

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143197.D
 Acq On : 22 Jul 2025 19:22
 Operator : RC/JU
 Sample : Q2649-24
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

Quant Time: Jul 23 04:51:34 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)

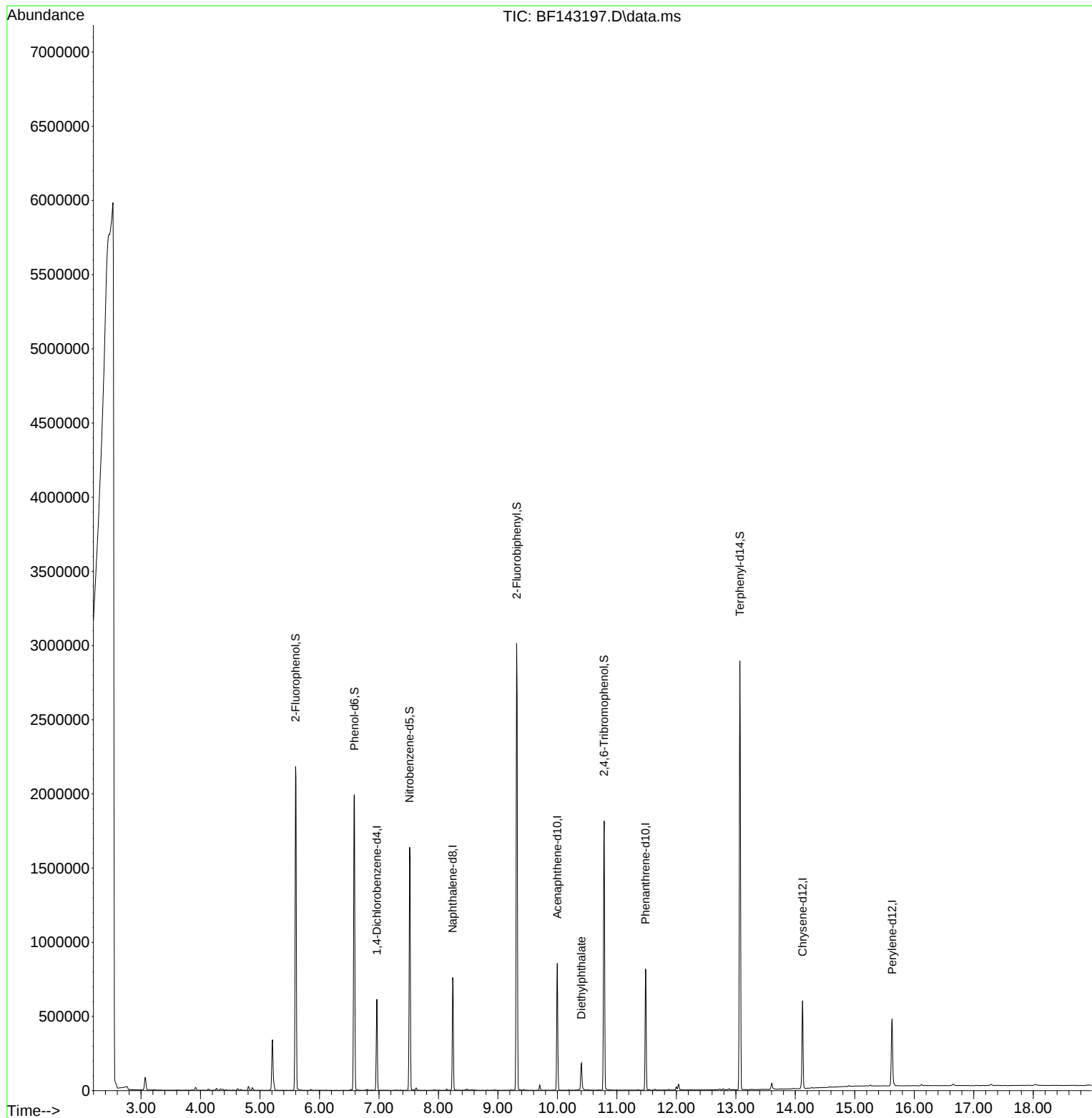
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	122283	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	465875	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	242631	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	421371	20.000	ng	0.00
76) Chrysene-d12	14.121	240	277200	20.000	ng	0.00
86) Perylene-d12	15.627	264	268820	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	822088	106.386	ng	0.01
7) Phenol-d6	6.587	99	964854	99.200	ng	0.00
23) Nitrobenzene-d5	7.516	82	717713	76.793	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	331329	132.187	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1335703	75.289	ng	0.00
79) Terphenyl-d14	13.068	244	1409452	75.664	ng	0.00
Target Compounds						
60) Diethylphthalate	10.404	149	122927	7.864	ng	Qvalue 99

