

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
 Data File : BF143005.D
 Acq On : 07 Jul 2025 13:16
 Operator : RC/JU
 Sample : Q2493-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-11

Quant Time: Jul 07 13:37:28 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)

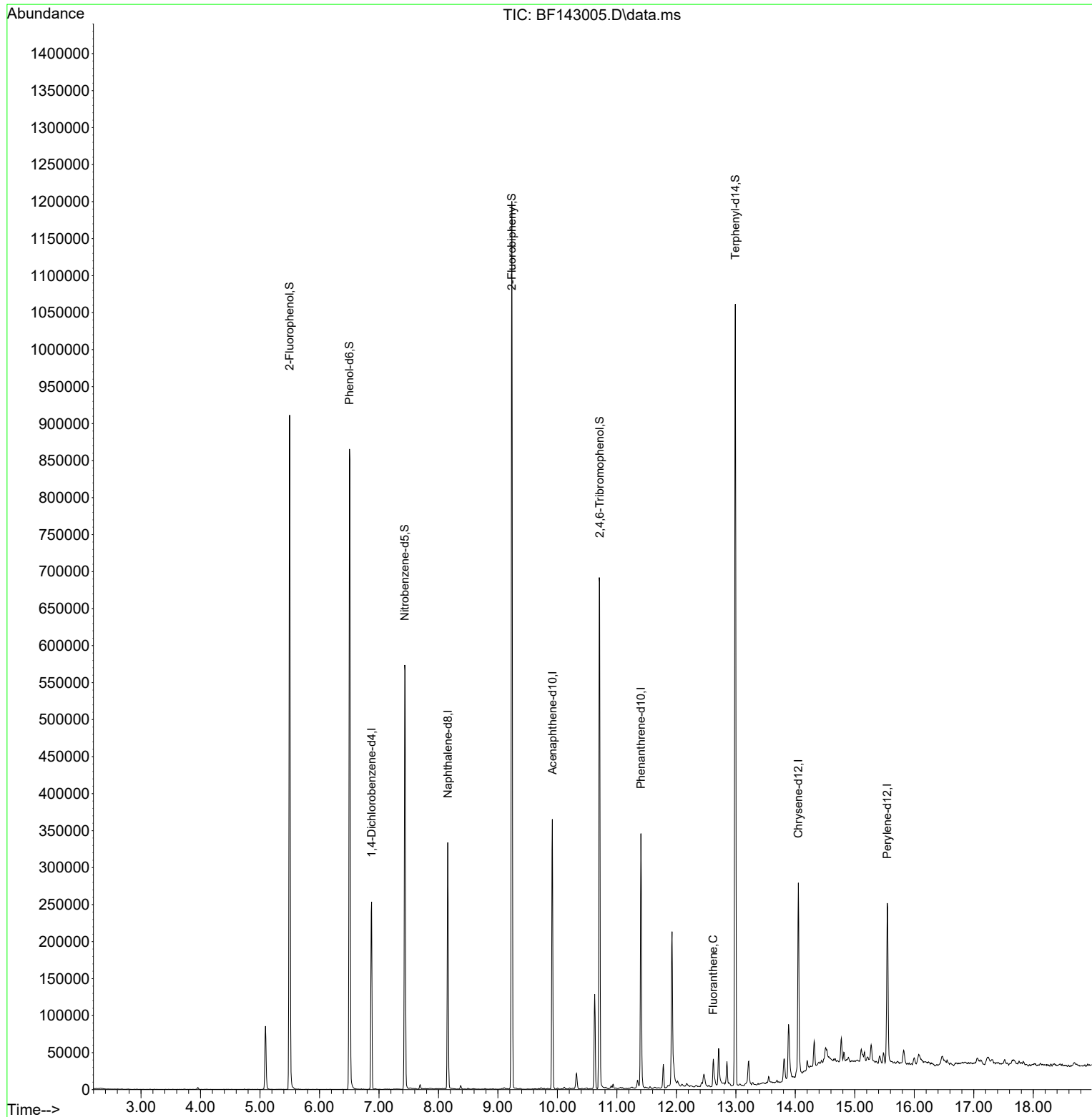
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	56427	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	214066	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	109898	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	177997	20.000	ng	0.00
76) Chrysene-d12	14.051	240	120131	20.000	ng	0.00
86) Perylene-d12	15.545	264	123536	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	349527	103.131	ng	0.00
7) Phenol-d6	6.504	99	421839	105.498	ng	0.00
23) Nitrobenzene-d5	7.434	82	255766	65.536	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	126534	111.885	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	534344	63.873	ng	-0.01
79) Terphenyl-d14	12.992	244	512616	58.959	ng	0.00
Target Compounds						
75) Fluoranthene	12.622	202	19455	2.126	ng	Qvalue 99

