

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
 Data File : BF137270.D
 Acq On : 05 Feb 2024 11:06
 Operator : CG\JU
 Sample : PB158784BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158784BL

Quant Time: Feb 05 11:43:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	58179	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	226237	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	137860	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	266648	20.000	ng	0.00
76) Chrysene-d12	13.969	240	199223	20.000	ng	0.00
86) Perylene-d12	15.451	264	157103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	546743	155.068	ng	0.02
7) Phenol-d6	6.434	99	709136	140.933	ng	0.00
23) Nitrobenzene-d5	7.357	82	474053	93.814	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	223248	143.390	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	882908	88.039	ng	0.00
79) Terphenyl-d14	12.922	244	1165118	79.505	ng	0.00

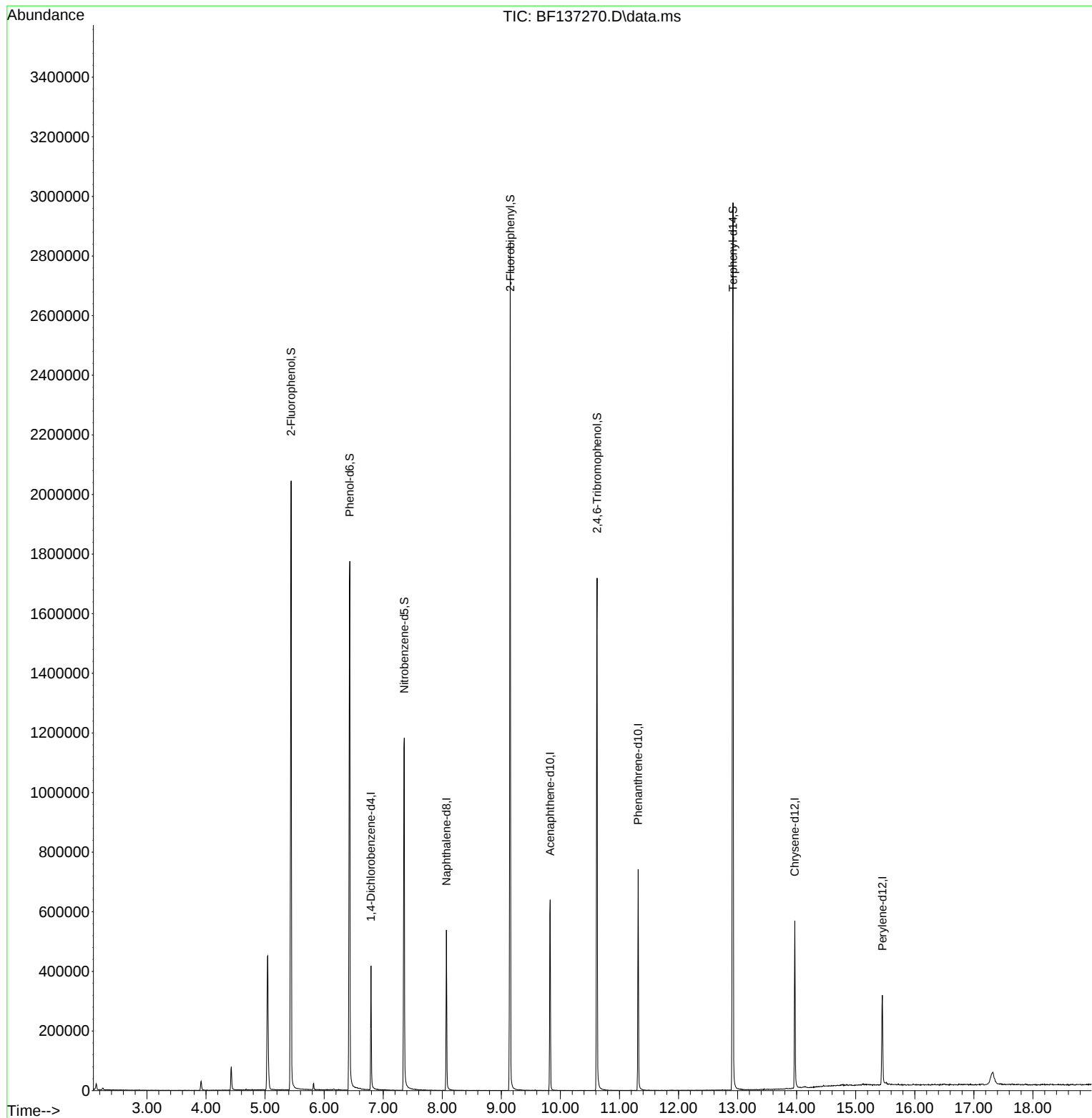
Target Compounds	Qvalue

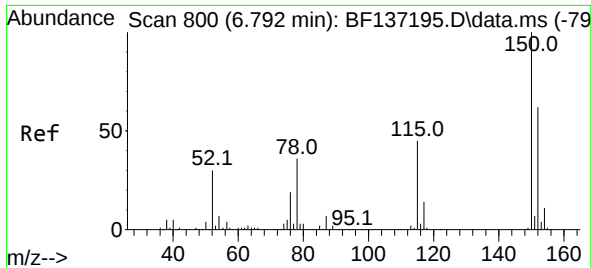
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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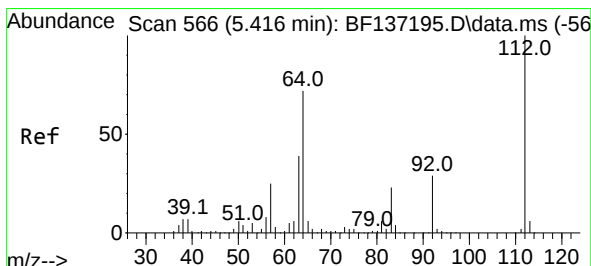
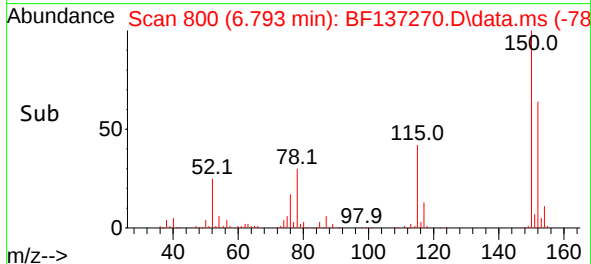
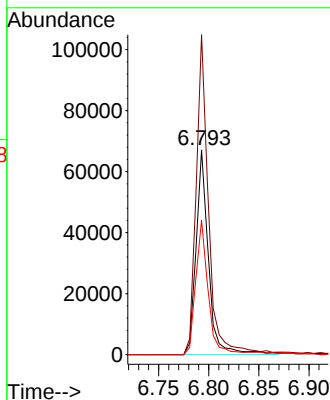
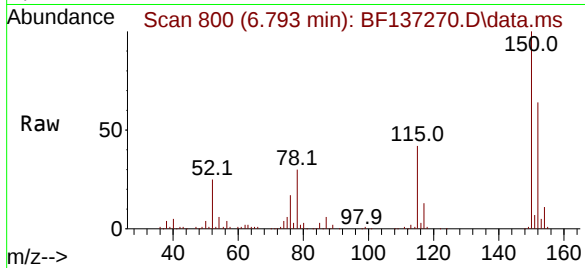




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF137270.D
Acq: 05 Feb 2024 11:06

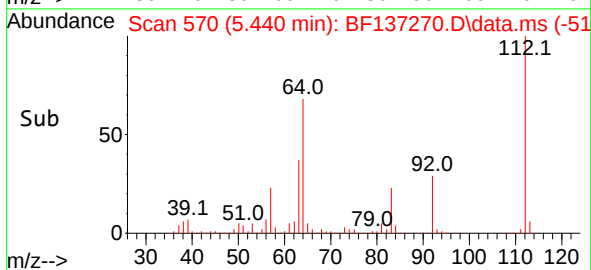
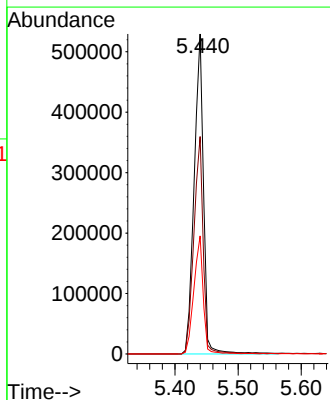
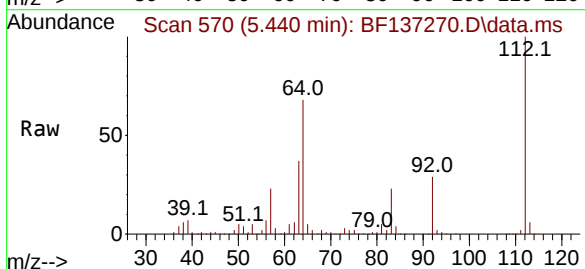
Instrument :
BNA_F
ClientSampleId :
PB158784BL