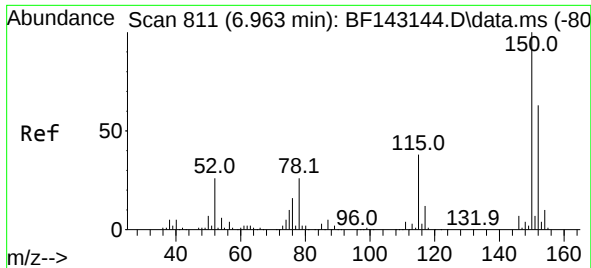
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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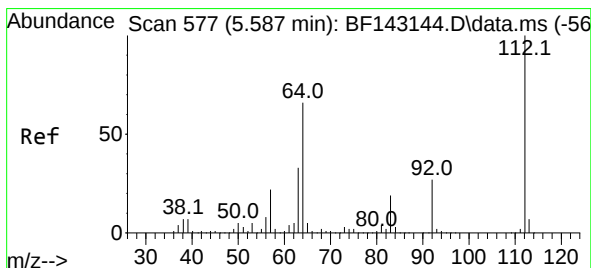
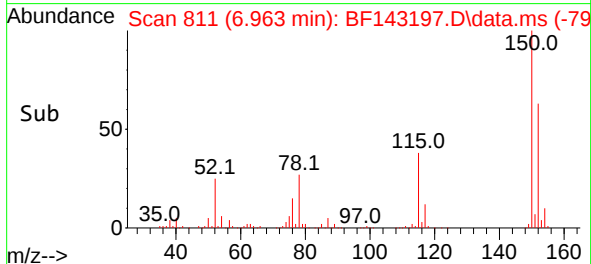
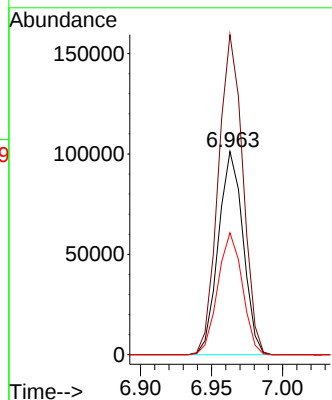
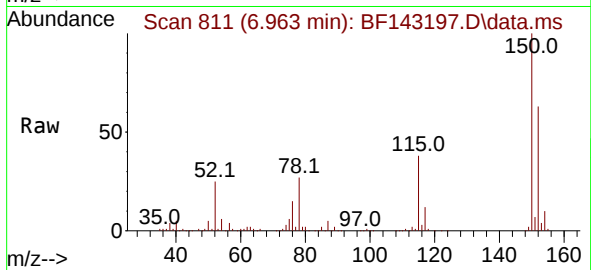




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143197.D
Acq: 22 Jul 2025 19:22

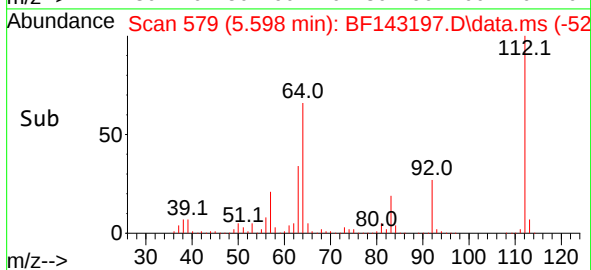
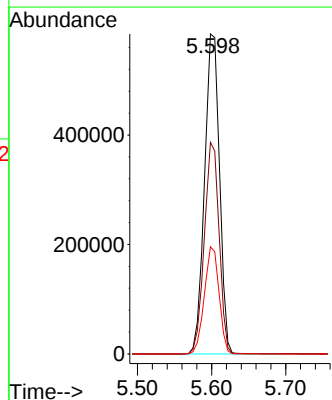
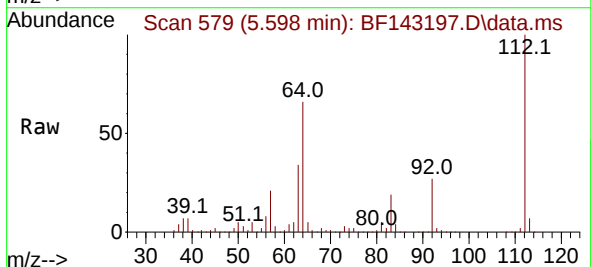
Instrument :
BNA_F
ClientSampleId :
WC-6

