

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143190.D
 Acq On : 22 Jul 2025 15:52
 Operator : RC/JU
 Sample : PB168954BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168954BL

Quant Time: Jul 22 16:39:17 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	132474	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	517206	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	278568	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	486814	20.000	ng	0.00
76) Chrysene-d12	14.121	240	272386	20.000	ng	0.00
86) Perylene-d12	15.627	264	282193	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	954778	114.053	ng	0.02
7) Phenol-d6	6.587	99	1218388	115.630	ng	0.00
23) Nitrobenzene-d5	7.516	82	805087	77.592	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	368725	128.129	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1492676	73.283	ng	0.00
79) Terphenyl-d14	13.069	244	1417024	77.415	ng	0.00

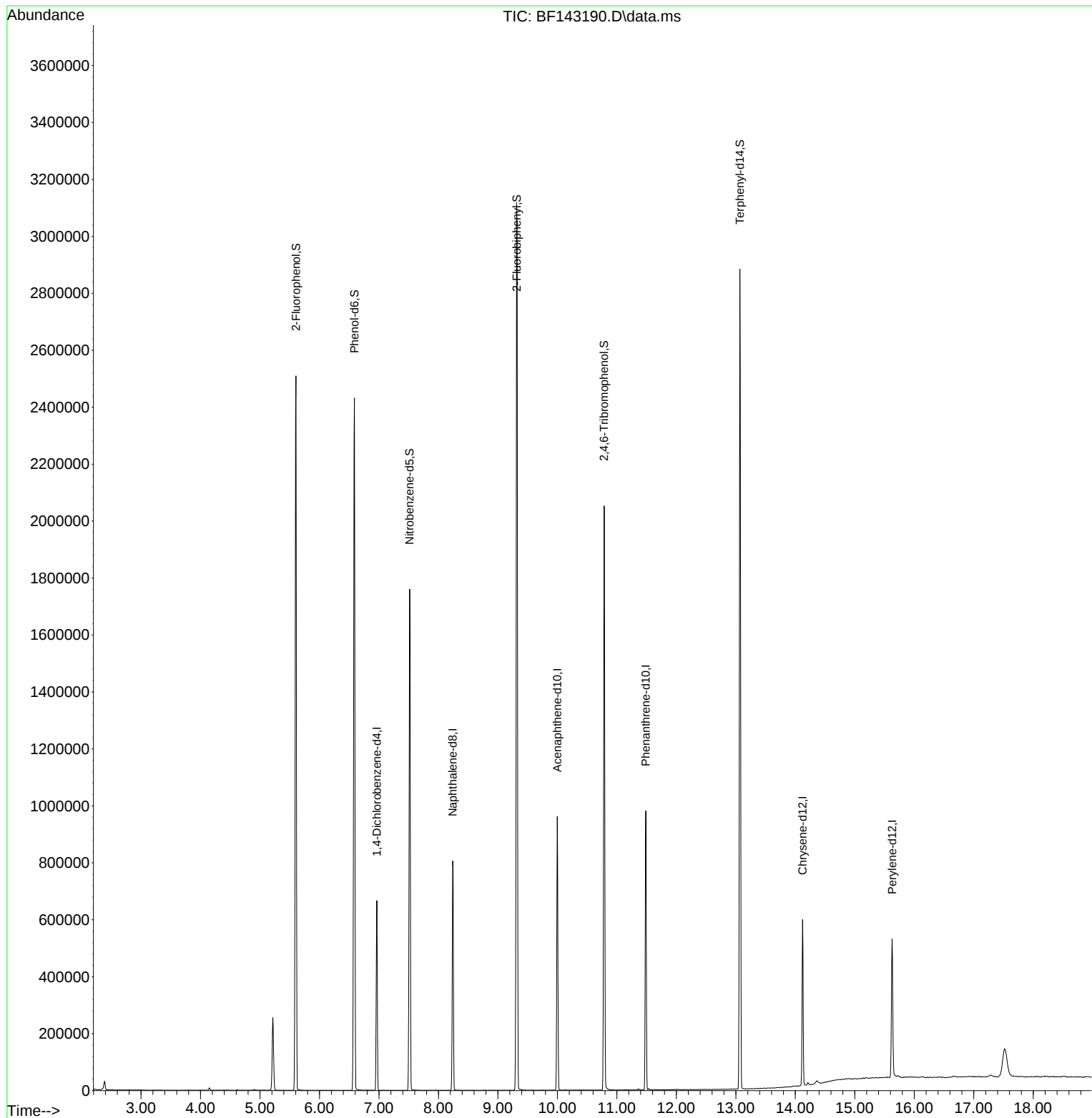
Target Compounds	Qvalue

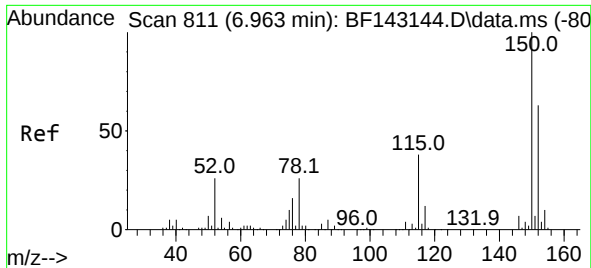
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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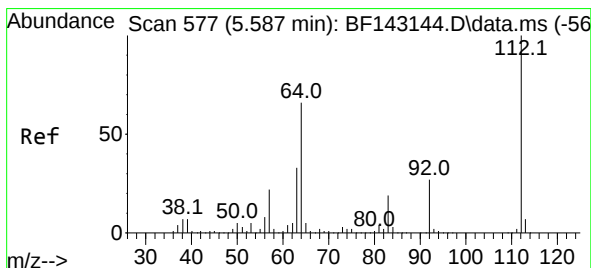
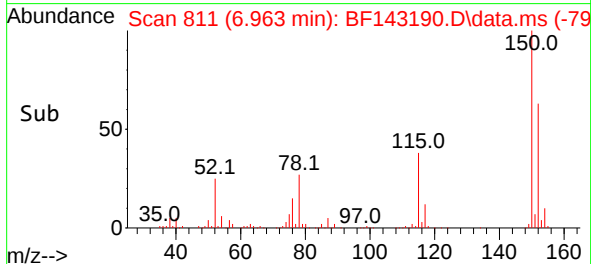
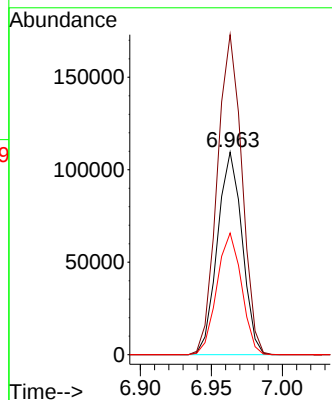
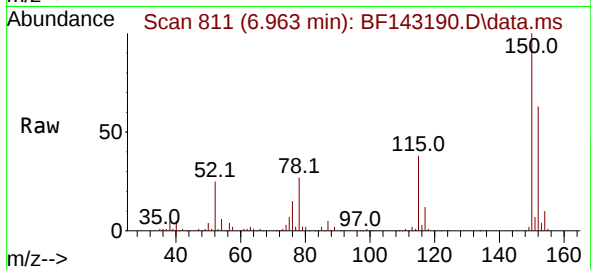




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF143190.D
 Acq: 22 Jul 2025 15:52