Tgt Ion:152 Resp: 58179
Ion Ratio Lower Upper
152 100
150 156.3 129.8 194.8
115 65.6 58.5 87.7



#5
2-Fluorophenol
Concen: 155.068 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.024 min
Lab File: BF137270.D
Acq: 05 Feb 2024 11:06

Tgt Ion:112 Resp: 546743
Ion Ratio Lower Upper
112 100
64 67.9 57.8 86.6
63 36.9 31.4 47.0

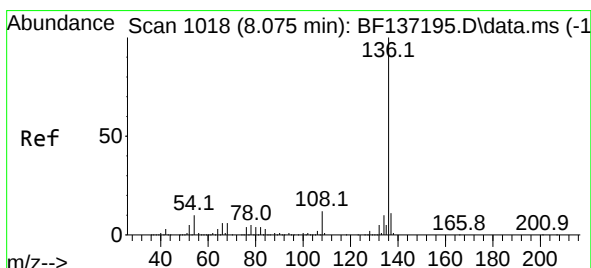
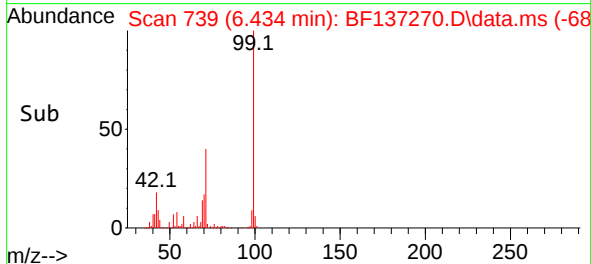
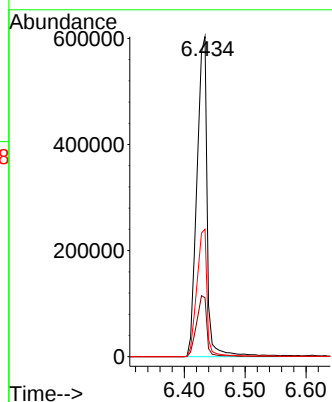
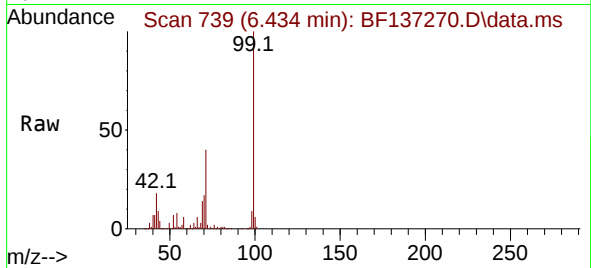




#7
Phenol-d6
Concen: 140.933 ng
RT: 6.434 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF137270.D
Acq: 05 Feb 2024 11:06

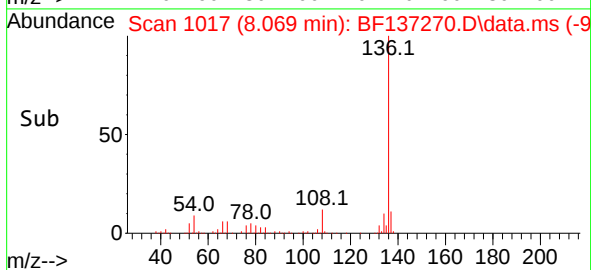
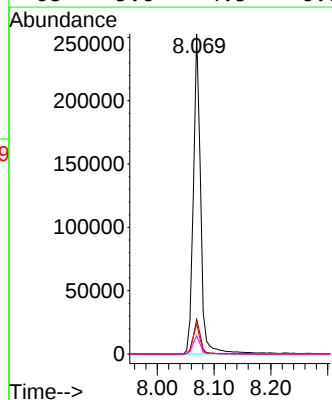
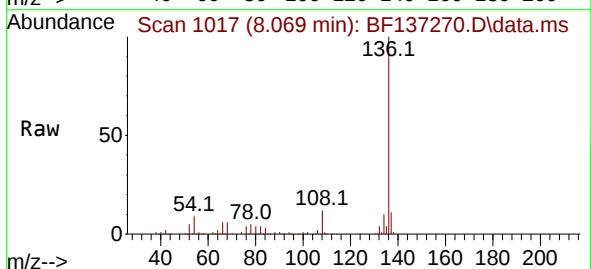
Instrument :
BNA_F
ClientSampleId :
PB158784BL

