

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
 Data File : BF137070.D
 Acq On : 15 Jan 2024 18:37
 Operator : CG\JU
 Sample : P1140-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-309-37-39

Quant Time: Jan 16 02:02:30 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)

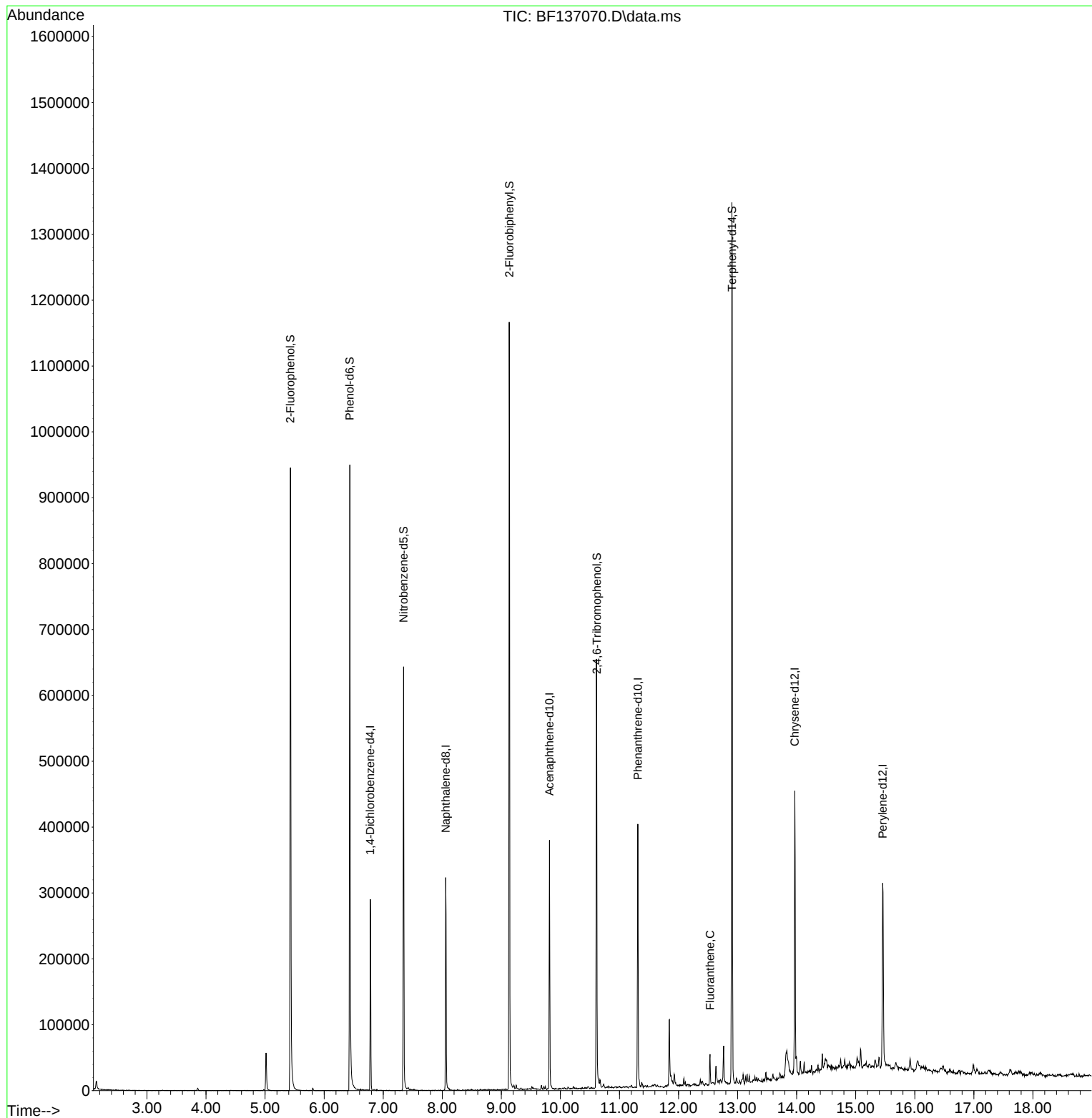
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	41644	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	143218	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	69447	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	139909	20.000	ng	0.00
76) Chrysene-d12	13.969	240	138652	20.000	ng	0.00
86) Perylene-d12	15.457	264	133397	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	260153	97.472	ng	0.00
7) Phenol-d6	6.434	99	307908	89.032	ng	0.00
23) Nitrobenzene-d5	7.346	82	182135	65.076	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	88340	108.009	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	372735	72.188	ng	-0.02
79) Terphenyl-d14	12.904	244	503188	50.716	ng	-0.01
Target Compounds						
75) Fluoranthene	12.533	202	17592	2.291	ng	Qvalue 96

