

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061825\
 Data File : BF142783.D
 Acq On : 18 Jun 2025 18:03
 Operator : RC/JU
 Sample : Q2340-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP05-MH17A-WC

Quant Time: Jun 18 18:26:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	74093	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	283404	20.000	ng	-0.02
39) Acenaphthene-d10	9.922	164	152607	20.000	ng	-0.02
64) Phenanthrene-d10	11.410	188	255309	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	160463	20.000	ng	-0.01
86) Perylene-d12	15.545	264	163173	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	551077	126.674	ng	0.00
7) Phenol-d6	6.510	99	602487	117.679	ng	-0.01
23) Nitrobenzene-d5	7.445	82	453937	87.659	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	225479	134.811	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	949494	82.660	ng	-0.02
79) Terphenyl-d14	12.998	244	922572	78.965	ng	-0.01

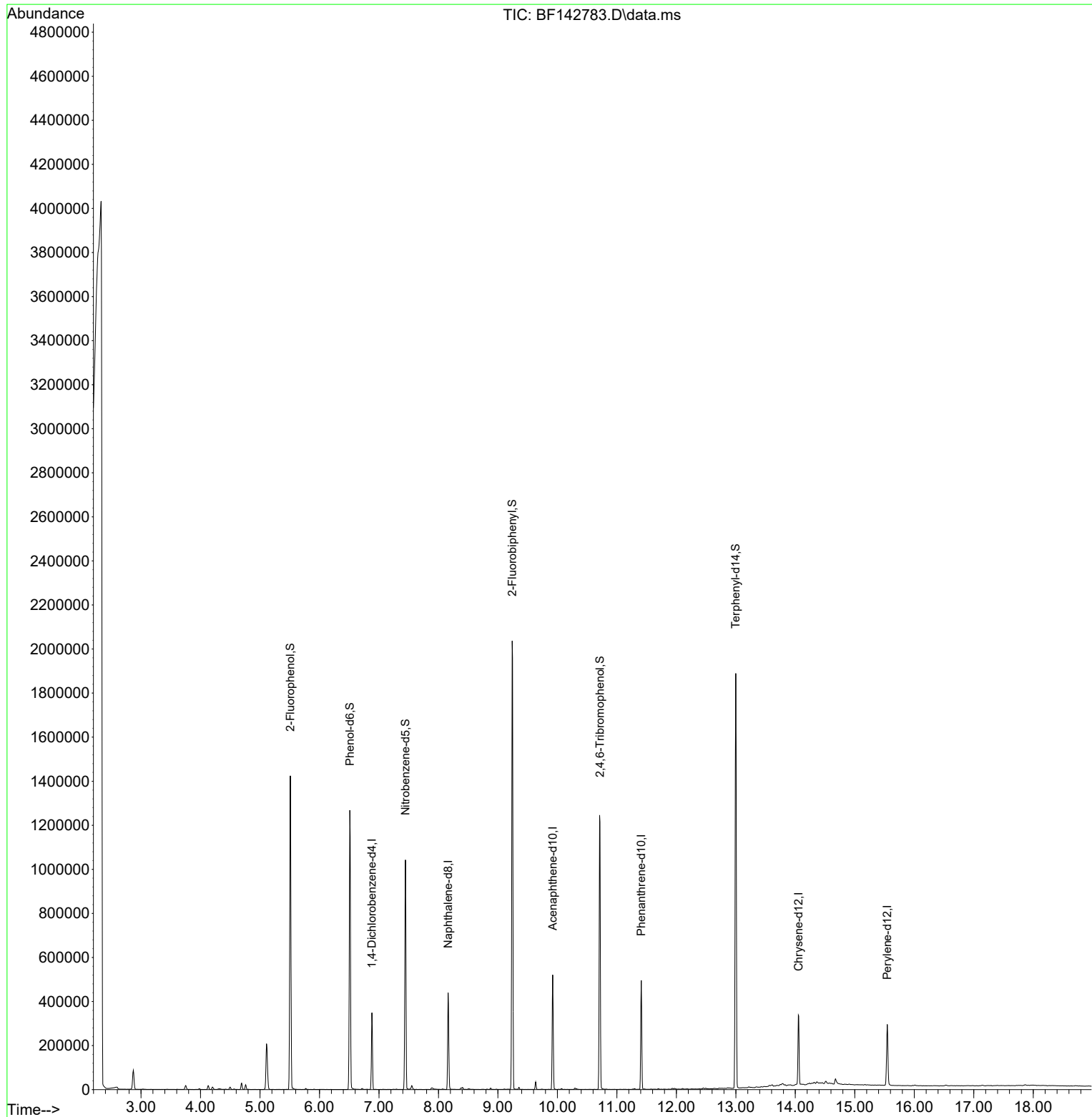
Target Compounds	Qvalue

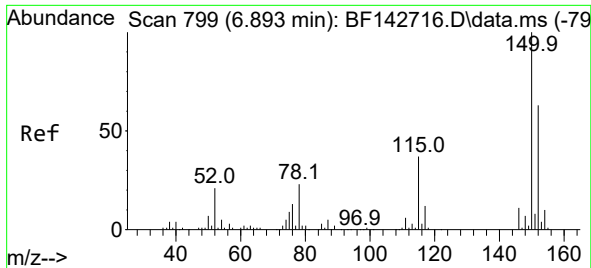
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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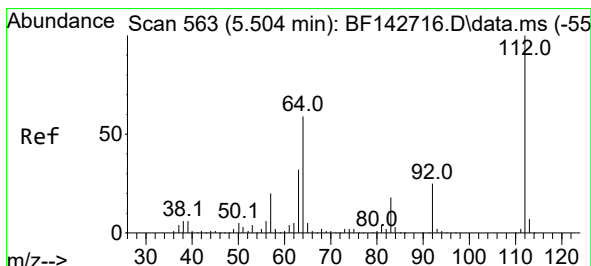
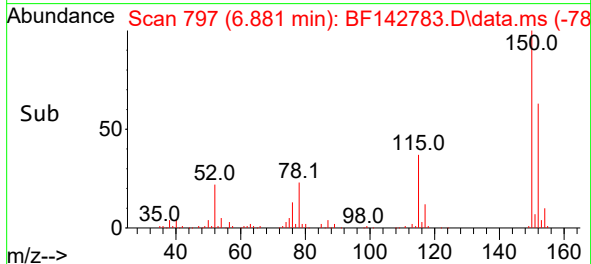
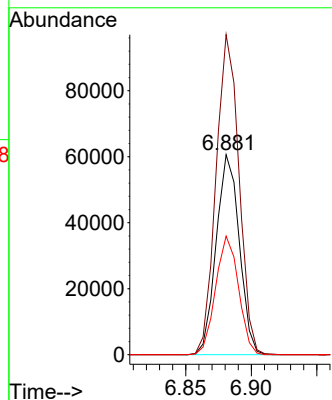
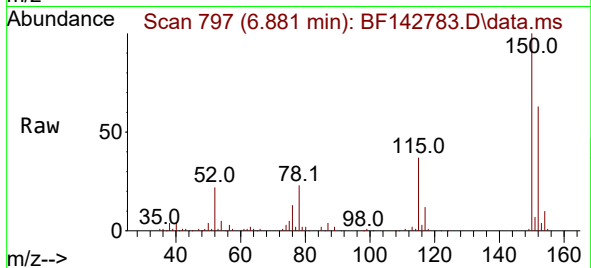




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 799
 Delta R.T. -0.012 min
 Lab File: BF142783.D
 Acq: 18 Jun 2025 18:03

