

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
 Data File : BF142485.D
 Acq On : 21 May 2025 14:08
 Operator : RC/JU
 Sample : Q2074-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-18

Quant Time: May 21 14:29:34 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	67930	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	254867	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	129671	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	218550	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	178101	20.000	ng	-0.01
86) Perylene-d12	15.557	264	150145	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	322080	79.880	ng	-0.01
7) Phenol-d6	6.516	99	397987	81.998	ng	-0.02
23) Nitrobenzene-d5	7.457	82	217256	46.482	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	114787	79.758	ng	-0.02
45) 2-Fluorobiphenyl	9.257	172	449345	46.499	ng	-0.01
79) Terphenyl-d14	13.010	244	516964	39.666	ng	0.00

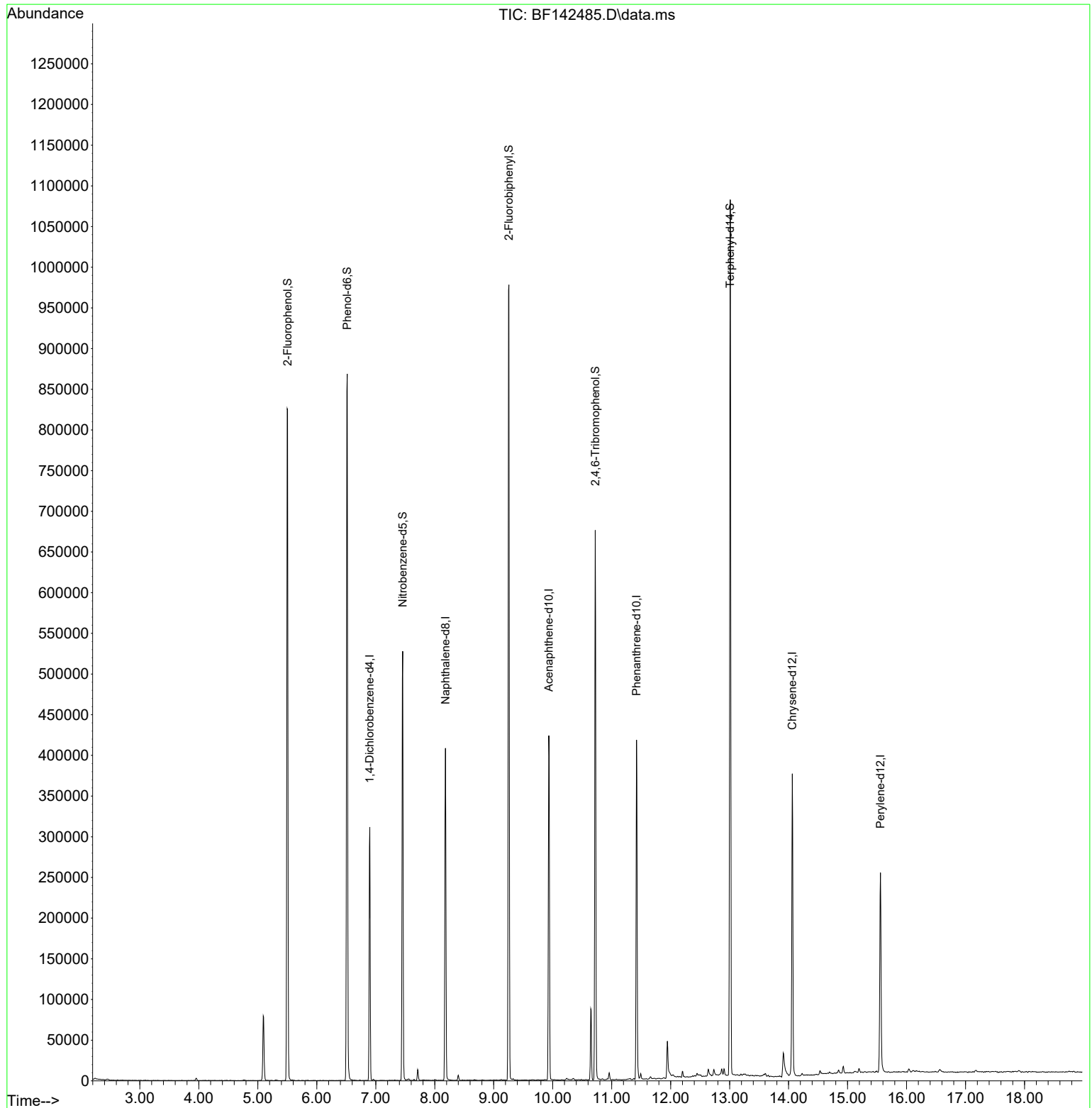
Target Compounds	Qvalue

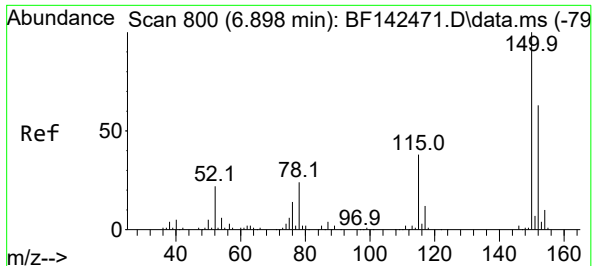
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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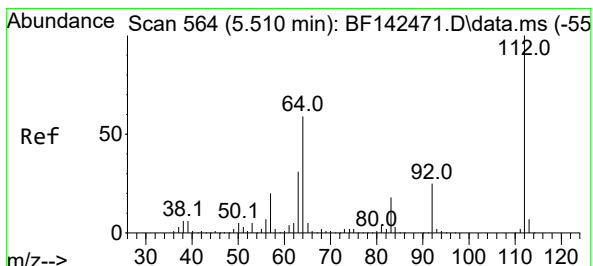
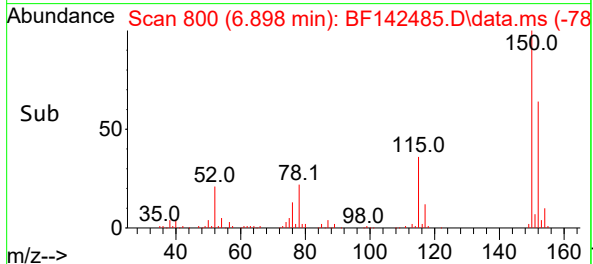
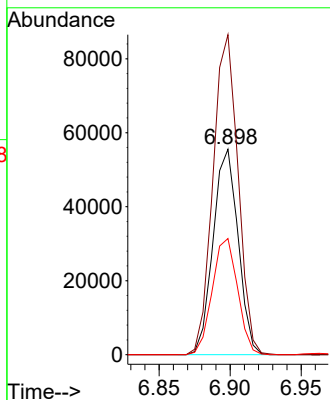
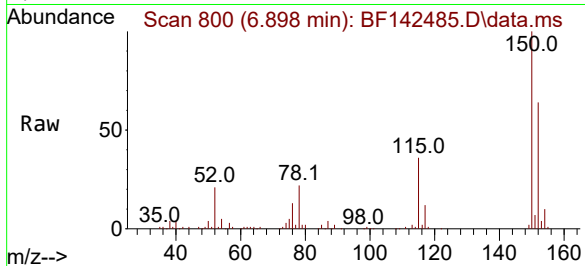




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142485.D
Acq: 21 May 2025 14:08

