

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142593.D
 Acq On : 02 Jun 2025 12:57
 Operator : RC/JU
 Sample : PB168190TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168190TB

Quant Time: Jun 02 13:20:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	125334	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	485126	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	270958	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	506551	20.000	ng	0.00
76) Chrysene-d12	14.068	240	326941	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	264975	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	894032	120.177	ng	0.00
7) Phenol-d6	6.522	99	1086252	121.299	ng	-0.01
23) Nitrobenzene-d5	7.457	82	670272	75.339	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	373111	124.069	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1447234	71.671	ng	-0.01
79) Terphenyl-d14	13.015	244	1661227	69.436	ng	0.00

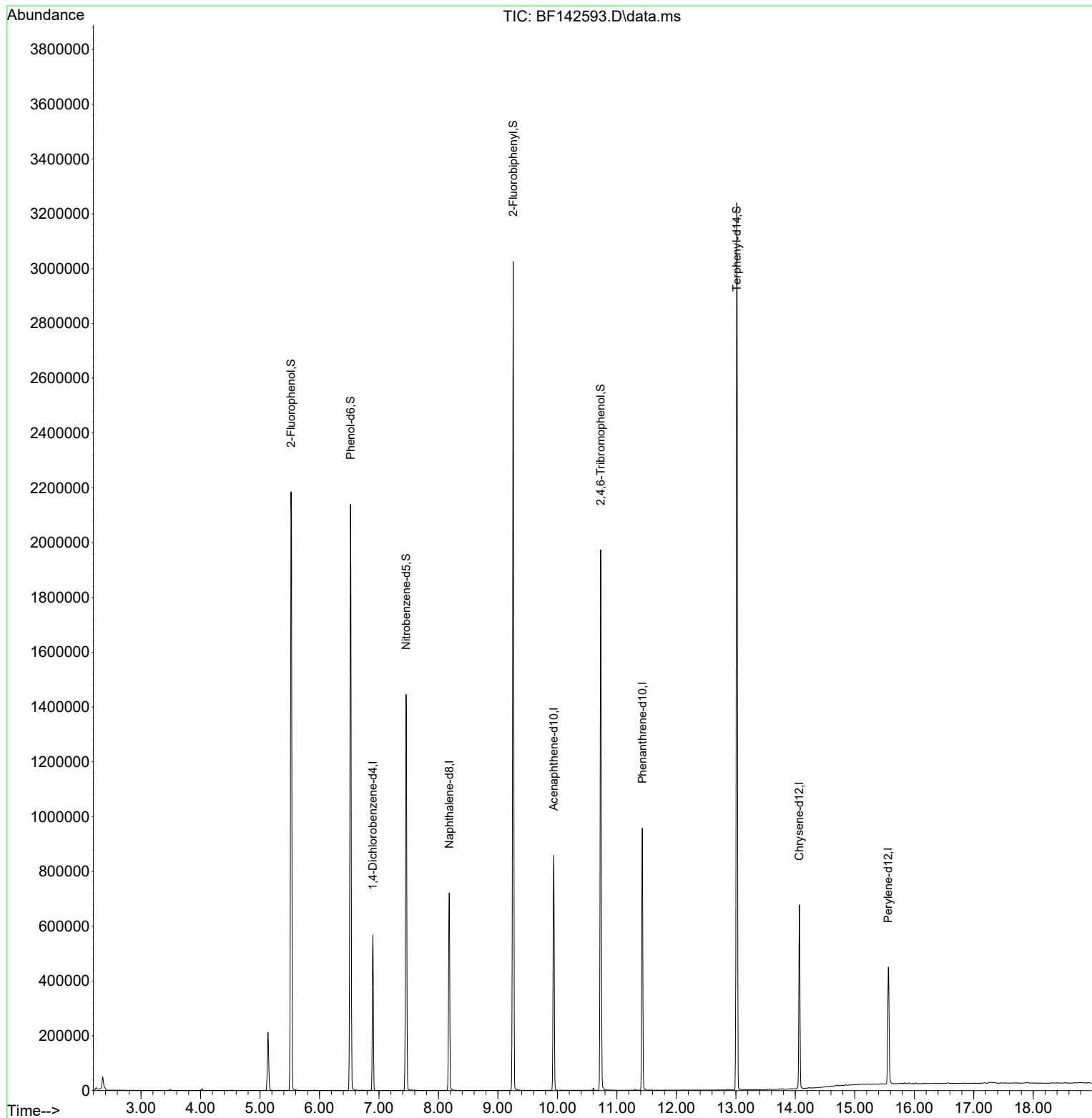
Target Compounds	Qvalue

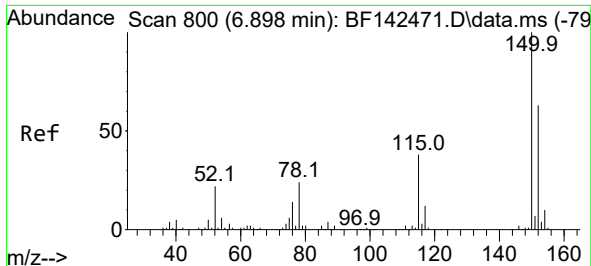
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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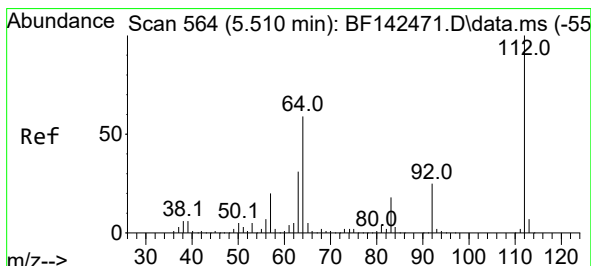
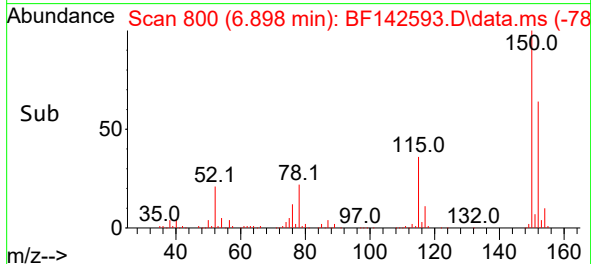
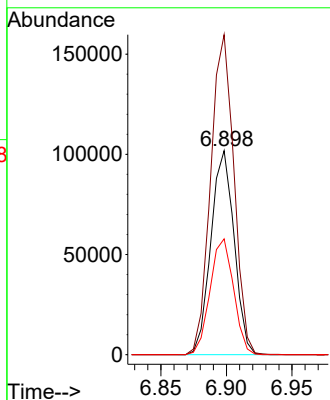
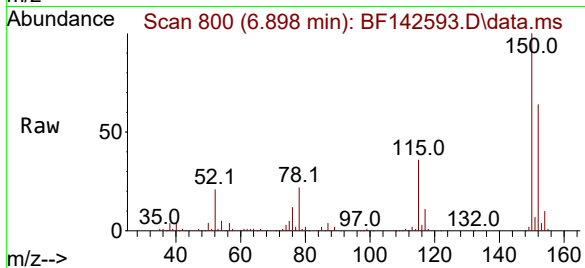




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142593.D
Acq: 02 Jun 2025 12:57

