

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
 Data File : BF142573.D
 Acq On : 30 May 2025 16:49
 Operator : RC/JU
 Sample : Q2151-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: May 30 17:40:21 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	116550	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	440384	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	228526	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	360798	20.000	ng	-0.01
76) Chrysene-d12	14.069	240	206923	20.000	ng	0.00
86) Perylene-d12	15.563	264	228204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	529913	76.600	ng	0.00
7) Phenol-d6	6.516	99	652089	78.305	ng	-0.02
23) Nitrobenzene-d5	7.457	82	391151	48.433	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	183077	72.181	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	779712	45.783	ng	-0.01
79) Terphenyl-d14	13.010	244	628932	41.535	ng	0.00

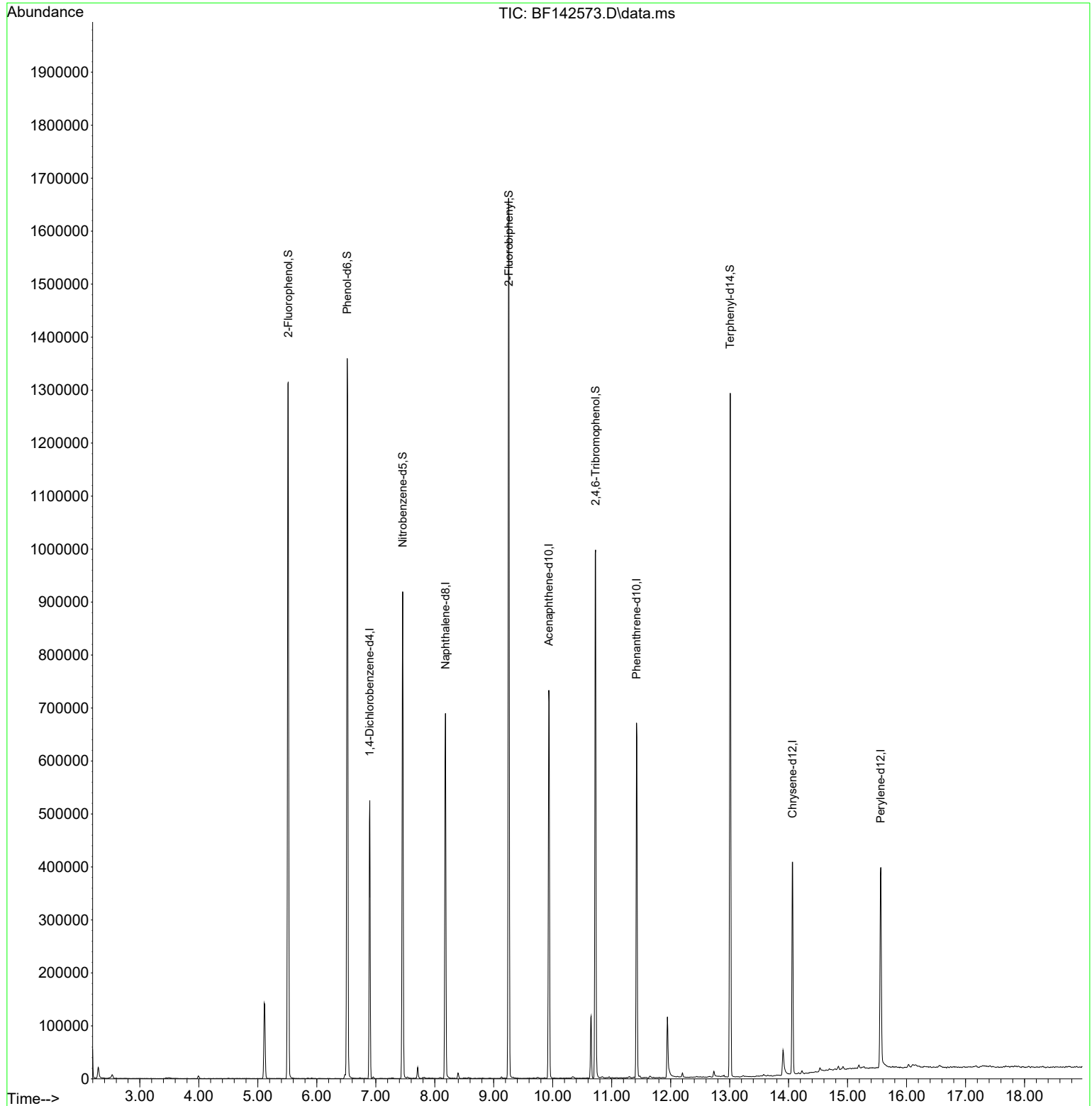
Target Compounds	Qvalue

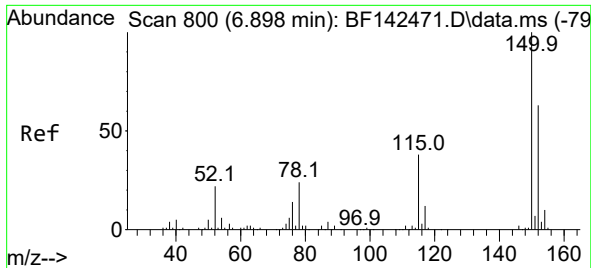
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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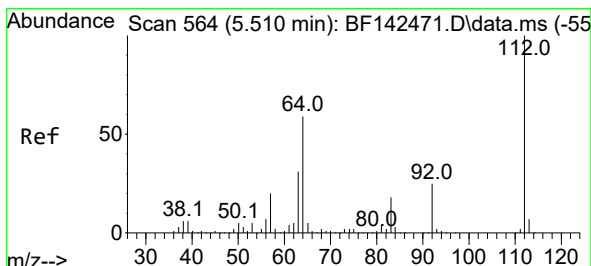
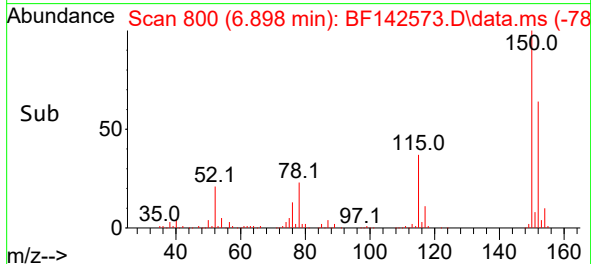
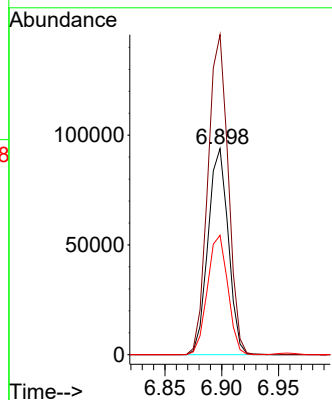
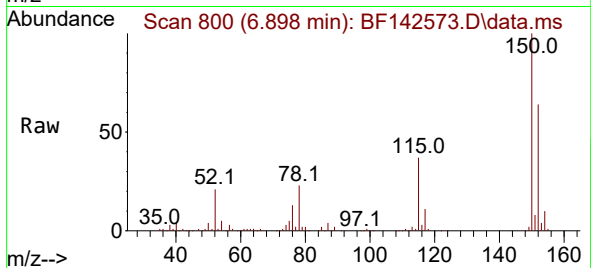




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142573.D
Acq: 30 May 2025 16:49

