

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072125\
 Data File : BF143172.D
 Acq On : 21 Jul 2025 15:29
 Operator : RC/JU
 Sample : Q2651-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH 6-5

Quant Time: Jul 21 15:50:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	136248	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	503155	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	241899	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	333011	20.000	ng	0.00
76) Chrysene-d12	14.121	240	275833	20.000	ng	0.00
86) Perylene-d12	15.627	264	194420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	448111	52.046	ng	0.00
7) Phenol-d6	6.575	99	598801	55.255	ng	-0.01
23) Nitrobenzene-d5	7.516	82	359984	35.663	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	124775	49.931	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	715547	40.455	ng	0.00
79) Terphenyl-d14	13.063	244	570002	30.751	ng	0.00

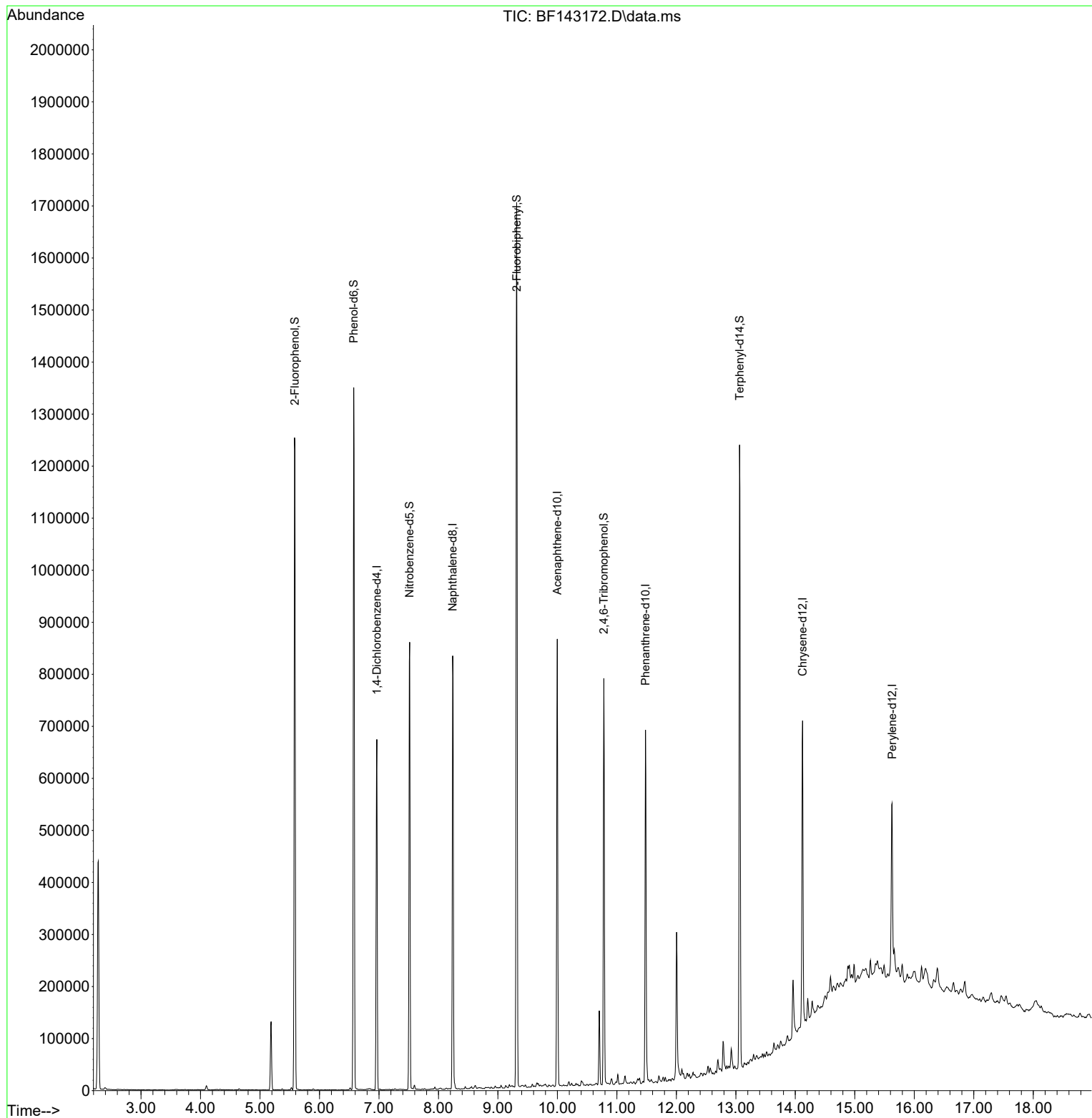
Target Compounds	Qvalue

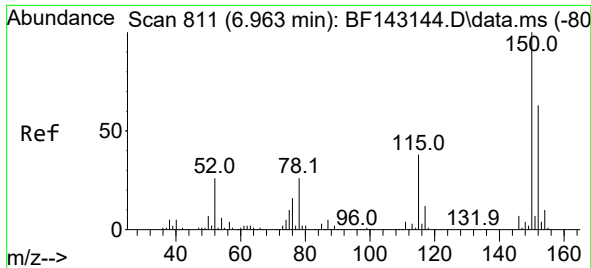
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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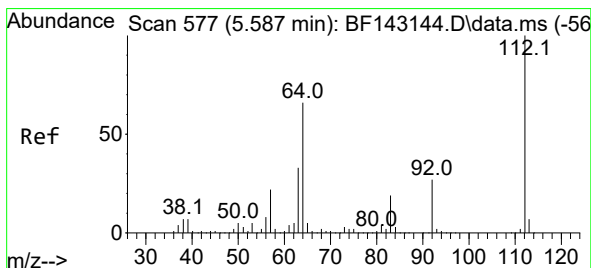
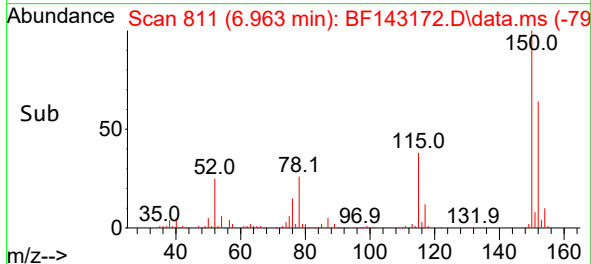
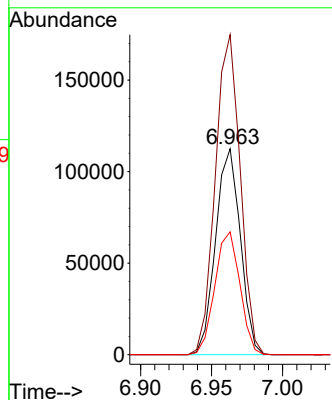
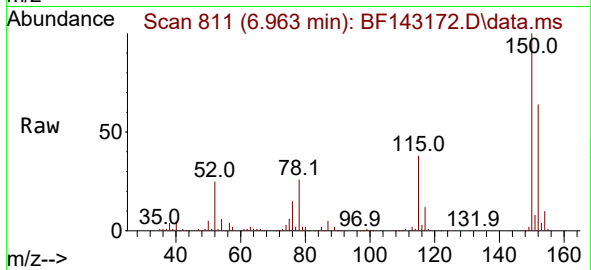




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143172.D
Acq: 21 Jul 2025 15:29