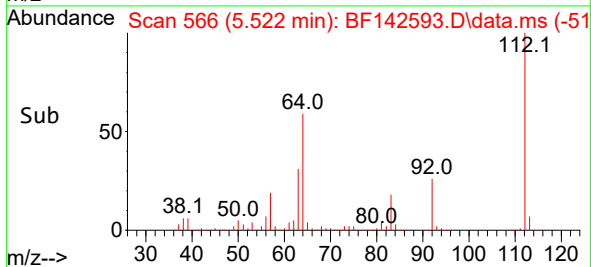
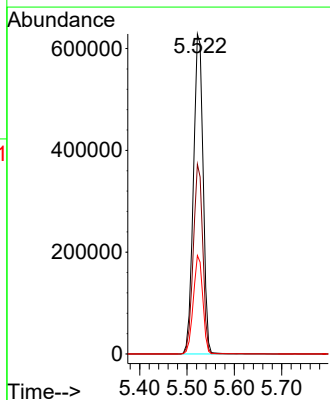
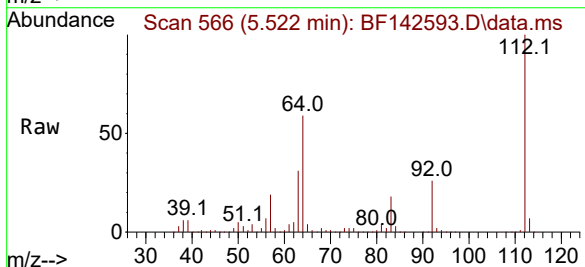
Instrument :
BNA_F
ClientSampleId :
PB168190TB

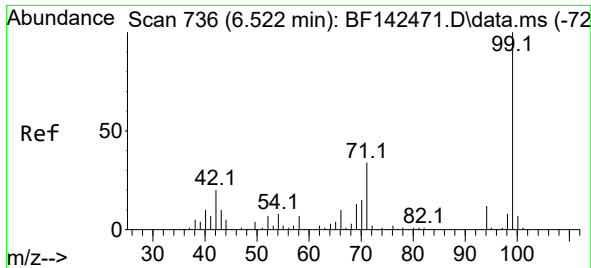
Tgt Ion:152 Resp: 125334
Ion Ratio Lower Upper
152 100
150 156.9 128.2 192.4
115 56.8 48.3 72.5



#5
2-Fluorophenol
Concen: 120.177 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142593.D
Acq: 02 Jun 2025 12:57

Tgt Ion:112 Resp: 894032
Ion Ratio Lower Upper
112 100
64 59.3 47.5 71.3
63 30.8 24.9 37.3



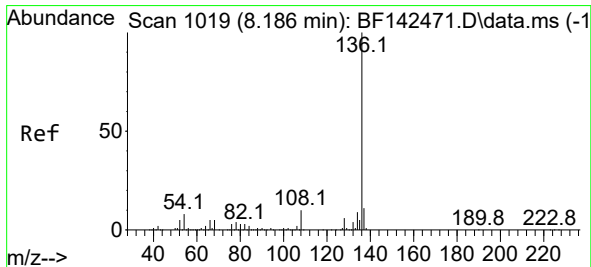
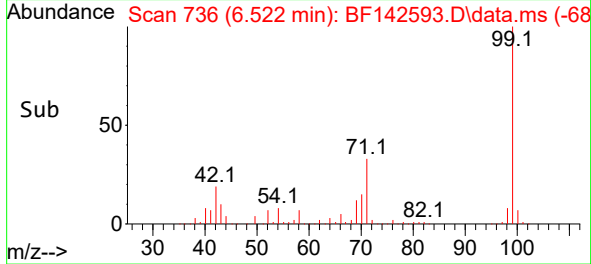
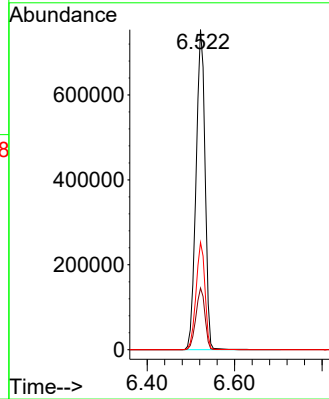
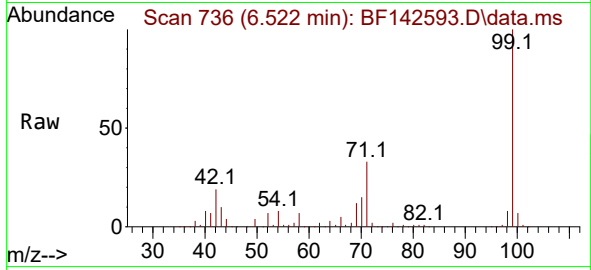


