

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012125\
 Data File : BF141234.D
 Acq On : 21 Jan 2025 14:28
 Operator : RC/JU
 Sample : Q1132-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-1-011725

Quant Time: Jan 21 14:56:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	153542	20.000	ng	-0.02
21) Naphthalene-d8	8.087	136	581523	20.000	ng	-0.02
39) Acenaphthene-d10	9.839	164	284638	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	420070	20.000	ng	-0.02
76) Chrysene-d12	13.969	240	354896	20.000	ng	-0.02
86) Perylene-d12	15.445	264	284702	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	754495	75.911	ng	-0.01
7) Phenol-d6	6.434	99	933231	74.124	ng	-0.01
23) Nitrobenzene-d5	7.363	82	592547	54.013	ng	-0.02
42) 2,4,6-Tribromophenol	10.628	330	235785	72.700	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	1057386	56.727	ng	-0.02
79) Terphenyl-d14	12.916	244	980933	41.081	ng	-0.02

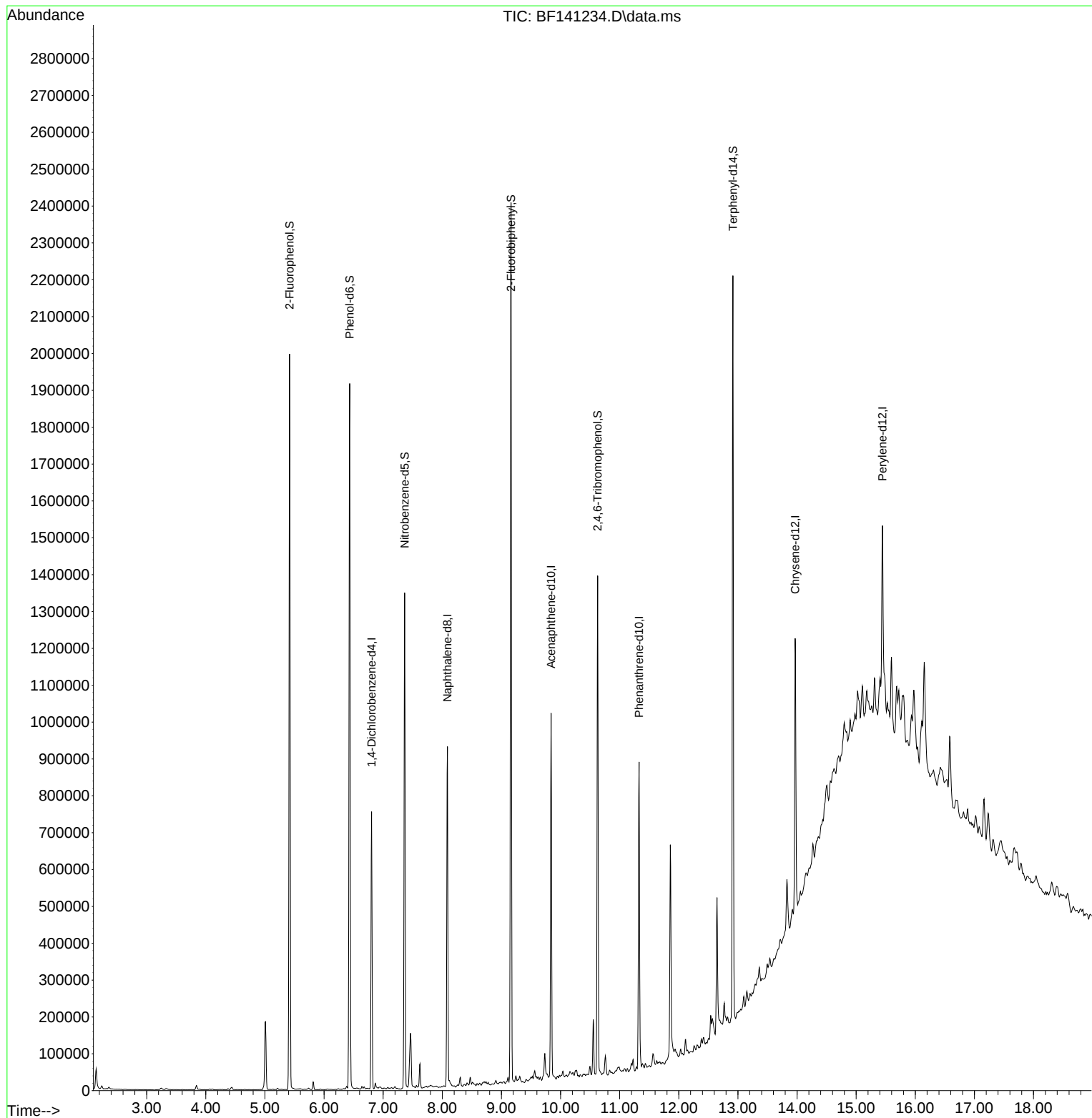
Target Compounds	Qvalue

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

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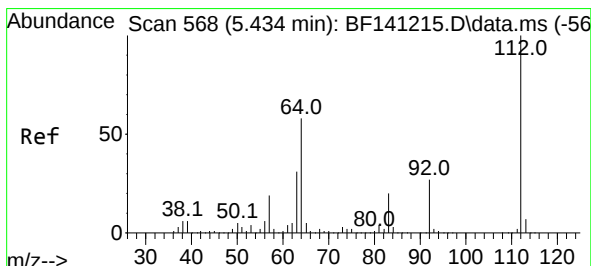
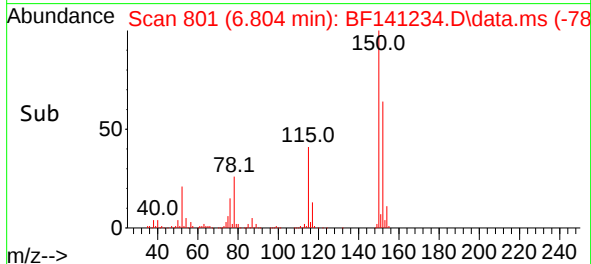
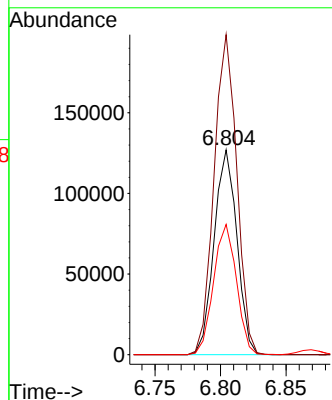
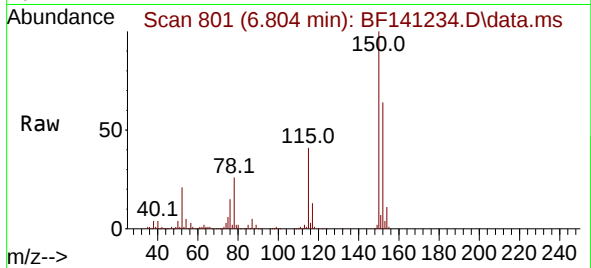




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.018 min
Lab File: BF141234.D
Acq: 21 Jan 2025 14:28

