

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142678.D
 Acq On : 07 Jun 2025 08:31
 Operator : RC/JU
 Sample : Q2244-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP03-MHC

Quant Time: Jun 09 01:03:18 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	6.892	152	130127	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	462592	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	195576	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	280845	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	285309	20.000	ng	-0.01
86) Perylene-d12	15.557	264	205643	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	704184	91.171	ng	0.00
7) Phenol-d6	6.522	99	854857	91.944	ng	-0.01
23) Nitrobenzene-d5	7.457	82	499447	58.873	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	174661	80.465	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	926034	63.536	ng	-0.02
79) Terphenyl-d14	13.010	244	836164	40.050	ng	0.00

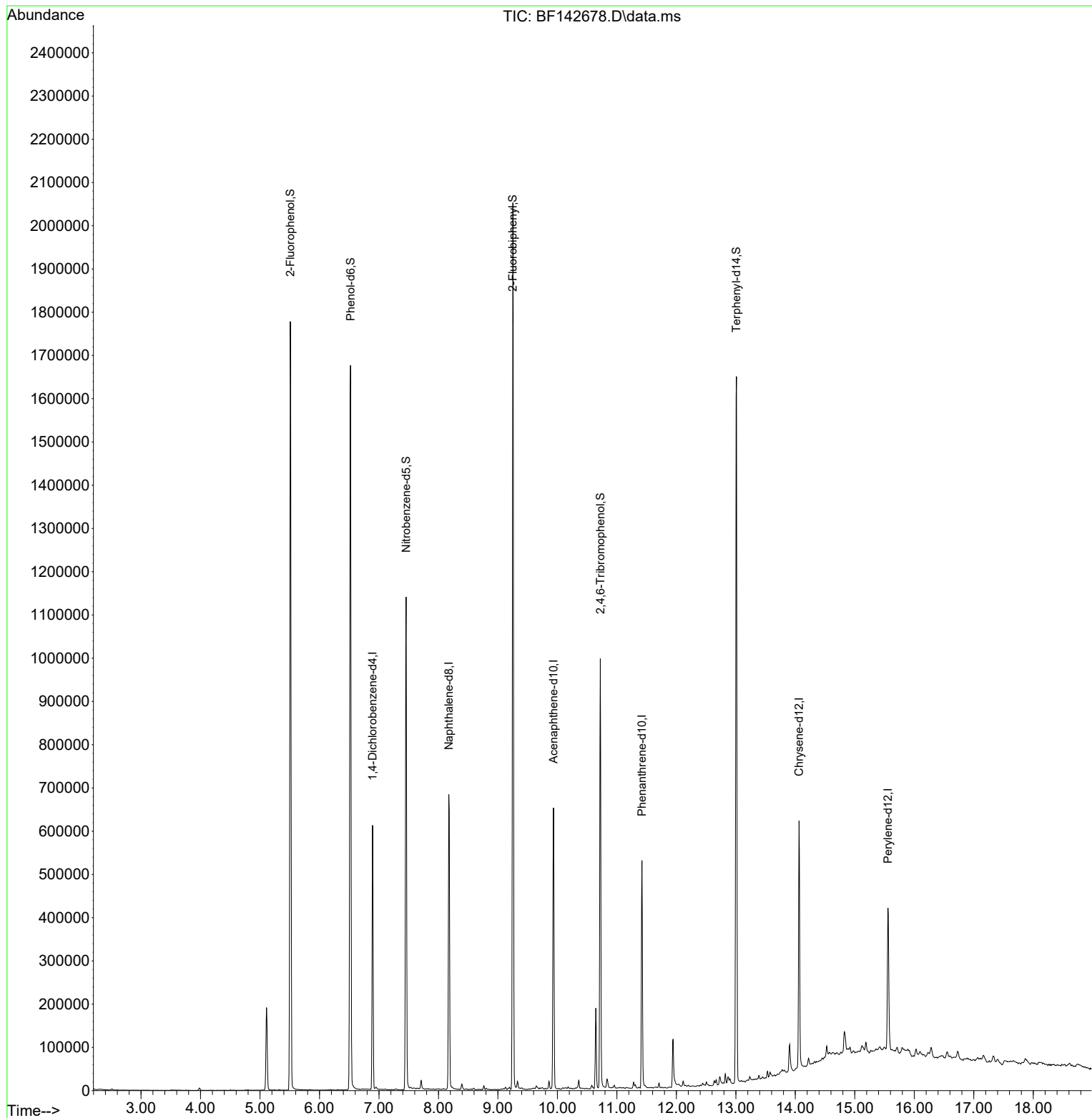
Target Compounds	Qvalue

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

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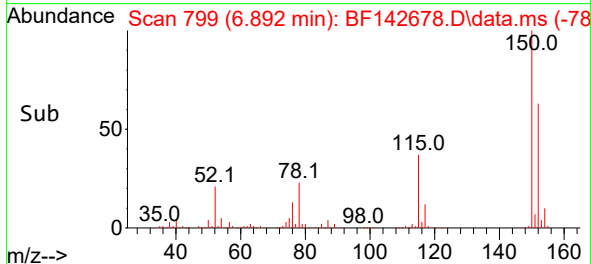
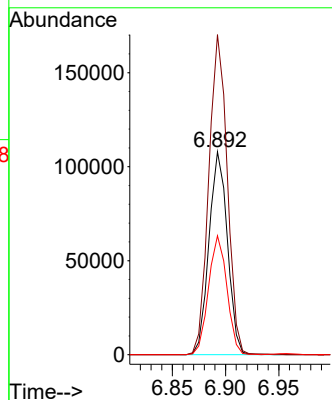
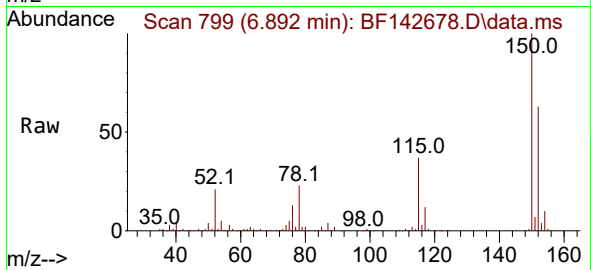




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF142678.D
Acq: 07 Jun 2025 08:31

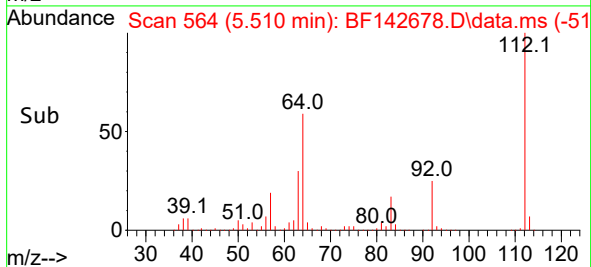
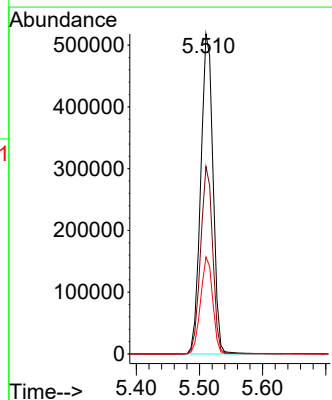
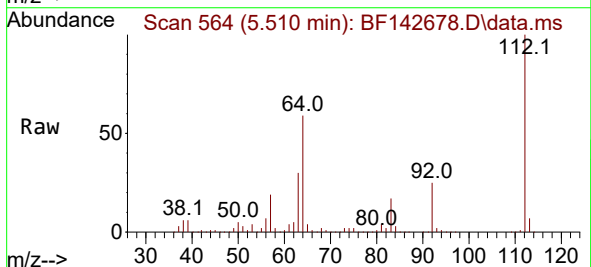
Instrument :
BNA_F
ClientSampleId :
TP03-MHC

Tgt Ion:152 Resp: 130127
Ion Ratio Lower Upper
152 100
150 157.7 128.2 192.4
115 58.6 48.3 72.5