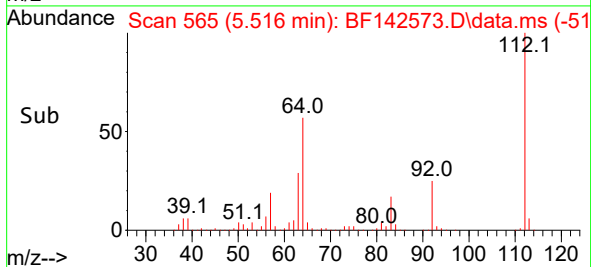
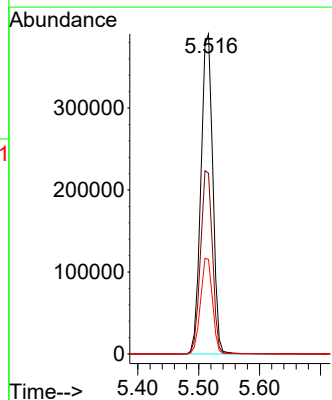
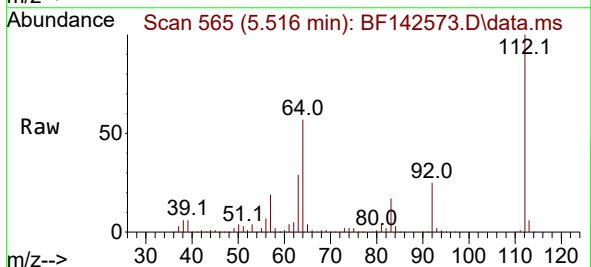
Instrument :
BNA_F
ClientSampleId :
WC-1

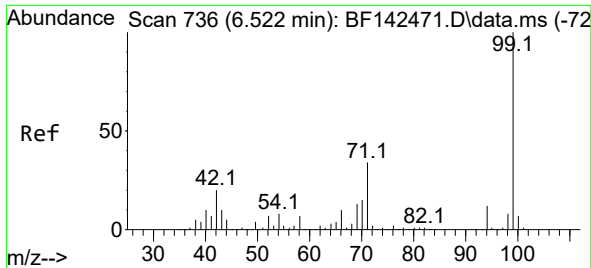
Tgt Ion:152 Resp: 116550
Ion Ratio Lower Upper
152 100
150 155.3 128.2 192.4
115 57.9 48.3 72.5



#5
2-Fluorophenol
Concen: 76.600 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.000 min
Lab File: BF142573.D
Acq: 30 May 2025 16:49

Tgt Ion:112 Resp: 529913
Ion Ratio Lower Upper
112 100
64 56.5 47.5 71.3
63 29.5 24.9 37.3

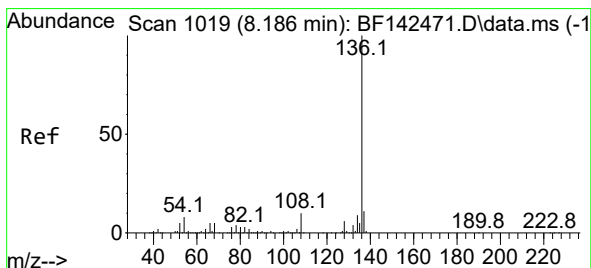
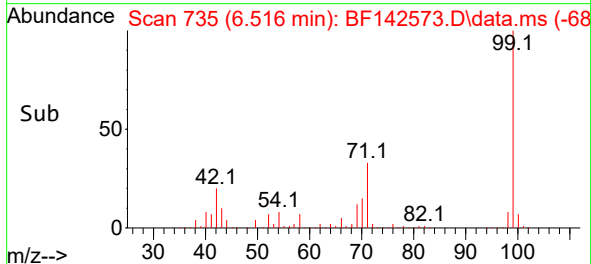
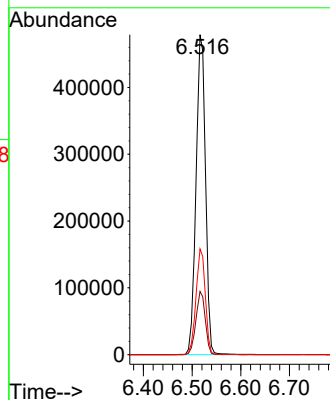
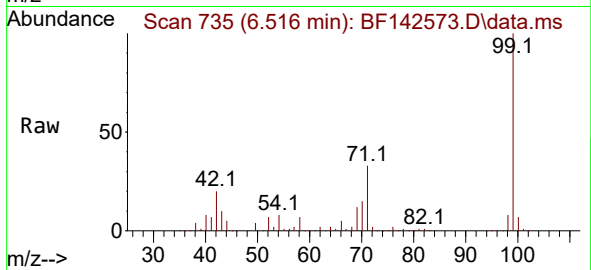