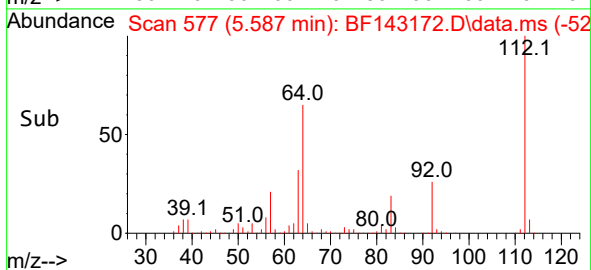
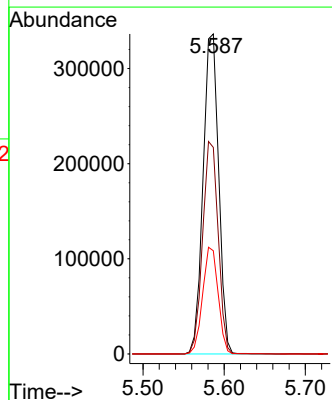
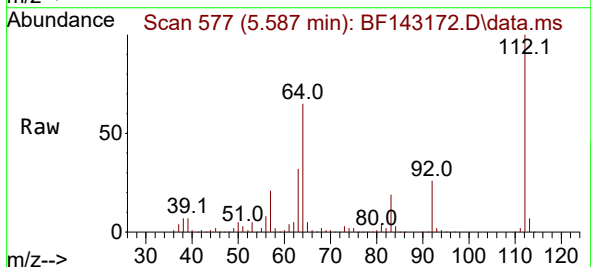
Instrument :
BNA_F
ClientSampleId :
MH 6-5

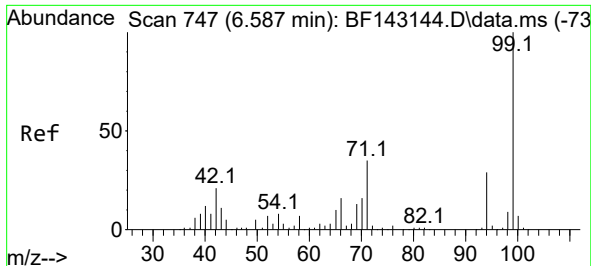
Tgt Ion:152 Resp: 136248
Ion Ratio Lower Upper
152 100
150 155.4 128.2 192.4
115 59.7 47.9 71.9



#5
2-Fluorophenol
Concen: 52.046 ng
RT: 5.587 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF143172.D
Acq: 21 Jul 2025 15:29

Tgt Ion:112 Resp: 448111
Ion Ratio Lower Upper
112 100
64 64.5 53.1 79.7
63 32.2 26.6 40.0

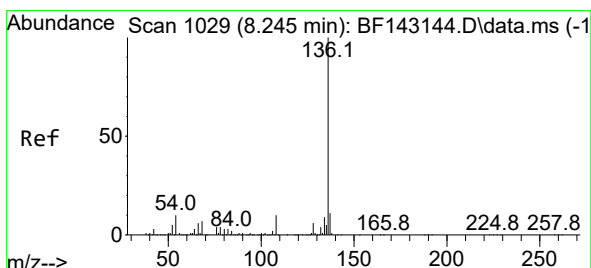
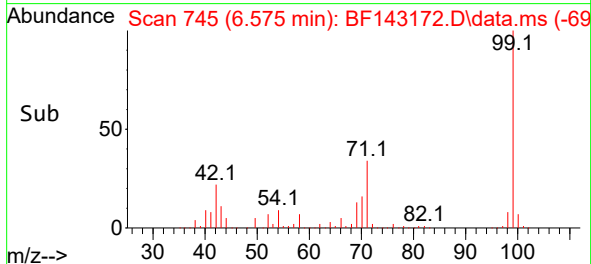
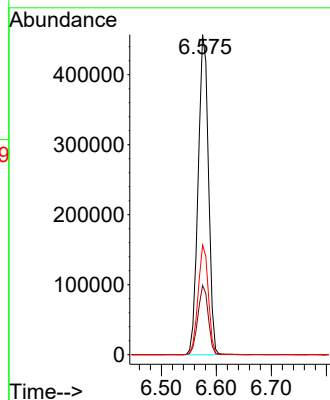
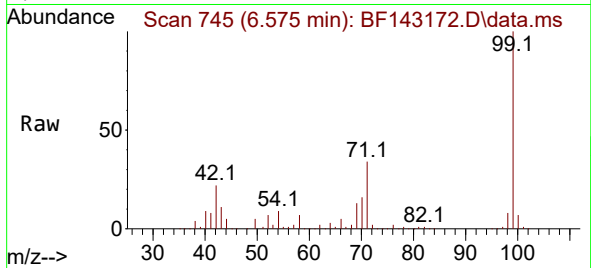




