

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129548.D
 Acq On : 03 Aug 2022 19:24
 Operator : CG\JU
 Sample : N4016-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-DS

Quant Time: Aug 04 02:20:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	130533	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	494707	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	221456	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	285982	20.000	ng	0.00
76) Chrysene-d12	14.039	240	276382	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	316505	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	910762	113.659	ng	0.00
7) Phenol-d6	6.516	99	1117809	110.982	ng	0.00
23) Nitrobenzene-d5	7.434	82	710835	78.437	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	187595	88.109	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1100165	76.850	ng	0.00
79) Terphenyl-d14	12.980	244	768513	52.459	ng	0.00

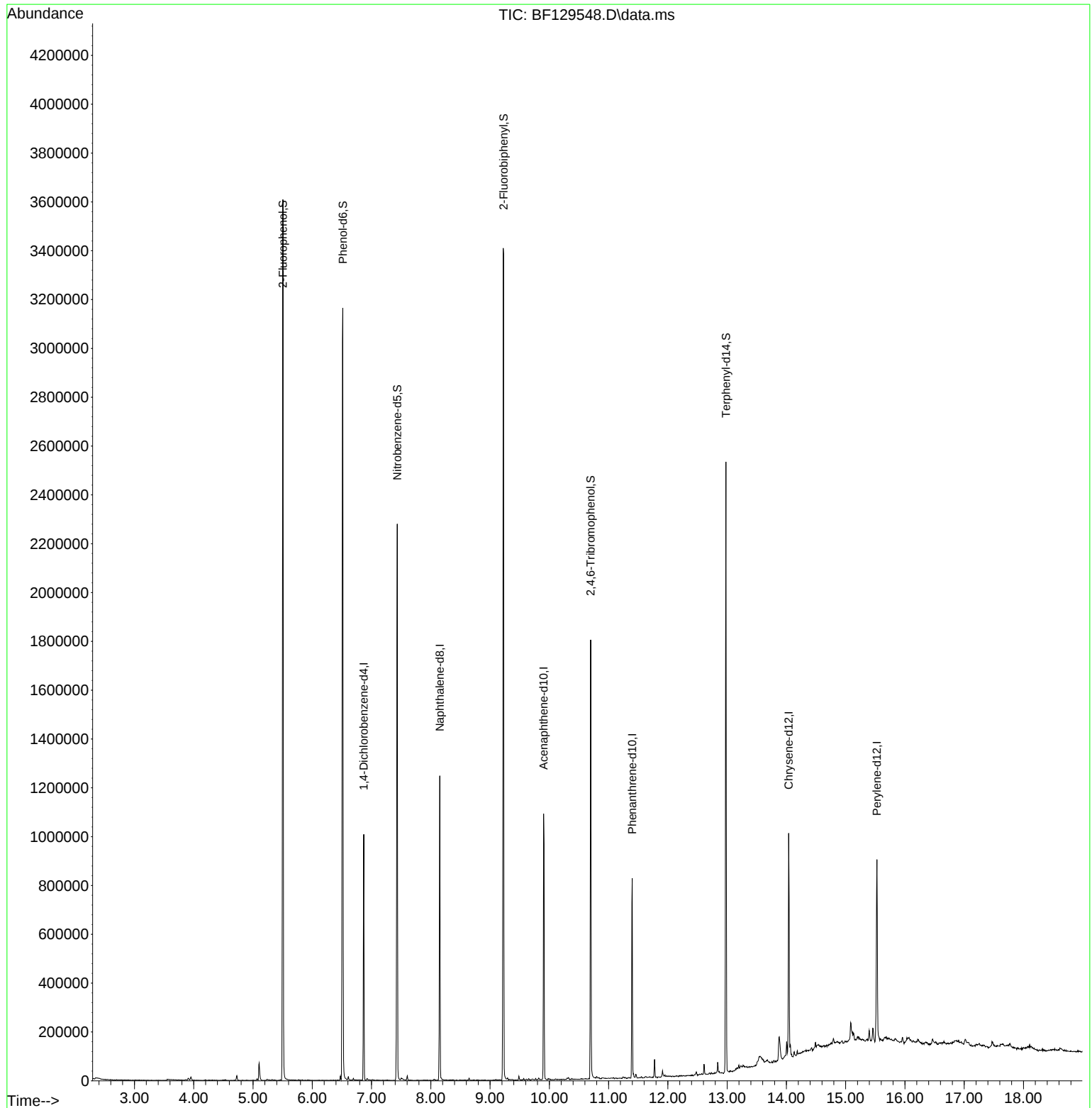
Target Compounds	Qvalue

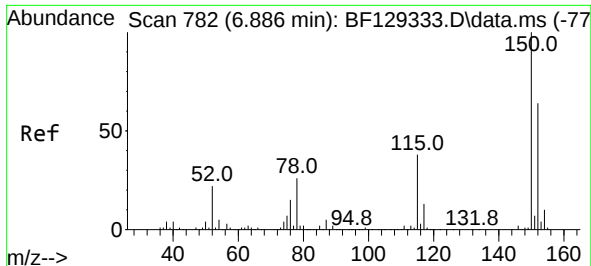
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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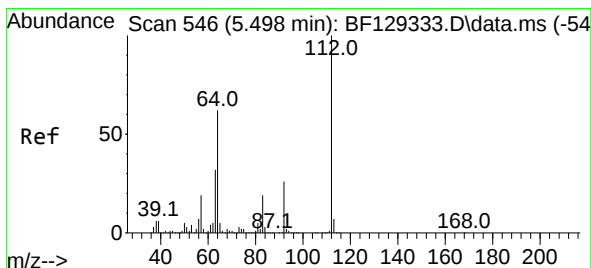
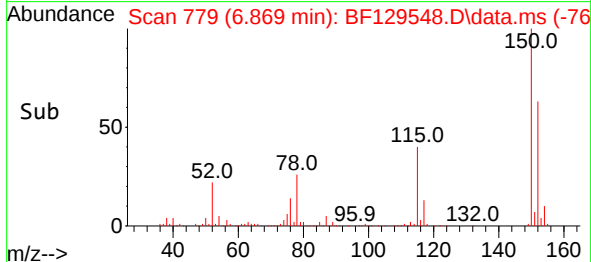
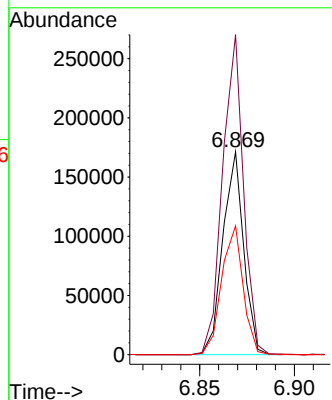
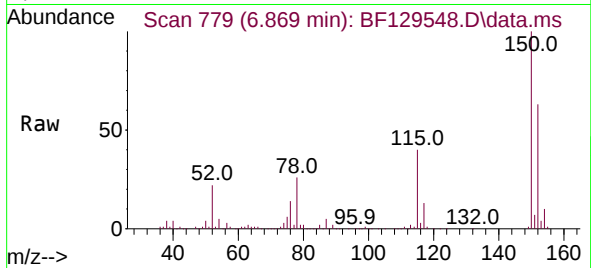




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

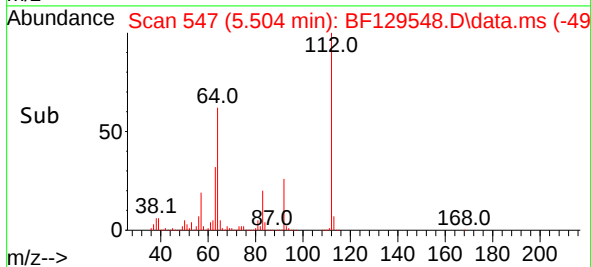
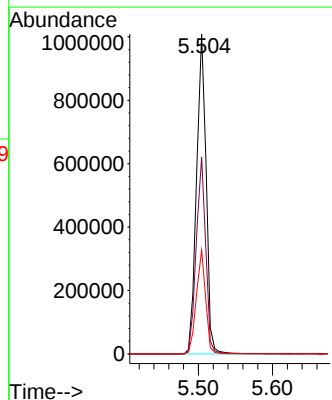
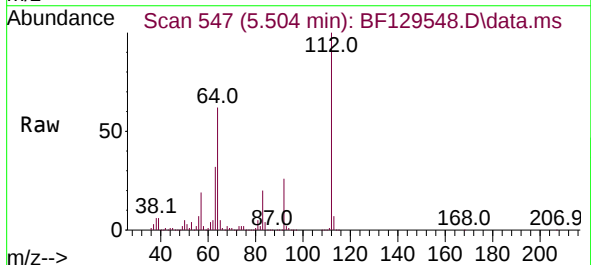
Instrument :
BNA_F
ClientSampleId :
MH-DS

