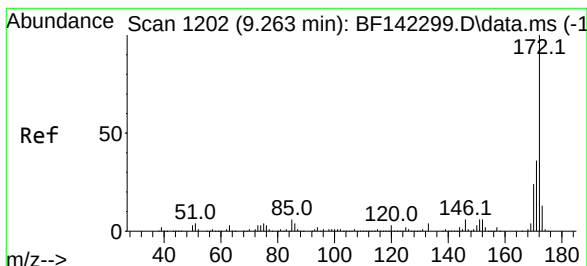
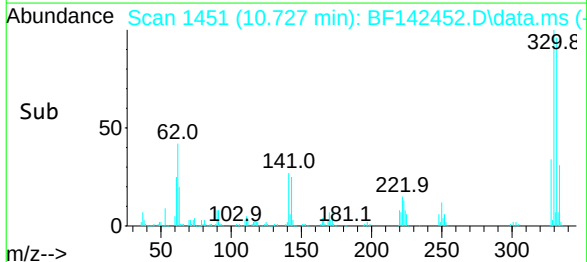
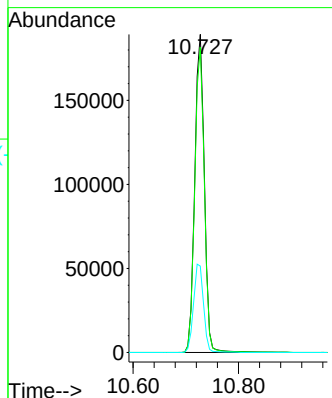


#42
2,4,6-Tribromophenol
Concen: 124.169 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142452.D
Acq: 19 May 2025 15:33

Instrument :
BNA_F
ClientSampleId :
MH-L

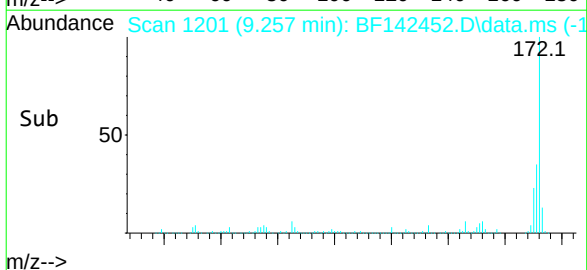
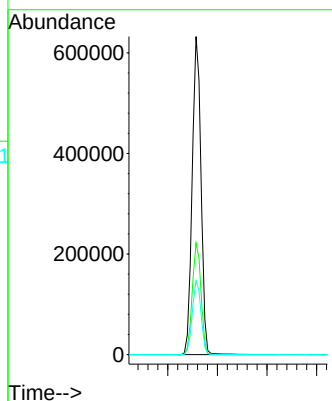
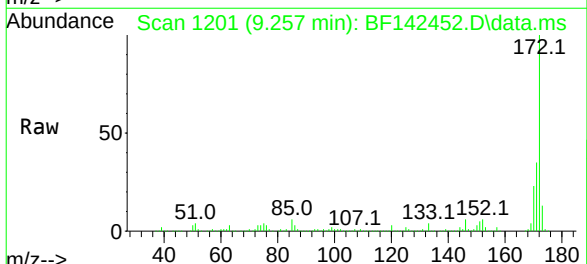


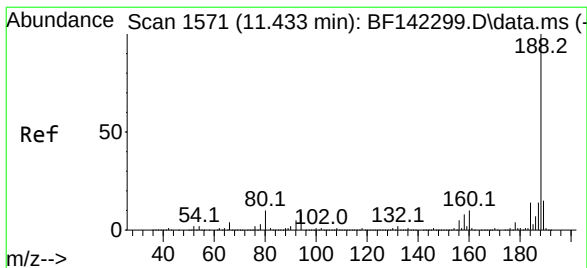
Tgt Ion: 330 Resp: 239500
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 29.0 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 55.620 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142452.D
Acq: 19 May 2025 15:33

Tgt Ion: 172 Resp: 779292
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BF142452.D

Acq: 19 May 2025 15:33

Instrument :

BNA_F

ClientSampleId :

