

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137022.D
 Acq On : 10 Jan 2024 16:20
 Operator : CG\JU
 Sample : P1085-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Jan 10 16:54:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

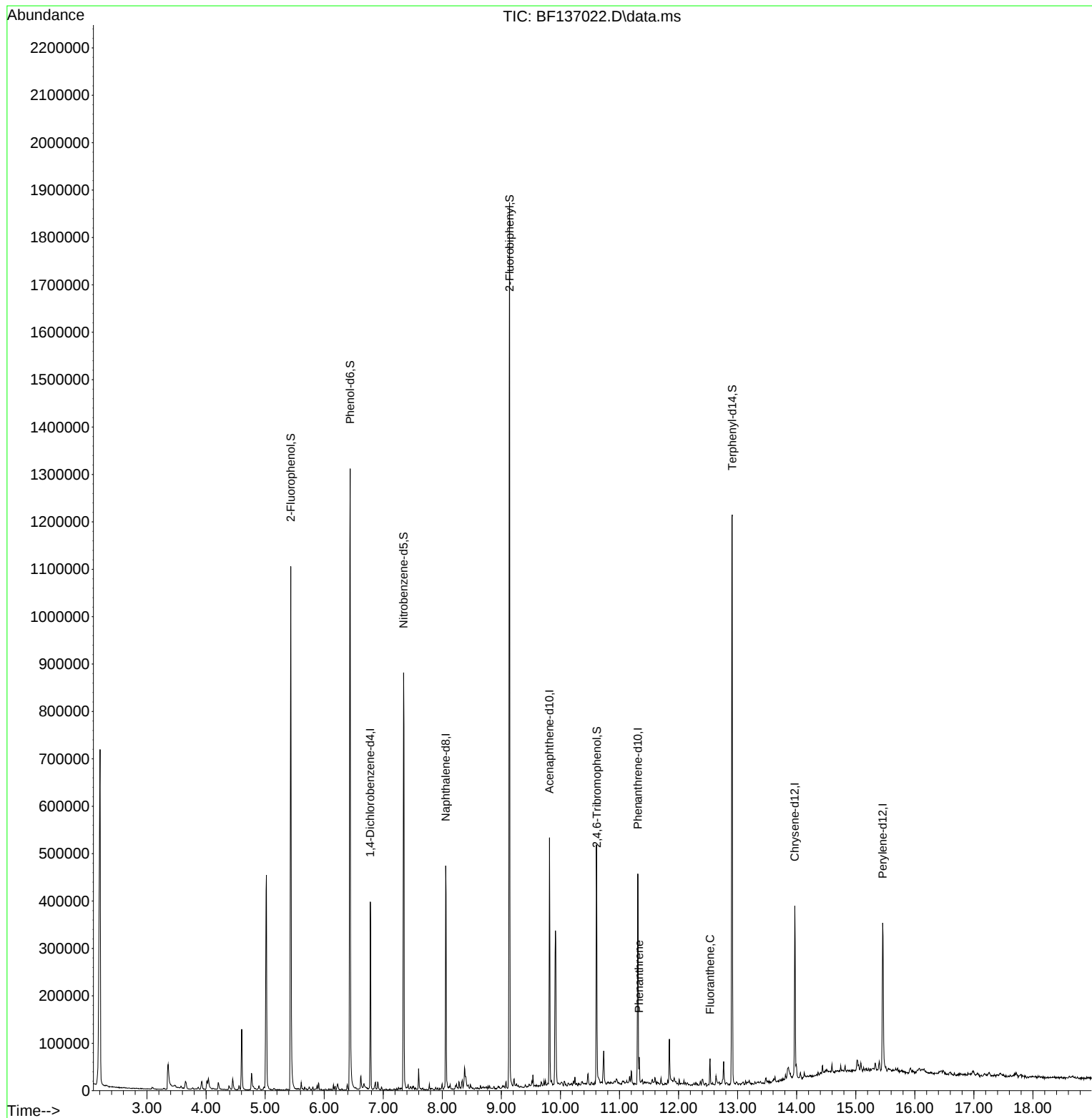
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	57680	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	208907	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	98456	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	159017	20.000	ng	0.00
76) Chrysene-d12	13.968	240	120385	20.000	ng	0.00
86) Perylene-d12	15.457	264	148733	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	297759	80.546	ng	0.00
7) Phenol-d6	6.439	99	466419	97.371	ng	0.00
23) Nitrobenzene-d5	7.345	82	294808	72.212	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	64726	55.820	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	558511	76.297	ng	-0.01
79) Terphenyl-d14	12.910	244	457189	53.072	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.333	178	17458	2.140	ng	98
75) Fluoranthene	12.533	202	21181	2.427	ng	96

