

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
 Data File : BF142493.D
 Acq On : 21 May 2025 18:07
 Operator : RC/JU
 Sample : Q2071-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L1-WC-8

Quant Time: May 22 01:01:26 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)

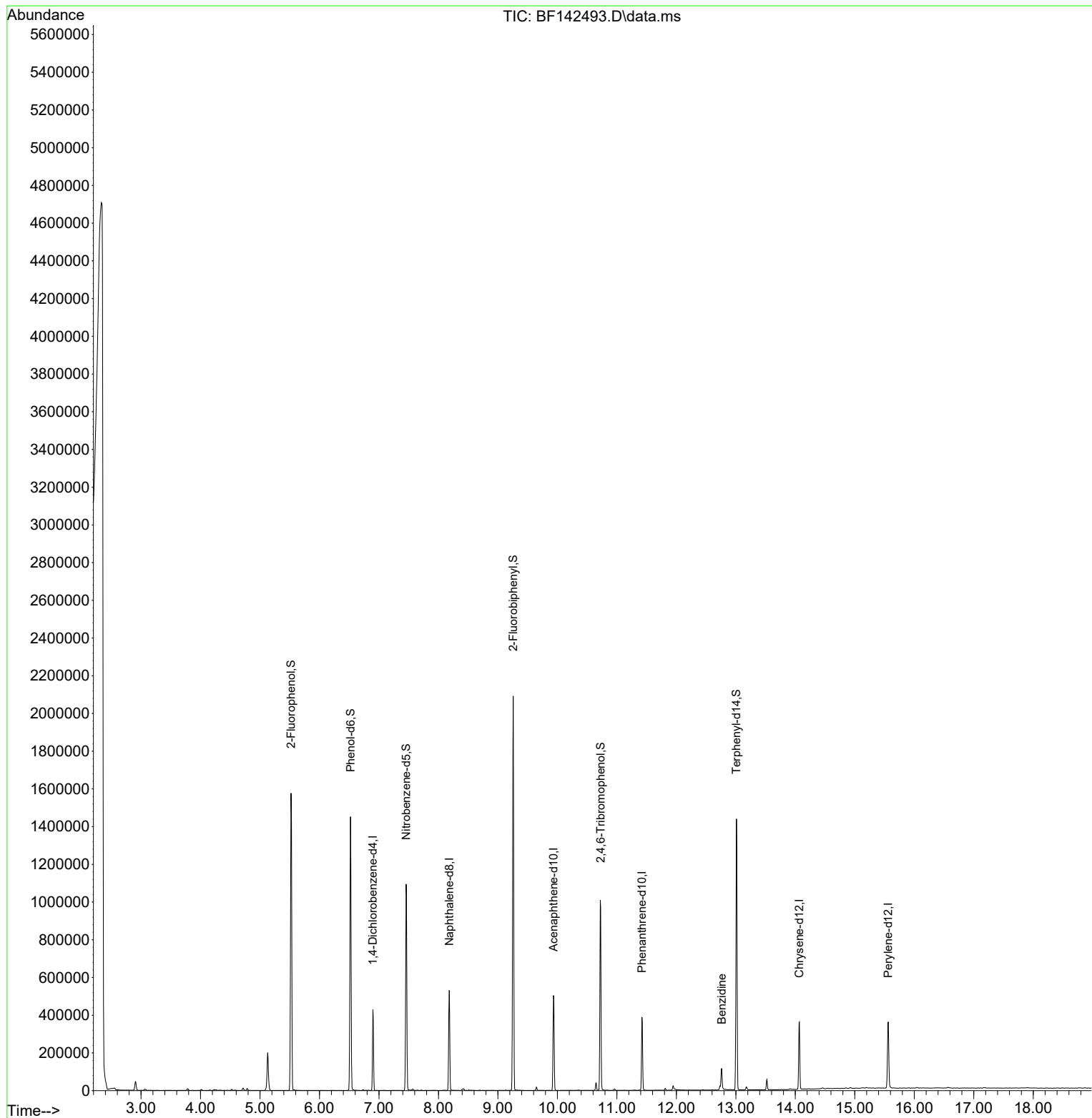
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	92218	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	335633	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	155188	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	208753	20.000	ng	-0.01
76) Chrysene-d12	14.069	240	182605	20.000	ng	0.00
86) Perylene-d12	15.563	264	214720	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	608762	111.216	ng	0.00
7) Phenol-d6	6.522	99	673331	102.190	ng	-0.01
23) Nitrobenzene-d5	7.457	82	478635	77.762	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	182116	105.734	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	931728	80.564	ng	-0.01
79) Terphenyl-d14	13.010	244	699042	52.314	ng	0.00
Target Compounds						
77) Benzidine	12.763	184	68395	10.065	ng	Qvalue 99

