

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143202.D
 Acq On : 22 Jul 2025 21:48
 Operator : RC/JU
 Sample : Q2649-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Quant Time: Jul 23 04:54:14 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)

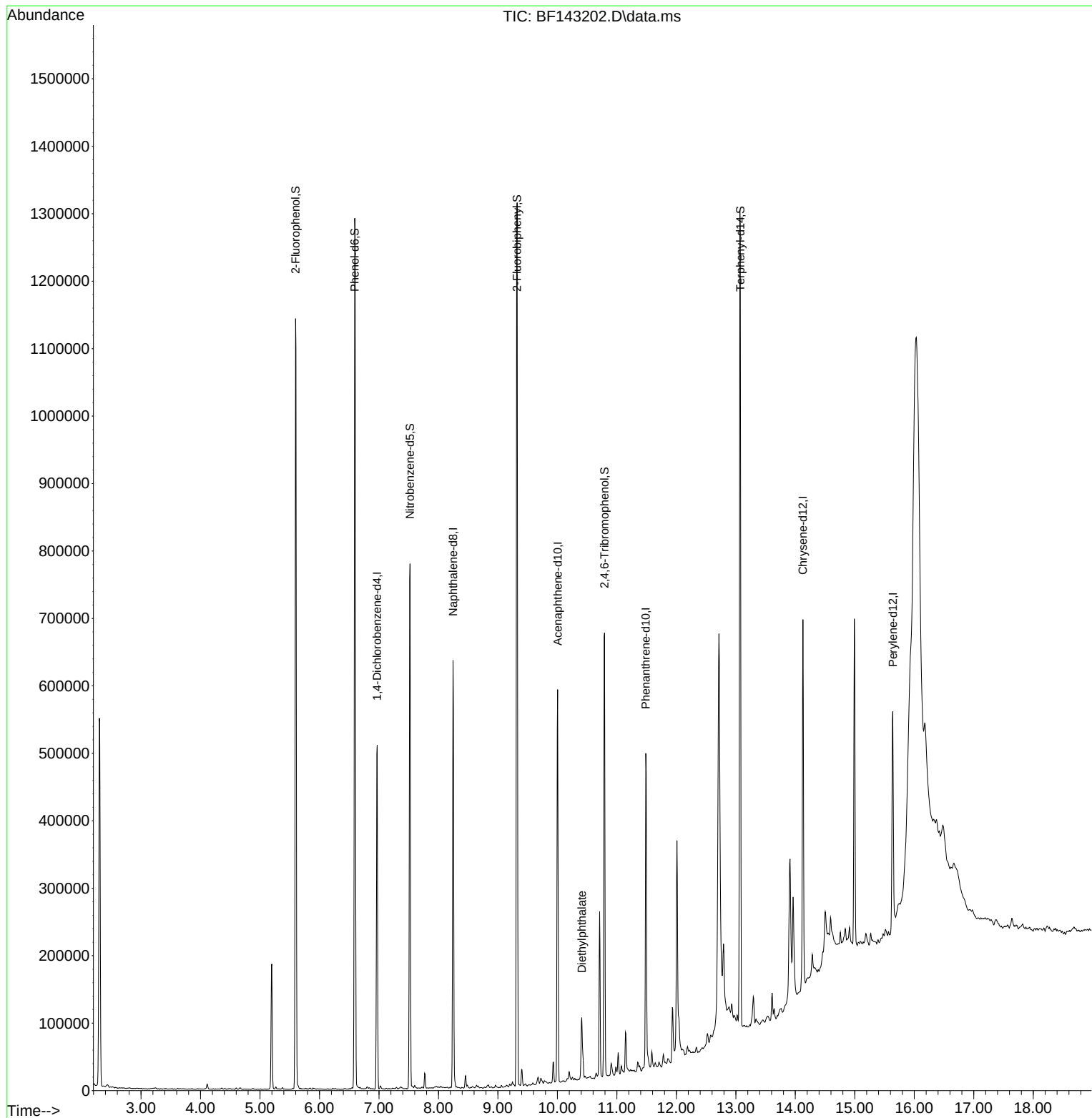
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	106492	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	377912	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	164816	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	237089	20.000	ng	0.00
76) Chrysene-d12	14.127	240	252228	20.000	ng	0.00
86) Perylene-d12	15.639	264	192583	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	408716	60.735	ng	0.01
7) Phenol-d6	6.592	99	590202	69.679	ng	0.00
23) Nitrobenzene-d5	7.522	82	328564	43.338	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	109488	64.305	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	571330	47.408	ng	0.00
79) Terphenyl-d14	13.074	244	590113	34.816	ng	0.00
Target Compounds						
60) Diethylphthalate	10.410	149	58563	5.515	ng	Qvalue 99