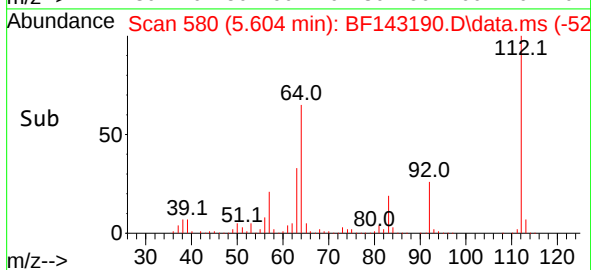
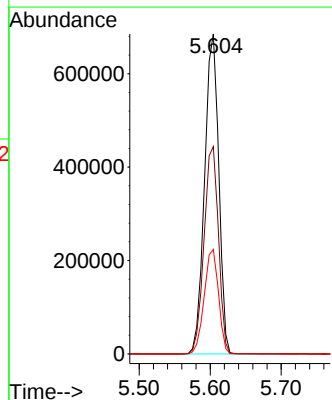
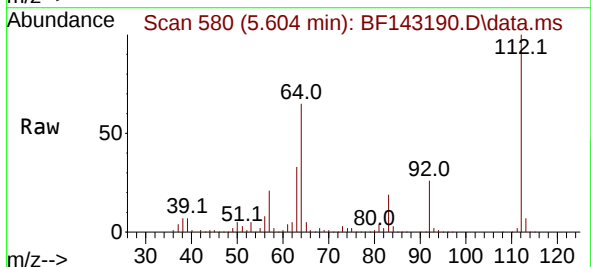
Instrument :
 BNA_F
 ClientSampleId :
 PB168954BL

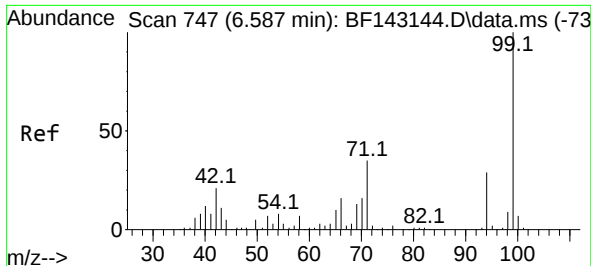
Tgt Ion:152 Resp: 132474
 Ion Ratio Lower Upper
 152 100
 150 158.0 128.2 192.4
 115 60.0 47.9 71.9



#5
 2-Fluorophenol
 Concen: 114.053 ng
 RT: 5.604 min Scan# 580
 Delta R.T. 0.018 min
 Lab File: BF143190.D
 Acq: 22 Jul 2025 15:52

Tgt Ion:112 Resp: 954778
 Ion Ratio Lower Upper
 112 100
 64 64.8 53.1 79.7
 63 32.7 26.6 40.0





#7

Phenol-d6

Concen: 115.630 ng

RT: 6.587 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF143190.D

Acq: 22 Jul 2025 15:52

Instrument :

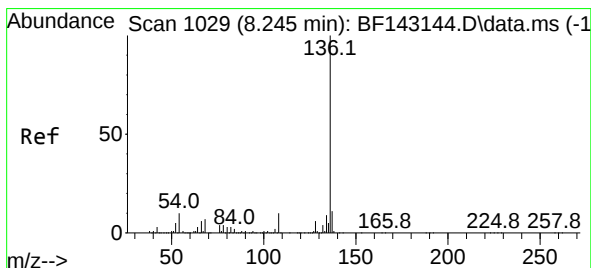
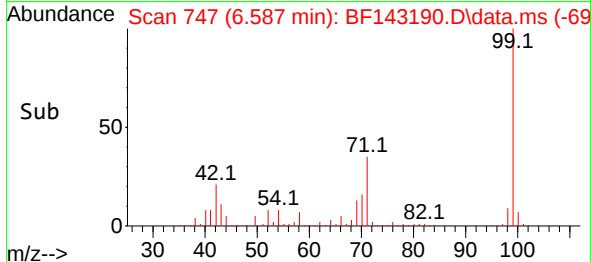
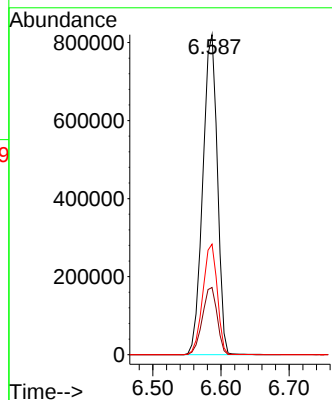
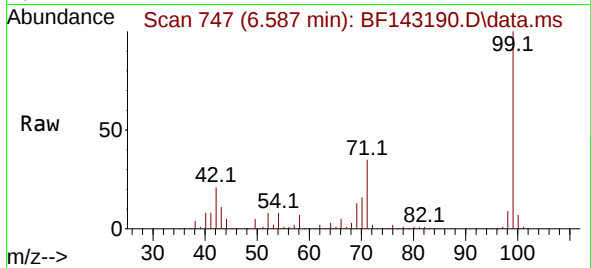
BNA_F