#7
Phenol-d6
Concen: 78.305 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF142573.D
Acq: 30 May 2025 16:49

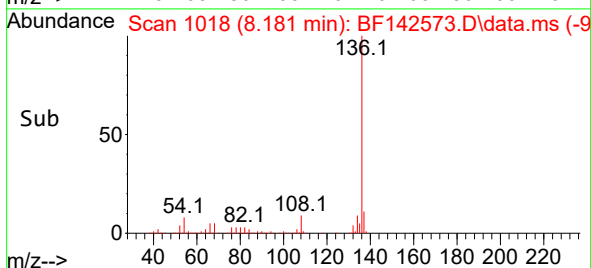
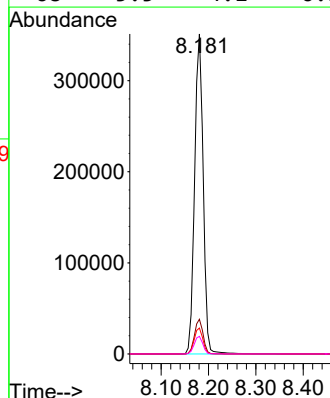
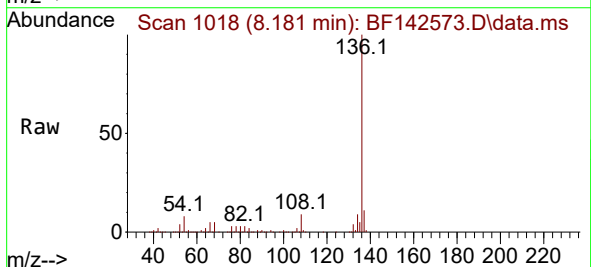
Instrument :
BNA_F
ClientSampleId :
WC-1

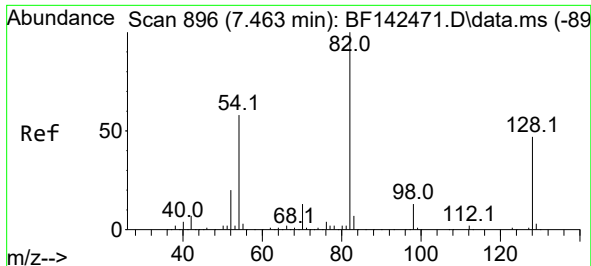
Tgt Ion: 99 Resp: 652089
Ion Ratio Lower Upper
99 100
42 19.7 16.2 24.2
71 33.0 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142573.D
Acq: 30 May 2025 16:49

Tgt Ion: 136 Resp: 440384
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.1 6.6 10.0
68 5.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 48.433 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF142573.D