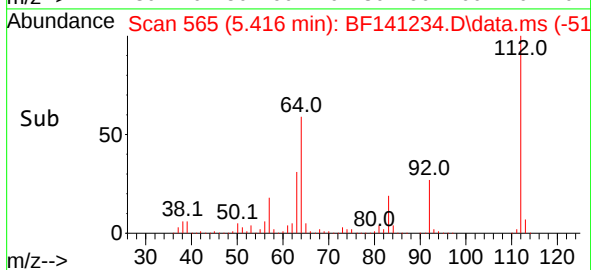
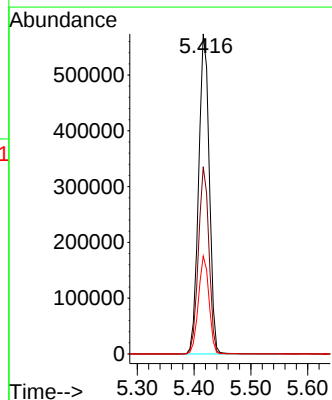
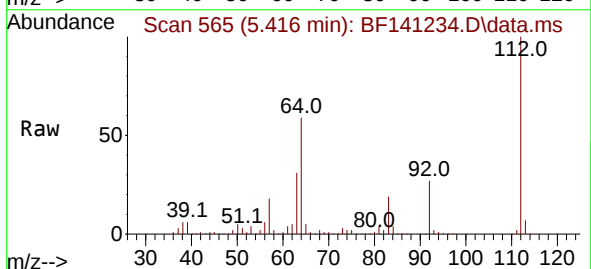
Instrument :
BNA_F
ClientSampleId :
HD-1-011725

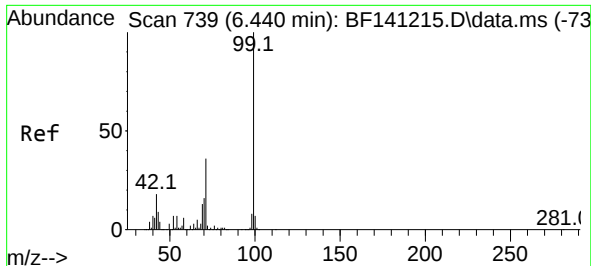
Tgt Ion:152 Resp: 153542
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.8
115 63.6 51.4 77.2



#5
2-Fluorophenol
Concen: 75.911 ng
RT: 5.416 min Scan# 565
Delta R.T. -0.012 min
Lab File: BF141234.D
Acq: 21 Jan 2025 14:28

Tgt Ion:112 Resp: 754495
Ion Ratio Lower Upper
112 100
64 58.5 47.3 70.9
63 30.6 24.2 36.2

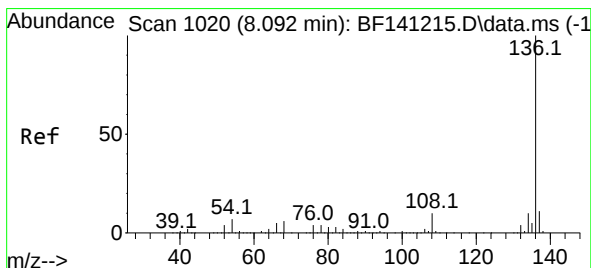
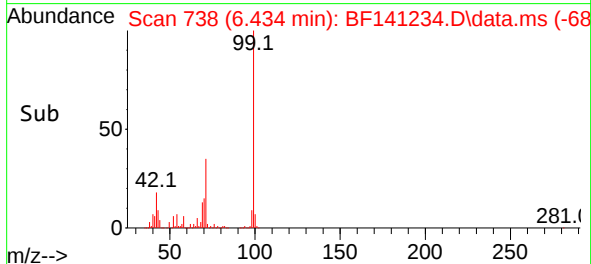
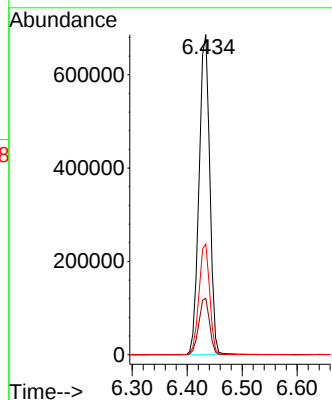
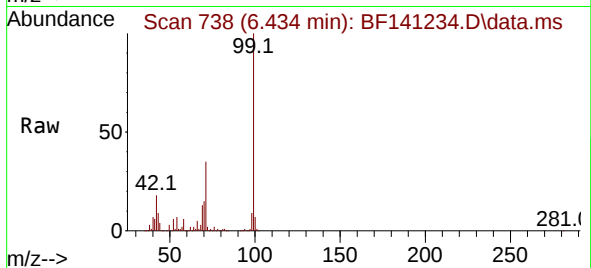