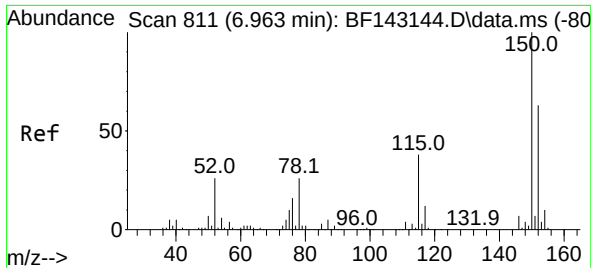
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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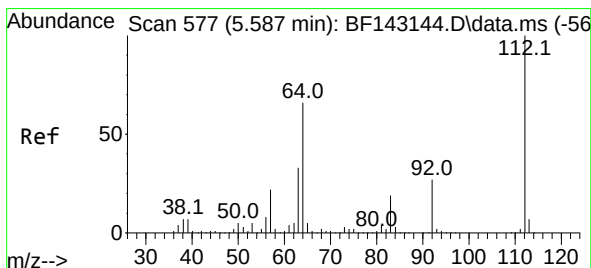
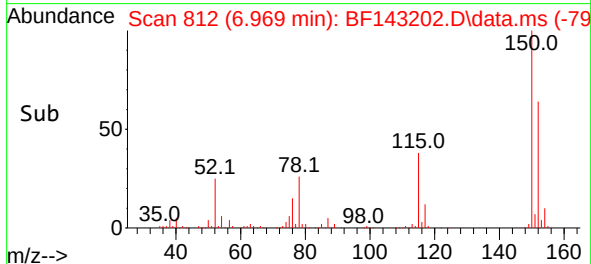
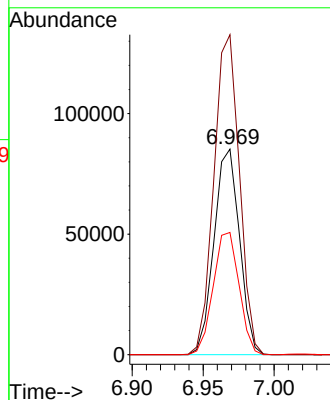
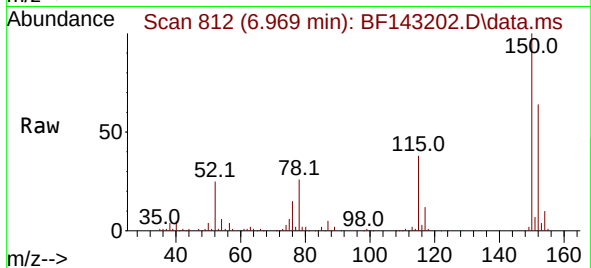




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF143202.D
Acq: 22 Jul 2025 21:48

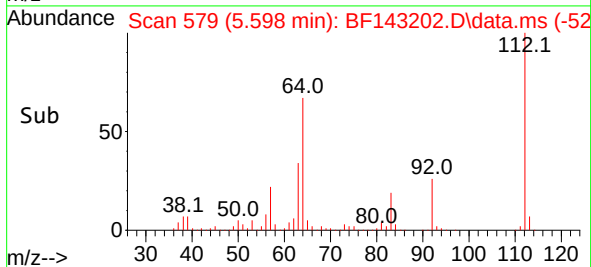
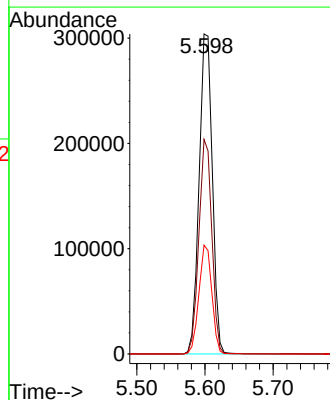
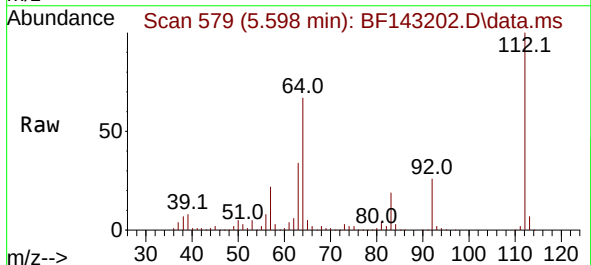
Instrument :
BNA_F
ClientSampleId :
WC-4