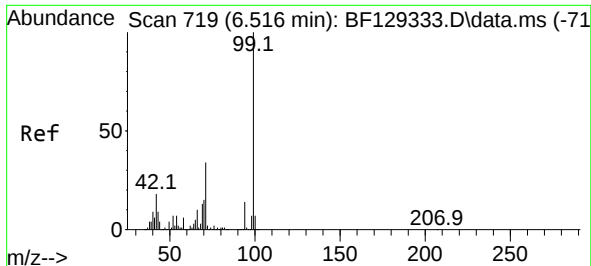
Tgt Ion:152 Resp: 130533
Ion Ratio Lower Upper
152 100
150 157.8 123.7 185.5
115 63.4 49.9 74.9



#5
2-Fluorophenol
Concen: 113.659 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.000 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

Tgt Ion:112 Resp: 910762
Ion Ratio Lower Upper
112 100
64 61.5 53.3 79.9
63 32.4 28.0 42.0





#7

Phenol-d6

Concen: 110.982 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF129548.D

Acq: 03 Aug 2022 19:24

Instrument :

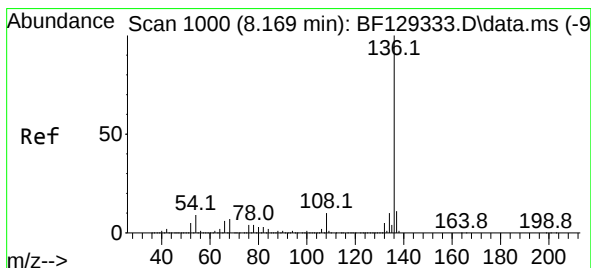
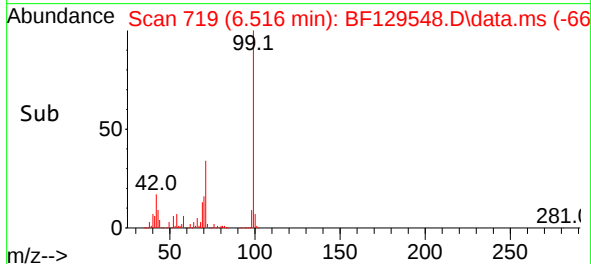
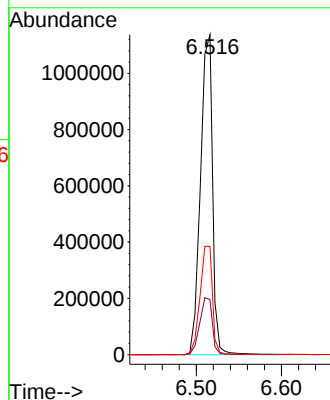
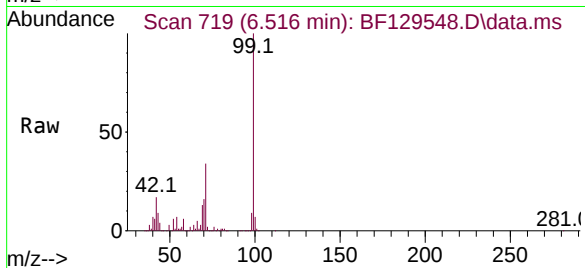
BNA_F

ClientSampleId :

MH-DS

Tgt Ion: 99 Resp: 1117809

Ion	Ratio	Lower	Upper
99	100		
42	17.2	17.3	25.9#
71	33.8	28.9	43.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 997