ClientSampleId :

PB168954BL

Tgt Ion: 99 Resp: 1218388

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.0	25.6
71	34.6	27.7	41.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.240 min Scan# 1028

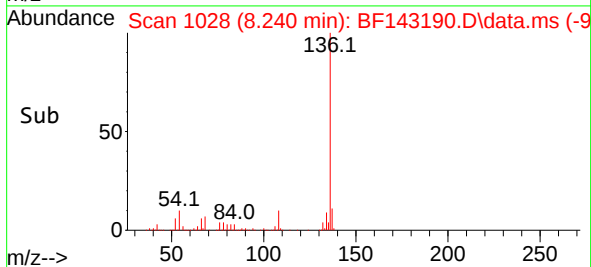
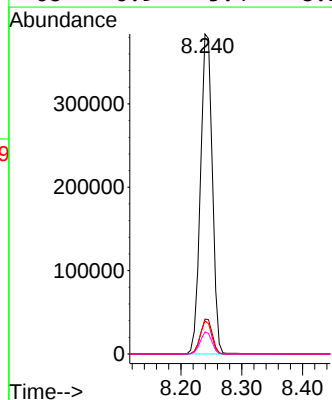
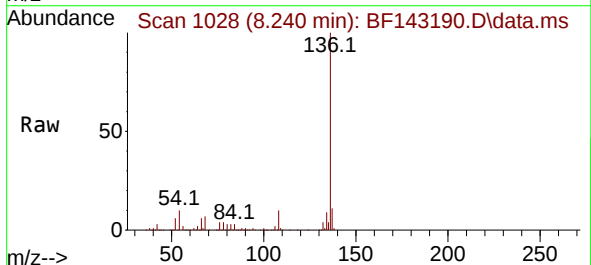
Delta R.T. -0.005 min

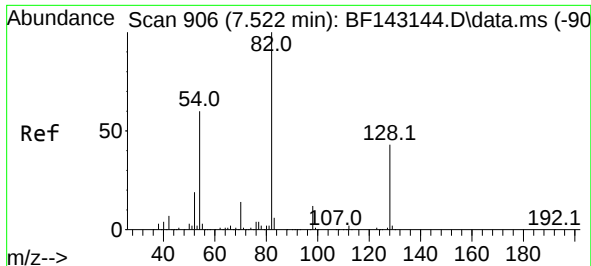
Lab File: BF143190.D

Acq: 22 Jul 2025 15:52

Tgt Ion: 136 Resp: 517206

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.3	8.2	12.2
68	6.9	5.4	8.2





#23

Nitrobenzene-d5

Concen: 77.592 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143190.D

Acq: 22 Jul 2025 15:52

Instrument :

BNA_F

ClientSampleId :

