

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
 Data File : BF143102.D
 Acq On : 15 Jul 2025 17:57
 Operator : RC/JU
 Sample : PB168737BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168737BL

Quant Time: Jul 15 18:31:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:53:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	145621	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	564971	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	287589	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	502532	20.000	ng	0.00
76) Chrysene-d12	14.127	240	316249	20.000	ng	0.00
86) Perylene-d12	15.633	264	240012	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	1132866	122.912	ng	0.02
7) Phenol-d6	6.587	99	1435215	123.879	ng	0.00
23) Nitrobenzene-d5	7.522	82	883004	87.677	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	381768	148.879	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1643496	75.965	ng	0.00
79) Terphenyl-d14	13.074	244	1688559	78.051	ng	0.00

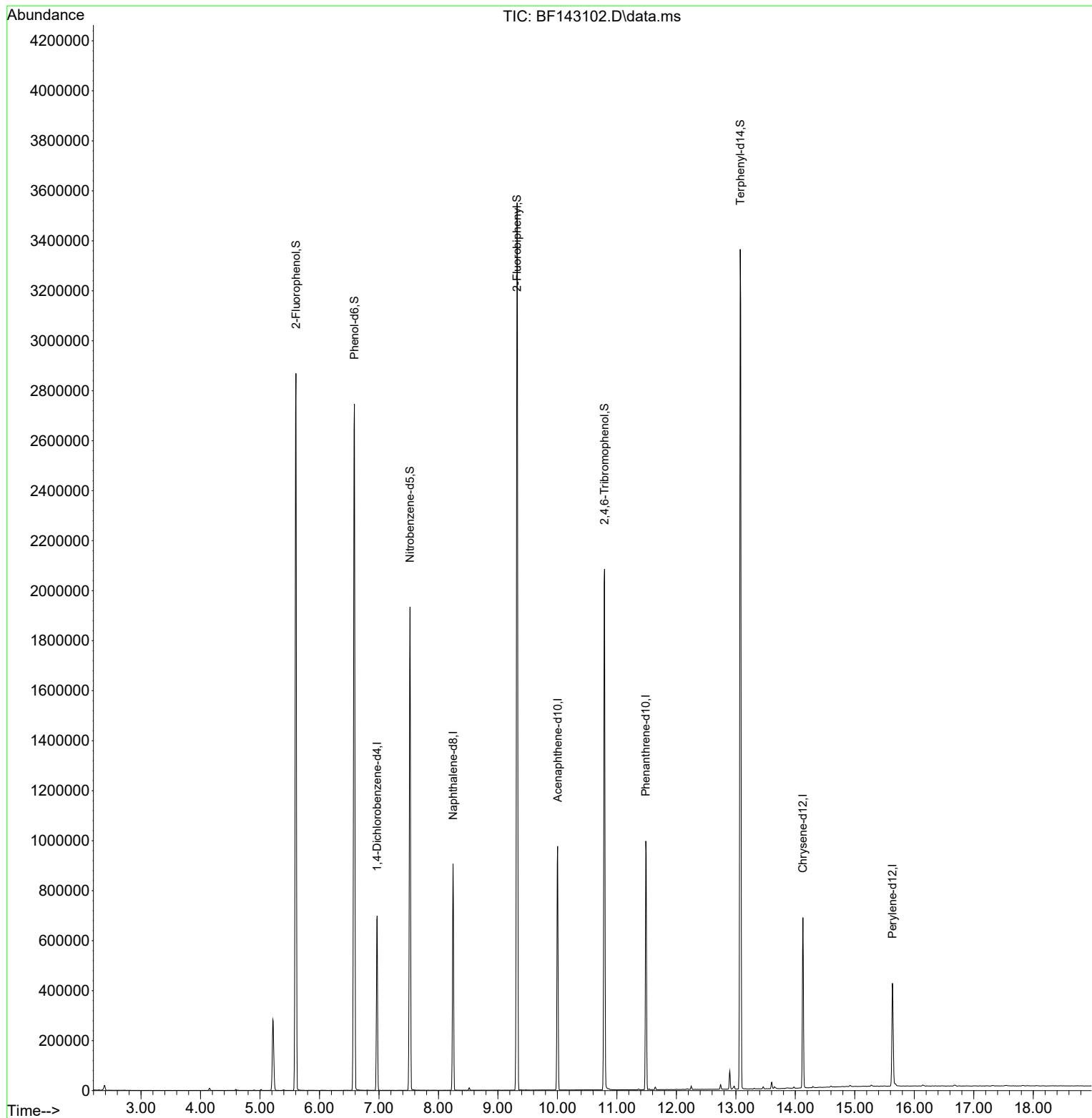
Target Compounds	Qvalue

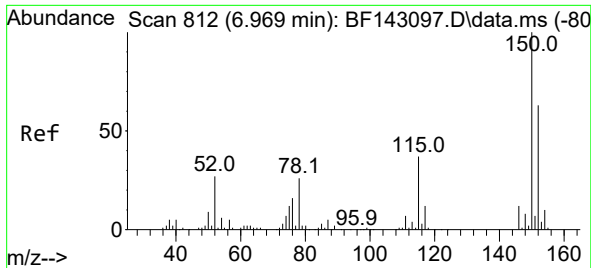
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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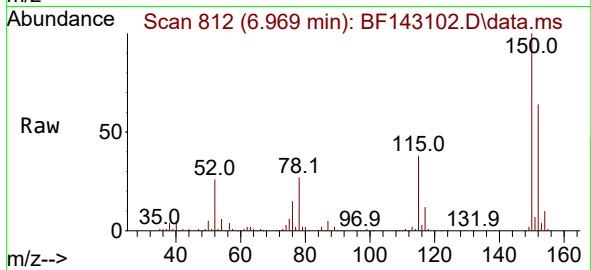
Quant Time: Jul 15 18:31:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
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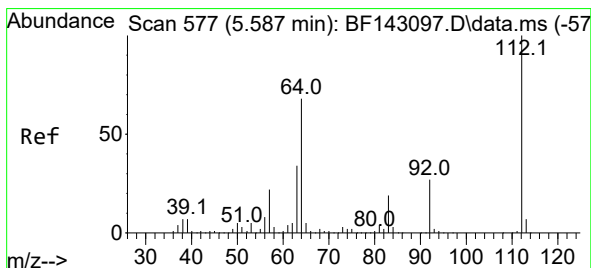
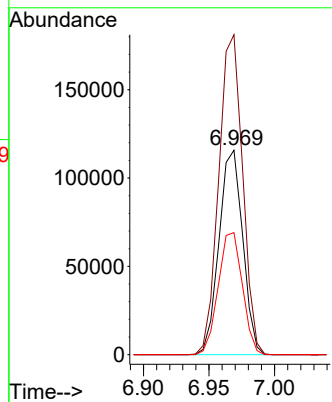
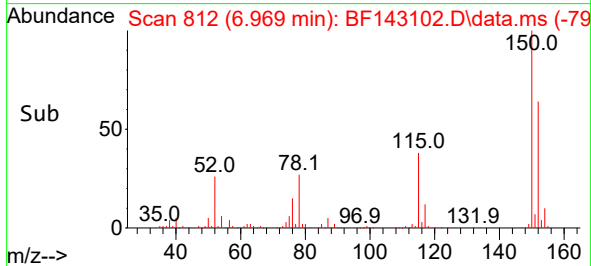


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143102.D
Acq: 15 Jul 2025 17:57

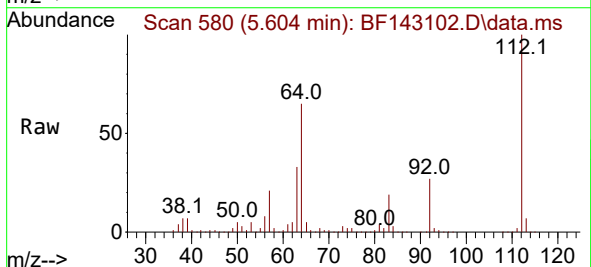
Instrument :
BNA_F
ClientSampleId :
PB168737BL



