

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
 Data File : BF143241.D
 Acq On : 24 Jul 2025 18:55
 Operator : RC/JU
 Sample : Q2668-05 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Jul 25 01:18:44 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)

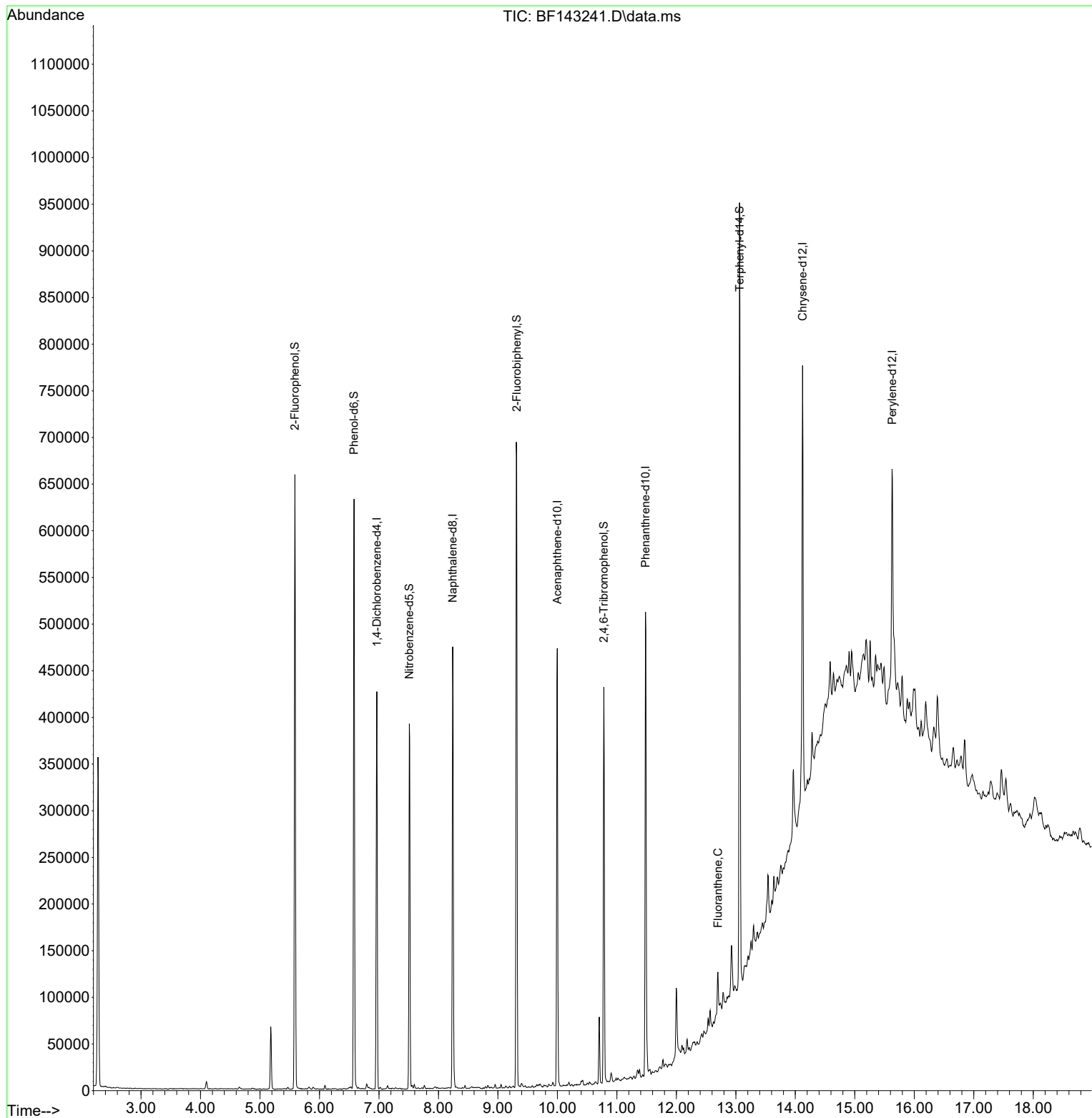
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	85344	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	282010	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	135972	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	254328	20.000	ng	0.00
76) Chrysene-d12	14.121	240	213633	20.000	ng	0.00
86) Perylene-d12	15.627	264	139335	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	222963	41.342	ng	0.00
7) Phenol-d6	6.581	99	262245	38.632	ng	0.00
23) Nitrobenzene-d5	7.510	82	162405	28.706	ng	-0.01
42) 2,4,6-Tribromophenol	10.781	330	66950	47.663	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	305921	30.770	ng	0.00
79) Terphenyl-d14	13.063	244	394384	27.472	ng	0.00
Target Compounds						
75) Fluoranthene	12.698	202	24959	2.014	ng	Qvalue 94