Acq: 30 May 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-1

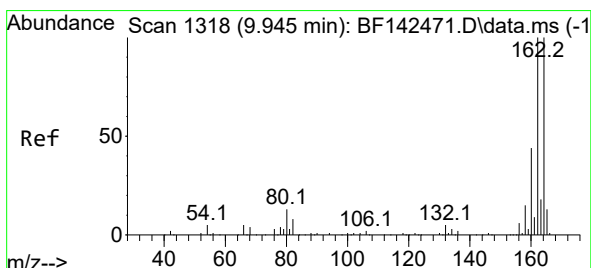
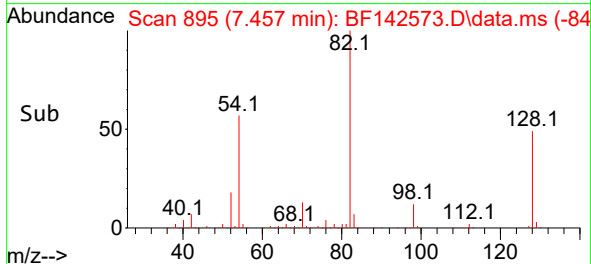
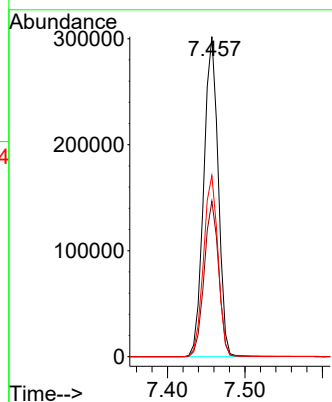
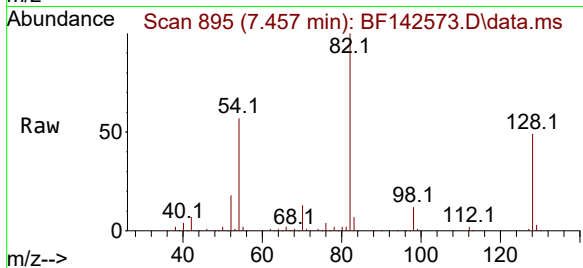
Tgt Ion: 82 Resp: 391151

Ion Ratio Lower Upper

82 100

128 48.6 37.4 56.2

54 56.6 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142573.D

Acq: 30 May 2025 16:49

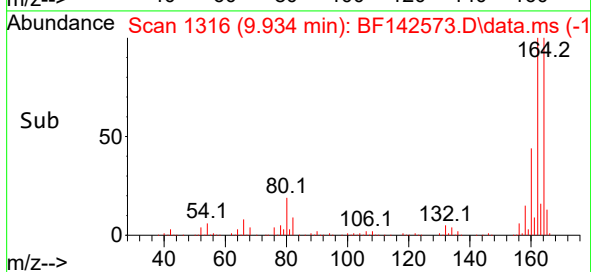
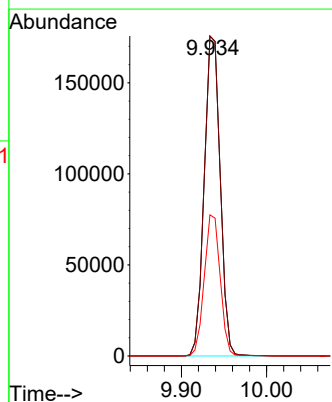
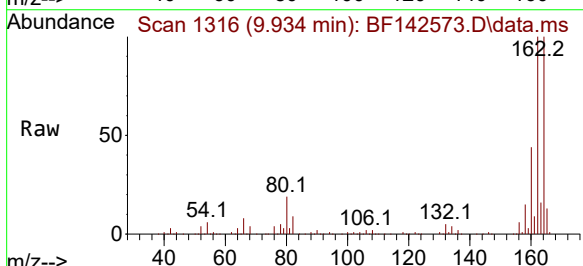
Tgt Ion:164 Resp: 228526

