

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
 Data File : BF142099.D
 Acq On : 26 Mar 2025 16:12
 Operator : RC/JU
 Sample : Q1636-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5

Quant Time: Mar 26 16:33:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	132561	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	518629	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	293402	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	537705	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	416947	20.000	ng	0.00
86) Perylene-d12	15.510	264	321659	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	957125	120.503	ng	0.00
7) Phenol-d6	6.492	99	1185007	117.178	ng	-0.01
23) Nitrobenzene-d5	7.428	82	765795	83.096	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	478882	128.656	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1583071	82.056	ng	-0.01
79) Terphenyl-d14	12.980	244	2149757	76.228	ng	0.00

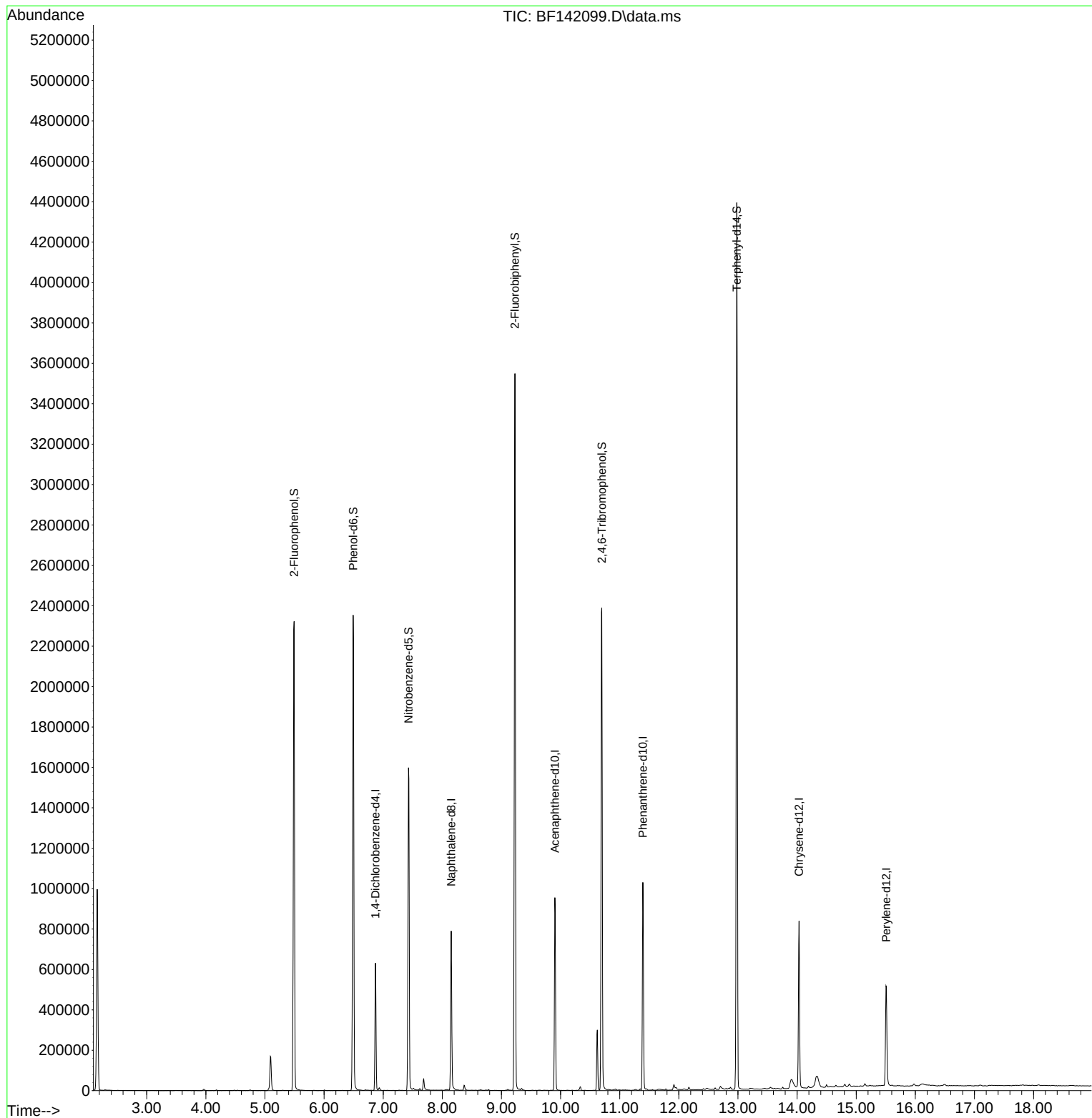
Target Compounds	Qvalue

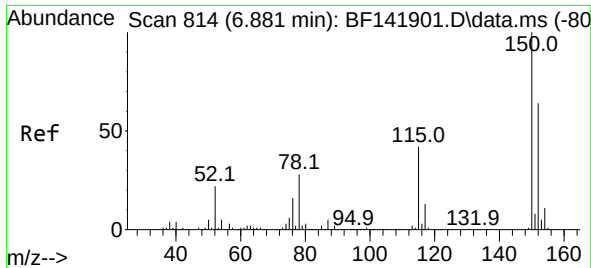
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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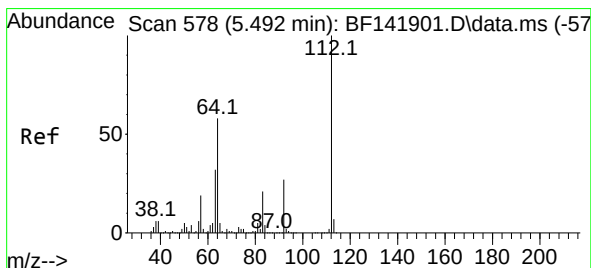
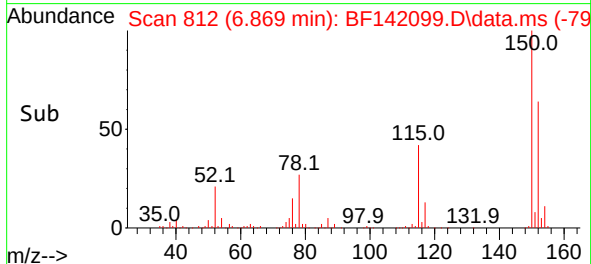
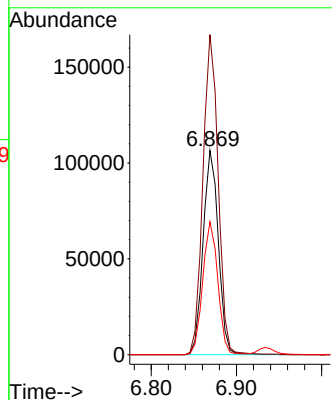
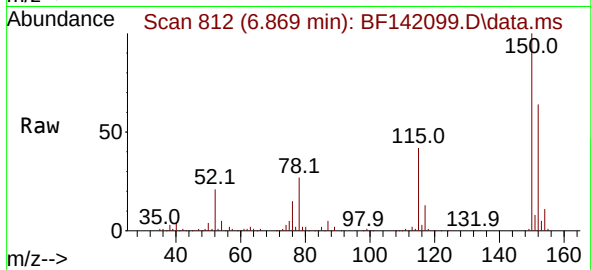




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142099.D
Acq: 26 Mar 2025 16:12