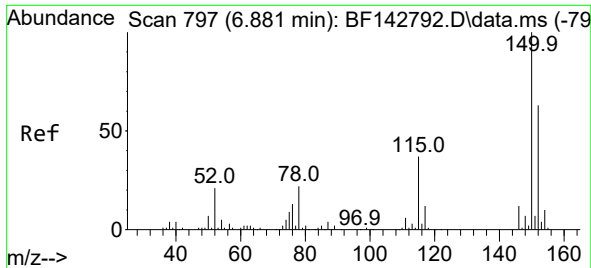
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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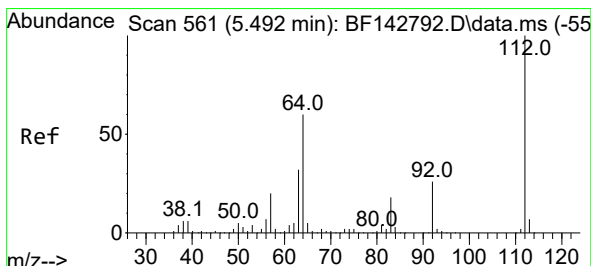
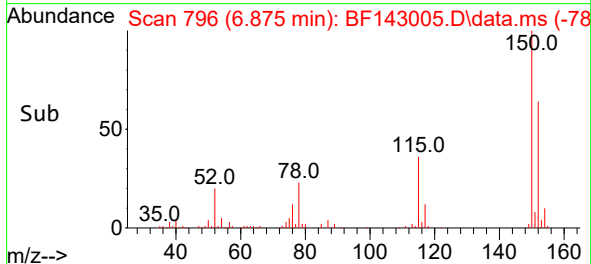
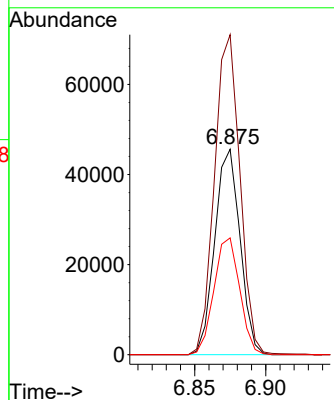
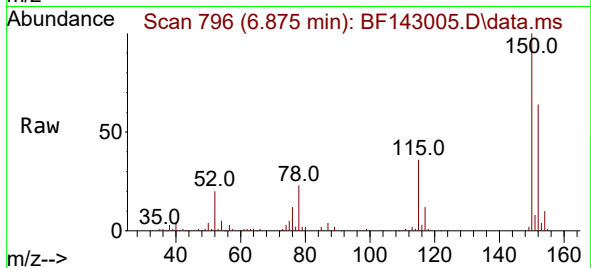




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF143005.D
Acq: 07 Jul 2025 13:16

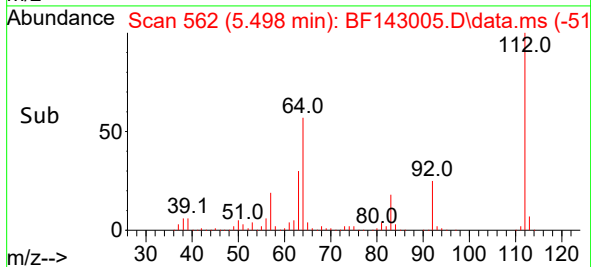
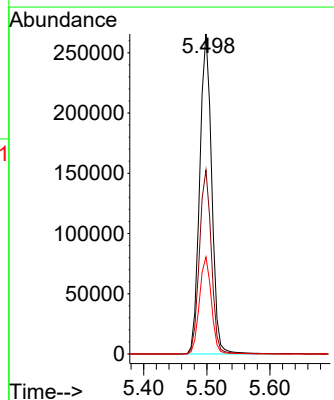
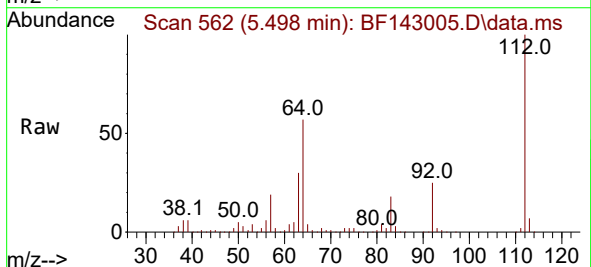
Instrument :
BNA_F
ClientSampleId :
WC-11

