

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
 Data File : BF142621.D
 Acq On : 04 Jun 2025 22:16
 Operator : RC/JU
 Sample : Q2185-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP01-MHB-WC

Quant Time: Jun 05 01:28:39 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	117319	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	413896	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	172644	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	235511	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	269165	20.000	ng	-0.01
86) Perylene-d12	15.557	264	220382	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	756089	108.578	ng	0.01
7) Phenol-d6	6.522	99	796486	95.018	ng	-0.01
23) Nitrobenzene-d5	7.457	82	593394	78.177	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	196448	102.523	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	1103726	85.786	ng	-0.02
79) Terphenyl-d14	13.010	244	936798	47.561	ng	0.00

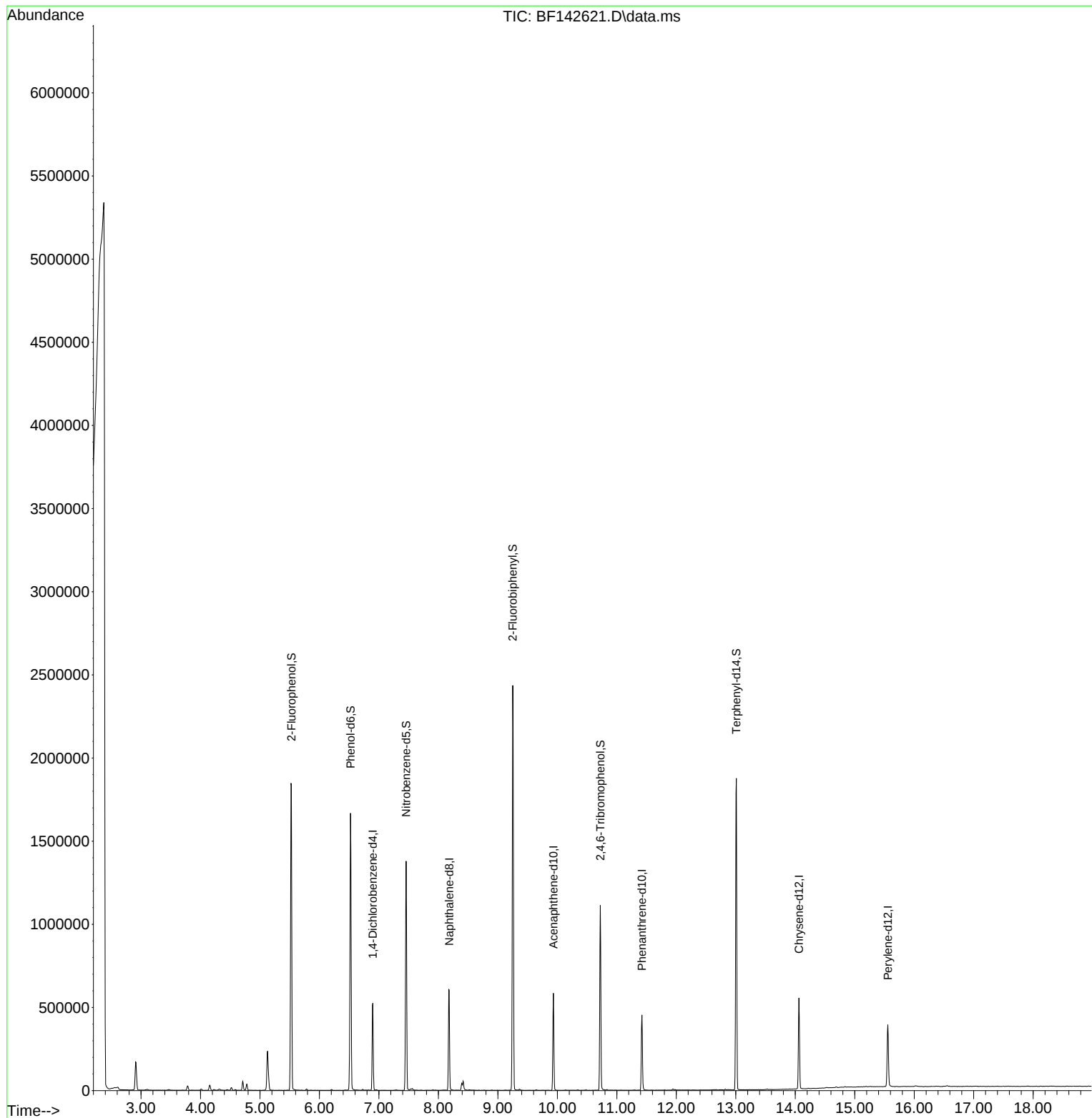
Target Compounds	Qvalue

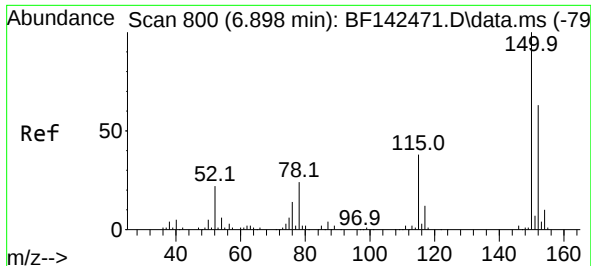
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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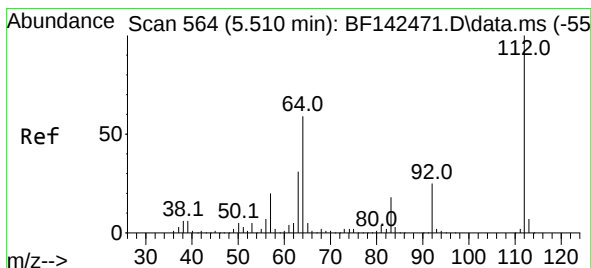
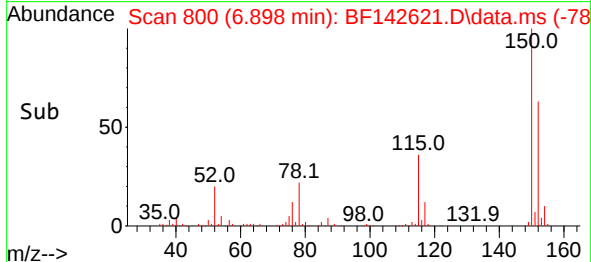
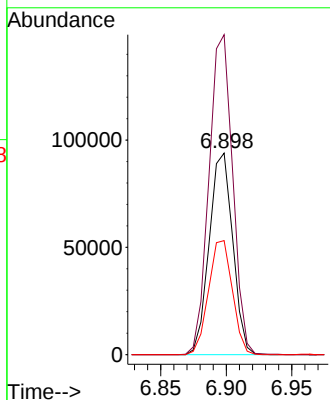
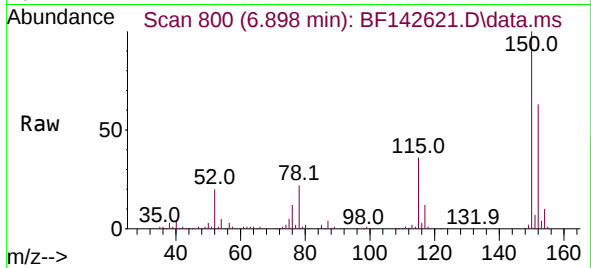




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142621.D
Acq: 04 Jun 2025 22:16