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

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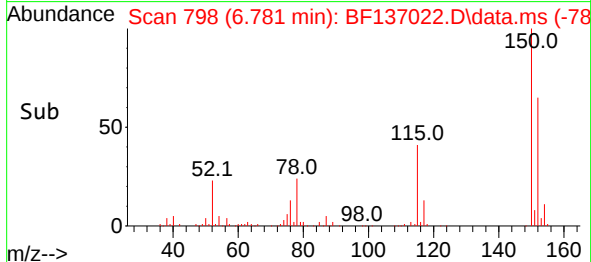
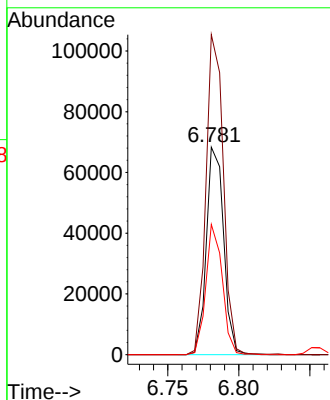
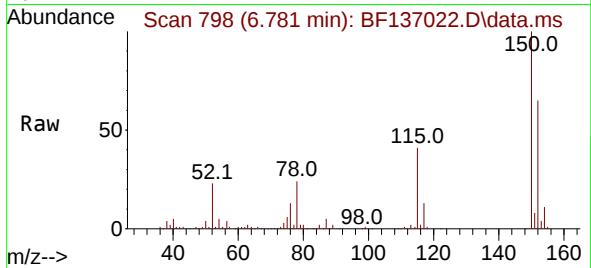




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137022.D
Acq: 10 Jan 2024 16:20

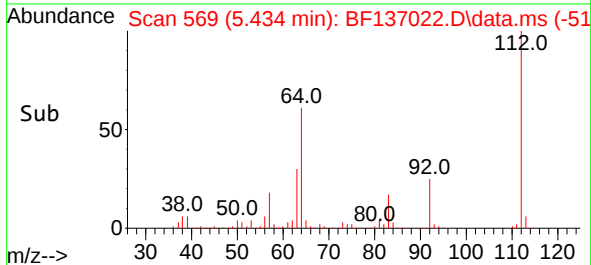
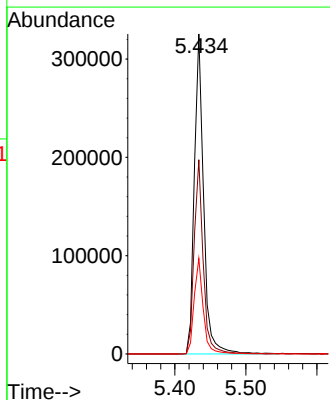
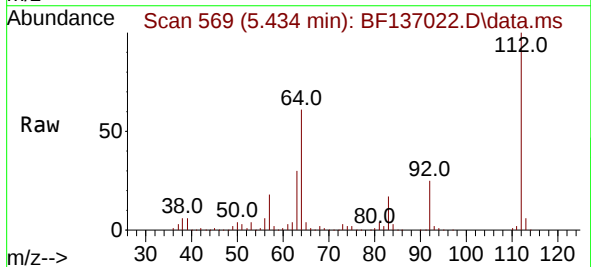
Instrument :
BNA_F
ClientSampleId :
TP-4

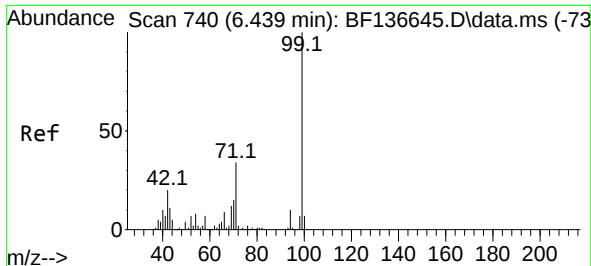
Tgt Ion:152 Resp: 57680
Ion Ratio Lower Upper
152 100
150 154.2 127.0 190.6
115 62.7 49.0 73.4