#7
Phenol-d6
Concen: 74.124 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141234.D
Acq: 21 Jan 2025 14:28

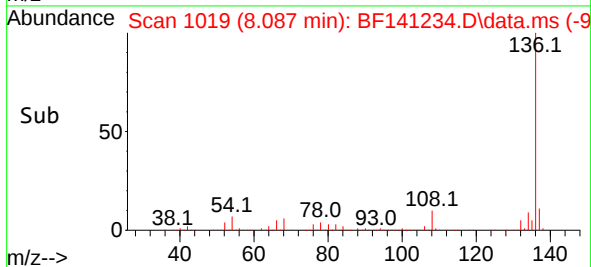
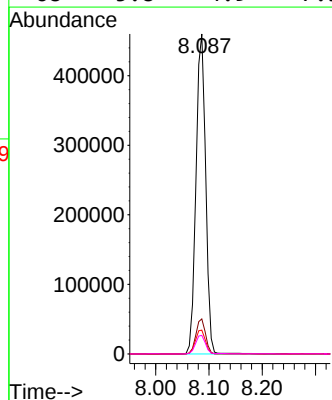
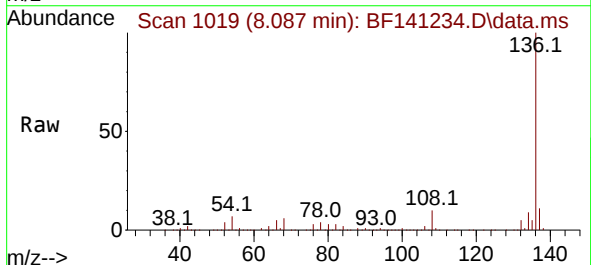
Instrument :
BNA_F
ClientSampleId :
HD-1-011725

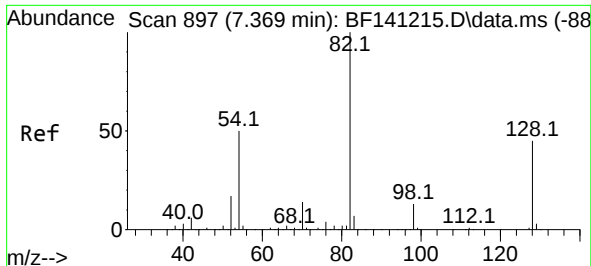
Tgt Ion: 99 Resp: 933231
Ion Ratio Lower Upper
99 100
42 17.6 15.0 22.4
71 34.6 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141234.D
Acq: 21 Jan 2025 14:28

Tgt Ion: 136 Resp: 581523
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.5 6.3 9.5
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 54.013 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.023 min

Lab File: BF141234.D

Acq: 21 Jan 2025 14:28

Instrument :

BNA_F

ClientSampleId :

