

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129579.D
 Acq On : 04 Aug 2022 20:23
 Operator : CG\JU
 Sample : N4016-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-DS

Quant Time: Aug 05 02:09:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 02:05:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	178901	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	695417	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	329116	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	457645	20.000	ng	0.00
76) Chrysene-d12	14.027	240	303331	20.000	ng	#-0.01
86) Perylene-d12	15.510	264	307281	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1231352	112.122	ng	0.00
7) Phenol-d6	6.504	99	1532267	111.001	ng	-0.01
23) Nitrobenzene-d5	7.422	82	991226	77.809	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	314165	99.287	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1543374	72.543	ng	0.00
79) Terphenyl-d14	12.969	244	1088566	67.704	ng	-0.01

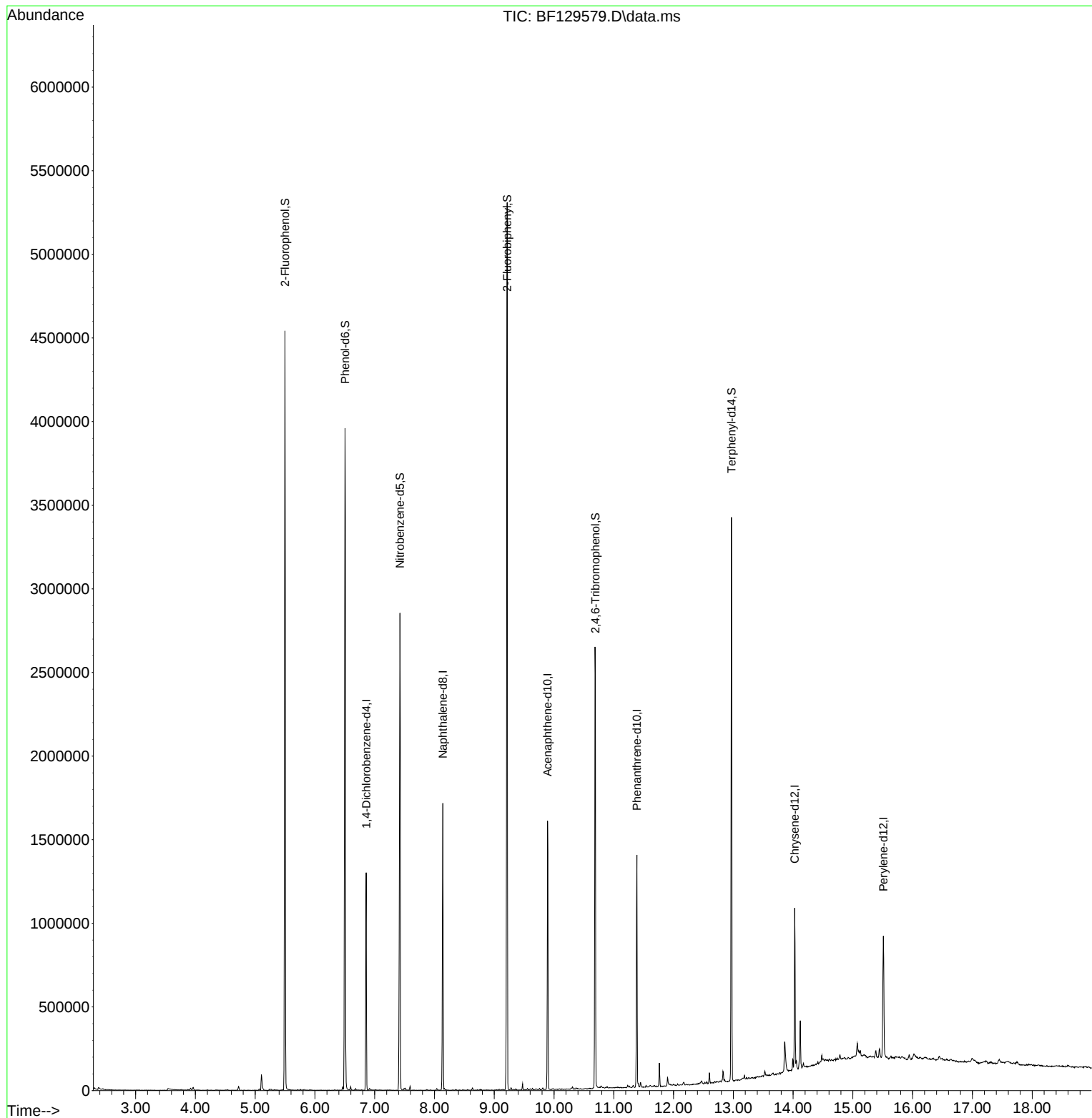
Target Compounds	Qvalue

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

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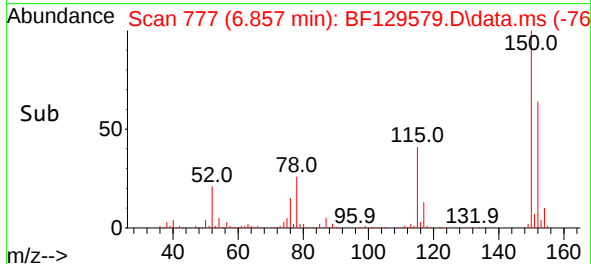
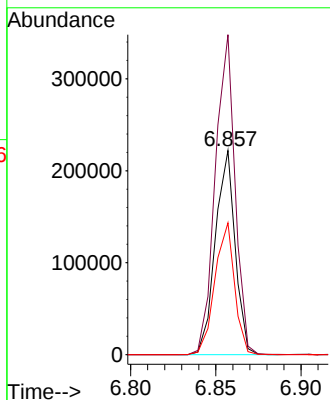
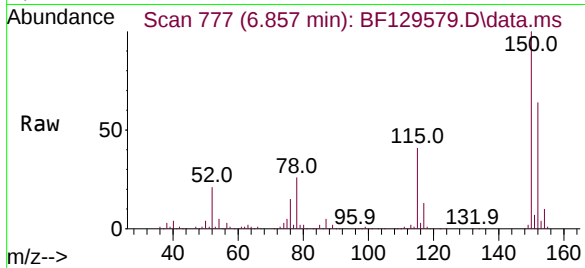




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129579.D
Acq: 04 Aug 2022 20:23

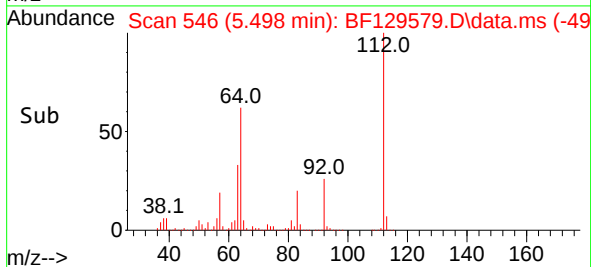
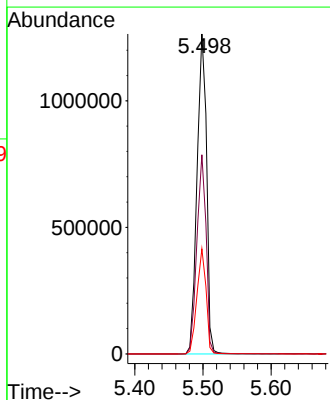
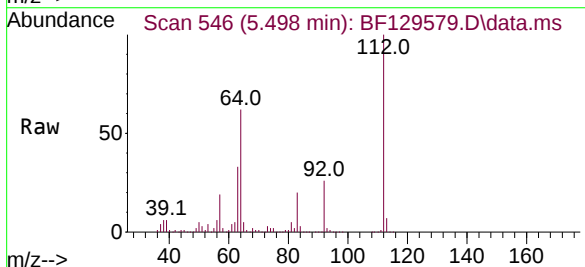
Instrument :
BNA_F
ClientSampleId :
MH-DS

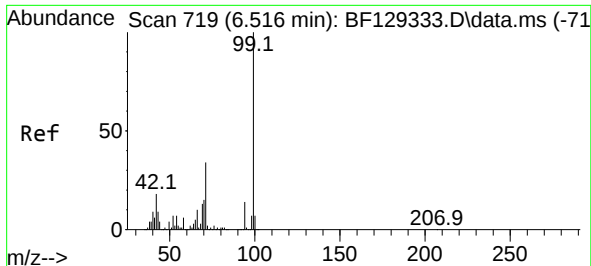
Tgt Ion:152 Resp: 178901
Ion Ratio Lower Upper
152 100
150 156.8 123.7 185.5
115 64.6 49.9 74.9