#5
2-Fluorophenol
Concen: 80.546 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF137022.D
Acq: 10 Jan 2024 16:20

Tgt Ion:112 Resp: 297759
Ion Ratio Lower Upper
112 100
64 60.7 51.1 76.7
63 29.9 26.1 39.1





#7

Phenol-d6

Concen: 97.371 ng

RT: 6.439 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF137022.D

Acq: 10 Jan 2024 16:20

Instrument :

BNA_F

ClientSampleId :

TP-4

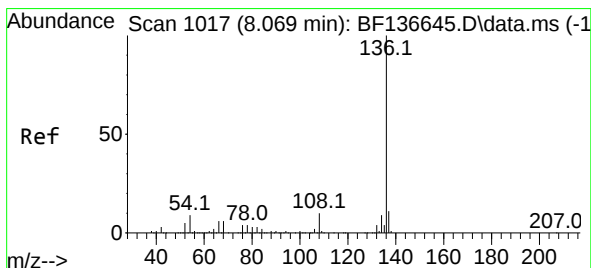
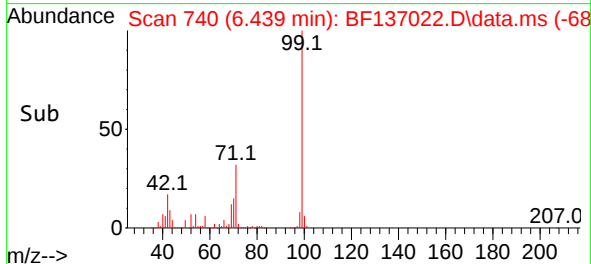
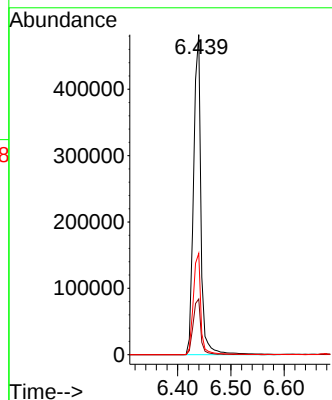
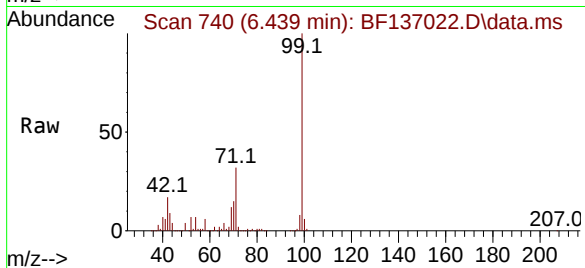
Tgt Ion: 99 Resp: 466419

Ion Ratio Lower Upper

99 100

42 17.4 16.1 24.1

71 31.7 27.4 41.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF137022.D

Acq: 10 Jan 2024 16:20

Tgt Ion:136 Resp: 208907

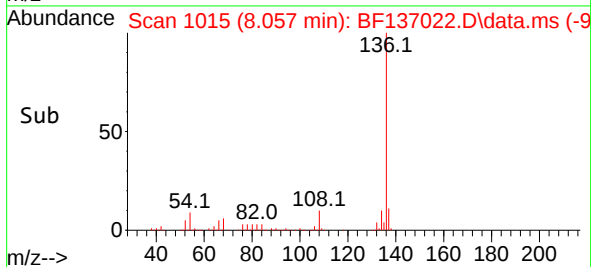
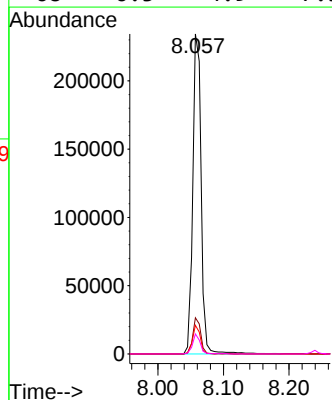
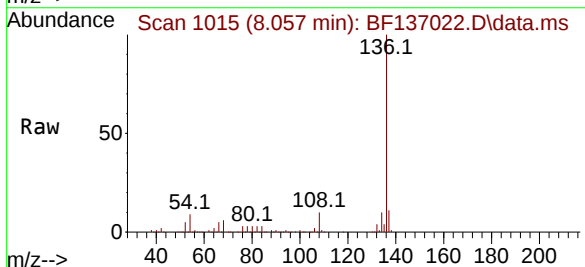
Ion Ratio Lower Upper