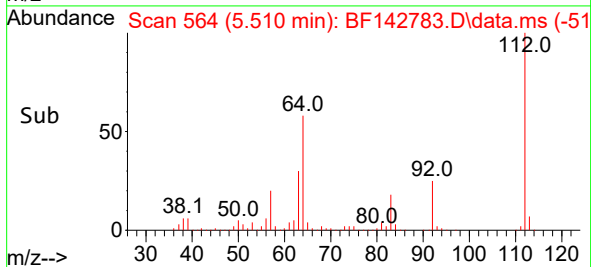
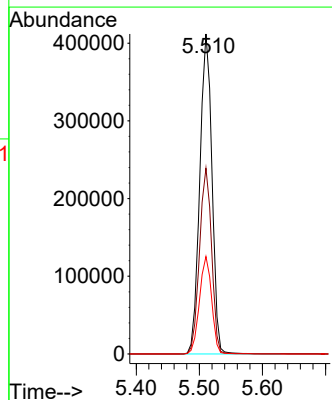
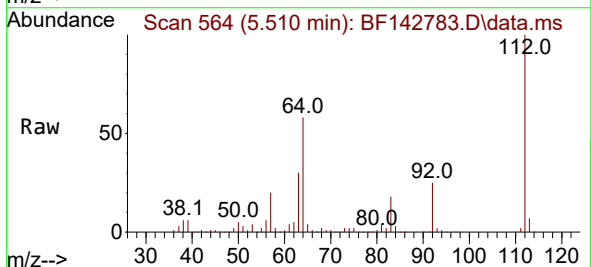
Instrument :
 BNA_F
 ClientSampleId :
 TP05-MH17A-WC

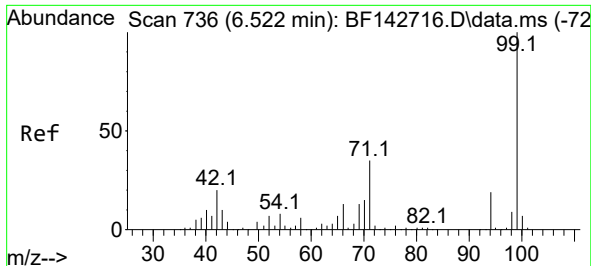
Tgt Ion:152 Resp: 74093
 Ion Ratio Lower Upper
 152 100
 150 160.0 126.9 190.3
 115 59.3 47.0 70.6



#5
 2-Fluorophenol
 Concen: 126.674 ng
 RT: 5.510 min Scan# 564
 Delta R.T. 0.006 min
 Lab File: BF142783.D
 Acq: 18 Jun 2025 18:03

Tgt Ion:112 Resp: 551077
 Ion Ratio Lower Upper
 112 100
 64 58.1 47.4 71.2
 63 30.4 25.4 38.0

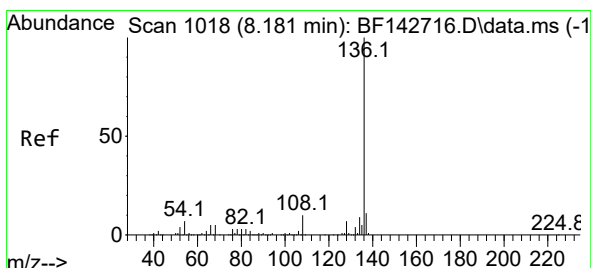
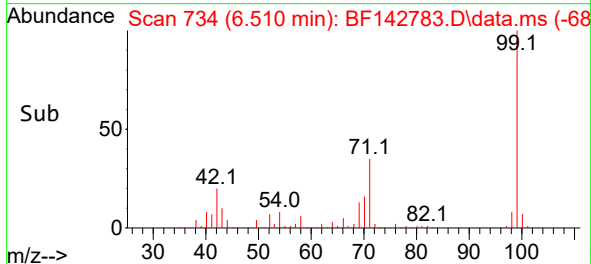
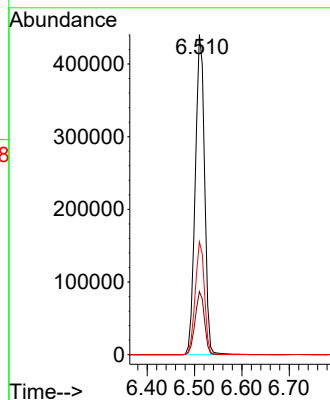
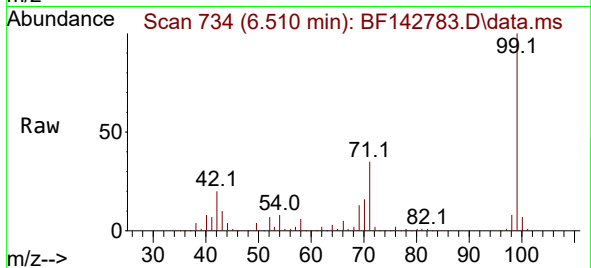