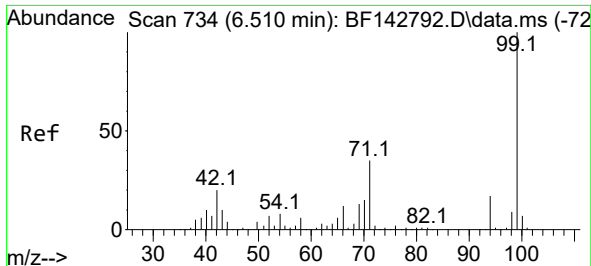
Tgt Ion:152 Resp: 56427
Ion Ratio Lower Upper
152 100
150 155.8 127.2 190.8
115 56.8 46.6 69.8



#5
2-Fluorophenol
Concen: 103.131 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF143005.D
Acq: 07 Jul 2025 13:16

Tgt Ion:112 Resp: 349527
Ion Ratio Lower Upper
112 100
64 57.5 48.2 72.2
63 30.3 25.7 38.5

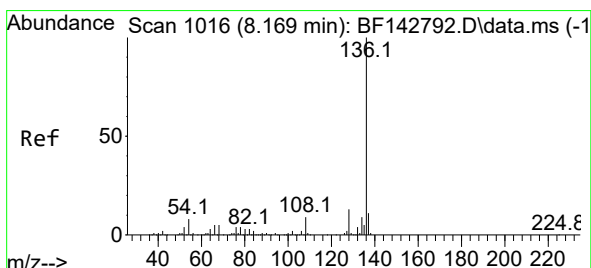
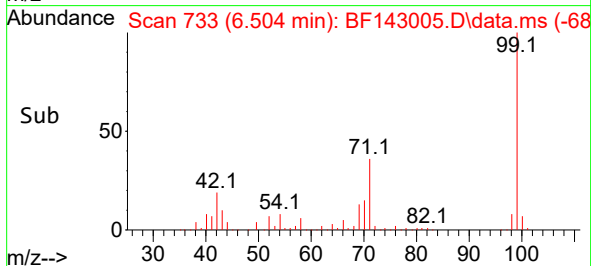
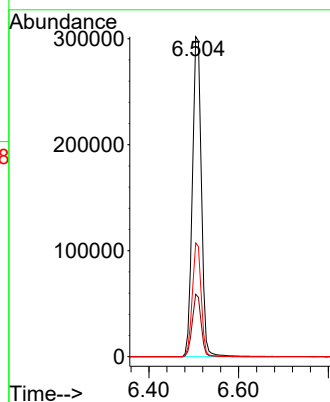
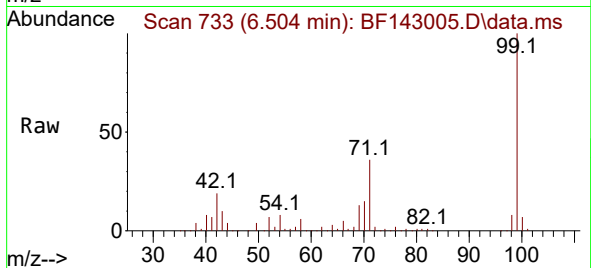




#7
Phenol-d6
Concen: 105.498 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143005.D
Acq: 07 Jul 2025 13:16

