

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
 Data File : BF142579.D
 Acq On : 30 May 2025 19:45
 Operator : RC/JU
 Sample : Q2150-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-51

Quant Time: May 30 22:29:02 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	123122	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	465540	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	241553	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	396120	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	234971	20.000	ng	-0.01
86) Perylene-d12	15.562	264	241563	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	892849	122.174	ng	0.00
7) Phenol-d6	6.522	99	1110920	126.283	ng	-0.01
23) Nitrobenzene-d5	7.457	82	666097	78.020	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	325495	121.411	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1311542	72.858	ng	-0.01
79) Terphenyl-d14	13.010	244	1212570	70.521	ng	0.00

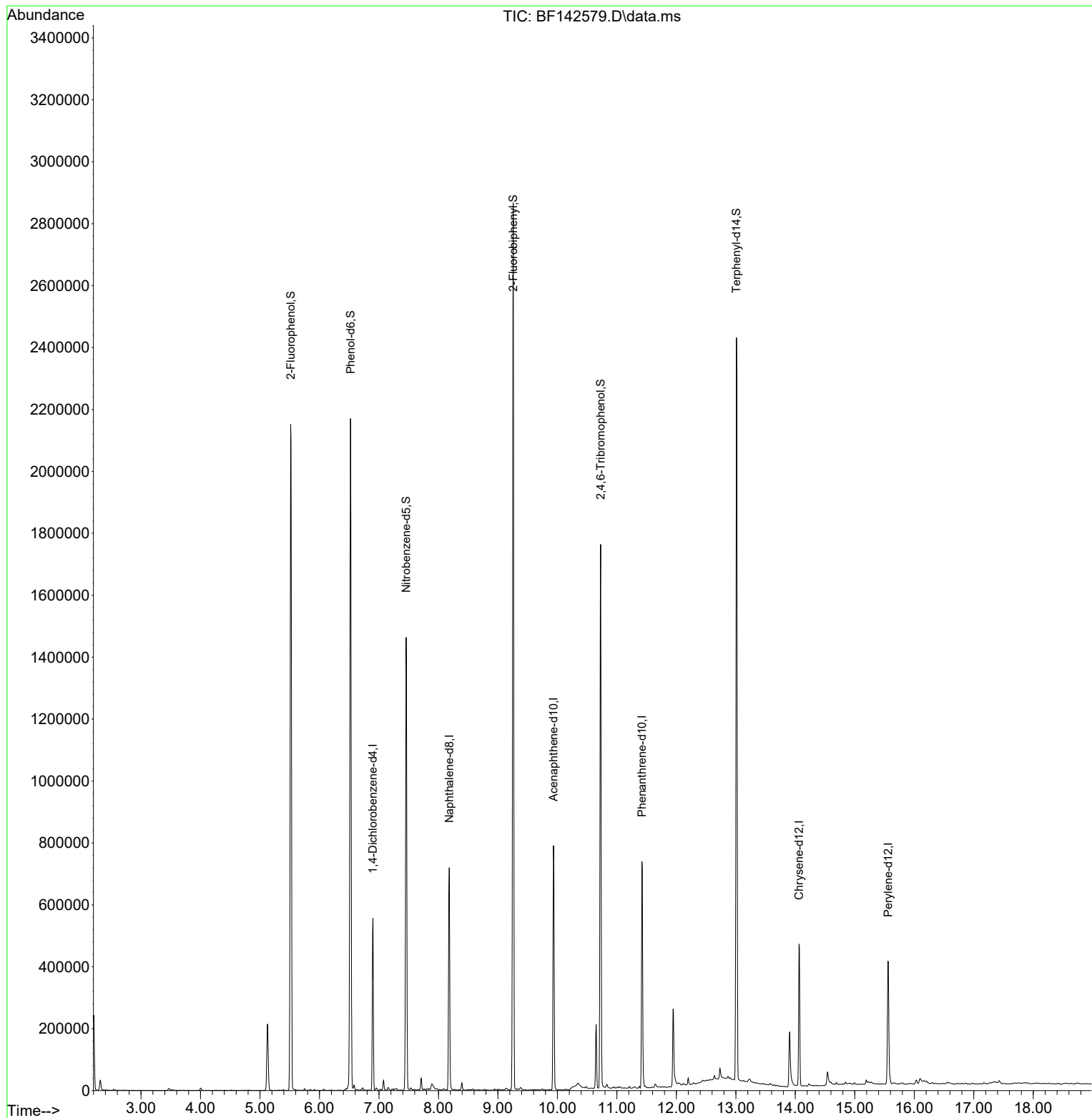
Target Compounds	Qvalue

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

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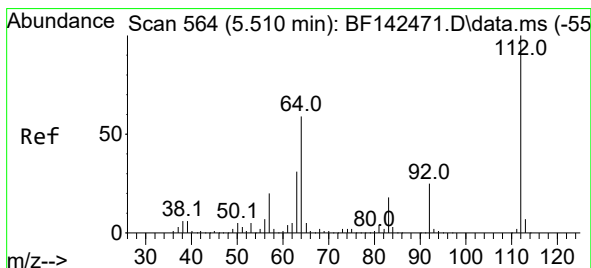
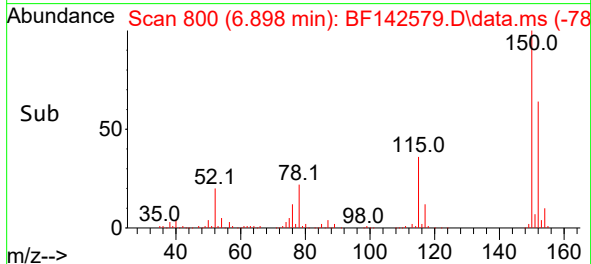
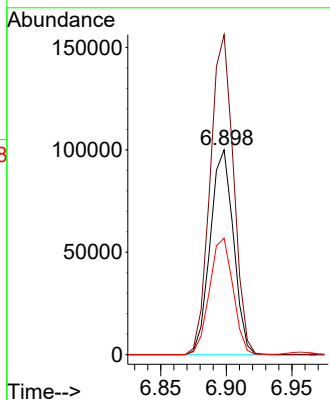
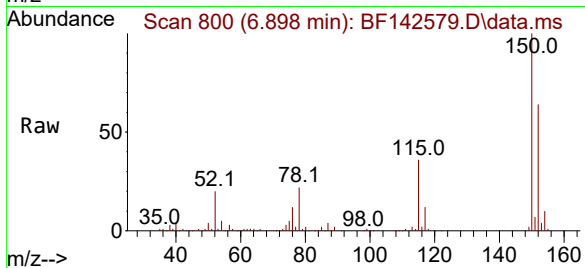




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142579.D
Acq: 30 May 2025 19:45

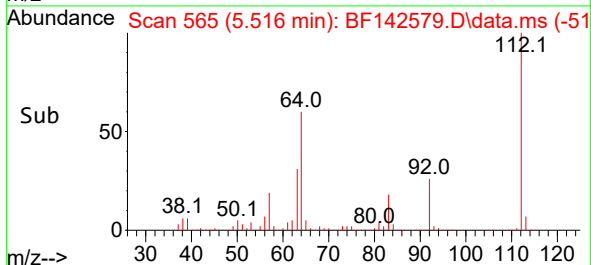
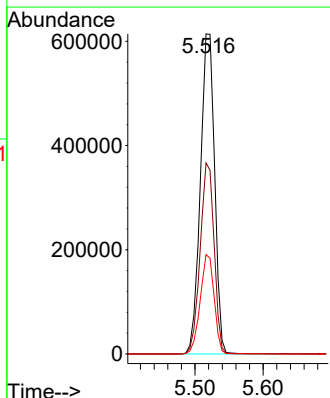
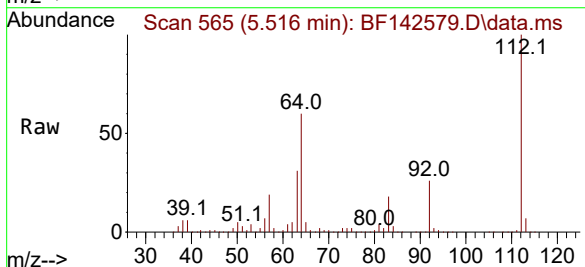
Instrument :
BNA_F
ClientSampleId :
TP-51