#7
Phenol-d6
Concen: 55.255 ng
RT: 6.575 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF143172.D
Acq: 21 Jul 2025 15:29

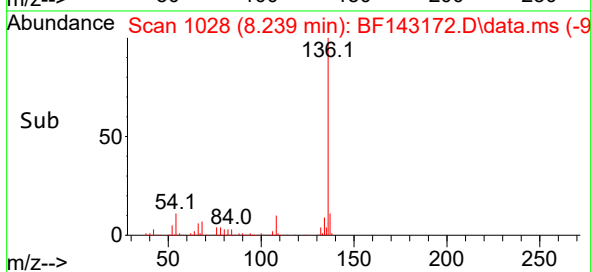
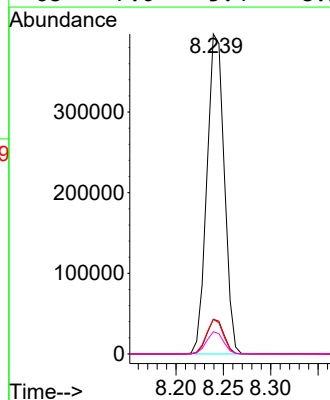
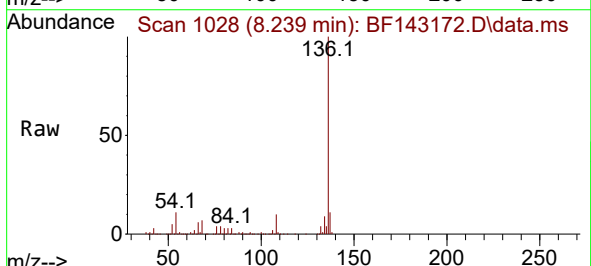
Instrument :
BNA_F
ClientSampleId :
MH 6-5

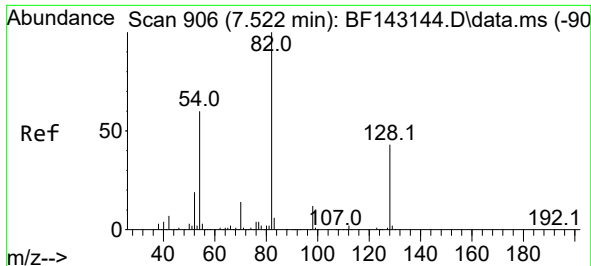
Tgt Ion: 99 Resp: 598801
Ion Ratio Lower Upper
99 100
42 21.7 17.0 25.6
71 34.2 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143172.D
Acq: 21 Jul 2025 15:29

Tgt Ion: 136 Resp: 503155
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.8 8.2 12.2
68 7.0 5.4 8.2





#23

Nitrobenzene-d5

Concen: 35.663 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143172.D

Acq: 21 Jul 2025 15:29

Instrument :

BNA_F

ClientSampleId :

