

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
 Data File : BF143023.D
 Acq On : 07 Jul 2025 22:22
 Operator : RC/JU
 Sample : Q2513-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-2-070325

Quant Time: Jul 08 01:00:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	51281	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	173240	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	75961	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	132033	20.000	ng	0.00
76) Chrysene-d12	14.057	240	101384	20.000	ng	0.00
86) Perylene-d12	15.557	264	73874	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	21959	7.129	ng	0.00
7) Phenol-d6	6.510	99	24790	6.822	ng	0.00
23) Nitrobenzene-d5	7.434	82	13256	4.197	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	5215	6.671	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	29751	5.145	ng	-0.01
79) Terphenyl-d14	12.992	244	33639	4.584	ng	0.00

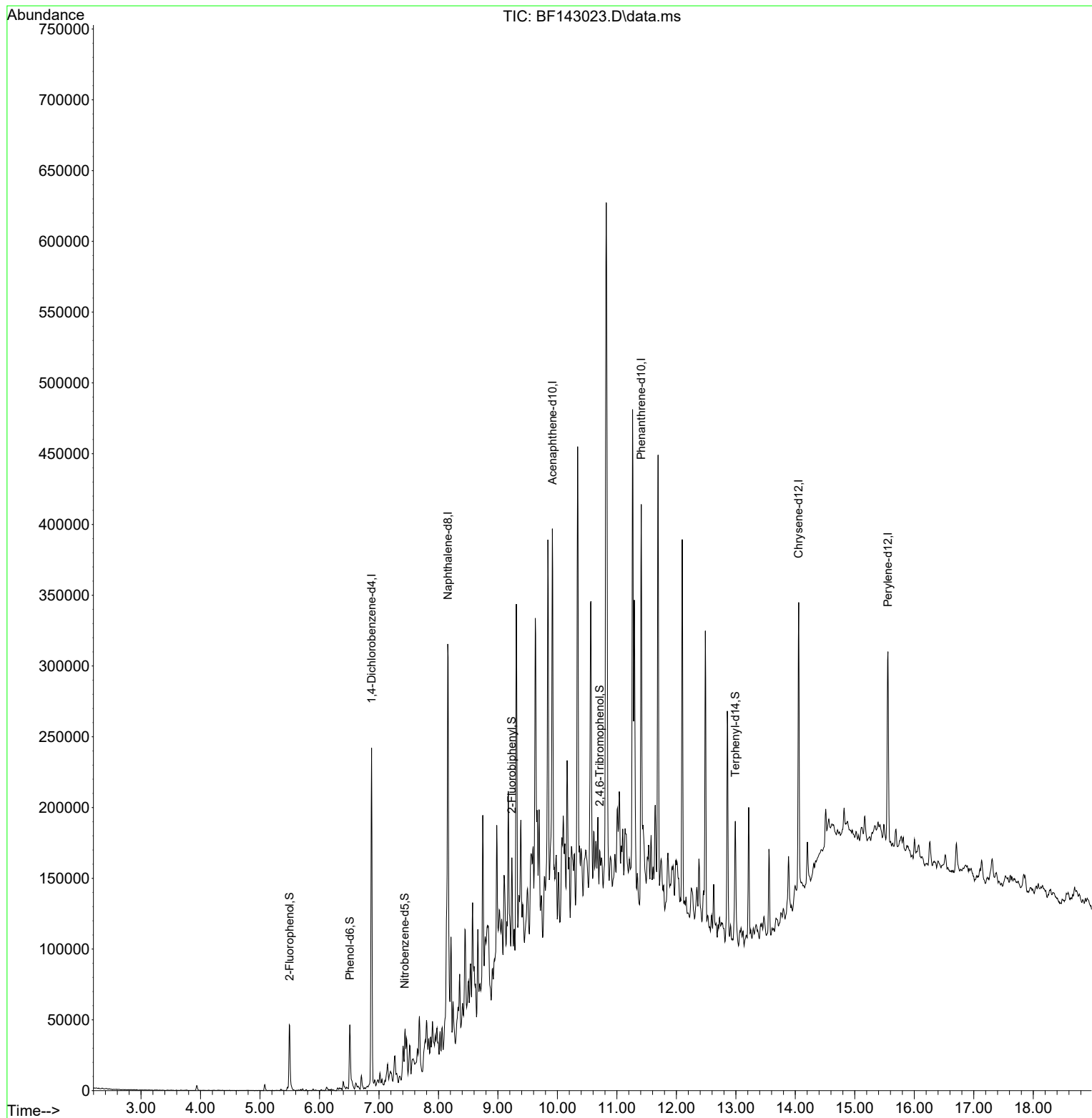
Target Compounds	Qvalue

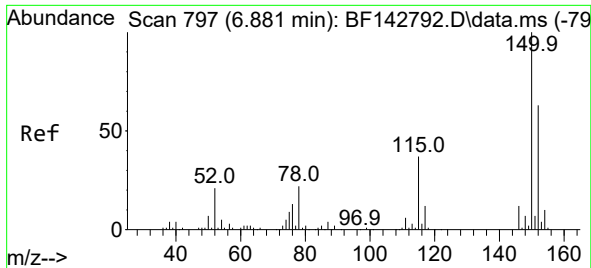
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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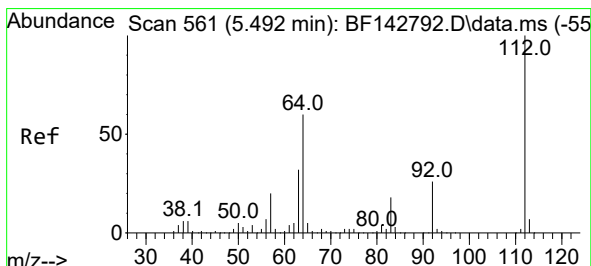
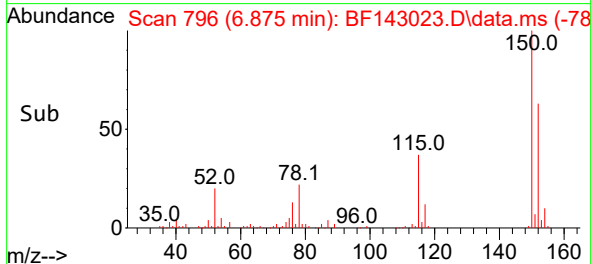
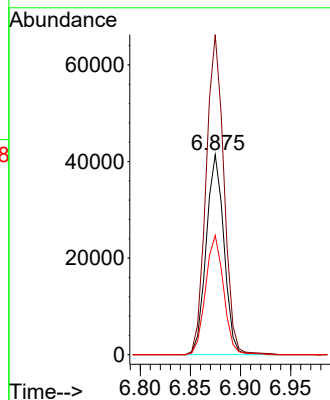
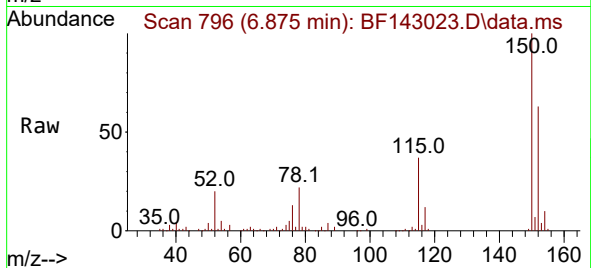




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF143023.D
 Acq: 07 Jul 2025 22:22