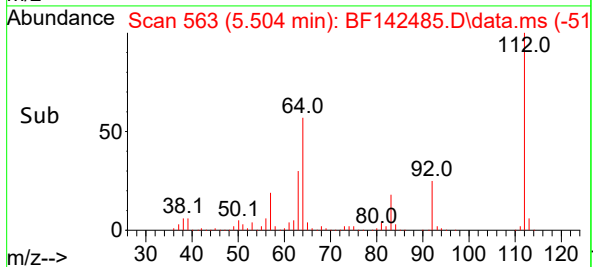
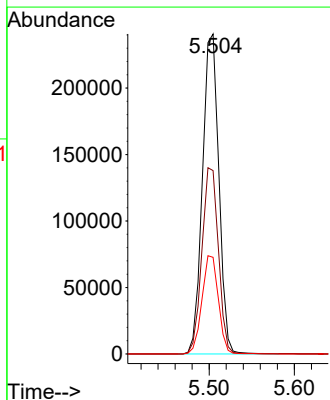
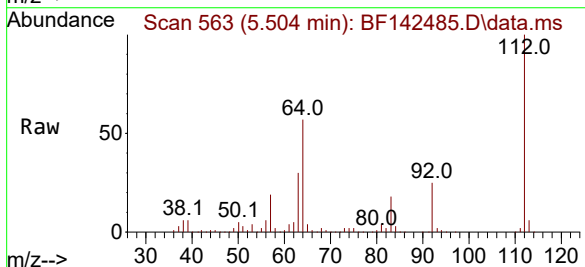
Instrument :
BNA_F
ClientSampleId :
TP-18

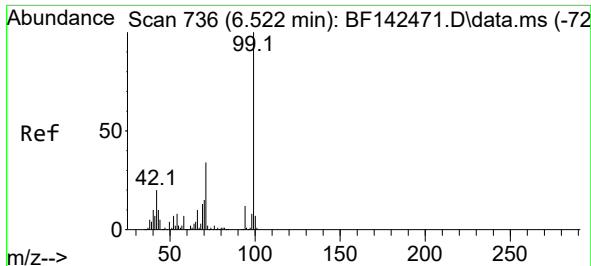
Tgt Ion:152 Resp: 67930
Ion Ratio Lower Upper
152 100
150 155.7 128.2 192.4
115 56.5 48.3 72.5



#5
2-Fluorophenol
Concen: 79.880 ng
RT: 5.504 min Scan# 563
Delta R.T. -0.012 min
Lab File: BF142485.D
Acq: 21 May 2025 14:08

Tgt Ion:112 Resp: 322080
Ion Ratio Lower Upper
112 100
64 57.3 47.5 71.3
63 30.2 24.9 37.3





#7
Phenol-d6
Concen: 81.998 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF142485.D
Acq: 21 May 2025 14:08

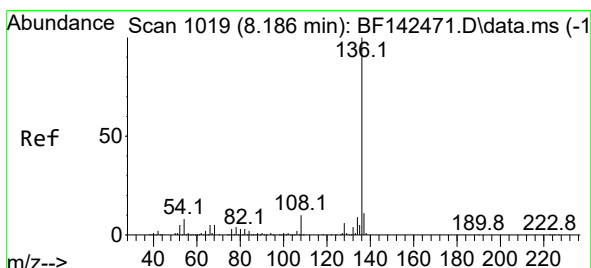
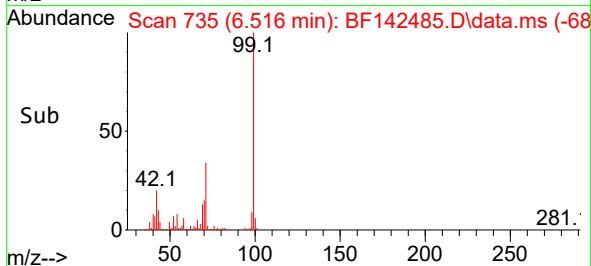
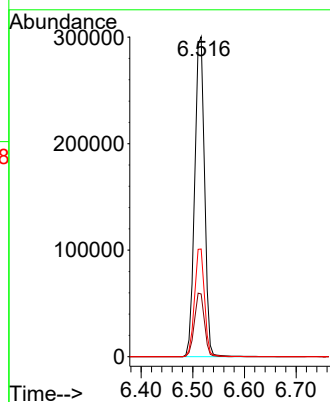
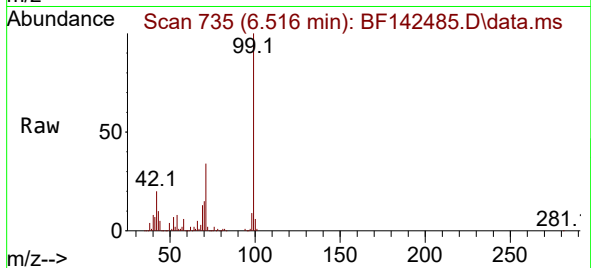
Instrument :