#7
Phenol-d6
Concen: 117.679 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142783.D
Acq: 18 Jun 2025 18:03

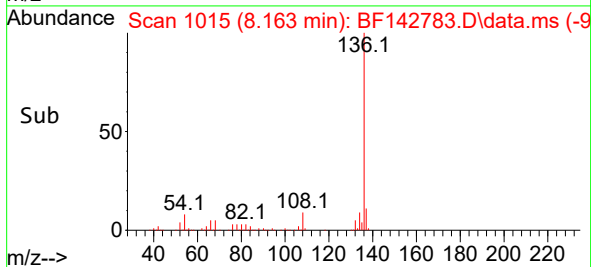
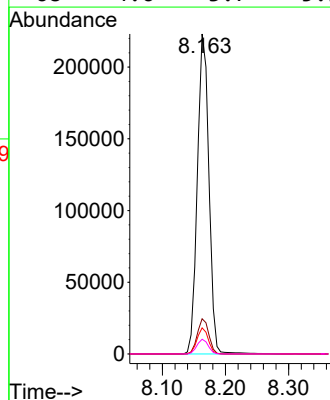
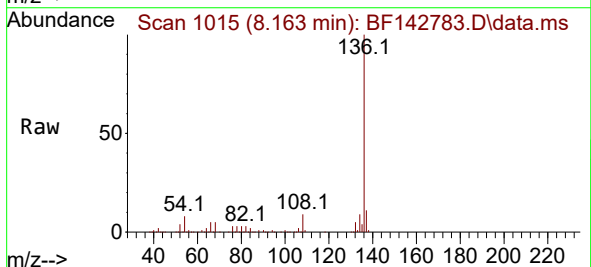
Instrument :
BNA_F
ClientSampleId :
TP05-MH17A-WC

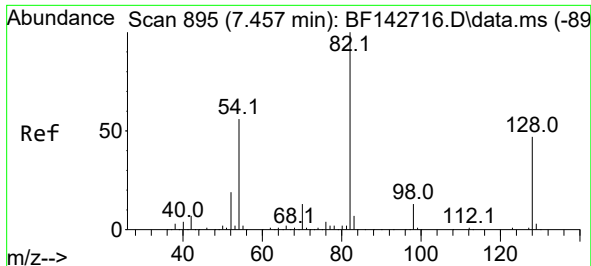
Tgt Ion: 99 Resp: 602487
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 35.2 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.018 min
Lab File: BF142783.D
Acq: 18 Jun 2025 18:03

Tgt Ion: 136 Resp: 283404
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.1 5.9 8.9
68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: 87.659 ng

RT: 7.445 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142783.D

Acq: 18 Jun 2025 18:03

Instrument :