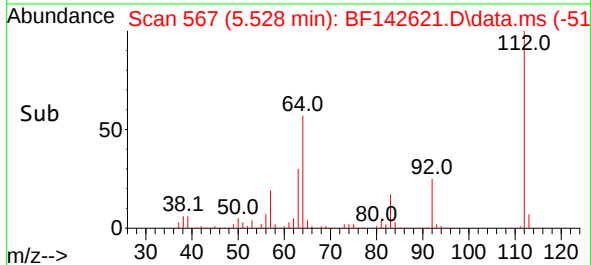
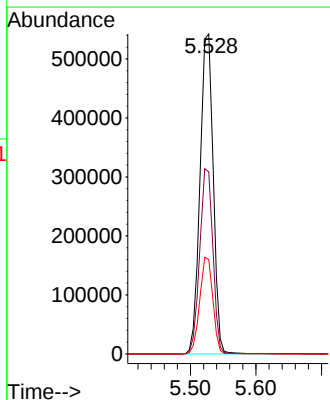
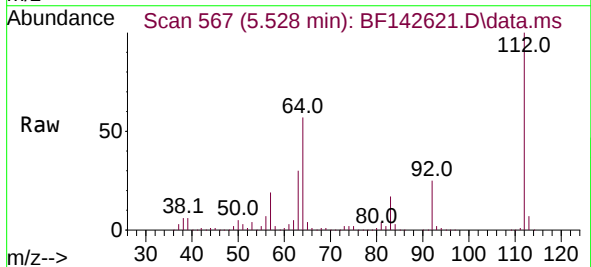
Instrument :
BNA_F
ClientSampleId :
TP01-MHB-WC

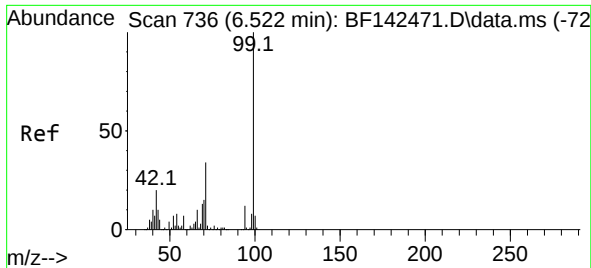
Tgt Ion:152 Resp: 117319
Ion Ratio Lower Upper
152 100
150 158.8 128.2 192.4
115 56.6 48.3 72.5



#5
2-Fluorophenol
Concen: 108.578 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142621.D
Acq: 04 Jun 2025 22:16

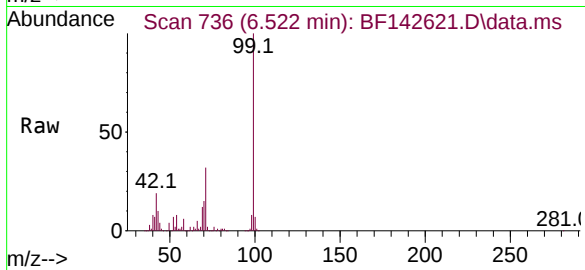
Tgt Ion:112 Resp: 756089
Ion Ratio Lower Upper
112 100
64 56.9 47.5 71.3
63 29.5 24.9 37.3



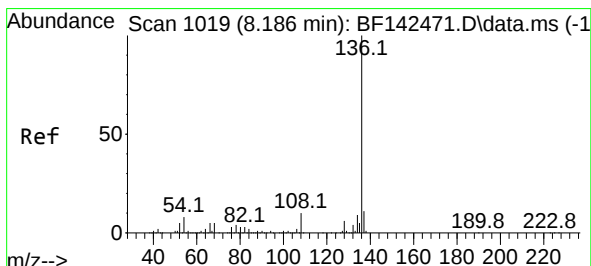
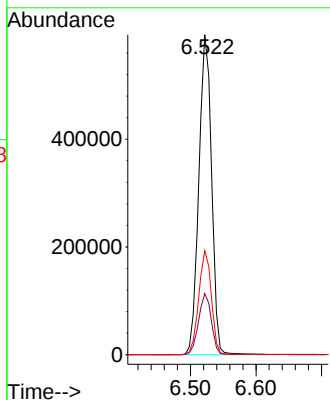
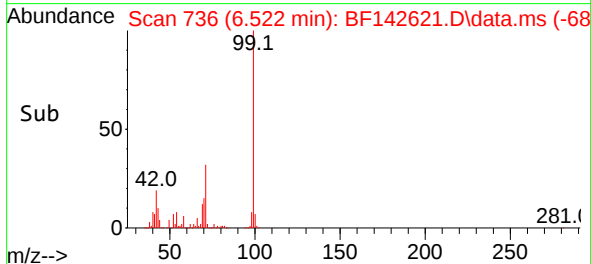