HD-1-011725

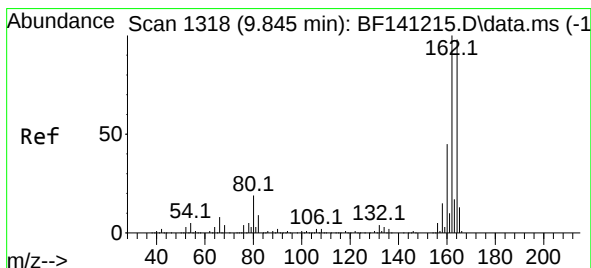
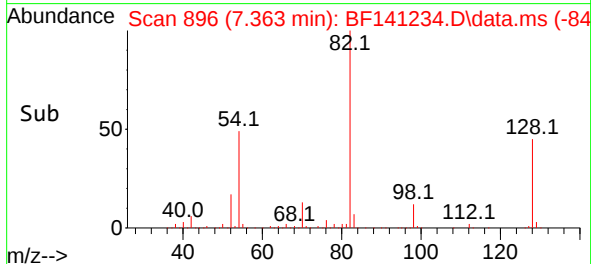
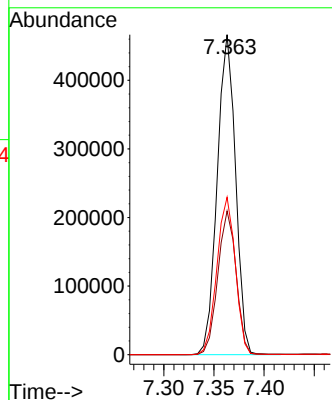
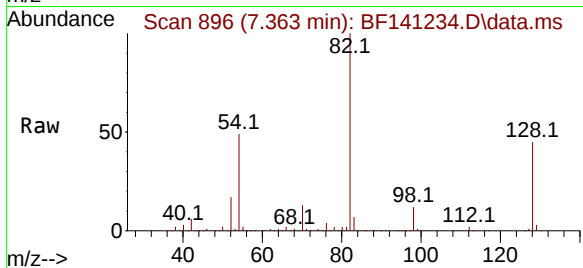
Tgt Ion: 82 Resp: 592547

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

54 49.2 41.0 61.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1317

Delta R.T. -0.023 min

Lab File: BF141234.D

Acq: 21 Jan 2025 14:28

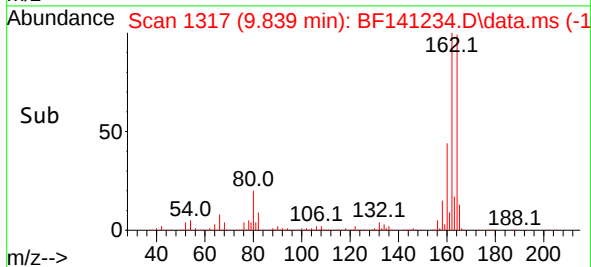
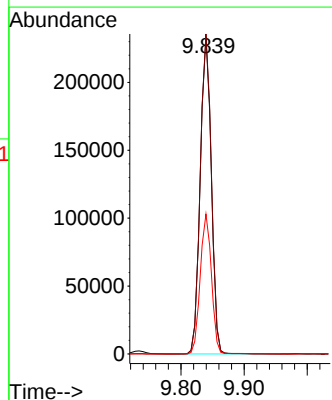
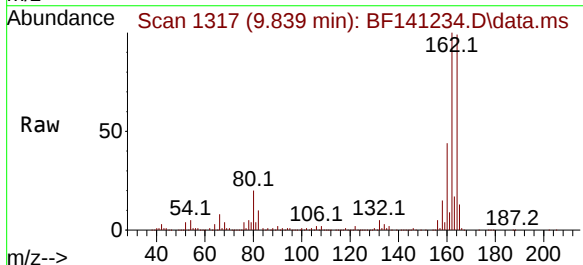
Tgt Ion:164 Resp: 284638

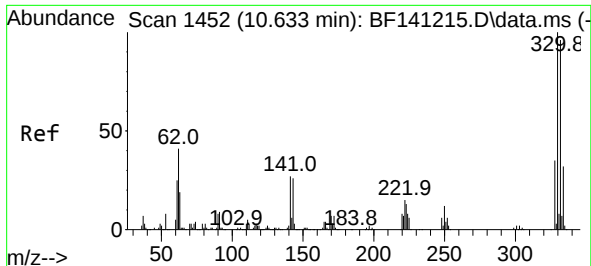
Ion Ratio Lower Upper

164 100

162 100.8 81.0 121.4

160 44.1 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 72.700 ng

RT: 10.628 min Scan# 1451

Delta R.T. -0.024 min

Lab File: BF141234.D

Acq: 21 Jan 2025 14:28

Instrument :

BNA_F

ClientSampleId :