PB168954BL

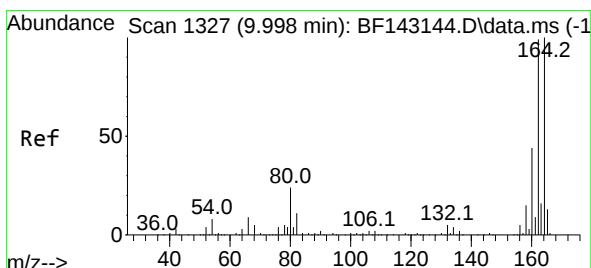
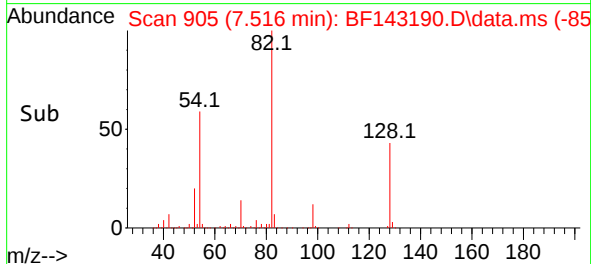
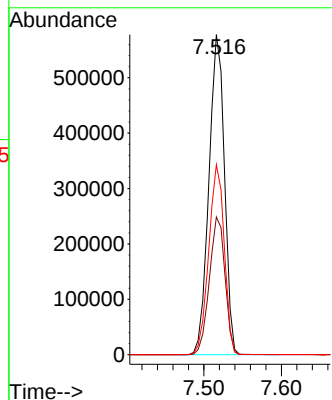
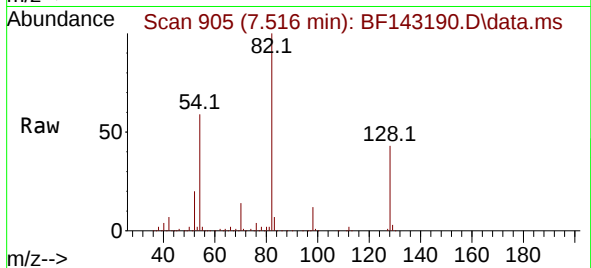
Tgt Ion: 82 Resp: 805087

Ion Ratio Lower Upper

82 100

128 43.1 33.6 50.4

54 59.4 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: BF143190.D

Acq: 22 Jul 2025 15:52

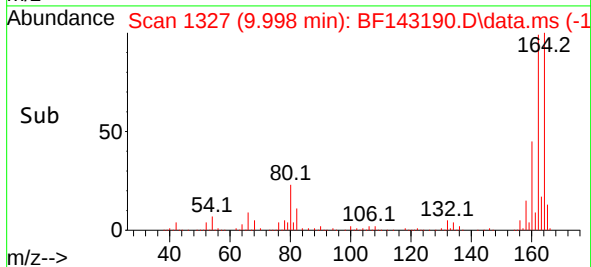
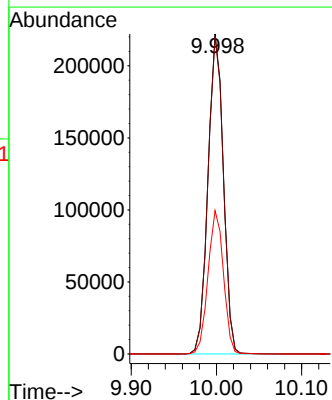
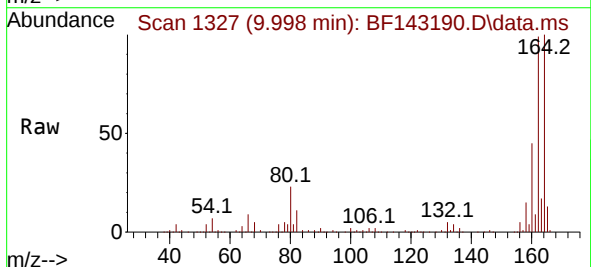
Tgt Ion: 164 Resp: 278568

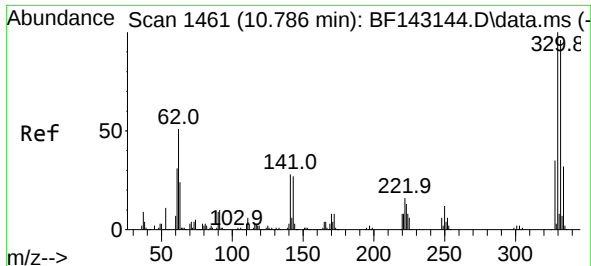
Ion Ratio Lower Upper

164 100

162 99.1 79.0 118.6

160 44.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 128.129 ng

RT: 10.786 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BF143190.D

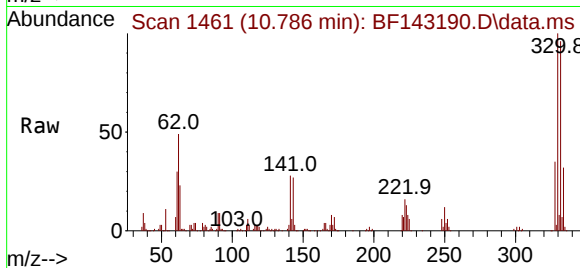
Acq: 22 Jul 2025 15:52

Instrument :