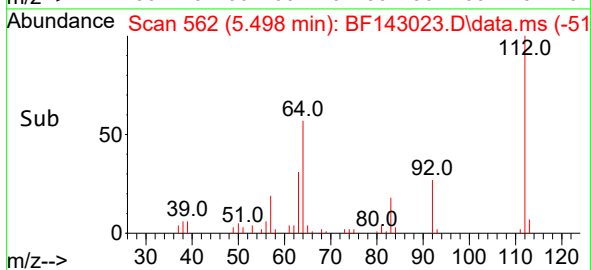
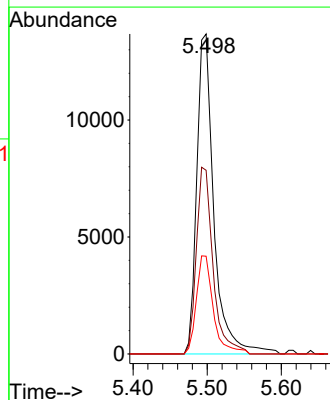
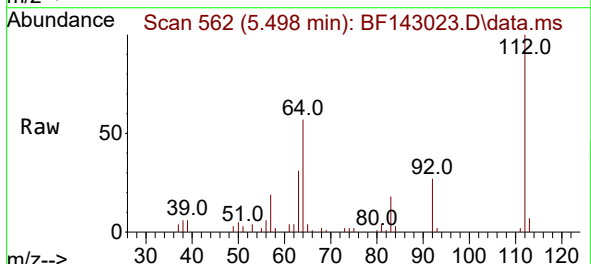
Instrument :
 BNA_F
 ClientSampleId :
 HR-2-070325

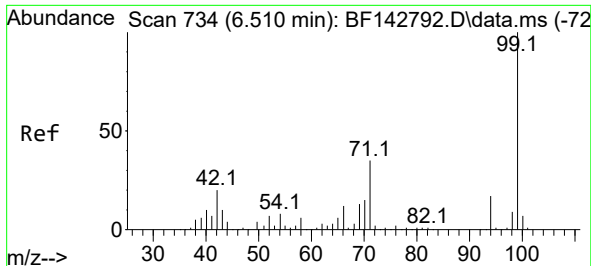
Tgt Ion:152 Resp: 51281
 Ion Ratio Lower Upper
 152 100
 150 159.9 127.2 190.8
 115 59.5 46.6 69.8



#5
 2-Fluorophenol
 Concen: 7.129 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF143023.D
 Acq: 07 Jul 2025 22:22

Tgt Ion:112 Resp: 21959
 Ion Ratio Lower Upper
 112 100
 64 57.4 48.2 72.2
 63 30.5 25.7 38.5

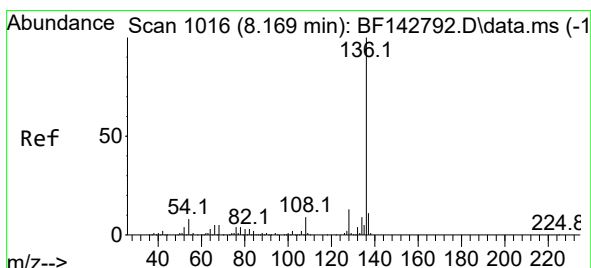
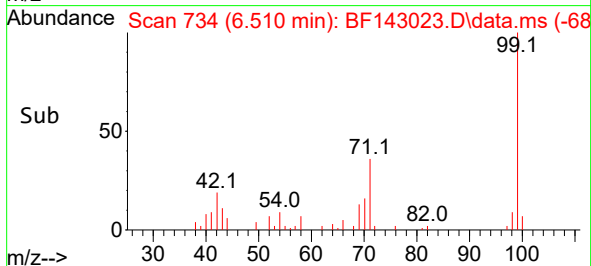
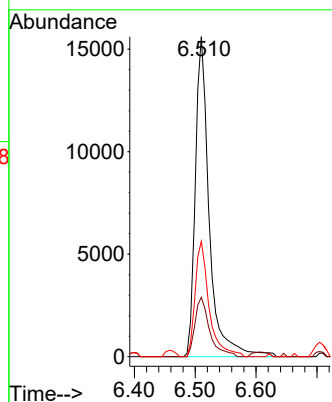
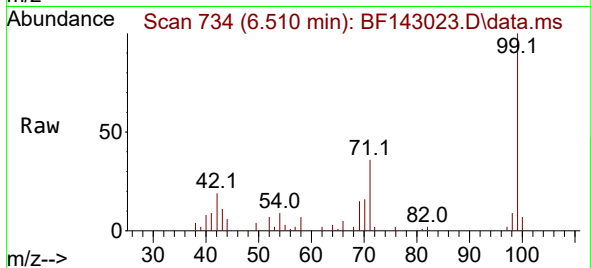




