

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
 Data File : BF143228.D
 Acq On : 24 Jul 2025 12:33
 Operator : RC/JU
 Sample : Q2668-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Jul 24 13:03:21 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	105213	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	389573	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	188060	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	276782	20.000	ng	0.00
76) Chrysene-d12	14.116	240	249381	20.000	ng	0.00
86) Perylene-d12	15.621	264	263516	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	691737	104.041	ng	0.02
7) Phenol-d6	6.587	99	819841	97.966	ng	0.00
23) Nitrobenzene-d5	7.516	82	622126	79.603	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	214093	110.200	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1094655	79.606	ng	0.00
79) Terphenyl-d14	13.063	244	990668	59.115	ng	0.00

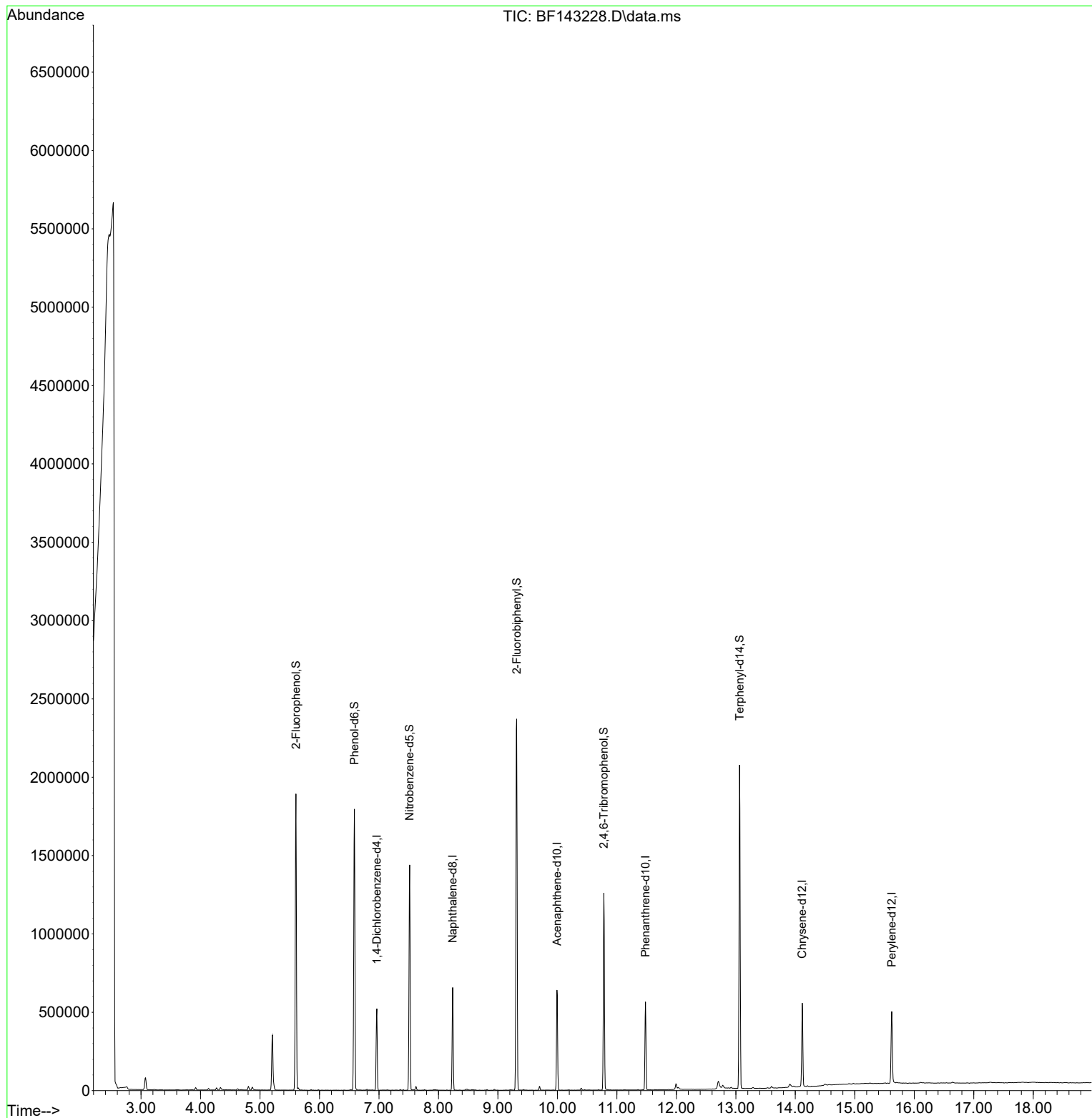
Target Compounds	Qvalue

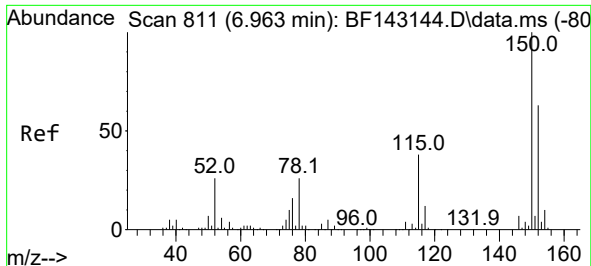
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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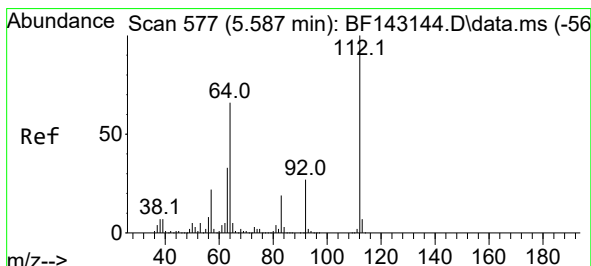
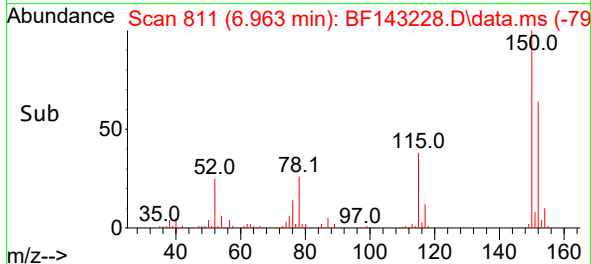
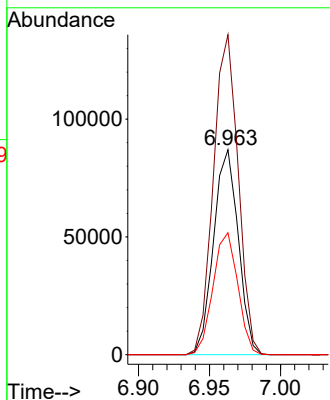
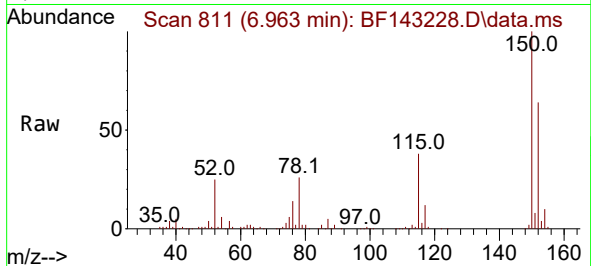




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143228.D
Acq: 24 Jul 2025 12:33

