

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129840.D
 Acq On : 17 Aug 2022 12:24
 Operator : CG\JU
 Sample : N4189-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15

Quant Time: Aug 17 13:34:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	134195	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	510763	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	226490	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	286502	20.000	ng	0.00
76) Chrysene-d12	14.004	240	261119	20.000	ng	0.00
86) Perylene-d12	15.480	264	225102	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	600643	74.107	ng	0.00
7) Phenol-d6	6.481	99	742019	73.107	ng	0.00
23) Nitrobenzene-d5	7.392	82	462994	48.525	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	124282	54.674	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	833535	55.895	ng	0.00
79) Terphenyl-d14	12.939	244	607843	38.734	ng	0.00

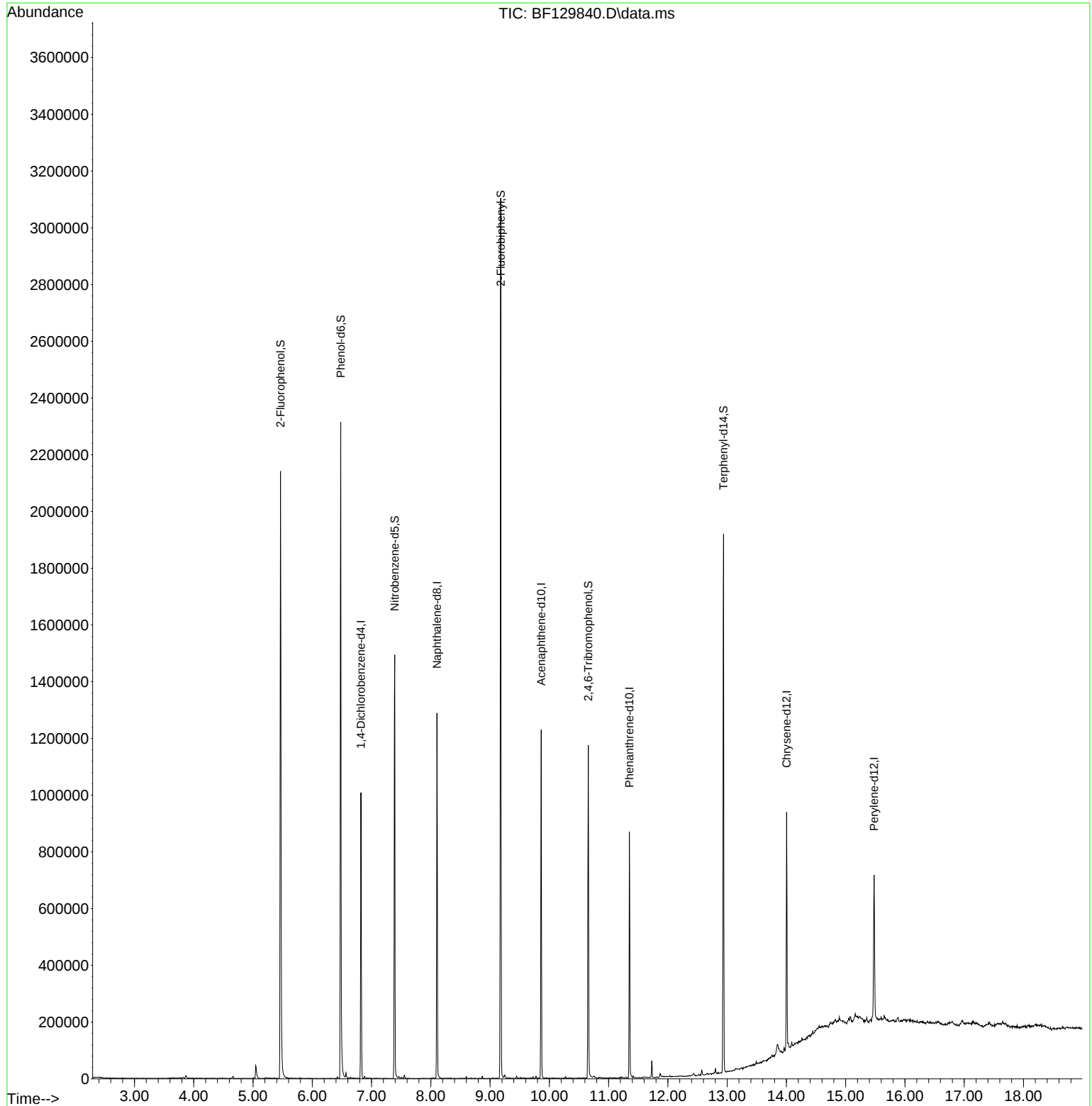
Target Compounds	Qvalue

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

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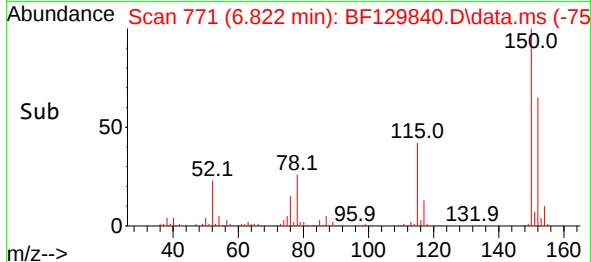
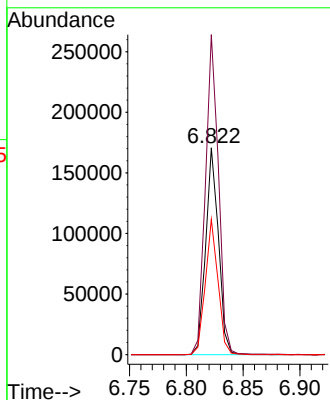
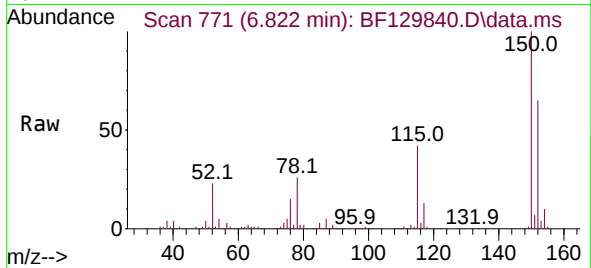




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129840.D
Acq: 17 Aug 2022 12:24

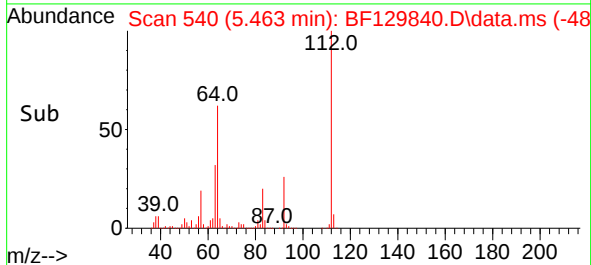
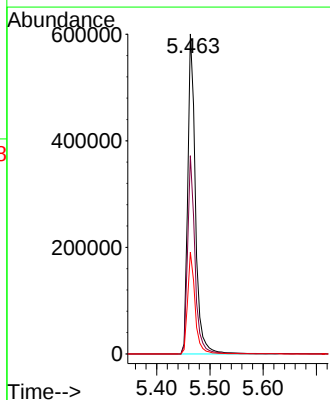
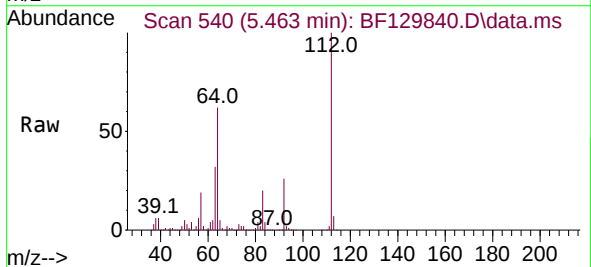
Instrument :
BNA_F
ClientSampleId :
SB15