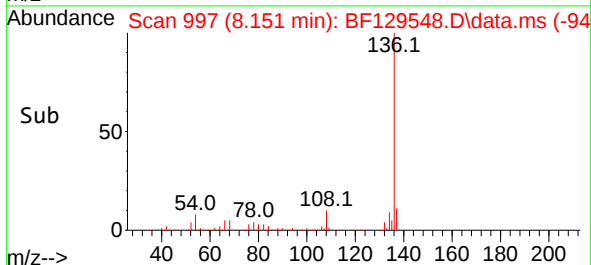
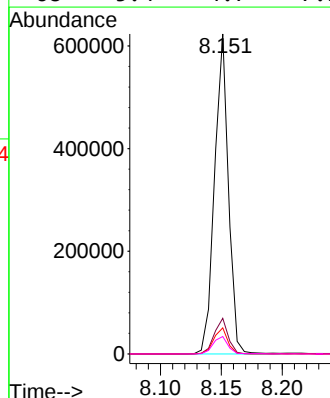
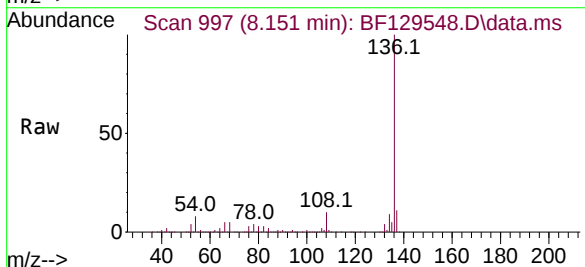
Delta R.T. -0.012 min

Lab File: BF129548.D

Acq: 03 Aug 2022 19:24

Tgt Ion: 136 Resp: 494707

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.1	7.5	11.3
68	5.4	4.7	7.1

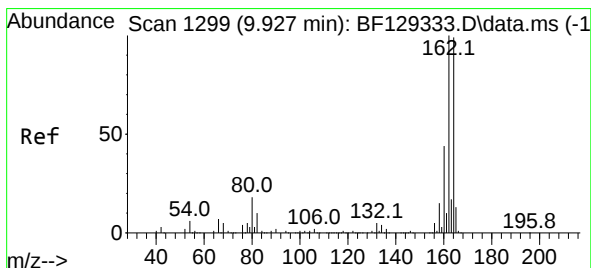
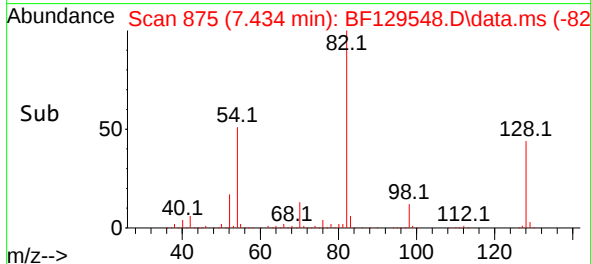
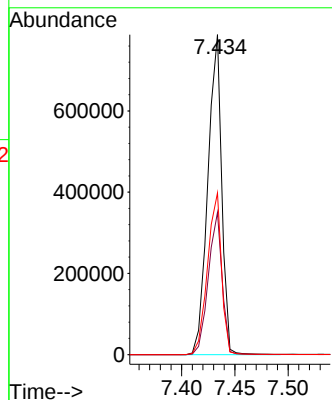
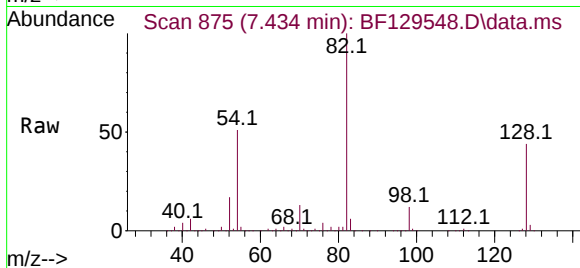




#23
Nitrobenzene-d5
Concen: 78.437 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