#7
Phenol-d6
Concen: 121.299 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142593.D
Acq: 02 Jun 2025 12:57

Instrument :
BNA_F
ClientSampleId :
PB168190TB

Tgt Ion: 99 Resp: 1086252

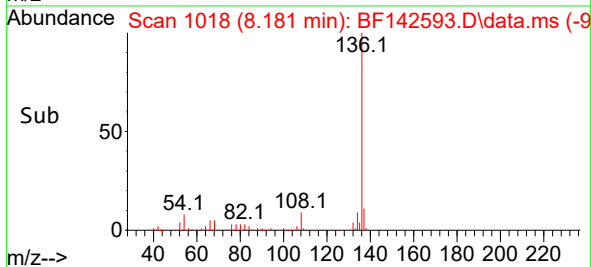
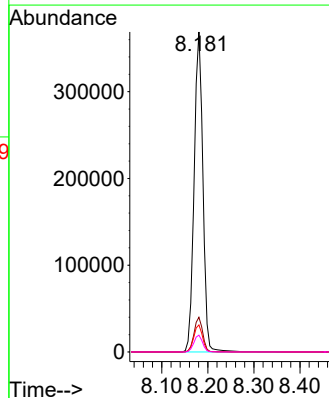
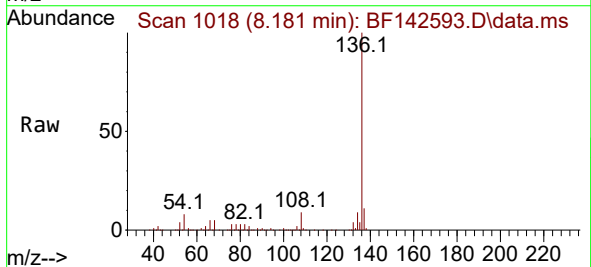
Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.2	24.2
71	33.5	27.3	40.9

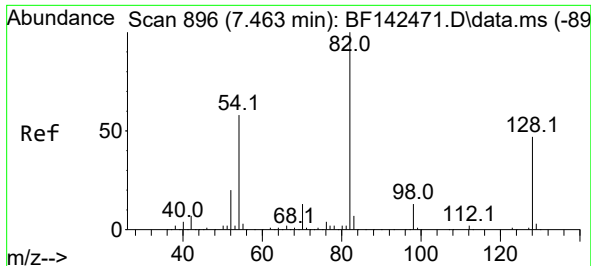


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142593.D
Acq: 02 Jun 2025 12:57

Tgt Ion:136 Resp: 485126

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.4	6.6	10.0
68	5.3	4.1	6.1





#23

Nitrobenzene-d5

Concen: 75.339 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF142593.D

Acq: 02 Jun 2025 12:57

Instrument :

BNA_F

ClientSampleId :