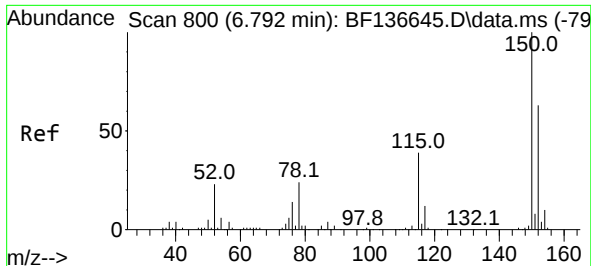
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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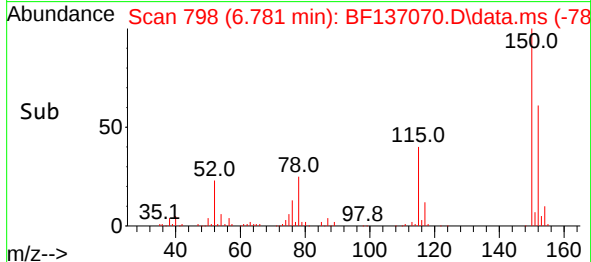
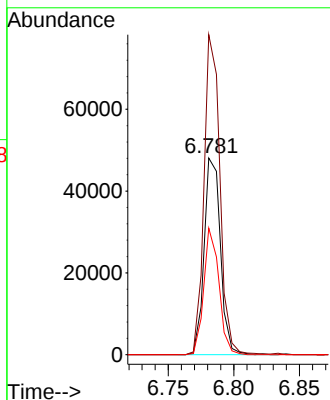
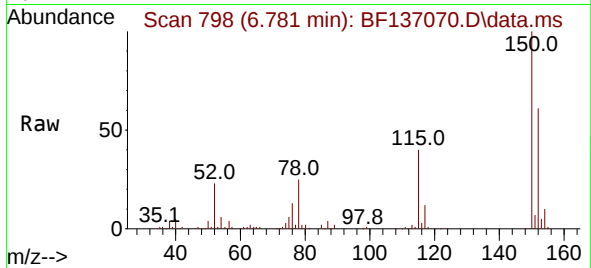




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137070.D
Acq: 15 Jan 2024 18:37

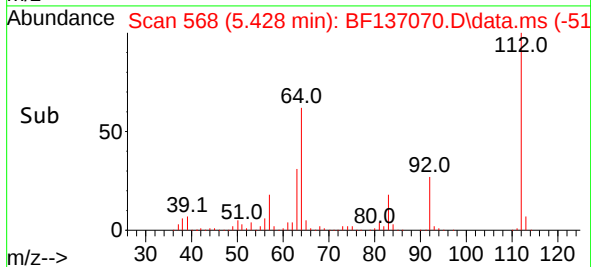
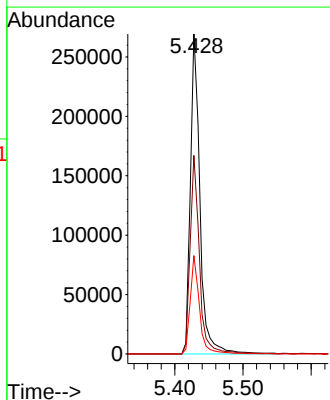
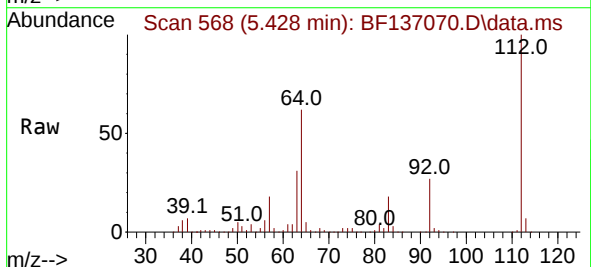
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39