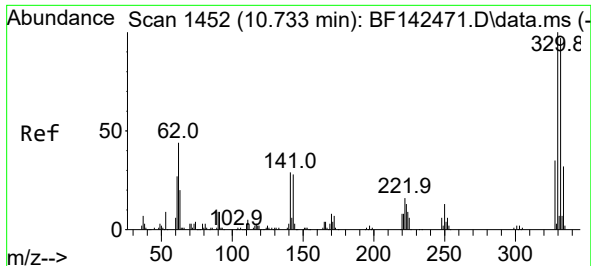
Ion Ratio Lower Upper

164 100

162 100.1 80.2 120.4

160 44.1 35.6 53.4

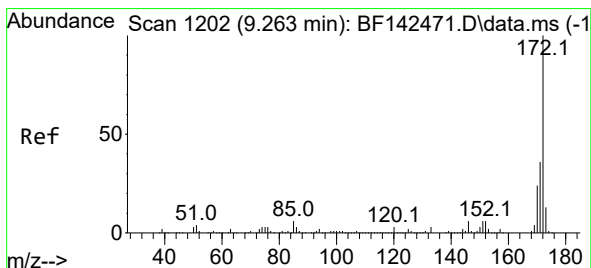
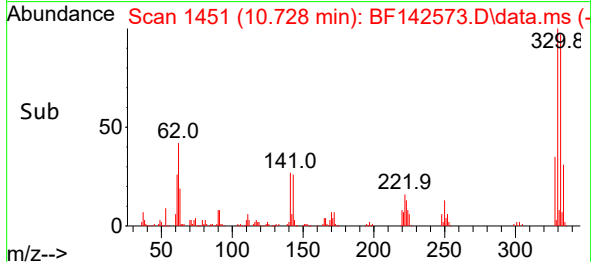
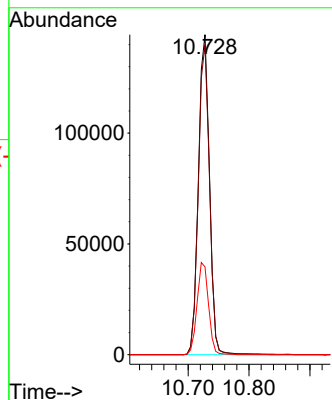
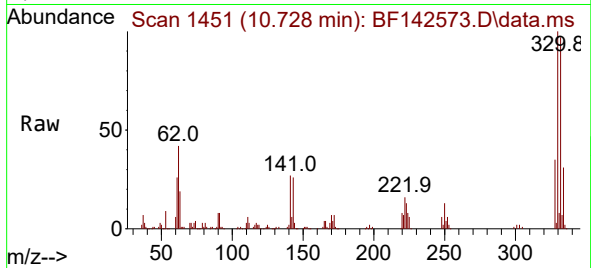




#42
2,4,6-Tribromophenol
Concen: 72.181 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142573.D
Acq: 30 May 2025 16:49

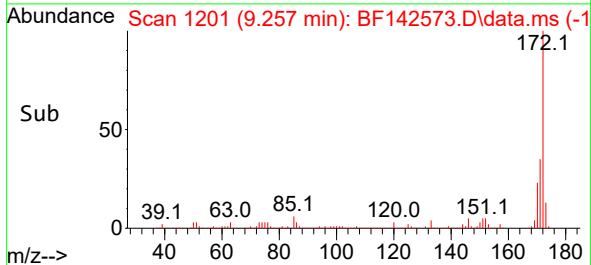
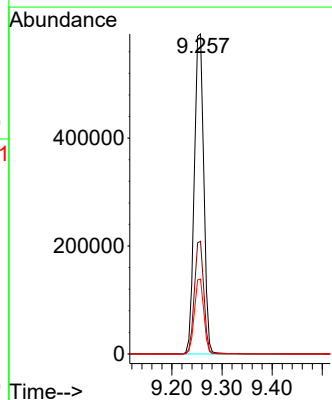
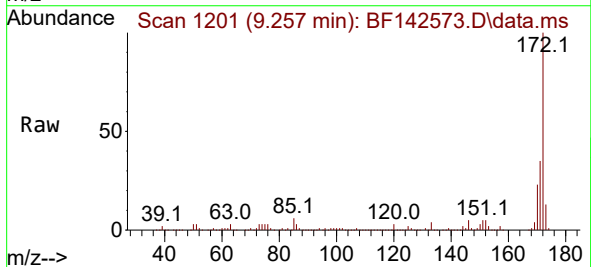
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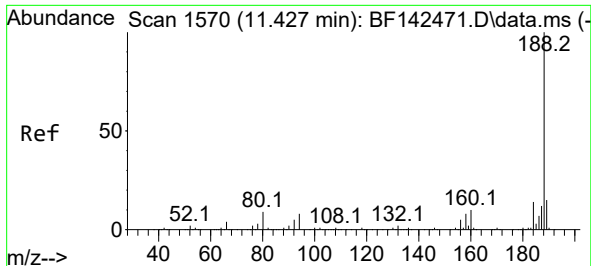
Tgt Ion:330 Resp: 183077
Ion Ratio Lower Upper
330 100
332 97.1 77.6 116.4
141 29.7 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 45.783 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142573.D
Acq: 30 May 2025 16:49