BNA_F

ClientSampleId :

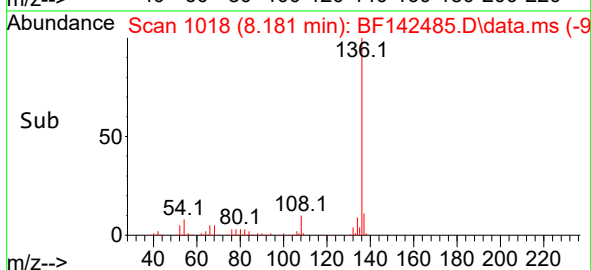
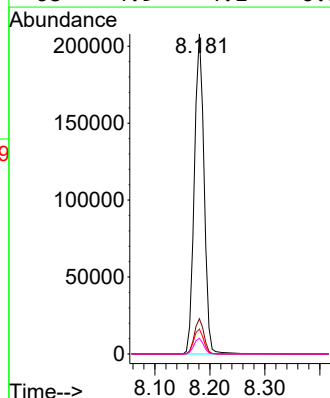
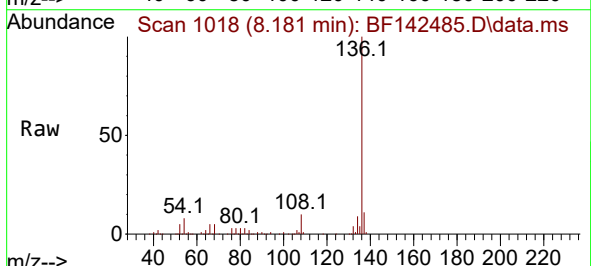
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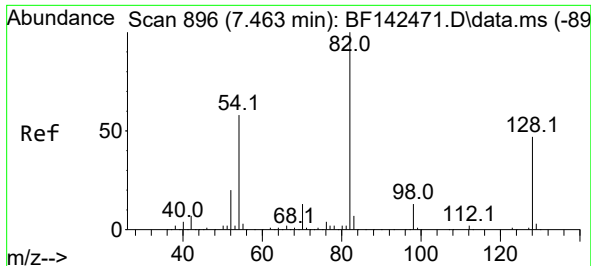
Tgt Ion: 99 Resp: 397987
Ion Ratio Lower Upper
99 100
42 19.6 16.2 24.2
71 33.7 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142485.D
Acq: 21 May 2025 14:08

Tgt Ion:136 Resp: 254867
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.8 6.6 10.0
68 4.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 46.482 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF142485.D

Acq: 21 May 2025 14:08

Instrument :

BNA_F

ClientSampleId :

