

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143194.D
 Acq On : 22 Jul 2025 17:54
 Operator : RC/JU
 Sample : Q2649-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Quant Time: Jul 22 18:23:54 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)

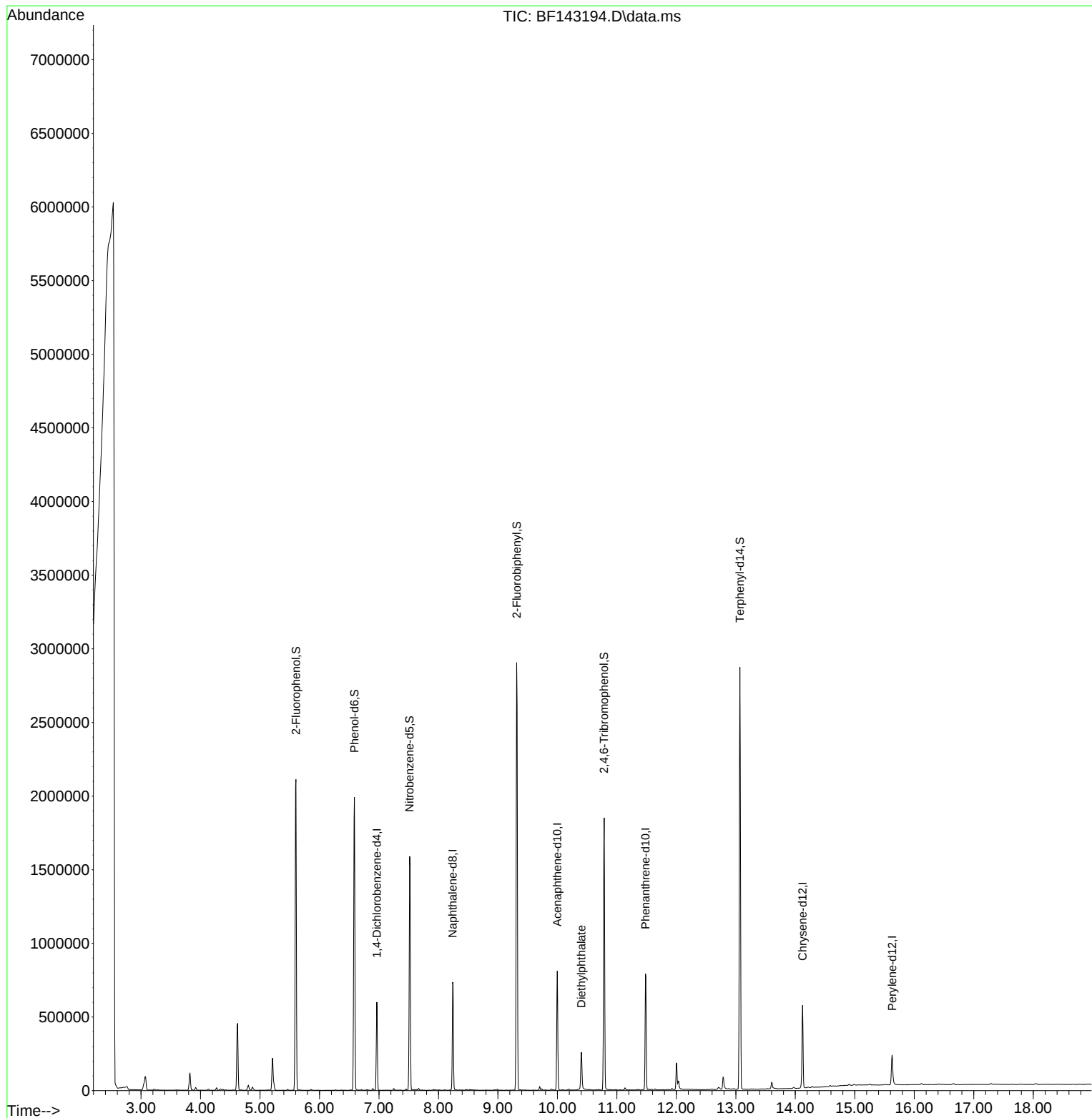
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	119005	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	448713	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	222259	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	405793	20.000	ng	0.00
76) Chrysene-d12	14.121	240	257635	20.000	ng	0.00
86) Perylene-d12	15.627	264	84237	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	796382	105.899	ng	0.02
7) Phenol-d6	6.587	99	930298	98.282	ng	0.00
23) Nitrobenzene-d5	7.516	82	699095	77.662	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	331457	144.359	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1286670	79.172	ng	0.00
79) Terphenyl-d14	13.068	244	1374783	79.408	ng	0.00
Target Compounds						
60) Diethylphthalate	10.404	149	176528	12.328	ng	Qvalue 100