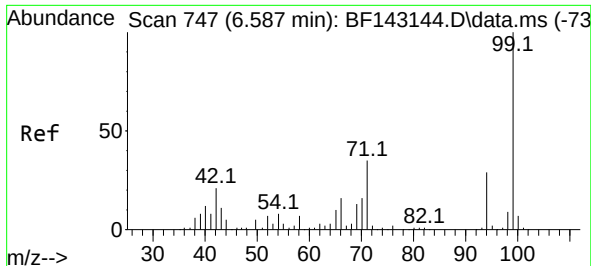
Tgt Ion:152 Resp: 106492
Ion Ratio Lower Upper
152 100
150 155.7 128.2 192.4
115 59.5 47.9 71.9



#5
2-Fluorophenol
Concen: 60.735 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143202.D
Acq: 22 Jul 2025 21:48

Tgt Ion:112 Resp: 408716
Ion Ratio Lower Upper
112 100
64 67.1 53.1 79.7
63 34.0 26.6 40.0

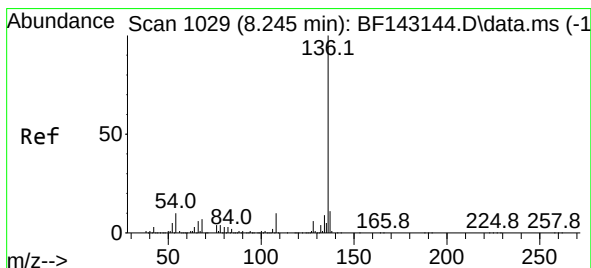
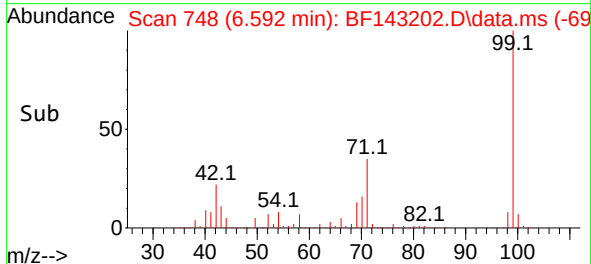
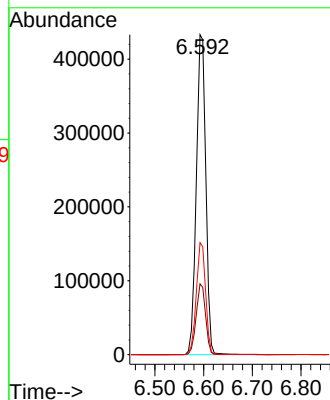
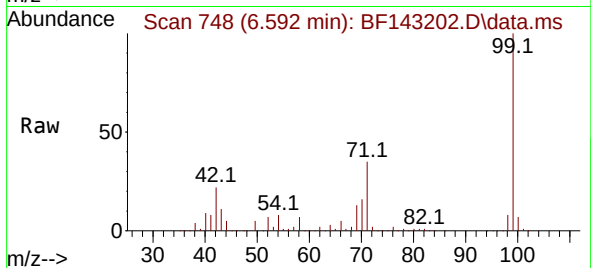




#7
Phenol-d6
Concen: 69.679 ng
RT: 6.592 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF143202.D
Acq: 22 Jul 2025 21:48