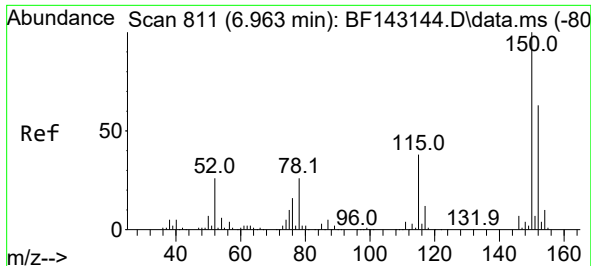
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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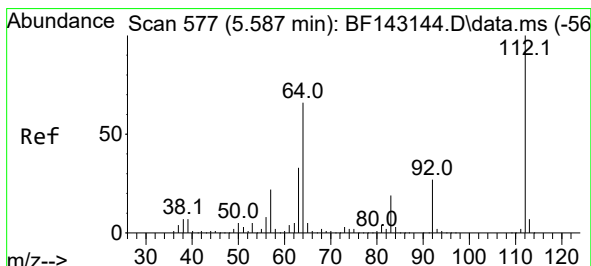
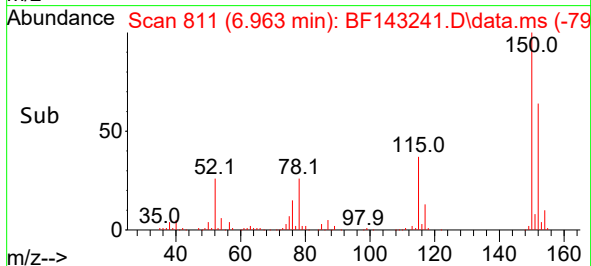
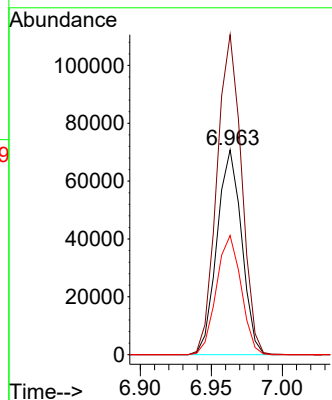
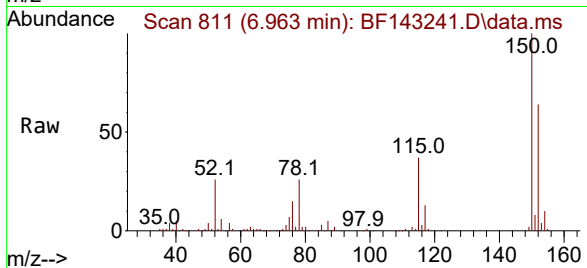




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143241.D
Acq: 24 Jul 2025 18:55

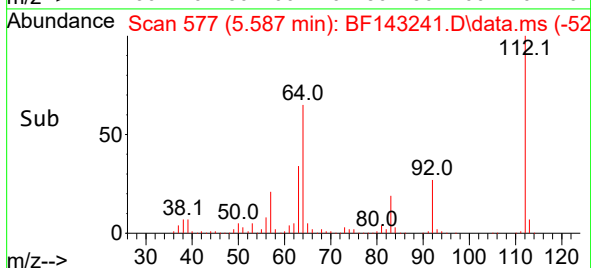
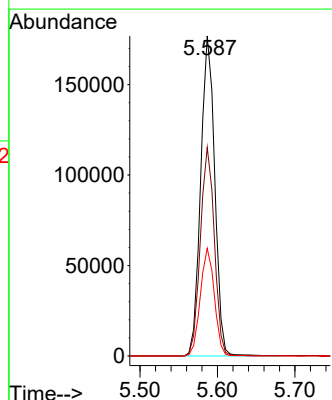
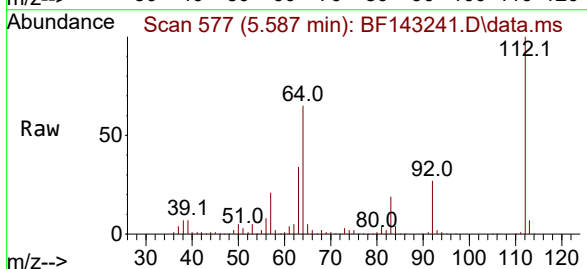
Instrument :
BNA_F
ClientSampleId :
TP-3