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

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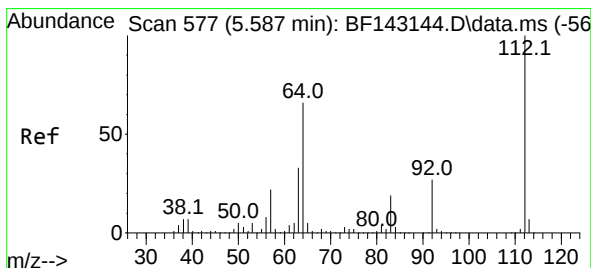
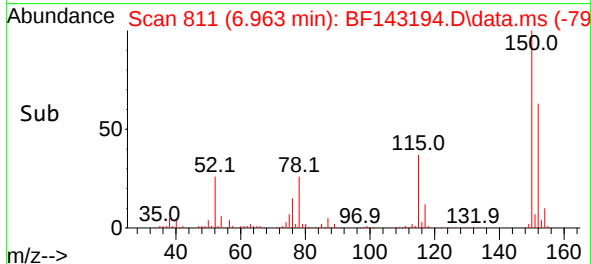
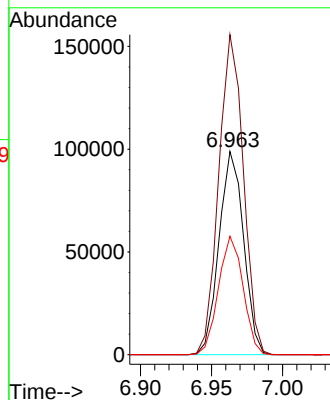
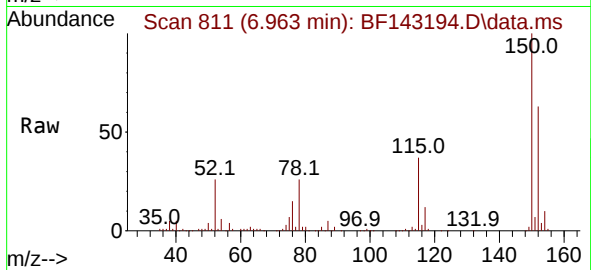




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143194.D
Acq: 22 Jul 2025 17:54

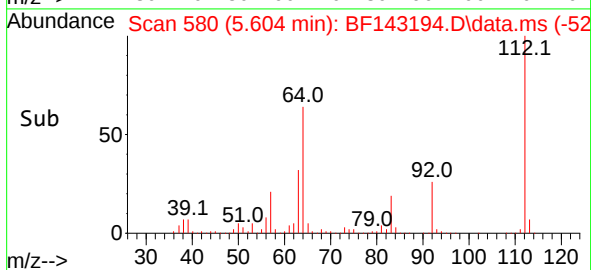
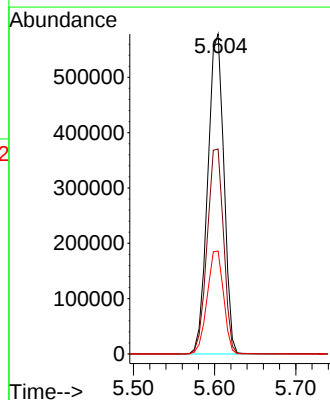
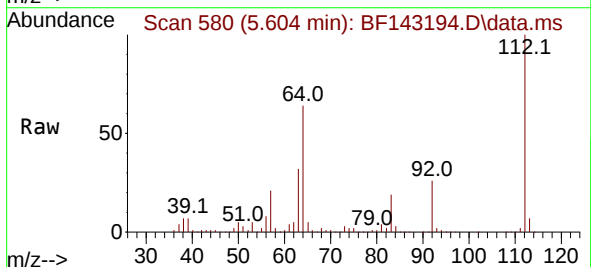
Instrument :
BNA_F
ClientSampleId :
WC-3