TP-18

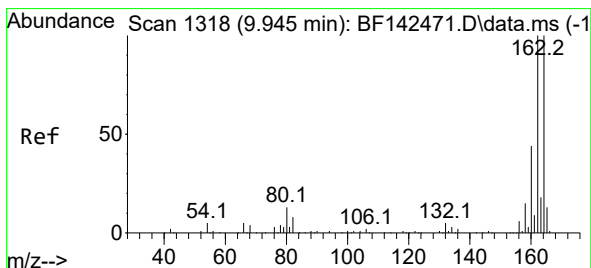
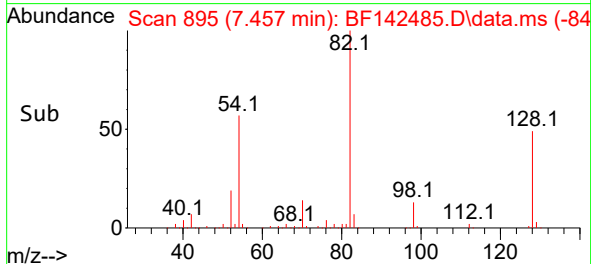
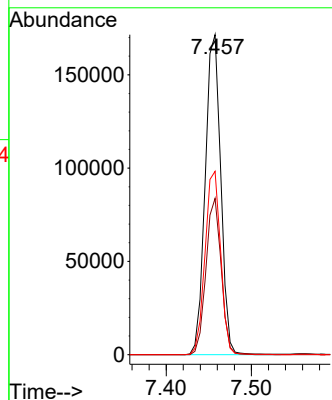
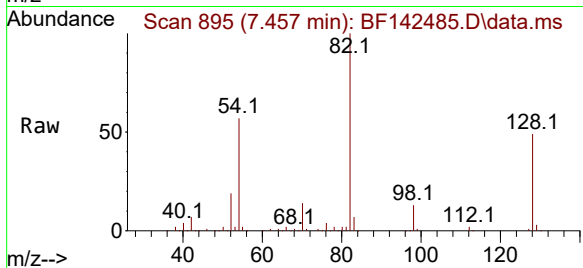
Tgt Ion: 82 Resp: 217256

Ion Ratio Lower Upper

82 100

128 48.9 37.4 56.2

54 57.3 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

Delta R.T. -0.011 min

Lab File: BF142485.D

Acq: 21 May 2025 14:08

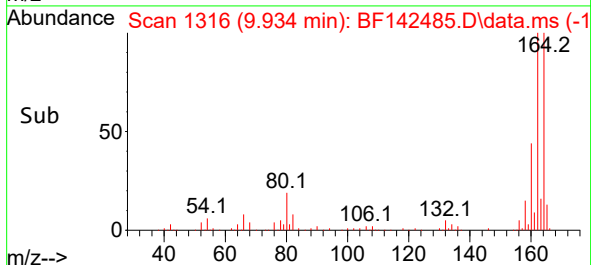
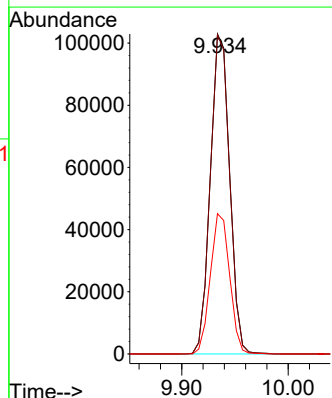
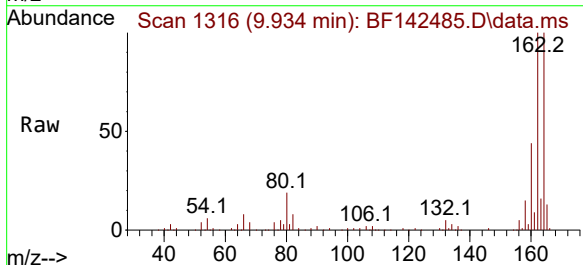
Tgt Ion:164 Resp: 129671