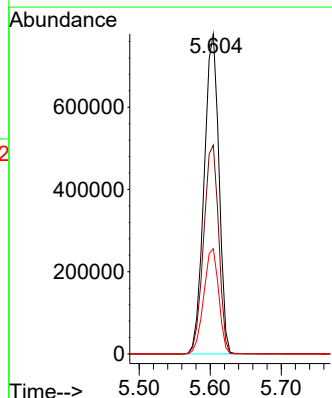
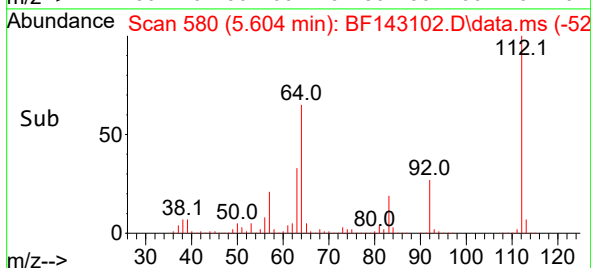
Tgt Ion:152 Resp: 145621
Ion Ratio Lower Upper
152 100
150 156.5 126.5 189.7
115 59.7 47.0 70.6

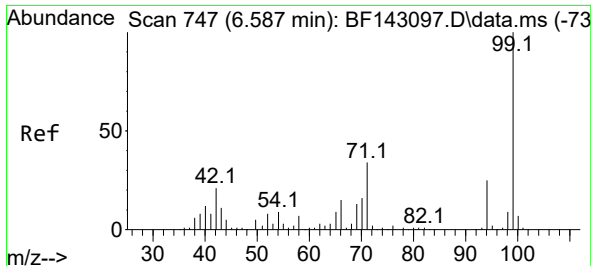


#5
2-Fluorophenol
Concen: 122.912 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143102.D
Acq: 15 Jul 2025 17:57



Tgt Ion:112 Resp: 1132866
Ion Ratio Lower Upper
112 100
64 65.3 54.6 82.0
63 32.9 27.3 40.9

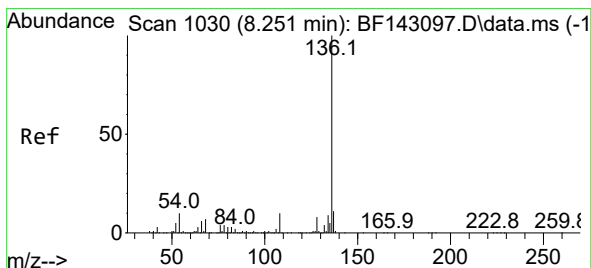
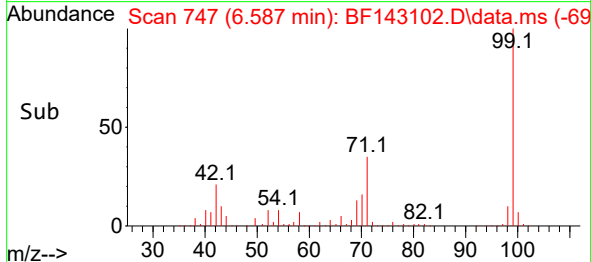
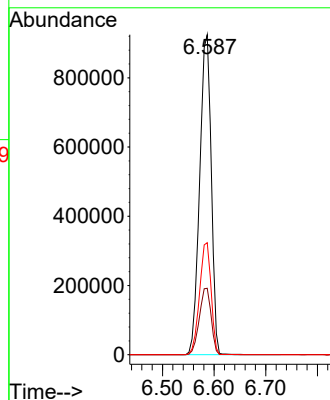
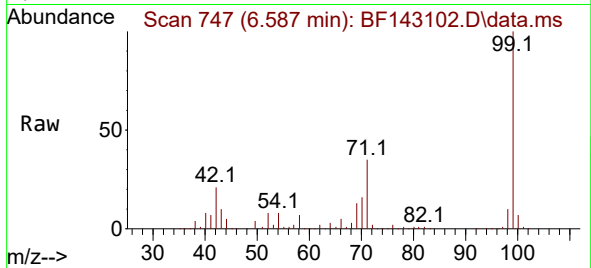