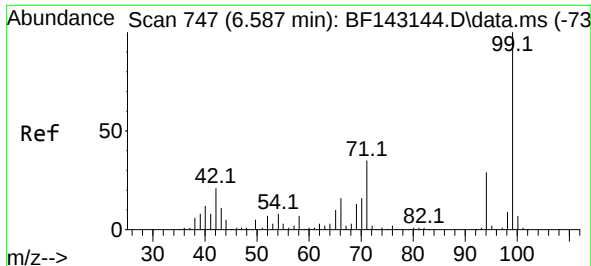
Tgt Ion:152 Resp: 122283
Ion Ratio Lower Upper
152 100
150 157.5 128.2 192.4
115 60.0 47.9 71.9



#5
2-Fluorophenol
Concen: 106.386 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143197.D
Acq: 22 Jul 2025 19:22

Tgt Ion:112 Resp: 822088
Ion Ratio Lower Upper
112 100
64 66.1 53.1 79.7
63 33.5 26.6 40.0

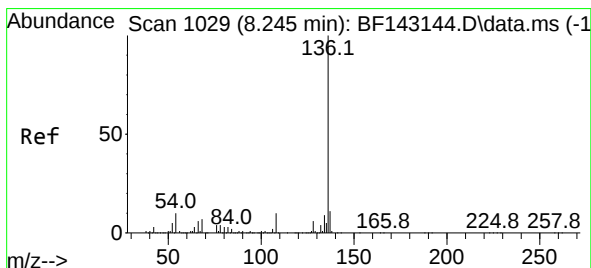
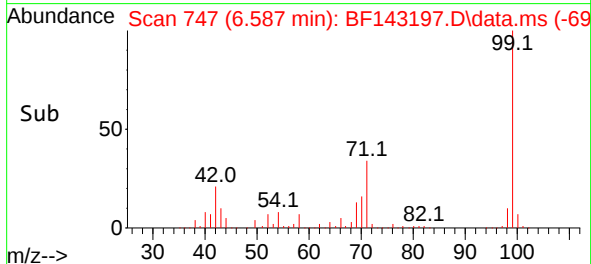
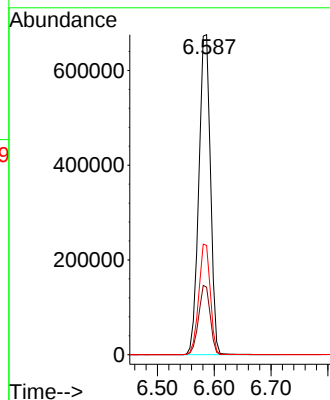
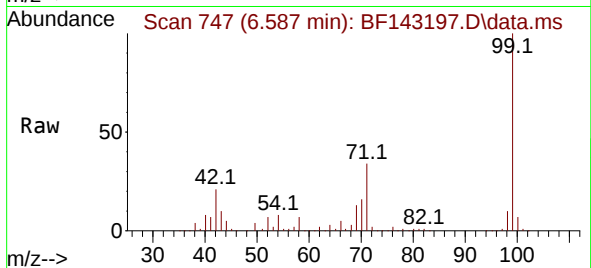




#7
Phenol-d6
Concen: 99.200 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF143197.D
Acq: 22 Jul 2025 19:22