MH-L

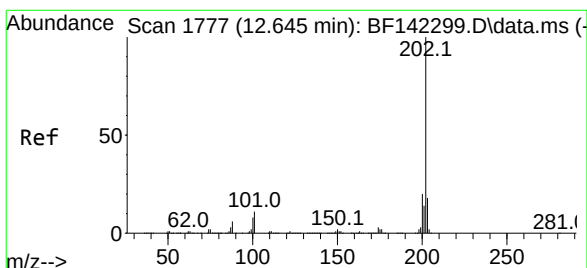
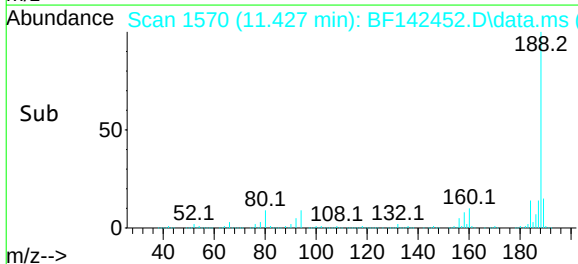
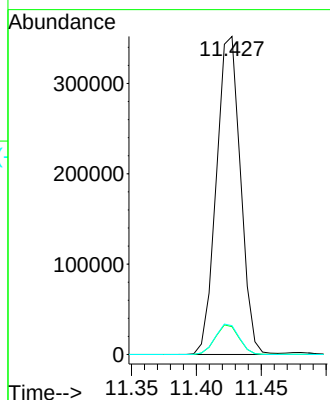
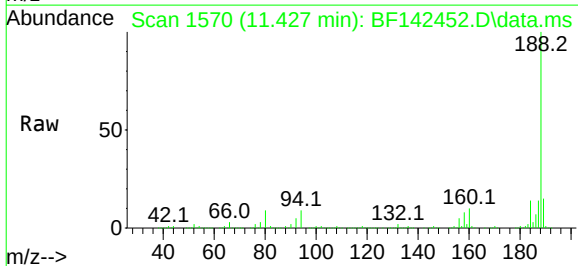
Tgt Ion:188 Resp: 454883

Ion Ratio Lower Upper

188 100

94 8.7 7.5 11.3

80 9.1 7.9 11.9



#75

Fluoranthene

Concen: 2.679 ng

RT: 12.639 min Scan# 1776

Delta R.T. -0.006 min

Lab File: BF142452.D

Acq: 19 May 2025 15:33

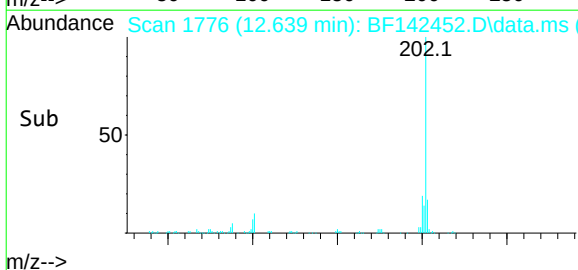
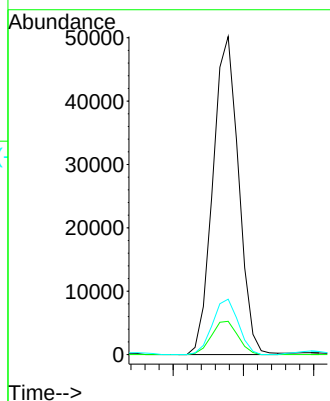
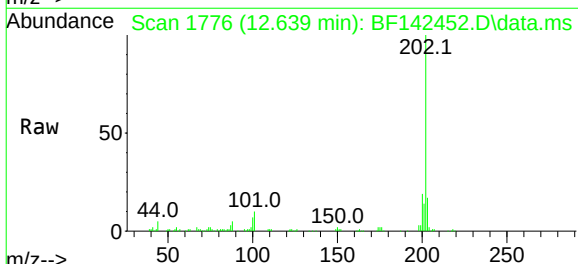
Tgt Ion:202 Resp: 63865

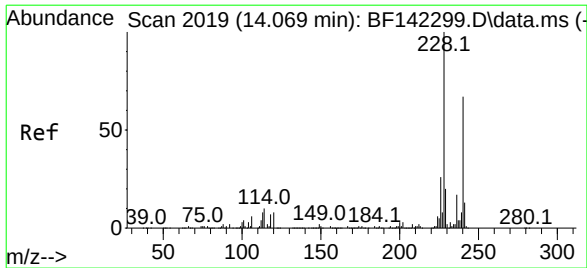
Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.4

203 17.4 0.0 37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF142452.D

Acq: 19 May 2025 15:33

Instrument :

BNA_F

ClientSampleId :