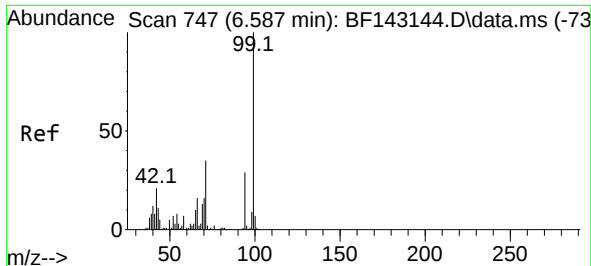
Tgt Ion:152 Resp: 119005
Ion Ratio Lower Upper
152 100
150 157.5 128.2 192.4
115 58.3 47.9 71.9



#5
2-Fluorophenol
Concen: 105.899 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143194.D
Acq: 22 Jul 2025 17:54

Tgt Ion:112 Resp: 796382
Ion Ratio Lower Upper
112 100
64 64.1 53.1 79.7
63 32.2 26.6 40.0

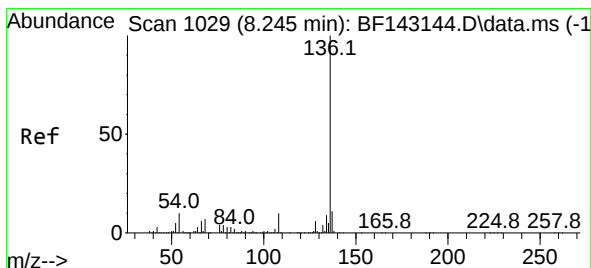
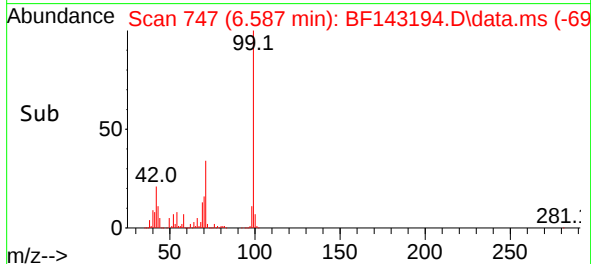
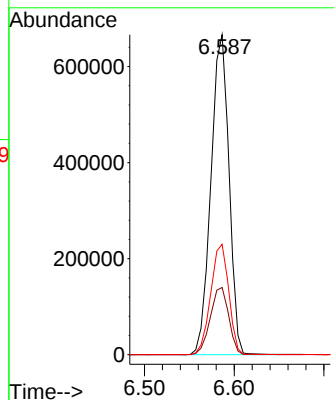
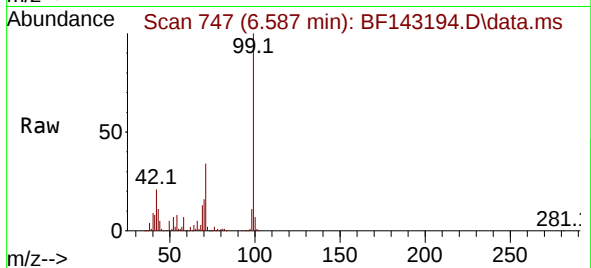




#7
Phenol-d6
Concen: 98.282 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF143194.D
Acq: 22 Jul 2025 17:54

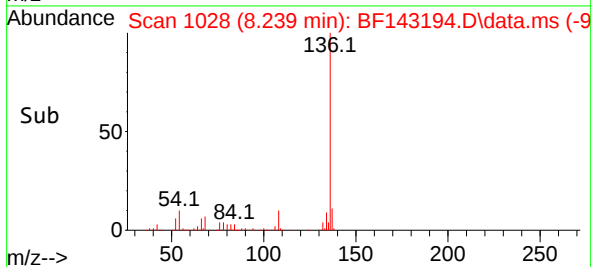
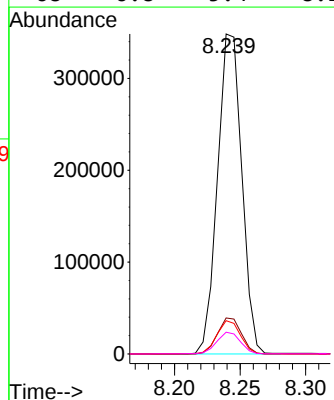
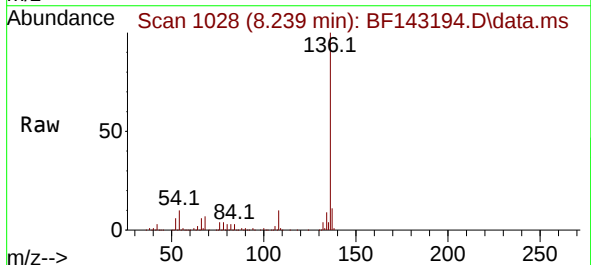
Instrument :
BNA_F
ClientSampleId :
WC-3

