

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129529.D
 Acq On : 03 Aug 2022 03:01
 Operator : CG\JU
 Sample : N3990-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-080122

Quant Time: Aug 03 03:34:17 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	6.875	152	155066	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	539414	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	232852	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	396694	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	255614	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	201621	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	136426	14.332	ng	0.00
7) Phenol-d6	6.522	99	166675	13.930	ng	0.00
23) Nitrobenzene-d5	7.434	82	90125	9.121	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	28440	12.704	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	149874	9.957	ng	0.00
79) Terphenyl-d14	12.992	244	145277	10.722	ng	0.00

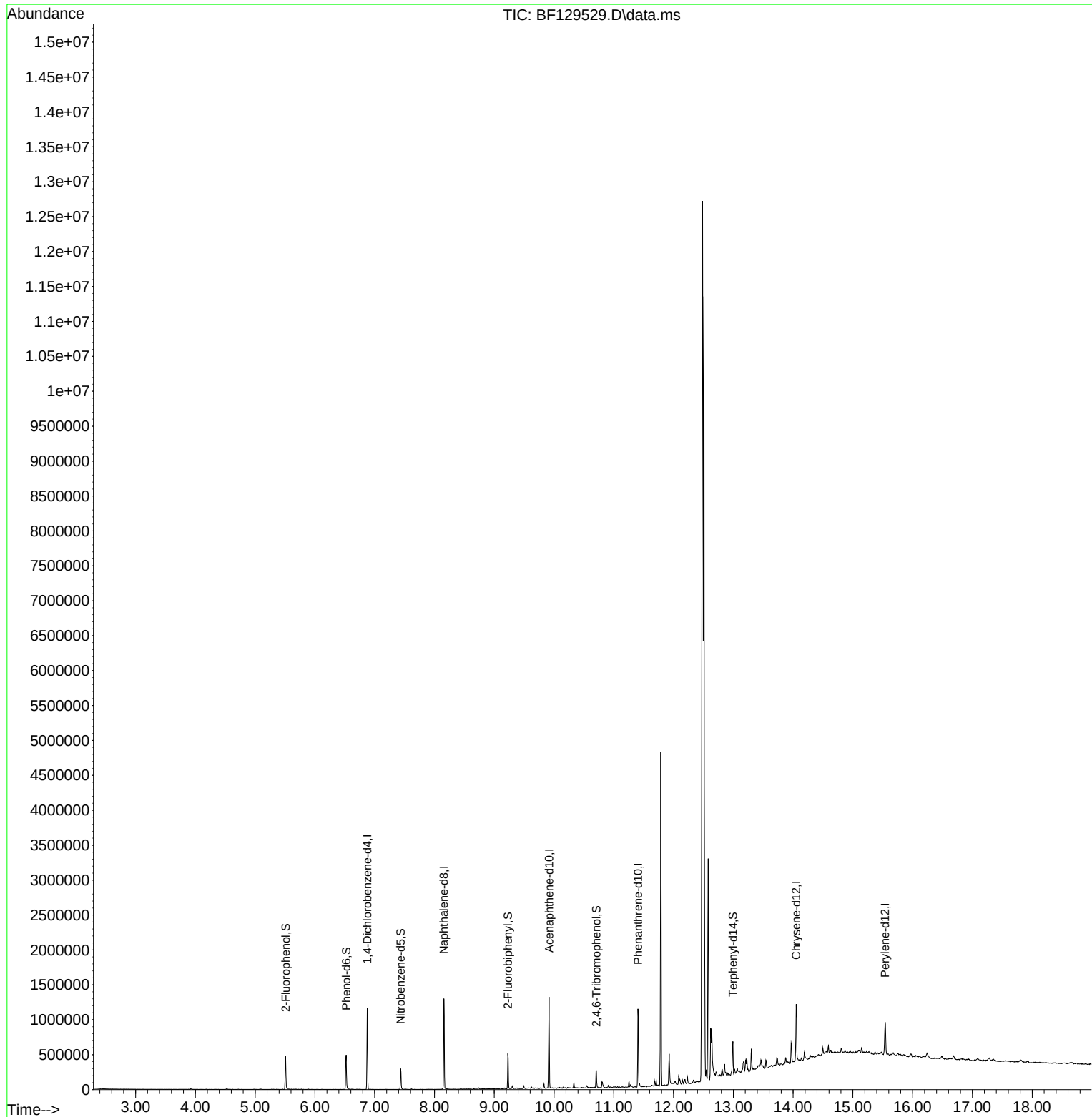
Target Compounds Qvalue

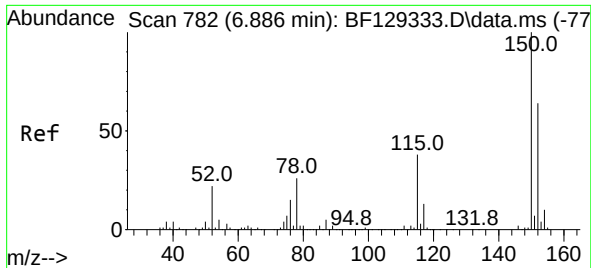
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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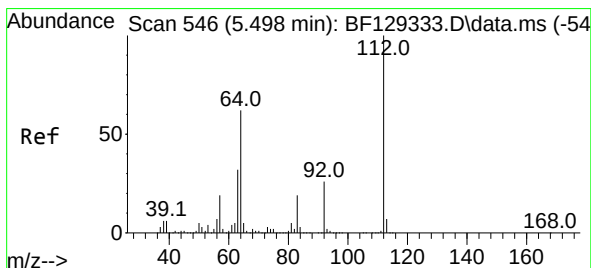
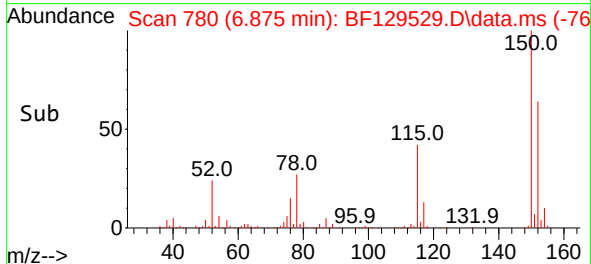
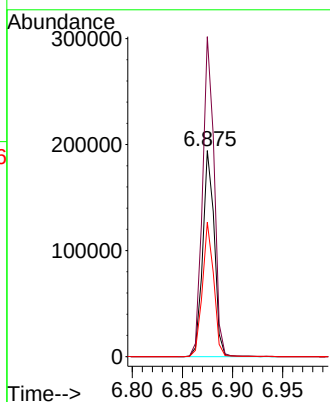
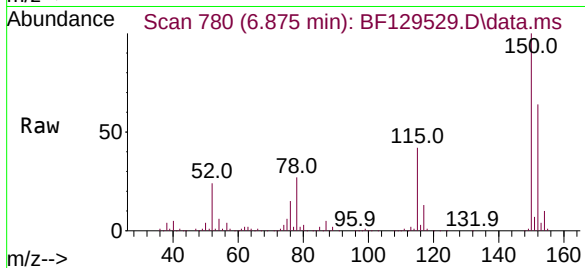




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 782
 Delta R.T. -0.000 min
 Lab File: BF129529.D
 Acq: 03 Aug 2022 03:01