Tgt Ion: 99 Resp: 709136
Ion Ratio Lower Upper
99 100
42 18.5 16.4 24.6
71 39.9 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137270.D
Acq: 05 Feb 2024 11:06

Tgt Ion: 136 Resp: 226237
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.4 7.8 11.8
68 5.6 4.5 6.7





#23

Nitrobenzene-d5

Concen: 93.814 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF137270.D

Acq: 05 Feb 2024 11:06

Instrument :

BNA_F

ClientSampleId :

PB158784BL

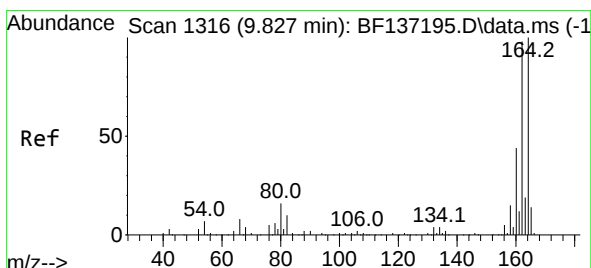
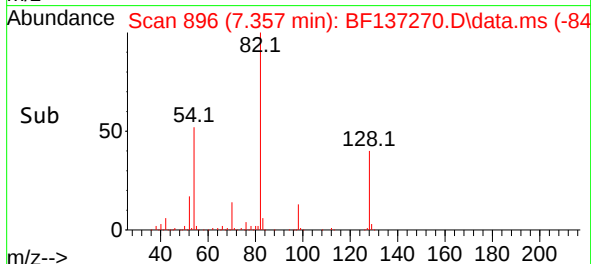
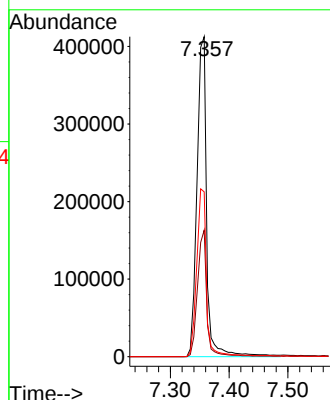
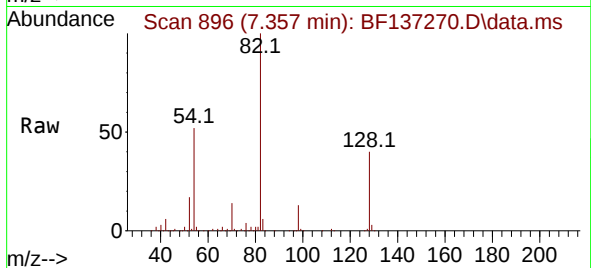
Tgt Ion: 82 Resp: 474053