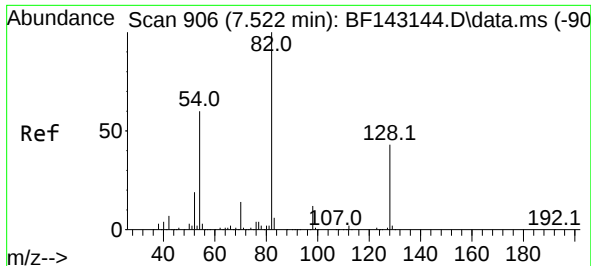
Tgt Ion: 99 Resp: 930298
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 34.5 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143194.D
Acq: 22 Jul 2025 17:54

Tgt Ion: 136 Resp: 448713
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 10.4 8.2 12.2
68 6.8 5.4 8.2





#23

Nitrobenzene-d5

Concen: 77.662 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143194.D

Acq: 22 Jul 2025 17:54

Instrument :

BNA_F

ClientSampleId :

WC-3

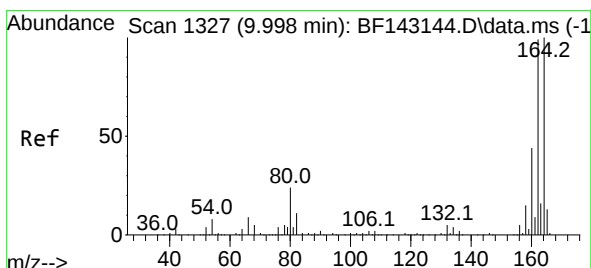
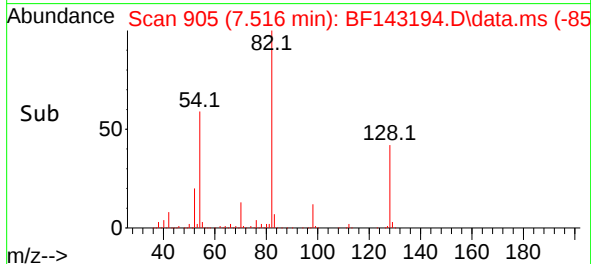
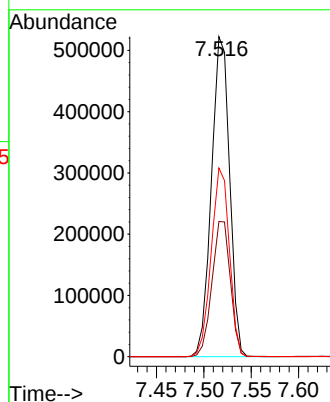
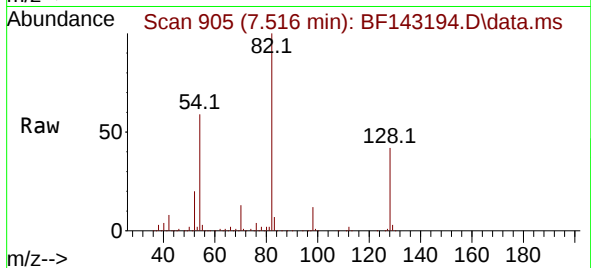
Tgt Ion: 82 Resp: 699095