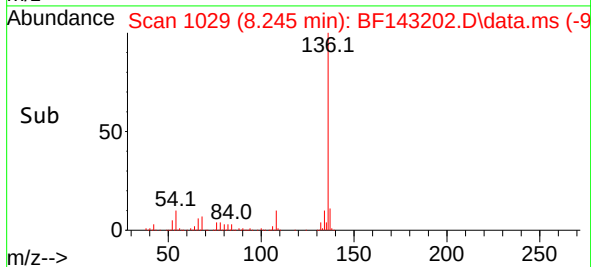
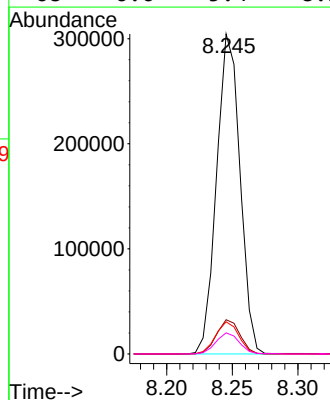
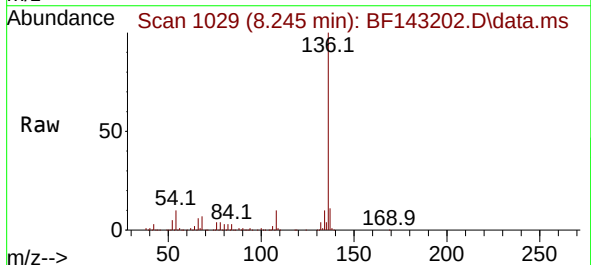
Instrument :
BNA_F
ClientSampleId :
WC-4

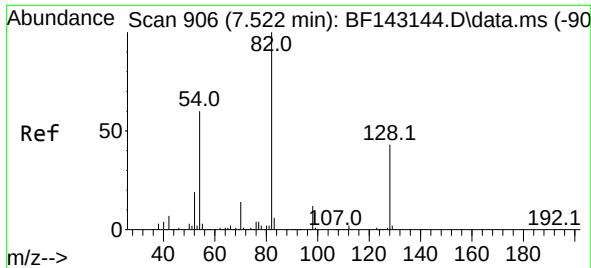
Tgt Ion: 99 Resp: 590202
Ion Ratio Lower Upper
99 100
42 22.2 17.0 25.6
71 35.0 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143202.D
Acq: 22 Jul 2025 21:48

Tgt Ion: 136 Resp: 377912
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.1 8.2 12.2
68 6.6 5.4 8.2

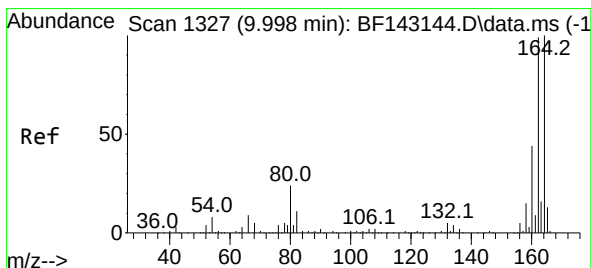
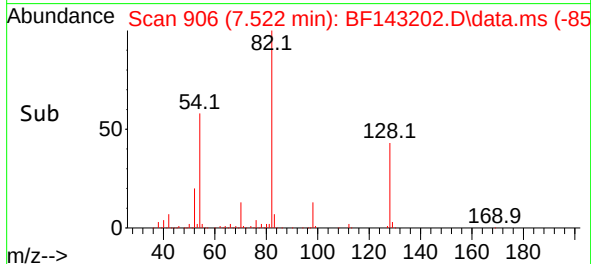
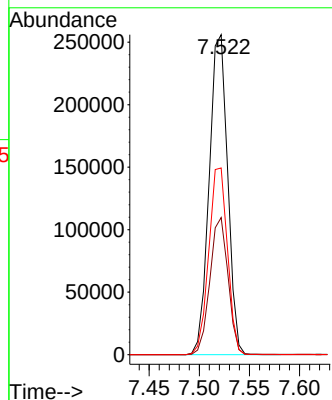
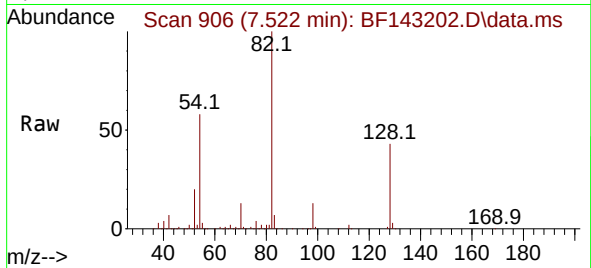




#23
Nitrobenzene-d5
Concen: 43.338 ng
RT: 7.522 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF143202.D
Acq: 22 Jul 2025 21:48