MH 6-5

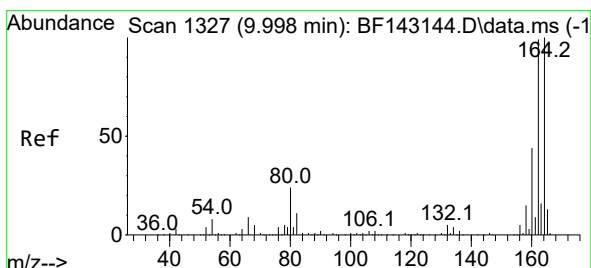
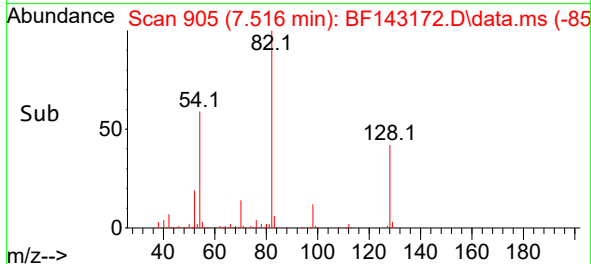
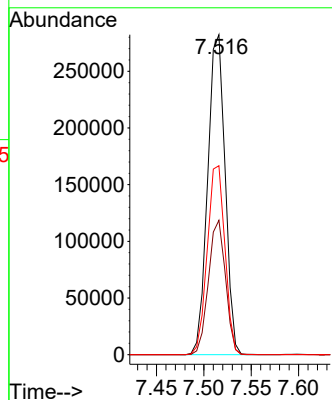
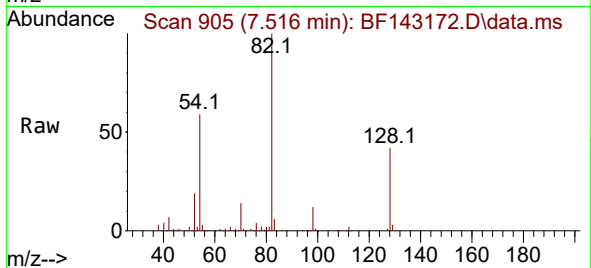
Tgt Ion: 82 Resp: 359984

Ion Ratio Lower Upper

82 100

128 42.0 33.6 50.4

54 59.1 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF143172.D

Acq: 21 Jul 2025 15:29

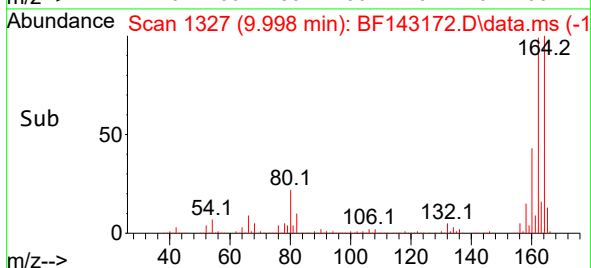
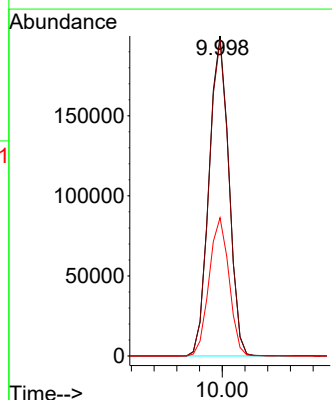
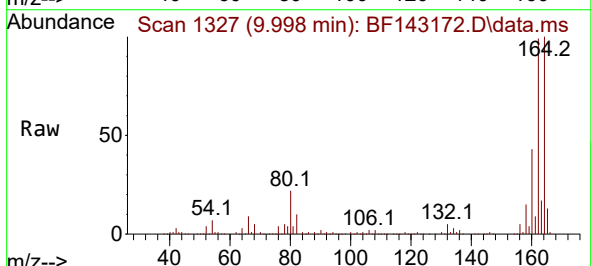
Tgt Ion: 164 Resp: 241899