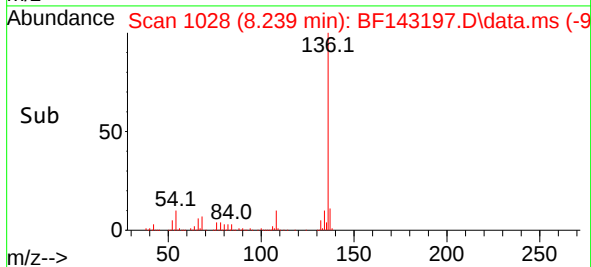
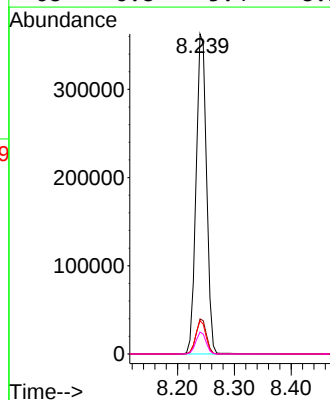
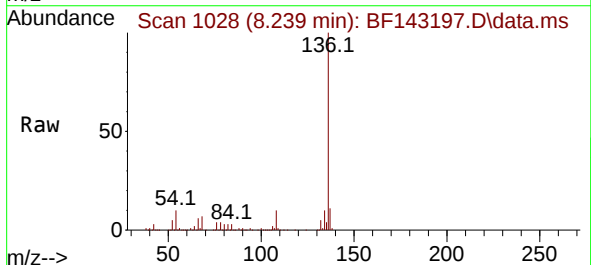
Instrument :
BNA_F
ClientSampleId :
WC-6

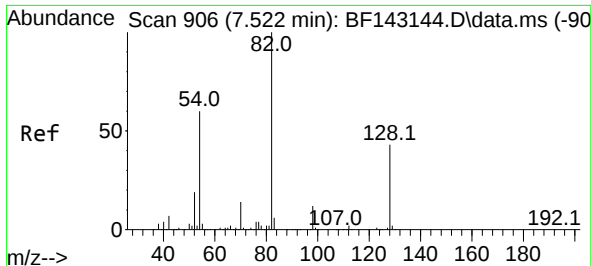
Tgt Ion: 99 Resp: 964854
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 34.1 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143197.D
Acq: 22 Jul 2025 19:22

Tgt Ion: 136 Resp: 465875
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.4 8.2 12.2
68 6.8 5.4 8.2





#23

Nitrobenzene-d5

Concen: 76.793 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143197.D

Acq: 22 Jul 2025 19:22

Instrument :

BNA_F

ClientSampleId :

WC-6

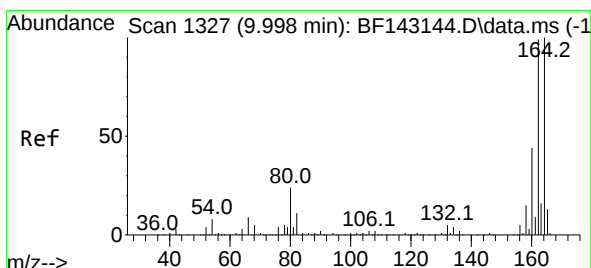
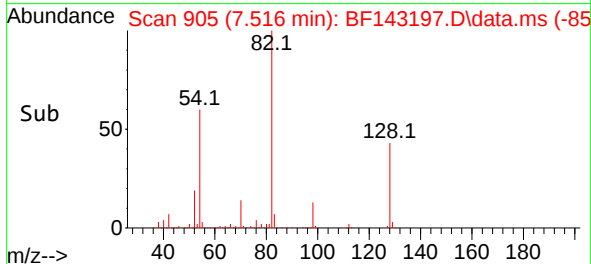
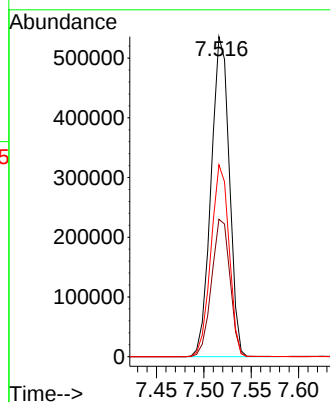
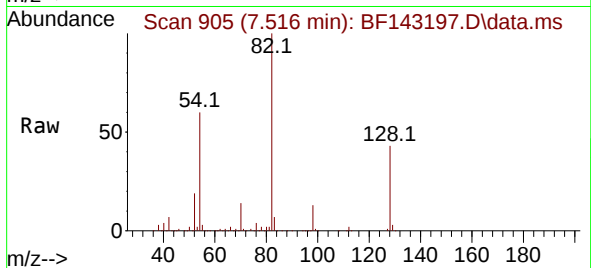
Tgt Ion: 82 Resp: 717713