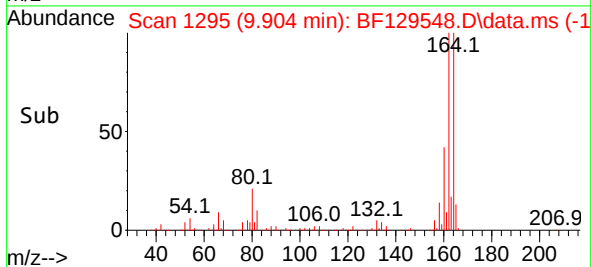
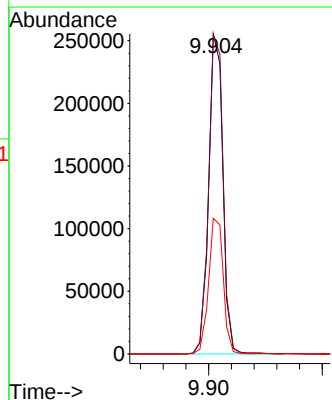
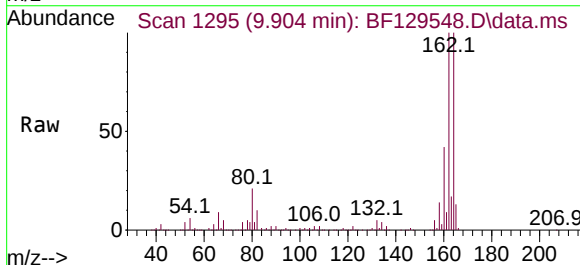
Instrument :
BNA_F
ClientSampleId :
MH-DS

Tgt Ion: 82 Resp: 710835
Ion Ratio Lower Upper
82 100
128 44.4 34.0 51.0
54 50.5 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

Tgt Ion: 164 Resp: 221456
Ion Ratio Lower Upper
164 100
162 99.7 79.5 119.3
160 42.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 88.109 ng

RT: 10.698 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129548.D

Acq: 03 Aug 2022 19:24

Instrument :

BNA_F

ClientSampleId :

MH-DS

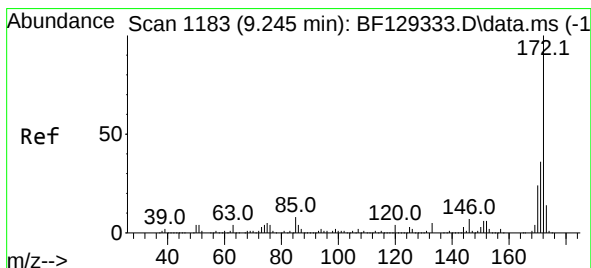
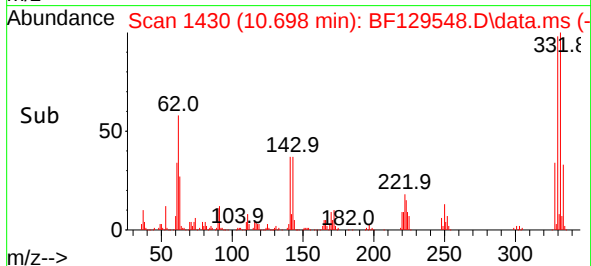
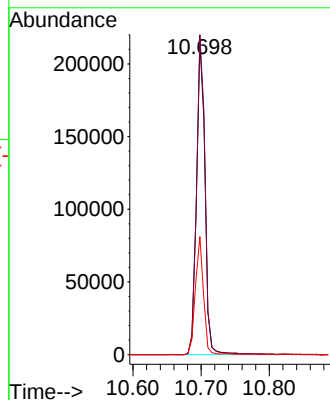
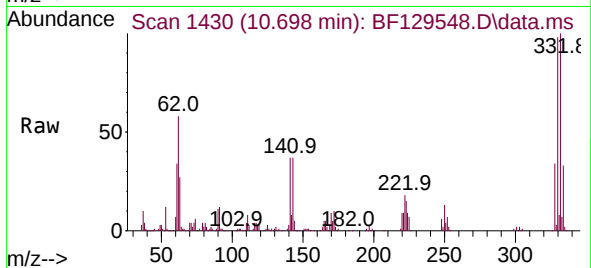
Tgt Ion:330 Resp: 187595

Ion Ratio Lower Upper

330 100

332 101.7 76.8 115.2

141 35.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 76.850 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF129548.D