#7
Phenol-d6
Concen: 6.822 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143023.D
Acq: 07 Jul 2025 22:22

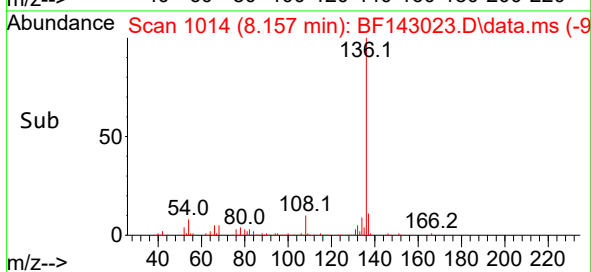
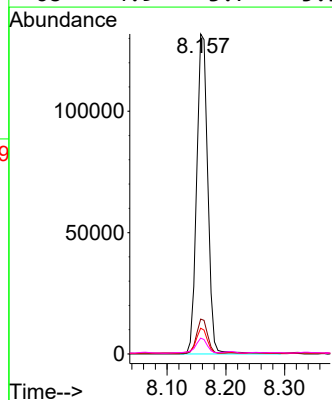
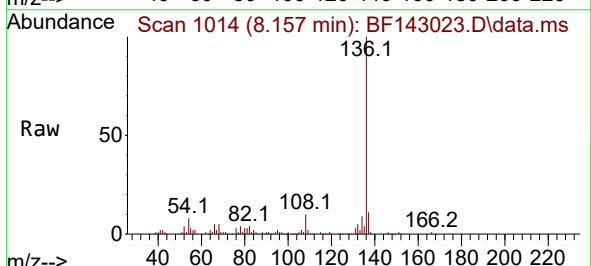
Instrument :
BNA_F
ClientSampleId :
HR-2-070325

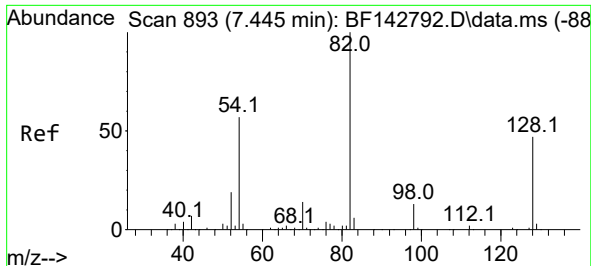
Tgt Ion:	99	Resp:	24790
Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.9	23.9
71	36.1	27.8	41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143023.D
Acq: 07 Jul 2025 22:22

Tgt Ion:	136	Resp:	173240
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.0	6.3	9.5
68	4.9	3.7	5.5