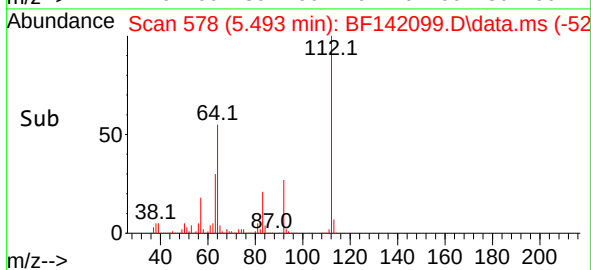
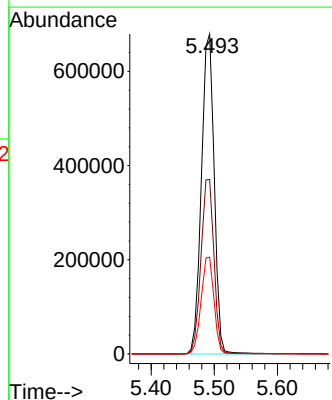
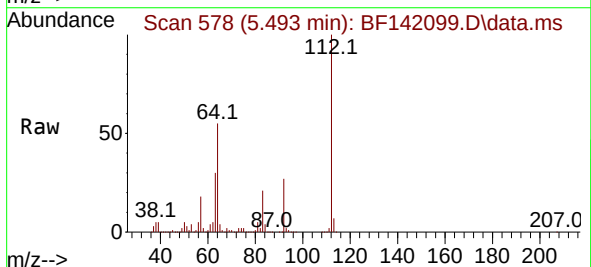
Instrument :
BNA_F
ClientSampleId :
WC-5

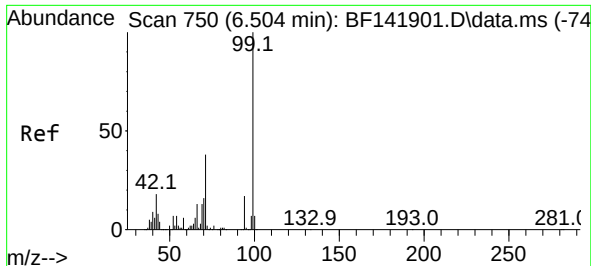
Tgt Ion:152 Resp: 132561
Ion Ratio Lower Upper
152 100
150 156.8 127.4 191.2
115 65.1 51.9 77.9



#5
2-Fluorophenol
Concen: 120.503 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF142099.D
Acq: 26 Mar 2025 16:12

Tgt Ion:112 Resp: 957125
Ion Ratio Lower Upper
112 100
64 54.5 46.5 69.7
63 30.3 25.4 38.2

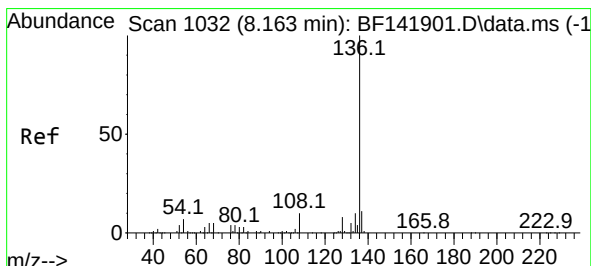
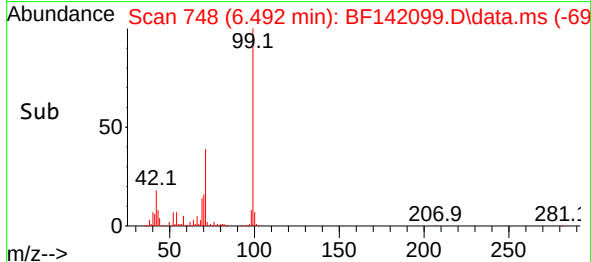
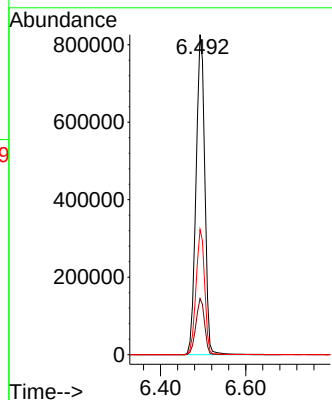
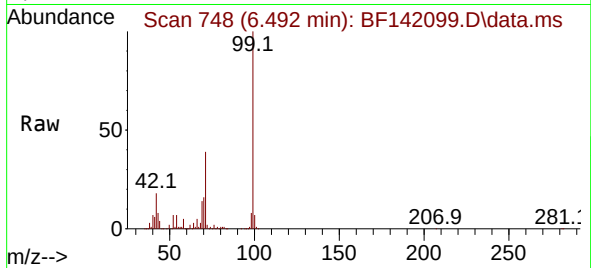