Ion Ratio Lower Upper

82 100

128 42.3 33.6 50.4

54 59.0 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: BF143194.D

Acq: 22 Jul 2025 17:54

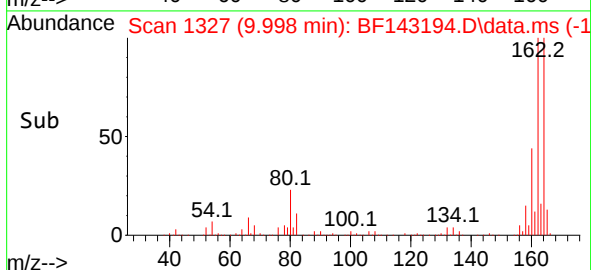
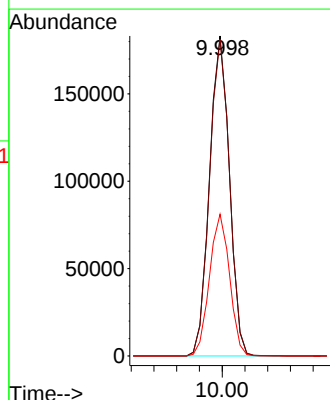
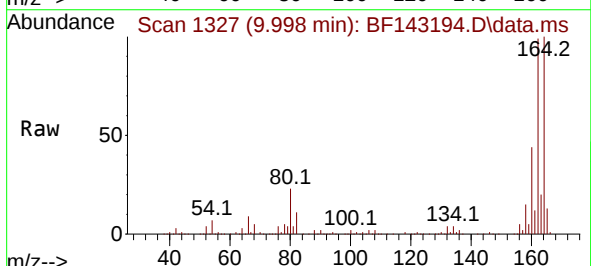
Tgt Ion: 164 Resp: 222259

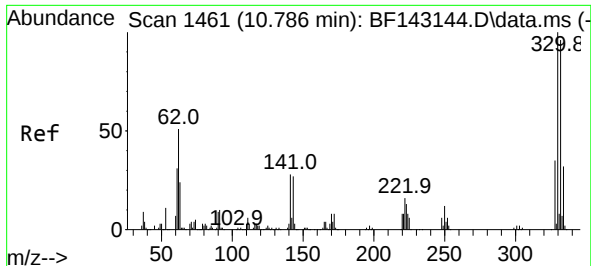
Ion Ratio Lower Upper

164 100

162 99.1 79.0 118.6

160 44.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 144.359 ng

RT: 10.786 min Scan# 1461

Delta R.T. -0.000 min

Lab File: BF143194.D

Acq: 22 Jul 2025 17:54

Instrument :

BNA_F

ClientSampleId :

WC-3

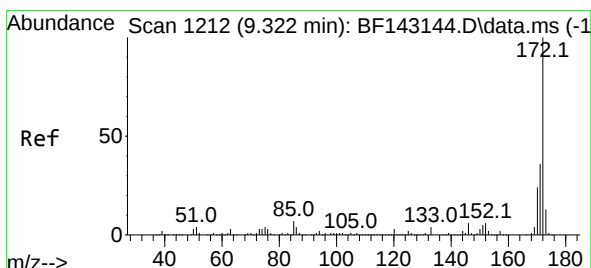
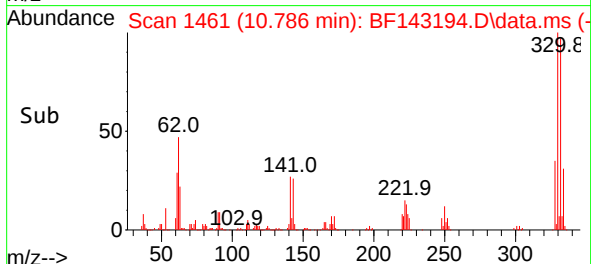
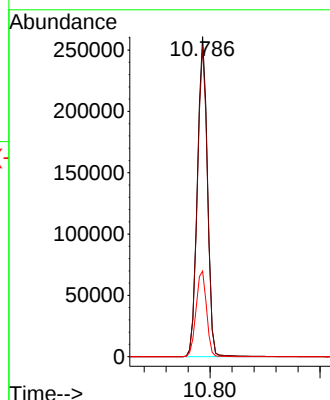
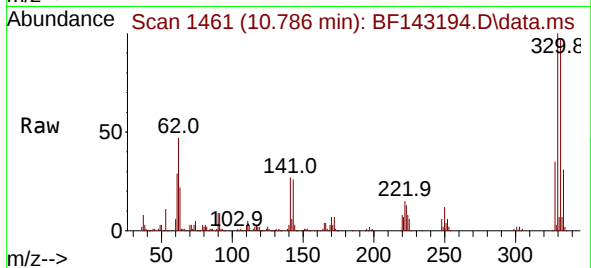
Tgt Ion:330 Resp: 331457