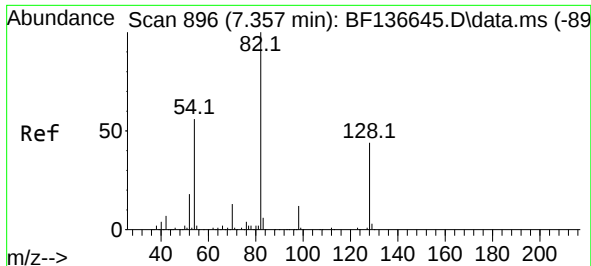
136 100

137 11.3 9.0 13.4

54 9.0 7.2 10.8

68 6.3 4.9 7.3





#23

Nitrobenzene-d5

Concen: 72.212 ng

RT: 7.345 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF137022.D

Acq: 10 Jan 2024 16:20

Instrument :

BNA_F

ClientSampleId :

TP-4

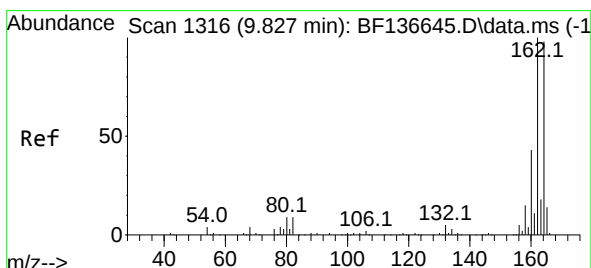
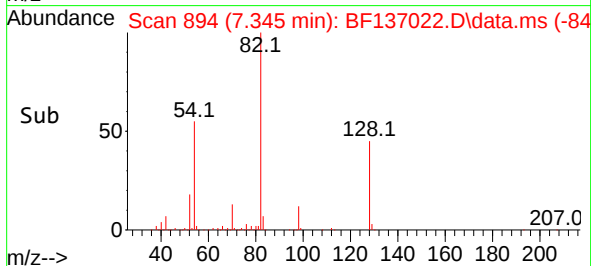
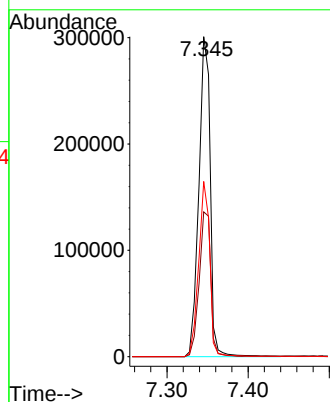
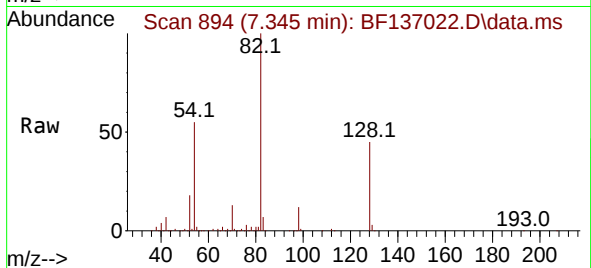
Tgt Ion: 82 Resp: 294808