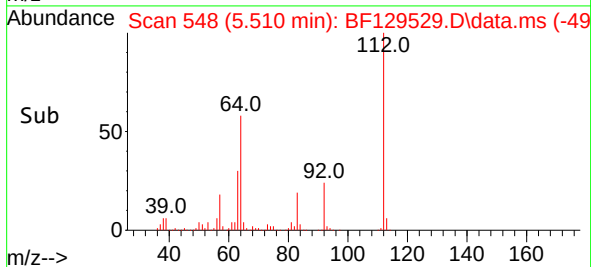
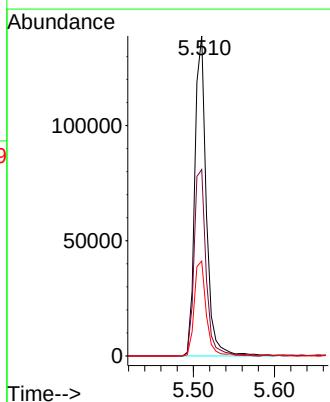
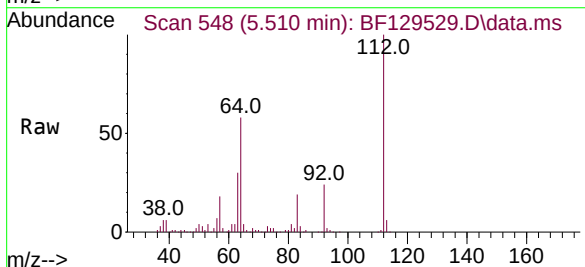
Instrument :
 BNA_F
 ClientSampleId :
 HR-01-080122

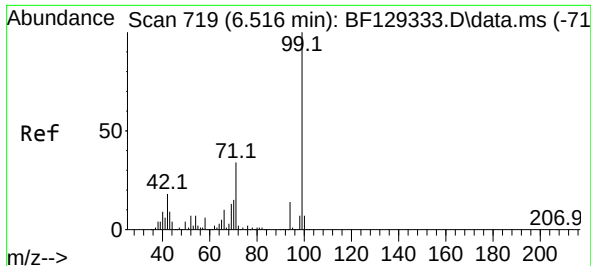
Tgt Ion:152 Resp: 155066
 Ion Ratio Lower Upper
 152 100
 150 155.4 123.7 185.5
 115 65.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 14.332 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.006 min
 Lab File: BF129529.D
 Acq: 03 Aug 2022 03:01

Tgt Ion:112 Resp: 136426
 Ion Ratio Lower Upper
 112 100
 64 58.3 53.3 79.9
 63 29.6 28.0 42.0

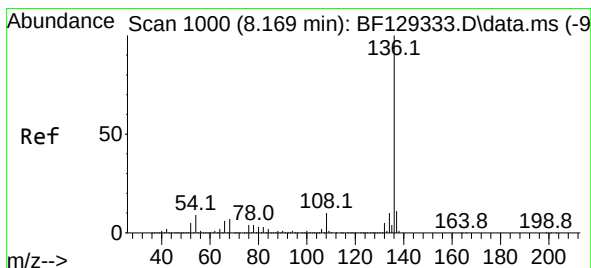
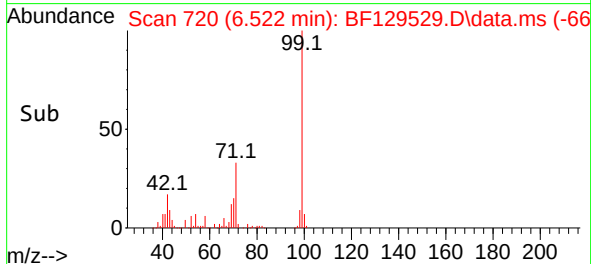
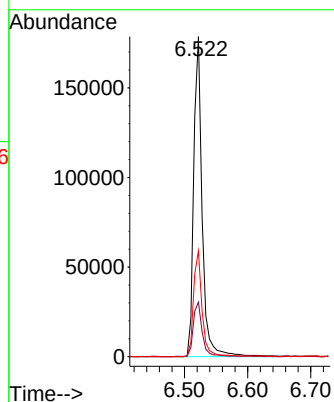
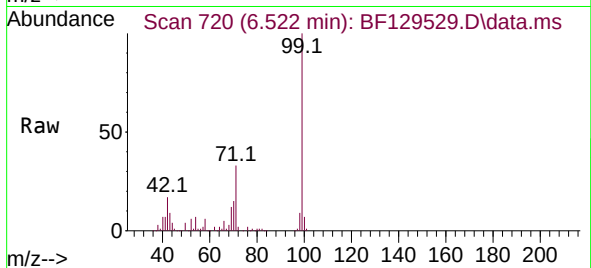




