

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
 Data File : BF141584.D
 Acq On : 12 Feb 2025 12:36
 Operator : RC/JU
 Sample : PB166651TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166651TB

Quant Time: Feb 12 13:05:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	89881	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	364183	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	197468	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	360541	20.000	ng	0.00
76) Chrysene-d12	13.951	240	254974	20.000	ng	-0.01
86) Perylene-d12	15.404	264	194552	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	773137	134.854	ng	0.00
7) Phenol-d6	6.428	99	960337	132.529	ng	-0.01
23) Nitrobenzene-d5	7.351	82	642343	91.996	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	270134	136.180	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1221402	95.294	ng	0.00
79) Terphenyl-d14	12.898	244	1452001	96.136	ng	0.00

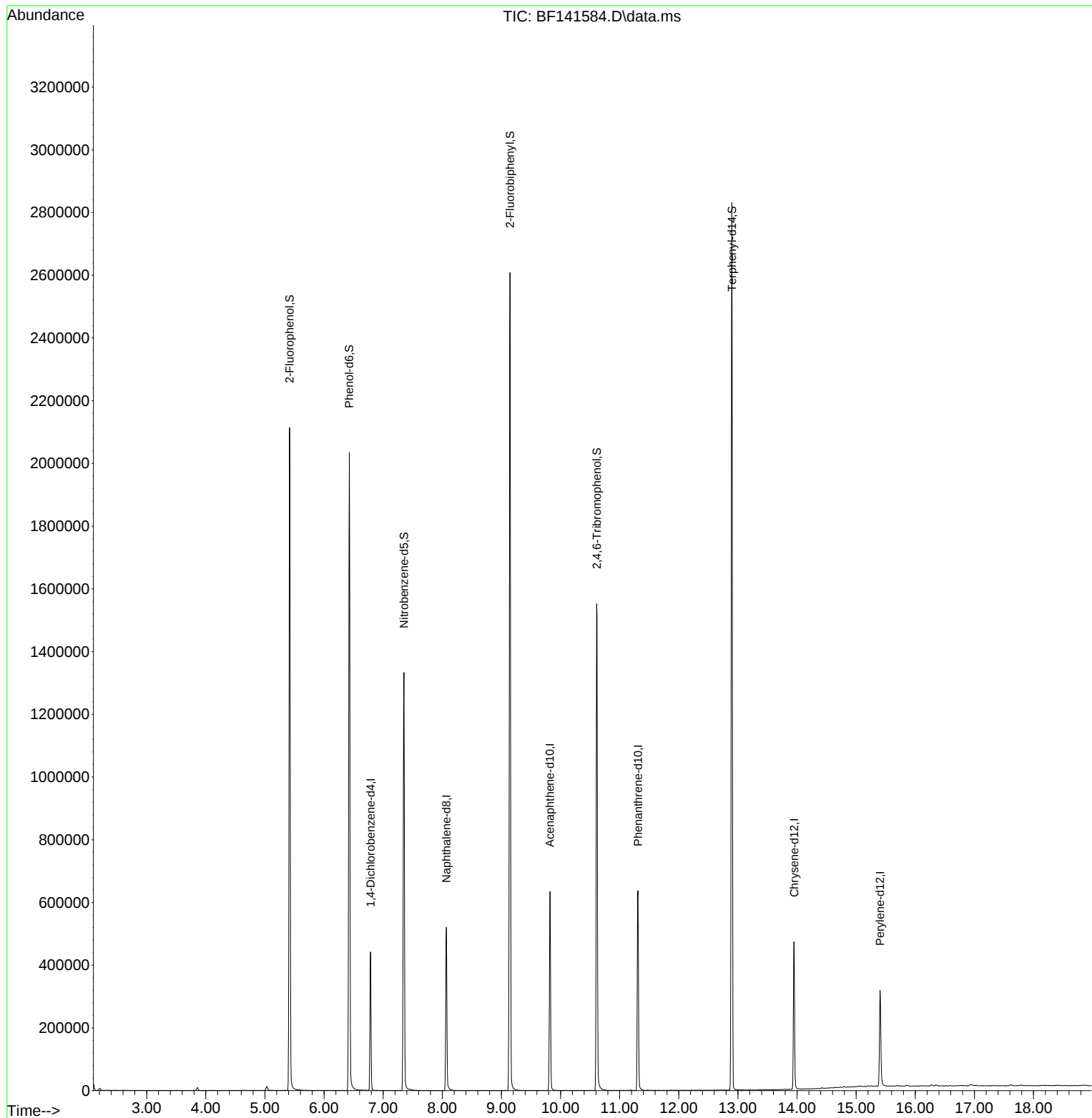
Target Compounds	Qvalue

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

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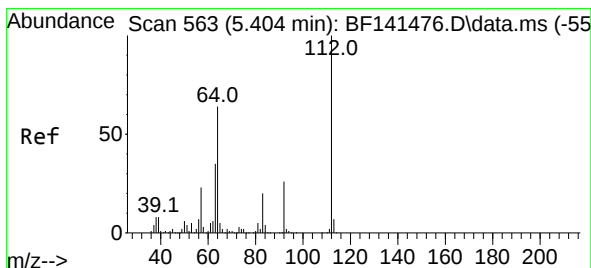
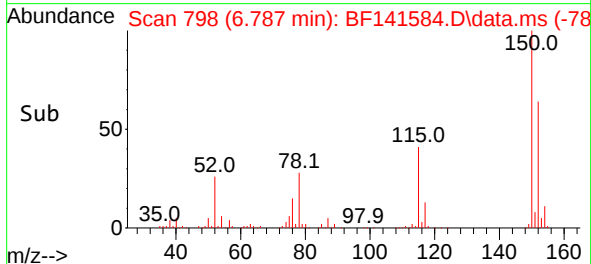
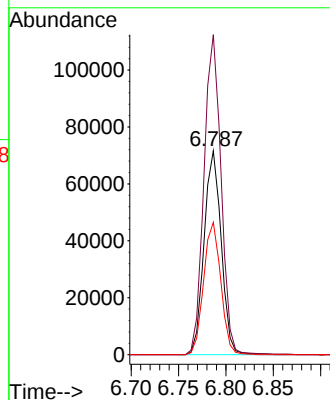
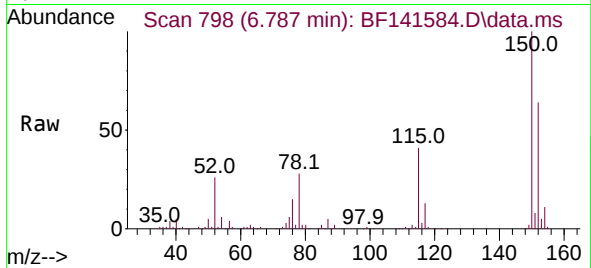




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF141584.D
 Acq: 12 Feb 2025 12:36

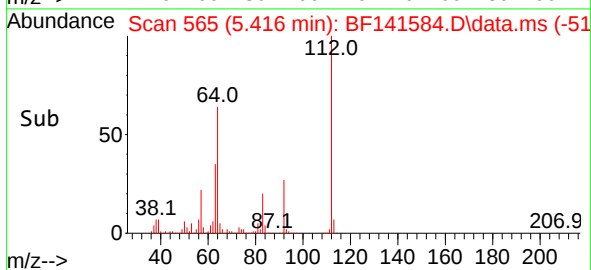
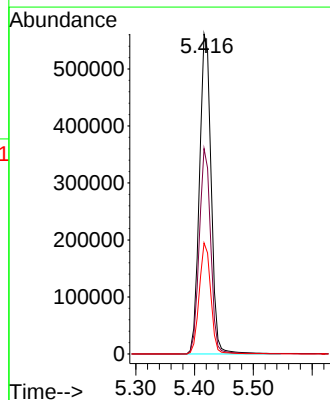
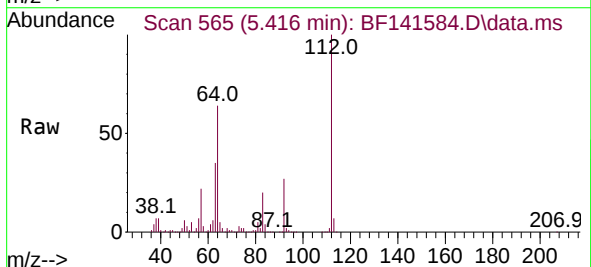
Instrument :
 BNA_F
 ClientSampleId :
 PB166651TB