Ion Ratio Lower Upper

82 100

128 45.2 35.3 52.9

54 54.8 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF137022.D

Acq: 10 Jan 2024 16:20

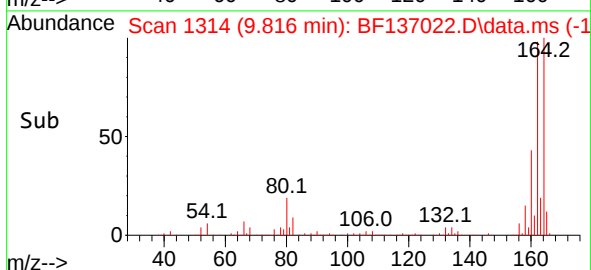
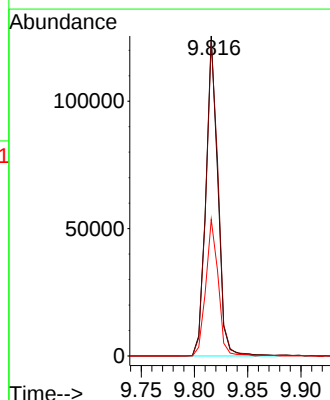
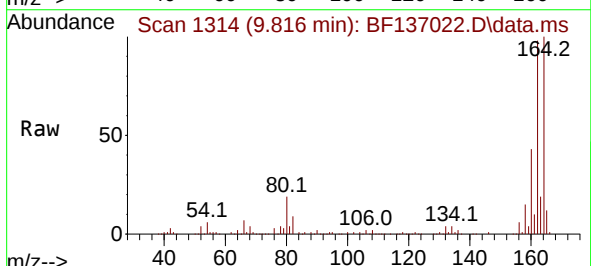
Tgt Ion:164 Resp: 98456

Ion Ratio Lower Upper

164 100

162 98.4 81.6 122.4

160 42.7 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 55.820 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137022.D

Acq: 10 Jan 2024 16:20

Instrument :

BNA_F

ClientSampleId :

TP-4

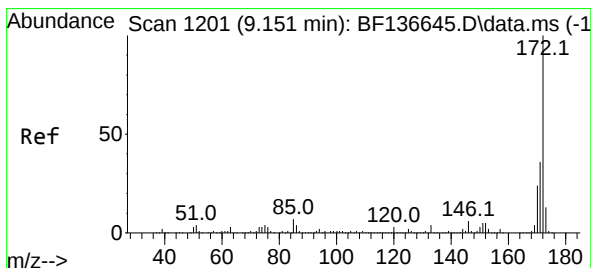
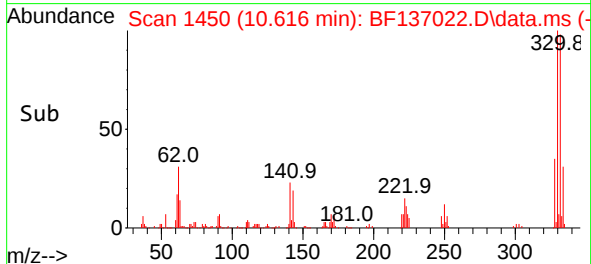
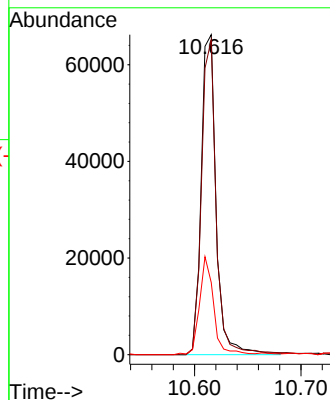
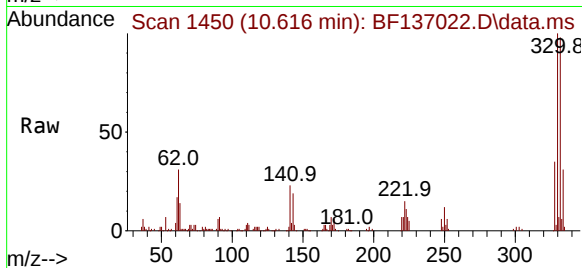
Tgt Ion:330 Resp: 64726

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

141 28.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 76.297 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF137022.D