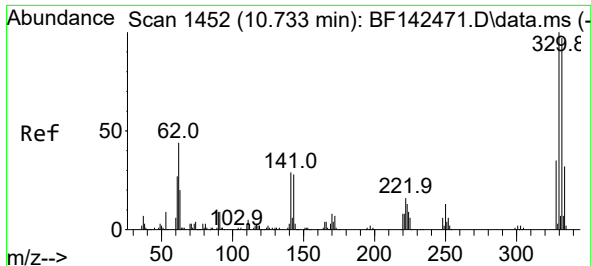
Ion Ratio Lower Upper

164 100

162 99.8 80.2 120.4

160 43.8 35.6 53.4

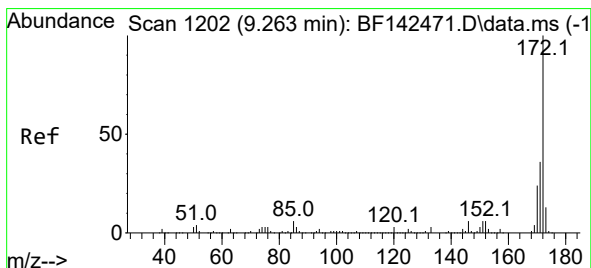
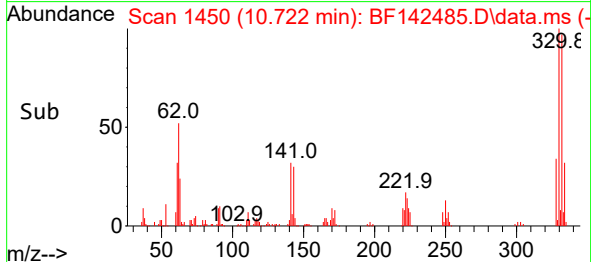
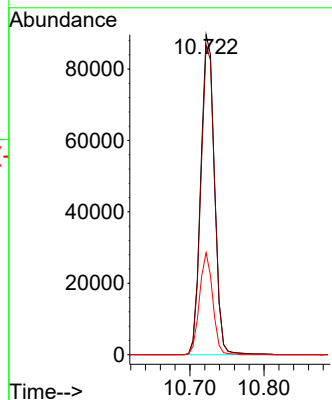
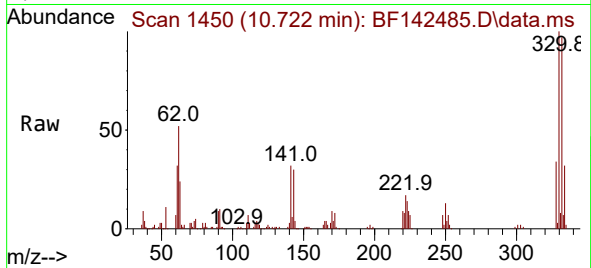




#42
 2,4,6-Tribromophenol
 Concen: 79.758 ng
 RT: 10.722 min Scan# 1450
 Delta R.T. -0.017 min
 Lab File: BF142485.D
 Acq: 21 May 2025 14:08

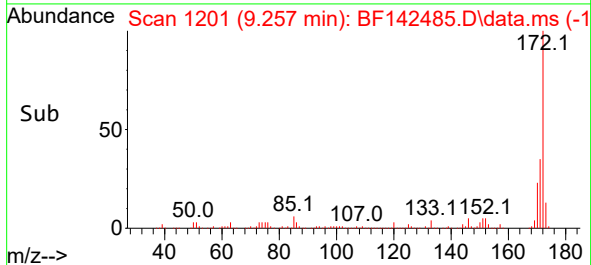
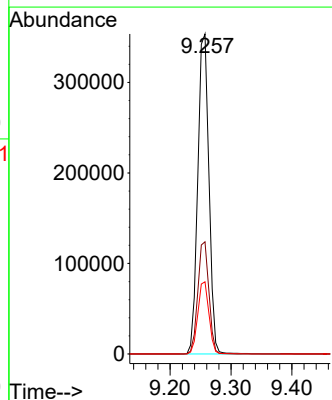
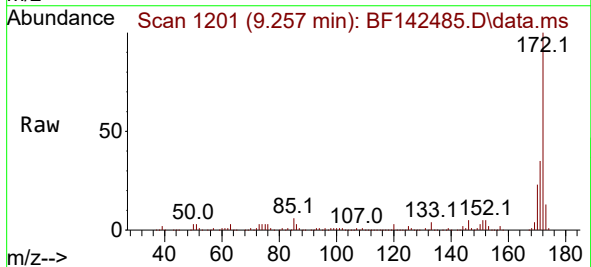
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 TP-18