#5
2-Fluorophenol
Concen: 112.122 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF129579.D
Acq: 04 Aug 2022 20:23

Tgt Ion:112 Resp: 1231352
Ion Ratio Lower Upper
112 100
64 62.2 53.3 79.9
63 32.8 28.0 42.0





#7

Phenol-d6

Concen: 111.001 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF129579.D

Acq: 04 Aug 2022 20:23

Instrument :

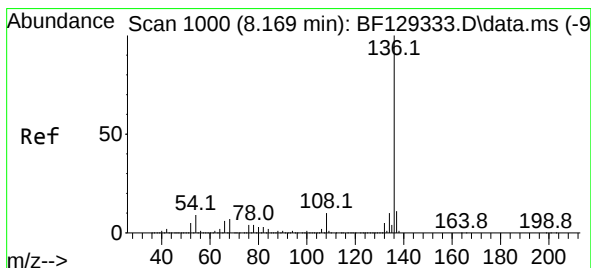
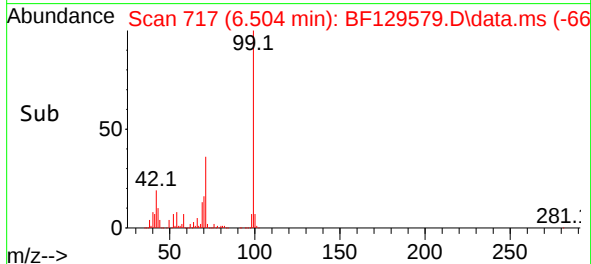
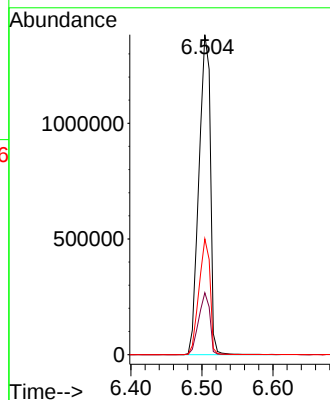
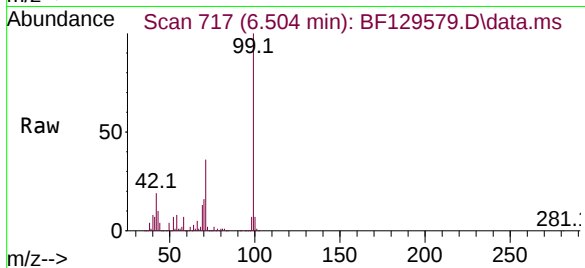
BNA_F

ClientSampleId :

MH-DS

Tgt Ion: 99 Resp: 1532267

Ion	Ratio	Lower	Upper
99	100		
42	19.3	17.3	25.9
71	36.2	28.9	43.3



#21

Napthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 995

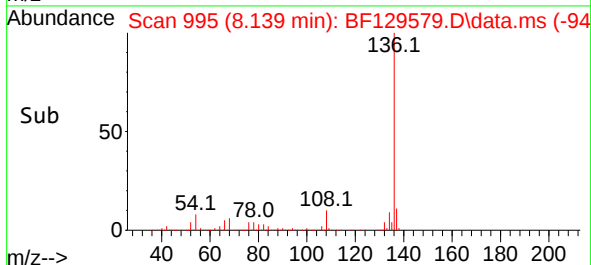
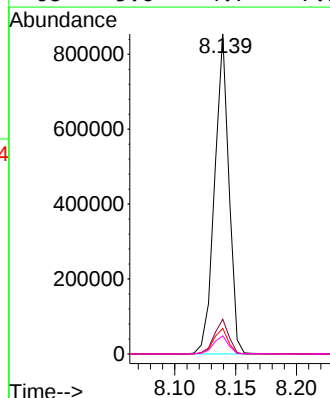
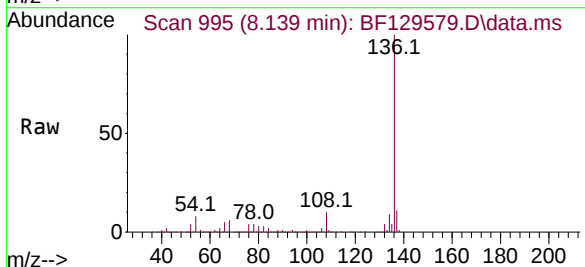
Delta R.T. -0.006 min