Acq: 10 Jan 2024 16:20

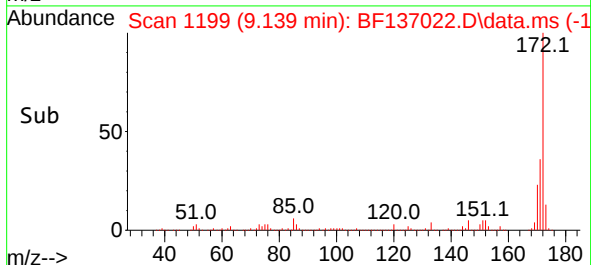
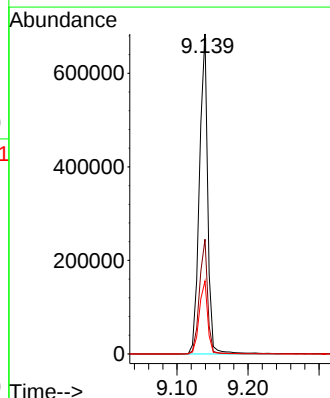
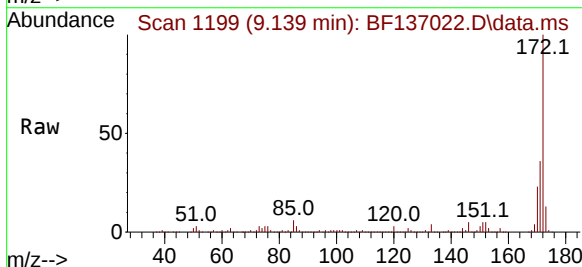
Tgt Ion:172 Resp: 558511

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

170 22.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF137022.D

Acq: 10 Jan 2024 16:20

Instrument :

BNA_F

ClientSampleId :

TP-4

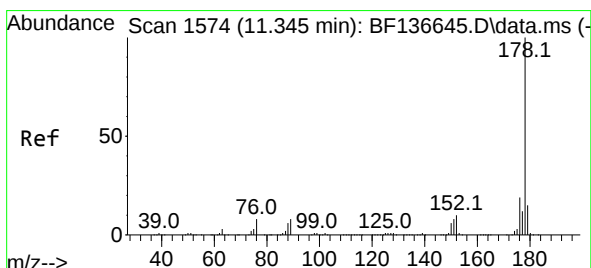
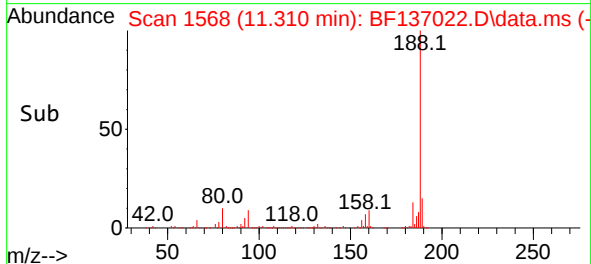
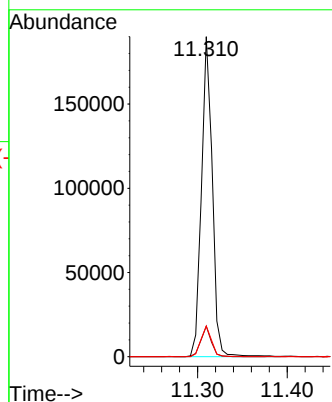
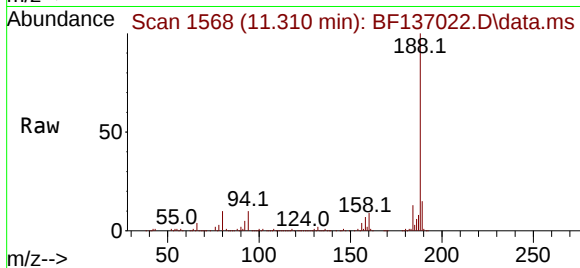
Tgt Ion:188 Resp: 159017

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 9.6 8.1 12.1



#71

Phenanthrene

Concen: 2.140 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF137022.D

Acq: 10 Jan 2024 16:20

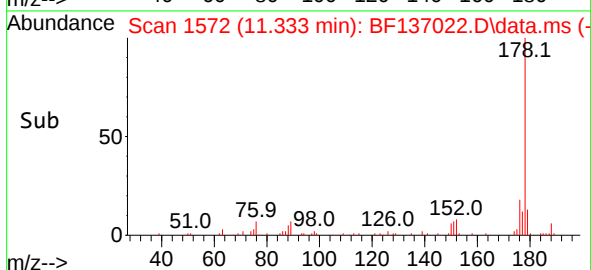
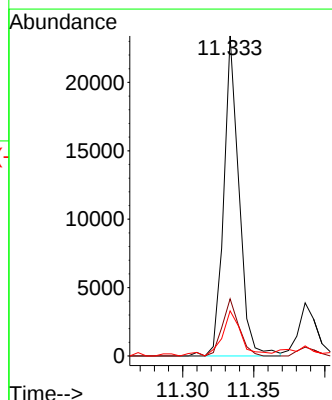
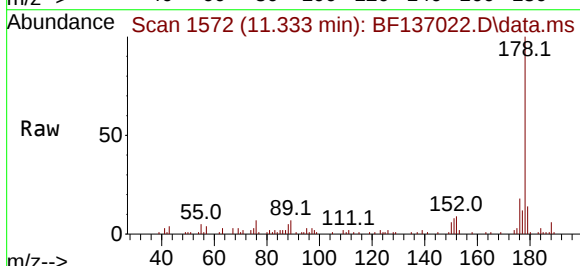
Tgt Ion:178 Resp: 17458