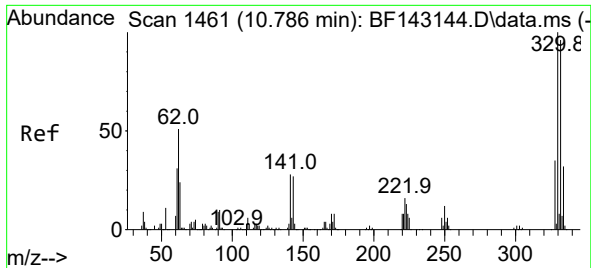
Ion Ratio Lower Upper

164 100

162 98.7 79.0 118.6

160 43.2 35.1 52.7

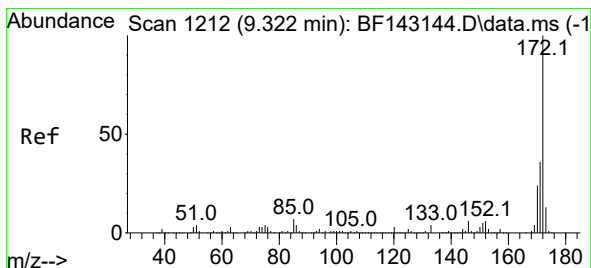
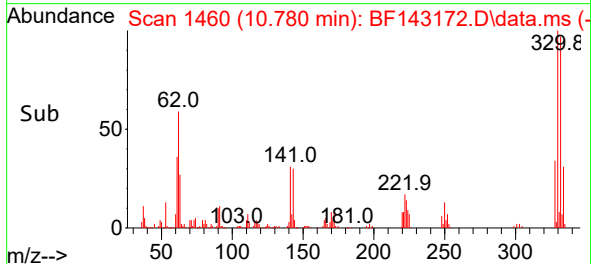
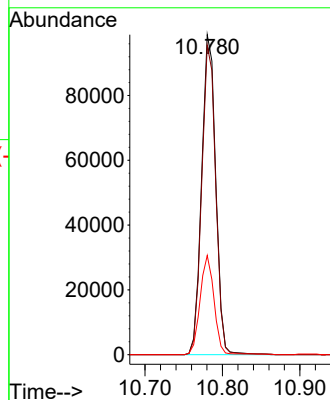
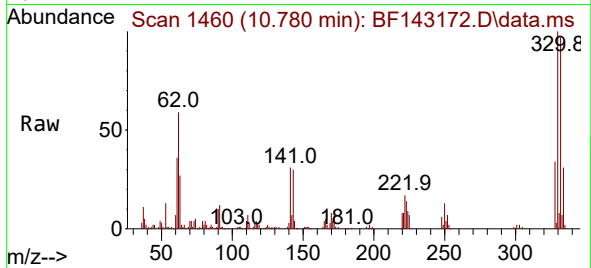




#42
2,4,6-Tribromophenol
Concen: 49.931 ng
RT: 10.780 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF143172.D
Acq: 21 Jul 2025 15:29

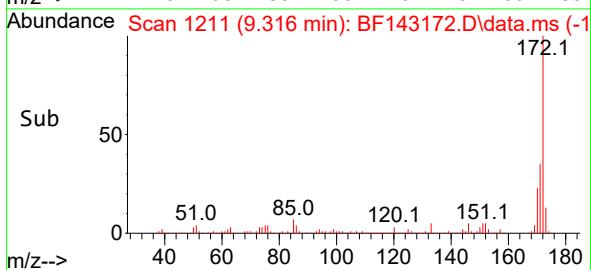
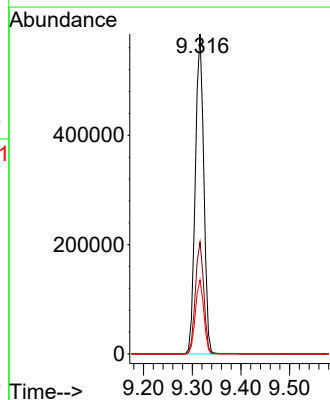
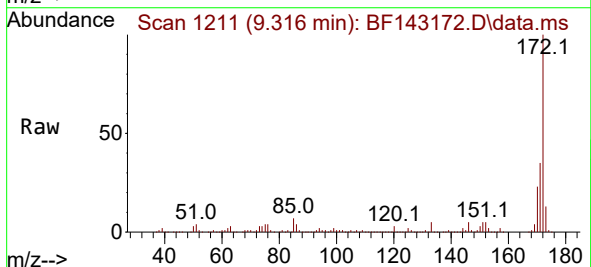
Instrument :
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MH 6-5