#7
Phenol-d6
Concen: 13.930 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129529.D
Acq: 03 Aug 2022 03:01

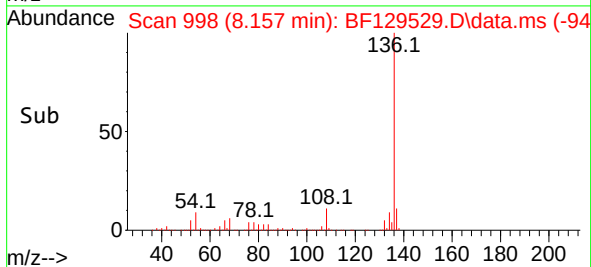
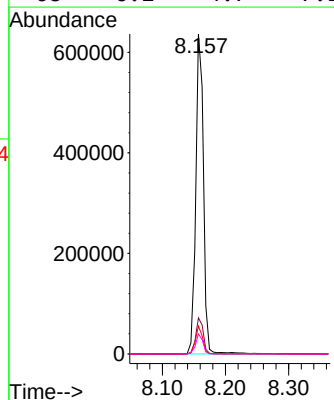
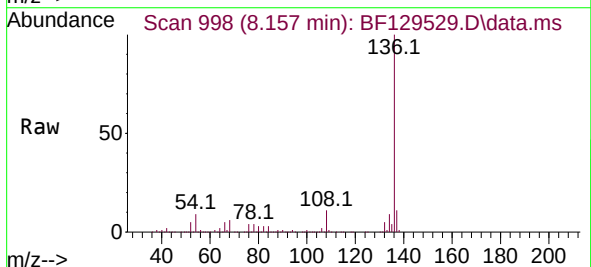
Instrument :
BNA_F
ClientSampleId :
HR-01-080122

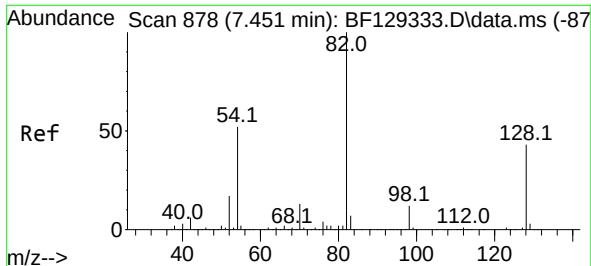
Tgt Ion: 99 Resp: 166675
Ion Ratio Lower Upper
99 100
42 17.0 17.3 25.9#
71 33.0 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF129529.D
Acq: 03 Aug 2022 03:01

Tgt Ion: 136 Resp: 539414
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.7 7.5 11.3
68 6.2 4.7 7.1