HD-1-011725

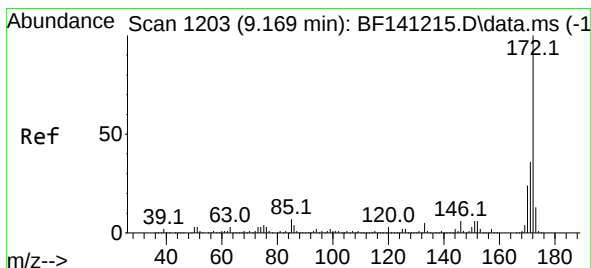
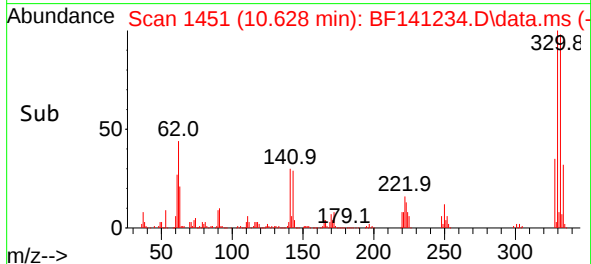
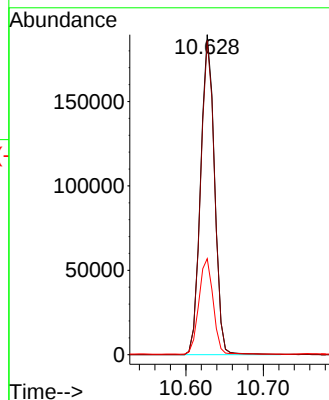
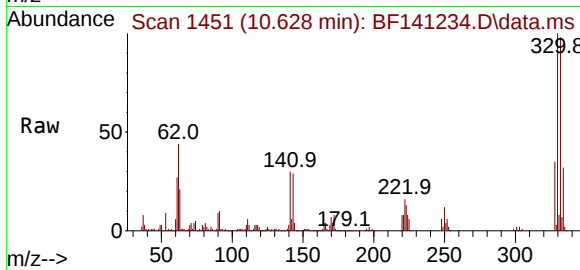
Tgt Ion:330 Resp: 235785

Ion Ratio Lower Upper

330 100

332 98.4 76.9 115.3

141 30.5 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 56.727 ng

RT: 9.163 min Scan# 1202

Delta R.T. -0.018 min

Lab File: BF141234.D

Acq: 21 Jan 2025 14:28

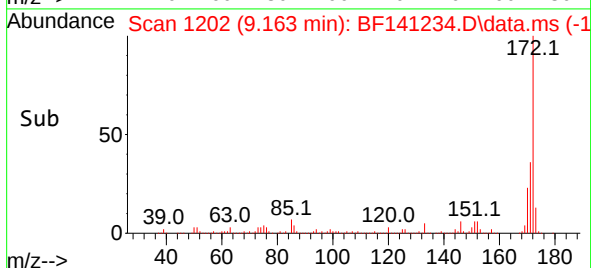
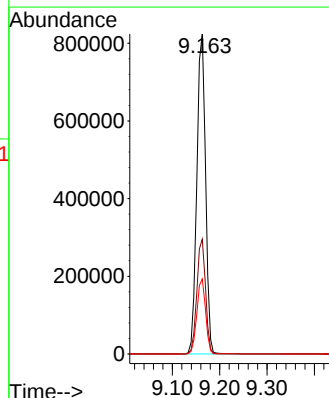
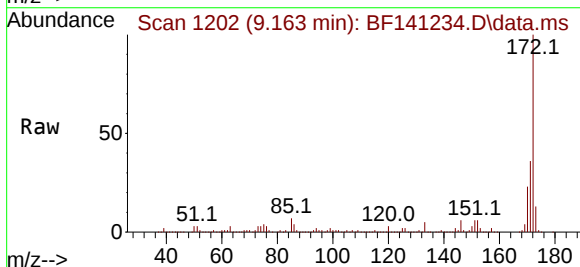
Tgt Ion:172 Resp: 1057386