#7
Phenol-d6
Concen: 123.879 ng
RT: 6.587 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF143102.D
Acq: 15 Jul 2025 17:57

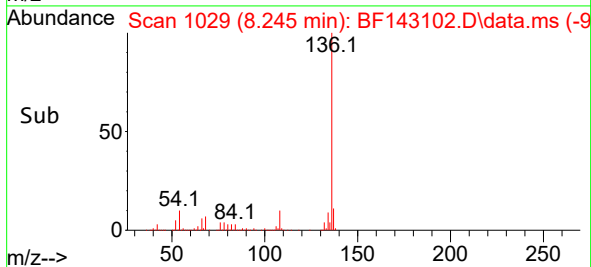
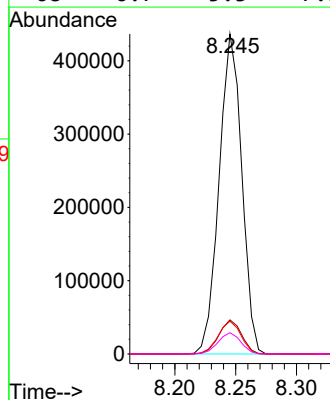
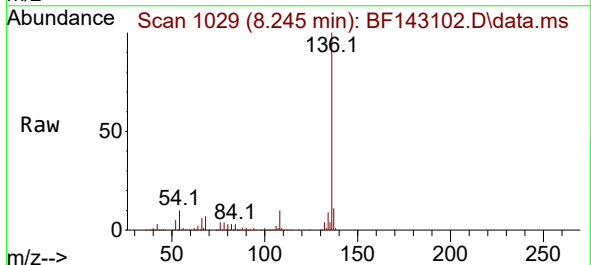
Instrument :
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ClientSampleId :
PB168737BL

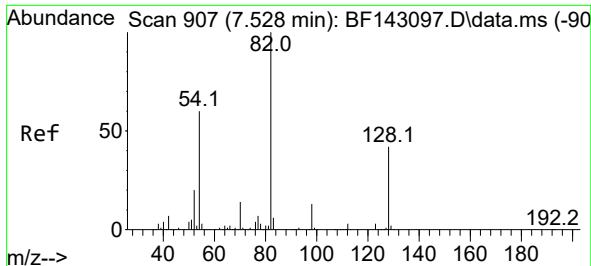
Tgt Ion: 99 Resp: 1435215
Ion Ratio Lower Upper
99 100
42 20.8 17.2 25.8
71 35.0 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF143102.D
Acq: 15 Jul 2025 17:57

Tgt Ion:136 Resp: 564971
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 10.3 8.3 12.5
68 6.7 5.3 7.9





#23

Nitrobenzene-d5

Concen: 87.677 ng

RT: 7.522 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF143102.D

Acq: 15 Jul 2025 17:57

Instrument :

BNA_F

ClientSampleId :