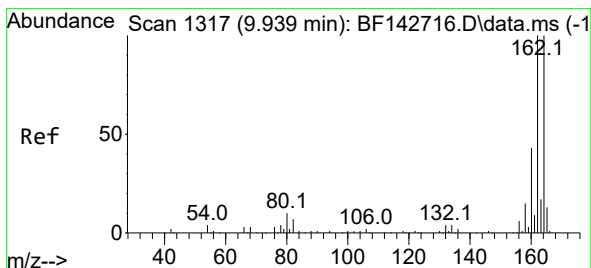
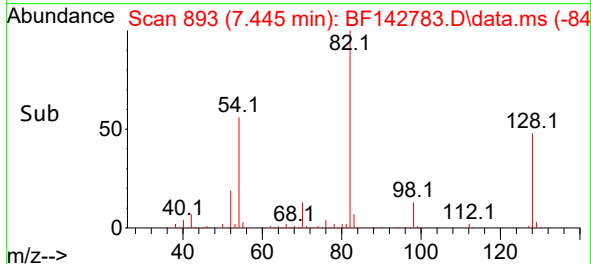
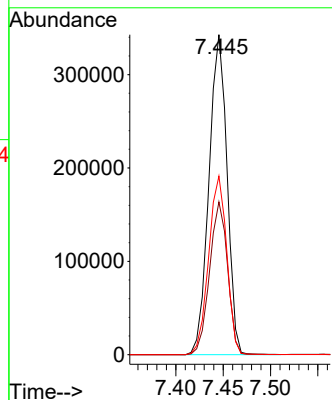
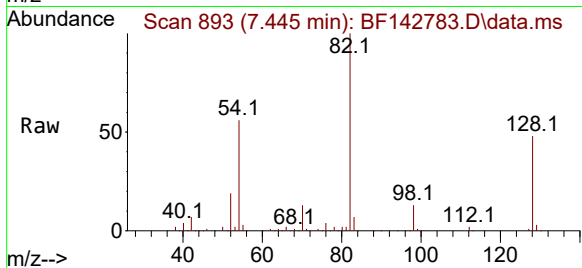
BNA_F

ClientSampleId :

TP05-MH17A-WC

Tgt Ion: 82 Resp: 453937

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.8	56.8
54	55.8	44.9	67.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

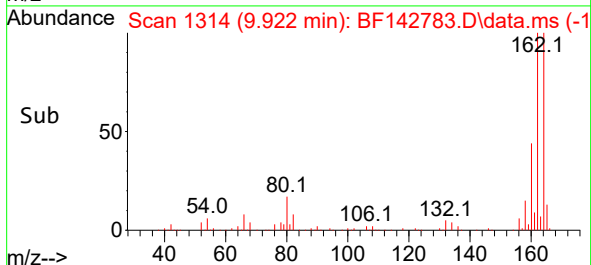
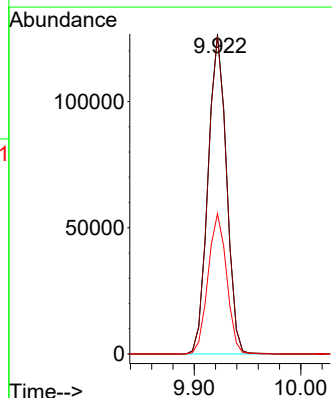
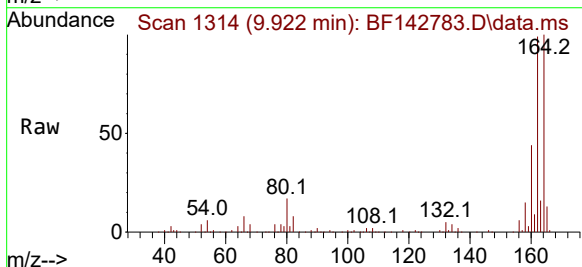
Delta R.T. -0.018 min