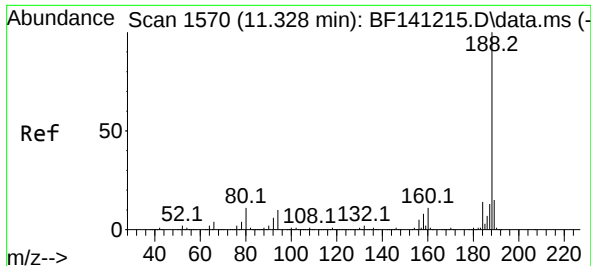
Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 23.5 19.0 28.6

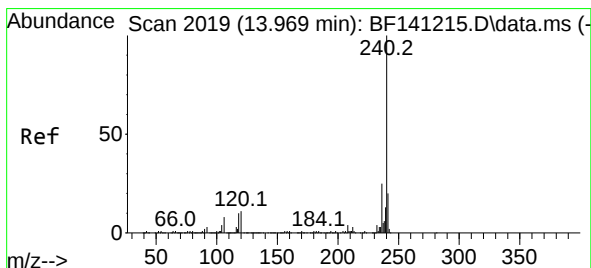
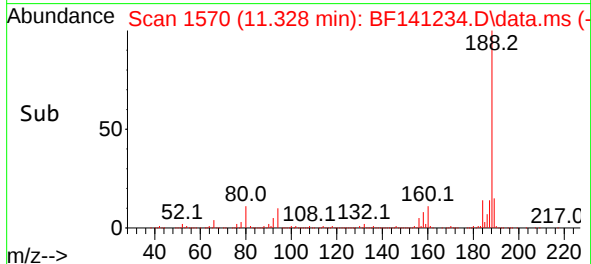
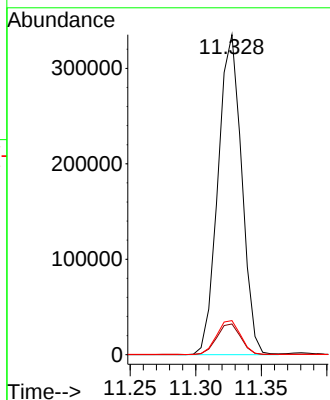
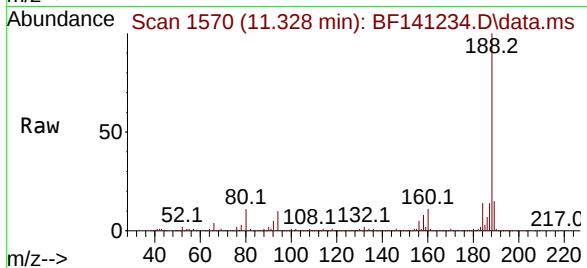




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141234.D
Acq: 21 Jan 2025 14:28