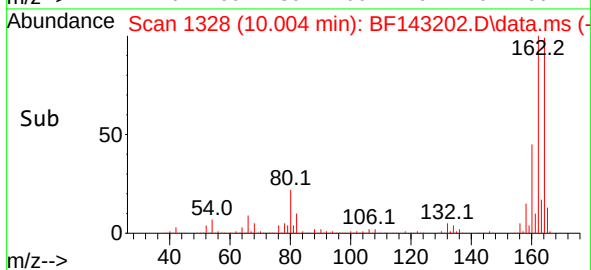
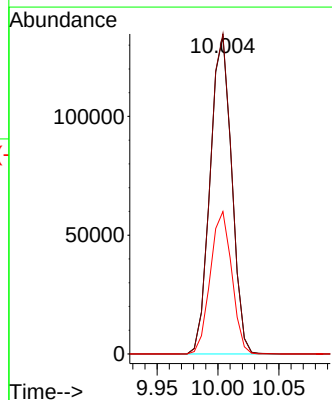
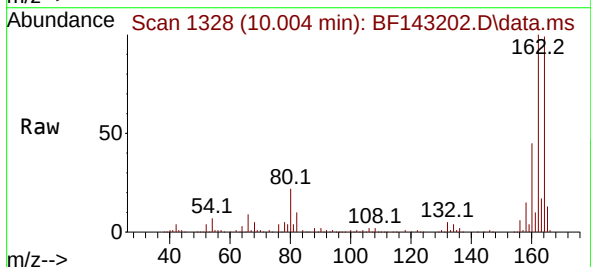
Instrument :
BNA_F
ClientSampleId :
WC-4

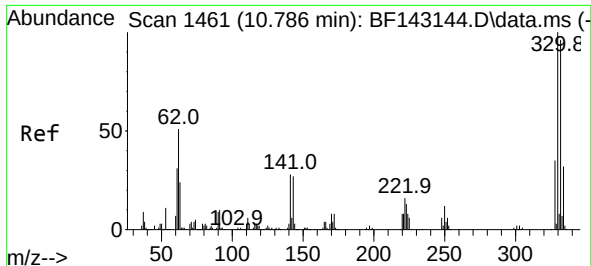
Tgt Ion: 82 Resp: 328564
Ion Ratio Lower Upper
82 100
128 42.9 33.6 50.4
54 58.4 47.1 70.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF143202.D
Acq: 22 Jul 2025 21:48

Tgt Ion:164 Resp: 164816
Ion Ratio Lower Upper
164 100
162 100.6 79.0 118.6
160 44.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 64.305 ng

RT: 10.792 min Scan# 1462

Delta R.T. 0.006 min

Lab File: BF143202.D

Acq: 22 Jul 2025 21:48

Instrument :

BNA_F

ClientSampleId :

WC-4

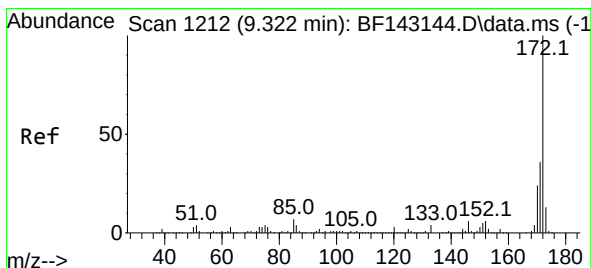
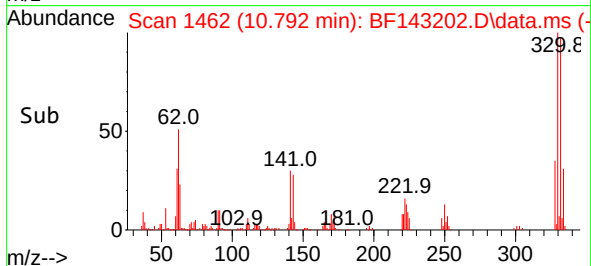
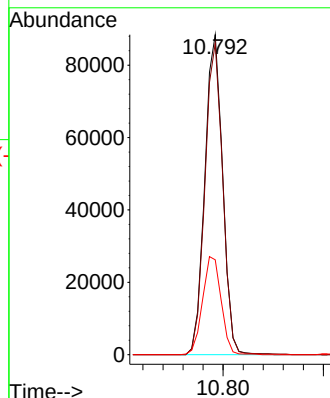
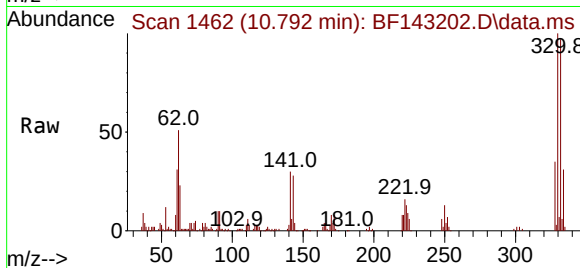
Tgt Ion:330 Resp: 109488