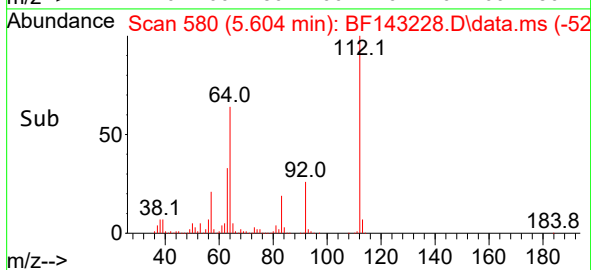
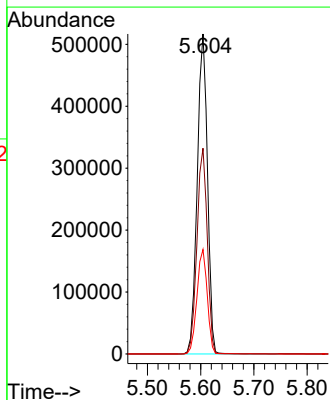
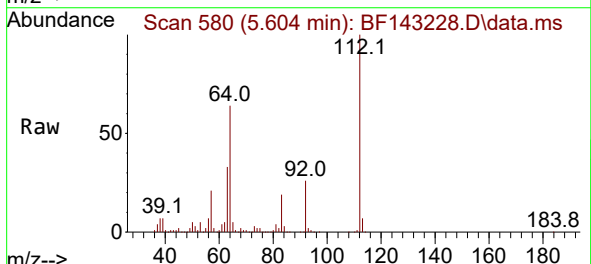
Instrument :
BNA_F
ClientSampleId :
TP-3

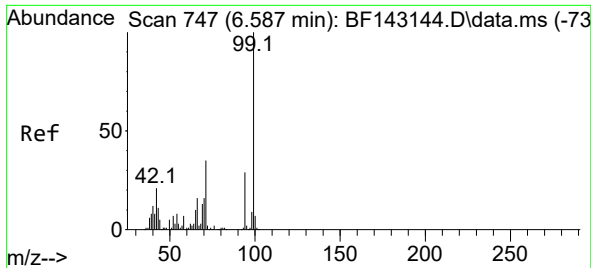
Tgt Ion:152 Resp: 105213
Ion Ratio Lower Upper
152 100
150 156.1 128.2 192.4
115 59.5 47.9 71.9



#5
2-Fluorophenol
Concen: 104.041 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143228.D
Acq: 24 Jul 2025 12:33

Tgt Ion:112 Resp: 691737
Ion Ratio Lower Upper
112 100
64 64.3 53.1 79.7
63 32.6 26.6 40.0

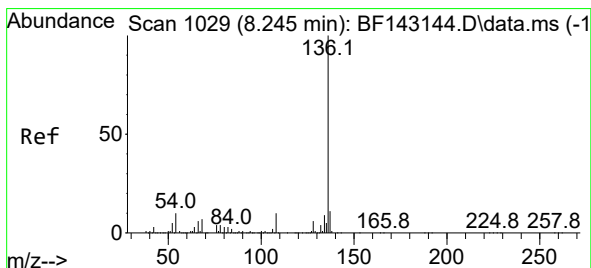
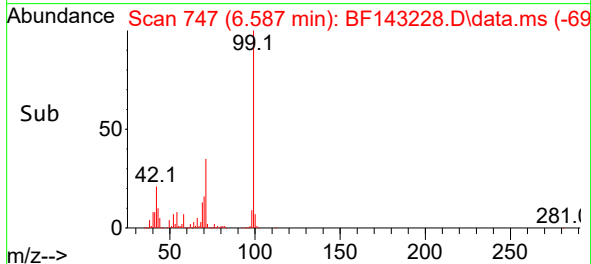
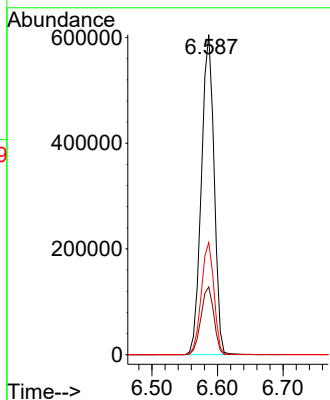
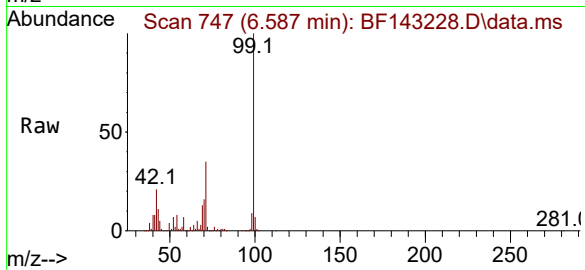