Ion Ratio Lower Upper

82 100

128 43.0 33.6 50.4

54 60.0 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: BF143197.D

Acq: 22 Jul 2025 19:22

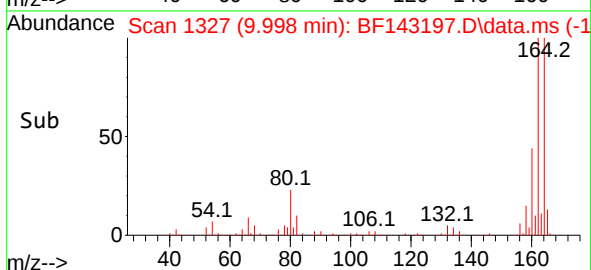
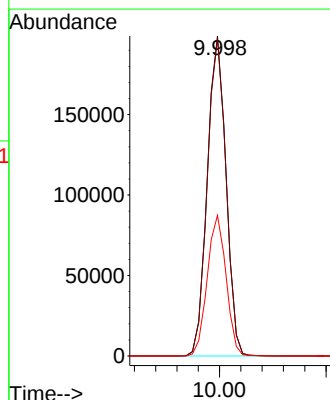
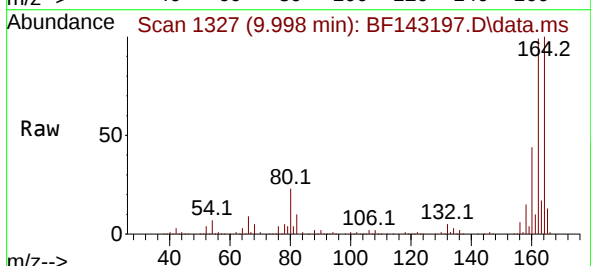
Tgt Ion:164 Resp: 242631

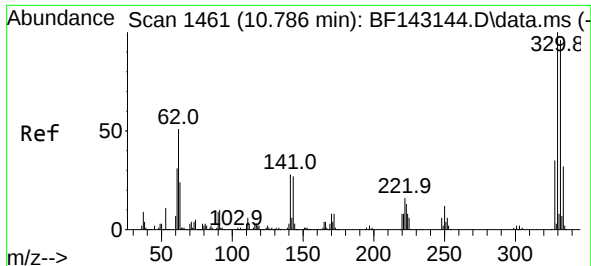
Ion Ratio Lower Upper

164 100

162 99.2 79.0 118.6

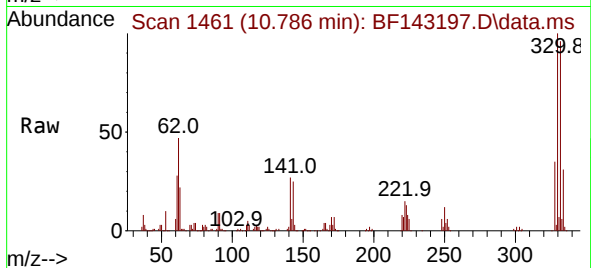
160 44.0 35.1 52.7



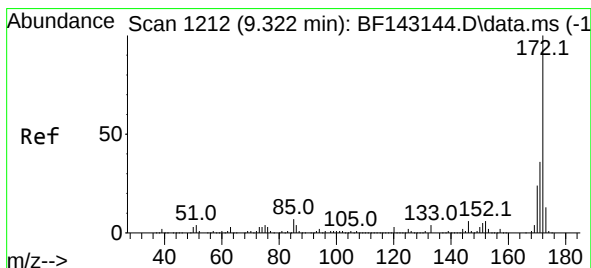
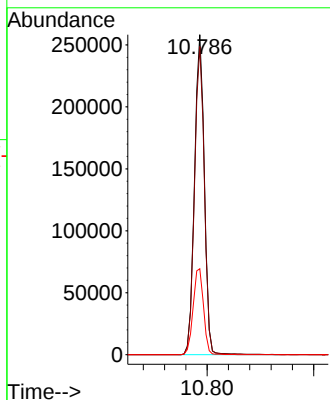
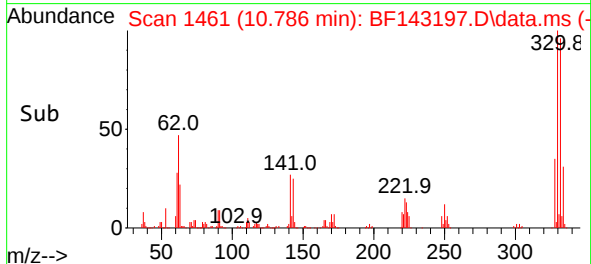