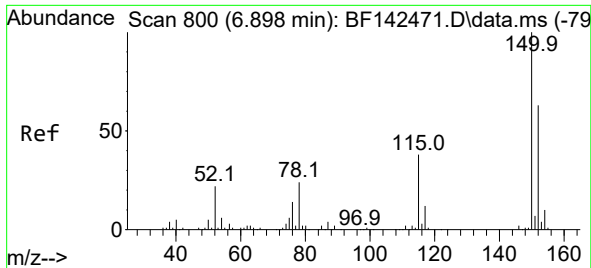
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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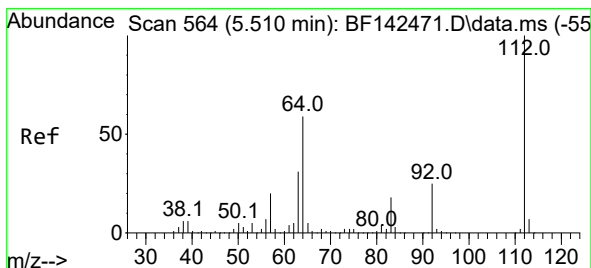
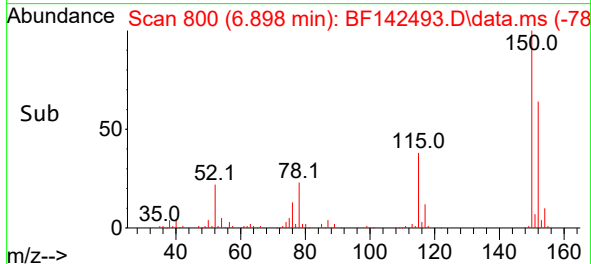
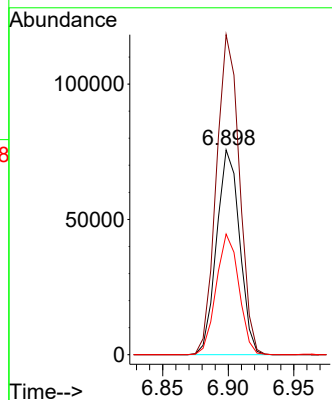
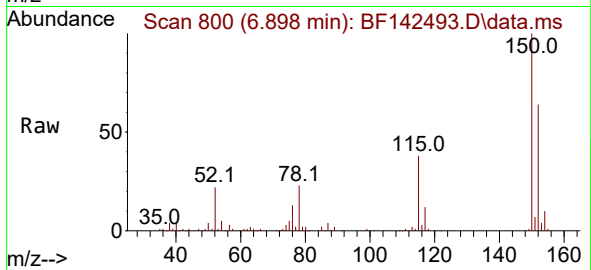




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF142493.D
 Acq: 21 May 2025 18:07

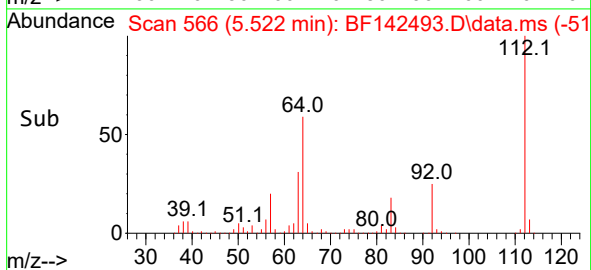
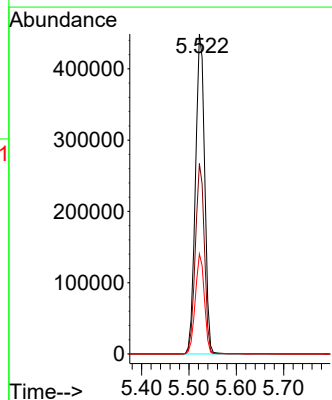
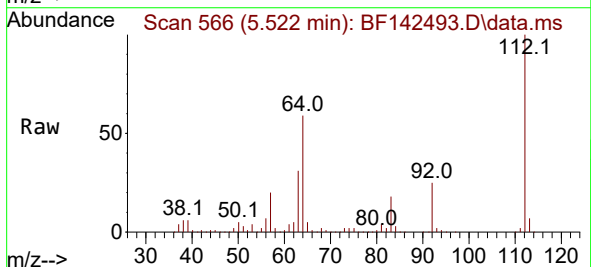
Instrument :
 BNA_F
 ClientSampleId :
 L1-WC-8