Tgt Ion:152 Resp: 89881
 Ion Ratio Lower Upper
 152 100
 150 157.0 125.0 187.4
 115 64.9 53.6 80.4



#5
 2-Fluorophenol
 Concen: 134.854 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141584.D
 Acq: 12 Feb 2025 12:36

Tgt Ion:112 Resp: 773137
 Ion Ratio Lower Upper
 112 100
 64 64.2 51.1 76.7
 63 34.7 28.4 42.6

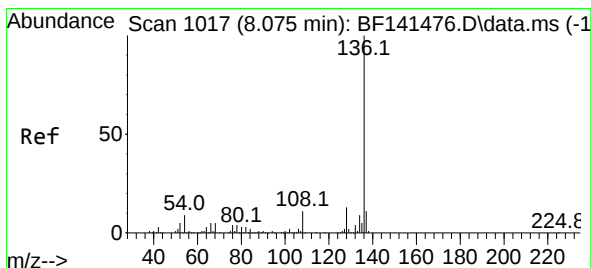
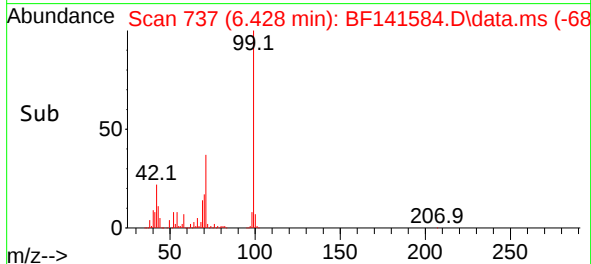
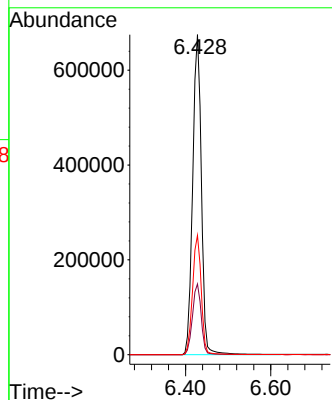
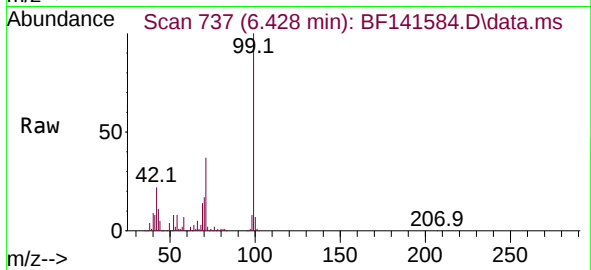




#7
Phenol-d6
Concen: 132.529 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141584.D
Acq: 12 Feb 2025 12:36

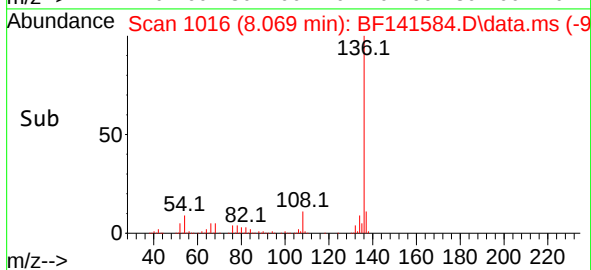
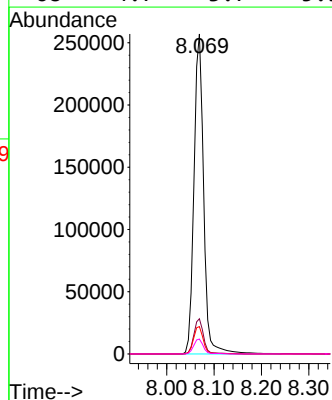
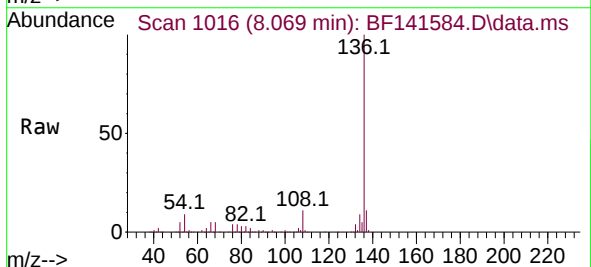
Instrument :
BNA_F
ClientSampleId :
PB166651TB

