

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061025\
 Data File : BF142706.D
 Acq On : 10 Jun 2025 12:11
 Operator : RC/JU
 Sample : Q2266-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5

Quant Time: Jun 10 12:44:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 18:21:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	52468	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	192461	20.000	ng	-0.01
39) Acenaphthene-d10	9.934	164	105161	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	169008	20.000	ng	0.00
76) Chrysene-d12	14.063	240	105877	20.000	ng	-0.01
86) Perylene-d12	15.557	264	128246	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	400796	129.704	ng	0.00
7) Phenol-d6	6.516	99	479963	132.449	ng	-0.02
23) Nitrobenzene-d5	7.451	82	291831	83.331	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	146298	123.824	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	640637	83.312	ng	-0.01
79) Terphenyl-d14	13.010	244	554456	82.821	ng	0.00

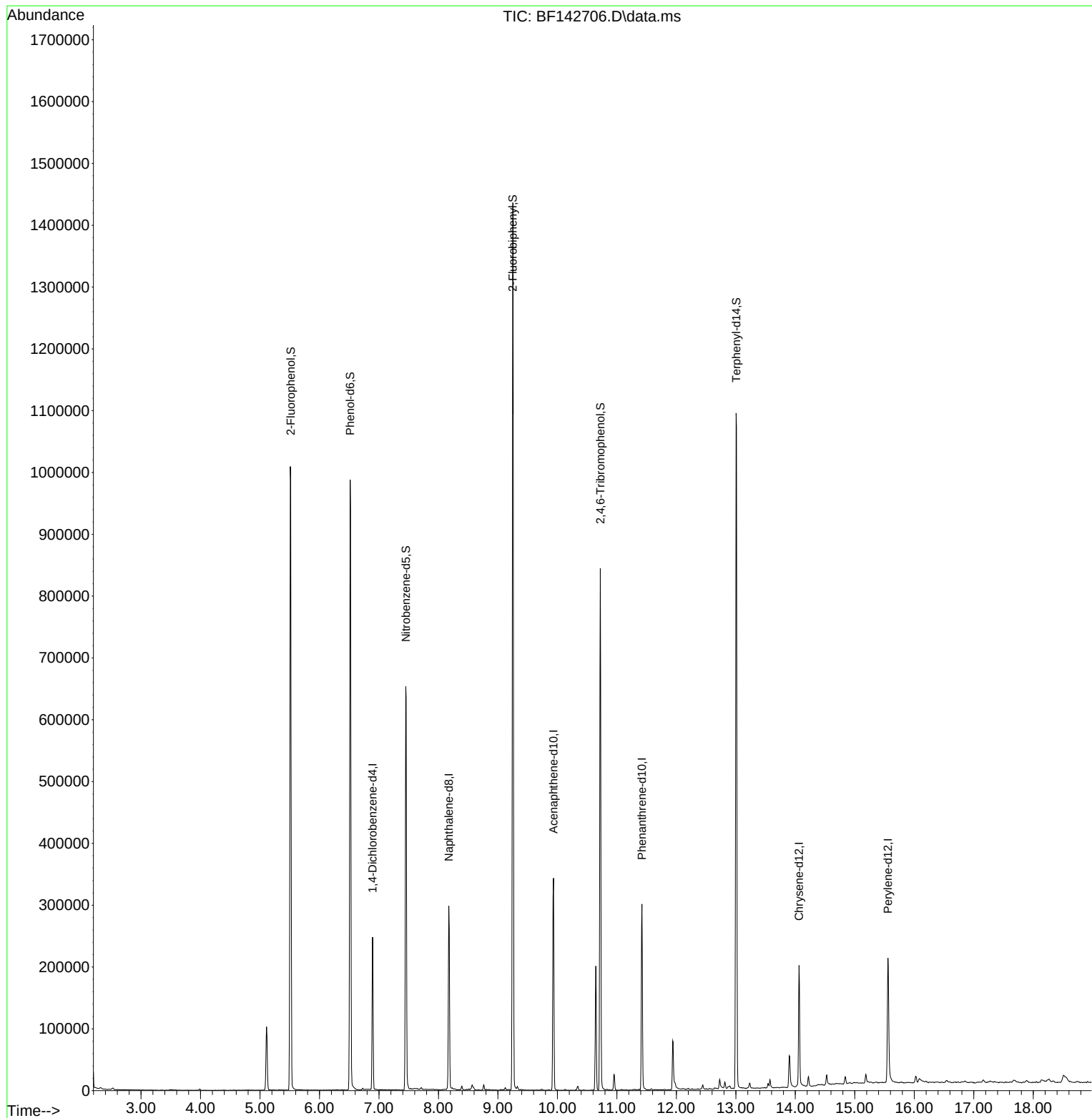
Target Compounds	Qvalue

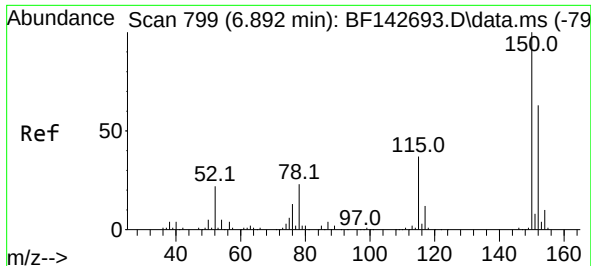
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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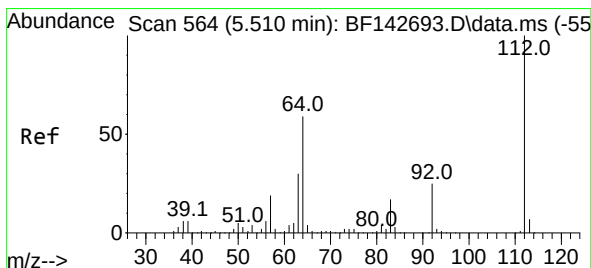
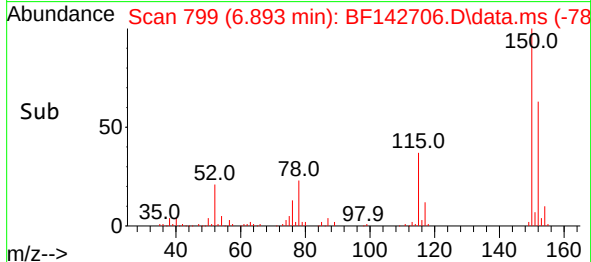
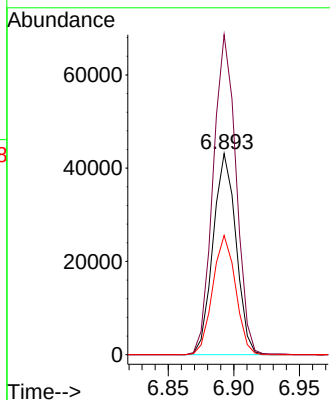
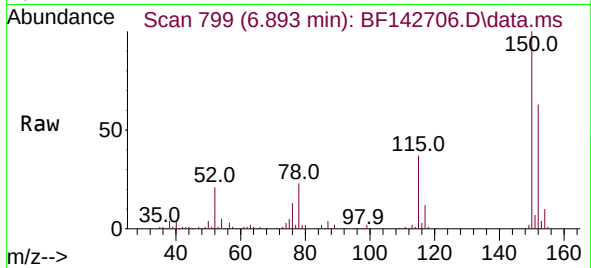




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.005 min
Lab File: BF142706.D
Acq: 10 Jun 2025 12:11