PB168190TB

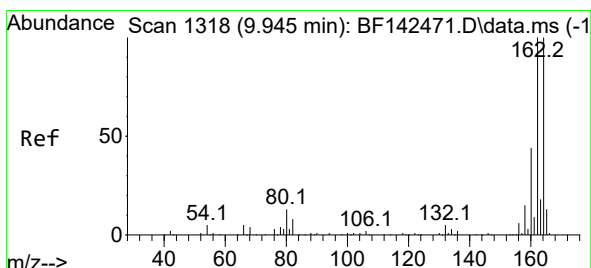
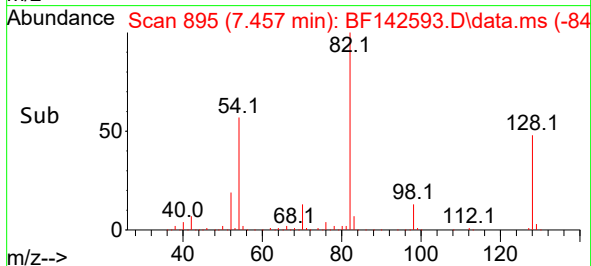
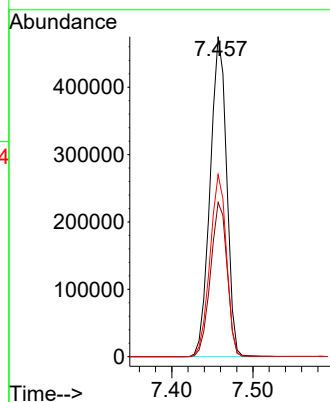
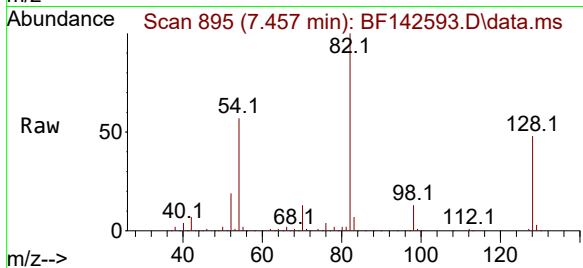
Tgt Ion: 82 Resp: 670272

Ion Ratio Lower Upper

82 100

128 48.2 37.4 56.2

54 56.9 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF142593.D

Acq: 02 Jun 2025 12:57

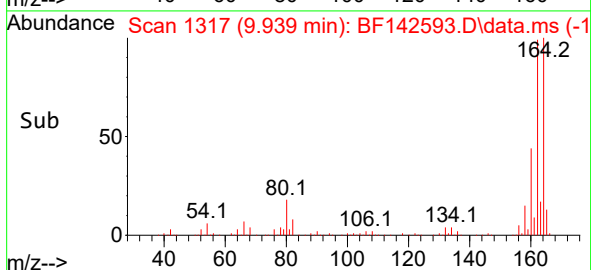
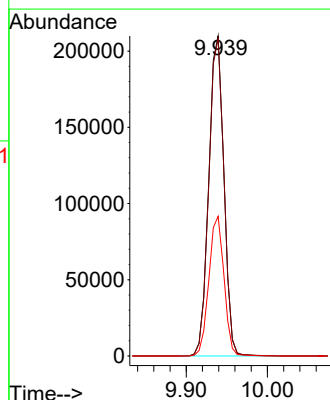
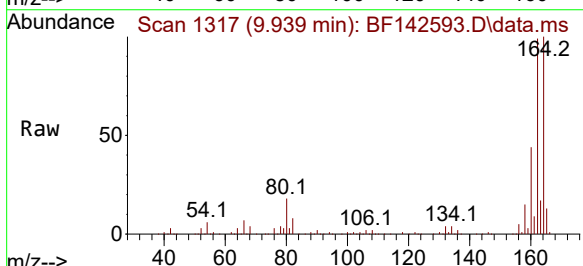
Tgt Ion:164 Resp: 270958