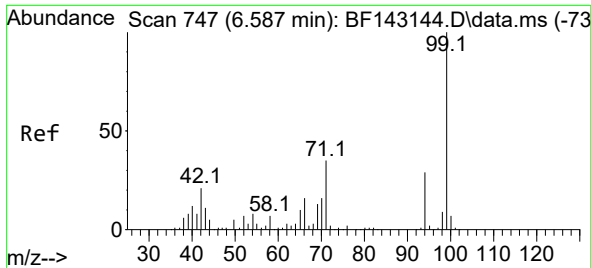
Tgt Ion:152 Resp: 85344
Ion Ratio Lower Upper
152 100
150 156.2 128.2 192.4
115 58.2 47.9 71.9



#5
2-Fluorophenol
Concen: 41.342 ng
RT: 5.587 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF143241.D
Acq: 24 Jul 2025 18:55

Tgt Ion:112 Resp: 222963
Ion Ratio Lower Upper
112 100
64 65.2 53.1 79.7
63 33.6 26.6 40.0

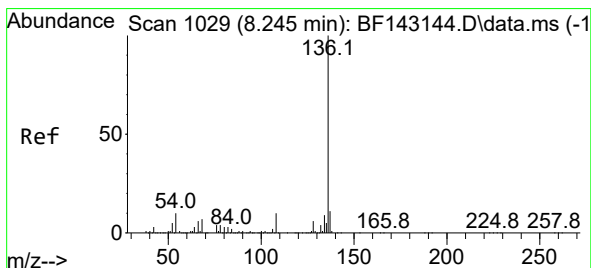
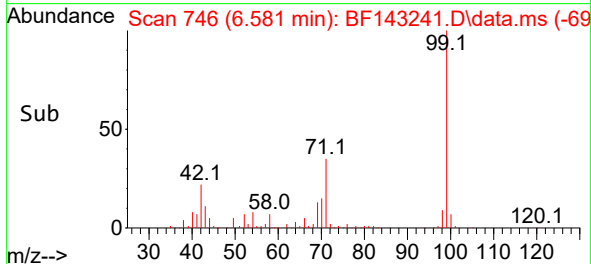
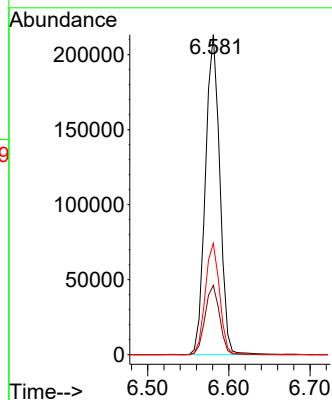
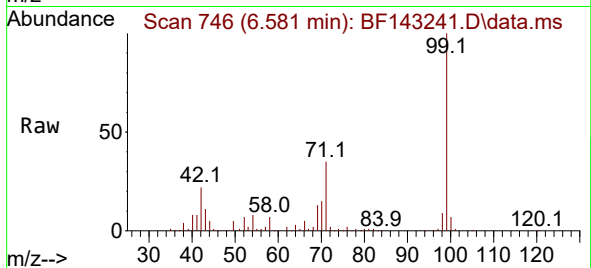




#7
Phenol-d6
Concen: 38.632 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143241.D
Acq: 24 Jul 2025 18:55