Acq: 03 Aug 2022 19:24

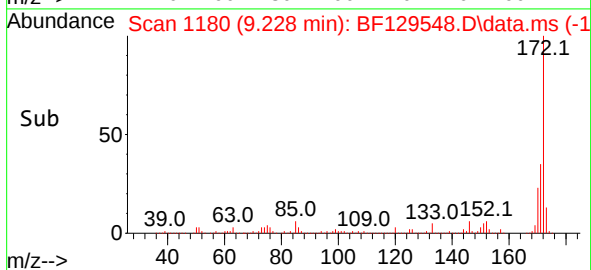
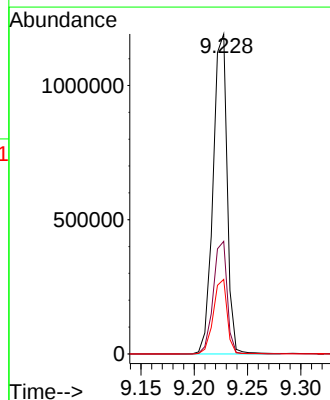
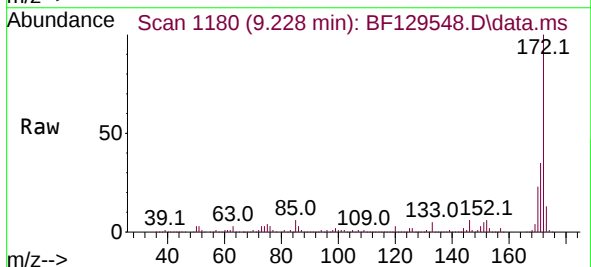
Tgt Ion:172 Resp: 1100165

Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.3 19.8 29.8

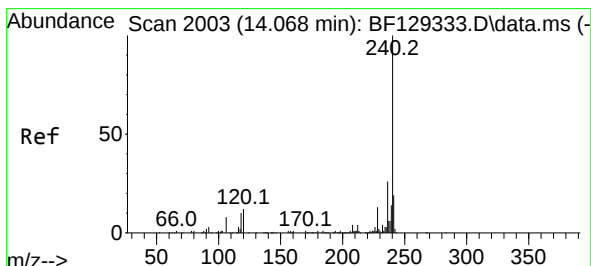
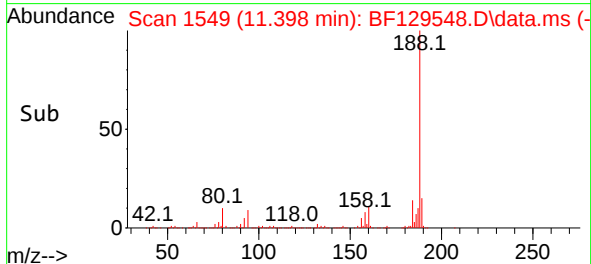
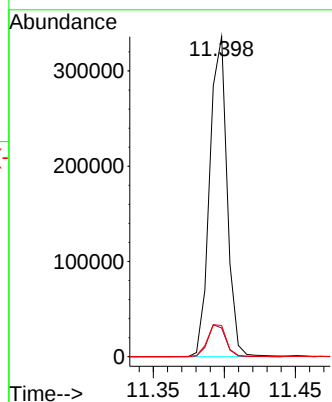
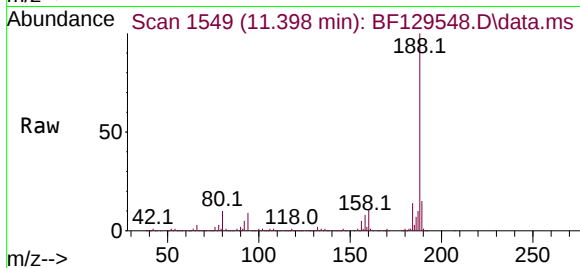




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

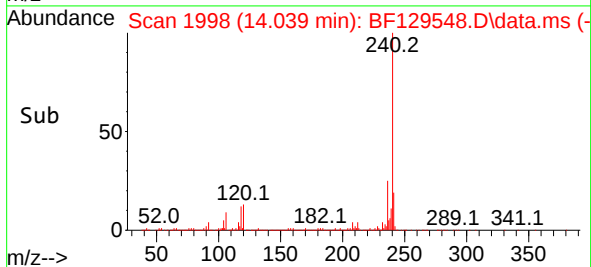
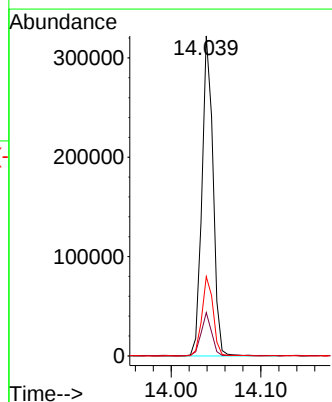
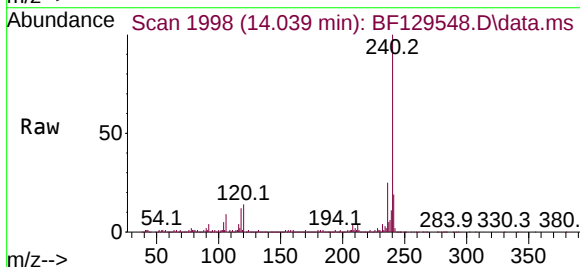
Instrument :
BNA_F
ClientSampleId :
MH-DS