PB168737BL

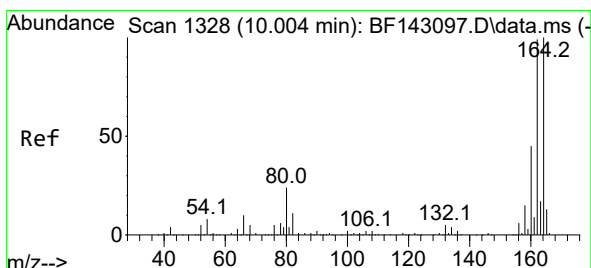
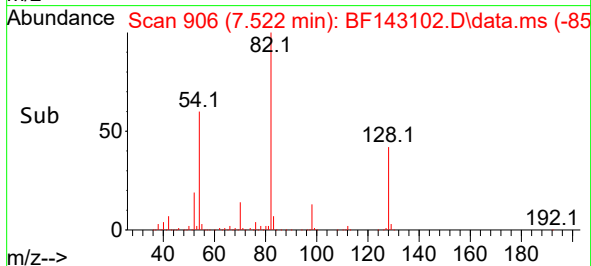
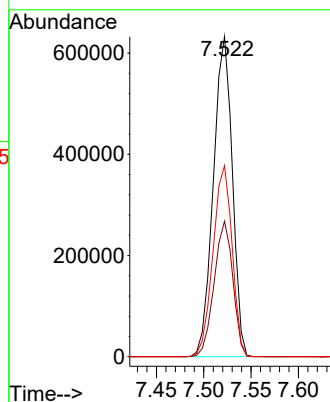
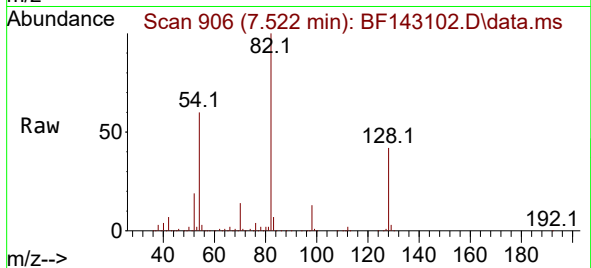
Tgt Ion: 82 Resp: 883004

Ion Ratio Lower Upper

82 100

128 42.3 33.3 49.9

54 59.7 47.4 71.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF143102.D

Acq: 15 Jul 2025 17:57

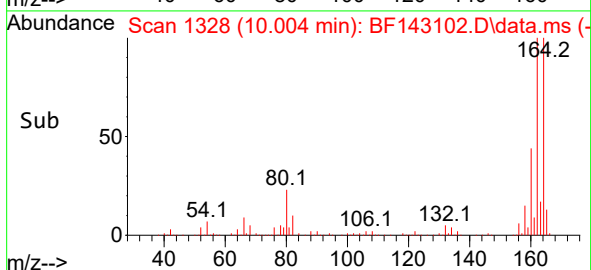
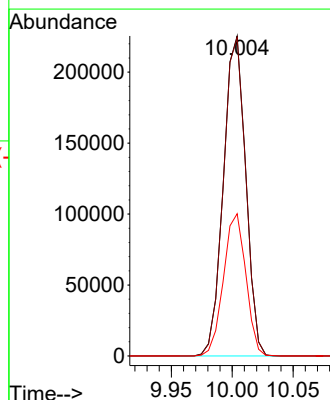
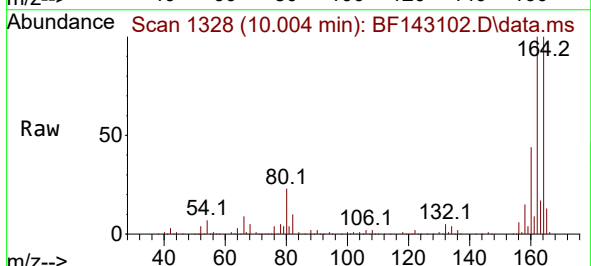
Tgt Ion:164 Resp: 287589