Ion Ratio Lower Upper

82 100

128 39.6 29.1 43.7

54 51.5 45.0 67.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. 0.001 min

Lab File: BF137270.D

Acq: 05 Feb 2024 11:06

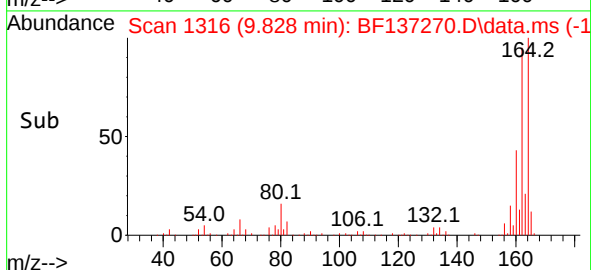
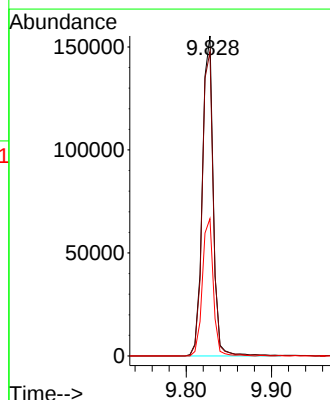
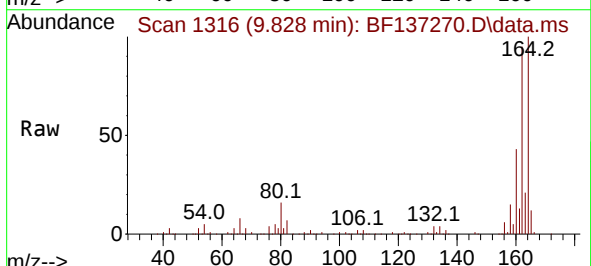
Tgt Ion: 164 Resp: 137860

Ion Ratio Lower Upper

164 100

162 95.1 78.3 117.5

160 42.9 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 143.390 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF137270.D

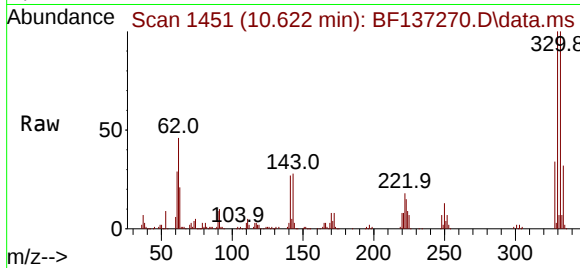
Acq: 05 Feb 2024 11:06

Instrument :

BNA_F

ClientSampleId :

PB158784BL



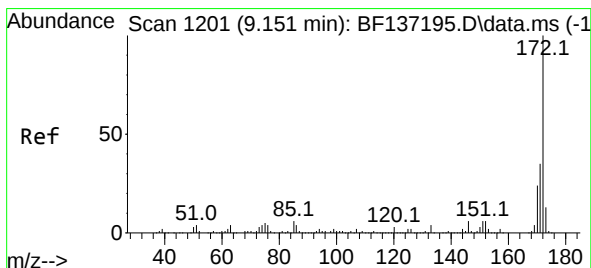
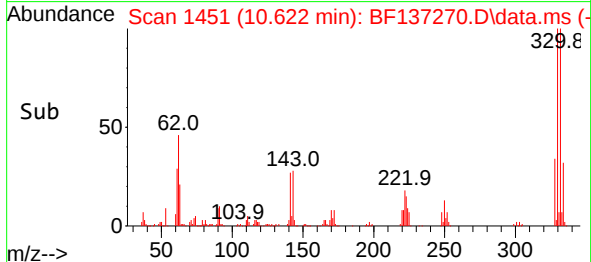
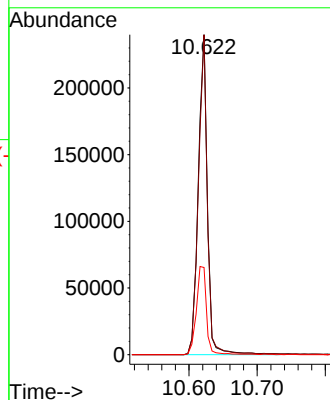
Tgt Ion:330 Resp: 223248

Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

141 30.6 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 88.039 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF137270.D

Acq: 05 Feb 2024 11:06

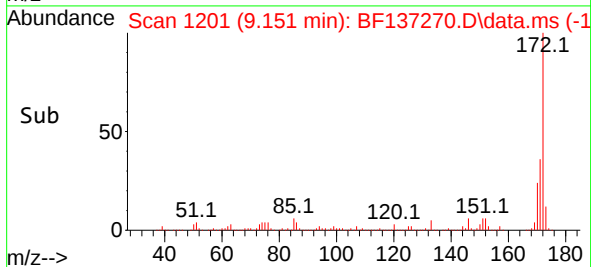
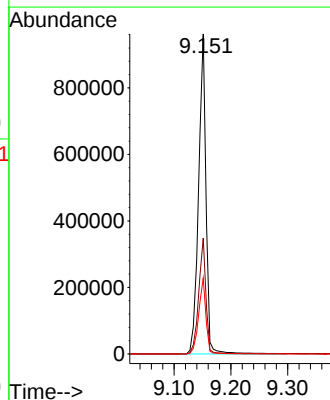
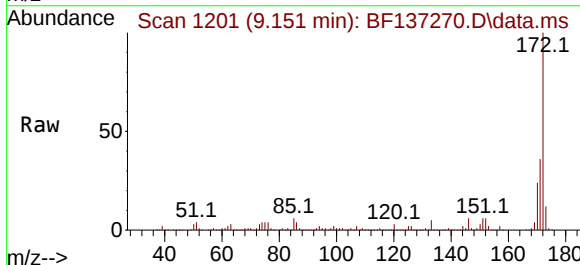
Tgt Ion:172 Resp: 882908