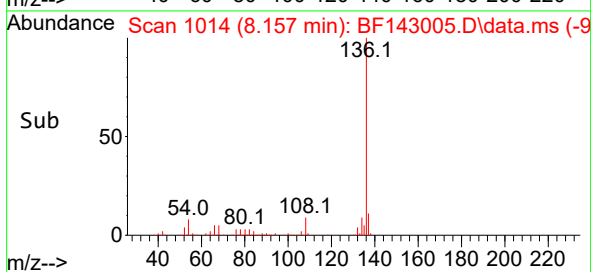
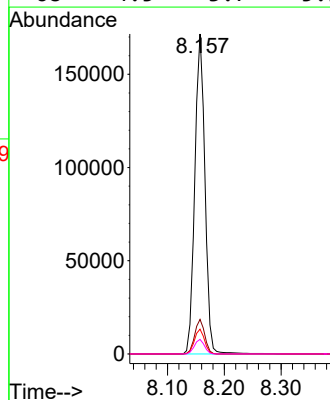
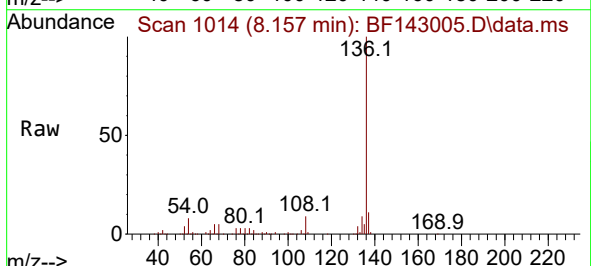
Instrument :
BNA_F
ClientSampleId :
WC-11

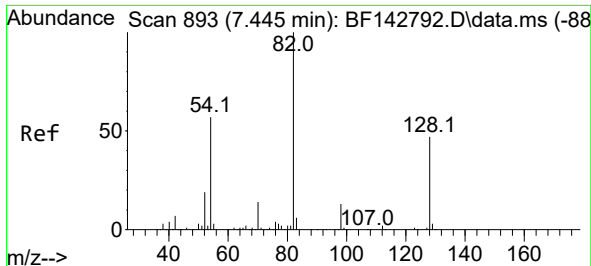
Tgt Ion: 99 Resp: 421839
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 35.6 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143005.D
Acq: 07 Jul 2025 13:16

Tgt Ion: 136 Resp: 214066
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.8 6.3 9.5
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 65.536 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.011 min

Lab File: BF143005.D

Acq: 07 Jul 2025 13:16

Instrument :

BNA_F

ClientSampleId :

WC-11

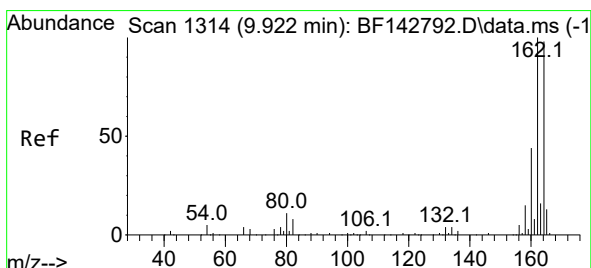
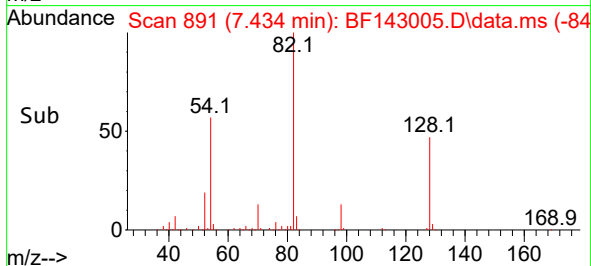
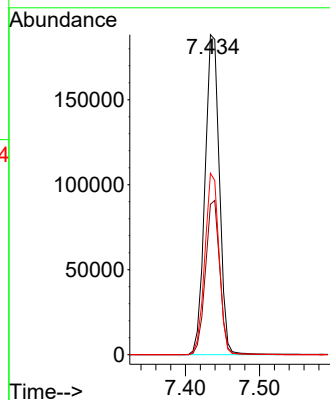
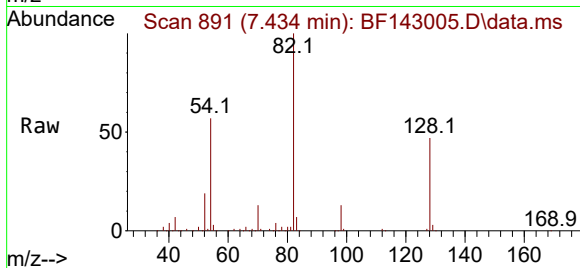
Tgt Ion: 82 Resp: 255766