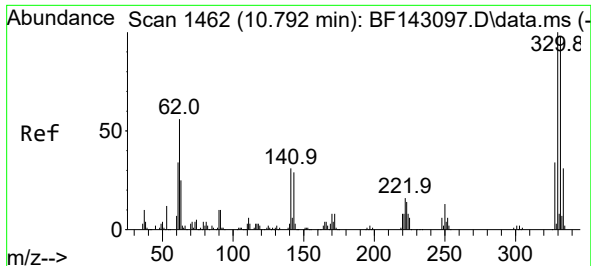
Ion Ratio Lower Upper

164 100

162 99.5 79.0 118.6

160 44.5 35.8 53.6

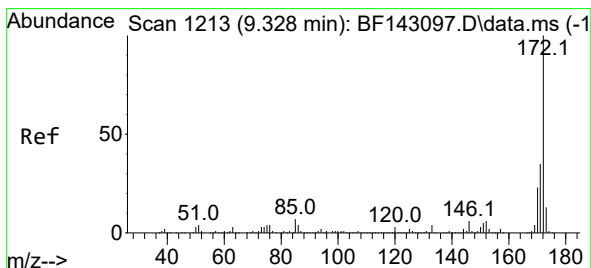
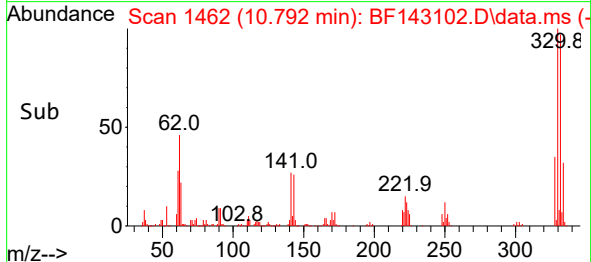
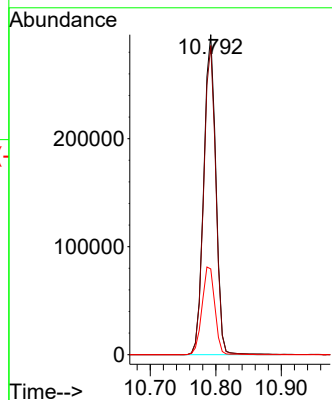
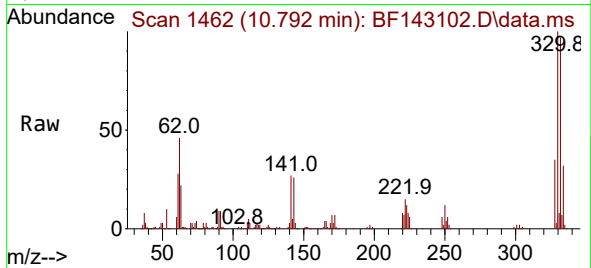




#42
 2,4,6-Tribromophenol
 Concen: 148.879 ng
 RT: 10.792 min Scan# 1462
 Delta R.T. 0.000 min
 Lab File: BF143102.D
 Acq: 15 Jul 2025 17:57

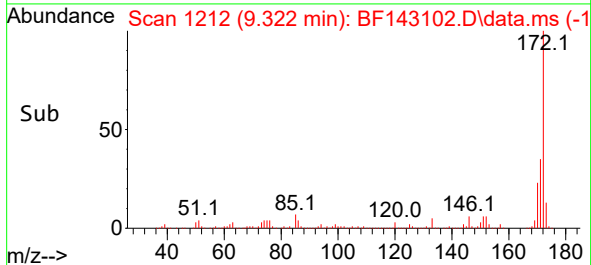
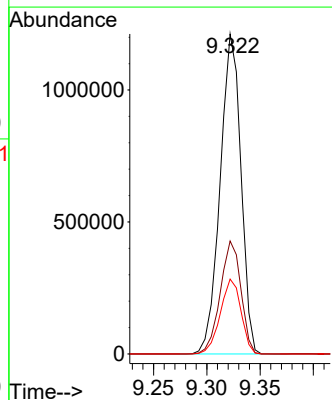
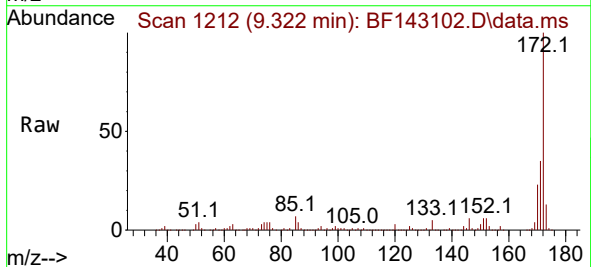
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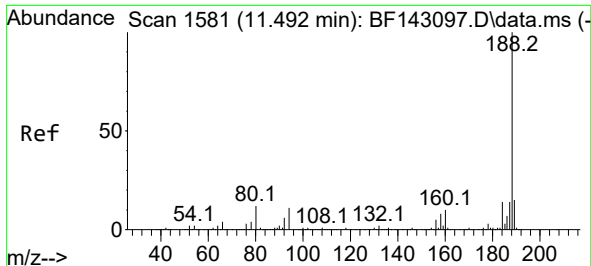
Tgt Ion:330 Resp: 381768
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.9 116.9
 141 29.0 25.9 38.9