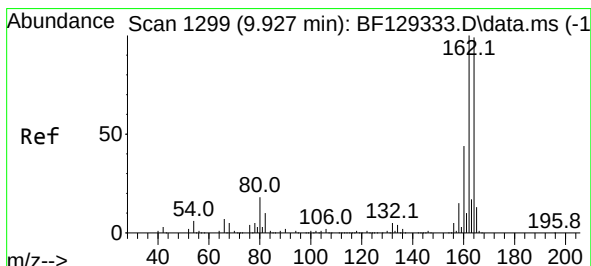
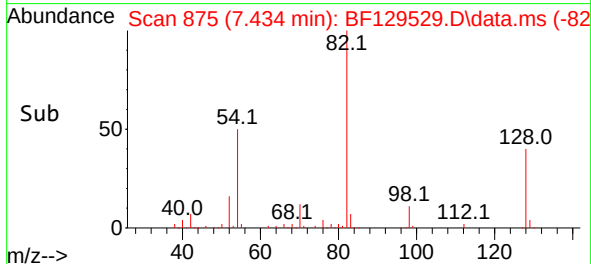
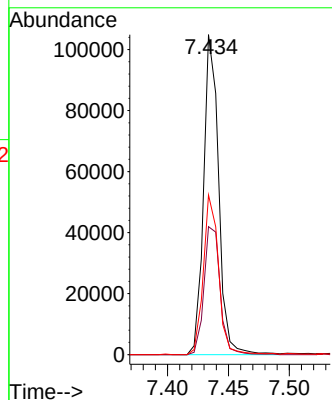
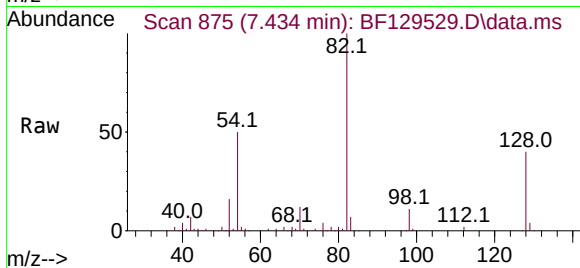




#23
Nitrobenzene-d5
Concen: 9.121 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129529.D
Acq: 03 Aug 2022 03:01

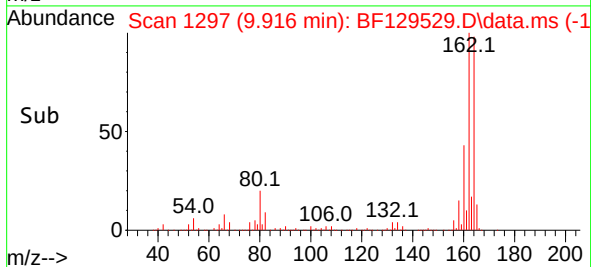
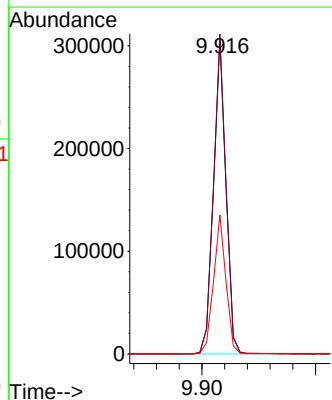
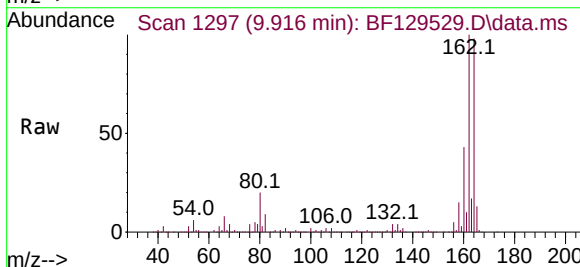
Instrument :
BNA_F
ClientSampleId :
HR-01-080122

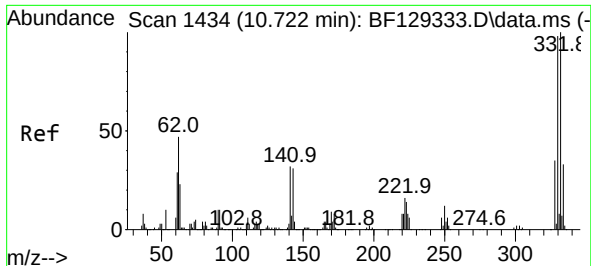
Tgt Ion: 82 Resp: 90125
Ion Ratio Lower Upper
82 100
128 40.0 34.0 51.0
54 49.9 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF129529.D
Acq: 03 Aug 2022 03:01

Tgt Ion: 164 Resp: 232852
Ion Ratio Lower Upper
164 100
162 101.7 79.5 119.3
160 44.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 12.704 ng

RT: 10.710 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF129529.D

Acq: 03 Aug 2022 03:01

Instrument :

BNA_F

ClientSampleId :