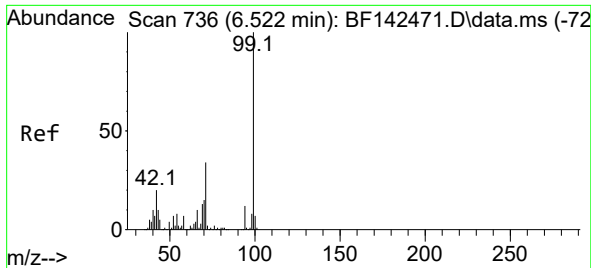
Tgt Ion:152 Resp: 123122
Ion Ratio Lower Upper
152 100
150 156.2 128.2 192.4
115 56.8 48.3 72.5



#5
2-Fluorophenol
Concen: 122.174 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.000 min
Lab File: BF142579.D
Acq: 30 May 2025 19:45

Tgt Ion:112 Resp: 892849
Ion Ratio Lower Upper
112 100
64 59.7 47.5 71.3
63 31.1 24.9 37.3





#7
Phenol-d6
Concen: 126.283 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142579.D
Acq: 30 May 2025 19:45

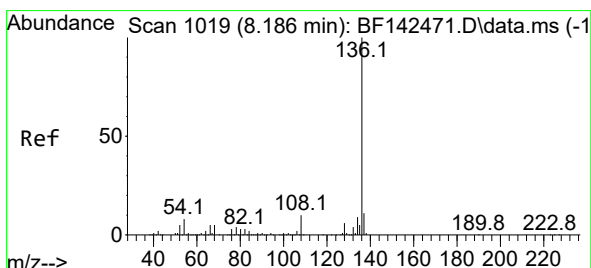
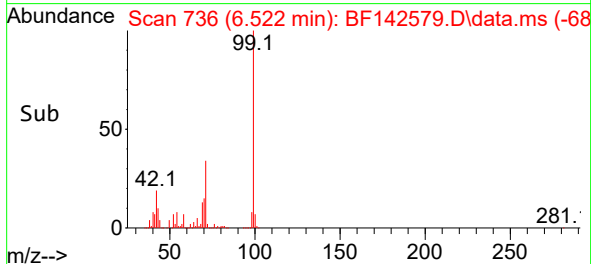
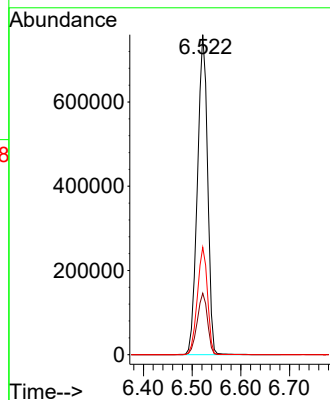
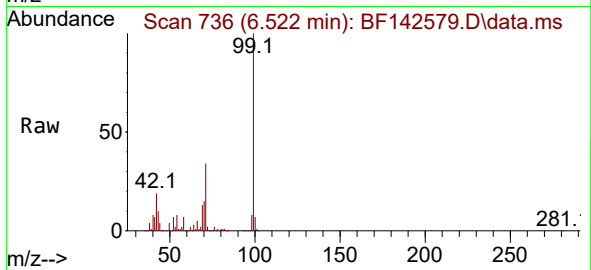
Instrument :

BNA_F

ClientSampleId :

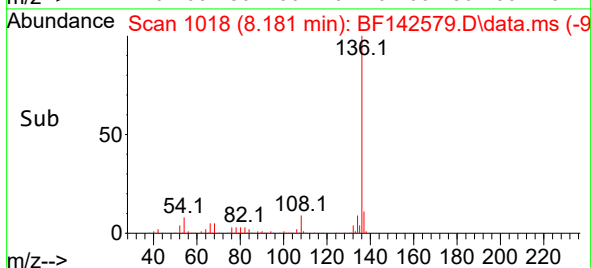
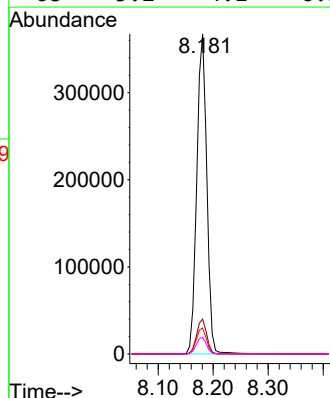
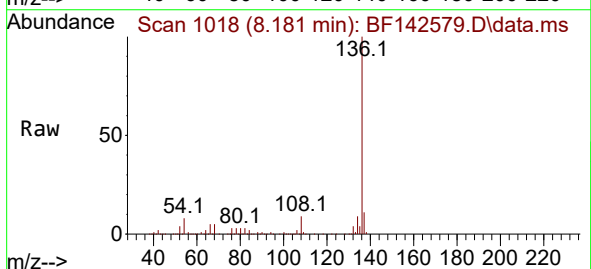
TP-51