BNA_F

ClientSampleId :

PB168954BL



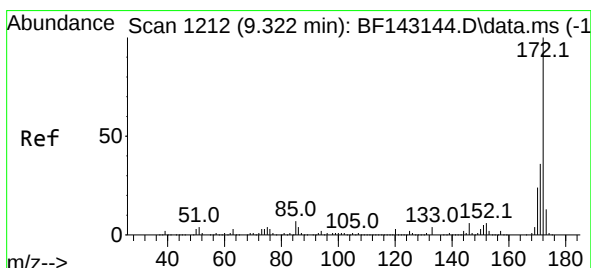
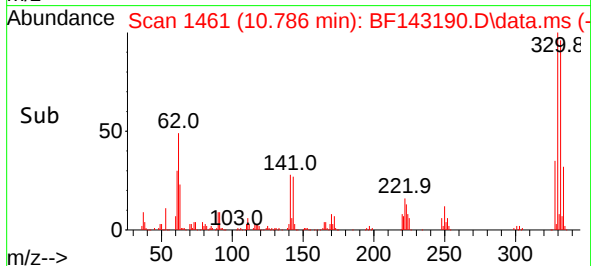
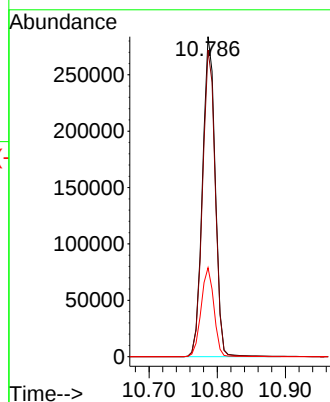
Tgt Ion:330 Resp: 368725

Ion Ratio Lower Upper

330 100

332 95.8 76.7 115.1

141 27.9 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 73.283 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143190.D

Acq: 22 Jul 2025 15:52

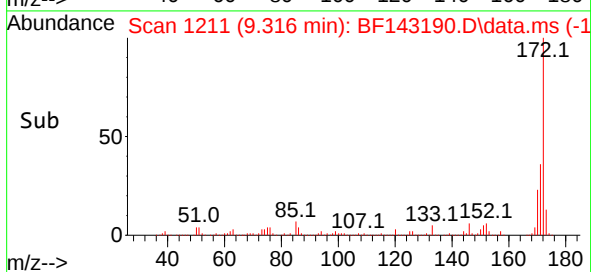
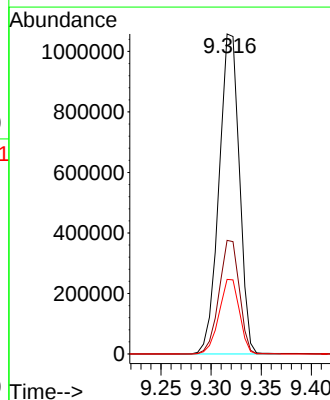
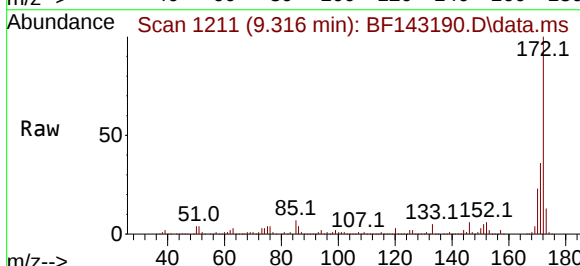
Tgt Ion:172 Resp: 1492676