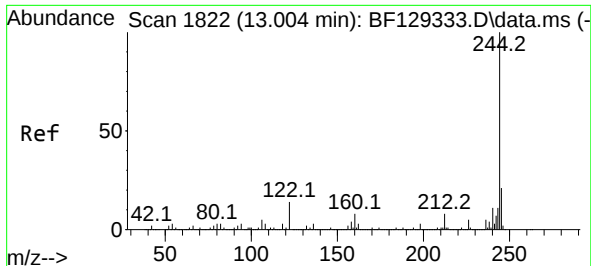
Tgt Ion:188 Resp: 285982
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 9.7 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF129548.D
Acq: 03 Aug 2022 19:24

Tgt Ion:240 Resp: 276382
Ion Ratio Lower Upper
240 100
120 13.5 8.9 13.3#
236 24.8 20.8 31.2

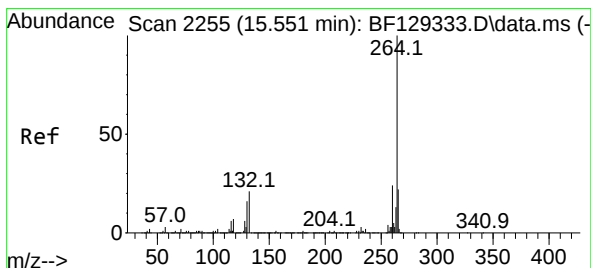
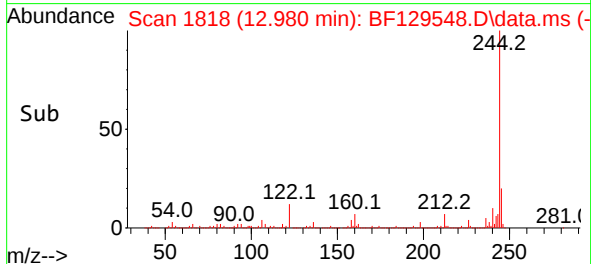
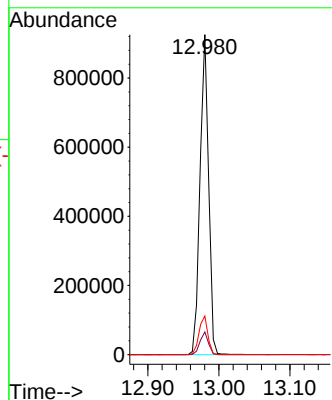
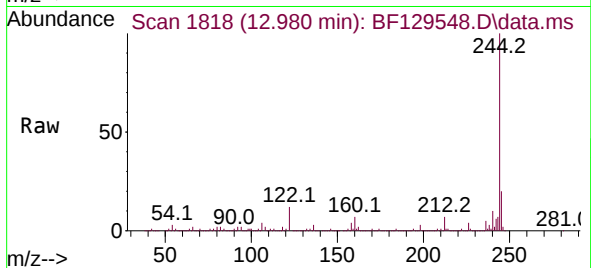




#79
 Terphenyl-d14
 Concen: 52.459 ng
 RT: 12.980 min Scan# 1818
 Delta R.T. -0.006 min
 Lab File: BF129548.D
 Acq: 03 Aug 2022 19:24

Instrument :
 BNA_F
 ClientSampleId :
 MH-DS

Tgt Ion:244 Resp: 768513
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 12.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.000 min
 Lab File: BF129548.D
 Acq: 03 Aug 2022 19:24

Tgt Ion:264 Resp: 316505
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.4 27.6
 265 21.7 17.2 25.8