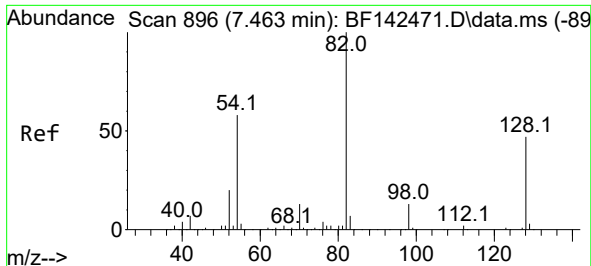
Tgt Ion: 99 Resp: 1110920
Ion Ratio Lower Upper
99 100
42 19.2 16.2 24.2
71 33.6 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142579.D
Acq: 30 May 2025 19:45

Tgt Ion:136 Resp: 465540
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.1 6.6 10.0
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 78.020 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF142579.D

Acq: 30 May 2025 19:45

Instrument :

BNA_F

ClientSampleId :

TP-51

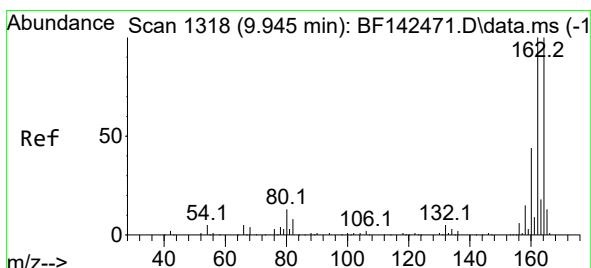
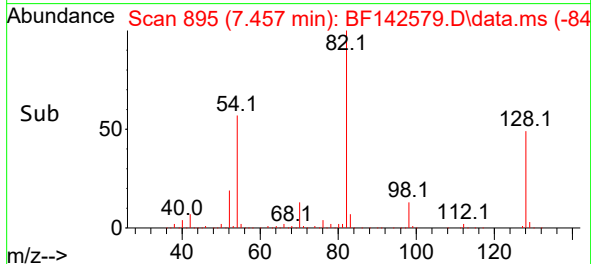
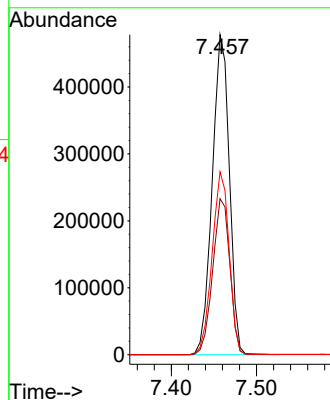
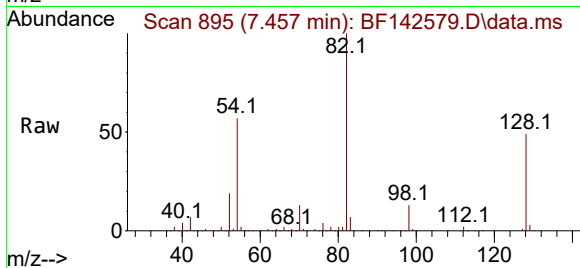
Tgt Ion: 82 Resp: 666097