Tgt Ion:172 Resp: 779712
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.4 18.9 28.3

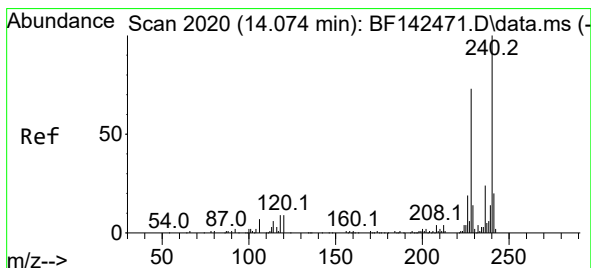
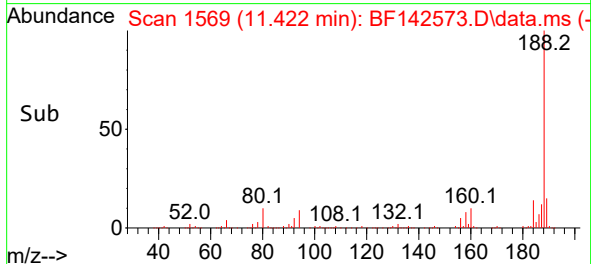
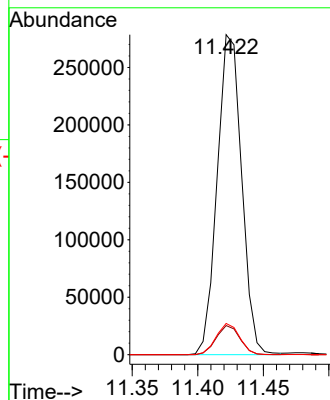
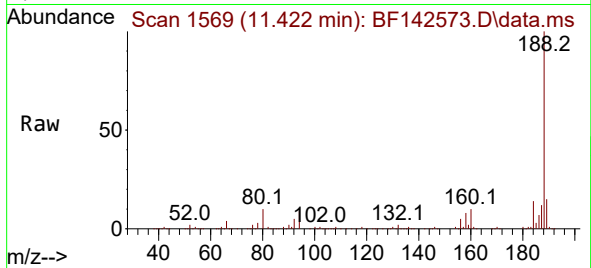




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142573.D
Acq: 30 May 2025 16:49