#45
 2-Fluorobiphenyl
 Concen: 75.965 ng
 RT: 9.322 min Scan# 1212
 Delta R.T. -0.006 min
 Lab File: BF143102.D
 Acq: 15 Jul 2025 17:57

Tgt Ion:172 Resp: 1643496
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.2 42.4
 170 23.4 18.6 28.0

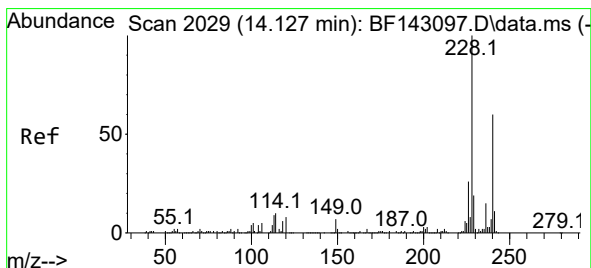
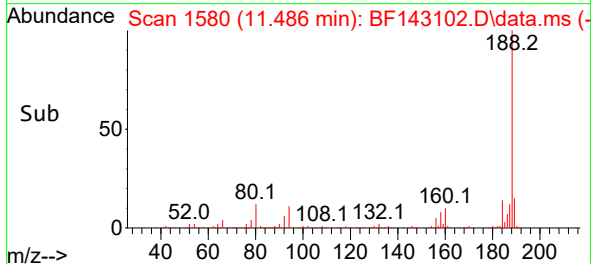
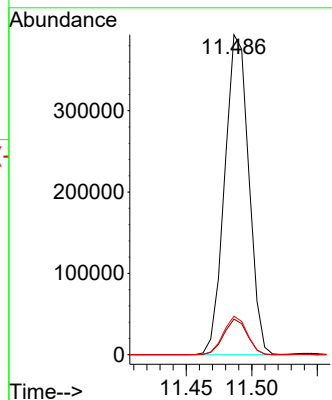
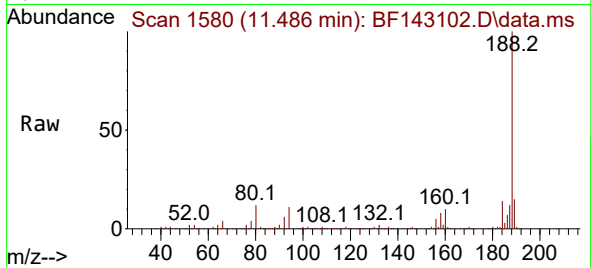




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143102.D
Acq: 15 Jul 2025 17:57