MH-L

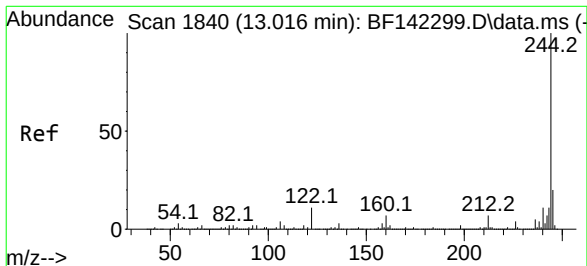
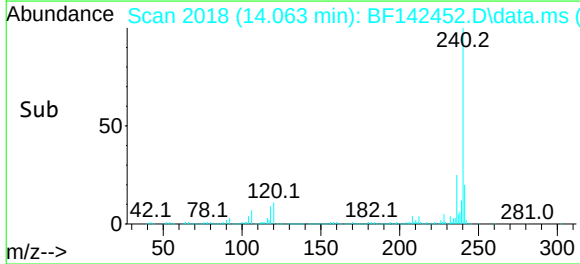
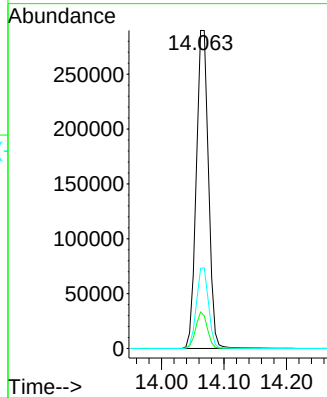
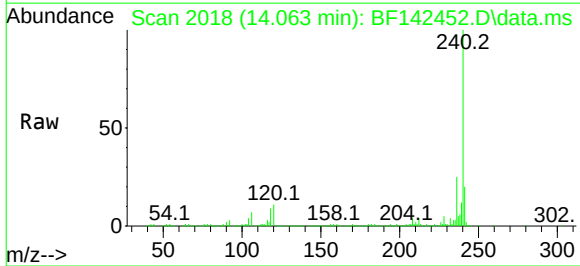
Tgt Ion:240 Resp: 392802

Ion Ratio Lower Upper

240 100

120 11.5 9.7 14.5

236 25.2 20.0 30.0



#79

Terphenyl-d14

Concen: 44.127 ng

RT: 13.010 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF142452.D

Acq: 19 May 2025 15:33

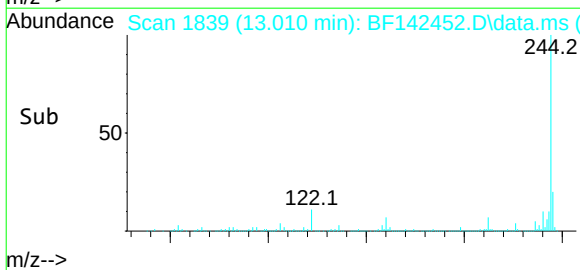
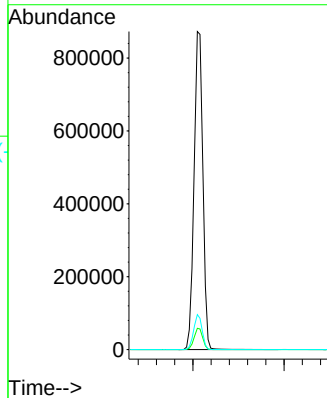
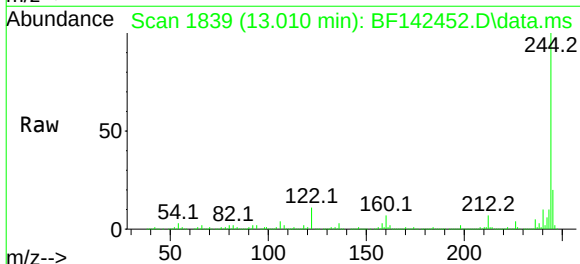
Tgt Ion:244 Resp: 1171087

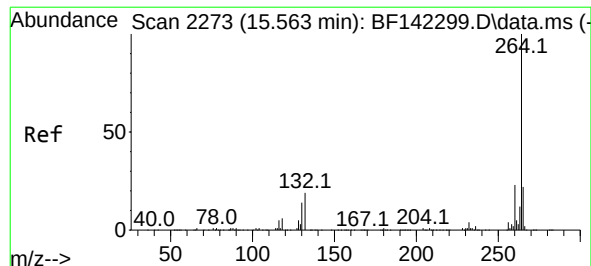
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 11.0 9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 22

Delta R.T. -0.006 min

Lab File: BF142452.D

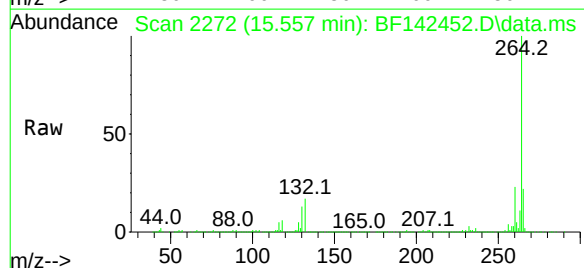
Acq: 19 May 2025 15:33

Instrument :

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ClientSampleId :

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Tgt Ion:	264	Resp:	333865
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.6	27.8
265	21.6	17.5	26.3