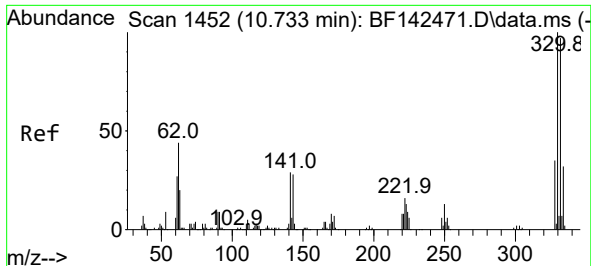
Ion Ratio Lower Upper

164 100

162 99.2 80.2 120.4

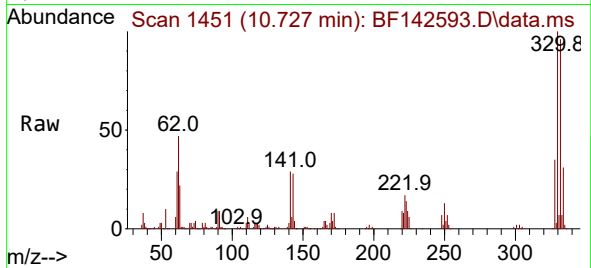
160 43.7 35.6 53.4



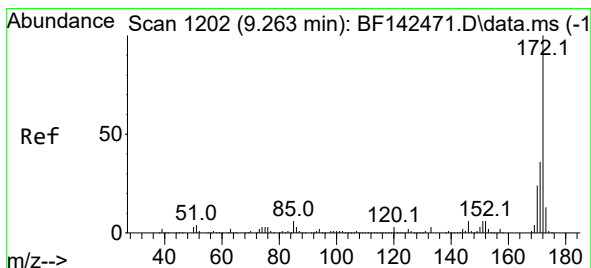
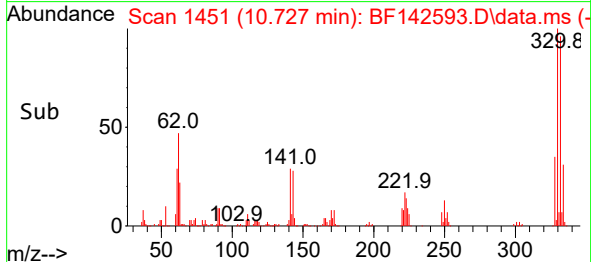
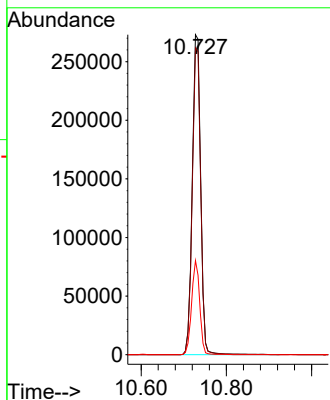


#42
2,4,6-Tribromophenol
Concen: 124.069 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142593.D
Acq: 02 Jun 2025 12:57

Instrument :
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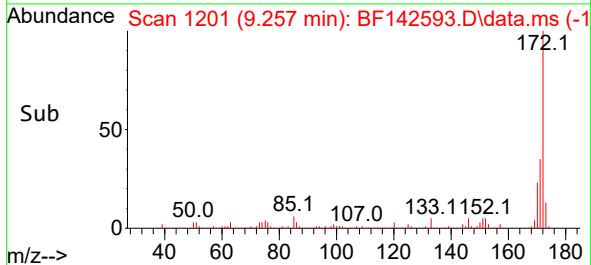
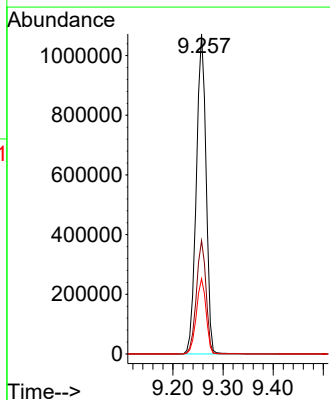
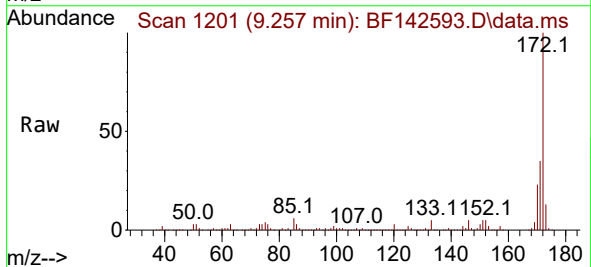