Ion Ratio Lower Upper

82 100

128 47.0 37.7 56.5

54 56.7 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: BF143005.D

Acq: 07 Jul 2025 13:16

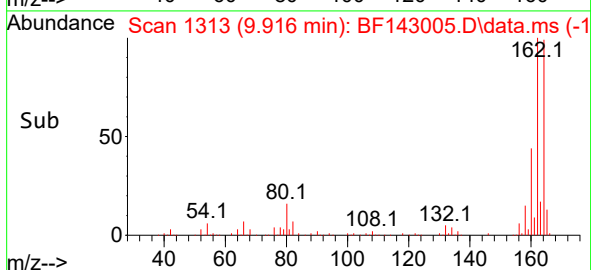
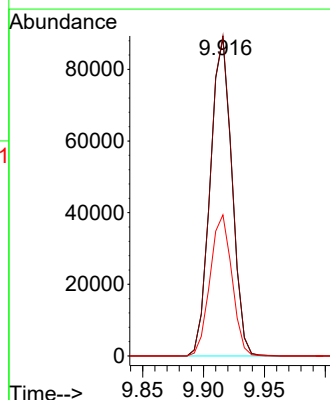
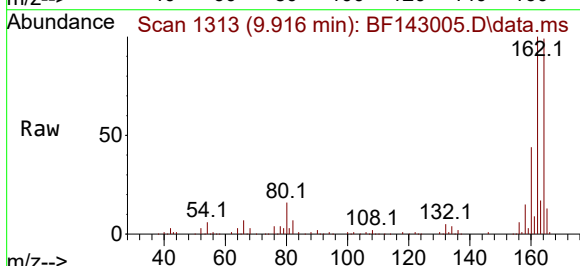
Tgt Ion: 164 Resp: 109898

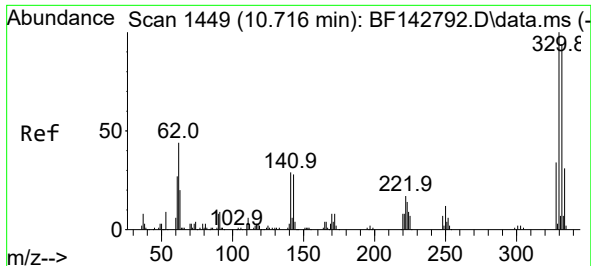
Ion Ratio Lower Upper

164 100

162 100.8 81.8 122.8

160 44.4 36.0 54.0

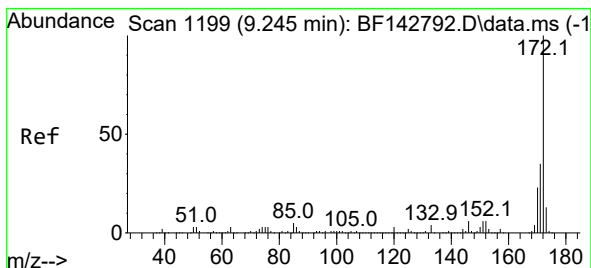
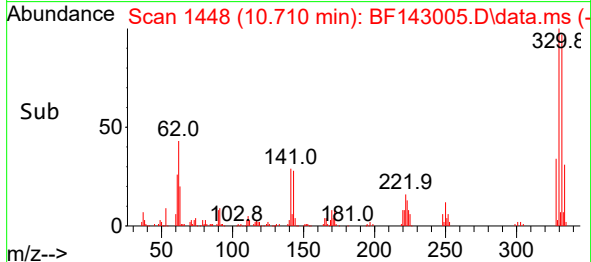
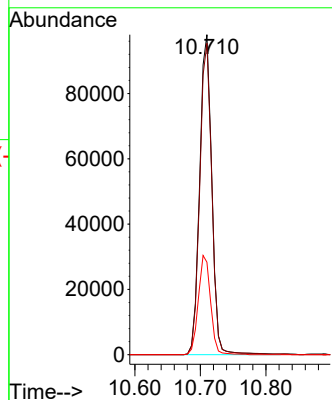
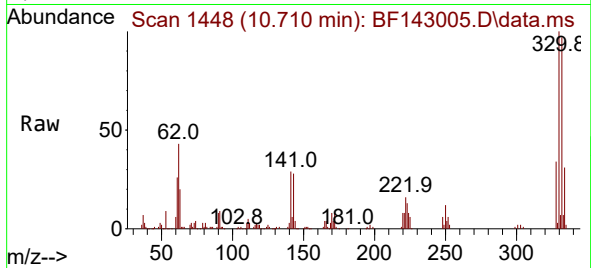