Tgt Ion:152 Resp: 134195
Ion Ratio Lower Upper
152 100
150 154.7 126.9 190.3
115 65.5 53.4 80.0



#5
2-Fluorophenol
Concen: 74.107 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.000 min
Lab File: BF129840.D
Acq: 17 Aug 2022 12:24

Tgt Ion:112 Resp: 600643
Ion Ratio Lower Upper
112 100
64 61.9 47.6 71.4
63 31.8 24.6 37.0

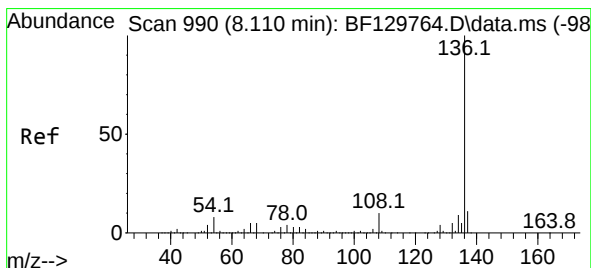
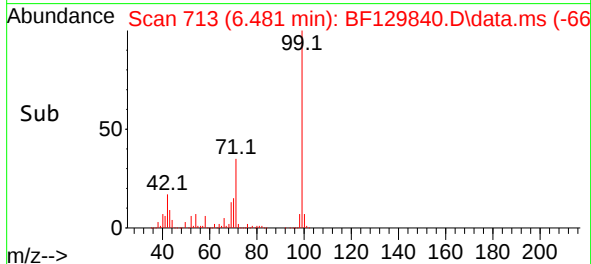
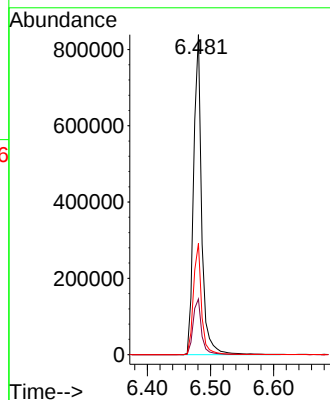
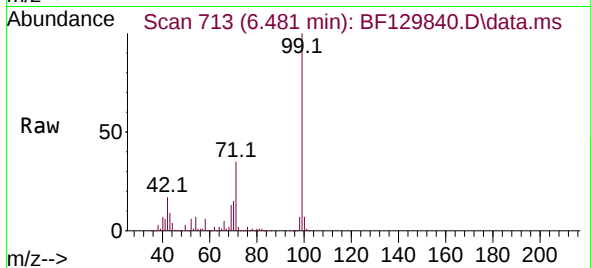




#7
Phenol-d6
Concen: 73.107 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF129840.D
Acq: 17 Aug 2022 12:24

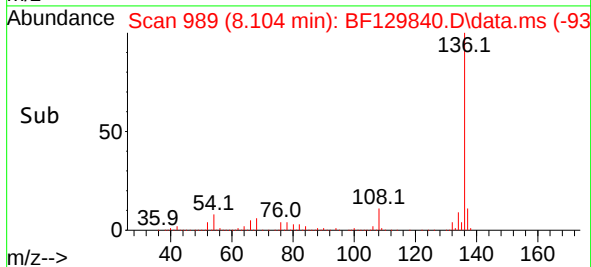
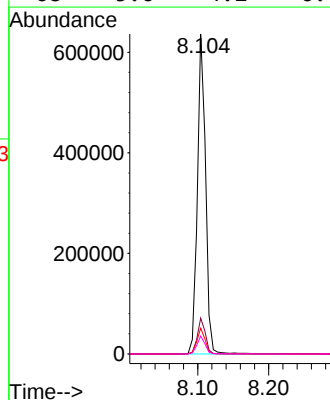
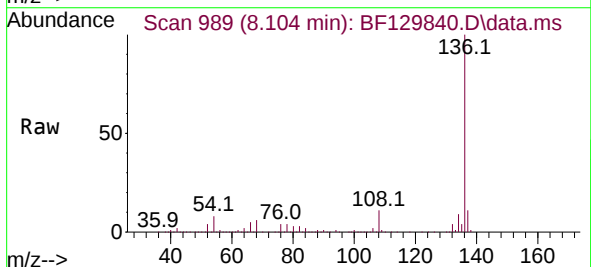
Instrument :
BNA_F
ClientSampleId :
SB15