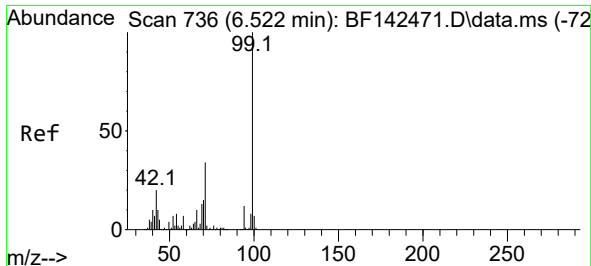
Tgt Ion:152 Resp: 92218
 Ion Ratio Lower Upper
 152 100
 150 156.3 128.2 192.4
 115 58.9 48.3 72.5



#5
 2-Fluorophenol
 Concen: 111.216 ng
 RT: 5.522 min Scan# 566
 Delta R.T. 0.006 min
 Lab File: BF142493.D
 Acq: 21 May 2025 18:07

Tgt Ion:112 Resp: 608762
 Ion Ratio Lower Upper
 112 100
 64 59.5 47.5 71.3
 63 31.2 24.9 37.3





#7
Phenol-d6
Concen: 102.190 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142493.D
Acq: 21 May 2025 18:07

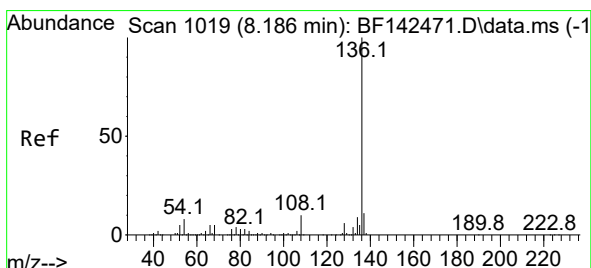
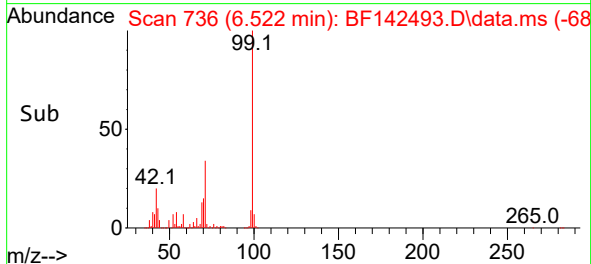
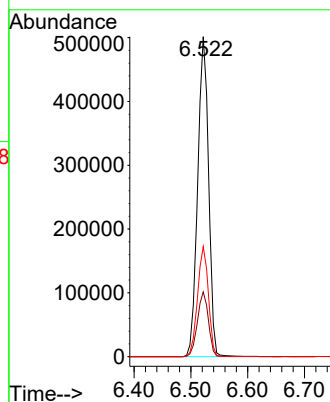
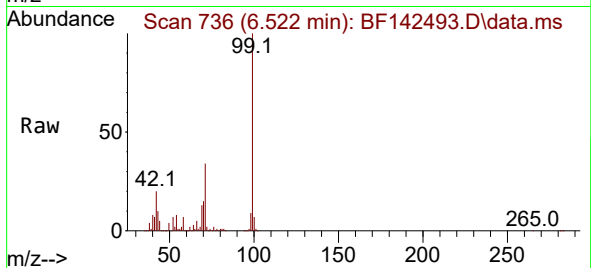
Instrument :

BNA_F

ClientSampleId :