HR-01-080122

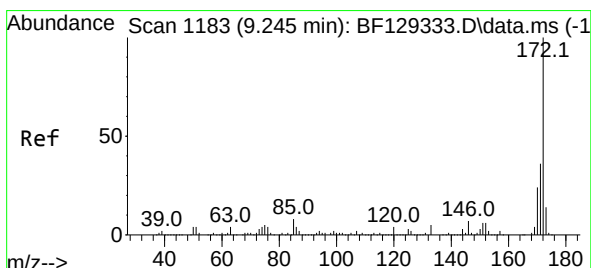
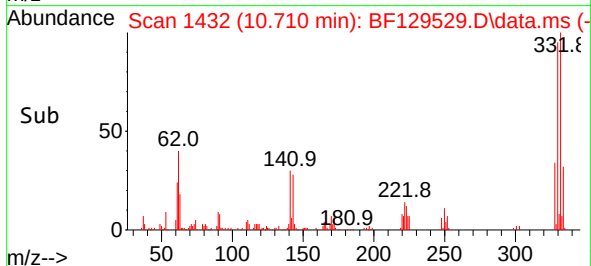
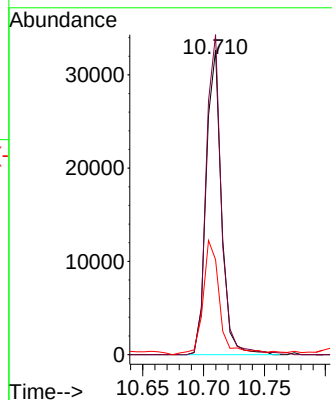
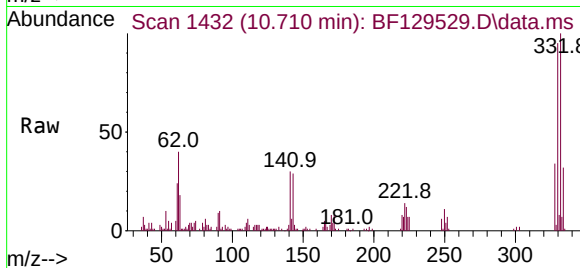
Tgt Ion:330 Resp: 28440

Ion Ratio Lower Upper

330 100

332 104.4 76.8 115.2

141 41.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 9.957 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF129529.D

Acq: 03 Aug 2022 03:01

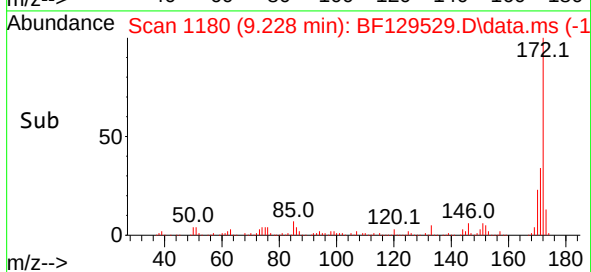
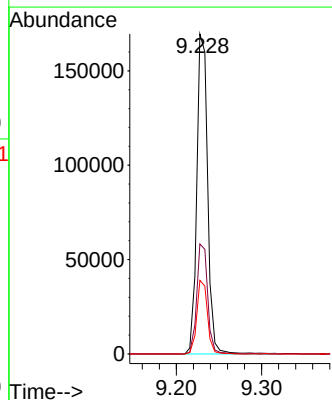
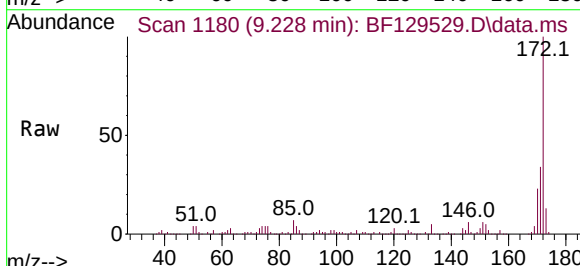
Tgt Ion:172 Resp: 149874