Lab File: BF129579.D

Acq: 04 Aug 2022 20:23

Tgt Ion: 136 Resp: 695417

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.0	7.5	11.3
68	5.6	4.7	7.1

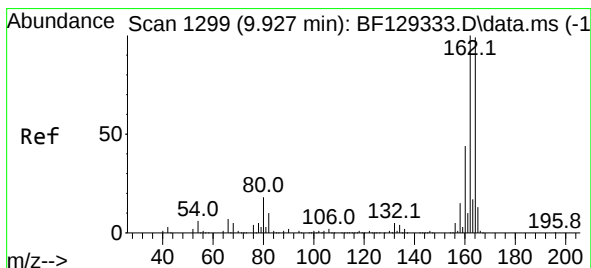
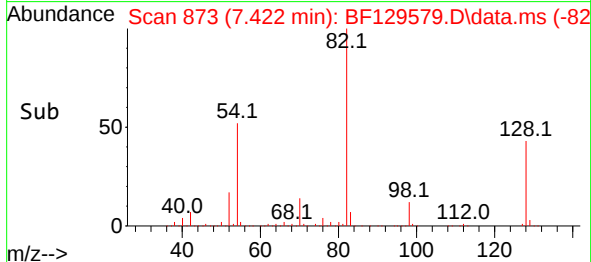
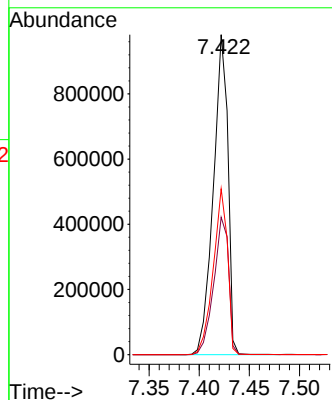
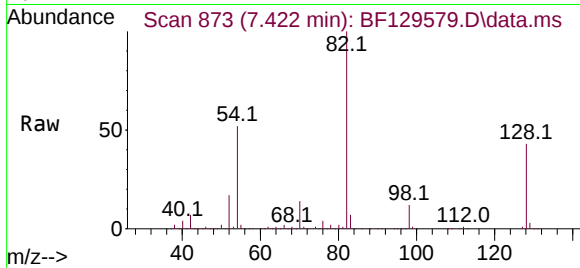




#23
 Nitrobenzene-d5
 Concen: 77.809 ng
 RT: 7.422 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF129579.D
 Acq: 04 Aug 2022 20:23

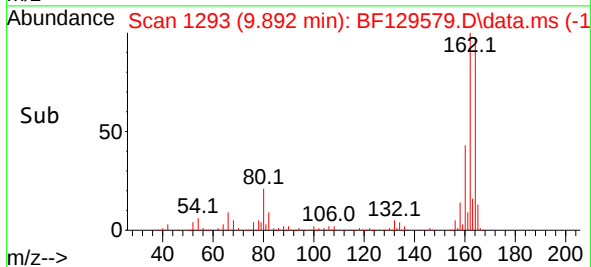
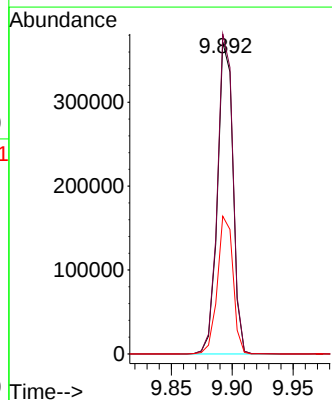
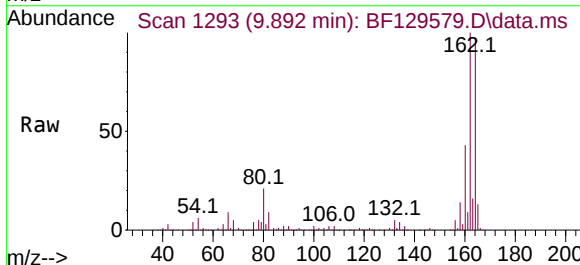
Instrument :
 BNA_F
 ClientSampleId :
 MH-DS