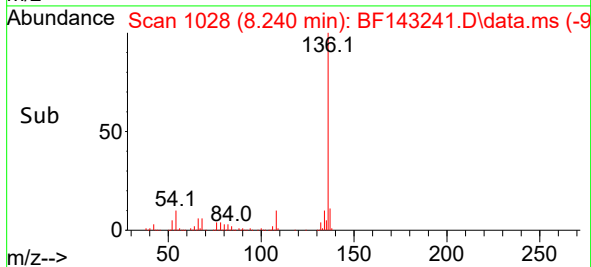
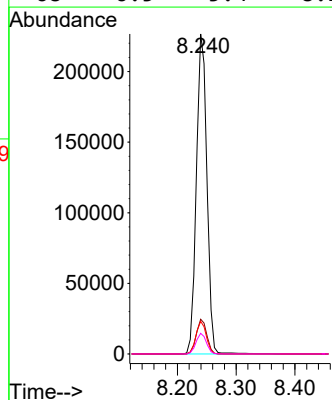
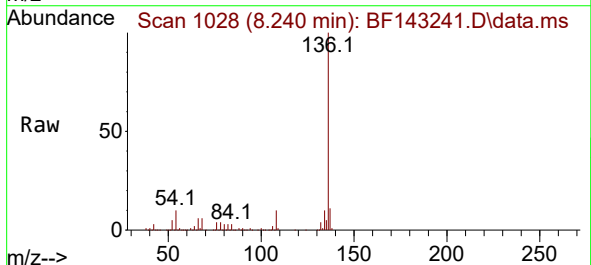
Instrument :
BNA_F
ClientSampleId :
TP-3

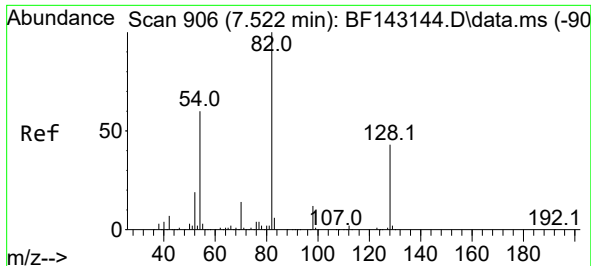
Tgt Ion: 99 Resp: 262245
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 34.8 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF143241.D
Acq: 24 Jul 2025 18:55

Tgt Ion: 136 Resp: 282010
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.2 8.2 12.2
68 6.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 28.706 ng

RT: 7.510 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF143241.D

Acq: 24 Jul 2025 18:55

Instrument :

BNA_F

ClientSampleId :

TP-3

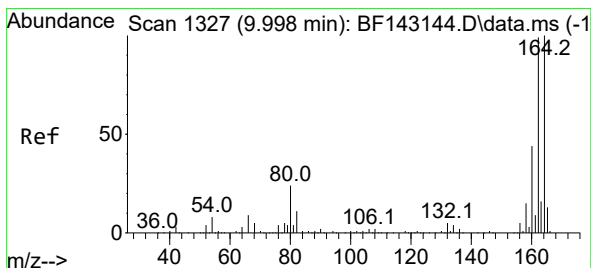
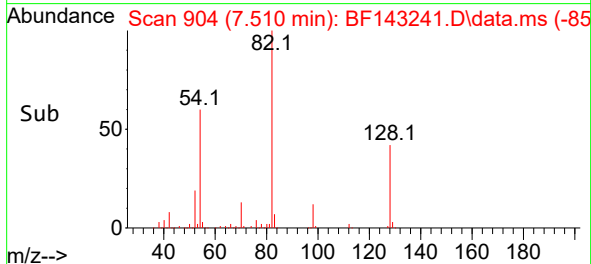
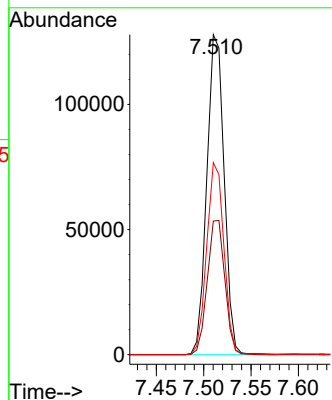
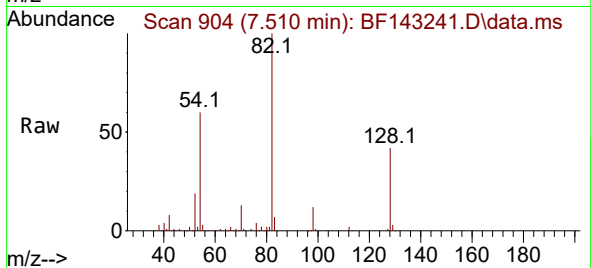
Tgt Ion: 82 Resp: 162405