#42
2,4,6-Tribromophenol
Concen: 132.187 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143197.D
Acq: 22 Jul 2025 19:22

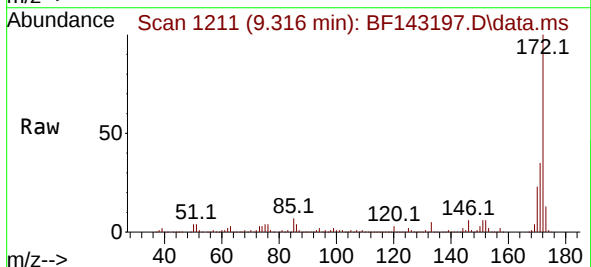
Instrument :
BNA_F
ClientSampleId :
WC-6



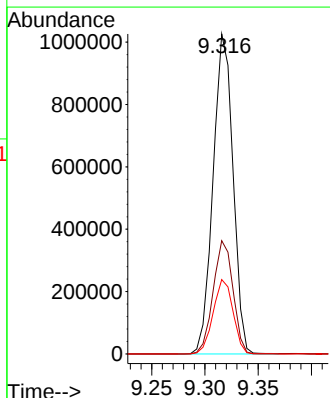
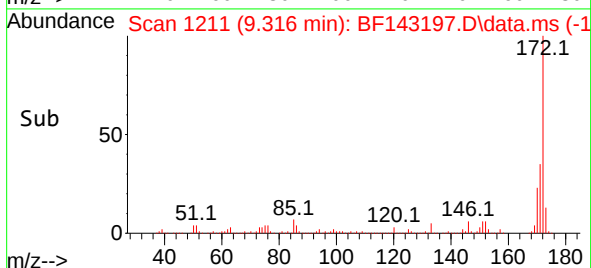
Tgt Ion:330 Resp: 331329
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 28.4 23.3 34.9

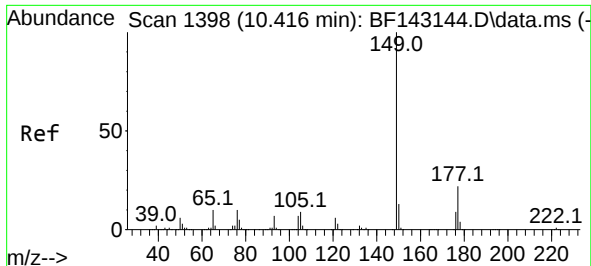


#45
2-Fluorobiphenyl
Concen: 75.289 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143197.D
Acq: 22 Jul 2025 19:22



Tgt Ion:172 Resp: 1335703
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.2 18.8 28.2

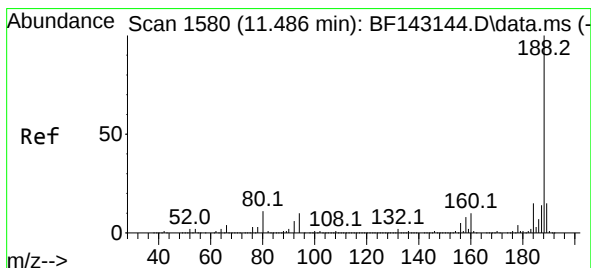
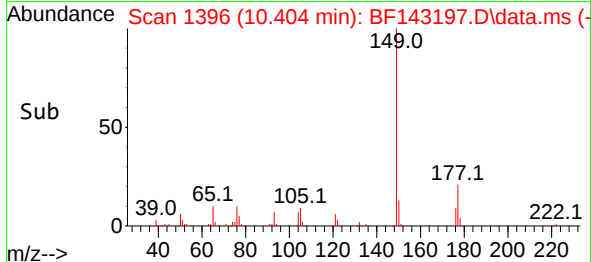
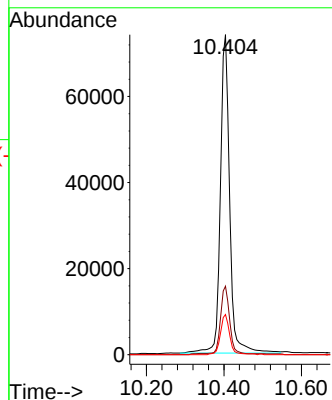
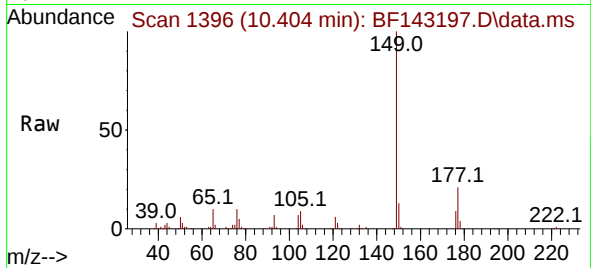