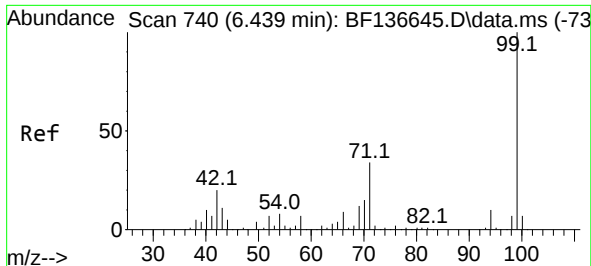
Tgt Ion:152 Resp: 41644
Ion Ratio Lower Upper
152 100
150 162.7 127.0 190.6
115 64.3 49.0 73.4



#5
2-Fluorophenol
Concen: 97.472 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF137070.D
Acq: 15 Jan 2024 18:37

Tgt Ion:112 Resp: 260153
Ion Ratio Lower Upper
112 100
64 62.1 51.1 76.7
63 30.7 26.1 39.1





#7

Phenol-d6

Concen: 89.032 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137070.D

Acq: 15 Jan 2024 18:37

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39

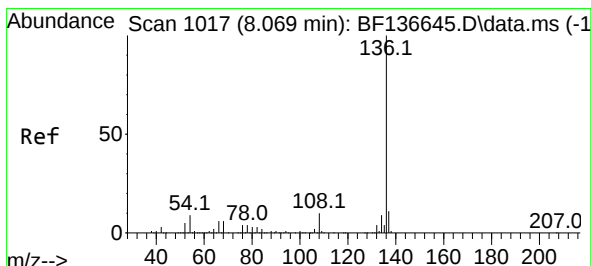
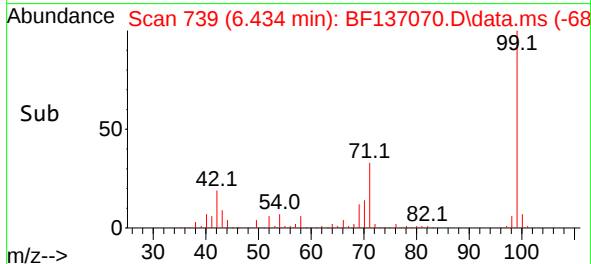
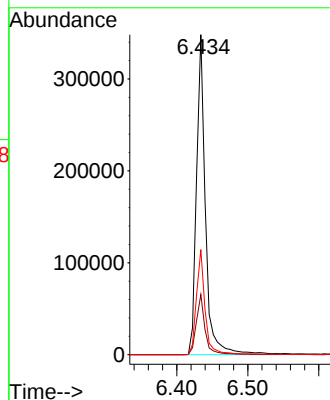
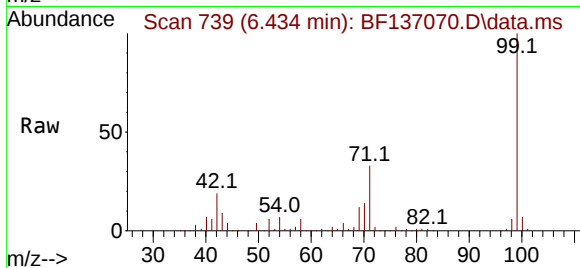
Tgt Ion: 99 Resp: 307908