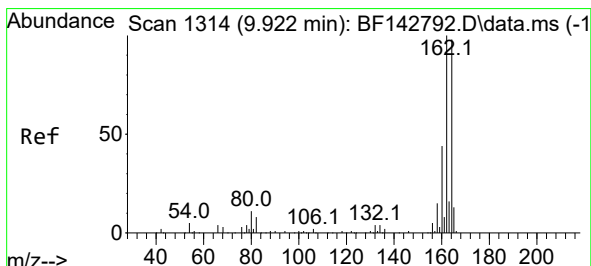
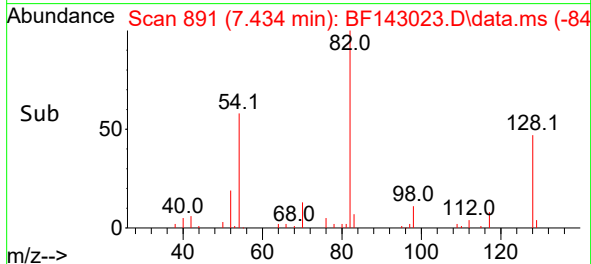
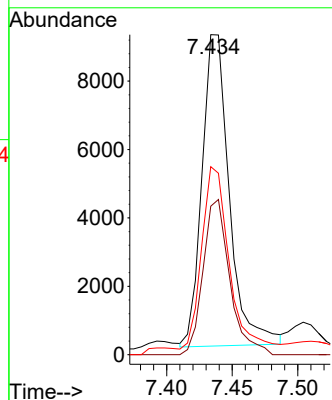
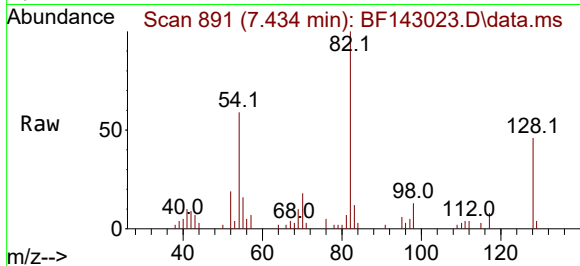




#23
 Nitrobenzene-d5
 Concen: 4.197 ng
 RT: 7.434 min Scan# 89
 Delta R.T. -0.011 min
 Lab File: BF143023.D
 Acq: 07 Jul 2025 22:22

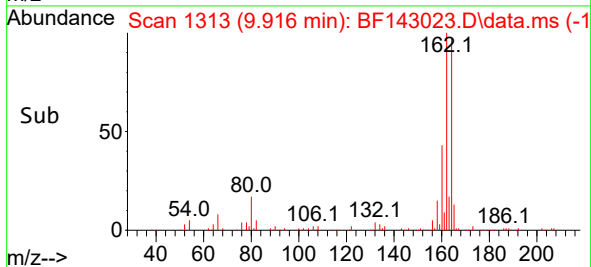
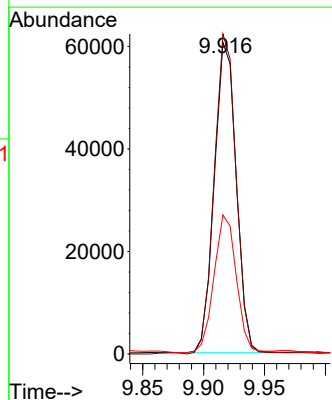
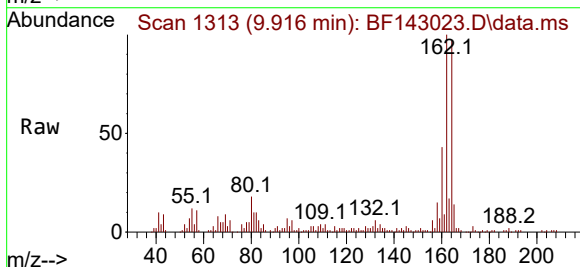
Instrument :
 BNA_F
 ClientSampleId :
 HR-2-070325

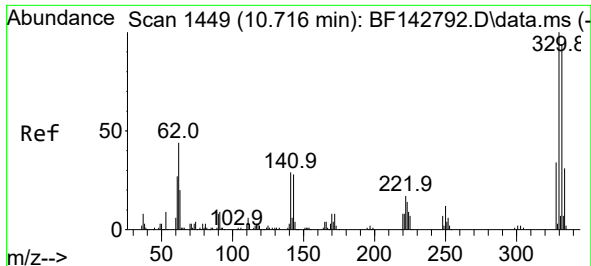
Tgt Ion: 82 Resp: 13256
 Ion Ratio Lower Upper
 82 100
 128 46.4 37.7 56.5
 54 58.8 45.7 68.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.916 min Scan# 1313
 Delta R.T. -0.006 min
 Lab File: BF143023.D
 Acq: 07 Jul 2025 22:22

Tgt Ion: 164 Resp: 75961
 Ion Ratio Lower Upper
 164 100
 162 102.7 81.8 122.8
 160 44.6 36.0 54.0