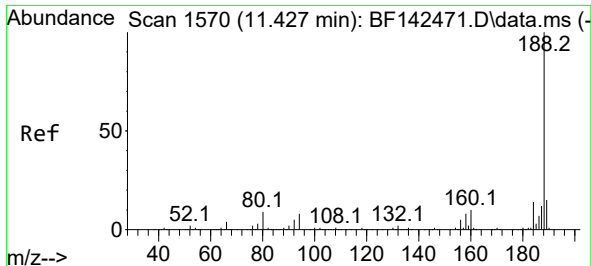
Tgt Ion:330 Resp: 114787
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.6 116.4
 141 30.5 24.6 36.8



#45
 2-Fluorobiphenyl
 Concen: 46.499 ng
 RT: 9.257 min Scan# 1201
 Delta R.T. -0.011 min
 Lab File: BF142485.D
 Acq: 21 May 2025 14:08

Tgt Ion:172 Resp: 449345
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 22.6 18.9 28.3

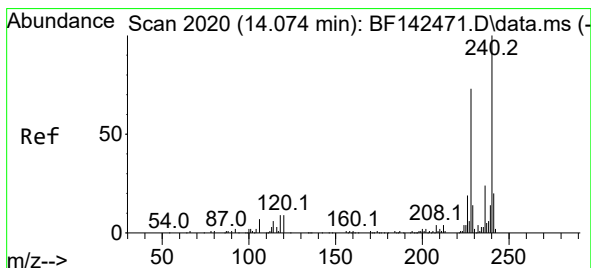
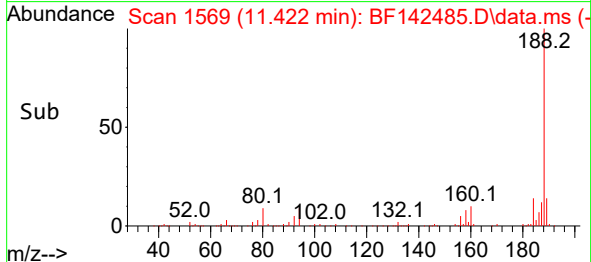
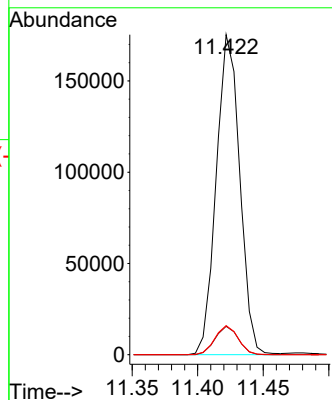
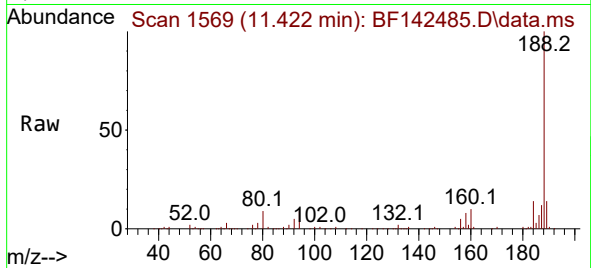




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF142485.D
Acq: 21 May 2025 14:08