Ion Ratio Lower Upper

99 100

42 18.8 16.1 24.1

71 32.9 27.4 41.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.011 min

Lab File: BF137070.D

Acq: 15 Jan 2024 18:37

Tgt Ion: 136 Resp: 143218

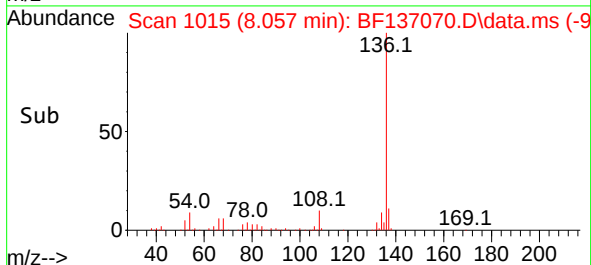
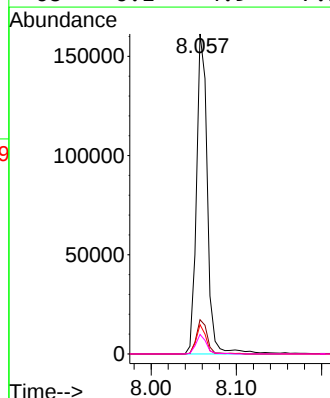
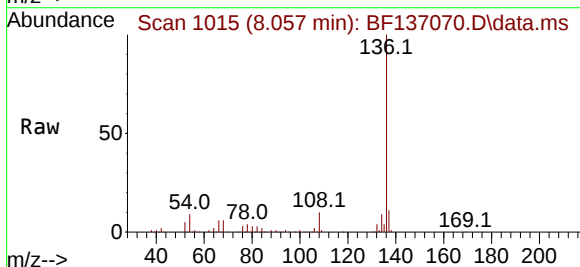
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 9.1 7.2 10.8

68 6.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 65.076 ng

RT: 7.346 min Scan# 896

Delta R.T. -0.011 min

Lab File: BF137070.D

Acq: 15 Jan 2024 18:37

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39

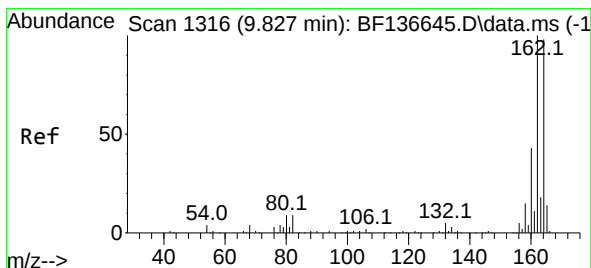
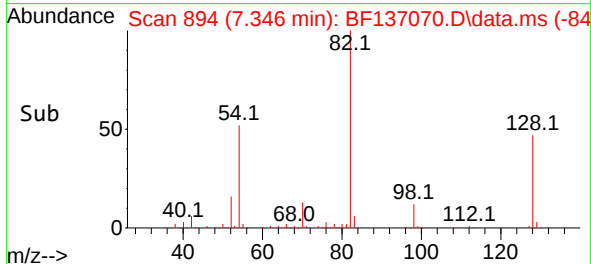
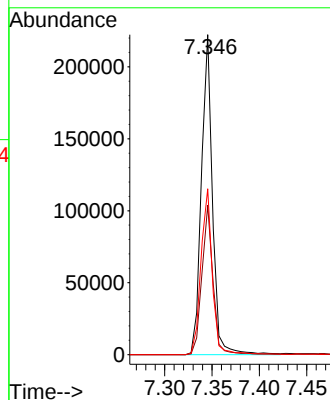
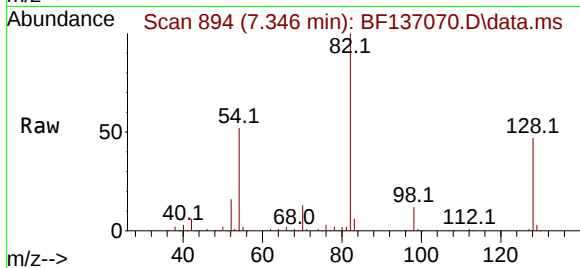
Tgt Ion: 82 Resp: 182135