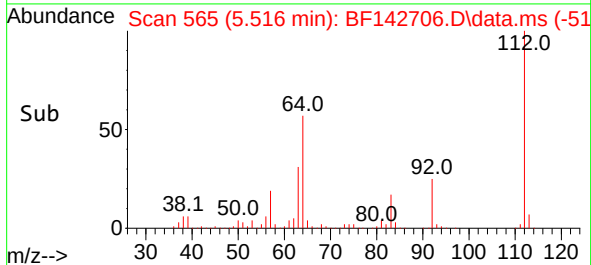
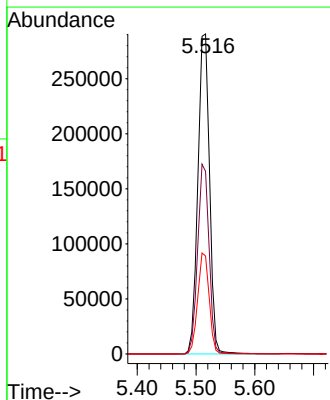
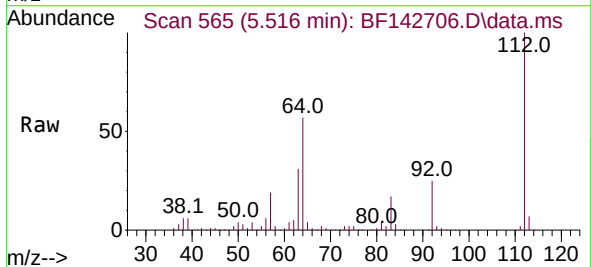
Instrument :
BNA_F
ClientSampleId :
WC-5

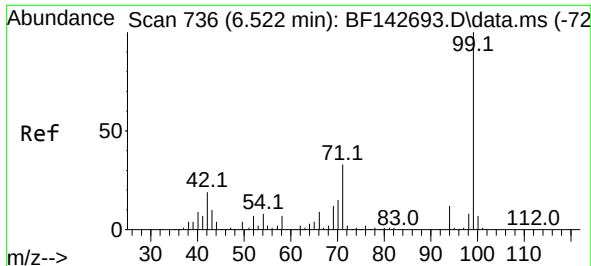
Tgt Ion:152 Resp: 52468
Ion Ratio Lower Upper
152 100
150 159.0 126.8 190.2
115 59.3 46.8 70.2



#5
2-Fluorophenol
Concen: 129.704 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.000 min
Lab File: BF142706.D
Acq: 10 Jun 2025 12:11

Tgt Ion:112 Resp: 400796
Ion Ratio Lower Upper
112 100
64 57.0 46.9 70.3
63 30.6 24.3 36.5

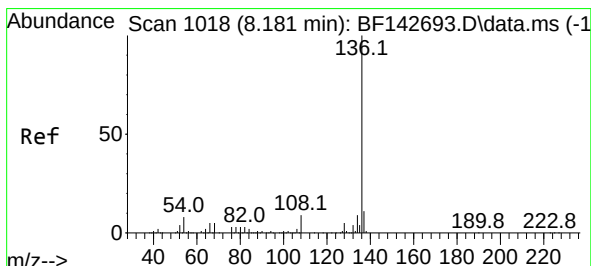
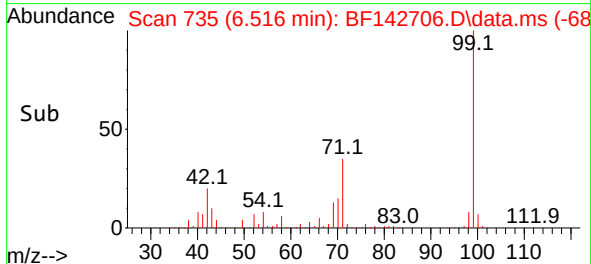
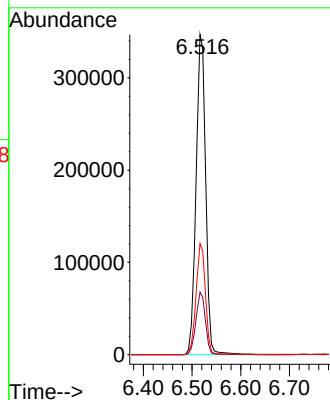
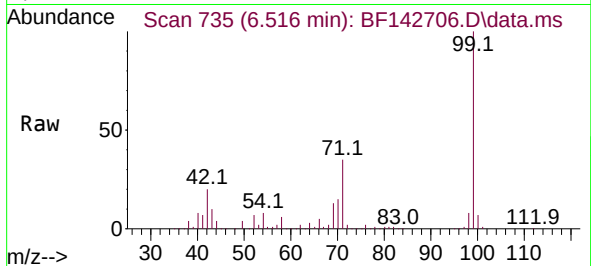