#42
 2,4,6-Tribromophenol
 Concen: 111.885 ng
 RT: 10.710 min Scan# 1449
 Delta R.T. -0.006 min
 Lab File: BF143005.D
 Acq: 07 Jul 2025 13:16

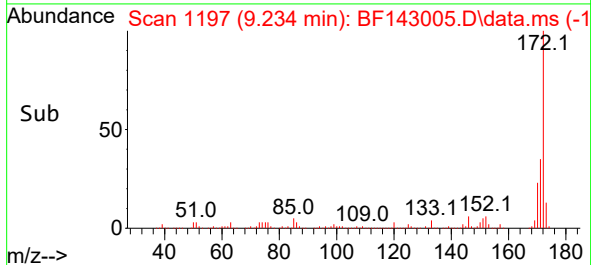
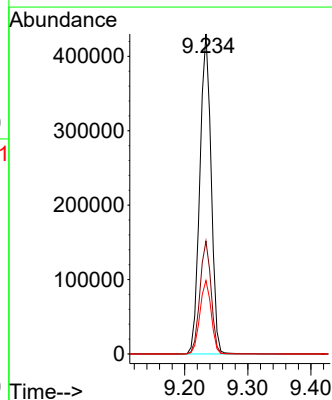
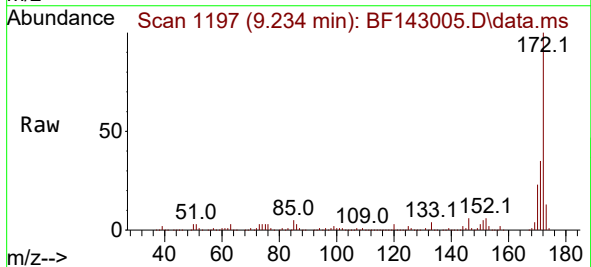
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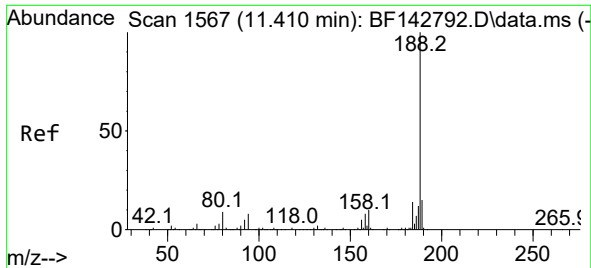
Tgt Ion:330 Resp: 126534
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.0 112.6
 141 31.3 25.3 37.9



#45
 2-Fluorobiphenyl
 Concen: 63.873 ng
 RT: 9.234 min Scan# 1197
 Delta R.T. -0.011 min
 Lab File: BF143005.D
 Acq: 07 Jul 2025 13:16

Tgt Ion:172 Resp: 534344
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.2 42.4
 170 23.0 18.5 27.7

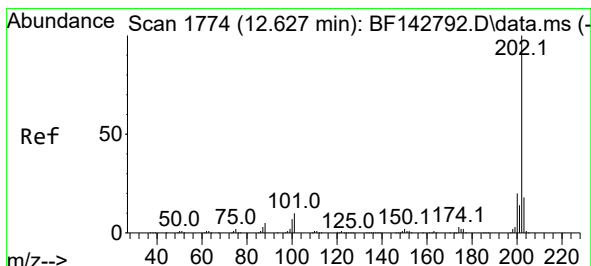
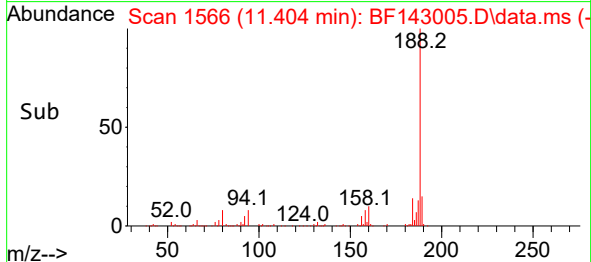
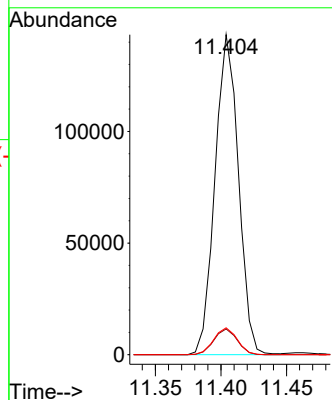
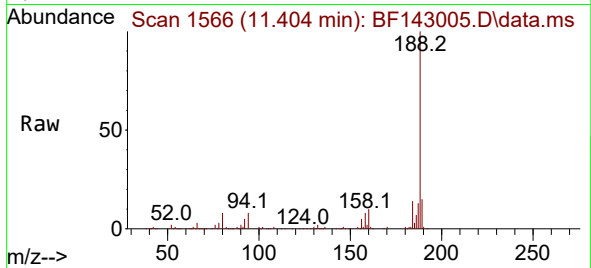