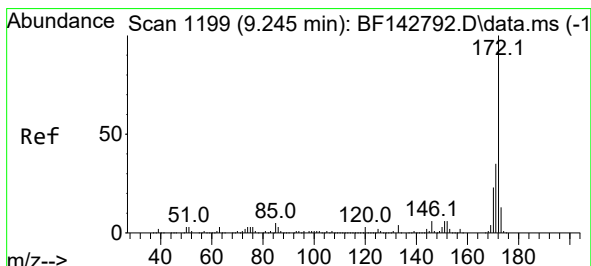
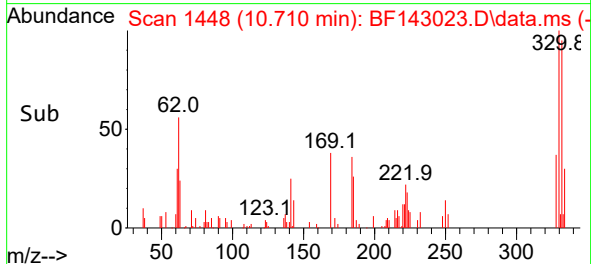
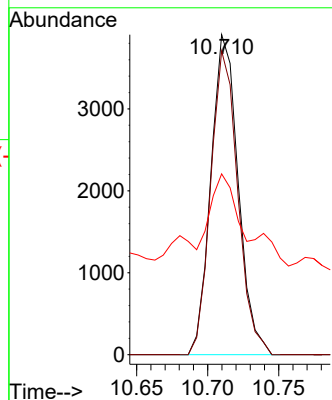
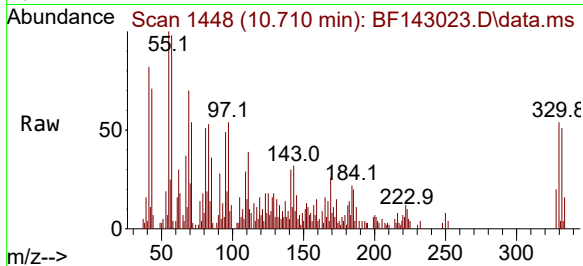




#42
2,4,6-Tribromophenol
Concen: 6.671 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143023.D
Acq: 07 Jul 2025 22:22

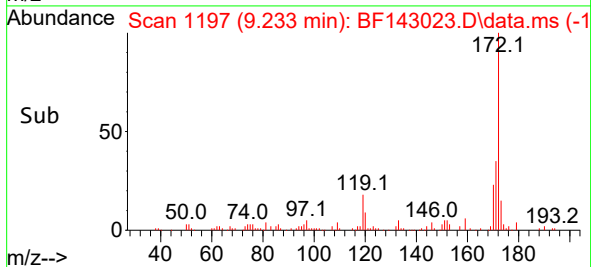
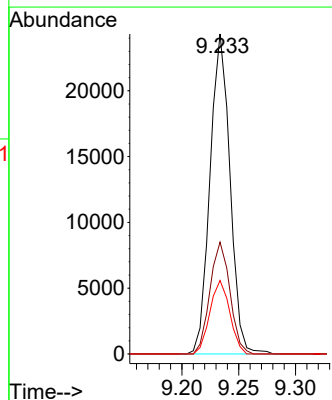
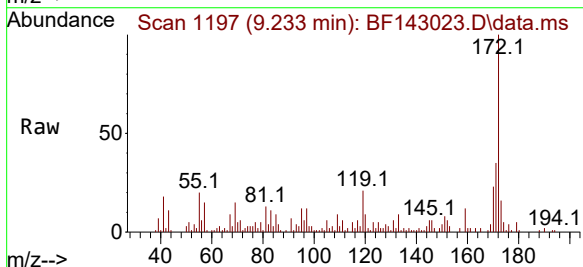
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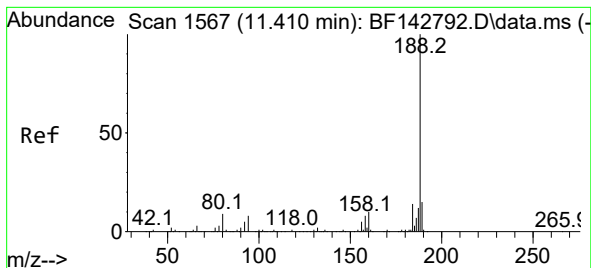
Tgt Ion: 330 Resp: 5215
Ion Ratio Lower Upper
330 100
332 94.1 75.0 112.6
141 36.1 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 5.145 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF143023.D
Acq: 07 Jul 2025 22:22