Tgt Ion: 99 Resp: 742019
Ion Ratio Lower Upper
99 100
42 17.4 15.0 22.4
71 34.7 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129840.D
Acq: 17 Aug 2022 12:24

Tgt Ion: 136 Resp: 510763
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.0 6.2 9.2
68 5.6 4.2 6.4





#23

Nitrobenzene-d5

Concen: 48.525 ng

RT: 7.392 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF129840.D

Acq: 17 Aug 2022 12:24

Instrument :

BNA_F

ClientSampleId :

SB15

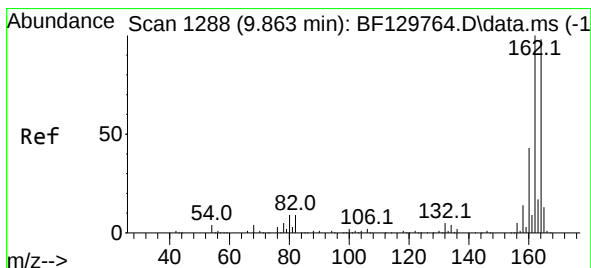
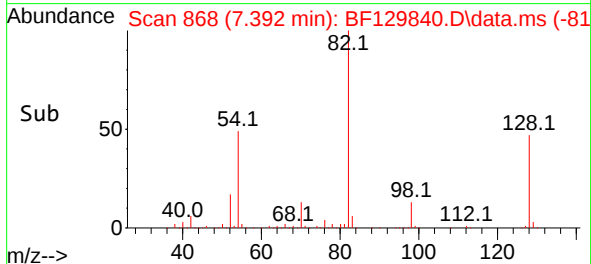
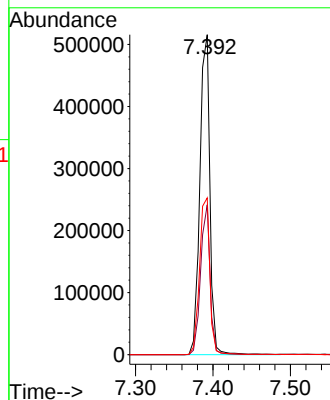
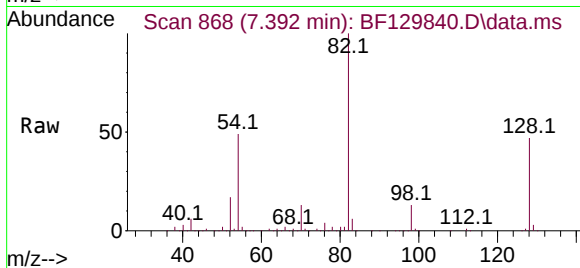
Tgt Ion: 82 Resp: 462994