Ion Ratio Lower Upper

82 100

128 46.7 35.3 52.9

54 51.8 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.011 min

Lab File: BF137070.D

Acq: 15 Jan 2024 18:37

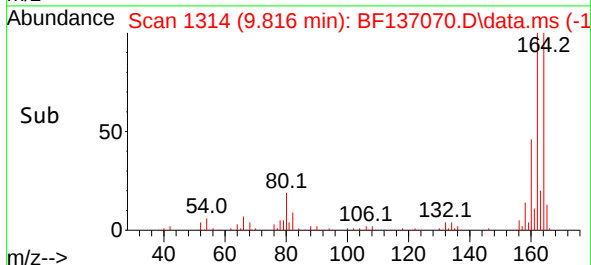
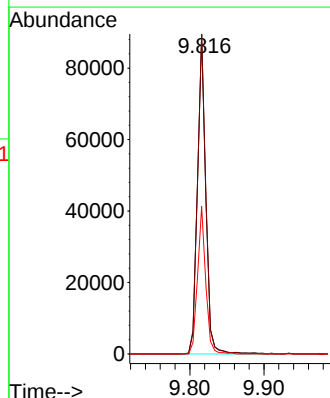
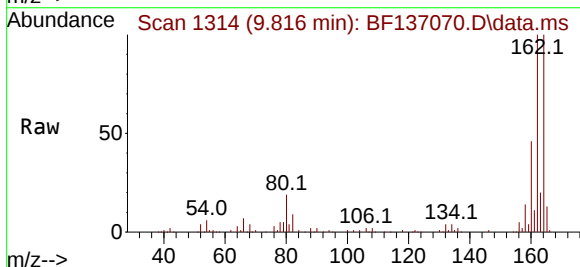
Tgt Ion:164 Resp: 69447

Ion Ratio Lower Upper

164 100

162 99.9 81.6 122.4

160 46.1 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 108.009 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137070.D

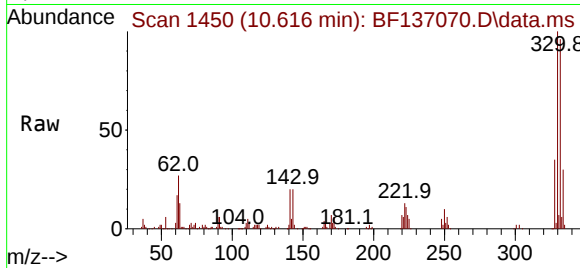
Acq: 15 Jan 2024 18:37

Instrument :

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ClientSampleId :

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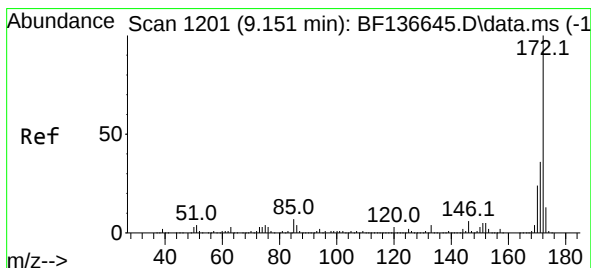
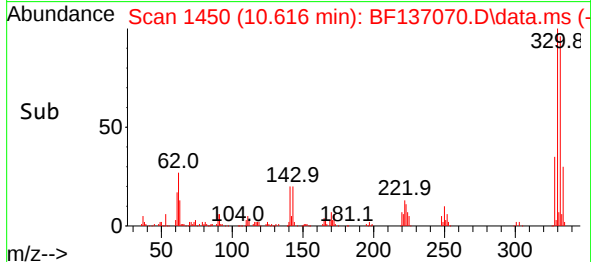
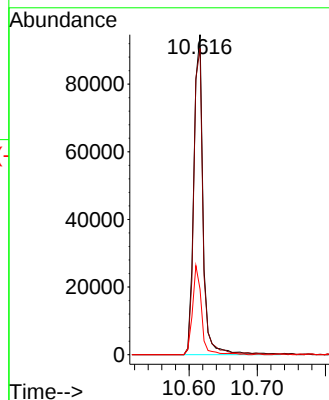
Tgt Ion:330 Resp: 88340

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

141 27.0 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 72.188 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.017 min