#7
Phenol-d6
Concen: 117.178 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142099.D
Acq: 26 Mar 2025 16:12

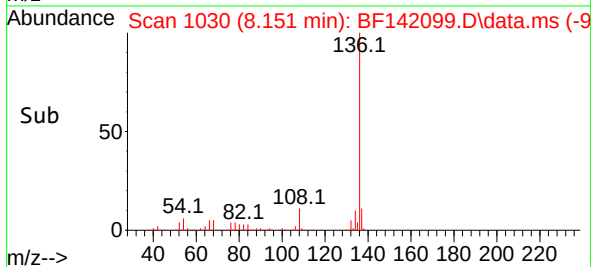
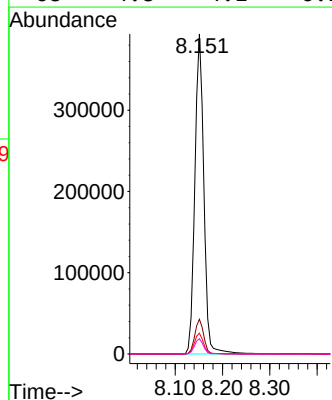
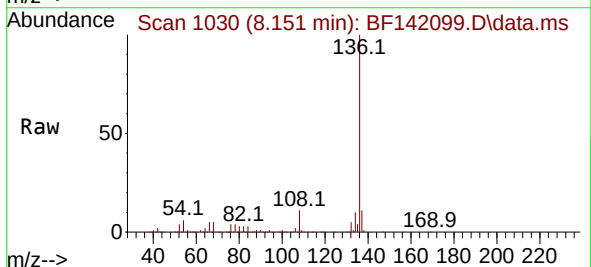
Instrument :
BNA_F
ClientSampleId :
WC-5

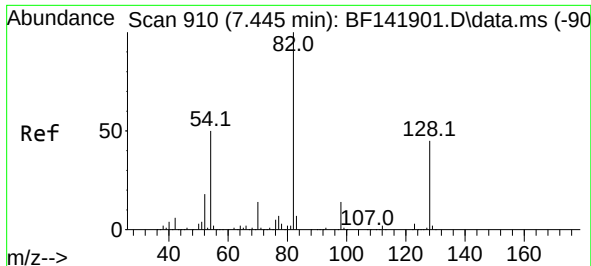
Tgt Ion: 99 Resp: 1185007
Ion Ratio Lower Upper
99 100
42 17.5 14.6 21.8
71 39.1 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142099.D
Acq: 26 Mar 2025 16:12

Tgt Ion: 136 Resp: 518629
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.5 5.8 8.8
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 83.096 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.018 min

Lab File: BF142099.D

Acq: 26 Mar 2025 16:12

Instrument :

BNA_F

ClientSampleId :