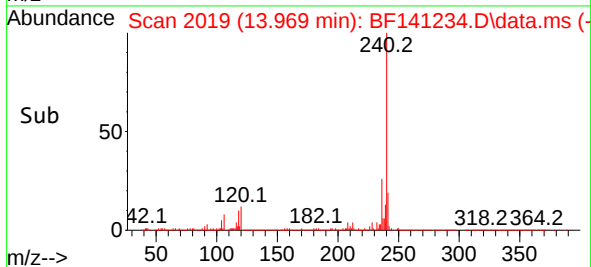
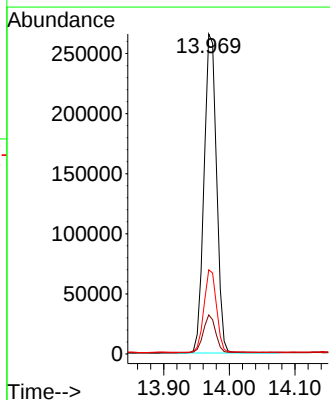
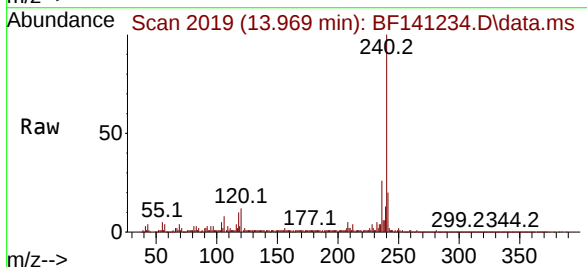
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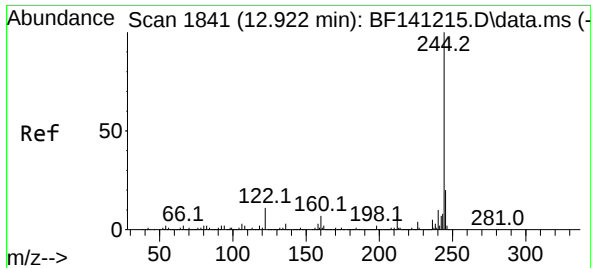
Tgt Ion:188 Resp: 420070
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 10.7 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF141234.D
Acq: 21 Jan 2025 14:28

Tgt Ion:240 Resp: 354896
Ion Ratio Lower Upper
240 100
120 12.2 9.1 13.7
236 26.3 19.8 29.6

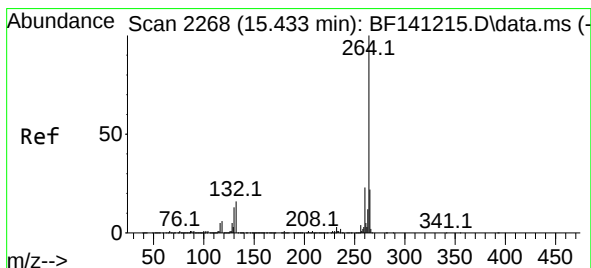
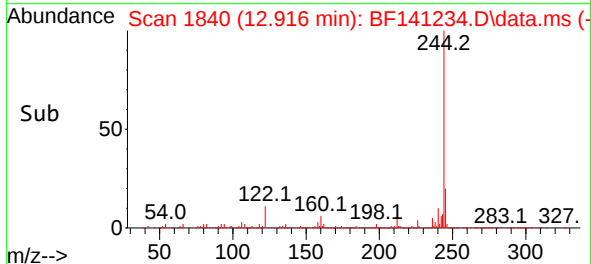
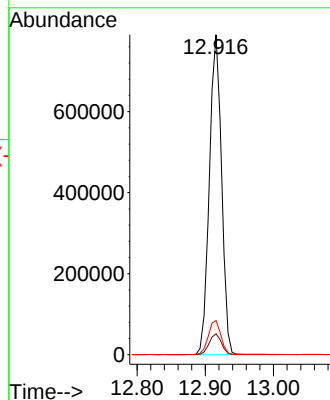
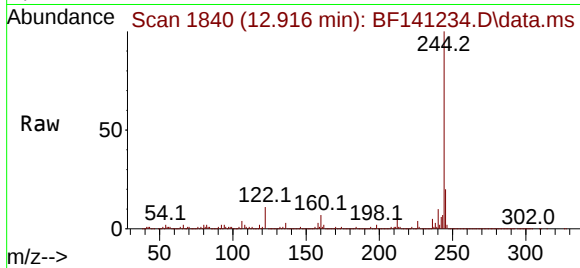




#79
 Terphenyl-d14
 Concen: 41.081 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.018 min
 Lab File: BF141234.D
 Acq: 21 Jan 2025 14:28

Instrument :
 BNA_F
 ClientSampleId :
 HD-1-011725

Tgt Ion:244 Resp: 980933
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.7 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2270
 Delta R.T. 0.006 min
 Lab File: BF141234.D
 Acq: 21 Jan 2025 14:28

Tgt Ion:264 Resp: 284702
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.6 28.0
 265 22.7 17.4 26.0