Lab File: BF137070.D

Acq: 15 Jan 2024 18:37

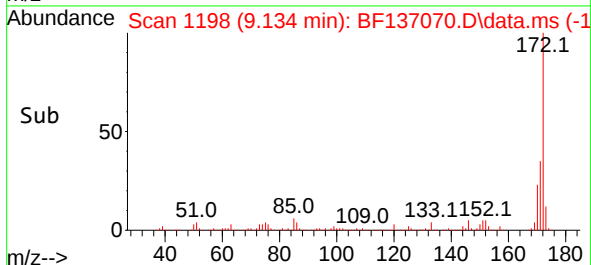
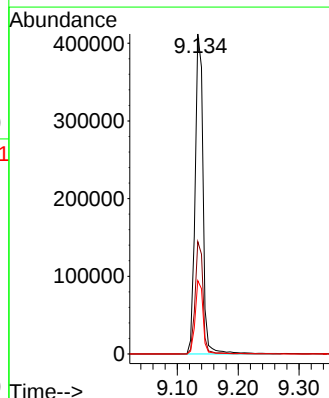
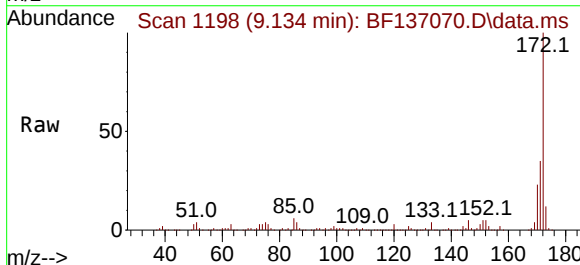
Tgt Ion:172 Resp: 372735

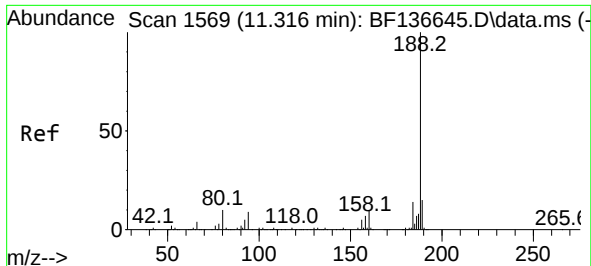
Ion Ratio Lower Upper

172 100

171 35.1 29.0 43.6

170 22.9 19.0 28.4

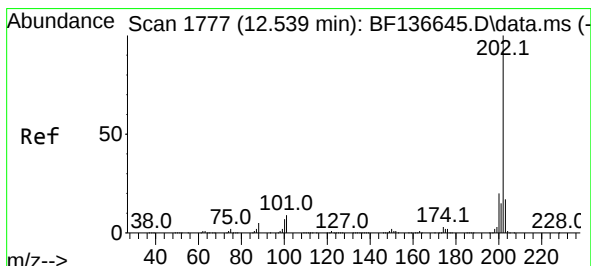
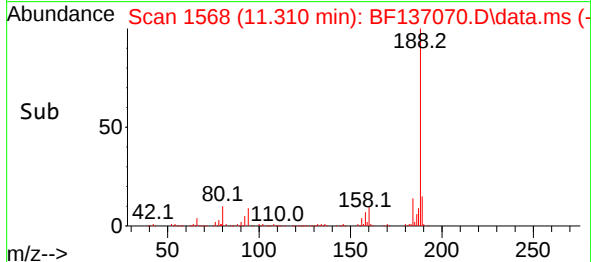
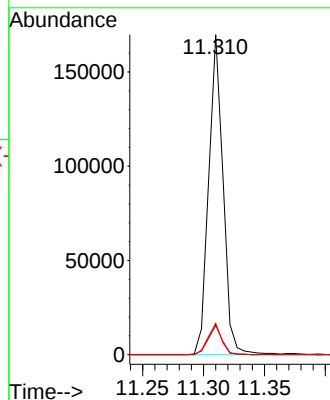
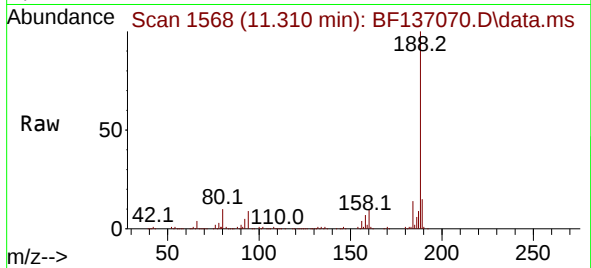