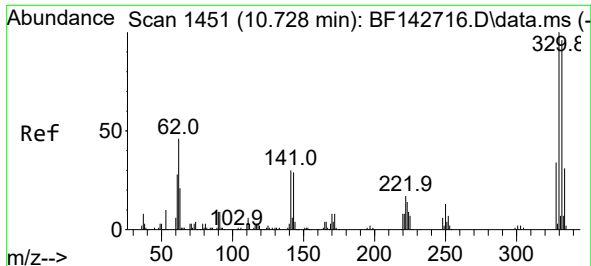
Lab File: BF142783.D

Acq: 18 Jun 2025 18:03

Tgt Ion: 164 Resp: 152607

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.9	119.9
160	43.9	34.8	52.2





#42

2,4,6-Tribromophenol

Concen: 134.811 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF142783.D

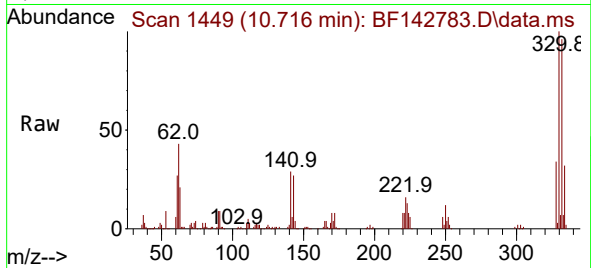
Acq: 18 Jun 2025 18:03

Instrument :

BNA_F

ClientSampleId :

TP05-MH17A-WC



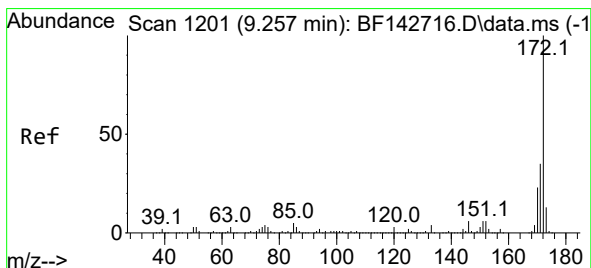
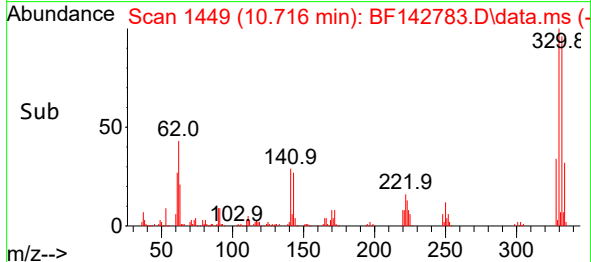
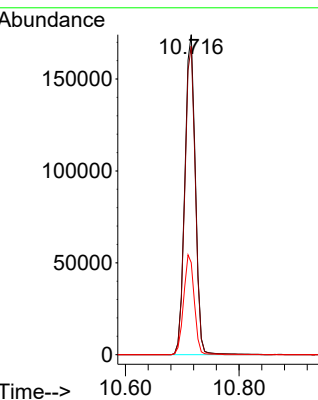
Tgt Ion:330 Resp: 225479

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

141 31.4 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 82.660 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF142783.D

Acq: 18 Jun 2025 18:03

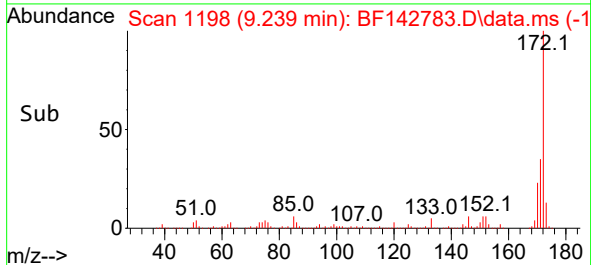
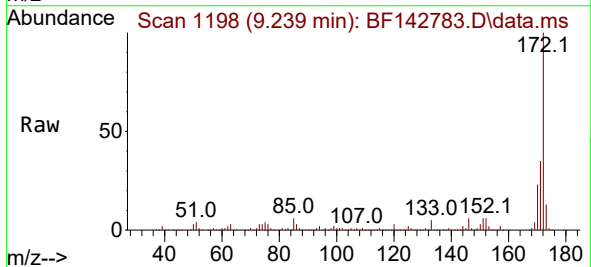
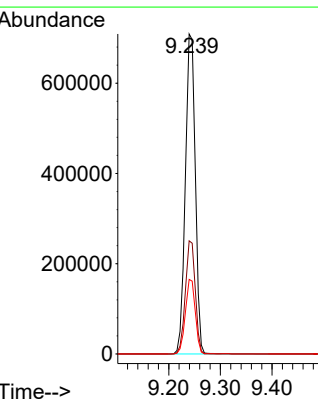
Tgt Ion:172 Resp: 949494