Ion Ratio Lower Upper

330 100

332 97.0 76.7 115.1

141 27.8 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 79.172 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143194.D

Acq: 22 Jul 2025 17:54

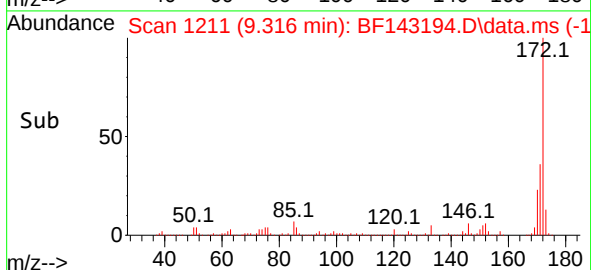
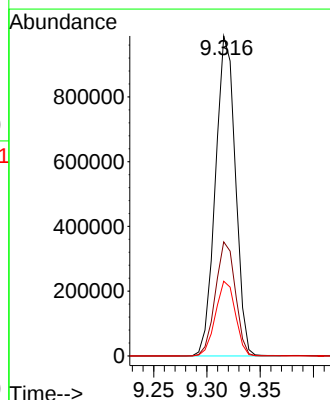
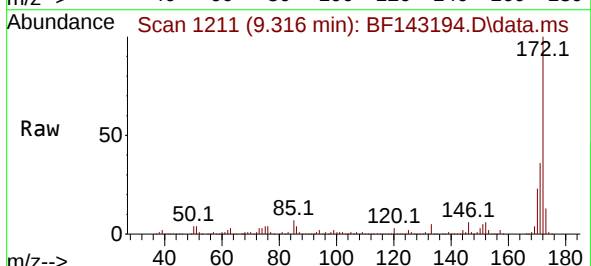
Tgt Ion:172 Resp: 1286670

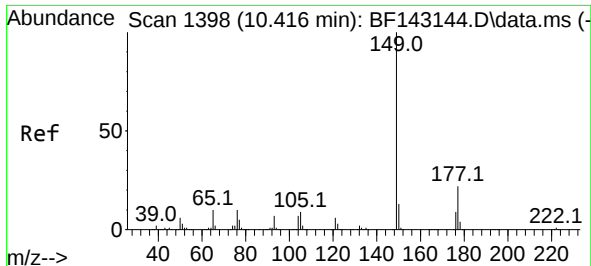
Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 23.4 18.8 28.2

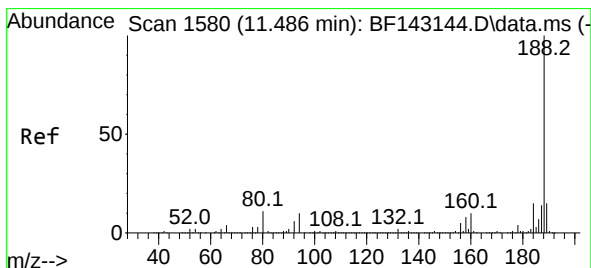
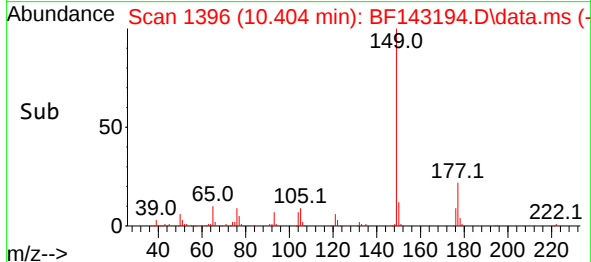
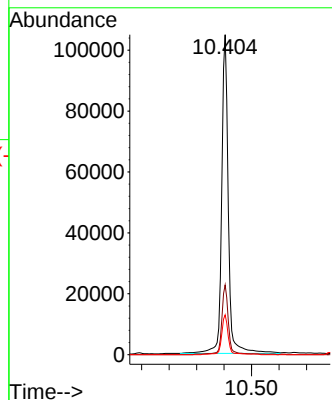
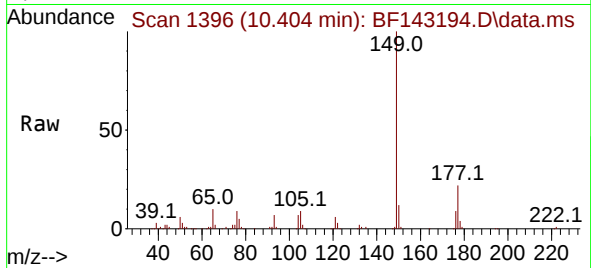