#7
Phenol-d6
Concen: 97.966 ng
RT: 6.587 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF143228.D
Acq: 24 Jul 2025 12:33

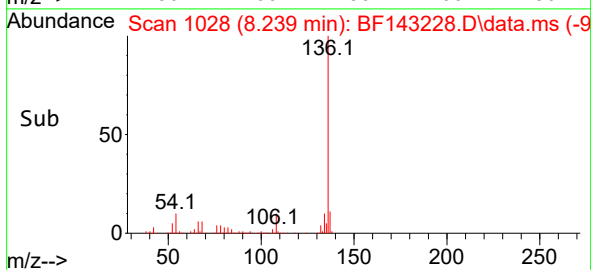
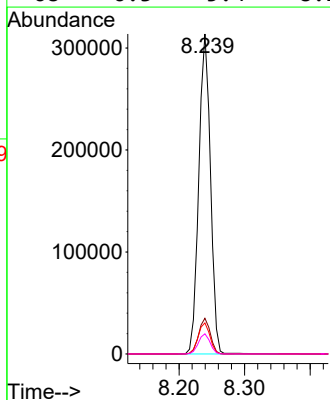
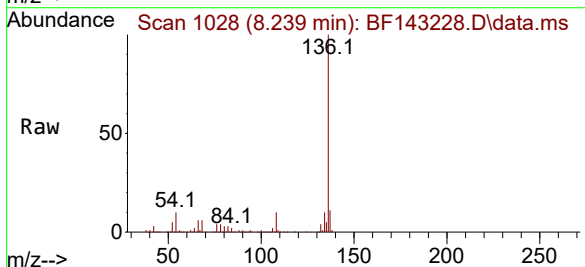
Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 819841
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 35.1 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: BF143228.D
Acq: 24 Jul 2025 12:33

Tgt Ion: 136 Resp: 389573
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.7 8.2 12.2
68 6.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 79.603 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143228.D

Acq: 24 Jul 2025 12:33

Instrument :

BNA_F

ClientSampleId :

TP-3

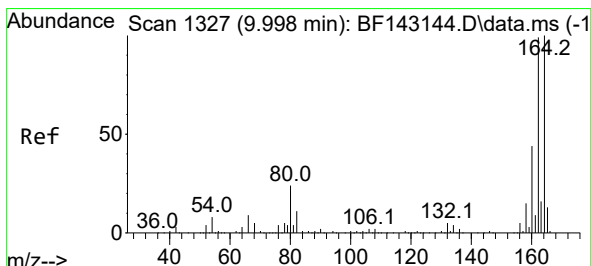
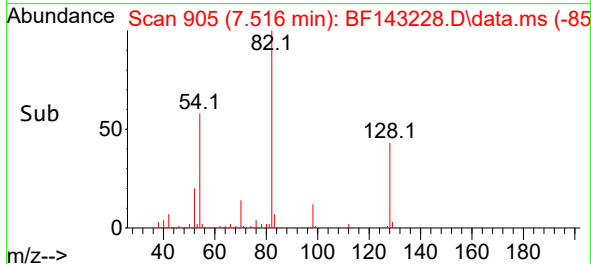
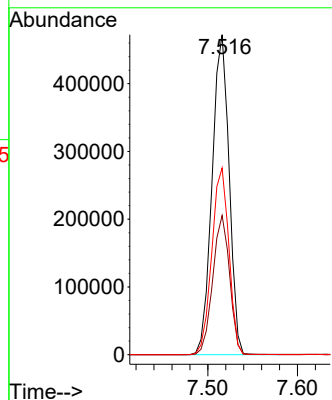
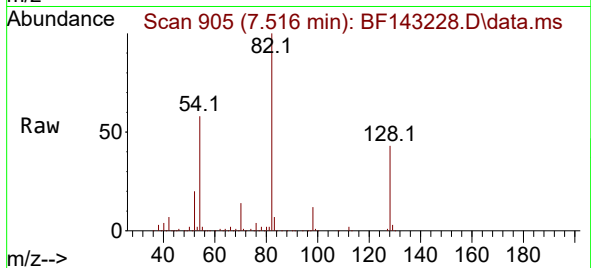
Tgt Ion: 82 Resp: 622126