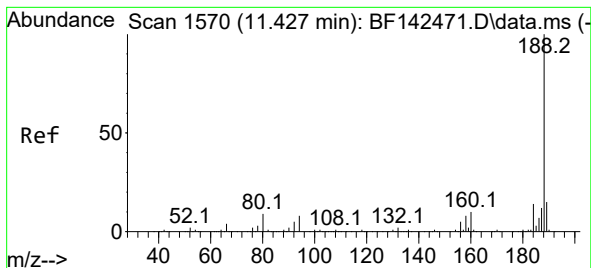
Tgt Ion:330 Resp: 373111
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 28.4 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 71.671 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142593.D
Acq: 02 Jun 2025 12:57

Tgt Ion:172 Resp: 1447234
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142593.D

Acq: 02 Jun 2025 12:57

Instrument :

BNA_F

ClientSampleId :

PB168190TB

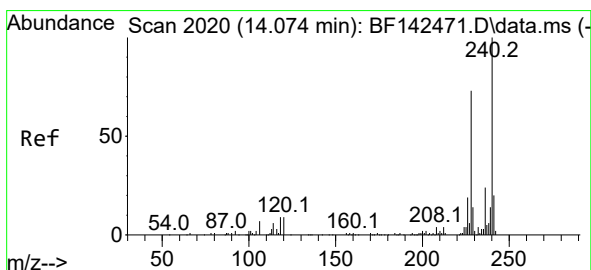
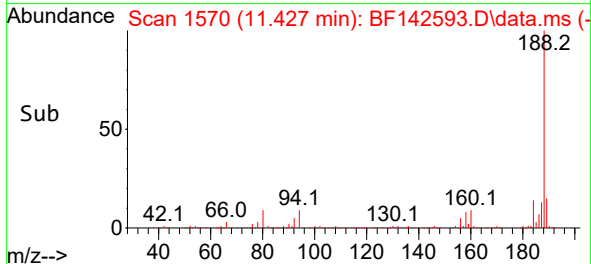
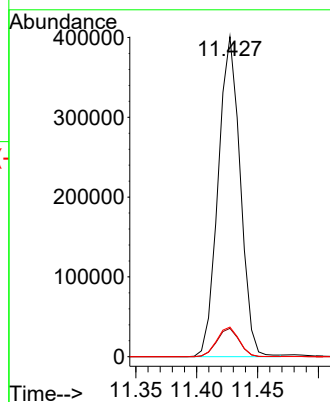
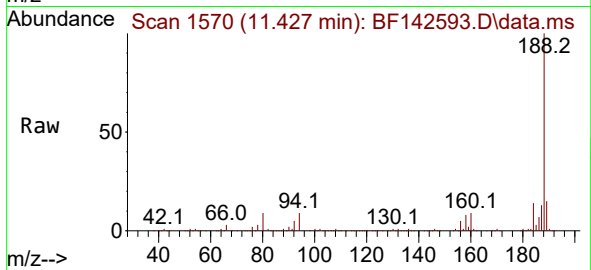
Tgt Ion:188 Resp: 506551

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.2 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142593.D

Acq: 02 Jun 2025 12:57

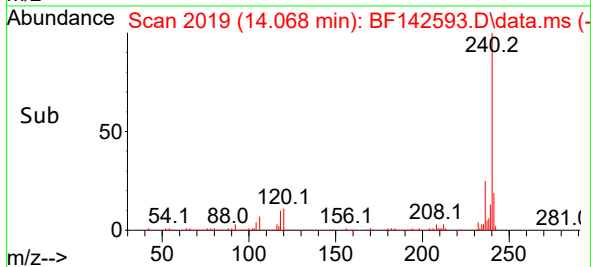
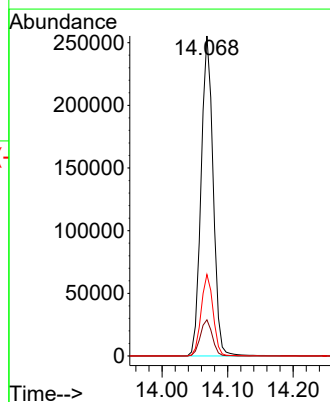
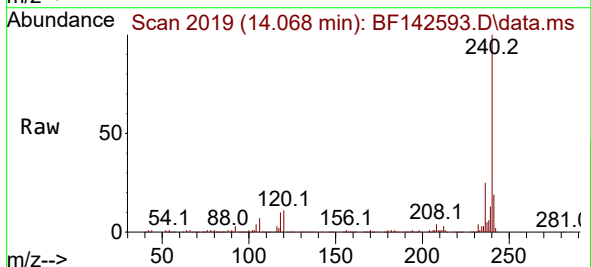
Tgt Ion:240 Resp: 326941