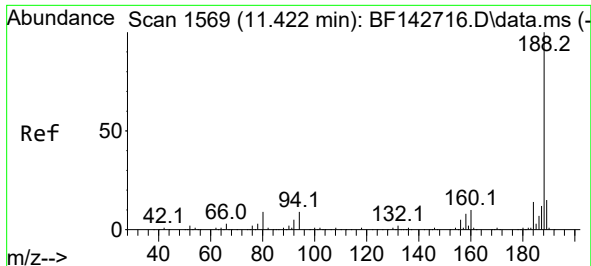
Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.3 18.6 27.8

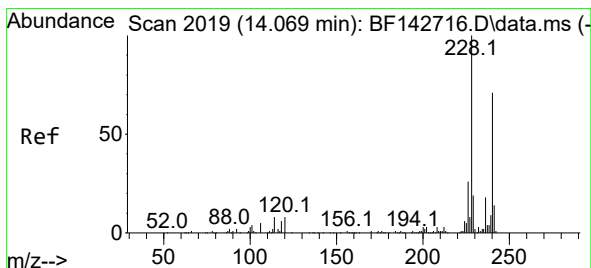
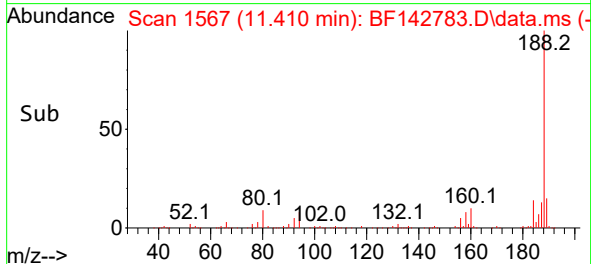
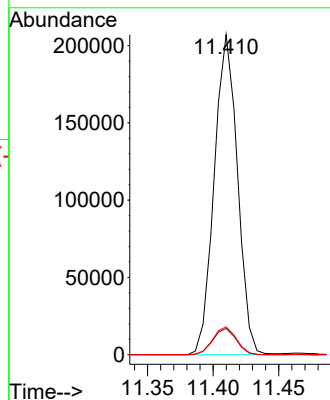
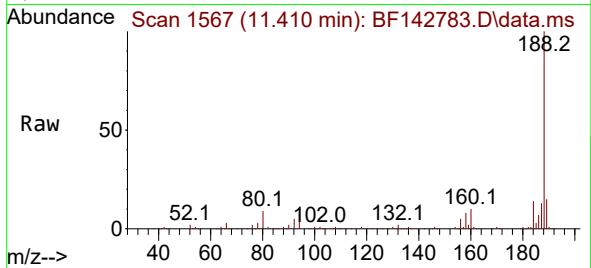




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142783.D
Acq: 18 Jun 2025 18:03