#7
Phenol-d6
Concen: 95.018 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF142621.D
Acq: 04 Jun 2025 22:16

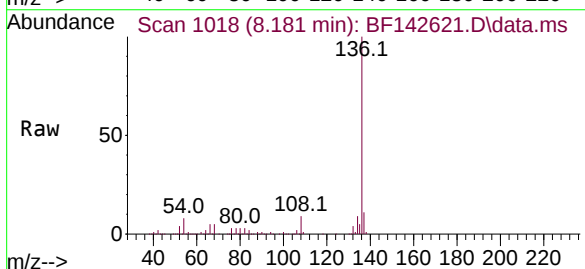
Instrument :
BNA_F
ClientSampleId :
TP01-MHB-WC



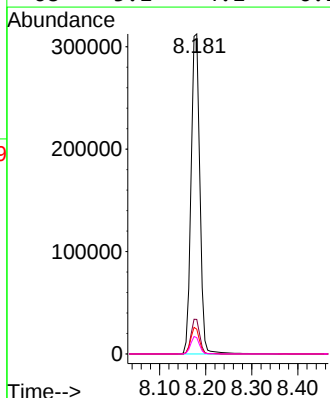
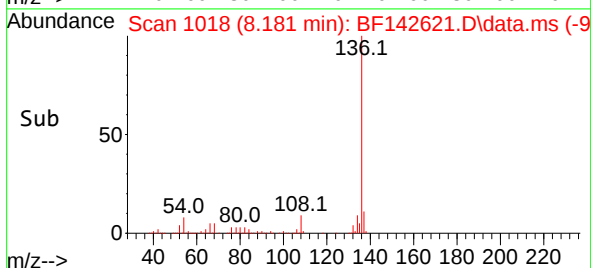
Tgt Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.2	24.2
71	32.5	27.3	40.9

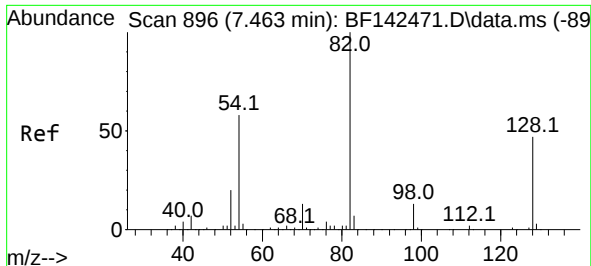


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142621.D
Acq: 04 Jun 2025 22:16



Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.7	6.6	10.0
68	5.1	4.1	6.1

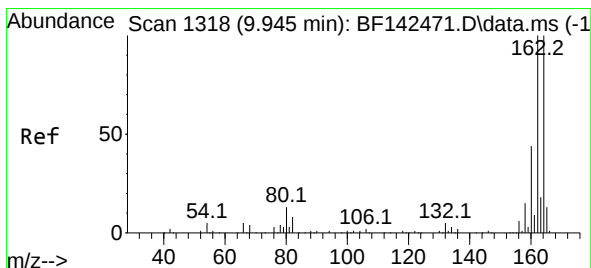
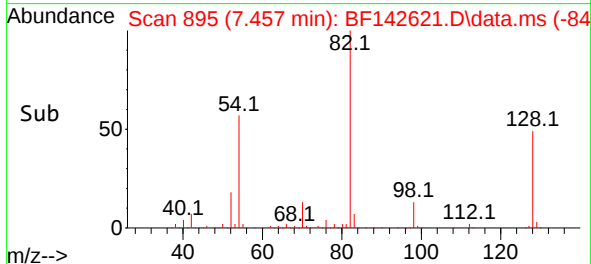
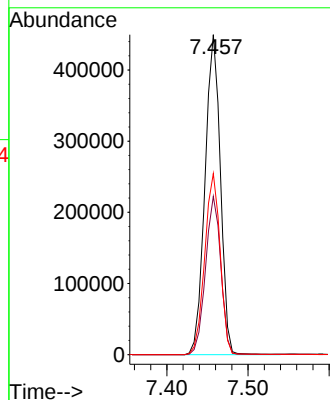
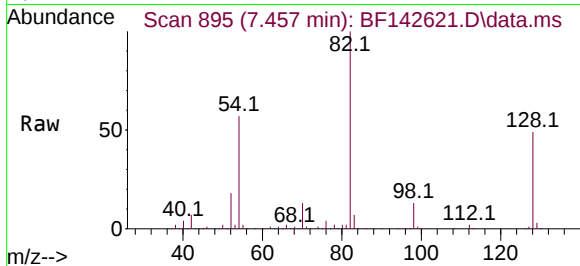