Tgt Ion: 82 Resp: 991226
 Ion Ratio Lower Upper
 82 100
 128 42.9 34.0 51.0
 54 51.8 46.9 70.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.892 min Scan# 1293
 Delta R.T. -0.012 min
 Lab File: BF129579.D
 Acq: 04 Aug 2022 20:23

Tgt Ion: 164 Resp: 329116
 Ion Ratio Lower Upper
 164 100
 162 102.7 79.5 119.3
 160 44.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 99.287 ng

RT: 10.692 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129579.D

Acq: 04 Aug 2022 20:23

Instrument :

BNA_F

ClientSampleId :

MH-DS

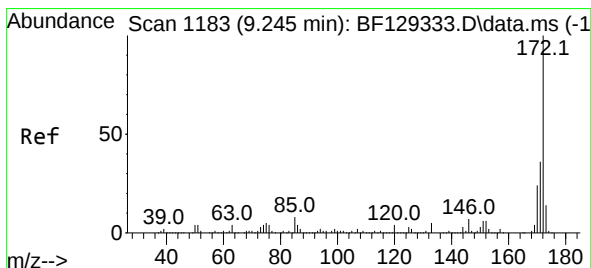
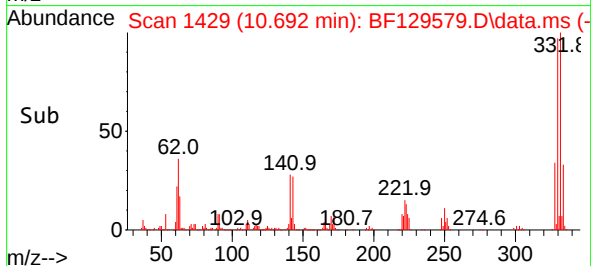
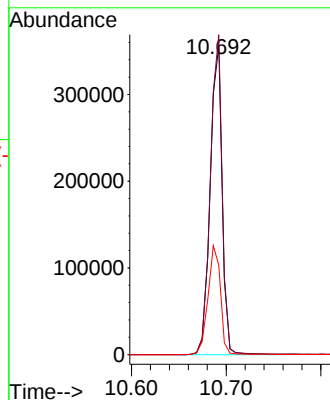
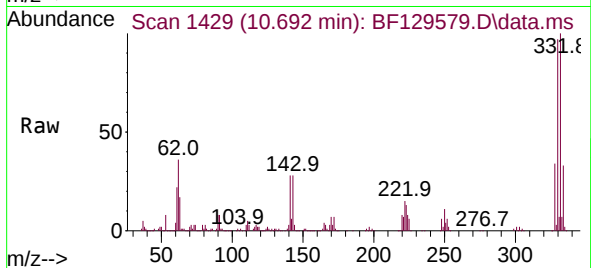
Tgt Ion:330 Resp: 314165

Ion Ratio Lower Upper

330 100

332 102.7 76.8 115.2

141 36.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 72.543 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF129579.D

Acq: 04 Aug 2022 20:23

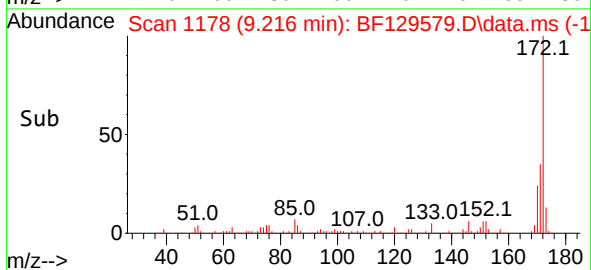
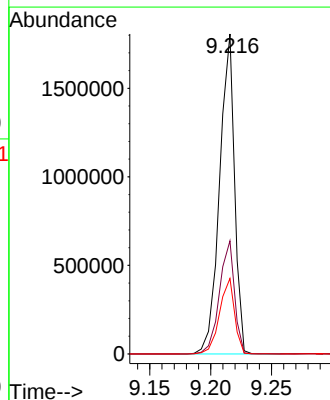
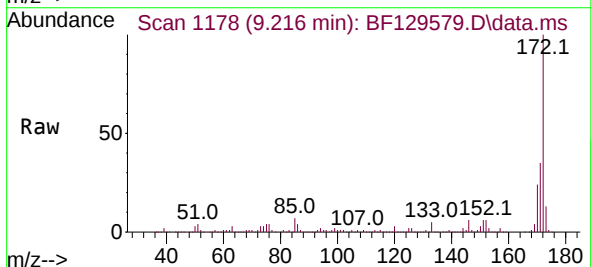
Tgt Ion:172 Resp: 1543374