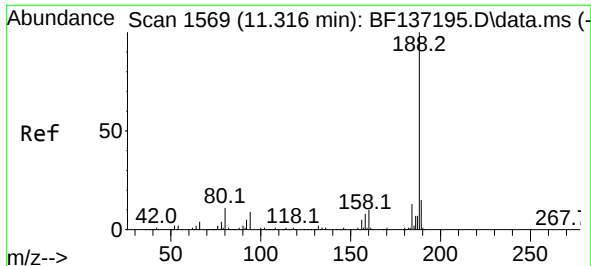
Ion Ratio Lower Upper

172 100

171 36.2 28.3 42.5

170 23.7 19.1 28.7

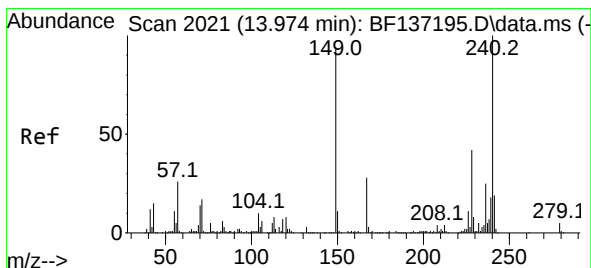
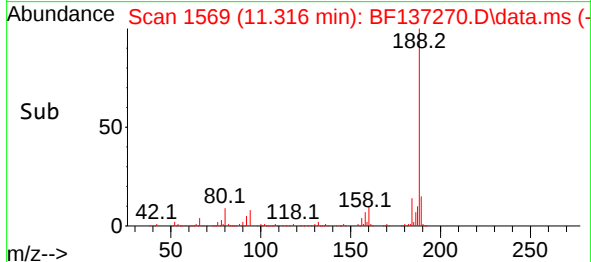
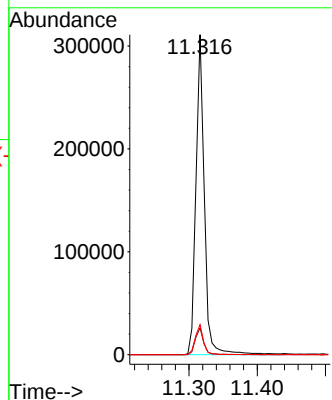
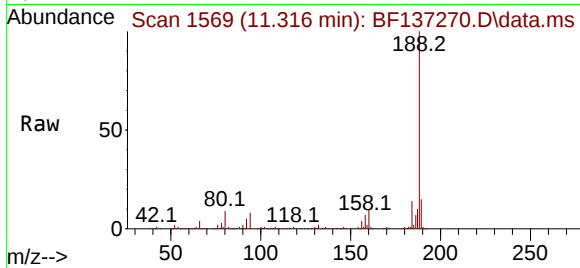




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137270.D
Acq: 05 Feb 2024 11:06