#23
Nitrobenzene-d5
Concen: 78.177 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF142621.D
Acq: 04 Jun 2025 22:16

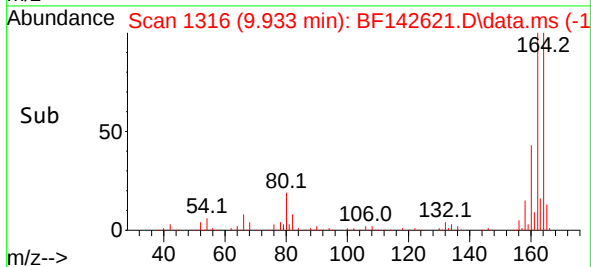
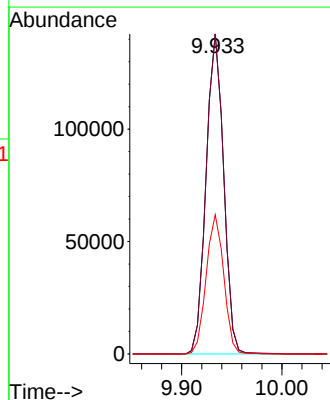
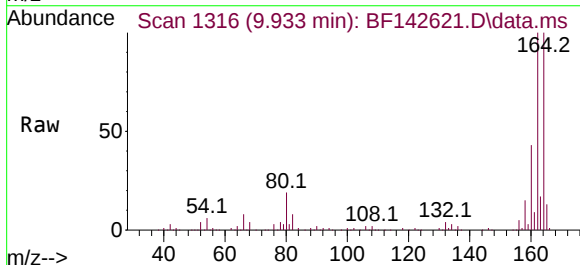
Instrument :
BNA_F
ClientSampleId :
TP01-MHB-WC

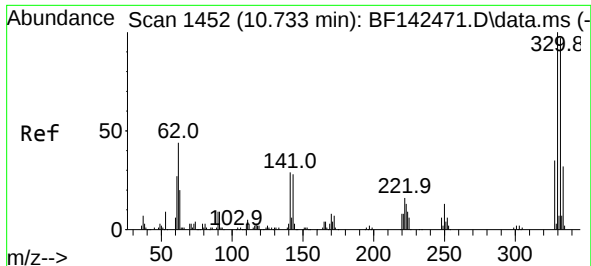
Tgt Ion: 82 Resp: 593394
Ion Ratio Lower Upper
82 100
128 49.4 37.4 56.2
54 56.6 46.6 70.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142621.D
Acq: 04 Jun 2025 22:16

Tgt Ion:164 Resp: 172644
Ion Ratio Lower Upper
164 100
162 100.0 80.2 120.4
160 43.5 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 102.523 ng

RT: 10.722 min Scan# 1452

Delta R.T. -0.018 min

Lab File: BF142621.D

Acq: 04 Jun 2025 22:16

Instrument :

BNA_F

ClientSampleId :