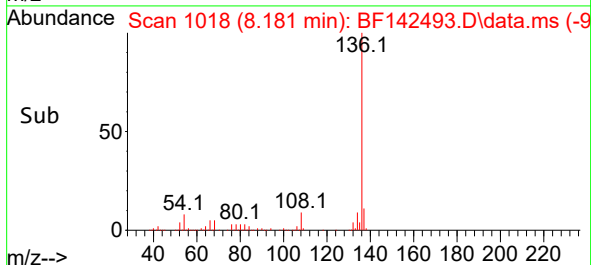
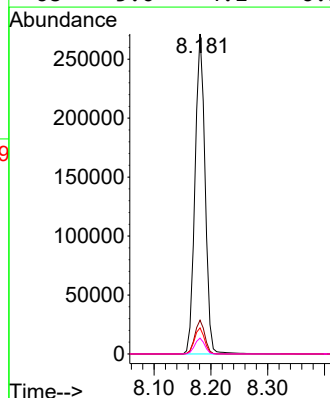
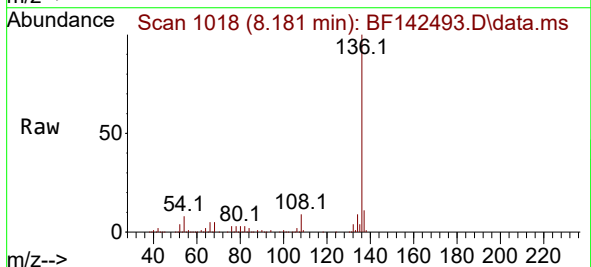
L1-WC-8

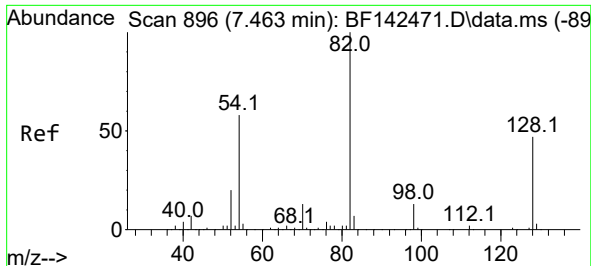
Tgt Ion: 99 Resp: 673331
Ion Ratio Lower Upper
99 100
42 20.3 16.2 24.2
71 34.4 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142493.D
Acq: 21 May 2025 18:07

Tgt Ion:136 Resp: 335633
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.1 6.6 10.0
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 77.762 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF142493.D

Acq: 21 May 2025 18:07

Instrument :

BNA_F

ClientSampleId :

L1-WC-8

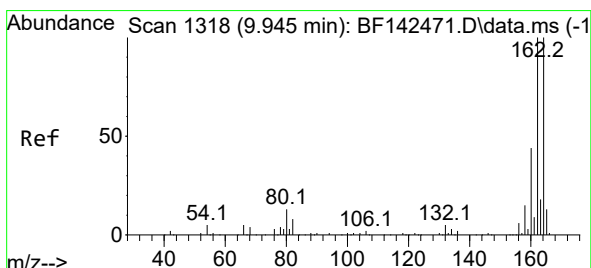
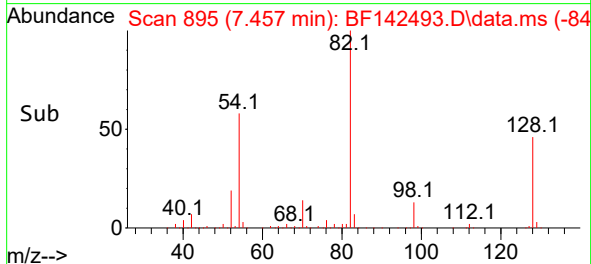
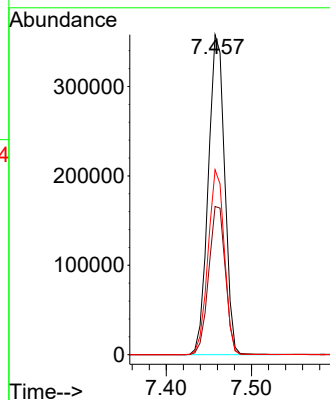
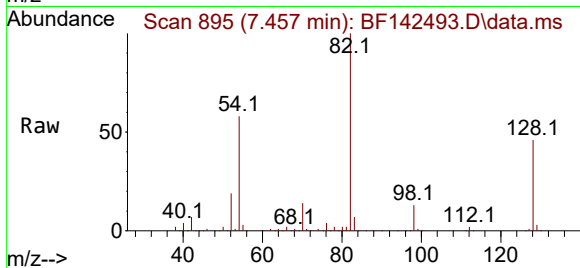
Tgt Ion: 82 Resp: 478635