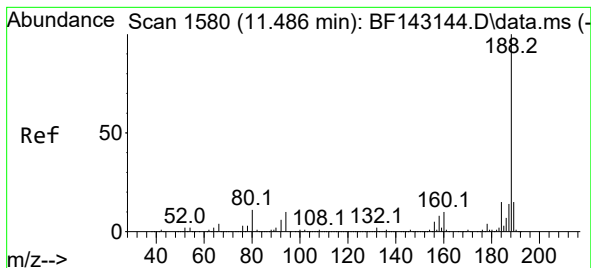
Tgt Ion: 330 Resp: 124775
Ion Ratio Lower Upper
330 100
332 96.0 76.7 115.1
141 30.8 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 40.455 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143172.D
Acq: 21 Jul 2025 15:29

Tgt Ion: 172 Resp: 715547
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.1 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.480 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143172.D

Acq: 21 Jul 2025 15:29

Instrument :

BNA_F

ClientSampleId :

MH 6-5

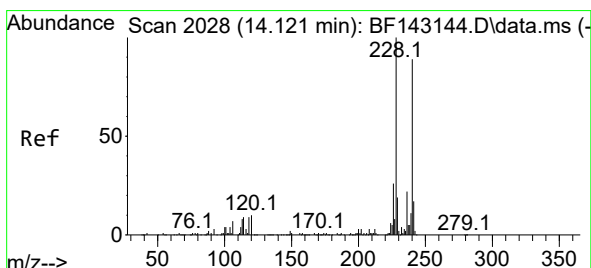
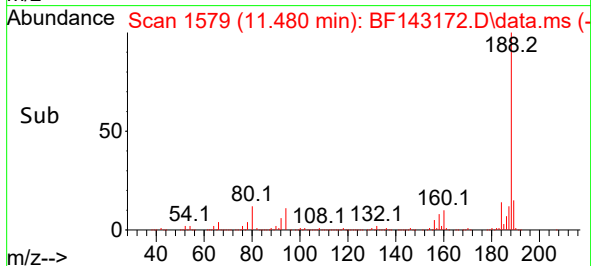
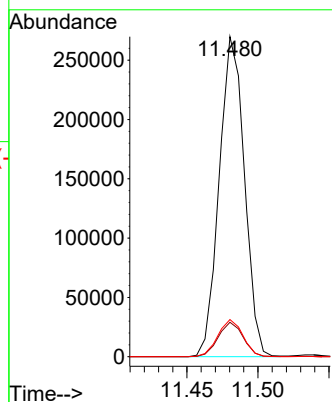
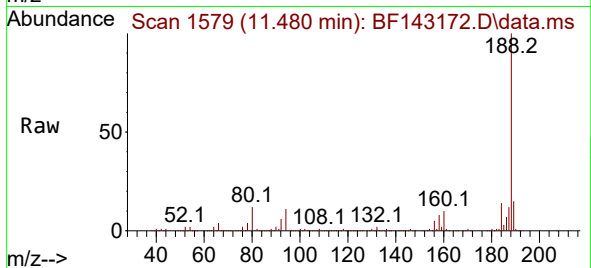
Tgt Ion:188 Resp: 333011

Ion Ratio Lower Upper

188 100

94 10.8 8.3 12.5

80 11.6 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF143172.D

Acq: 21 Jul 2025 15:29

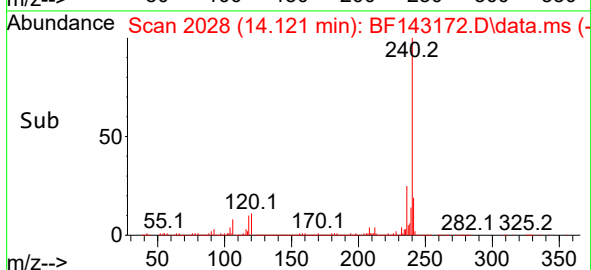
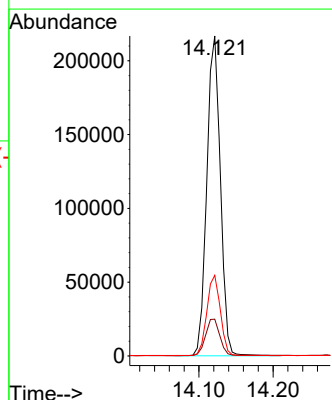
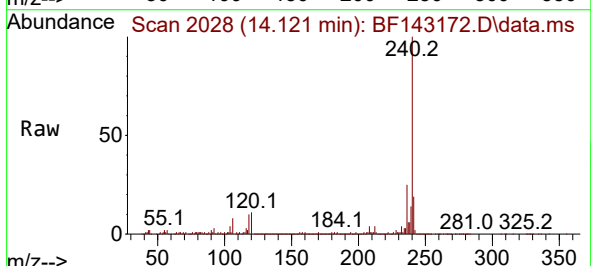
Tgt Ion:240 Resp: 275833