Ion Ratio Lower Upper

82 100

128 43.5 33.6 50.4

54 58.3 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.992 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF143228.D

Acq: 24 Jul 2025 12:33

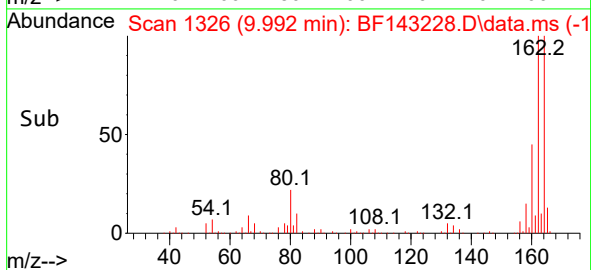
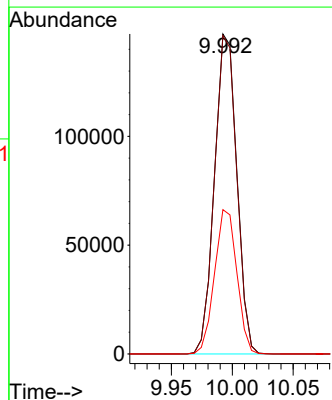
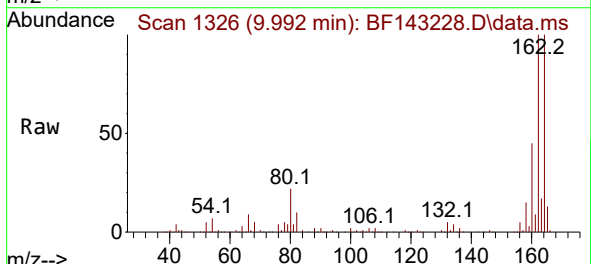
Tgt Ion:164 Resp: 188060