Tgt Ion: 99 Resp: 960337
Ion Ratio Lower Upper
99 100
42 22.1 19.1 28.7
71 37.3 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141584.D
Acq: 12 Feb 2025 12:36

Tgt Ion: 136 Resp: 364183
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.6 7.2 10.8
68 4.7 3.7 5.5





#23

Nitrobenzene-d5

Concen: 91.996 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF141584.D

Acq: 12 Feb 2025 12:36

Instrument :

BNA_F

ClientSampleId :

PB166651TB

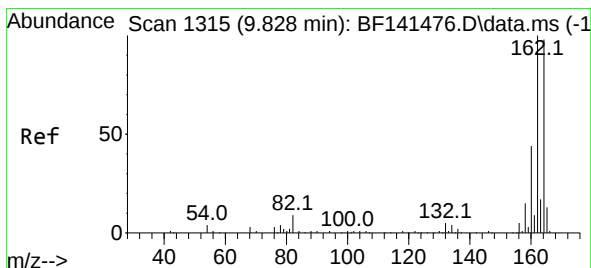
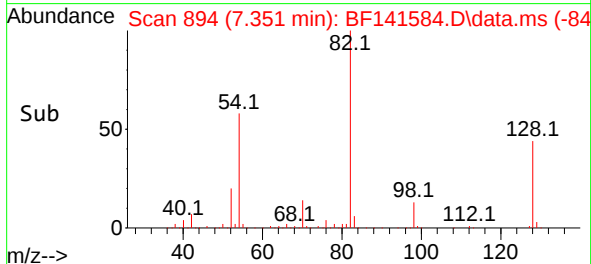
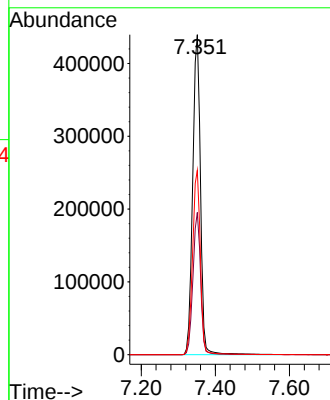
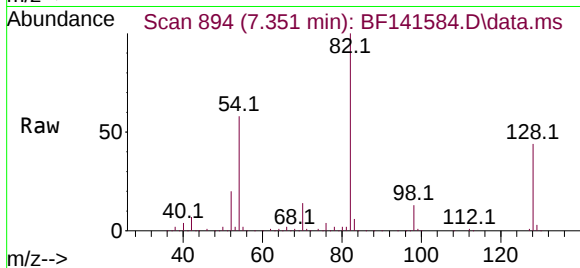
Tgt Ion: 82 Resp: 642343

Ion Ratio Lower Upper

82 100

128 44.5 34.8 52.2

54 57.6 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF141584.D

Acq: 12 Feb 2025 12:36

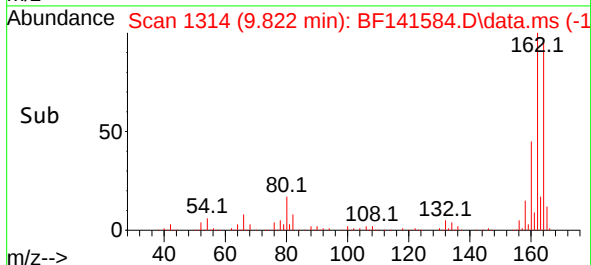
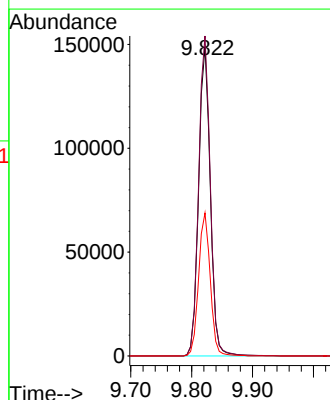
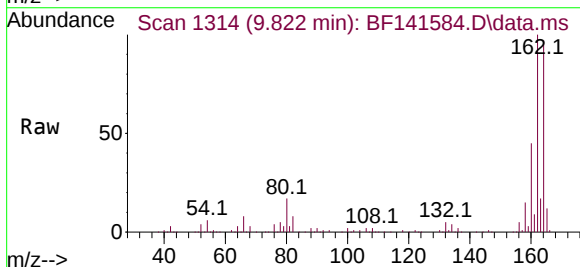
Tgt Ion:164 Resp: 197468