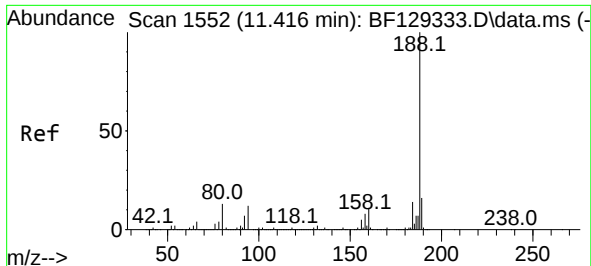
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.6 19.8 29.8

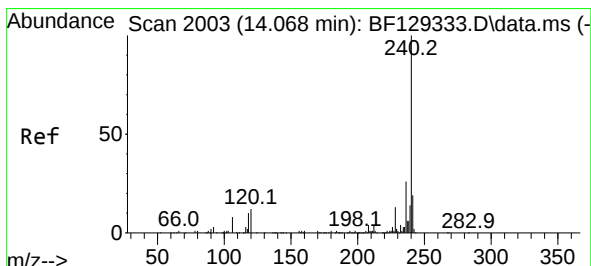
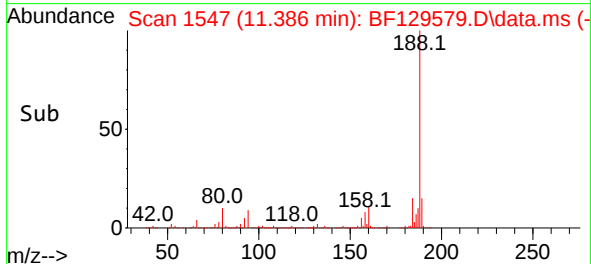
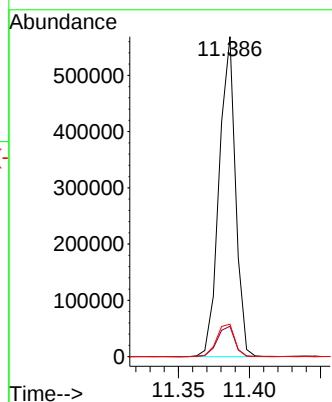
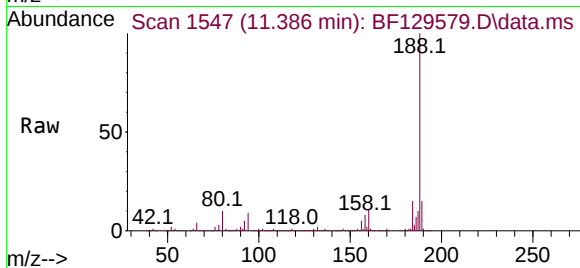




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129579.D
Acq: 04 Aug 2022 20:23

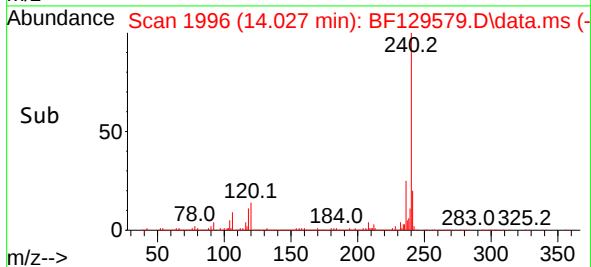
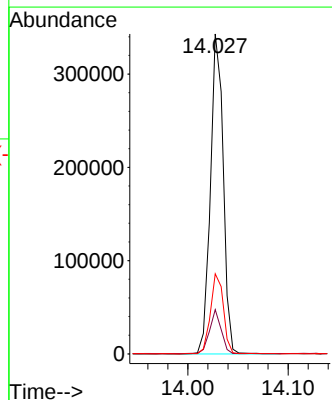
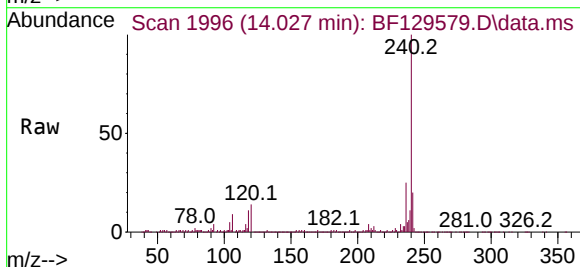
Instrument :
BNA_F
ClientSampleId :
MH-DS