TP01-MHB-WC

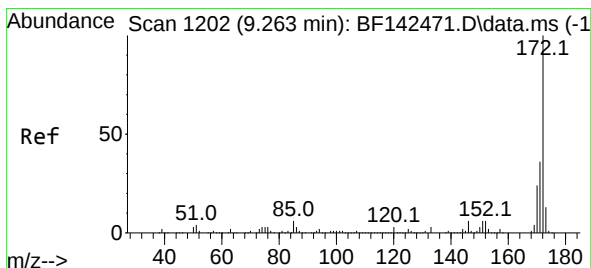
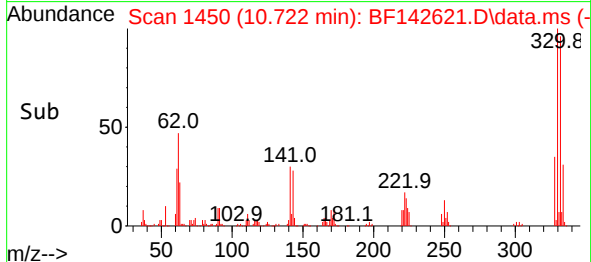
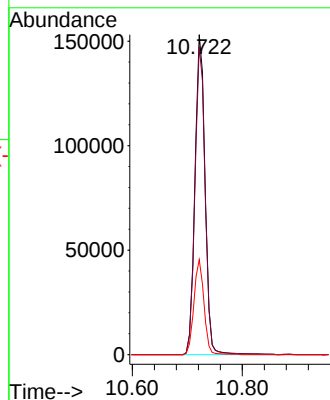
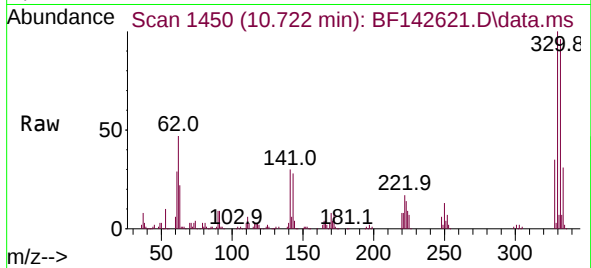
Tgt Ion:330 Resp: 196448

Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

141 29.4 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 85.786 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.018 min

Lab File: BF142621.D

Acq: 04 Jun 2025 22:16

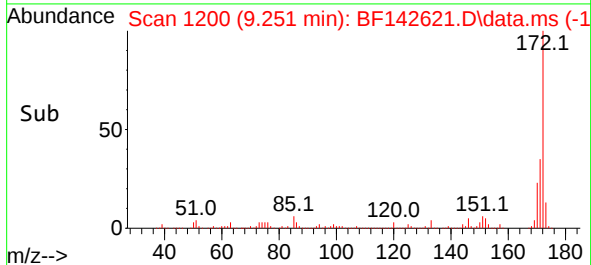
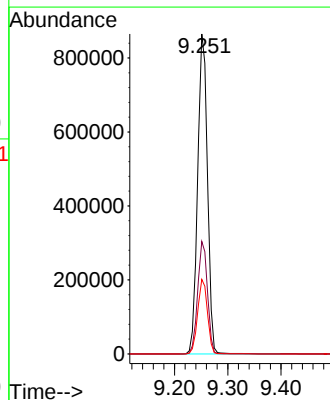
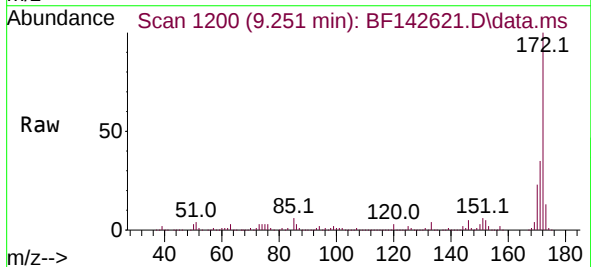
Tgt Ion:172 Resp: 1103726