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137070.D
Acq: 15 Jan 2024 18:37

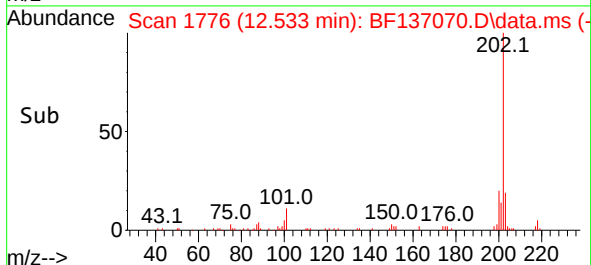
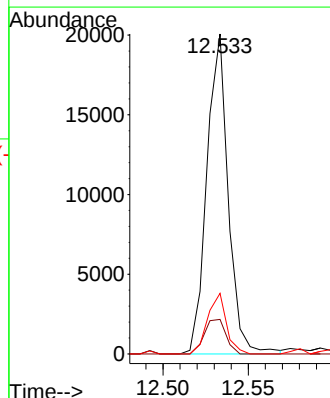
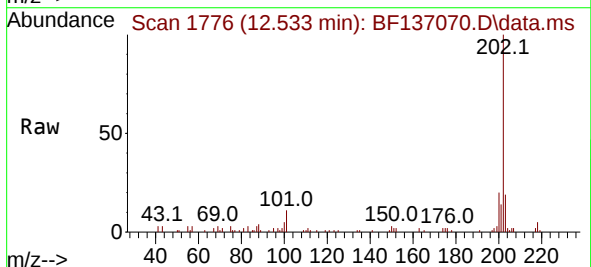
Instrument :
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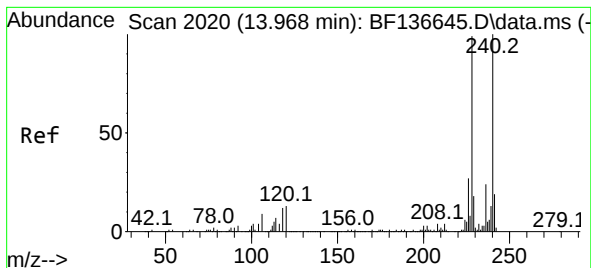
Tgt Ion:188 Resp: 139909
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 9.8 8.1 12.1



#75
Fluoranthene
Concen: 2.291 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF137070.D
Acq: 15 Jan 2024 18:37

Tgt Ion:202 Resp: 17592
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.3
203 18.9 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF137070.D

Acq: 15 Jan 2024 18:37

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39

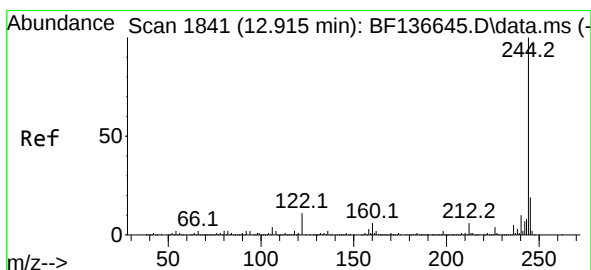
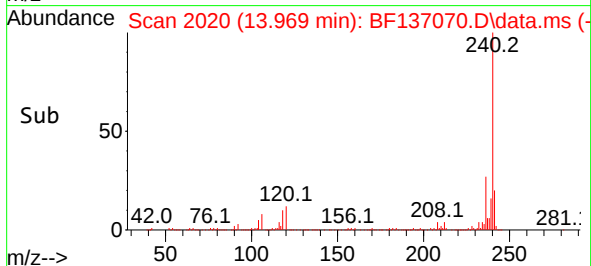
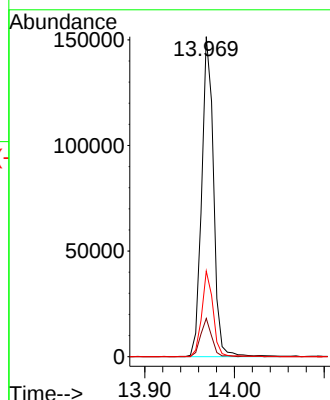
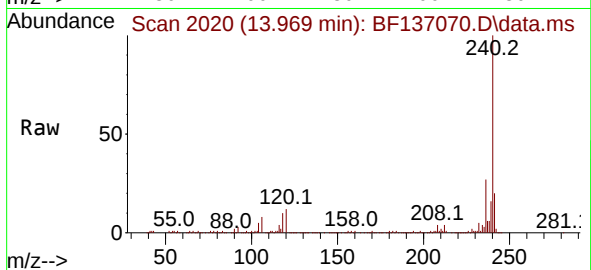
Tgt Ion:240 Resp: 138652