Ion Ratio Lower Upper

82 100

128 46.8 36.1 54.1

54 49.0 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.000 min

Lab File: BF129840.D

Acq: 17 Aug 2022 12:24

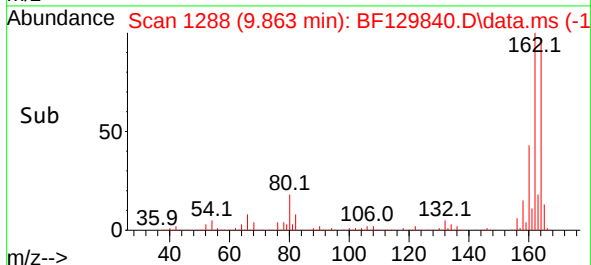
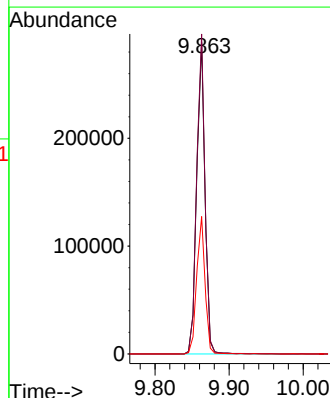
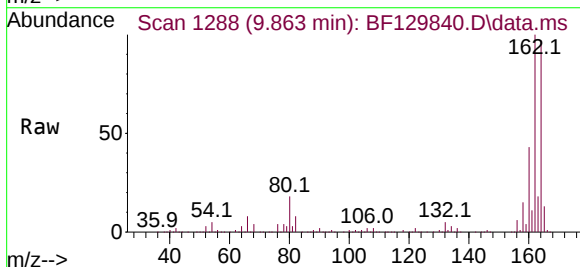
Tgt Ion:164 Resp: 226490

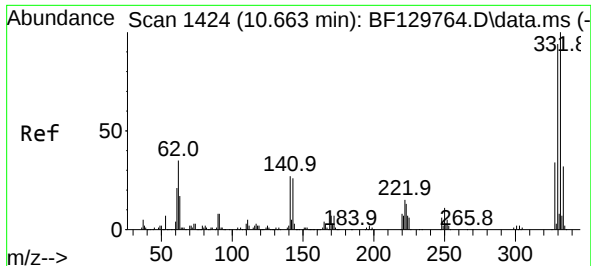
Ion Ratio Lower Upper

164 100

162 102.7 82.0 123.0

160 44.1 35.4 53.0

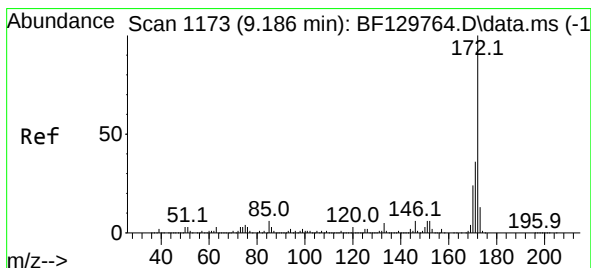
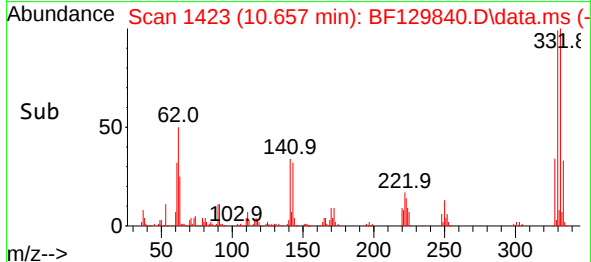
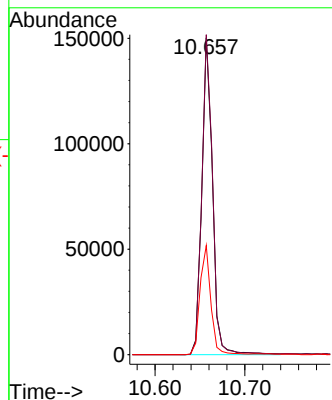
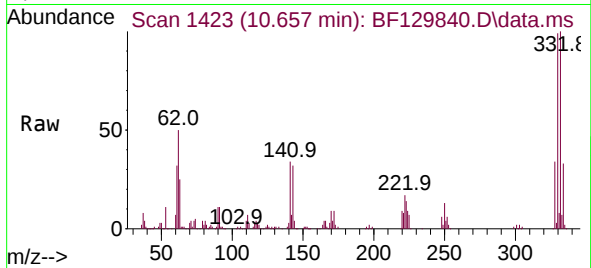