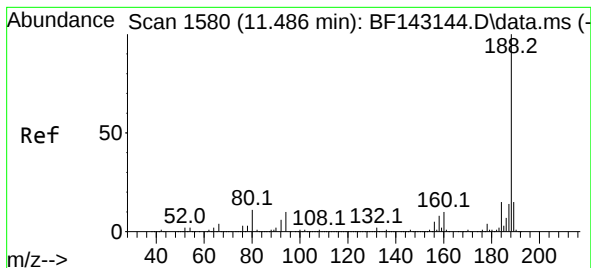
Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.3 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143190.D

Acq: 22 Jul 2025 15:52

Instrument :

BNA_F

ClientSampleId :

PB168954BL

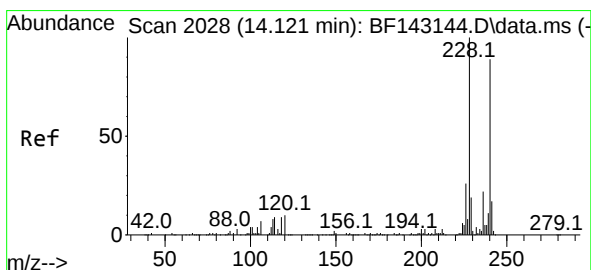
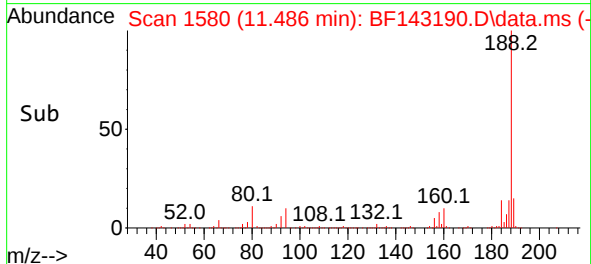
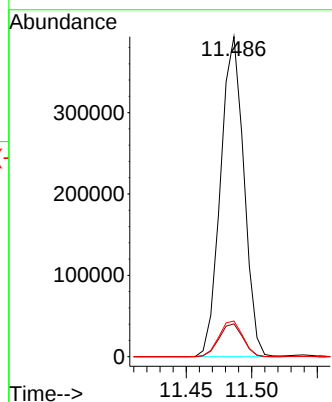
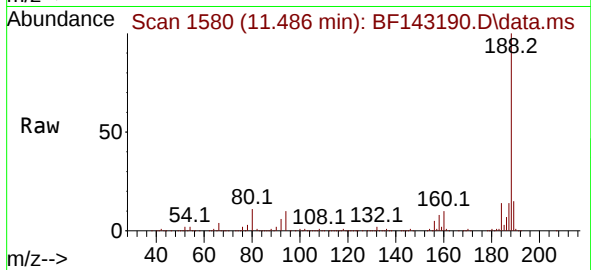
Tgt Ion:188 Resp: 486814

Ion Ratio Lower Upper

188 100

94 10.3 8.3 12.5

80 11.2 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: BF143190.D

Acq: 22 Jul 2025 15:52

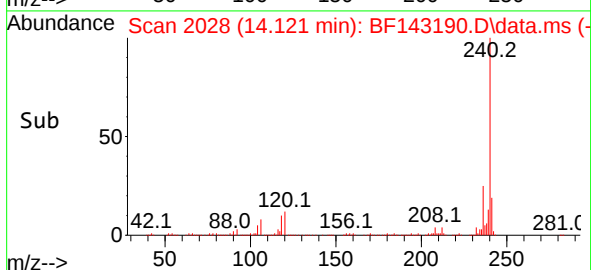
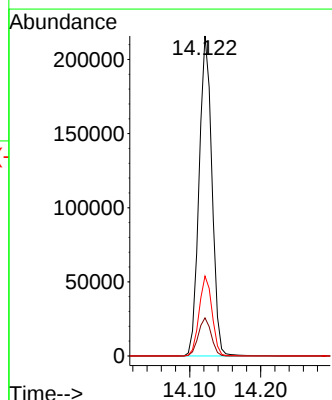
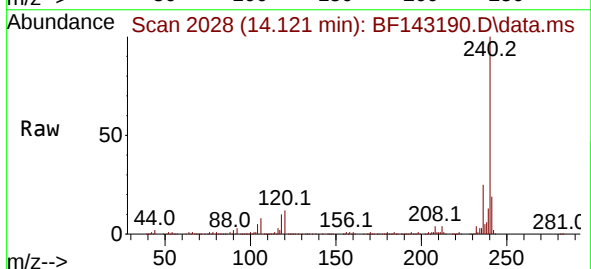
Tgt Ion:240 Resp: 272386