#7
Phenol-d6
Concen: 132.449 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142706.D
Acq: 10 Jun 2025 12:11

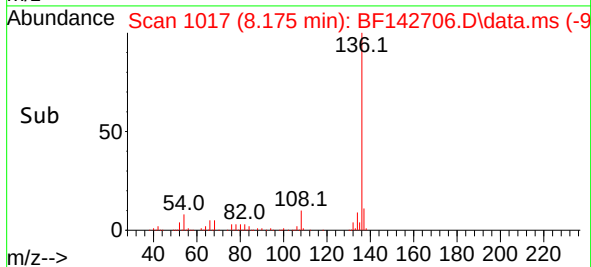
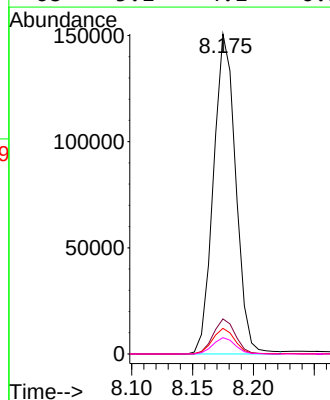
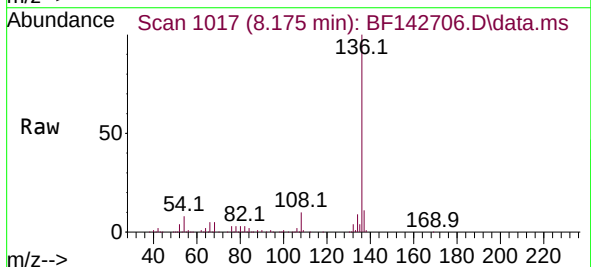
Instrument :
BNA_F
ClientSampleId :
WC-5

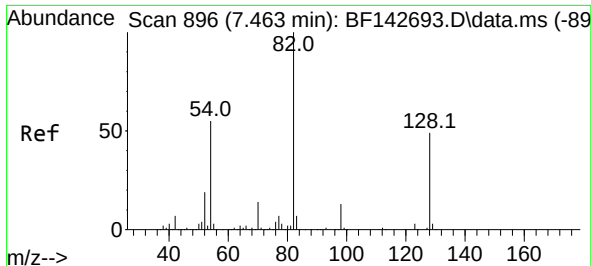
Tgt Ion: 99 Resp: 479963
Ion Ratio Lower Upper
99 100
42 19.5 15.3 22.9
71 34.7 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF142706.D
Acq: 10 Jun 2025 12:11

Tgt Ion: 136 Resp: 192461
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.0 6.4 9.6
68 5.1 4.1 6.1





#23

Nitrobenzene-d5

Concen: 83.331 ng

RT: 7.451 min Scan# 896

Delta R.T. -0.018 min

Lab File: BF142706.D

Acq: 10 Jun 2025 12:11

Instrument :

BNA_F

ClientSampleId :