#60
Diethylphthalate
Concen: 12.328 ng
RT: 10.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143194.D
Acq: 22 Jul 2025 17:54

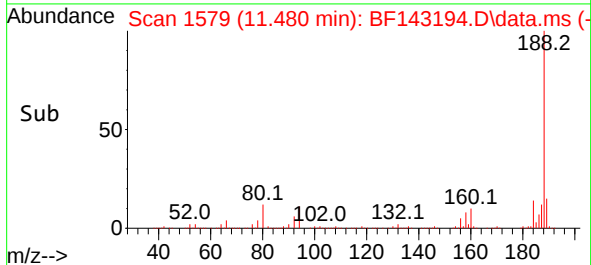
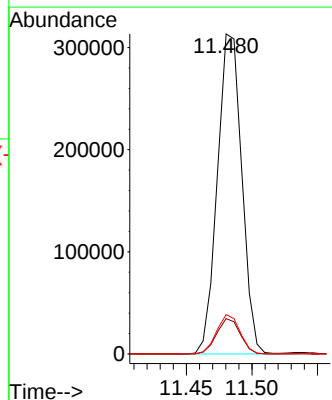
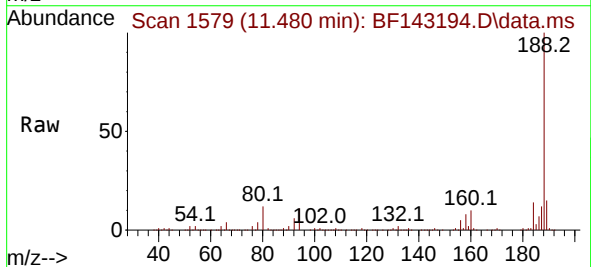
Instrument :
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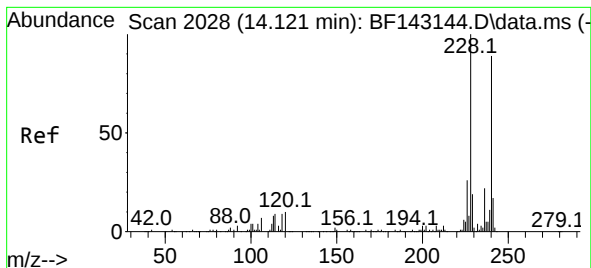
Tgt Ion:149 Resp: 176528
Ion Ratio Lower Upper
149 100
177 21.8 17.5 26.3
150 12.4 10.2 15.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143194.D
Acq: 22 Jul 2025 17:54

Tgt Ion:188 Resp: 405793
Ion Ratio Lower Upper
188 100
94 11.1 8.3 12.5
80 12.3 9.0 13.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF143194.D

Acq: 22 Jul 2025 17:54

Instrument :

BNA_F

ClientSampleId :

WC-3

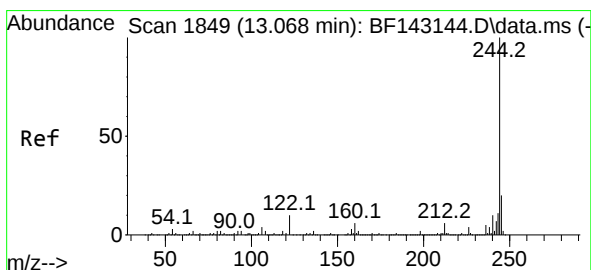
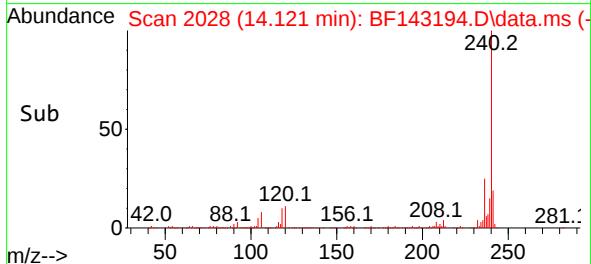
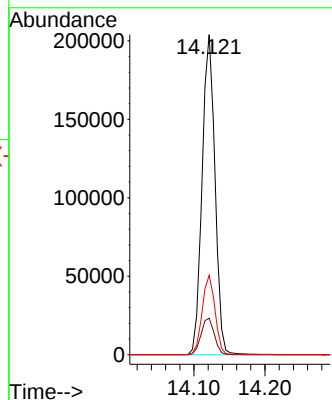
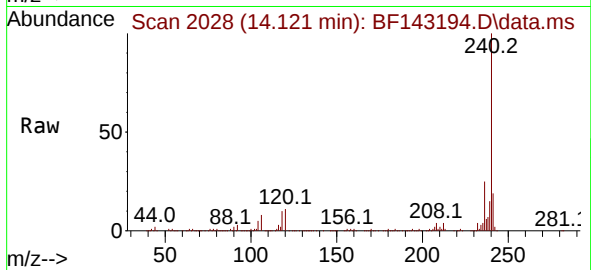
Tgt Ion:240 Resp: 257635