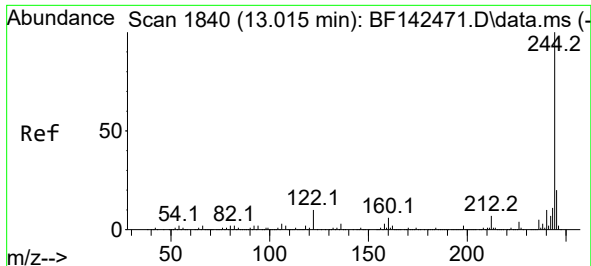
Ion Ratio Lower Upper

240 100

120 11.3 7.5 11.3#

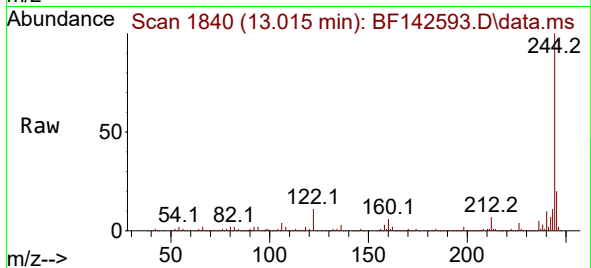
236 25.4 19.6 29.4



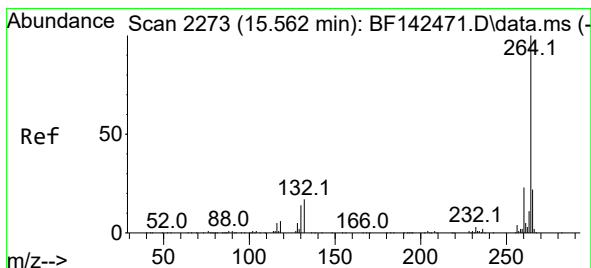
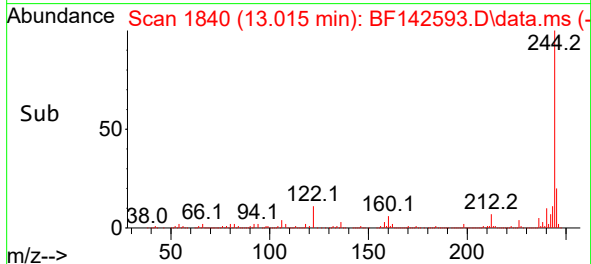
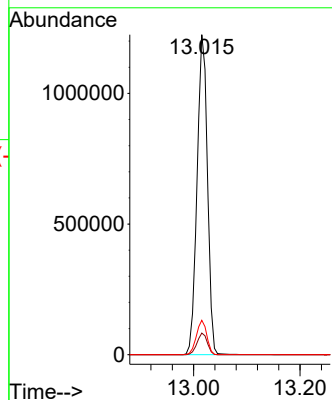


#79
Terphenyl-d14
Concen: 69.436 ng
RT: 13.015 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF142593.D
Acq: 02 Jun 2025 12:57

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 1661227
Ion Ratio Lower Upper
244 100
212 6.7 5.3 7.9
122 10.7 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142593.D
Acq: 02 Jun 2025 12:57

Tgt Ion:264 Resp: 264975
Ion Ratio Lower Upper
264 100
260 22.7 18.6 28.0
265 21.4 17.7 26.5