Ion Ratio Lower Upper

82 100

128 41.8 33.6 50.4

54 60.0 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: BF143241.D

Acq: 24 Jul 2025 18:55

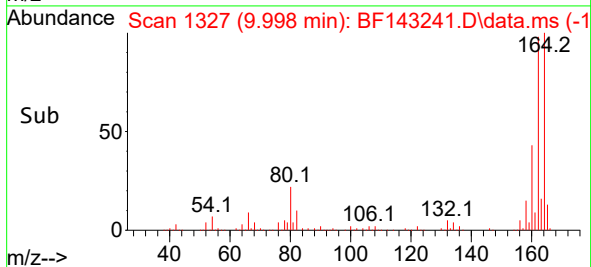
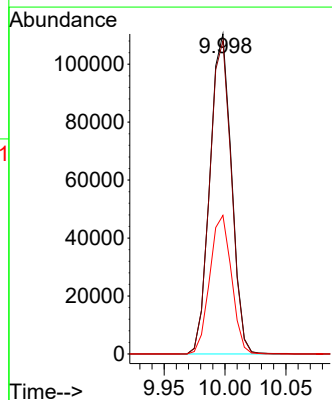
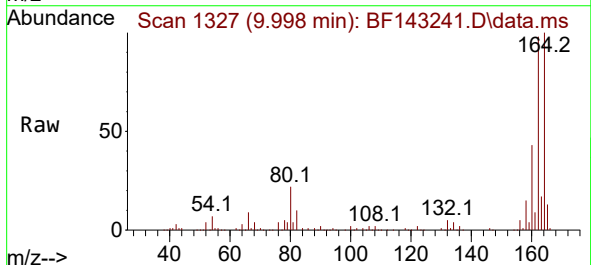
Tgt Ion:164 Resp: 135972

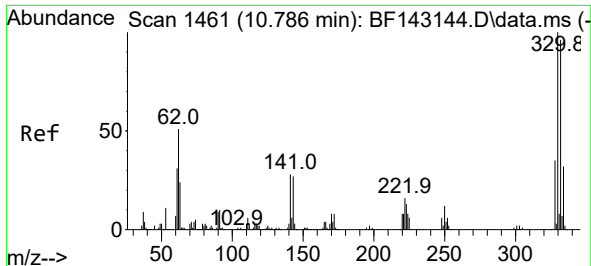
Ion Ratio Lower Upper

164 100

162 97.8 79.0 118.6

160 43.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 47.663 ng

RT: 10.781 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF143241.D

Acq: 24 Jul 2025 18:55

Instrument :

BNA_F

ClientSampleId :

TP-3

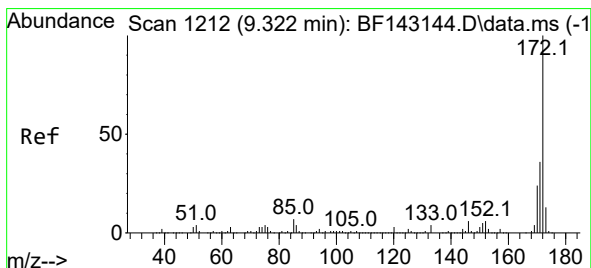
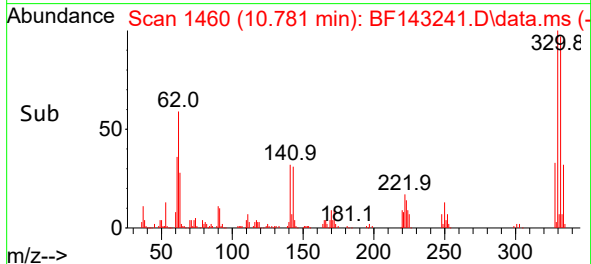
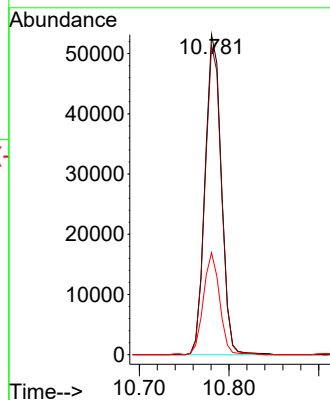
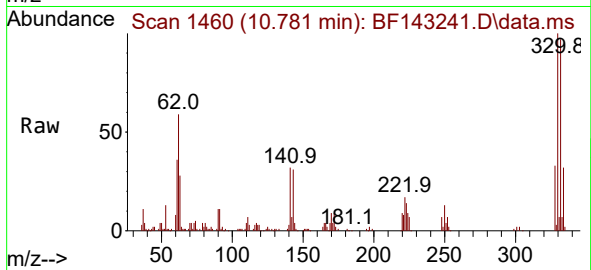
Tgt Ion:330 Resp: 66950