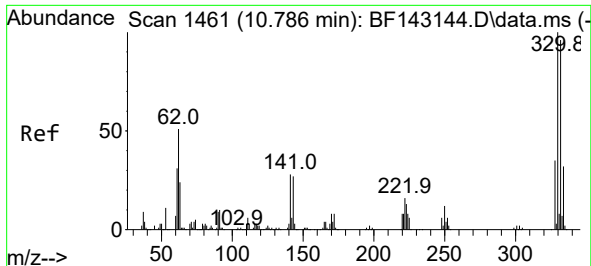
Ion Ratio Lower Upper

164 100

162 99.5 79.0 118.6

160 45.1 35.1 52.7

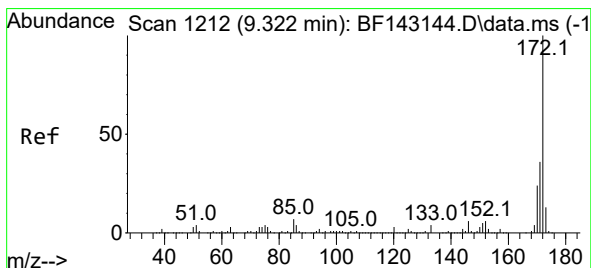
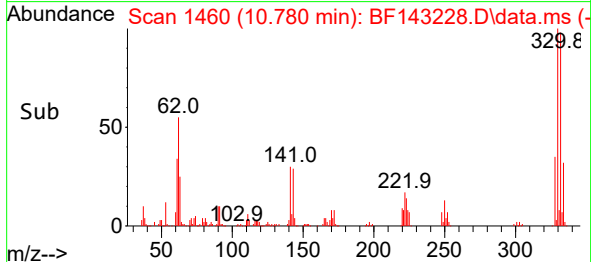
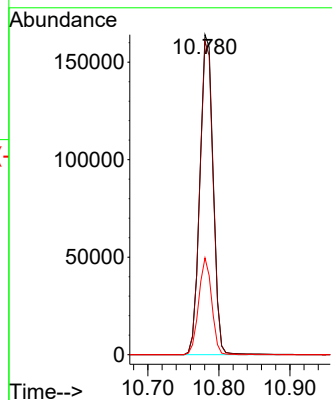
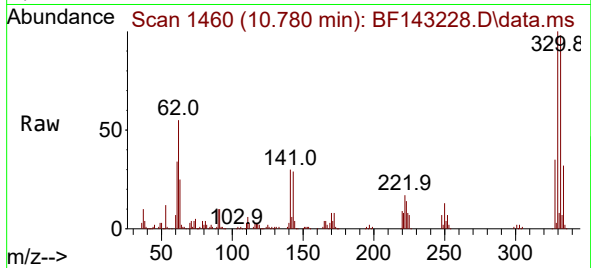




#42
 2,4,6-Tribromophenol
 Concen: 110.200 ng
 RT: 10.780 min Scan# 1461
 Delta R.T. -0.006 min
 Lab File: BF143228.D
 Acq: 24 Jul 2025 12:33

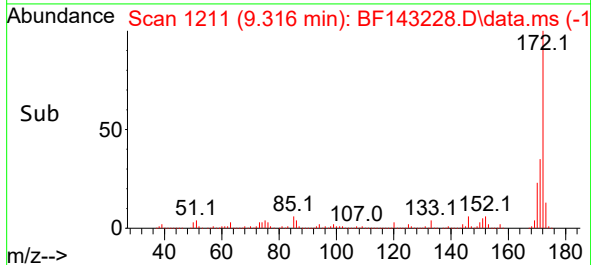
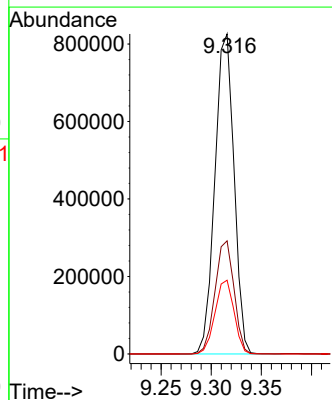
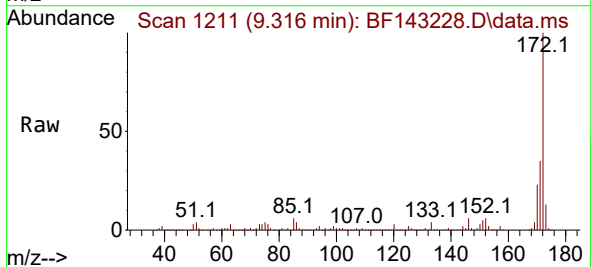
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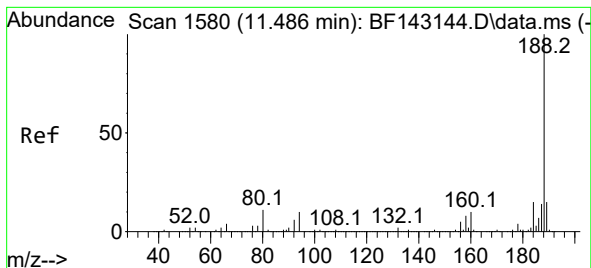
Tgt Ion:330 Resp: 214093
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.7 115.1
 141 29.3 23.3 34.9