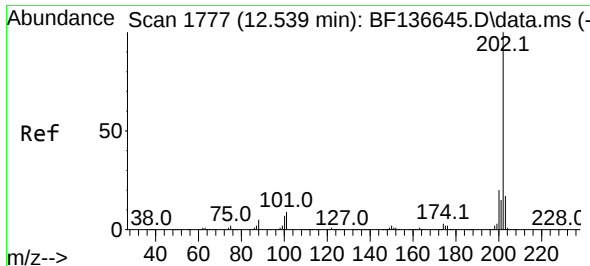
Ion Ratio Lower Upper

178 100

176 17.9 15.3 22.9

179 14.1 11.9 17.9

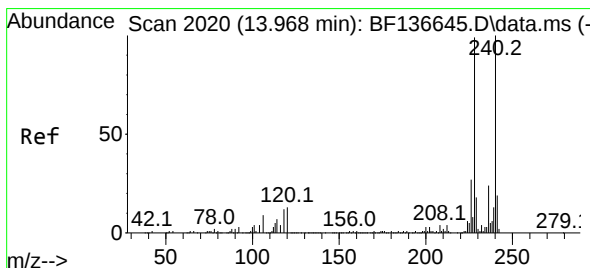
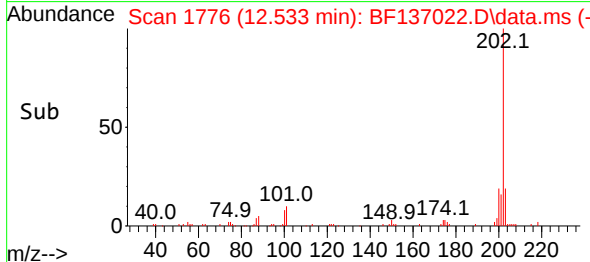
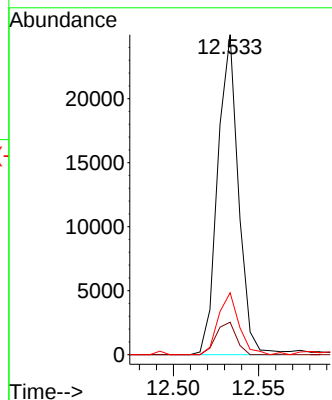
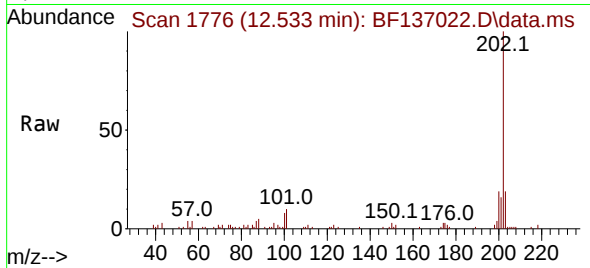




#75
Fluoranthene
Concen: 2.427 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137022.D
Acq: 10 Jan 2024 16:20