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143005.D
Acq: 07 Jul 2025 13:16

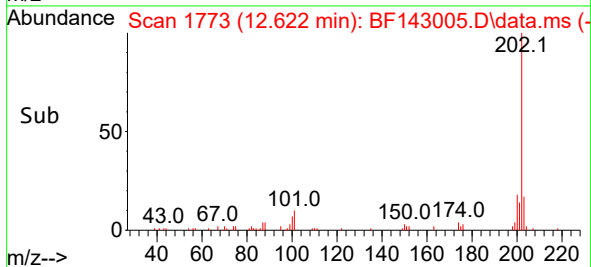
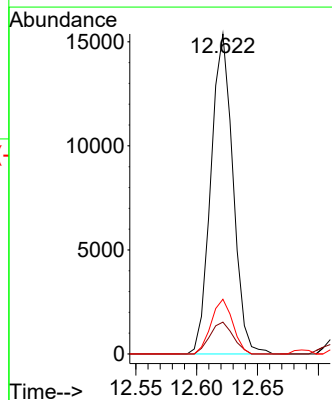
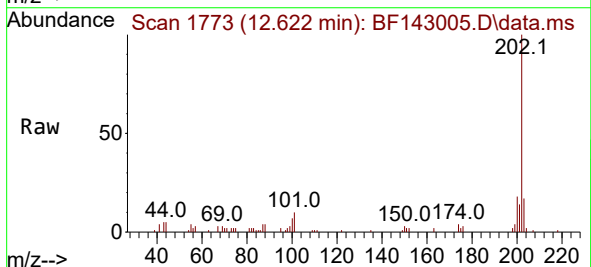
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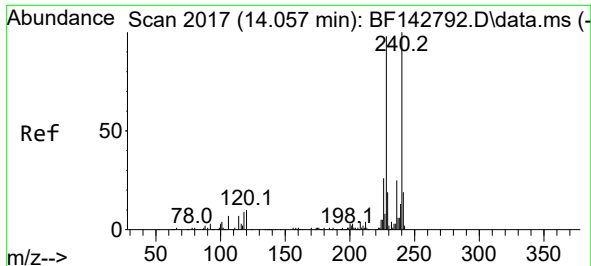
Tgt Ion:188 Resp: 177997
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.4 6.9 10.3



#75
Fluoranthene
Concen: 2.126 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF143005.D
Acq: 07 Jul 2025 13:16

Tgt Ion:202 Resp: 19455
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.7
203 17.1 0.0 37.5