WC-5

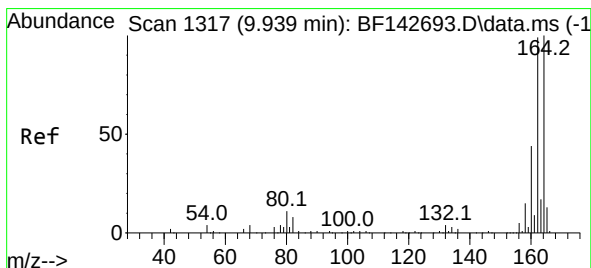
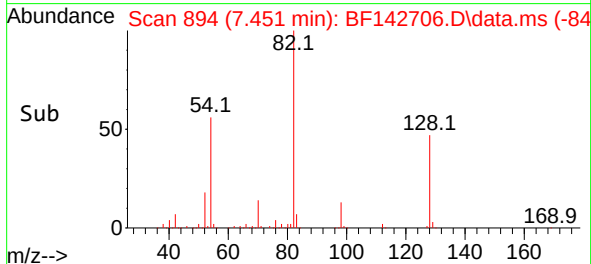
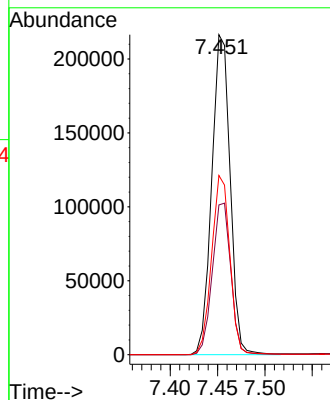
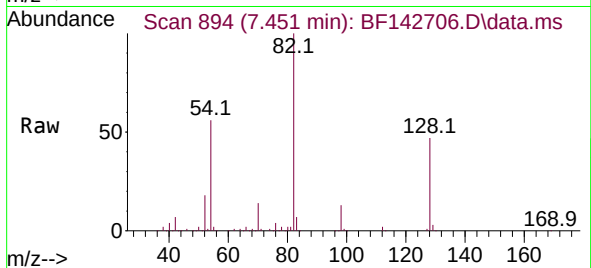
Tgt Ion: 82 Resp: 291831

Ion Ratio Lower Upper

82 100

128 46.8 39.3 58.9

54 56.0 44.2 66.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF142706.D

Acq: 10 Jun 2025 12:11

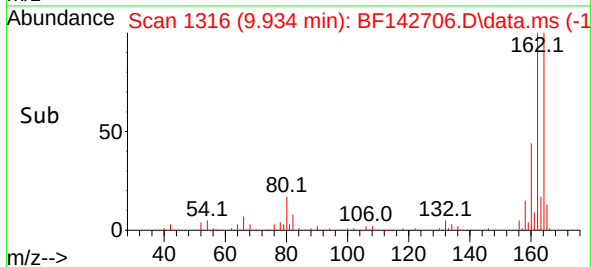
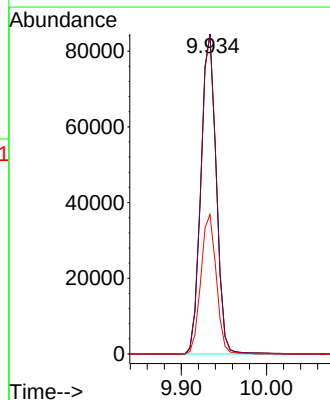
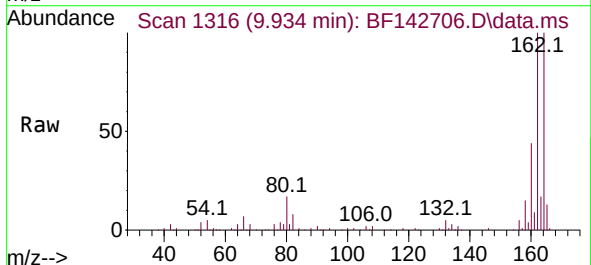
Tgt Ion: 164 Resp: 105161

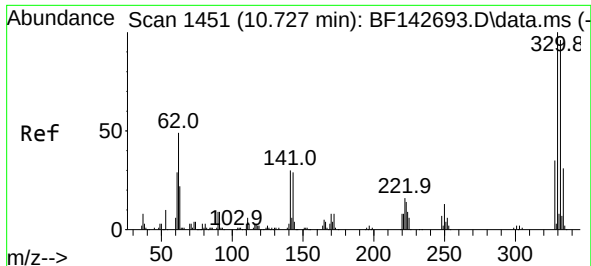
Ion Ratio Lower Upper

164 100

162 100.1 79.1 118.7

160 43.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 123.824 ng

RT: 10.722 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF142706.D

Acq: 10 Jun 2025 12:11

Instrument :