Ion Ratio Lower Upper

330 100

332 97.2 76.7 115.1

141 31.9 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 47.408 ng

RT: 9.322 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF143202.D

Acq: 22 Jul 2025 21:48

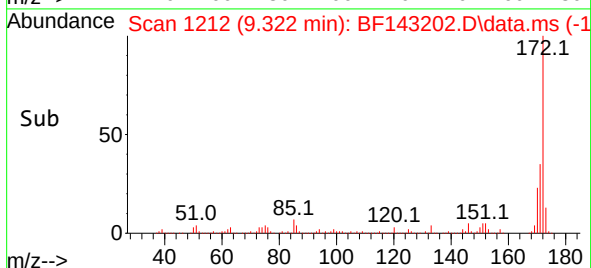
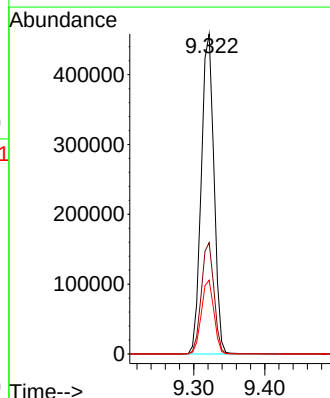
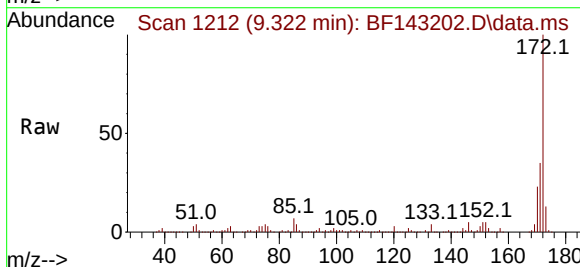
Tgt Ion:172 Resp: 571330

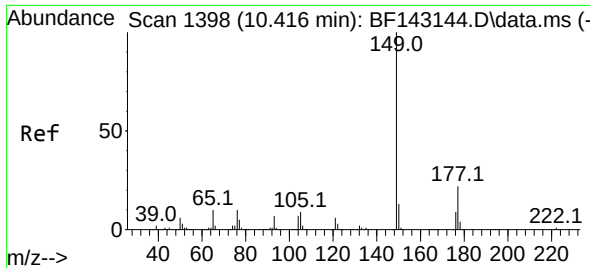
Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.1 18.8 28.2

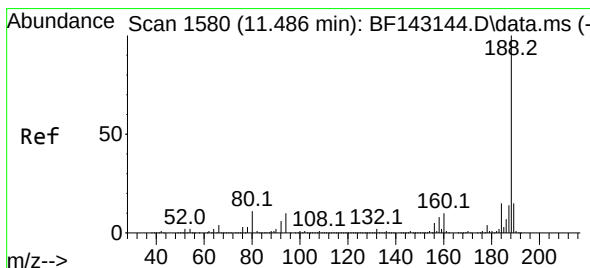
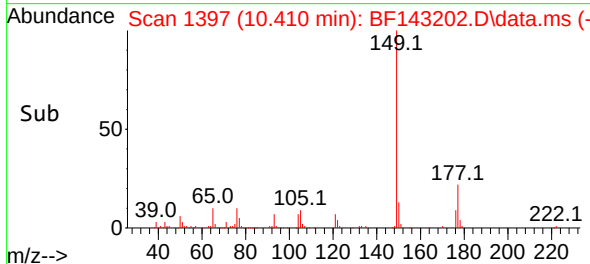
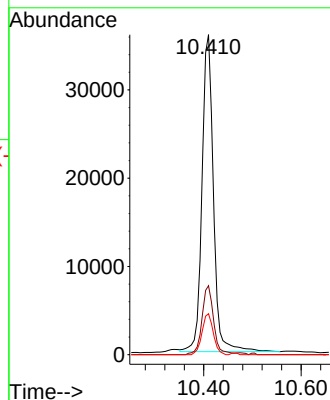
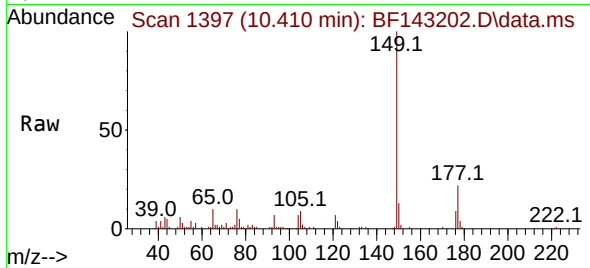