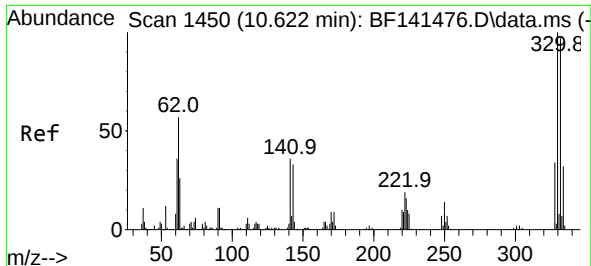
Ion Ratio Lower Upper

164 100

162 103.5 81.3 121.9

160 46.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 136.180 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141584.D

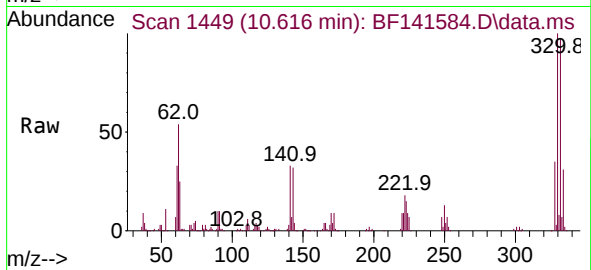
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Instrument :

BNA_F

ClientSampleId :

PB166651TB



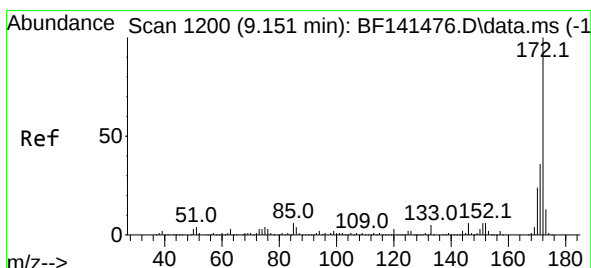
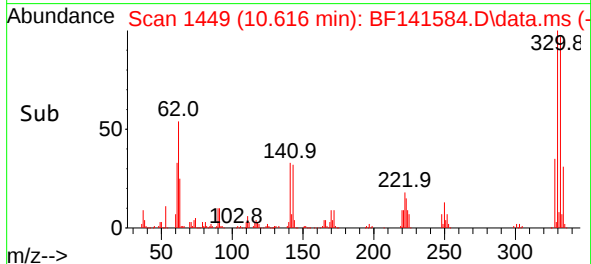
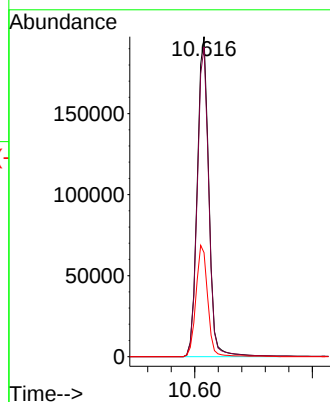
Tgt Ion:330 Resp: 270134

Ion Ratio Lower Upper

330 100

332 96.9 78.5 117.7

141 35.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 95.294 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141584.D