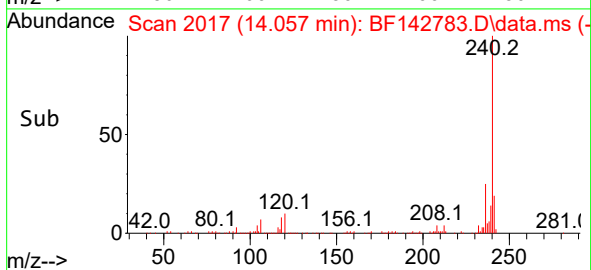
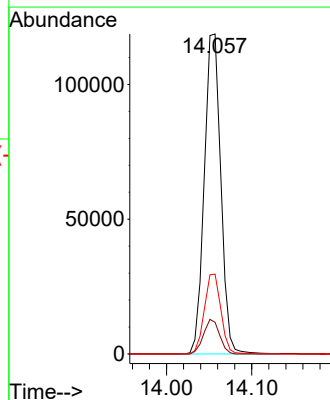
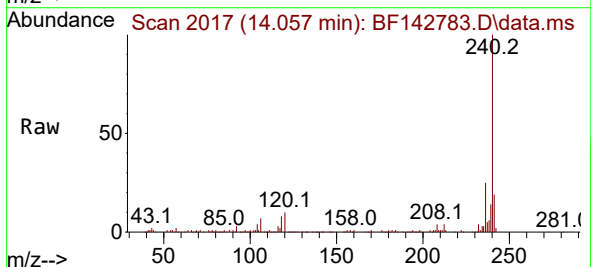
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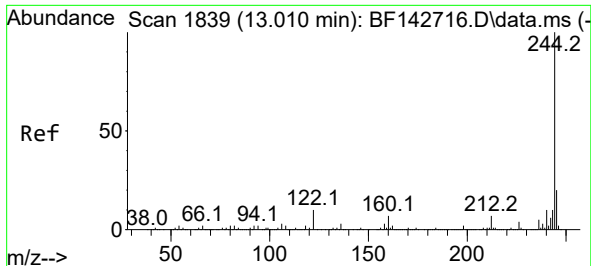
Tgt Ion:188 Resp: 255309
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 8.7 7.1 10.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF142783.D
Acq: 18 Jun 2025 18:03

Tgt Ion:240 Resp: 160463
Ion Ratio Lower Upper
240 100
120 9.9 8.5 12.7
236 25.0 20.1 30.1

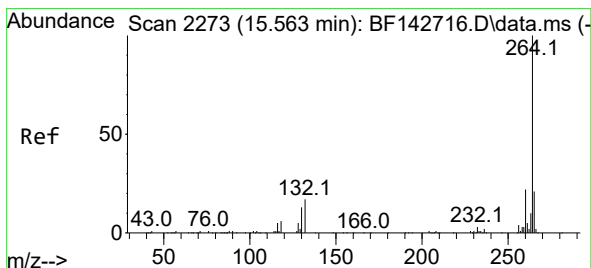
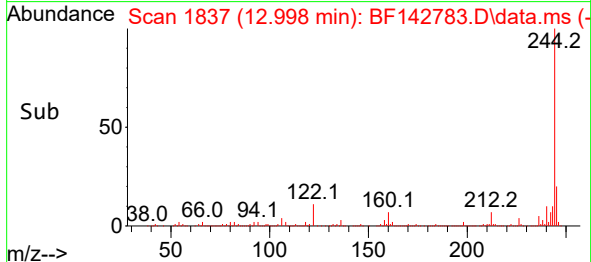
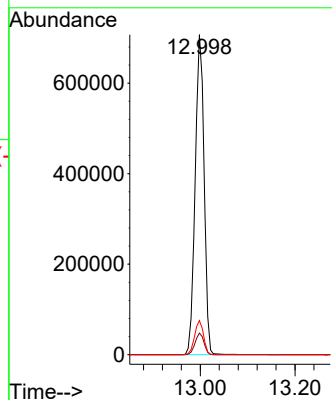
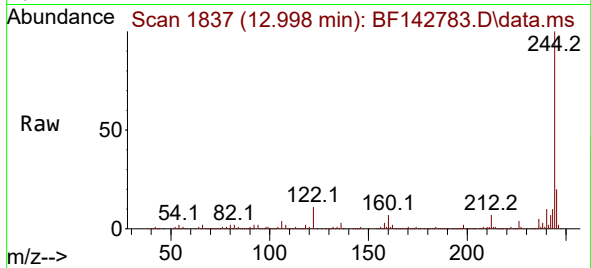




#79
 Terphenyl-d14
 Concen: 78.965 ng
 RT: 12.998 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF142783.D
 Acq: 18 Jun 2025 18:03

Instrument :
 BNA_F
 ClientSampleId :
 TP05-MH17A-WC

Tgt Ion:244 Resp: 922572
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. -0.018 min
 Lab File: BF142783.D
 Acq: 18 Jun 2025 18:03

Tgt Ion:264 Resp: 163173
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.8 26.6
 265 20.9 16.6 25.0