#60
Diethylphthalate
Concen: 5.515 ng
RT: 10.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143202.D
Acq: 22 Jul 2025 21:48

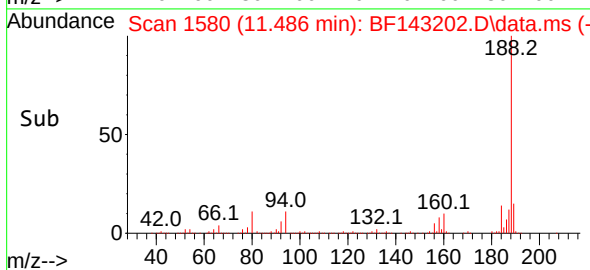
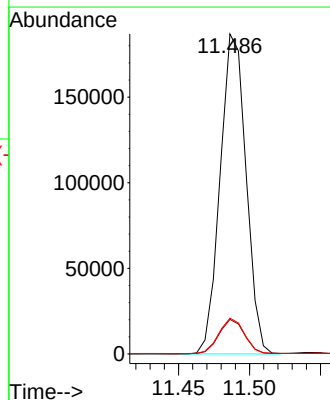
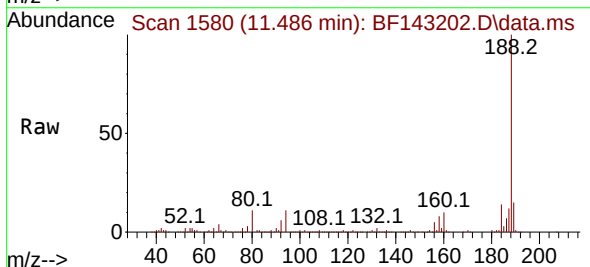
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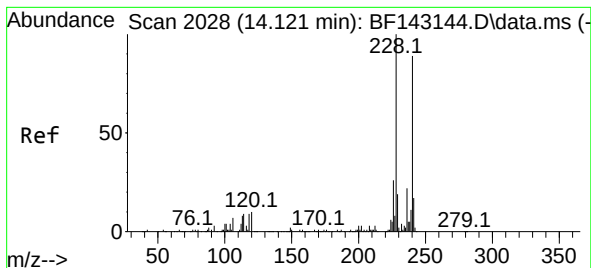
Tgt Ion:149 Resp: 58563
Ion Ratio Lower Upper
149 100
177 21.6 17.5 26.3
150 12.8 10.2 15.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143202.D
Acq: 22 Jul 2025 21:48

Tgt Ion:188 Resp: 237089
Ion Ratio Lower Upper
188 100
94 10.8 8.3 12.5
80 11.2 9.0 13.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF143202.D

Acq: 22 Jul 2025 21:48

Instrument :

BNA_F

ClientSampleId :