BNA_F

ClientSampleId :

WC-5

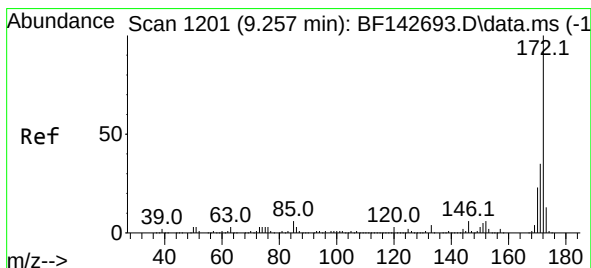
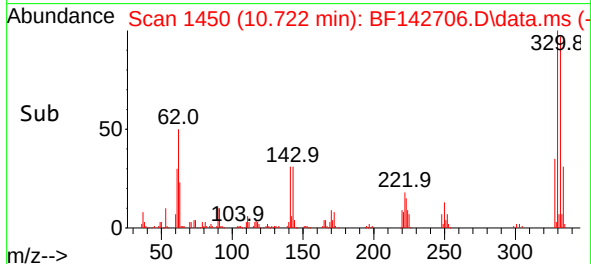
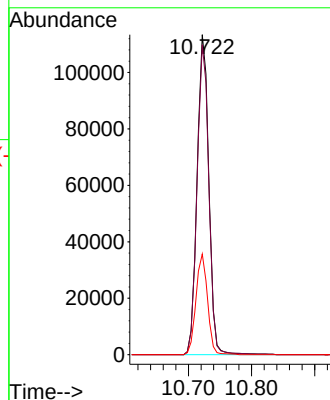
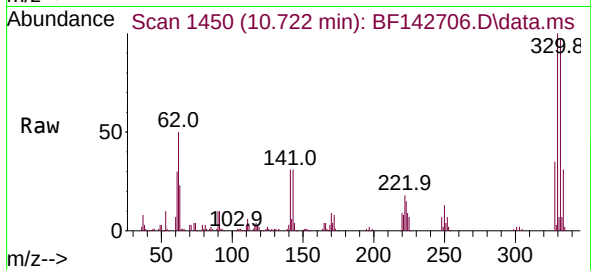
Tgt Ion:330 Resp: 146298

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 30.9 23.5 35.3



#45

2-Fluorobiphenyl

Concen: 83.312 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF142706.D

Acq: 10 Jun 2025 12:11

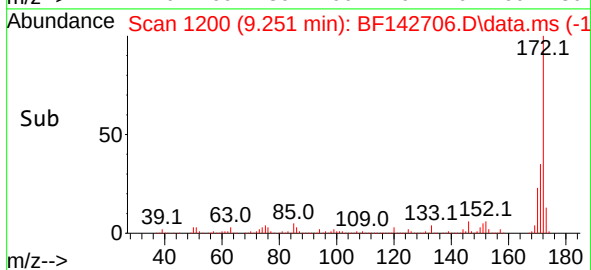
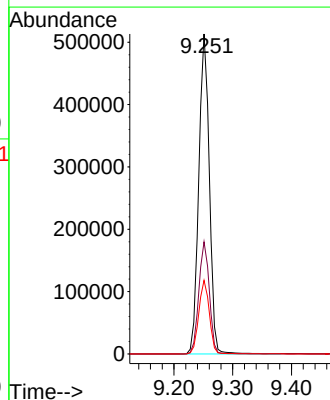
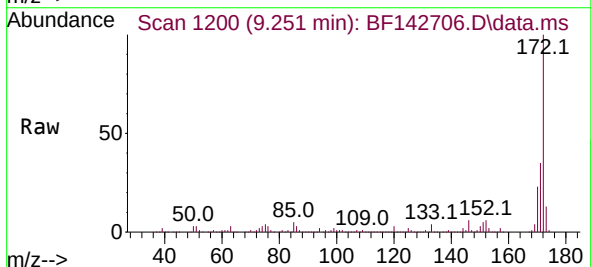
Tgt Ion:172 Resp: 640637