Ion Ratio Lower Upper

82 100

128 48.7 37.4 56.2

54 57.2 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: BF142579.D

Acq: 30 May 2025 19:45

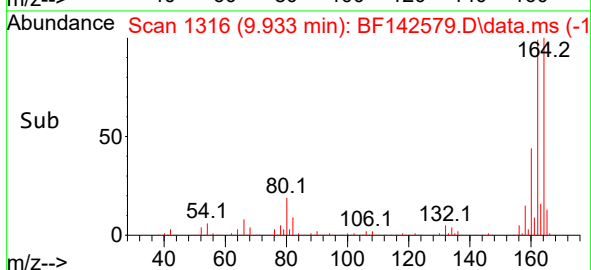
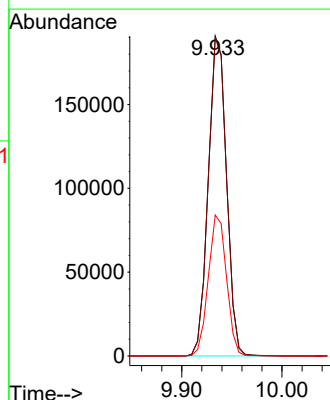
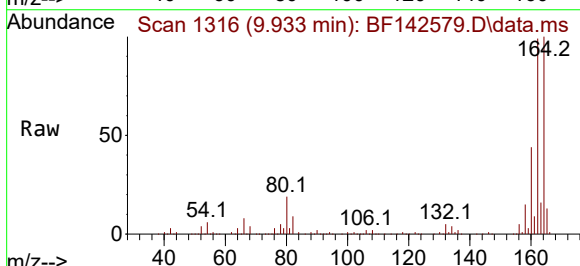
Tgt Ion:164 Resp: 241553

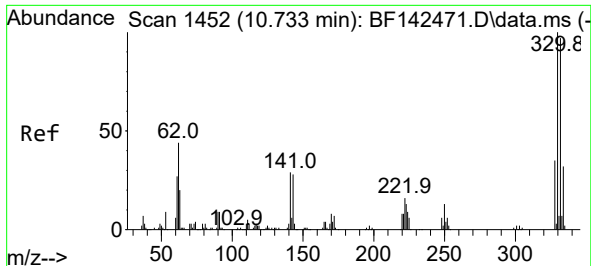
Ion Ratio Lower Upper

164 100

162 99.5 80.2 120.4

160 44.0 35.6 53.4

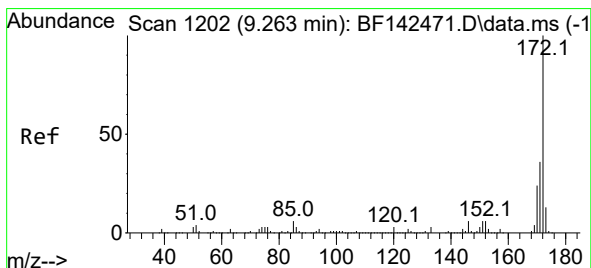
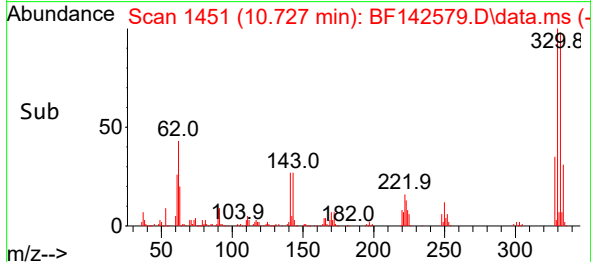
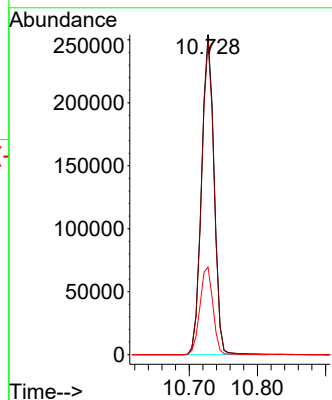
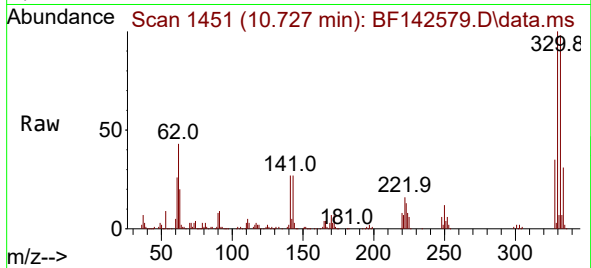




#42
2,4,6-Tribromophenol
Concen: 121.411 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142579.D
Acq: 30 May 2025 19:45