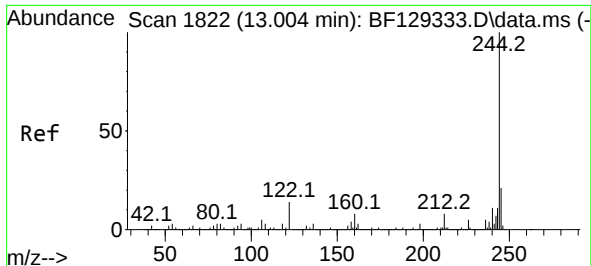
Tgt Ion:188 Resp: 457645
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF129579.D
Acq: 04 Aug 2022 20:23

Tgt Ion:240 Resp: 303331
Ion Ratio Lower Upper
240 100
120 13.8 8.9 13.3#
236 25.0 20.8 31.2

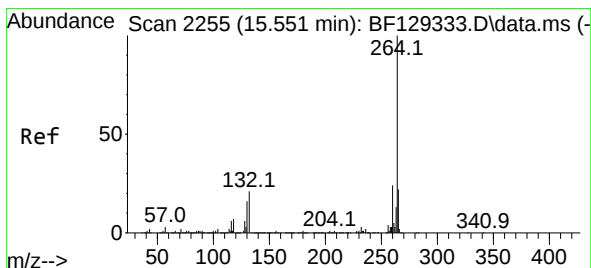
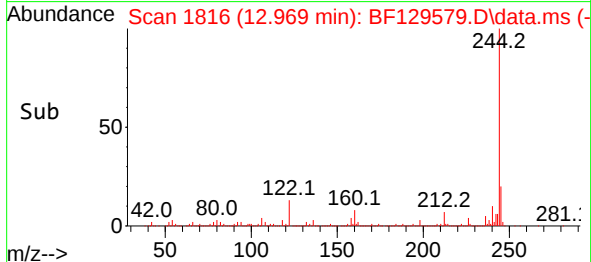
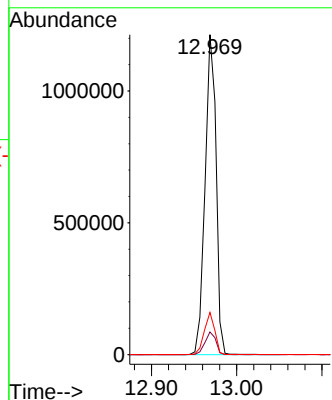
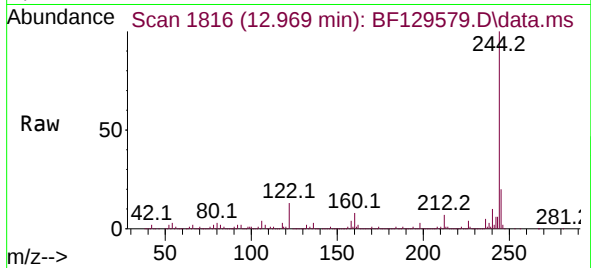




#79
 Terphenyl-d14
 Concen: 67.704 ng
 RT: 12.969 min Scan# 1816
 Delta R.T. -0.012 min
 Lab File: BF129579.D
 Acq: 04 Aug 2022 20:23

Instrument :
 BNA_F
 ClientSampleId :
 MH-DS

Tgt Ion:244 Resp: 1088566
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 13.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2248
 Delta R.T. -0.006 min
 Lab File: BF129579.D
 Acq: 04 Aug 2022 20:23

Tgt Ion:264 Resp: 307281
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.4 27.6
 265 22.4 17.2 25.8