Ion Ratio Lower Upper

240 100

120 11.4 9.4 14.2

236 24.8 20.2 30.4



#79

Terphenyl-d14

Concen: 79.408 ng

RT: 13.068 min Scan# 1849

Delta R.T. -0.000 min

Lab File: BF143194.D

Acq: 22 Jul 2025 17:54

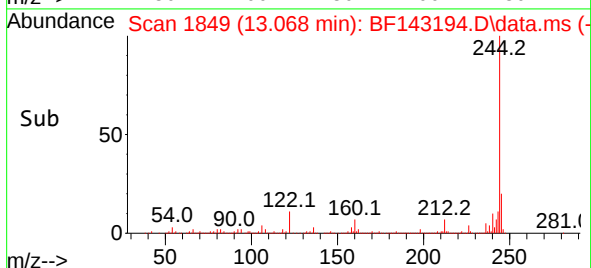
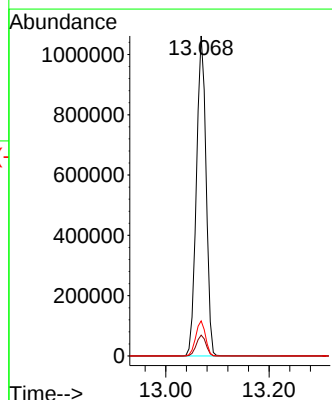
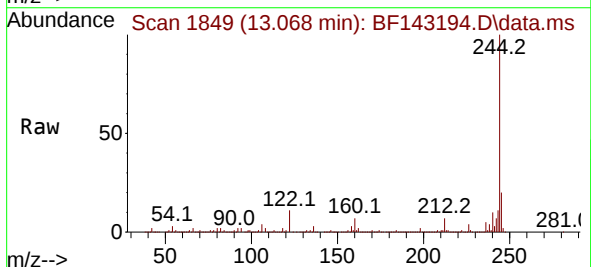
Tgt Ion:244 Resp: 1374783

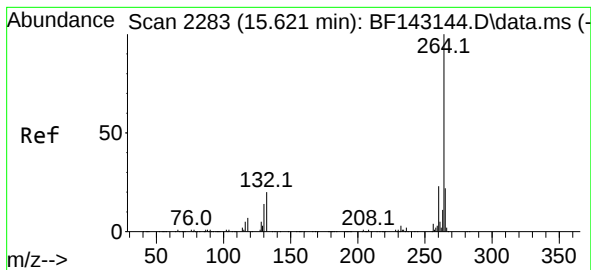
Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

122 11.0 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143194.D

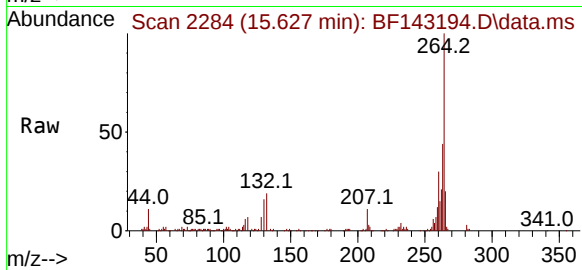
Acq: 22 Jul 2025 17:54

Instrument :

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ClientSampleId :

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Tgt Ion:264 Resp: 84237

Ion Ratio Lower Upper

264 100

260 30.0 18.5 27.7#

265 20.4 17.4 26.2