#5
2-Fluorophenol
Concen: 91.171 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142678.D
Acq: 07 Jun 2025 08:31

Tgt Ion:112 Resp: 704184
Ion Ratio Lower Upper
112 100
64 58.5 47.5 71.3
63 30.3 24.9 37.3

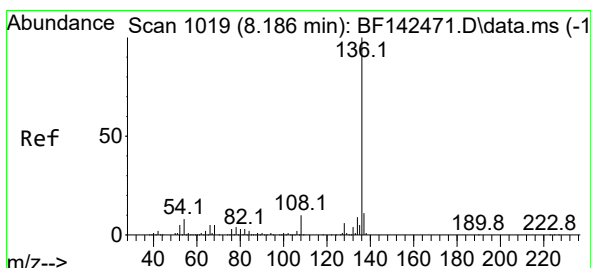
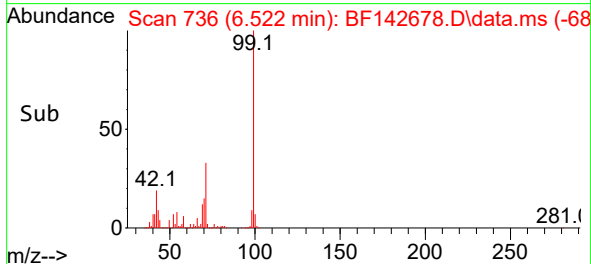
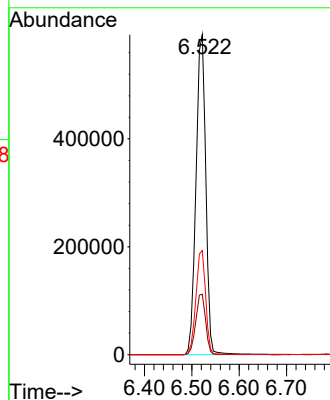
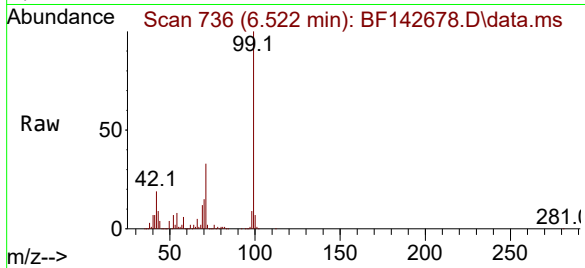




#7
Phenol-d6
Concen: 91.944 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142678.D
Acq: 07 Jun 2025 08:31

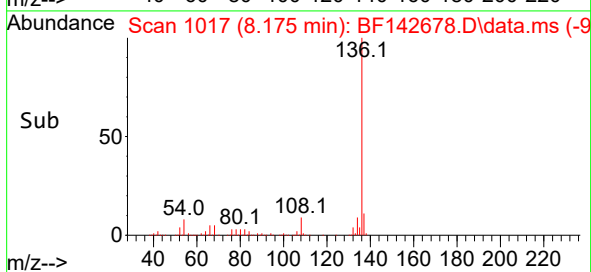
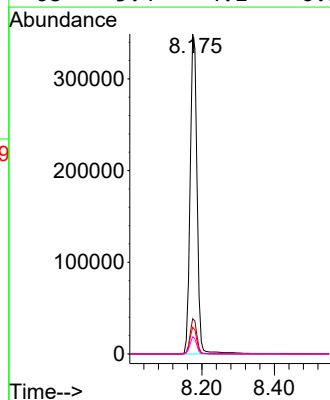
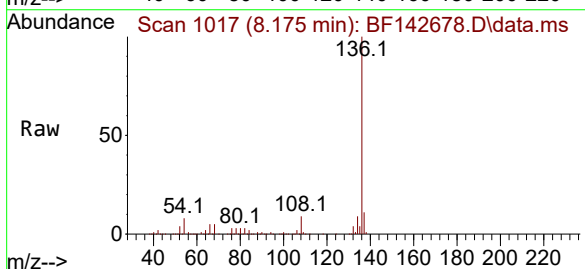
Instrument :
BNA_F
ClientSampleId :
TP03-MHC