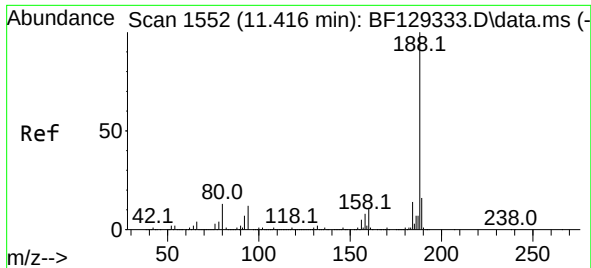
Ion Ratio Lower Upper

172 100

171 34.3 28.8 43.2

170 23.0 19.8 29.8

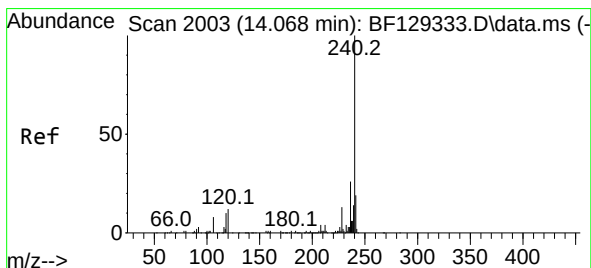
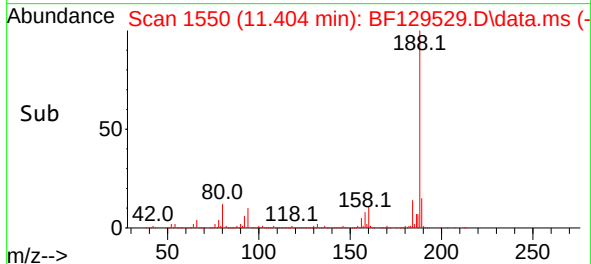
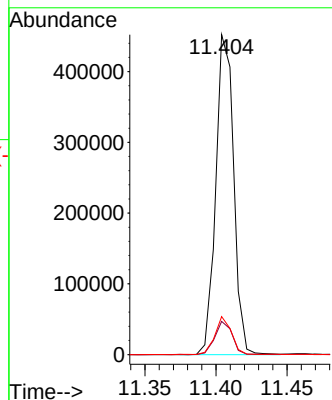
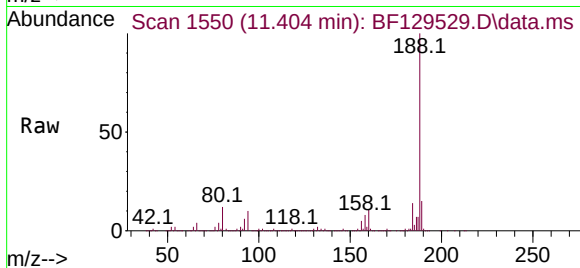




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129529.D
Acq: 03 Aug 2022 03:01