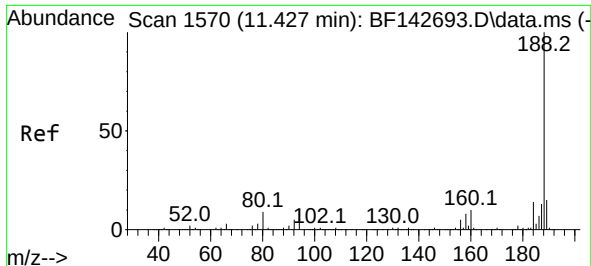
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.0 18.7 28.1

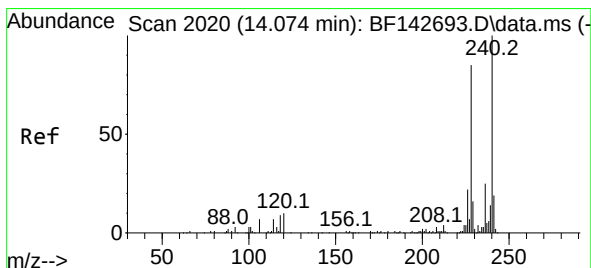
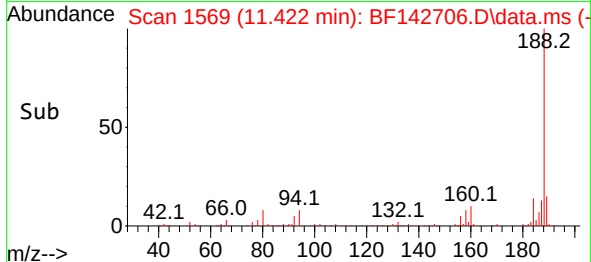
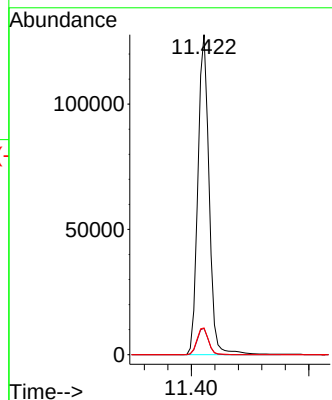
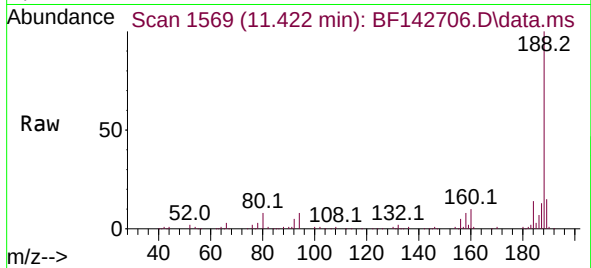




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142706.D
Acq: 10 Jun 2025 12:11