WC-5

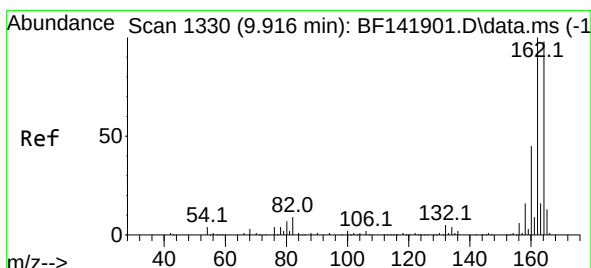
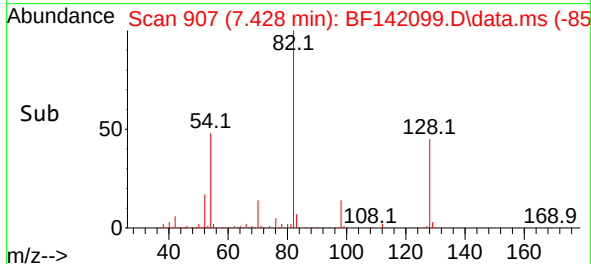
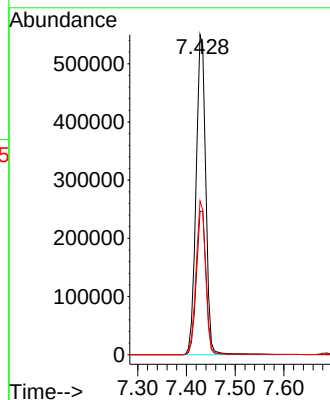
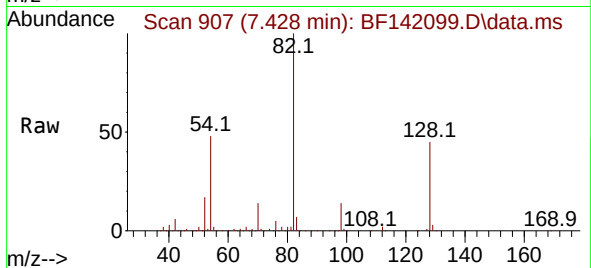
Tgt Ion: 82 Resp: 765795

Ion Ratio Lower Upper

82 100

128 44.7 36.0 54.0

54 48.0 39.6 59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF142099.D

Acq: 26 Mar 2025 16:12

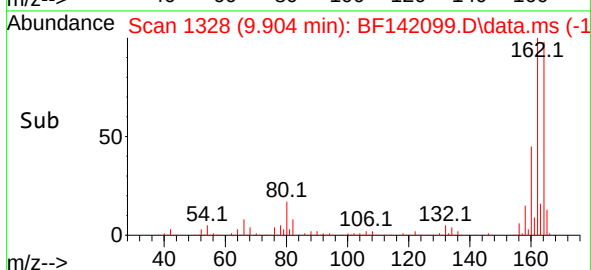
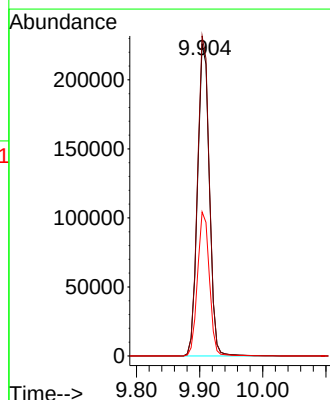
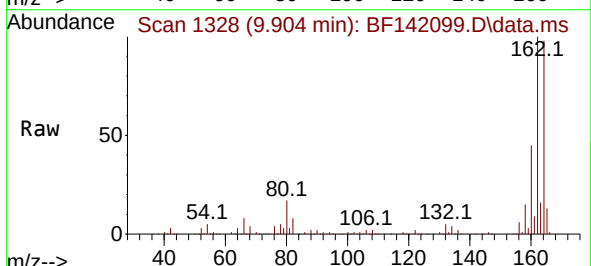
Tgt Ion:164 Resp: 293402

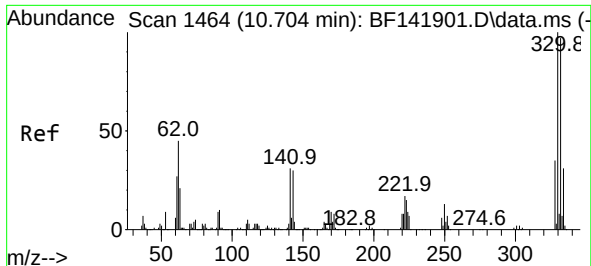
Ion Ratio Lower Upper

164 100

162 102.5 81.8 122.6

160 46.1 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 128.656 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142099.D

Acq: 26 Mar 2025 16:12

Instrument :