Tgt Ion: 99 Resp: 854857
Ion Ratio Lower Upper
99 100
42 18.9 16.2 24.2
71 32.5 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF142678.D
Acq: 07 Jun 2025 08:31

Tgt Ion:136 Resp: 462592
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.4 6.6 10.0
68 5.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 58.873 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF142678.D

Acq: 07 Jun 2025 08:31

Instrument :

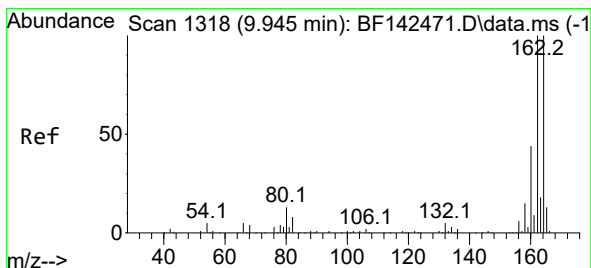
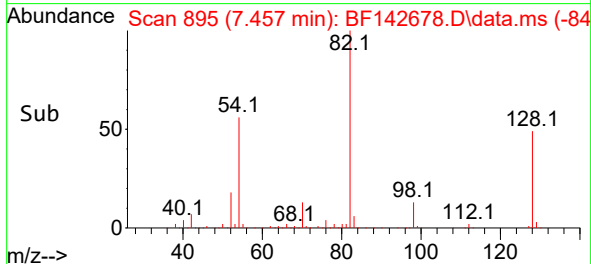
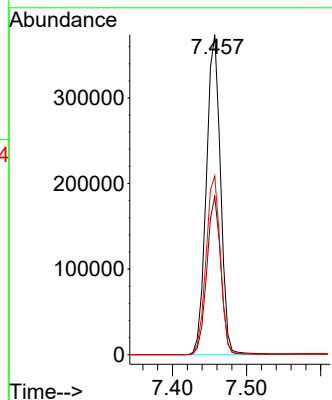
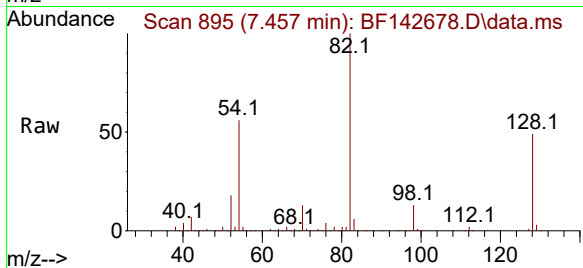
BNA_F

ClientSampleId :

TP03-MHC

Tgt Ion: 82 Resp: 499447

Ion	Ratio	Lower	Upper
82	100		
128	49.4	37.4	56.2
54	55.8	46.6	70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

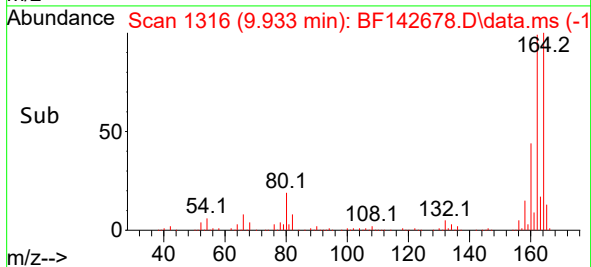
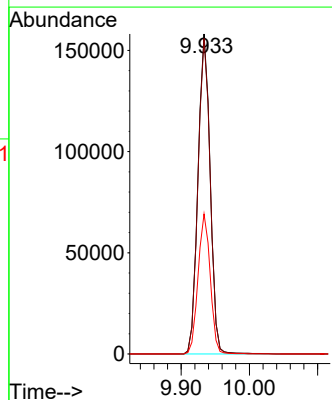
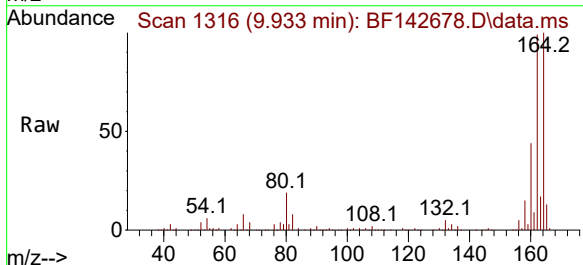
Delta R.T. -0.012 min