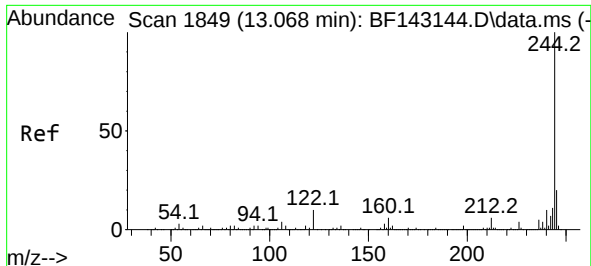
Ion Ratio Lower Upper

240 100

120 11.9 9.4 14.2

236 25.0 20.2 30.4

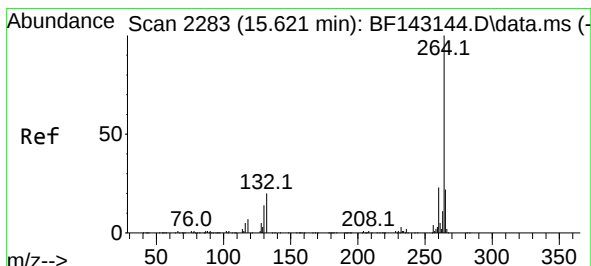
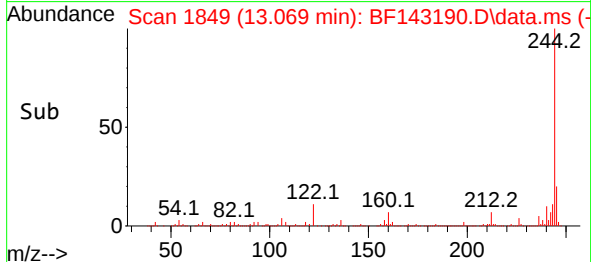
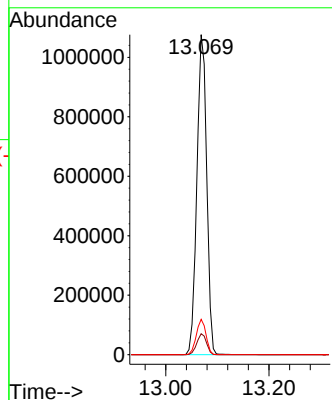
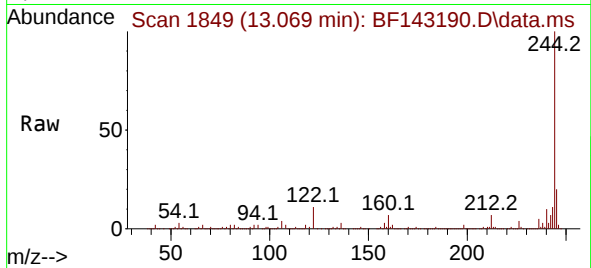




#79
 Terphenyl-d14
 Concen: 77.415 ng
 RT: 13.069 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF143190.D
 Acq: 22 Jul 2025 15:52

Instrument :
 BNA_F
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 PB168954BL

Tgt Ion:244 Resp: 1417024
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 11.1 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: BF143190.D
 Acq: 22 Jul 2025 15:52

Tgt Ion:264 Resp: 282193
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.5 27.7
 265 21.3 17.4 26.2