#42
2,4,6-Tribromophenol
Concen: 54.674 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF129840.D
Acq: 17 Aug 2022 12:24

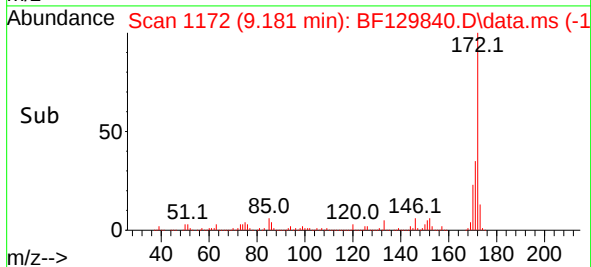
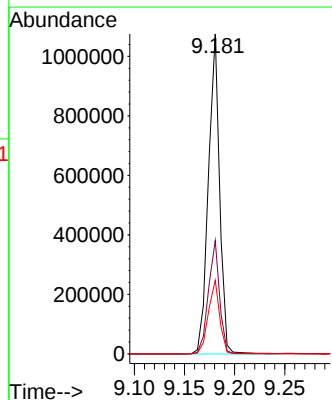
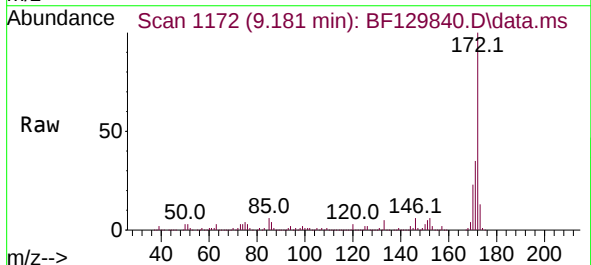
Instrument :
BNA_F
ClientSampleId :
SB15

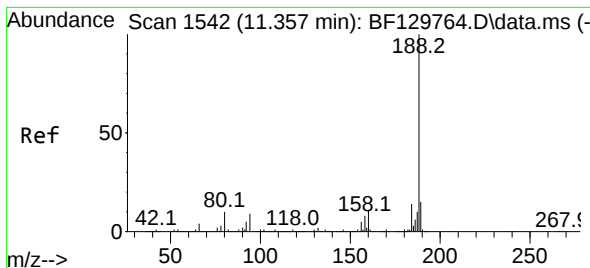
Tgt Ion: 330 Resp: 124282
Ion Ratio Lower Upper
330 100
332 100.9 82.6 124.0
141 34.7 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 55.895 ng
RT: 9.181 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF129840.D
Acq: 17 Aug 2022 12:24

Tgt Ion: 172 Resp: 833535
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.0 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129840.D

Acq: 17 Aug 2022 12:24

Instrument :

BNA_F

ClientSampleId :