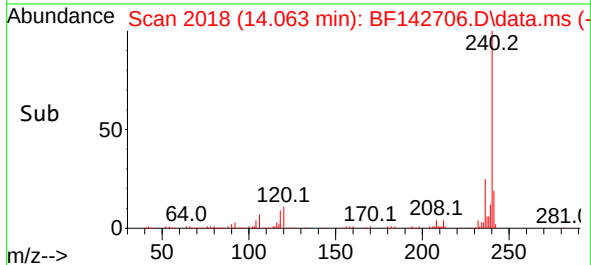
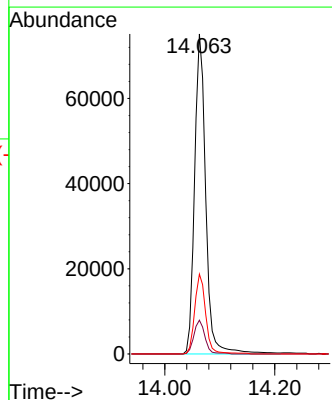
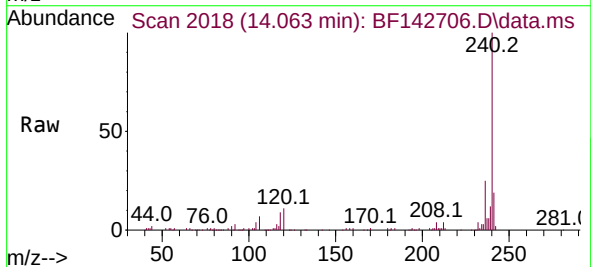
Instrument :
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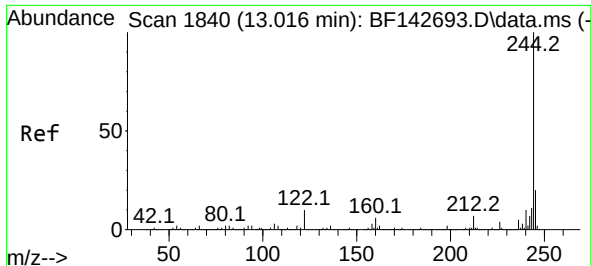
Tgt Ion:188 Resp: 169008
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 8.3 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142706.D
Acq: 10 Jun 2025 12:11

Tgt Ion:240 Resp: 105877
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 24.9 20.2 30.2

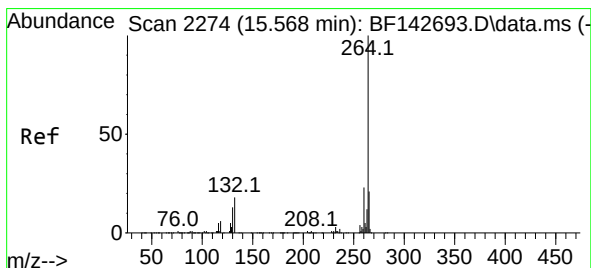
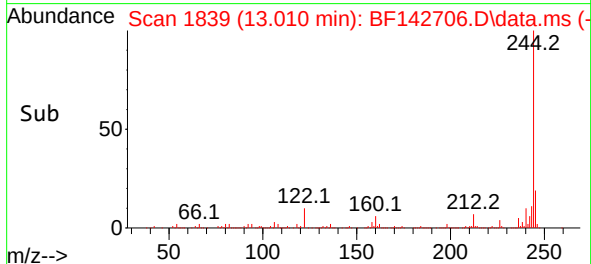
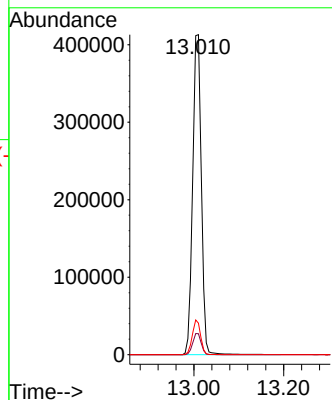
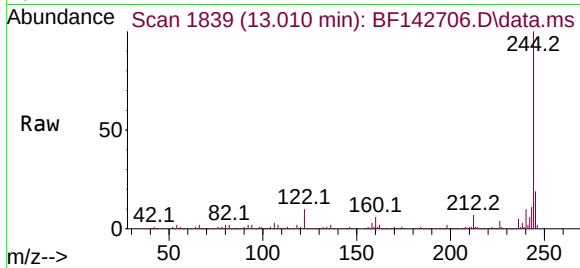




#79
Terphenyl-d14
Concen: 82.821 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142706.D
Acq: 10 Jun 2025 12:11

Instrument :
BNA_F
ClientSampleId :
WC-5

Tgt Ion:244 Resp: 554456
Ion Ratio Lower Upper
244 100
212 6.5 5.3 7.9
122 9.9 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: BF142706.D
Acq: 10 Jun 2025 12:11

Tgt Ion:264 Resp: 128246
Ion Ratio Lower Upper
264 100
260 22.9 18.5 27.7
265 21.5 17.0 25.4