BNA_F

ClientSampleId :

WC-5

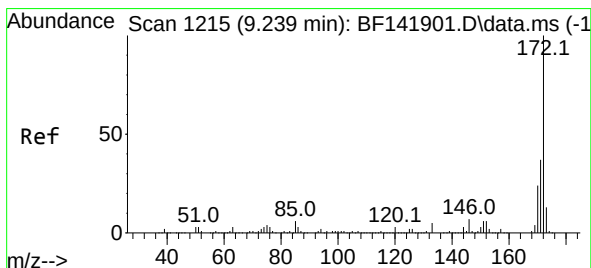
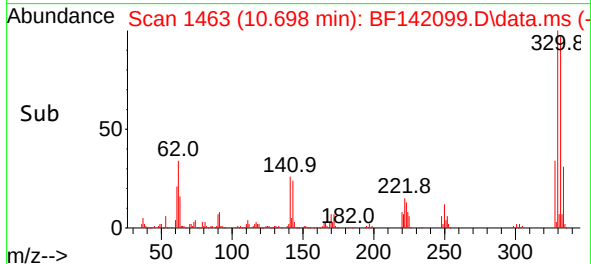
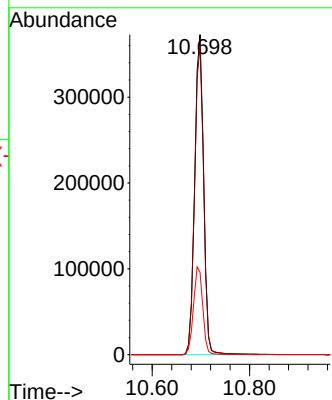
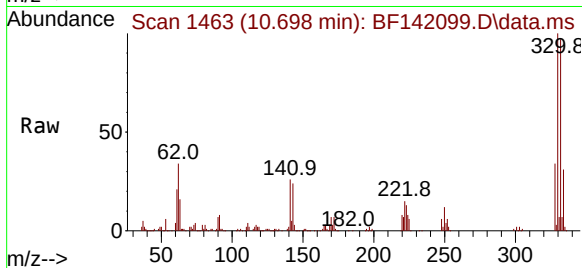
Tgt Ion:330 Resp: 478882

Ion Ratio Lower Upper

330 100

332 97.1 77.6 116.4

141 28.3 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 82.056 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142099.D

Acq: 26 Mar 2025 16:12

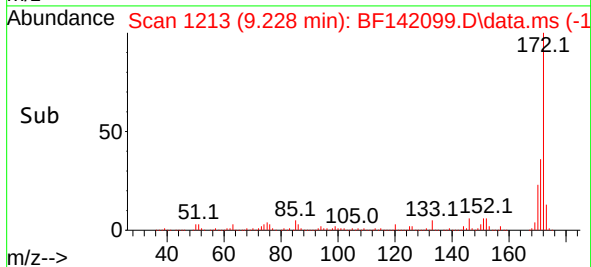
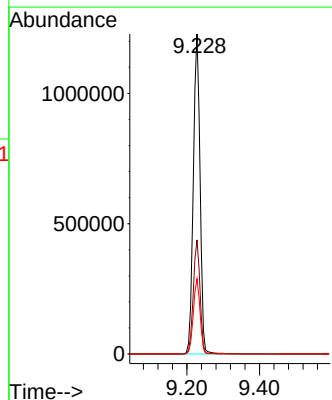
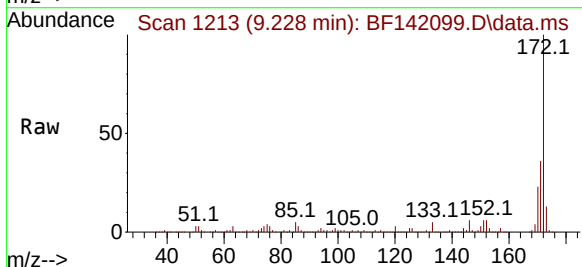
Tgt Ion:172 Resp: 1583071