Acq: 12 Feb 2025 12:36

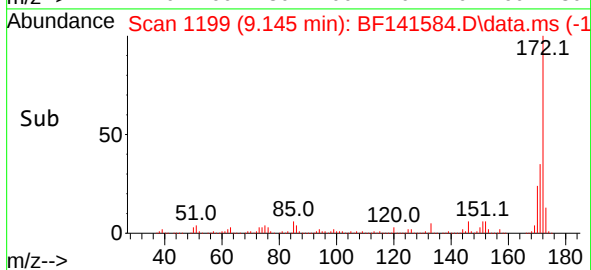
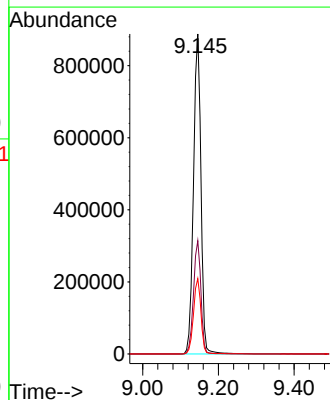
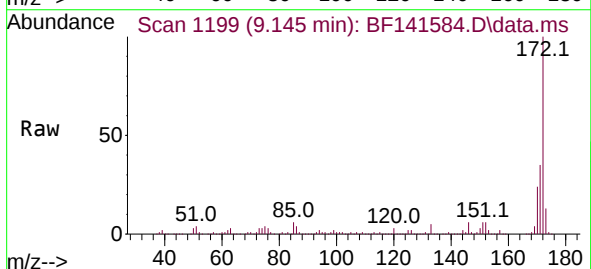
Tgt Ion:172 Resp: 1221402

Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

170 23.6 18.9 28.3

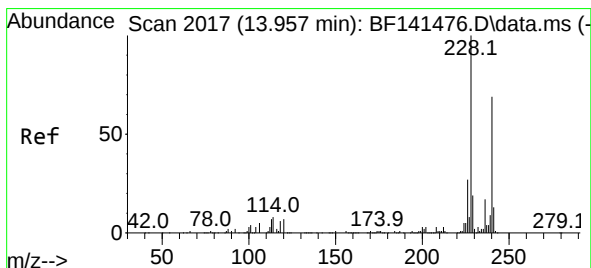
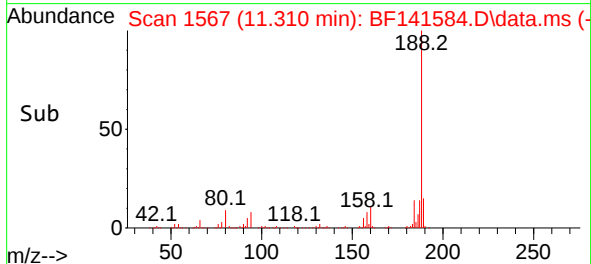
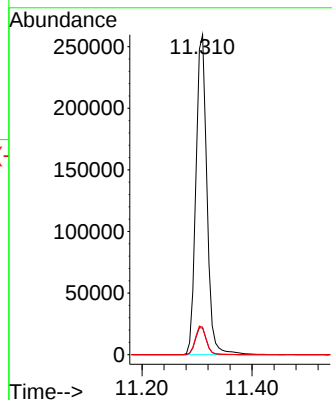
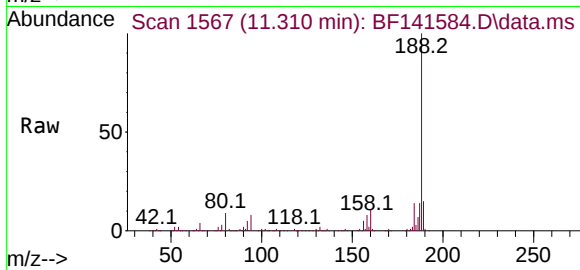




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141584.D
Acq: 12 Feb 2025 12:36