#45
 2-Fluorobiphenyl
 Concen: 79.606 ng
 RT: 9.316 min Scan# 1211
 Delta R.T. -0.006 min
 Lab File: BF143228.D
 Acq: 24 Jul 2025 12:33

Tgt Ion:172 Resp: 1094655
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 23.0 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: BF143228.D

Acq: 24 Jul 2025 12:33

Instrument :

BNA_F

ClientSampleId :

TP-3

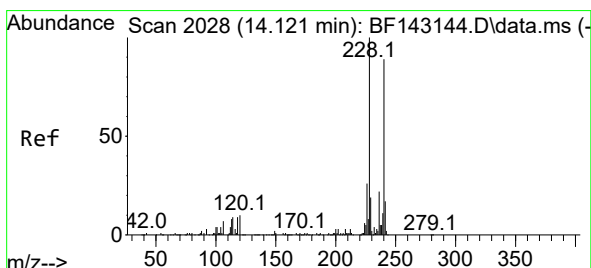
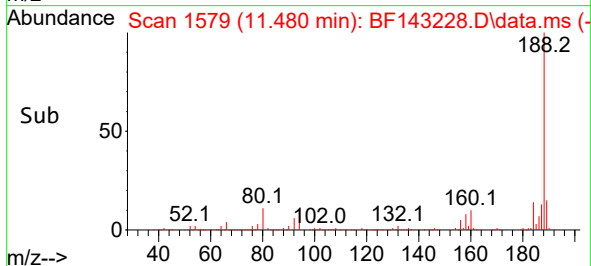
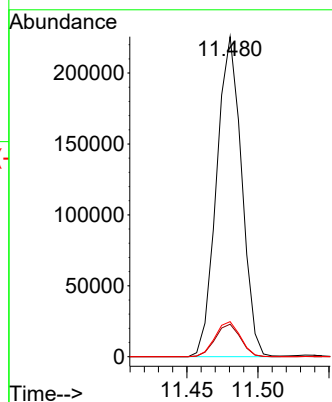
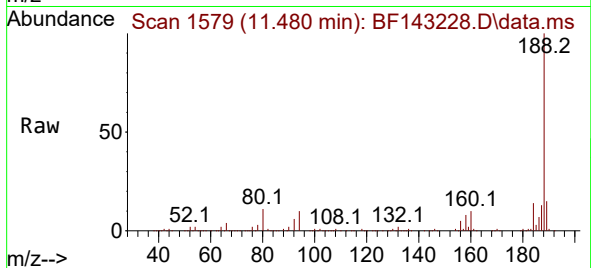
Tgt Ion:188 Resp: 276782

Ion Ratio Lower Upper

188 100

94 10.1 8.3 12.5

80 10.9 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.116 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF143228.D

Acq: 24 Jul 2025 12:33

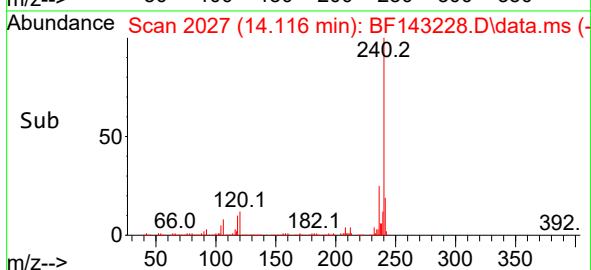
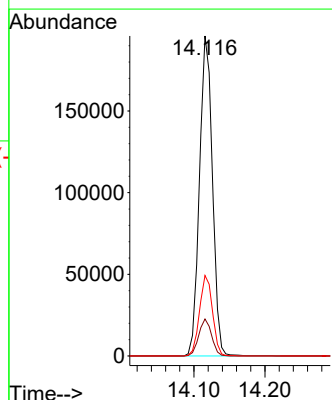
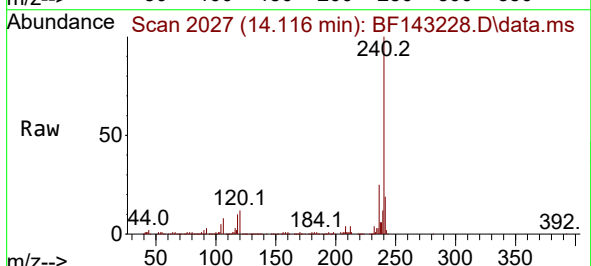
Tgt Ion:240 Resp: 249381