#60
Diethylphthalate
Concen: 7.864 ng
RT: 10.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143197.D
Acq: 22 Jul 2025 19:22

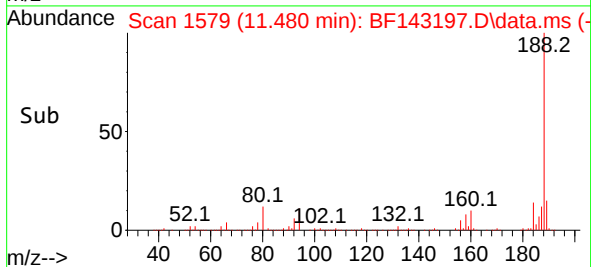
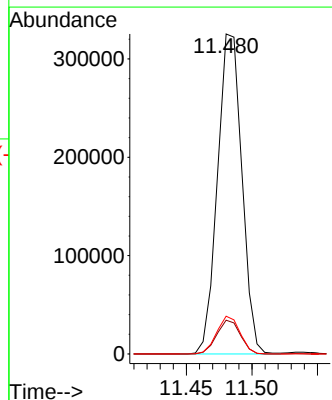
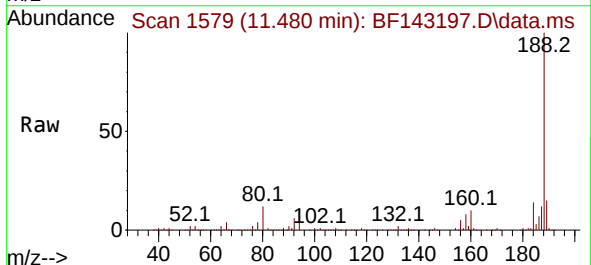
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ClientSampleId :
WC-6

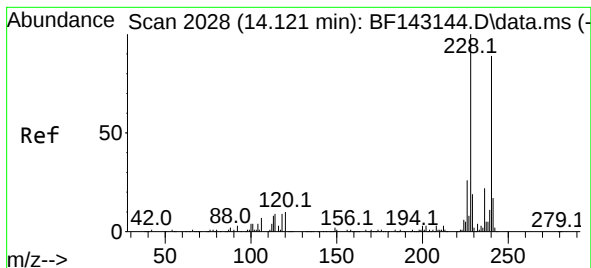
Tgt Ion:149 Resp: 122927
Ion Ratio Lower Upper
149 100
177 21.4 17.5 26.3
150 12.6 10.2 15.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143197.D
Acq: 22 Jul 2025 19:22

Tgt Ion:188 Resp: 421371
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 11.8 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: BF143197.D

Acq: 22 Jul 2025 19:22

Instrument :

BNA_F

ClientSampleId :