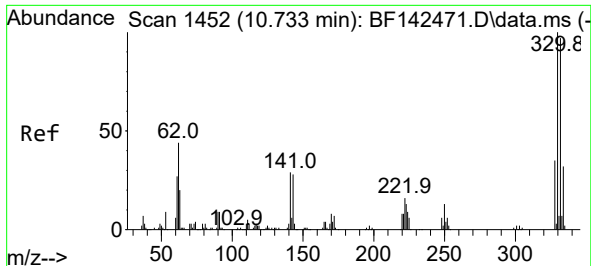
Lab File: BF142678.D

Acq: 07 Jun 2025 08:31

Tgt Ion:164 Resp: 195576

Ion	Ratio	Lower	Upper
164	100		
162	98.6	80.2	120.4
160	43.7	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 80.465 ng

RT: 10.722 min Scan# 1452

Delta R.T. -0.018 min

Lab File: BF142678.D

Acq: 07 Jun 2025 08:31

Instrument :

BNA_F

ClientSampleId :

TP03-MHC

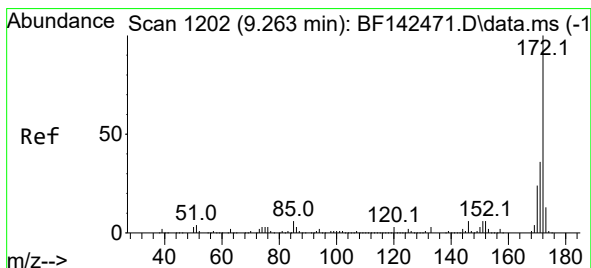
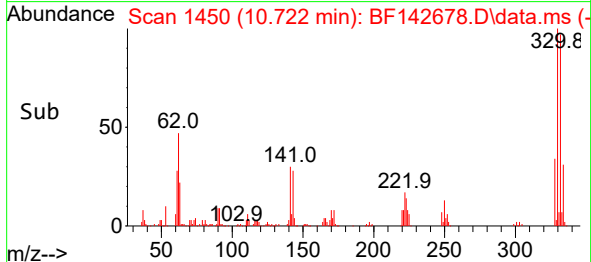
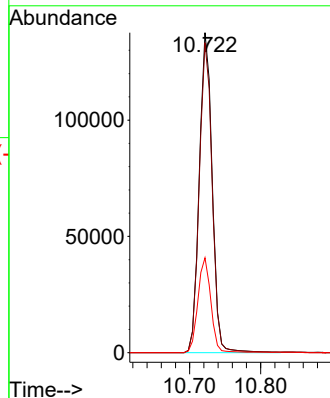
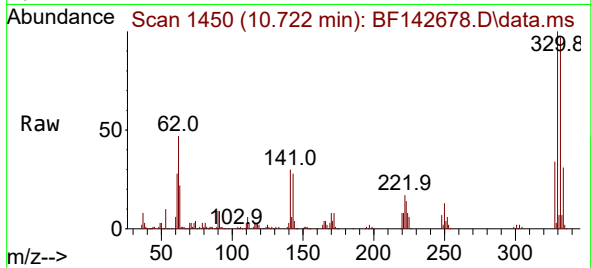
Tgt Ion:330 Resp: 174661

Ion Ratio Lower Upper

330 100

332 96.9 77.6 116.4

141 29.9 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 63.536 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.018 min