Ion Ratio Lower Upper

240 100

120 12.0 10.3 15.5

236 26.8 19.4 29.2



#79

Terphenyl-d14

Concen: 50.716 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.011 min

Lab File: BF137070.D

Acq: 15 Jan 2024 18:37

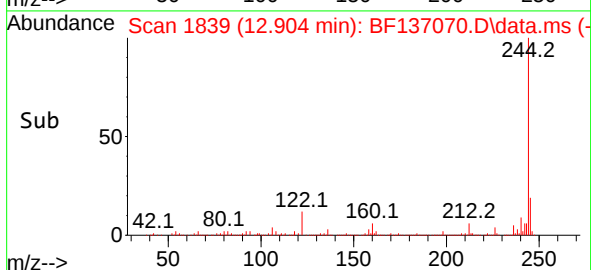
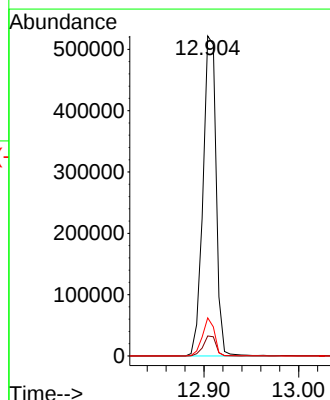
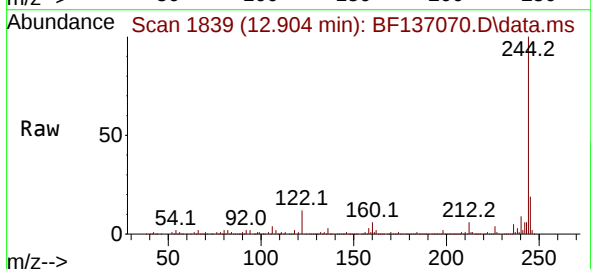
Tgt Ion:244 Resp: 503188

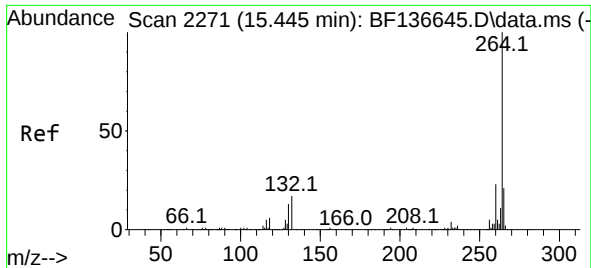
Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

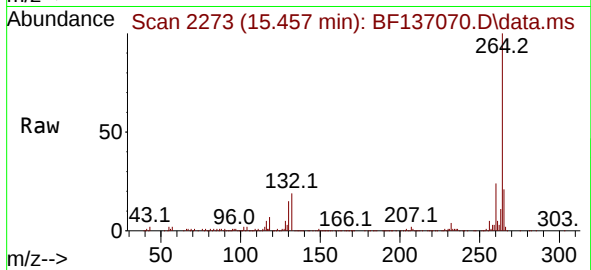
122 11.9 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF137070.D
 Acq: 15 Jan 2024 18:37

Instrument :
 BNA_F
 ClientSampleId :
 MR-309-37-39



Tgt Ion:264 Resp: 133397
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.3 27.5
 265 20.6 17.0 25.6