Tgt Ion: 172 Resp: 29751
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 22.9 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF143023.D

Acq: 07 Jul 2025 22:22

Instrument :

BNA_F

ClientSampleId :

HR-2-070325

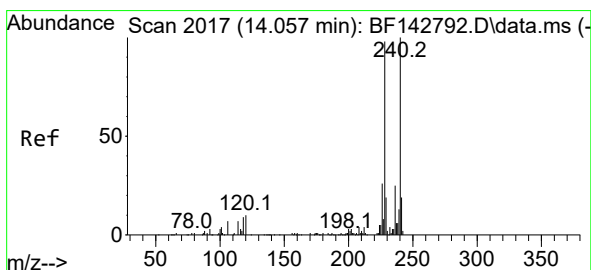
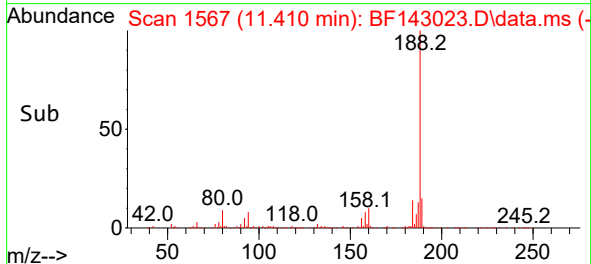
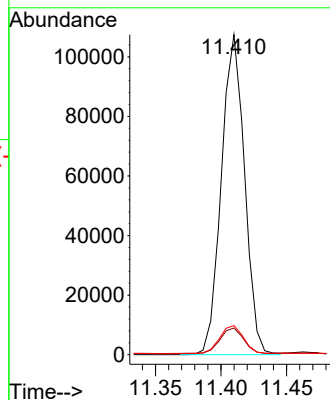
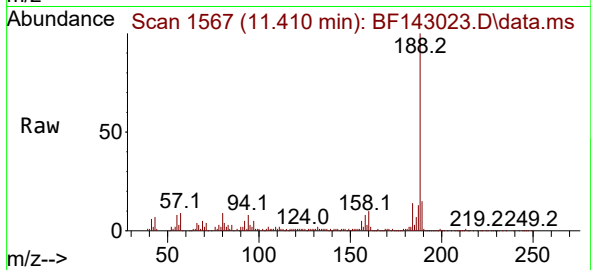
Tgt Ion:188 Resp: 132033