Ion Ratio Lower Upper

82 100

128 46.3 37.4 56.2

54 57.8 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: BF142493.D

Acq: 21 May 2025 18:07

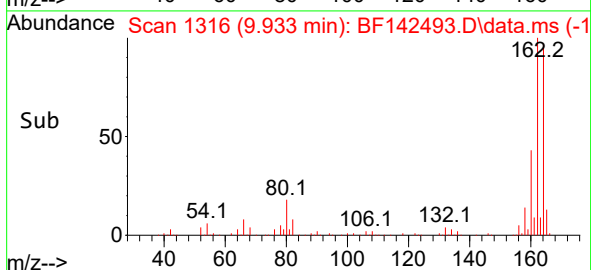
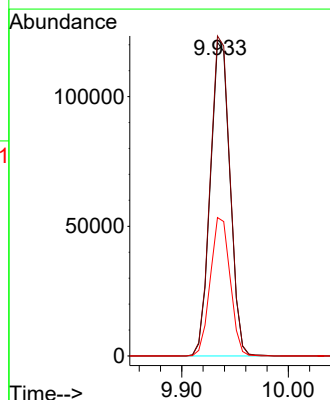
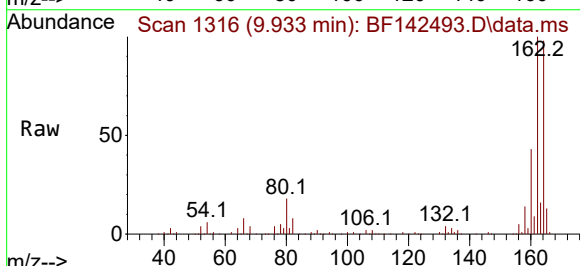
Tgt Ion:164 Resp: 155188

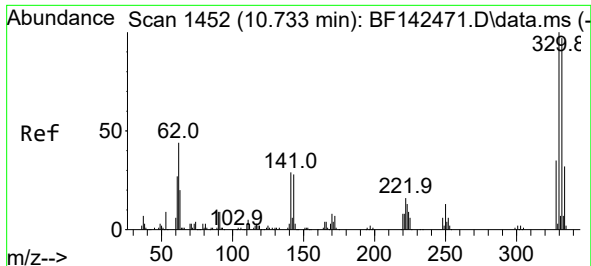
Ion Ratio Lower Upper

164 100

162 102.0 80.2 120.4

160 44.1 35.6 53.4

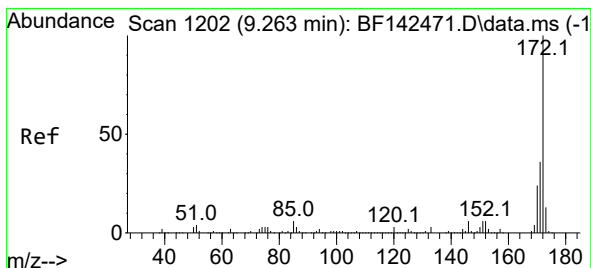
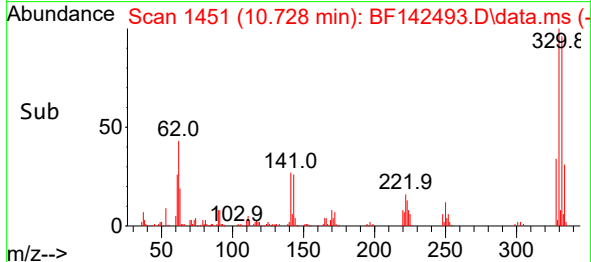
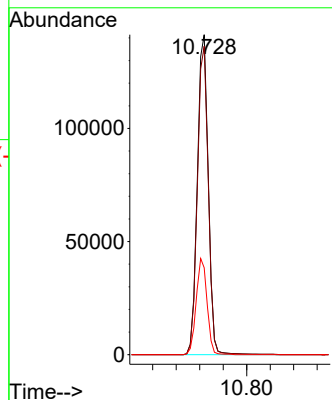
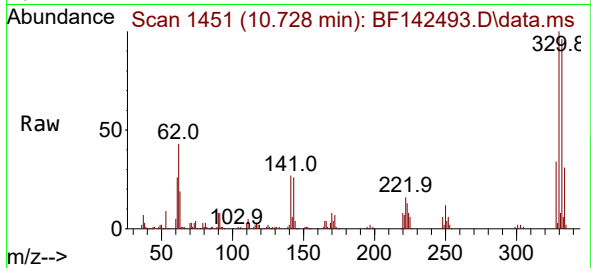