Ion Ratio Lower Upper

330 100

332 96.9 76.7 115.1

141 31.7 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 30.770 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143241.D

Acq: 24 Jul 2025 18:55

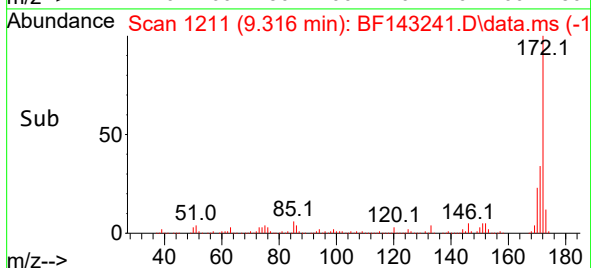
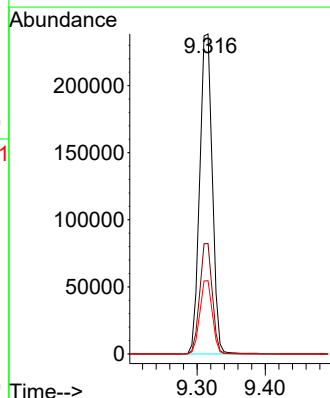
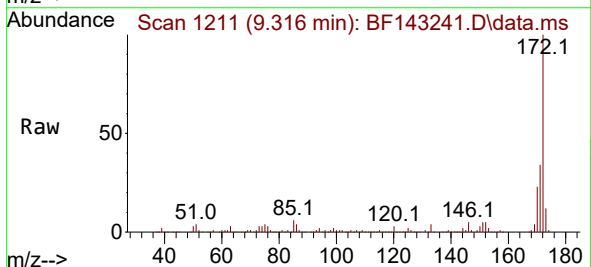
Tgt Ion:172 Resp: 305921

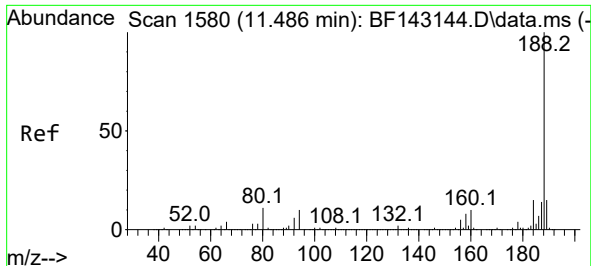
Ion Ratio Lower Upper

172 100

171 34.5 28.6 42.8

170 22.9 18.8 28.2

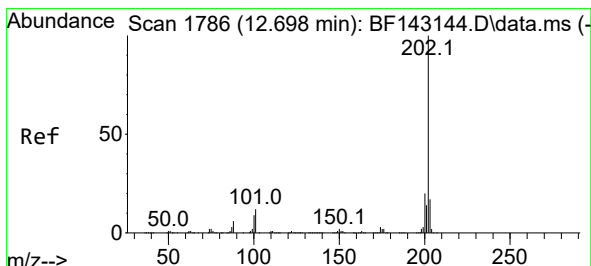
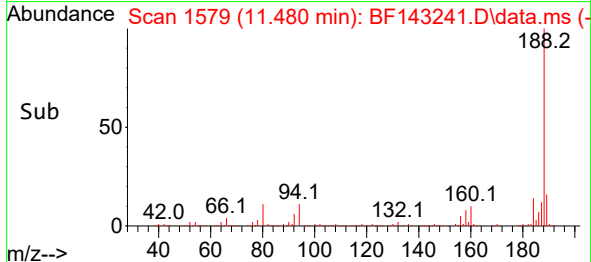
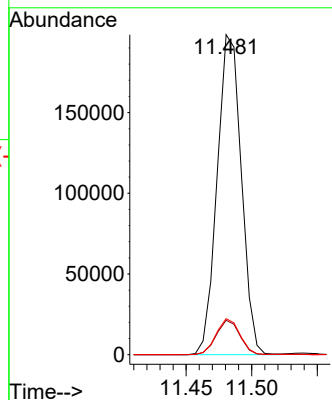
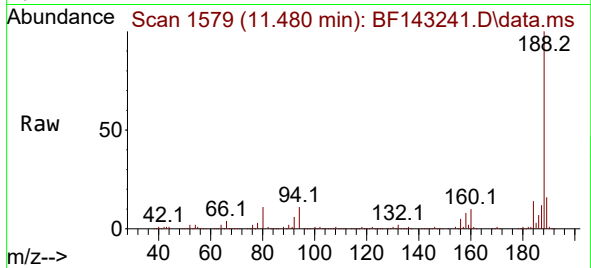