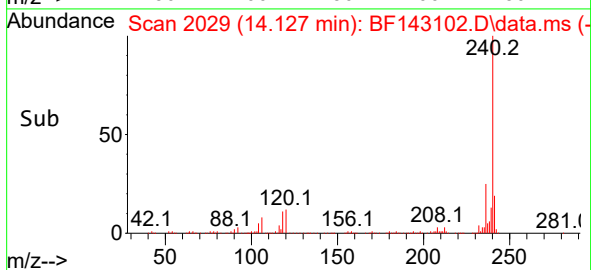
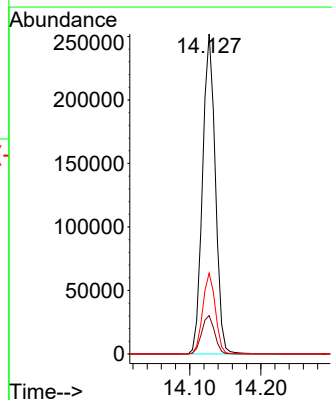
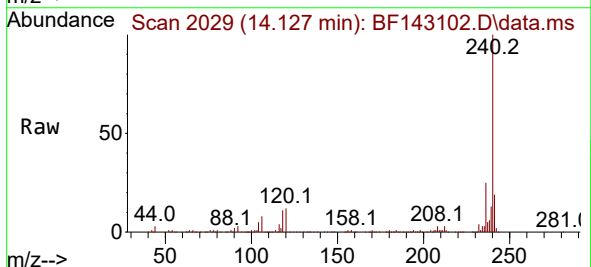
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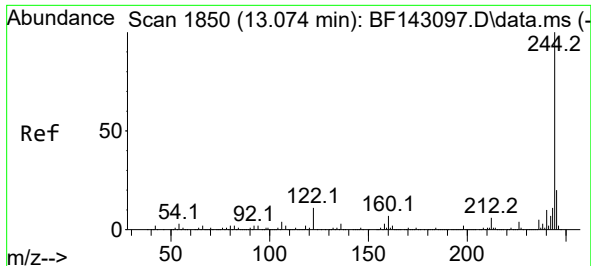
Tgt Ion:188 Resp: 502532
Ion Ratio Lower Upper
188 100
94 11.1 8.6 13.0
80 12.0 9.3 13.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF143102.D
Acq: 15 Jul 2025 17:57

Tgt Ion:240 Resp: 316249
Ion Ratio Lower Upper
240 100
120 12.0 10.0 15.0
236 25.2 20.0 30.0

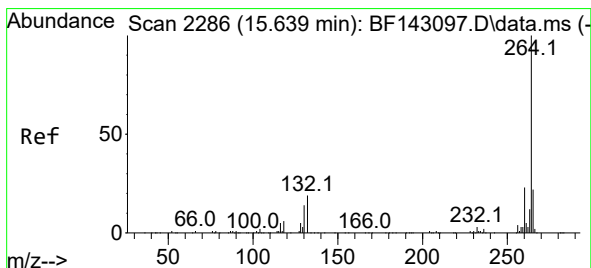
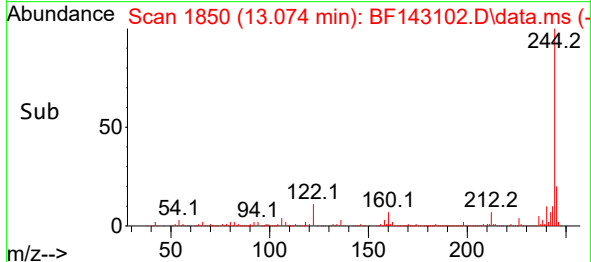
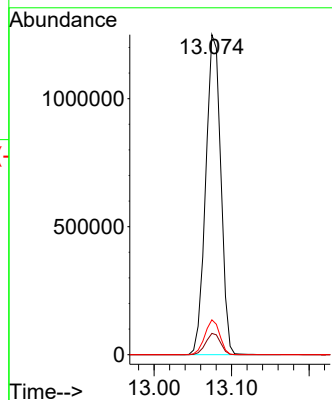
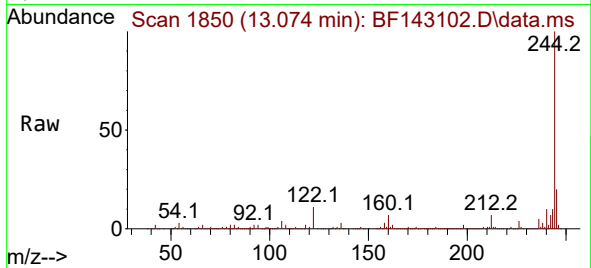




#79
 Terphenyl-d14
 Concen: 78.051 ng
 RT: 13.074 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143102.D
 Acq: 15 Jul 2025 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB168737BL

Tgt Ion:244 Resp: 1688559
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 10.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: BF143102.D
 Acq: 15 Jul 2025 17:57

Tgt Ion:264 Resp: 240012
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.5 27.7
 265 22.0 17.5 26.3