#42
2,4,6-Tribromophenol
Concen: 105.734 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142493.D
Acq: 21 May 2025 18:07

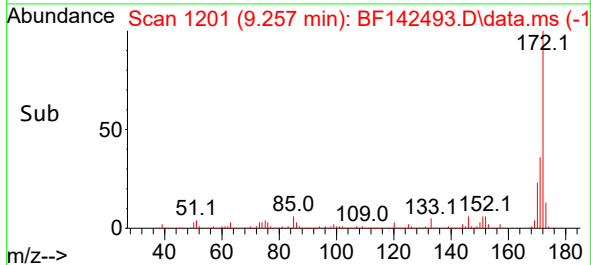
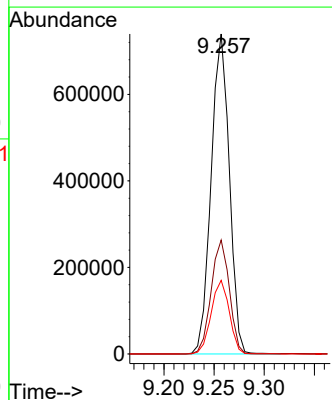
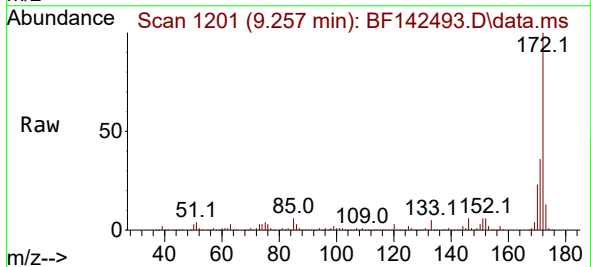
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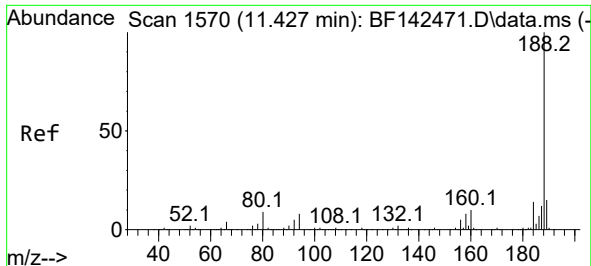
Tgt Ion:330 Resp: 182116
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 29.8 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 80.564 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142493.D
Acq: 21 May 2025 18:07

Tgt Ion:172 Resp: 931728
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.0 18.9 28.3

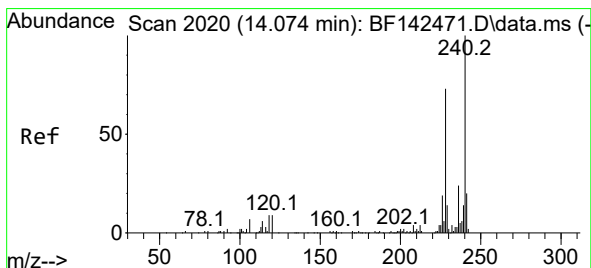
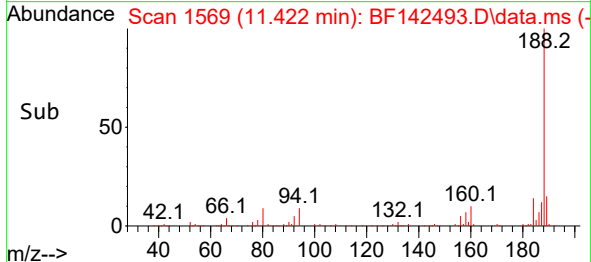
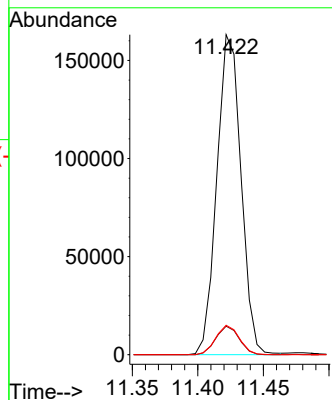
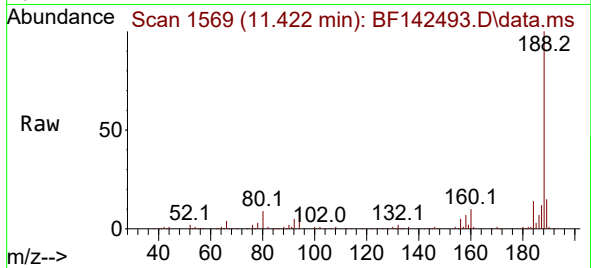