WC-4

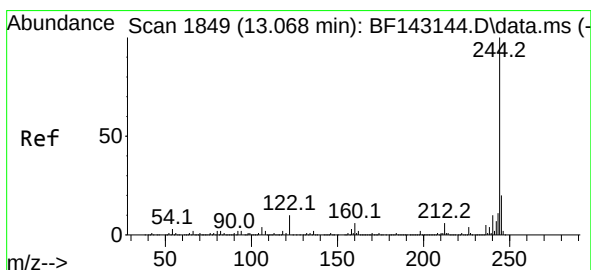
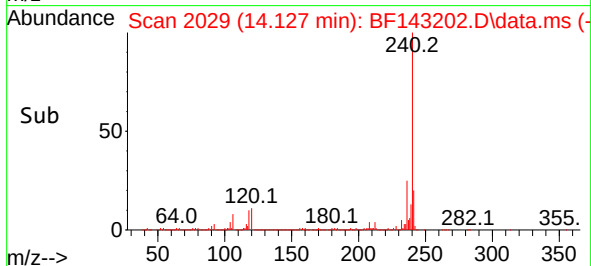
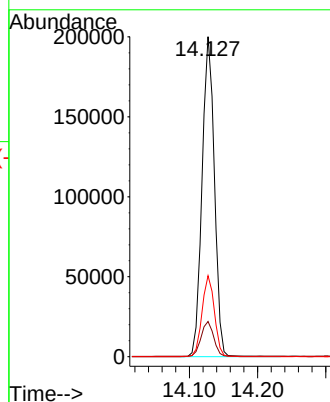
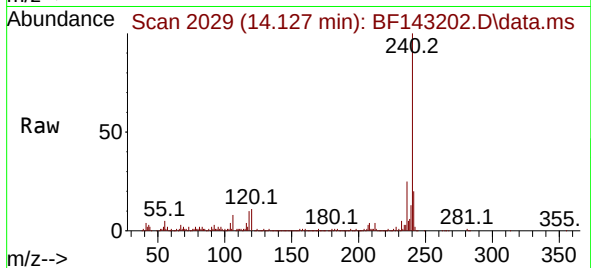
Tgt Ion:240 Resp: 252228

Ion Ratio Lower Upper

240 100

120 11.0 9.4 14.2

236 25.3 20.2 30.4



#79

Terphenyl-d14

Concen: 34.816 ng

RT: 13.074 min Scan# 1850

Delta R.T. 0.006 min

Lab File: BF143202.D

Acq: 22 Jul 2025 21:48

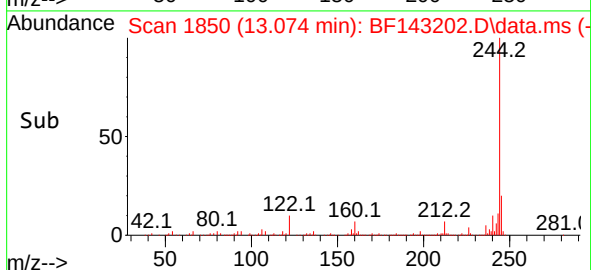
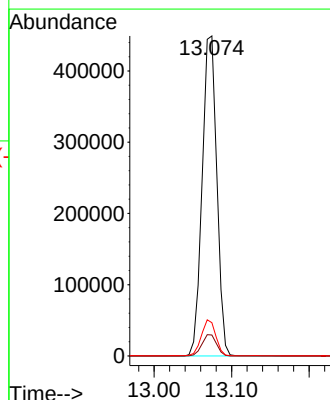
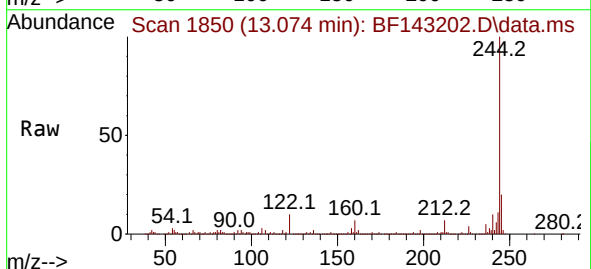
Tgt Ion:244 Resp: 590113

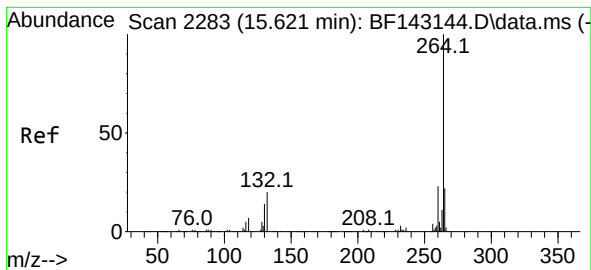
Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 10.4 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.639 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF143202.D

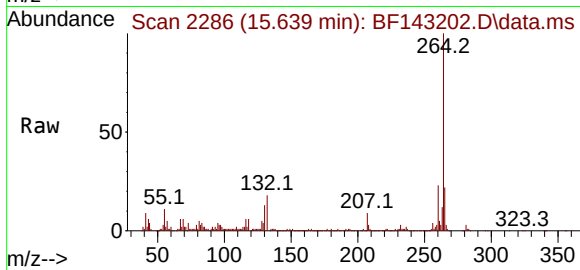
Acq: 22 Jul 2025 21:48

Instrument :

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ClientSampleId :

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Tgt Ion:264 Resp: 192583

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 21.7 17.4 26.2