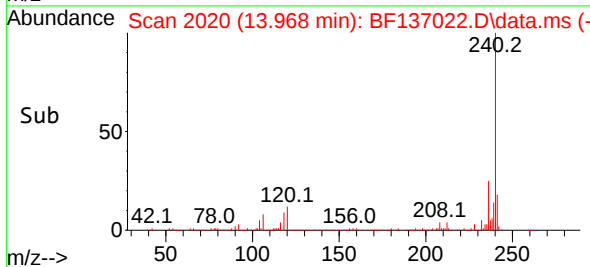
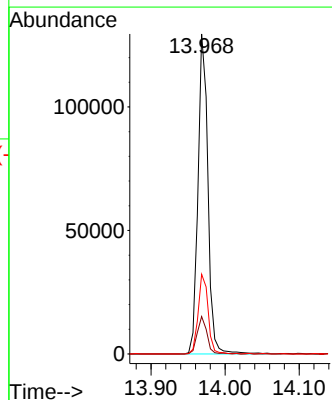
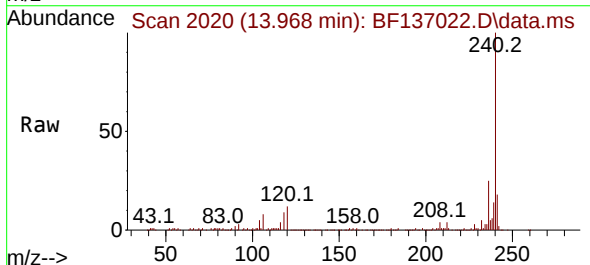
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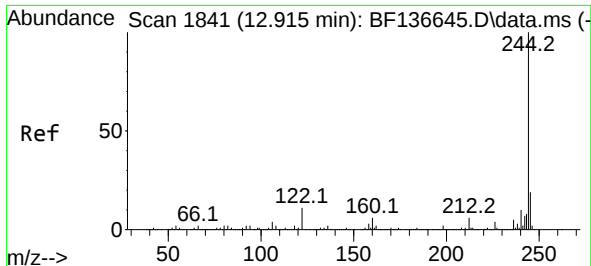
Tgt Ion:202 Resp: 21181
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.3
203 19.3 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF137022.D
Acq: 10 Jan 2024 16:20

Tgt Ion:240 Resp: 120385
Ion Ratio Lower Upper
240 100
120 11.7 10.3 15.5
236 24.9 19.4 29.2

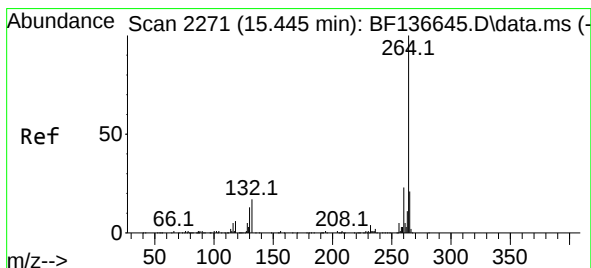
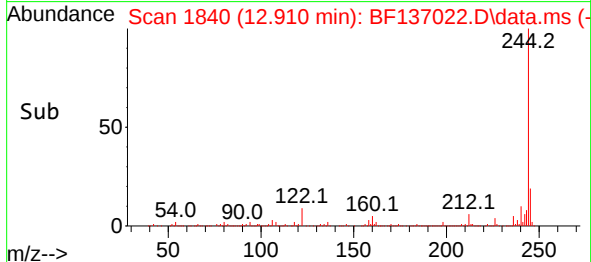
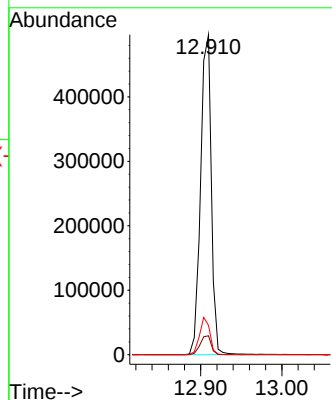
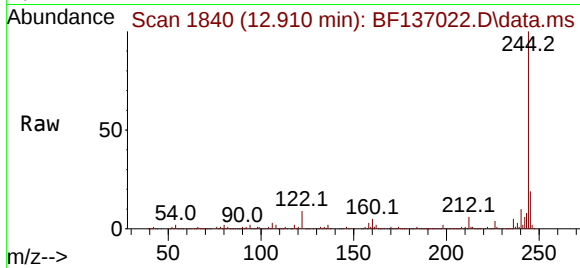




#79
 Terphenyl-d14
 Concen: 53.072 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137022.D
 Acq: 10 Jan 2024 16:20

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 457189
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.0 7.4
 122 9.2 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.012 min
 Lab File: BF137022.D
 Acq: 10 Jan 2024 16:20

Tgt Ion:264 Resp: 148733
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.3 27.5
 265 21.3 17.0 25.6