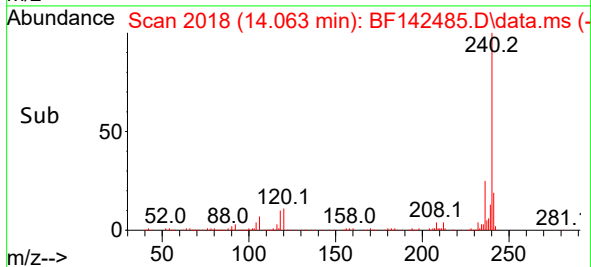
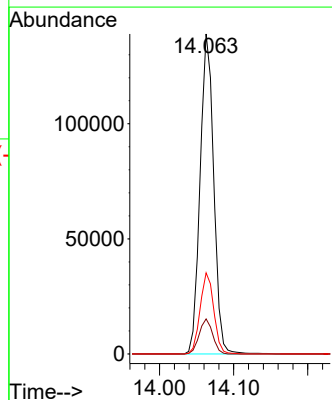
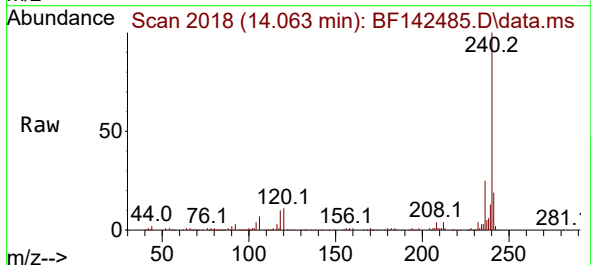
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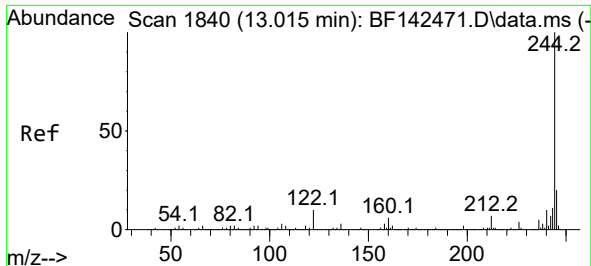
Tgt Ion:188 Resp: 218550
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.1 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.011 min
Lab File: BF142485.D
Acq: 21 May 2025 14:08

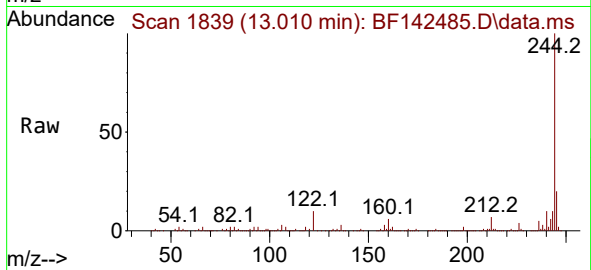
Tgt Ion:240 Resp: 178101
Ion Ratio Lower Upper
240 100
120 11.0 7.5 11.3
236 25.4 19.6 29.4



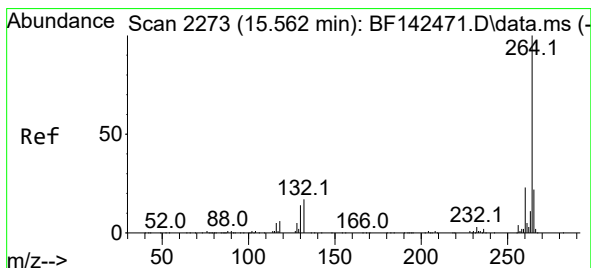
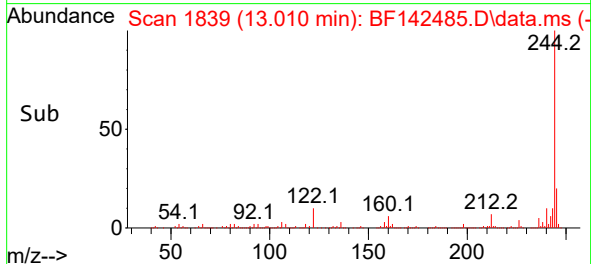
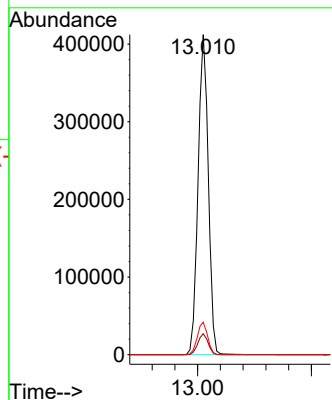


#79
 Terphenyl-d14
 Concen: 39.666 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142485.D
 Acq: 21 May 2025 14:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-18



Tgt Ion:244 Resp: 516964
 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: BF142485.D
 Acq: 21 May 2025 14:08

Tgt Ion:264 Resp: 150145
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.1 17.7 26.5