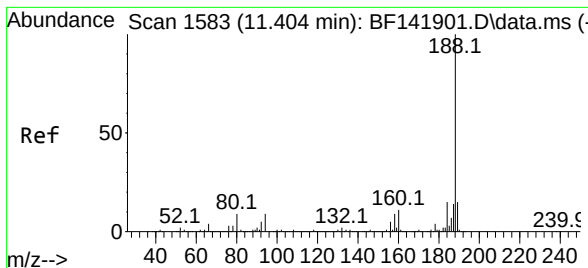
Ion Ratio Lower Upper

172 100

171 35.7 29.3 43.9

170 23.5 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142099.D

Acq: 26 Mar 2025 16:12

Instrument :

BNA_F

ClientSampleId :

WC-5

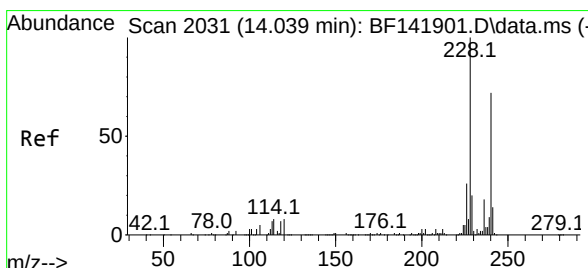
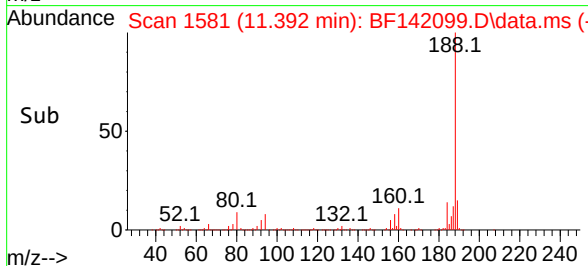
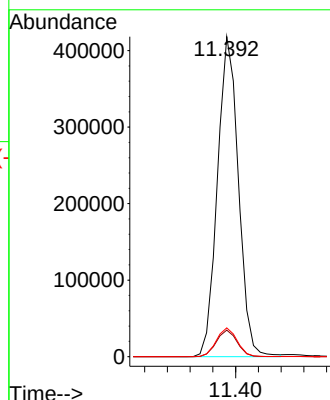
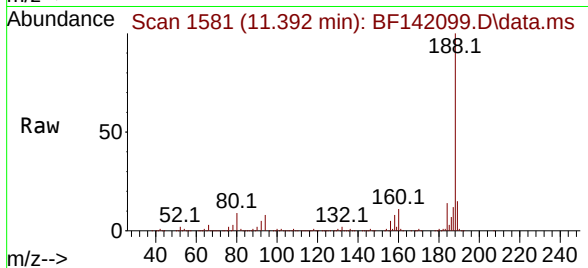
Tgt Ion:188 Resp: 537705

Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

80 9.0 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF142099.D

Acq: 26 Mar 2025 16:12

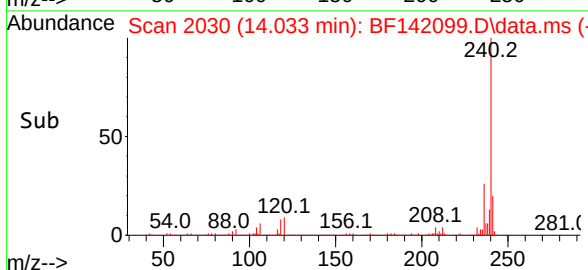
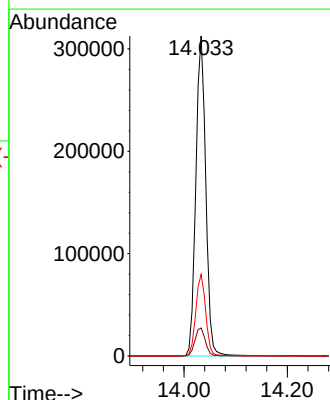
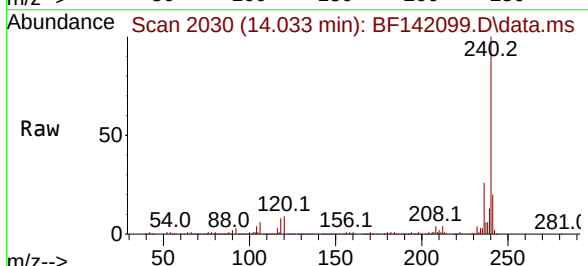
Tgt Ion:240 Resp: 416947