Lab File: BF142678.D

Acq: 07 Jun 2025 08:31

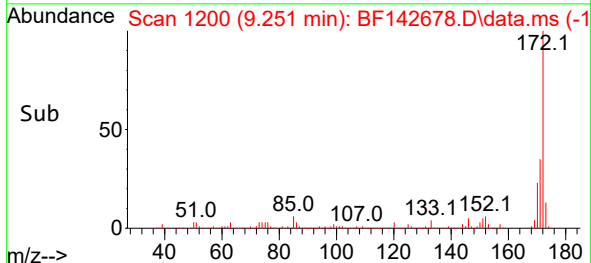
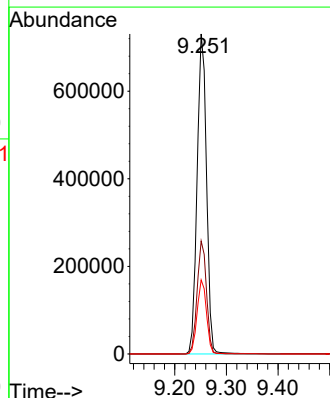
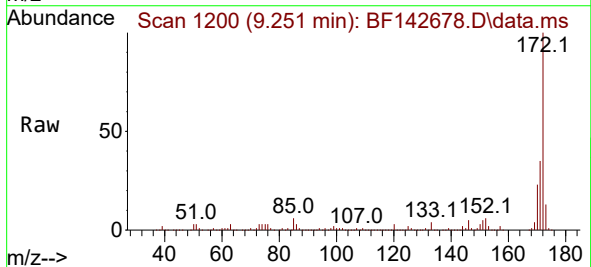
Tgt Ion:172 Resp: 926034

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.1 18.9 28.3

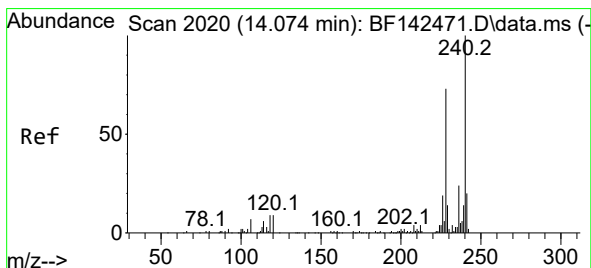
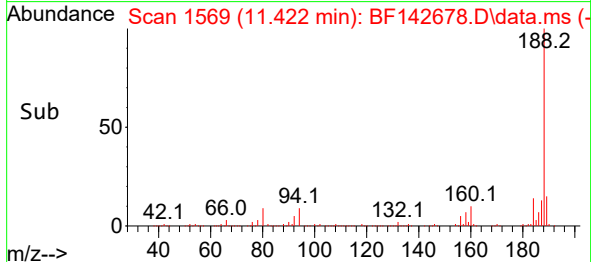
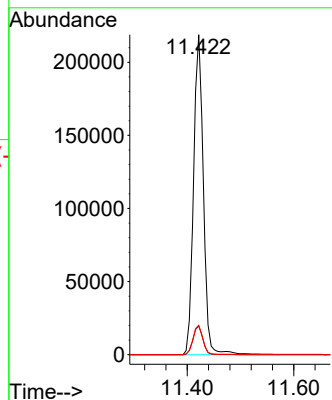
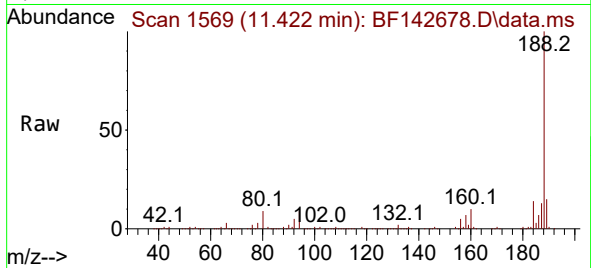




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142678.D
Acq: 07 Jun 2025 08:31