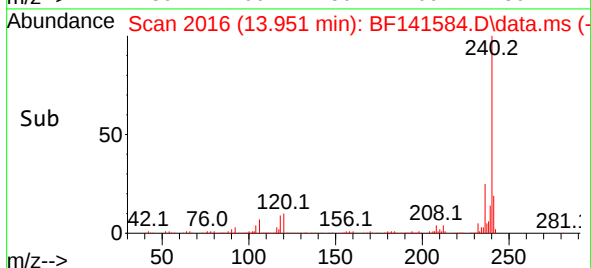
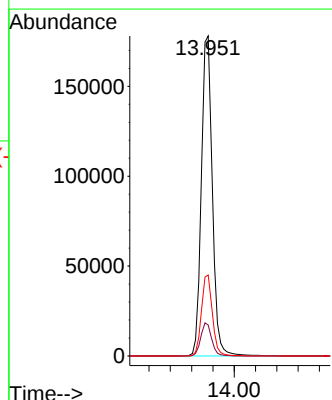
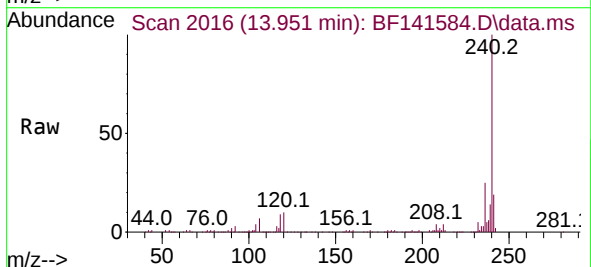
Instrument :
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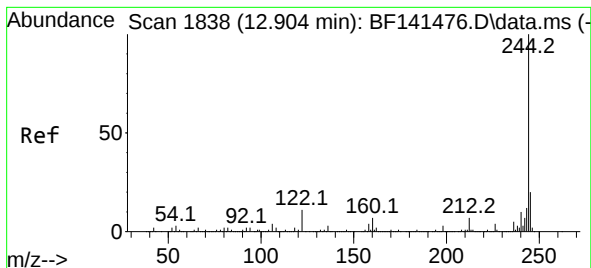
Tgt Ion:188 Resp: 360541
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 8.6 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141584.D
Acq: 12 Feb 2025 12:36

Tgt Ion:240 Resp: 254974
Ion Ratio Lower Upper
240 100
120 9.6 8.0 12.0
236 25.3 19.8 29.8





#79

Terphenyl-d14

Concen: 96.136 ng

RT: 12.898 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF141584.D

Acq: 12 Feb 2025 12:36

Instrument :

BNA_F

ClientSampleId :

PB166651TB

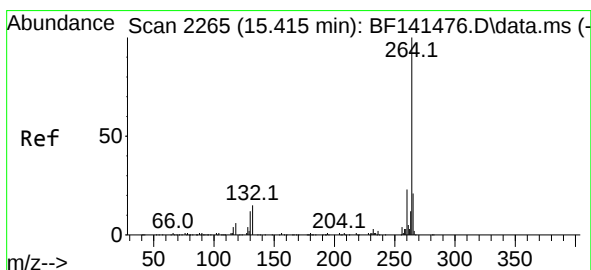
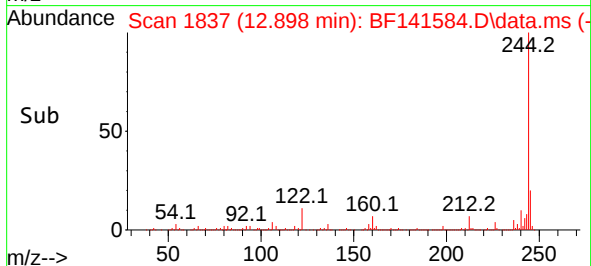
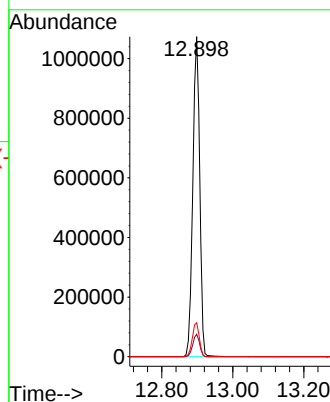
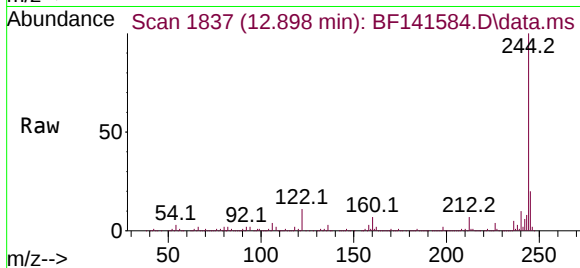
Tgt Ion:244 Resp: 1452001

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.6 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2263

Delta R.T. -0.011 min

Lab File: BF141584.D

Acq: 12 Feb 2025 12:36

Tgt Ion:264 Resp: 194552

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 20.6 17.0 25.4