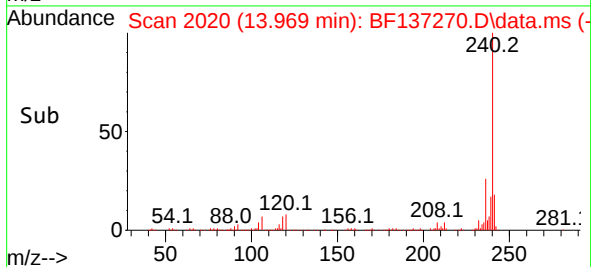
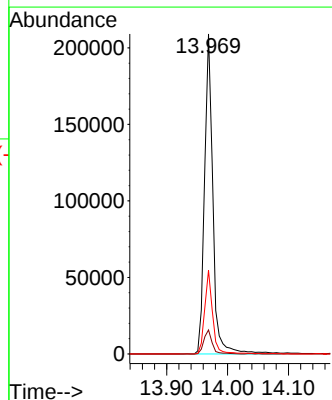
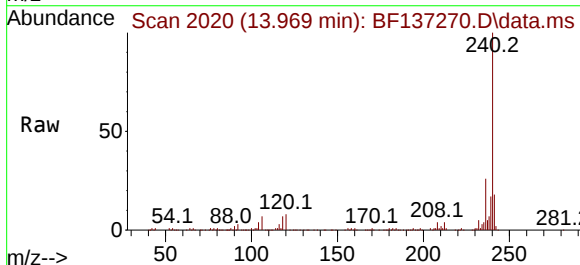
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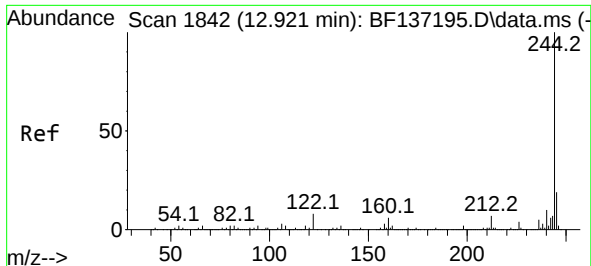
Tgt Ion:188 Resp: 266648
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 9.4 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.005 min
Lab File: BF137270.D
Acq: 05 Feb 2024 11:06

Tgt Ion:240 Resp: 199223
Ion Ratio Lower Upper
240 100
120 7.5 6.3 9.5
236 26.2 20.3 30.5

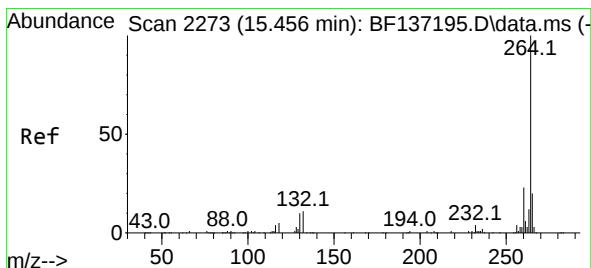
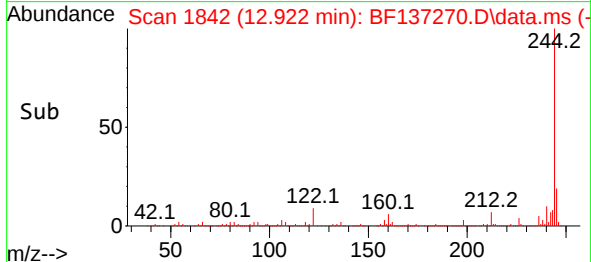
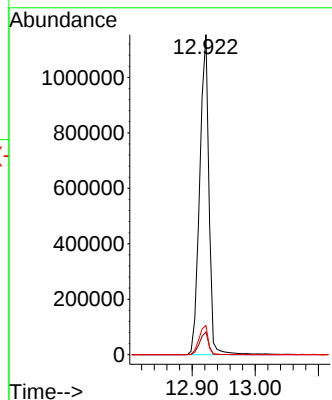
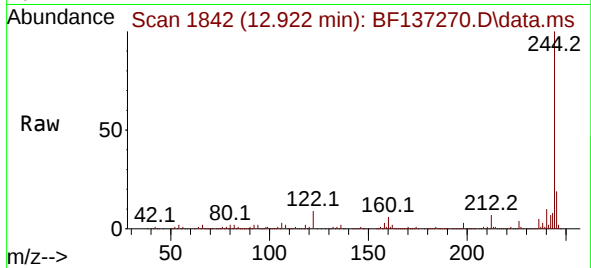




#79
 Terphenyl-d14
 Concen: 79.505 ng
 RT: 12.922 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF137270.D
 Acq: 05 Feb 2024 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB158784BL

Tgt Ion:244 Resp: 1165118
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 9.1 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.005 min
 Lab File: BF137270.D
 Acq: 05 Feb 2024 11:06

Tgt Ion:264 Resp: 157103
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.2 27.4
 265 20.9 16.2 24.2