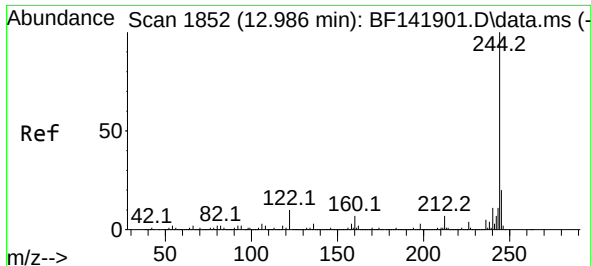
Ion Ratio Lower Upper

240 100

120 8.8 8.4 12.6

236 25.5 20.5 30.7

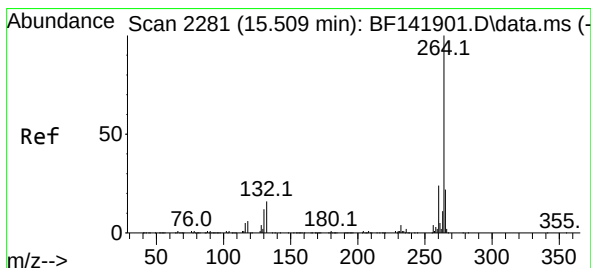
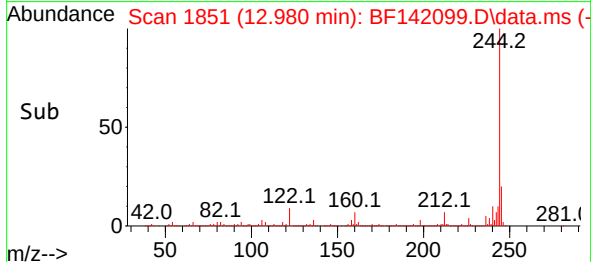
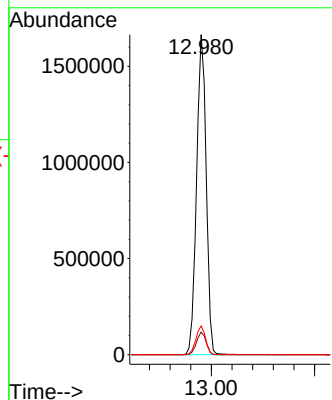
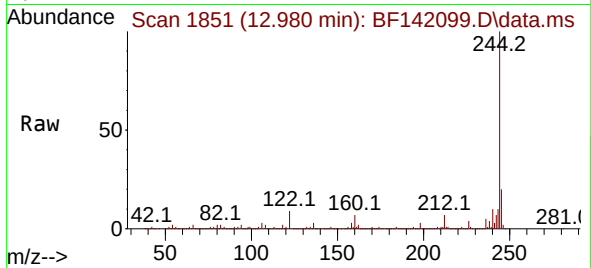




#79
 Terphenyl-d14
 Concen: 76.228 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF142099.D
 Acq: 26 Mar 2025 16:12

Instrument :
 BNA_F
 ClientSampleId :
 WC-5

Tgt Ion:244 Resp: 2149757
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 8.9 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. 0.000 min
 Lab File: BF142099.D
 Acq: 26 Mar 2025 16:12

Tgt Ion:264 Resp: 321659
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 20.7 17.5 26.3