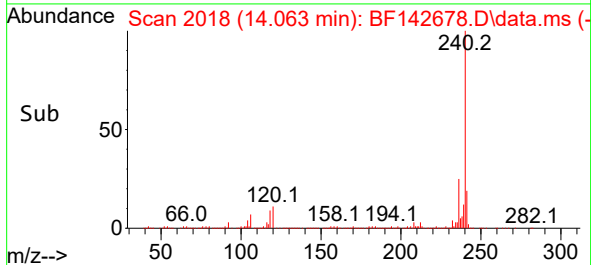
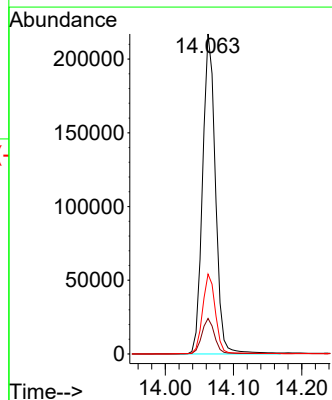
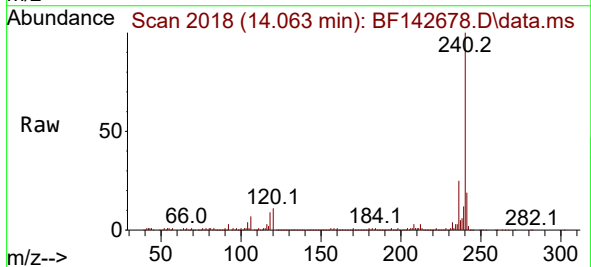
Instrument :
BNA_F
ClientSampleId :
TP03-MHC

Tgt Ion:188 Resp: 280845
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.2 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: BF142678.D
Acq: 07 Jun 2025 08:31

Tgt Ion:240 Resp: 285309
Ion Ratio Lower Upper
240 100
120 11.1 7.5 11.3
236 24.9 19.6 29.4

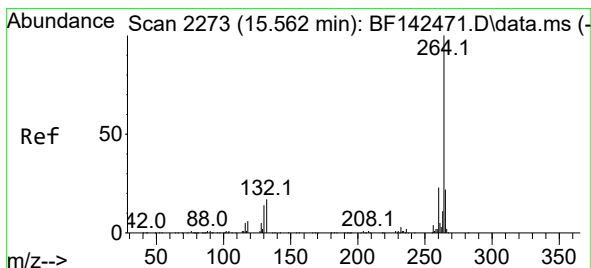
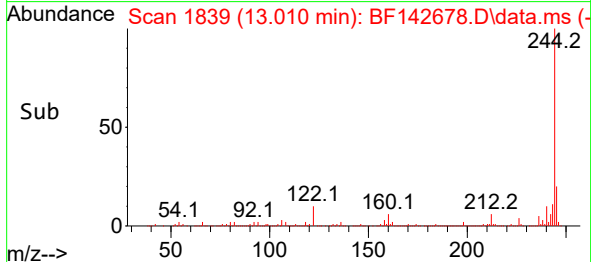
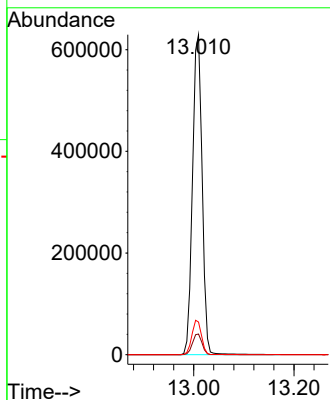
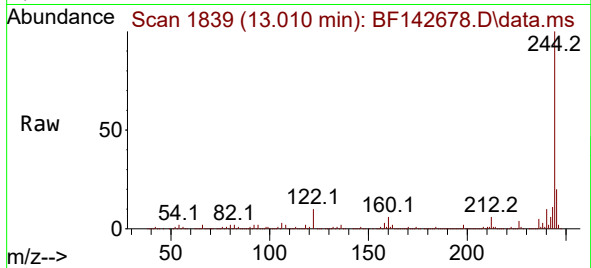




#79
 Terphenyl-d14
 Concen: 40.050 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142678.D
 Acq: 07 Jun 2025 08:31

Instrument :
 BNA_F
 ClientSampleId :
 TP03-MHC

Tgt Ion:244 Resp: 836164
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 10.2 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: BF142678.D
 Acq: 07 Jun 2025 08:31

Tgt Ion:264 Resp: 205643
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.4 17.7 26.5