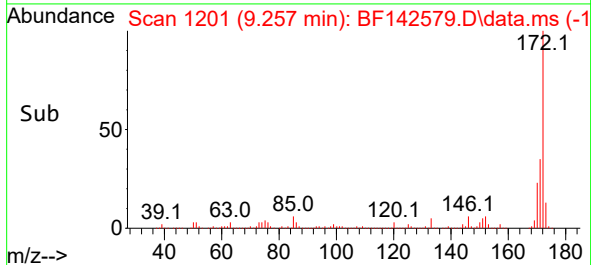
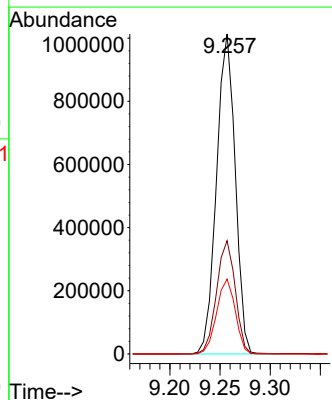
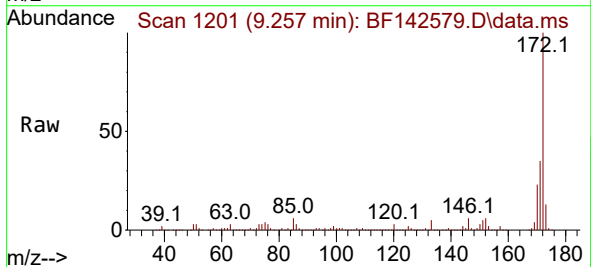
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TP-51

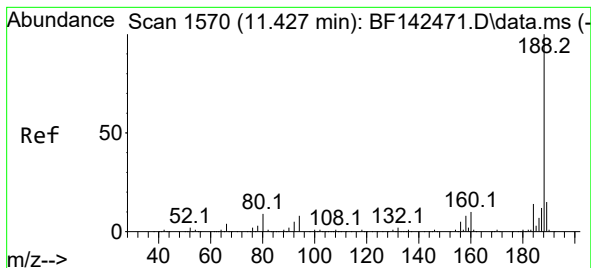
Tgt Ion: 330 Resp: 325495
Ion Ratio Lower Upper
330 100
332 97.7 77.6 116.4
141 28.5 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 72.858 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142579.D
Acq: 30 May 2025 19:45

Tgt Ion: 172 Resp: 1311542
Ion Ratio Lower Upper
172 100
171 35.4 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: BF142579.D

Acq: 30 May 2025 19:45

Instrument :

BNA_F

ClientSampleId :

TP-51

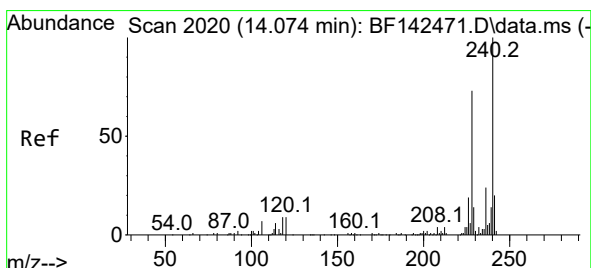
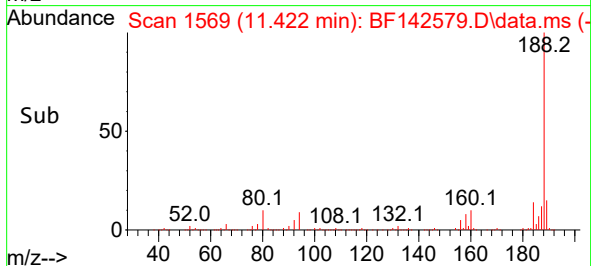
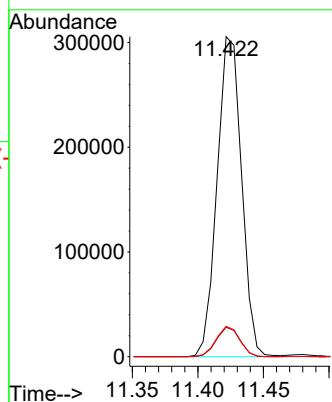
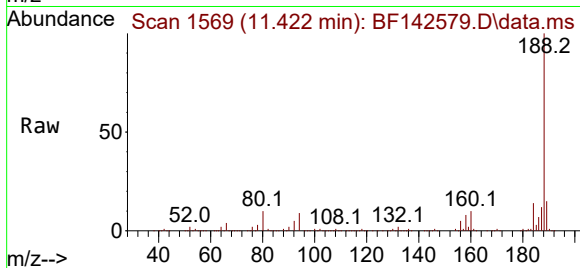
Tgt Ion:188 Resp: 396120