WC-6

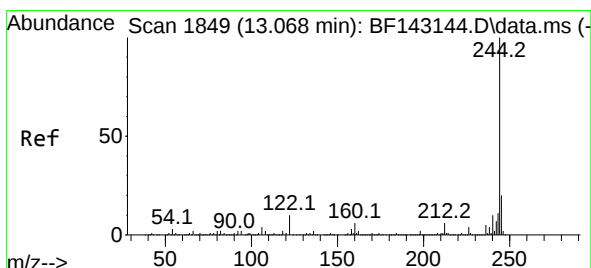
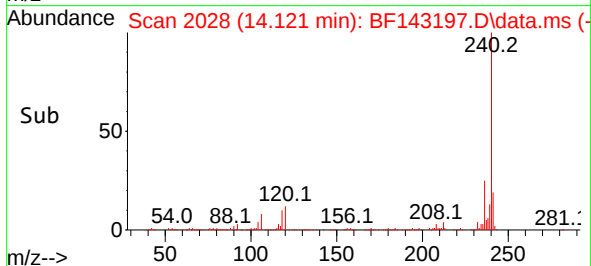
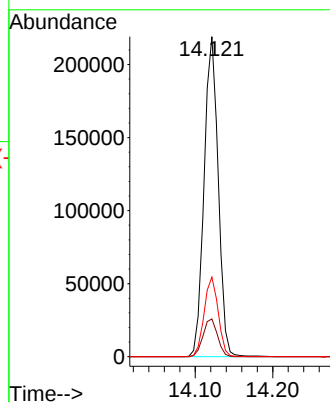
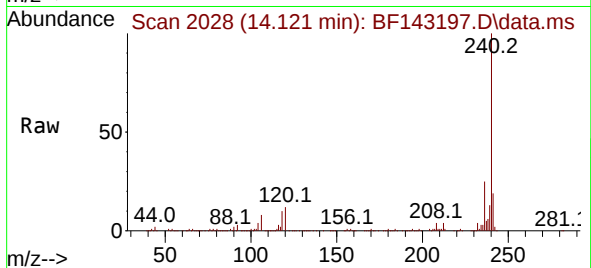
Tgt Ion:240 Resp: 277200

Ion Ratio Lower Upper

240 100

120 11.8 9.4 14.2

236 24.8 20.2 30.4



#79

Terphenyl-d14

Concen: 75.664 ng

RT: 13.068 min Scan# 1849

Delta R.T. -0.000 min

Lab File: BF143197.D

Acq: 22 Jul 2025 19:22

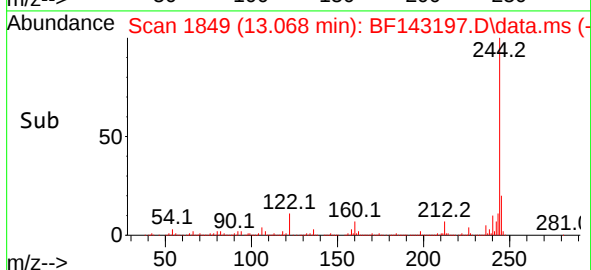
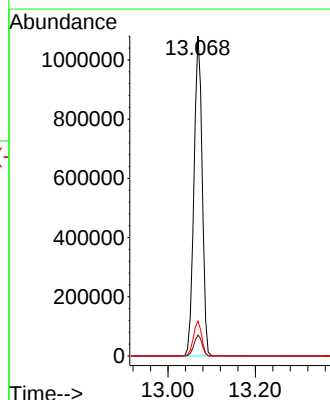
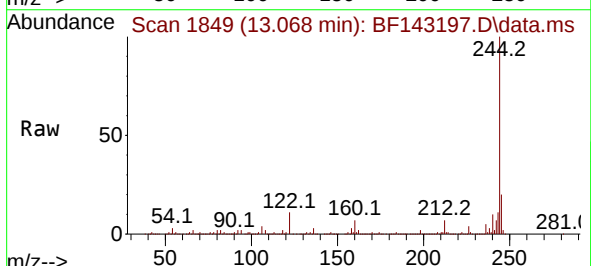
Tgt Ion:244 Resp: 1409452

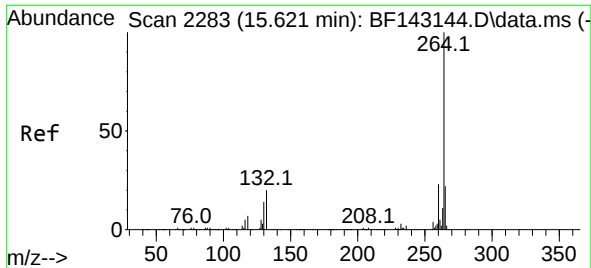
Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

122 10.9 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: BF143197.D
 Acq: 22 Jul 2025 19:22

Instrument :
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Tgt Ion:264 Resp: 268820
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.5 27.7
 265 21.5 17.4 26.2