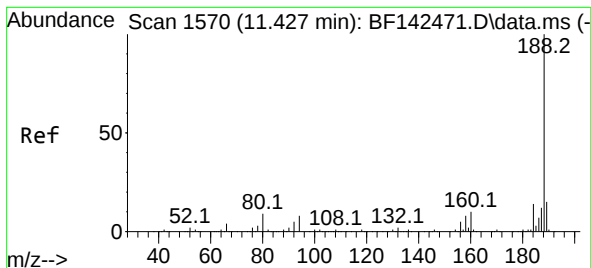
Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1569

Delta R.T. -0.012 min

Lab File: BF142621.D

Acq: 04 Jun 2025 22:16

Instrument :

BNA_F

ClientSampleId :

TP01-MHB-WC

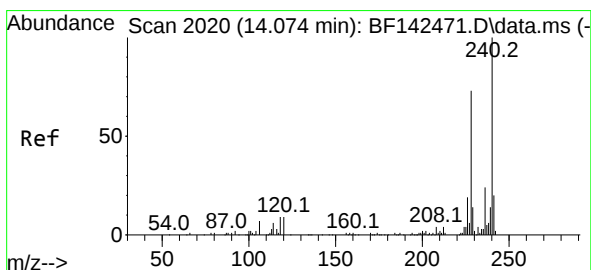
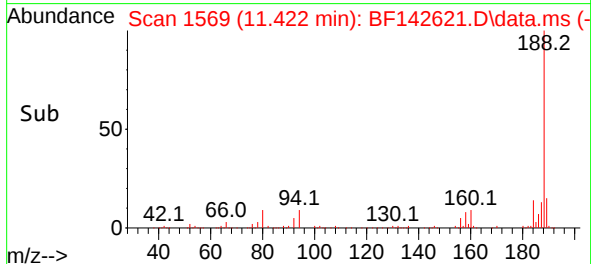
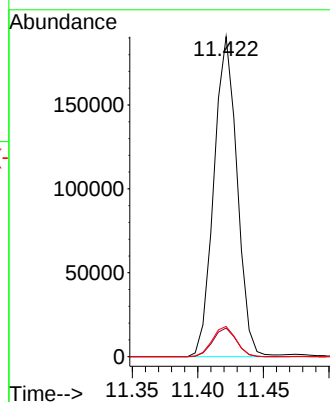
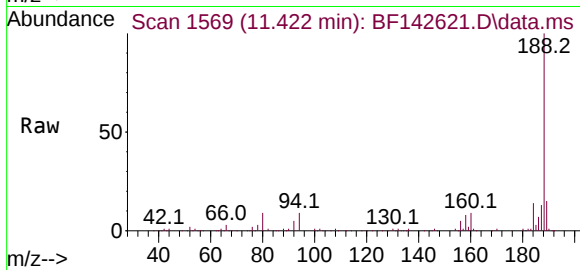
Tgt Ion:188 Resp: 235511

Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

80 9.4 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF142621.D

Acq: 04 Jun 2025 22:16

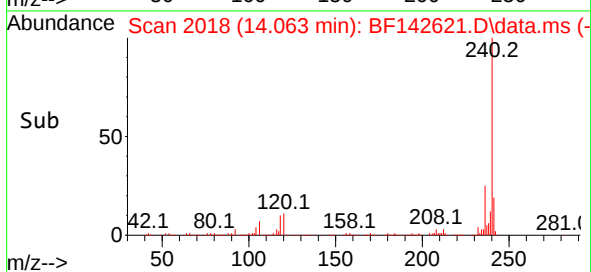
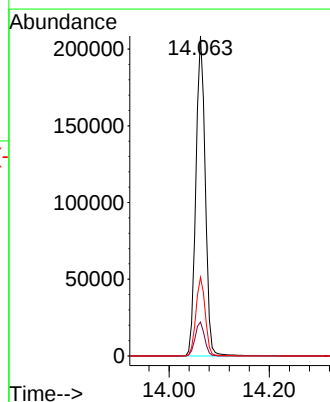
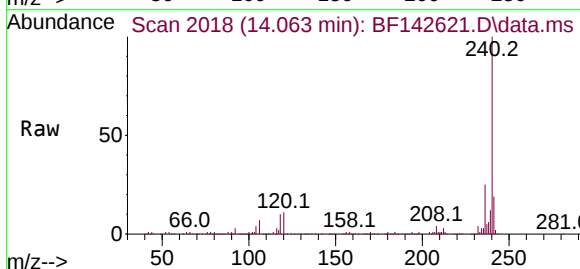
Tgt Ion:240 Resp: 269165