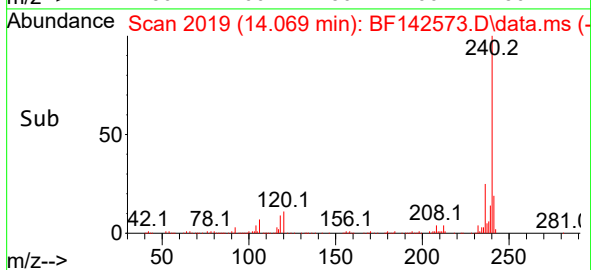
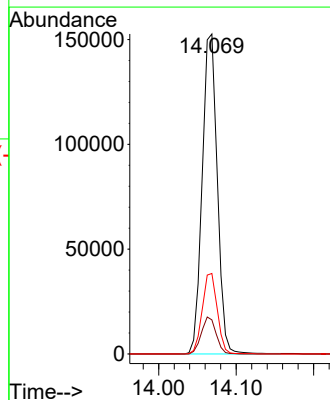
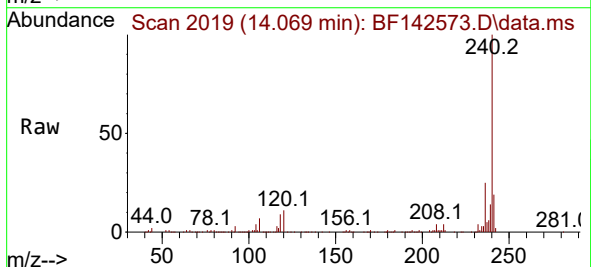
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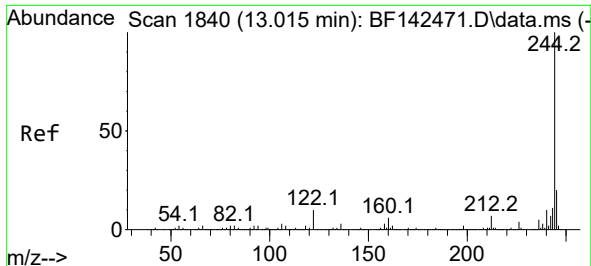
Tgt Ion:188 Resp: 360798
Ion Ratio Lower Upper
188 100
94 9.1 6.6 10.0
80 9.8 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142573.D
Acq: 30 May 2025 16:49

Tgt Ion:240 Resp: 206923
Ion Ratio Lower Upper
240 100
120 10.7 7.5 11.3
236 25.2 19.6 29.4

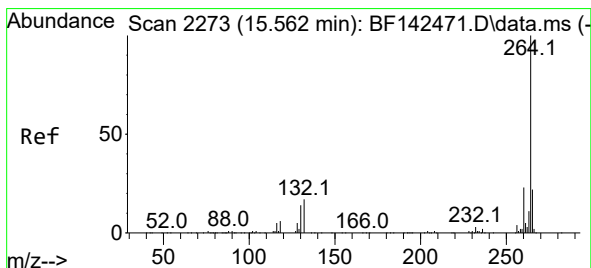
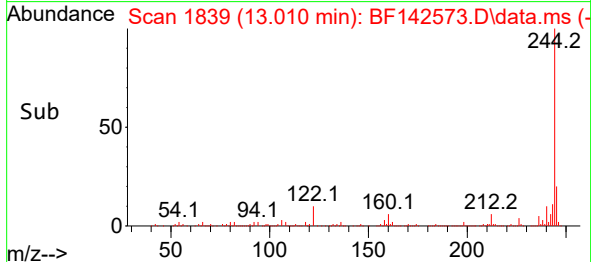
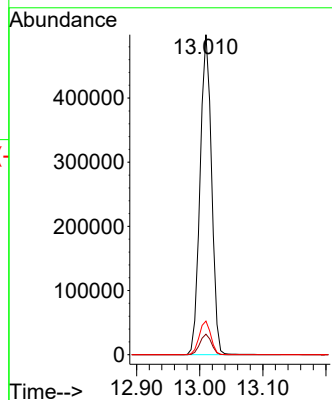
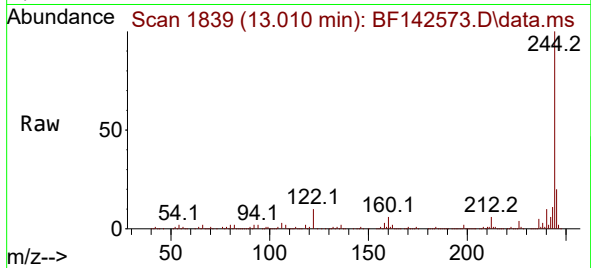




#79
 Terphenyl-d14
 Concen: 41.535 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142573.D
 Acq: 30 May 2025 16:49

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion:244 Resp: 628932
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 10.5 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF142573.D
 Acq: 30 May 2025 16:49

Tgt Ion:264 Resp: 228204
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.0 17.7 26.5