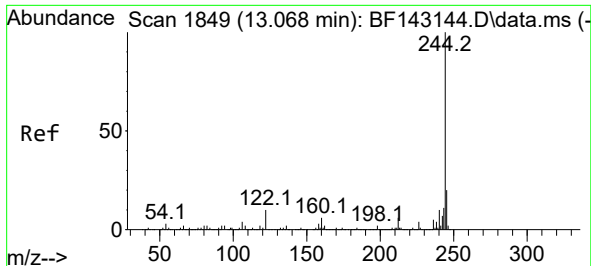
Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.2

236 25.2 20.2 30.4

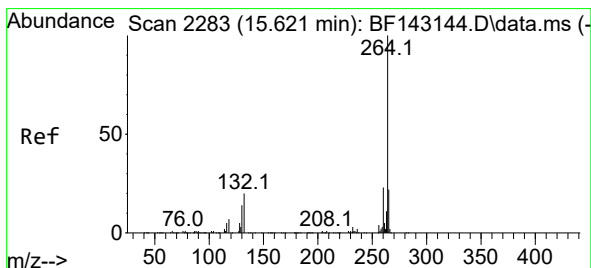
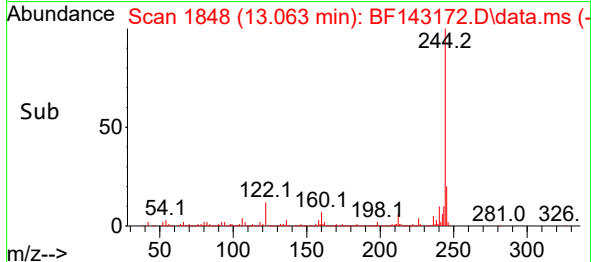
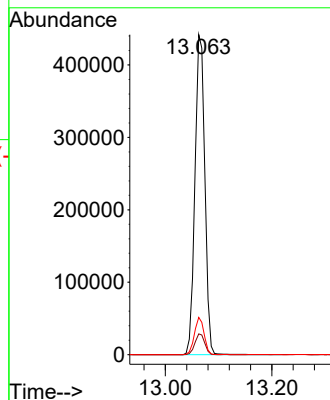
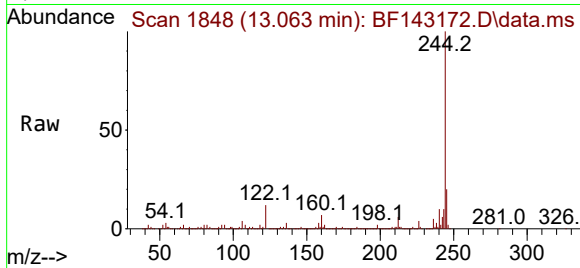




#79
 Terphenyl-d14
 Concen: 30.751 ng
 RT: 13.063 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF143172.D
 Acq: 21 Jul 2025 15:29

Instrument :
 BNA_F
 ClientSampleId :
 MH 6-5

Tgt Ion:244 Resp: 570002
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 11.7 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 2284
 Delta R.T. 0.006 min
 Lab File: BF143172.D
 Acq: 21 Jul 2025 15:29

Tgt Ion:264 Resp: 194420
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 21.5 17.4 26.2