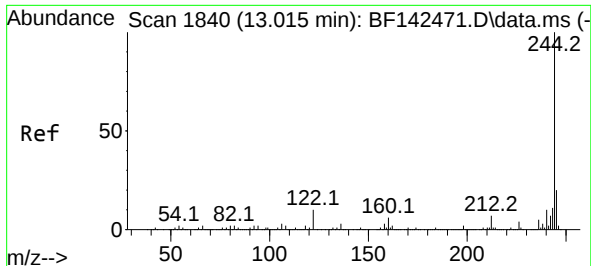
Ion Ratio Lower Upper

240 100

120 10.6 7.5 11.3

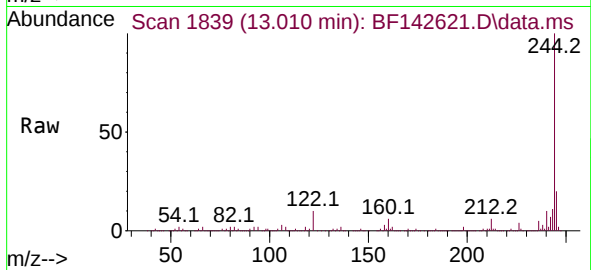
236 24.6 19.6 29.4



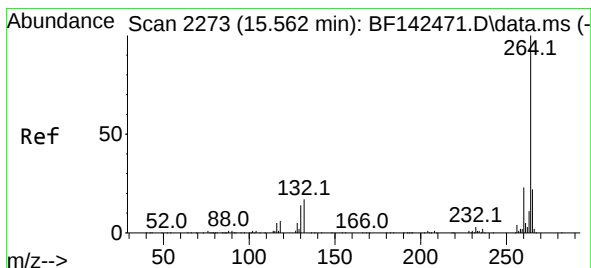
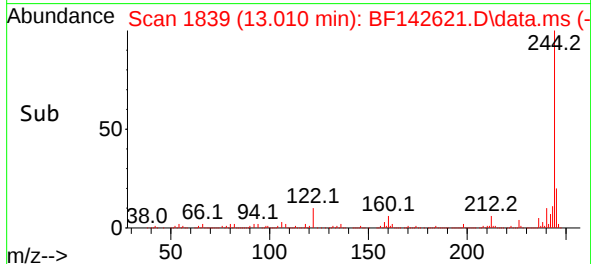
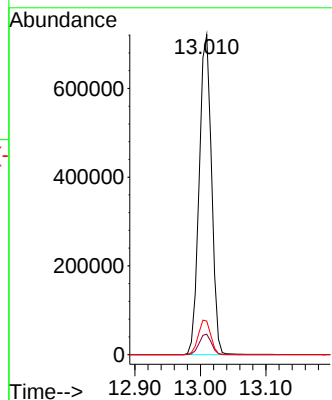


#79
Terphenyl-d14
Concen: 47.561 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142621.D
Acq: 04 Jun 2025 22:16

Instrument :
BNA_F
ClientSampleId :
TP01-MHB-WC



Tgt Ion:244 Resp: 936798
Ion Ratio Lower Upper
244 100
212 6.4 5.3 7.9
122 10.5 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF142621.D
Acq: 04 Jun 2025 22:16

Tgt Ion:264 Resp: 220382
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.6 17.7 26.5