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142493.D
Acq: 21 May 2025 18:07

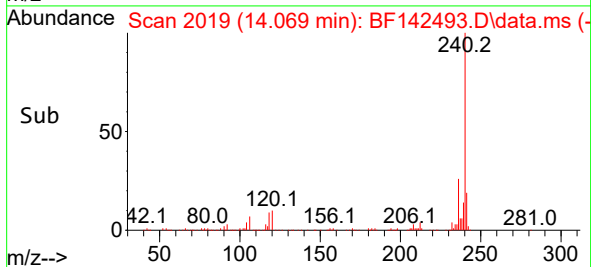
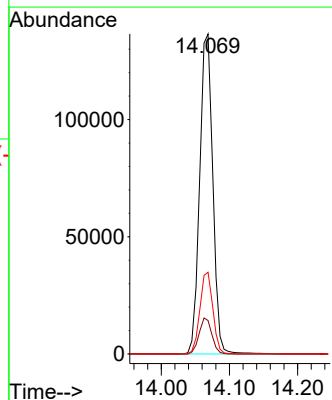
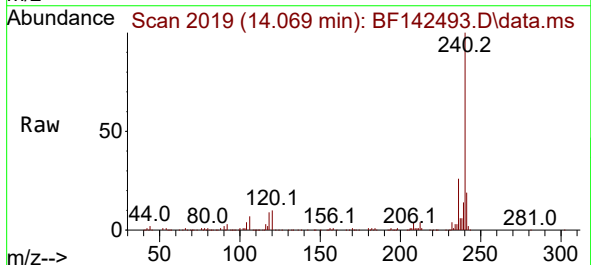
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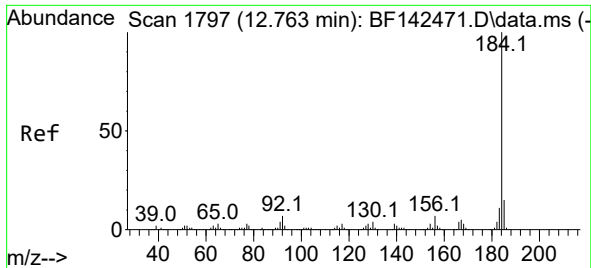
Tgt Ion:188 Resp: 208753
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.2 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142493.D
Acq: 21 May 2025 18:07

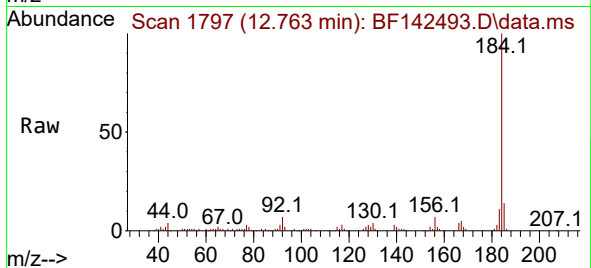
Tgt Ion:240 Resp: 182605
Ion Ratio Lower Upper
240 100
120 10.5 7.5 11.3
236 25.6 19.6 29.4