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143241.D
Acq: 24 Jul 2025 18:55

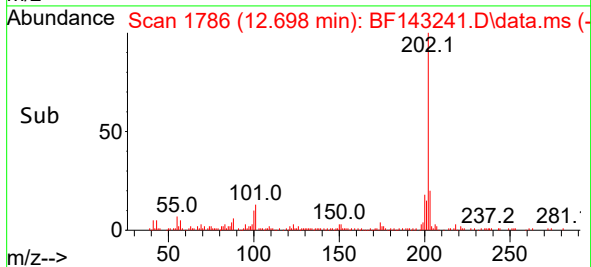
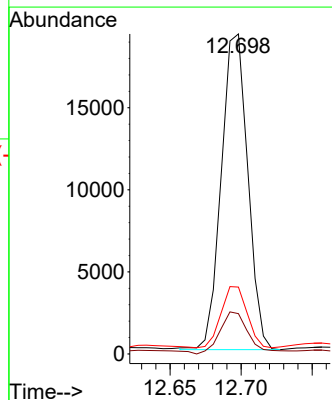
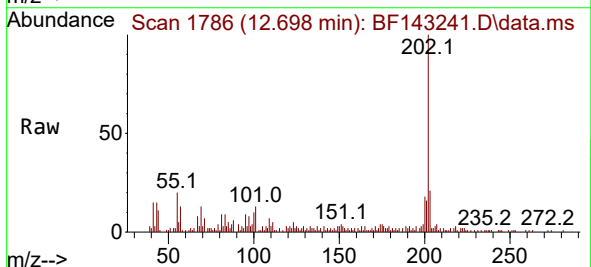
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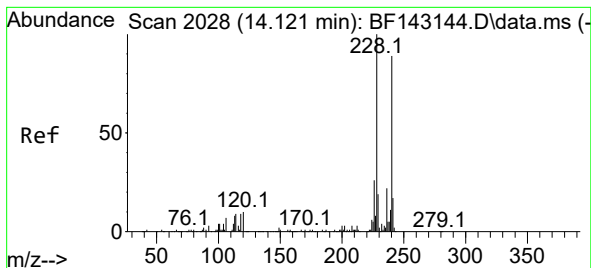
Tgt Ion:188 Resp: 254328
Ion Ratio Lower Upper
188 100
94 10.7 8.3 12.5
80 11.3 9.0 13.6



#75
Fluoranthene
Concen: 2.014 ng
RT: 12.698 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF143241.D
Acq: 24 Jul 2025 18:55

Tgt Ion:202 Resp: 24959
Ion Ratio Lower Upper
202 100
101 12.6 0.0 31.7
203 20.9 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF143241.D

Acq: 24 Jul 2025 18:55

Instrument :

BNA_F

ClientSampleId :