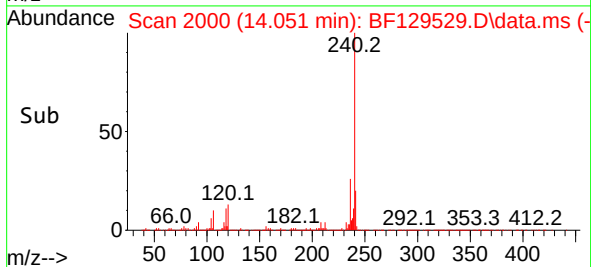
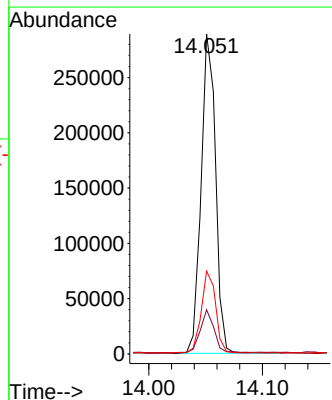
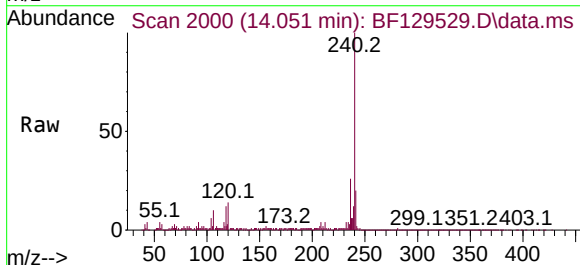
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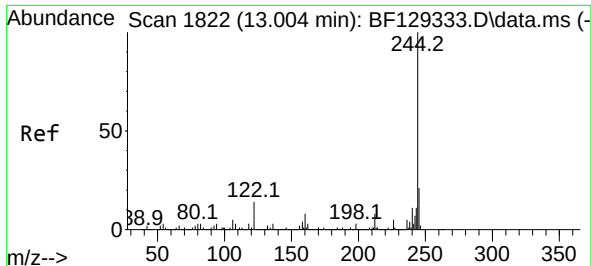
Tgt Ion:188 Resp: 396694
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.6
80 11.9 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF129529.D
Acq: 03 Aug 2022 03:01

Tgt Ion:240 Resp: 255614
Ion Ratio Lower Upper
240 100
120 13.8 8.9 13.3#
236 25.9 20.8 31.2

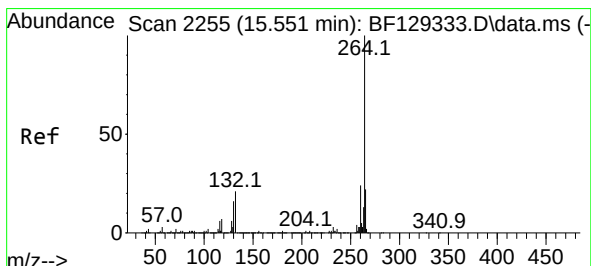
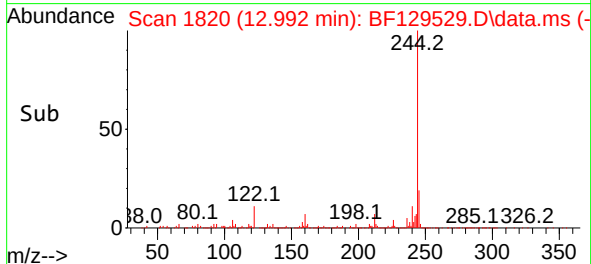
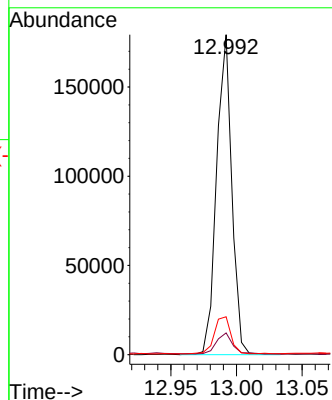
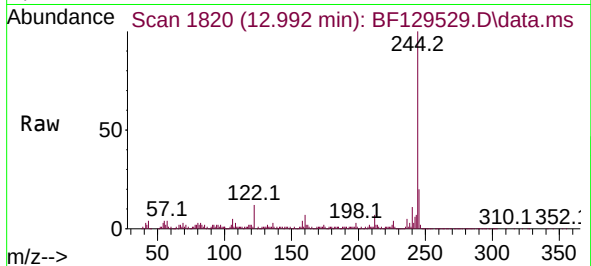




#79
 Terphenyl-d14
 Concen: 10.722 ng
 RT: 12.992 min Scan# 1822
 Delta R.T. 0.006 min
 Lab File: BF129529.D
 Acq: 03 Aug 2022 03:01

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-080122

Tgt Ion:244 Resp: 145277
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 11.8 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2253
 Delta R.T. 0.012 min
 Lab File: BF129529.D
 Acq: 03 Aug 2022 03:01

Tgt Ion:264 Resp: 201621
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.8 17.2 25.8