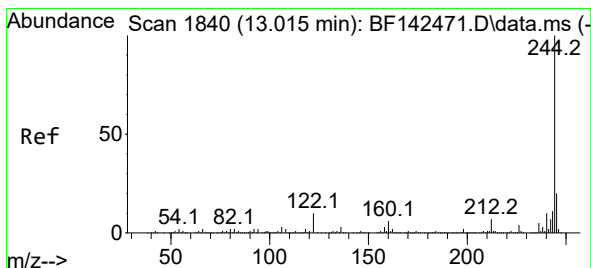
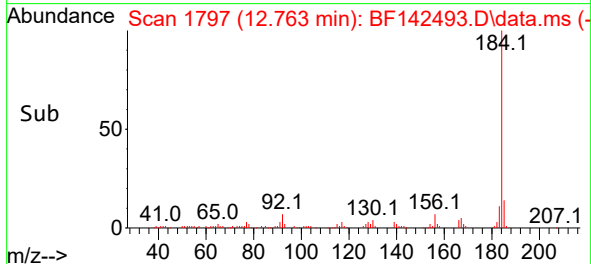
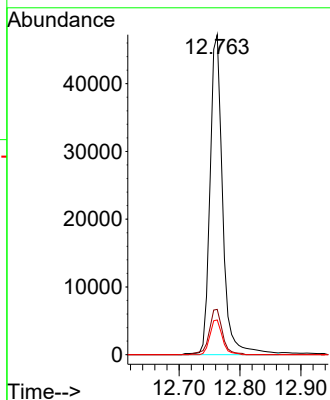


#77
Benzidine
Concen: 10.065 ng
RT: 12.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142493.D
Acq: 21 May 2025 18:07

Instrument :
BNA_F
ClientSampleId :
L1-WC-8

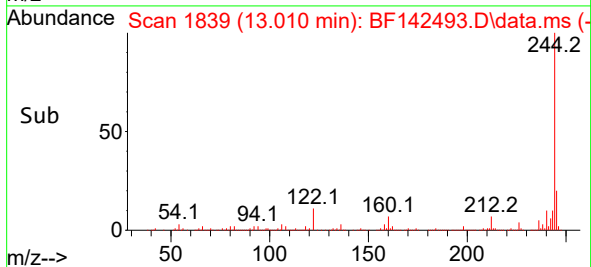
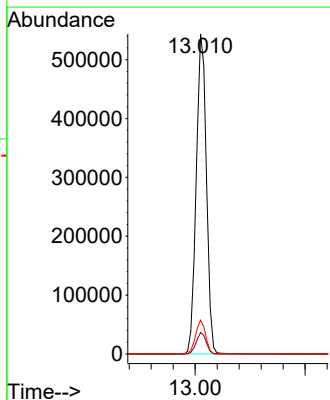
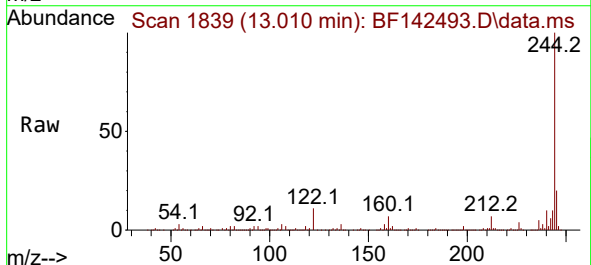


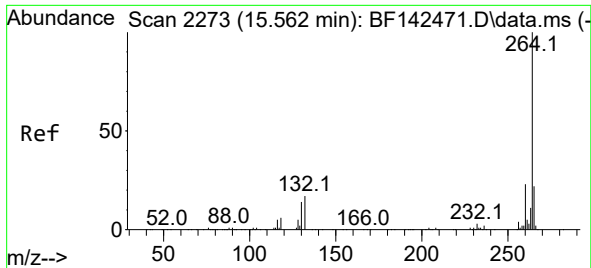
Tgt Ion:184 Resp: 68395
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 10.9 9.0 13.4



#79
Terphenyl-d14
Concen: 52.314 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142493.D
Acq: 21 May 2025 18:07

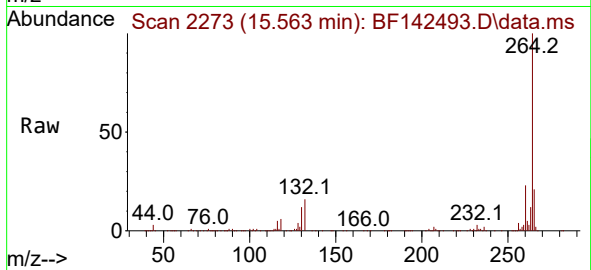
Tgt Ion:244 Resp: 699042
Ion Ratio Lower Upper
244 100
212 6.7 5.3 7.9
122 10.5 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142493.D
Acq: 21 May 2025 18:07

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:264 Resp: 214720
Ion Ratio Lower Upper
264 100
260 22.7 18.6 28.0
265 21.3 17.7 26.5