TP-3

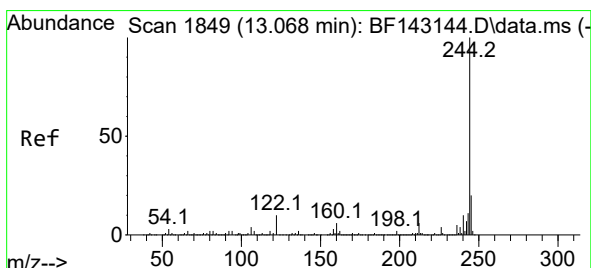
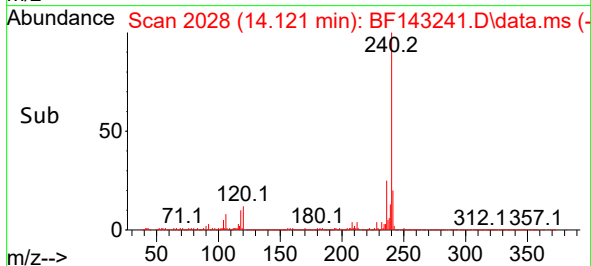
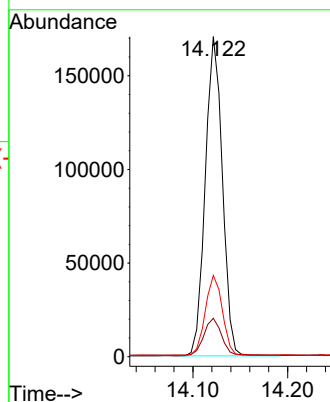
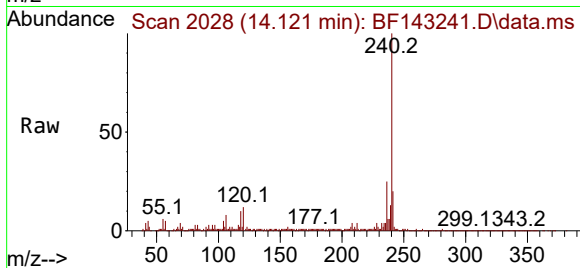
Tgt Ion:240 Resp: 213633

Ion Ratio Lower Upper

240 100

120 12.0 9.4 14.2

236 25.4 20.2 30.4



#79

Terphenyl-d14

Concen: 27.472 ng

RT: 13.063 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF143241.D

Acq: 24 Jul 2025 18:55

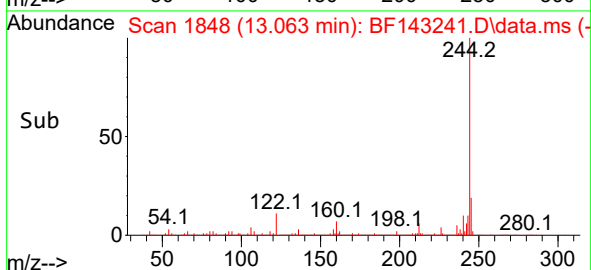
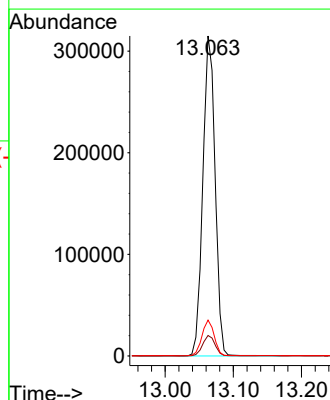
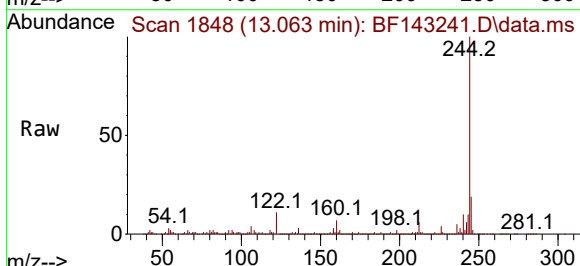
Tgt Ion:244 Resp: 394384

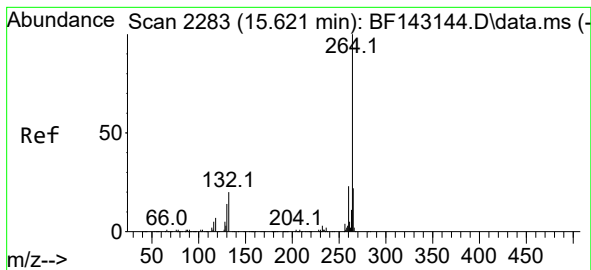
Ion Ratio Lower Upper

244 100

212 6.4 5.2 7.8

122 11.2 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143241.D

Acq: 24 Jul 2025 18:55

Instrument :

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ClientSampleId :

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Tgt Ion:264 Resp: 139335

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 22.6 17.4 26.2