Ion Ratio Lower Upper

188 100

94 9.2 6.6 10.0

80 9.5 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: BF142579.D

Acq: 30 May 2025 19:45

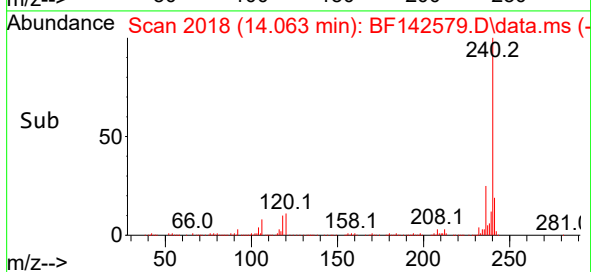
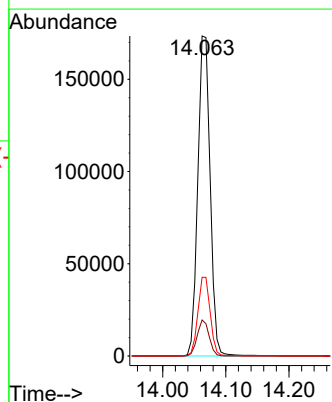
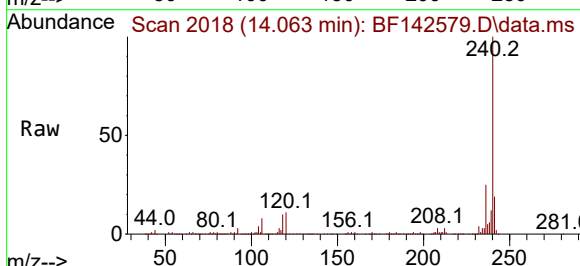
Tgt Ion:240 Resp: 234971

Ion Ratio Lower Upper

240 100

120 11.2 7.5 11.3

236 24.6 19.6 29.4

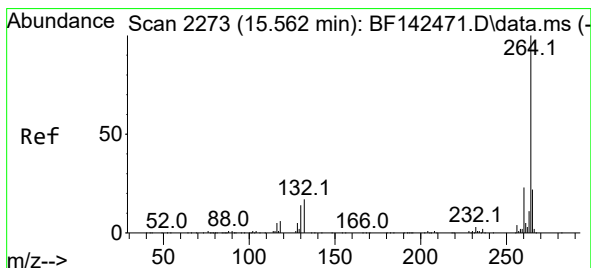
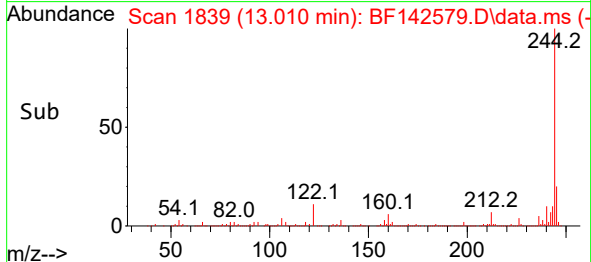
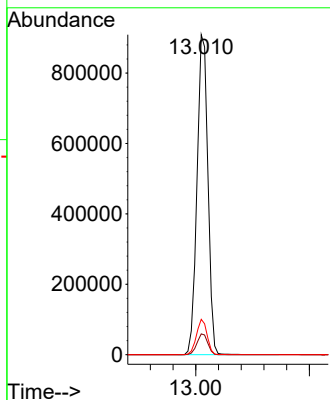
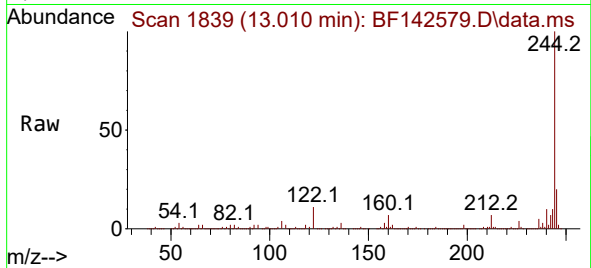




#79
Terphenyl-d14
Concen: 70.521 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142579.D
Acq: 30 May 2025 19:45

Instrument :
BNA_F
ClientSampleId :
TP-51

Tgt Ion:244 Resp: 1212570
Ion Ratio Lower Upper
244 100
212 6.5 5.3 7.9
122 11.1 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142579.D
Acq: 30 May 2025 19:45

Tgt Ion:264 Resp: 241563
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.3 17.7 26.5