Ion Ratio Lower Upper

188 100

94 8.4 6.7 10.1

80 9.1 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF143023.D

Acq: 07 Jul 2025 22:22

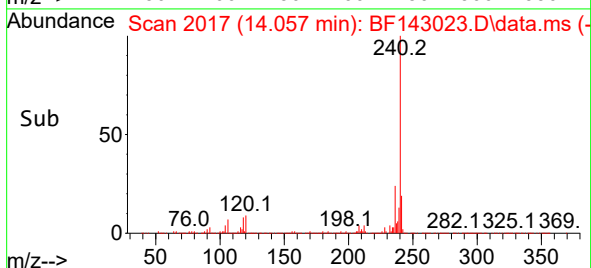
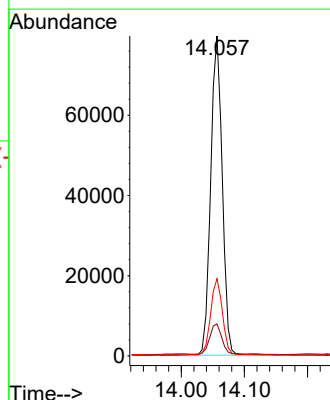
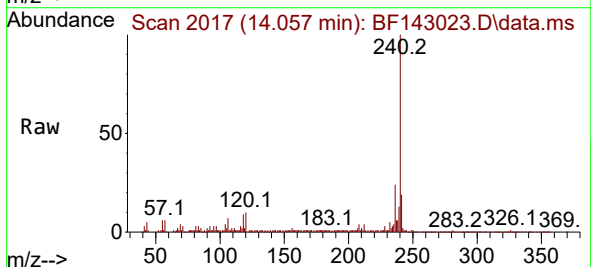
Tgt Ion:240 Resp: 101384

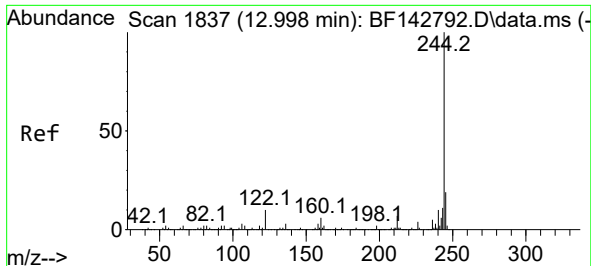
Ion Ratio Lower Upper

240 100

120 10.0 8.2 12.2

236 24.2 19.8 29.8

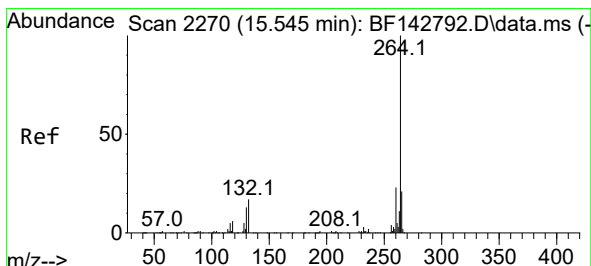
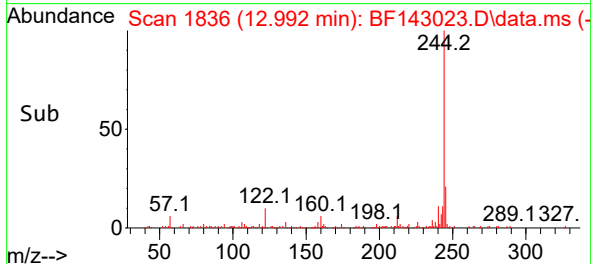
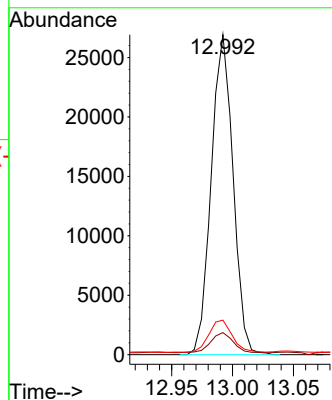
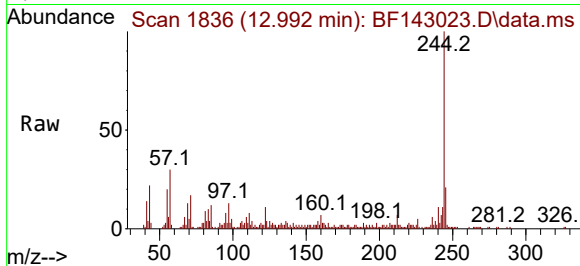




#79
 Terphenyl-d14
 Concen: 4.584 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF143023.D
 Acq: 07 Jul 2025 22:22

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 33639
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.8 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. 0.012 min
 Lab File: BF143023.D
 Acq: 07 Jul 2025 22:22

Tgt Ion:264 Resp: 73874
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.1 27.1
 265 22.7 16.6 25.0