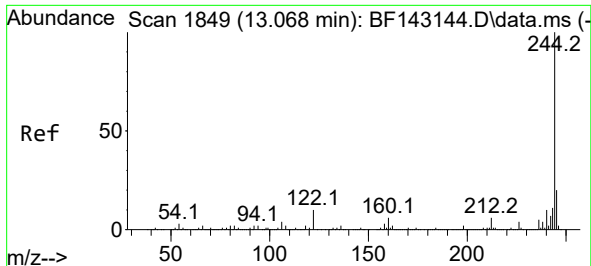
Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.2

236 25.2 20.2 30.4

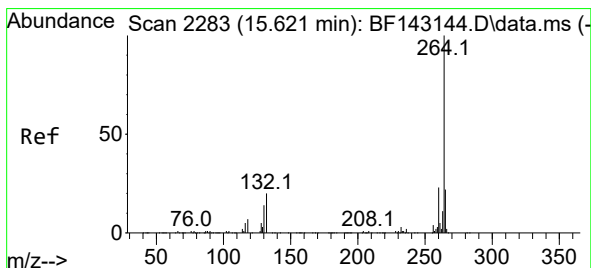
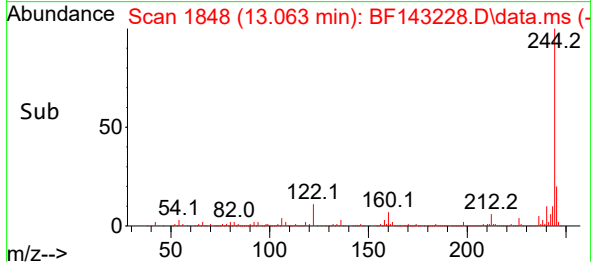
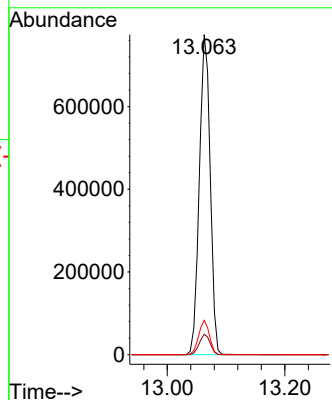
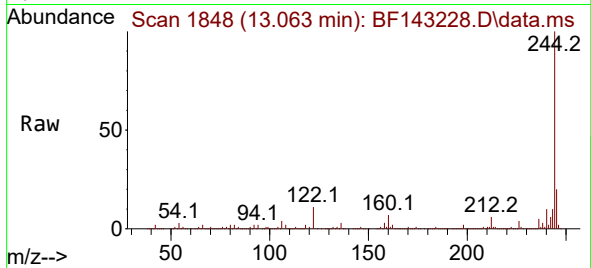




#79
Terphenyl-d14
Concen: 59.115 ng
RT: 13.063 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF143228.D
Acq: 24 Jul 2025 12:33

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:244 Resp: 990668
Ion Ratio Lower Upper
244 100
212 6.4 5.2 7.8
122 10.7 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143228.D
Acq: 24 Jul 2025 12:33

Tgt Ion:264 Resp: 263516
Ion Ratio Lower Upper
264 100
260 22.7 18.5 27.7
265 21.3 17.4 26.2