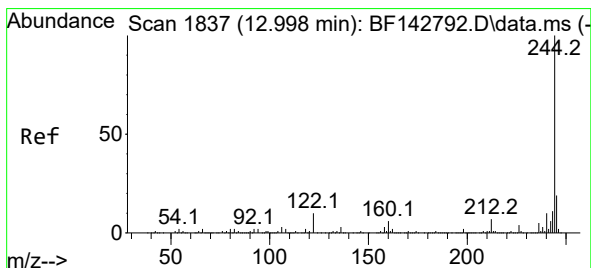
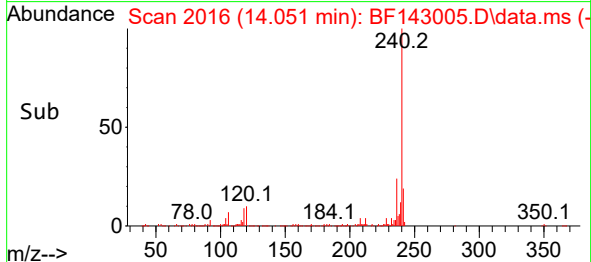
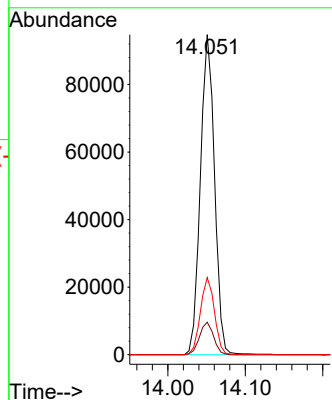
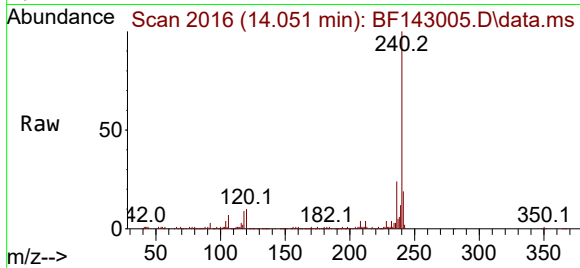




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143005.D
Acq: 07 Jul 2025 13:16

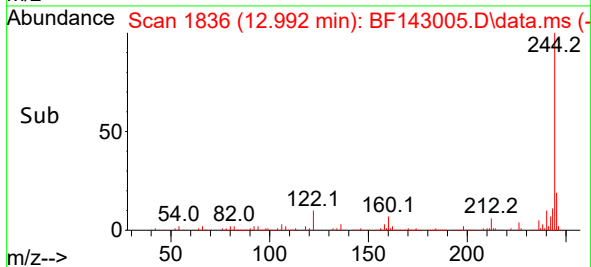
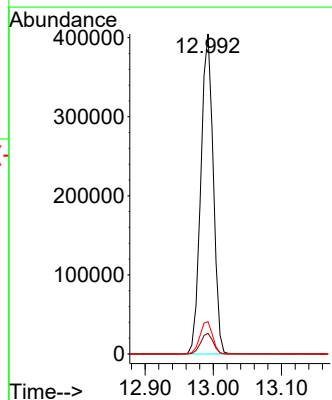
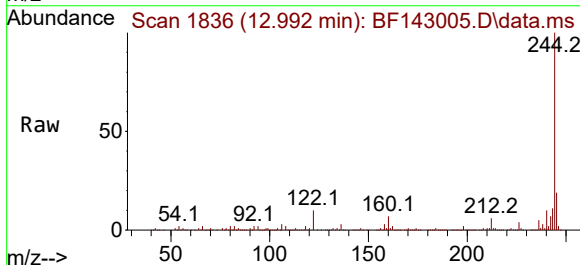
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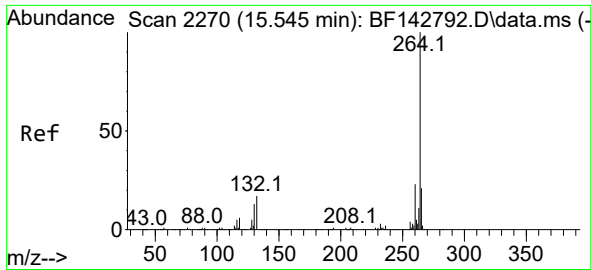
Tgt Ion:240 Resp: 120131
Ion Ratio Lower Upper
240 100
120 10.1 8.2 12.2
236 24.1 19.8 29.8



#79
Terphenyl-d14
Concen: 58.959 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF143005.D
Acq: 07 Jul 2025 13:16

Tgt Ion:244 Resp: 512616
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 10.1 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143005.D

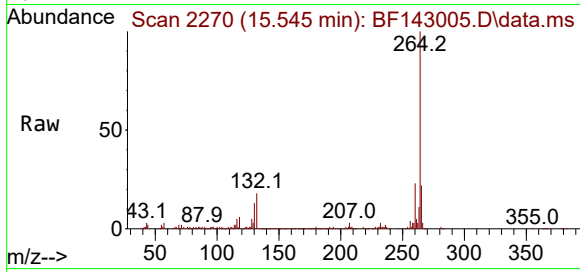
Acq: 07 Jul 2025 13:16

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:264 Resp: 123536

Ion Ratio Lower Upper

264 100

260 23.2 18.1 27.1

265 22.4 16.6 25.0