SB15

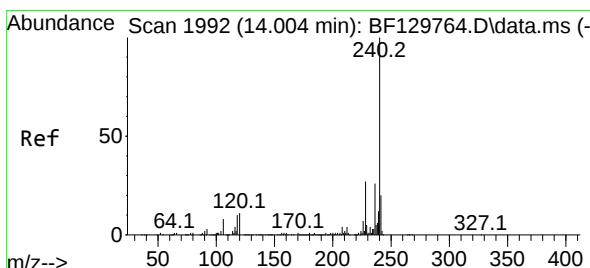
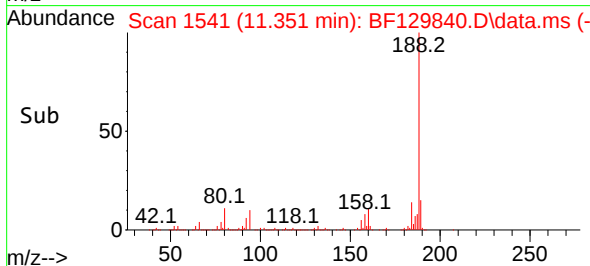
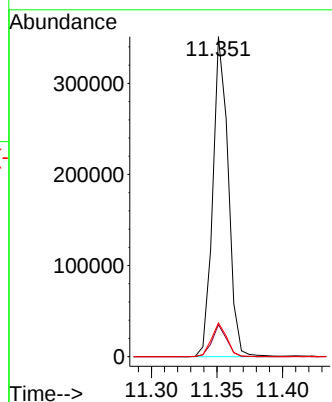
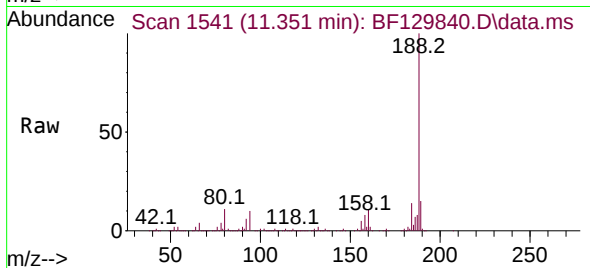
Tgt Ion:188 Resp: 286502

Ion Ratio Lower Upper

188 100

94 10.0 7.4 11.2

80 10.5 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 1992

Delta R.T. 0.000 min

Lab File: BF129840.D

Acq: 17 Aug 2022 12:24

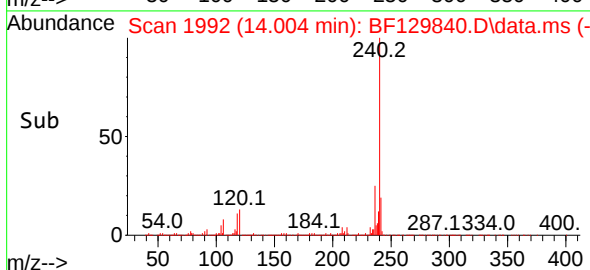
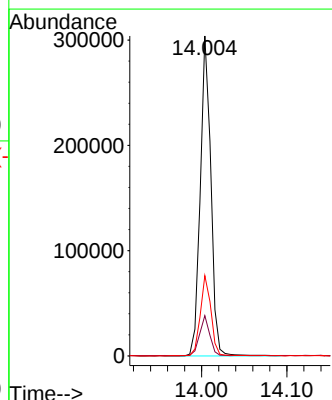
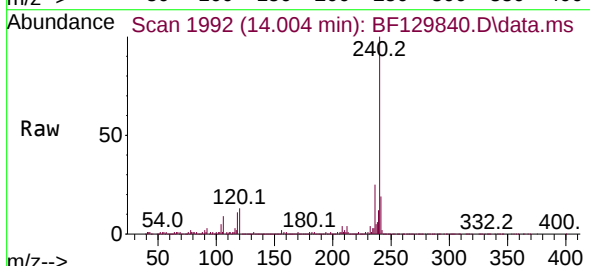
Tgt Ion:240 Resp: 261119

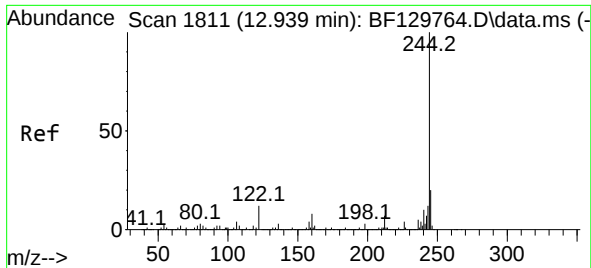
Ion Ratio Lower Upper

240 100

120 12.6 9.2 13.8

236 25.1 20.7 31.1





#79

Terphenyl-d14

Concen: 38.734 ng

RT: 12.939 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF129840.D

Acq: 17 Aug 2022 12:24

Instrument :

BNA_F

ClientSampleId :

SB15

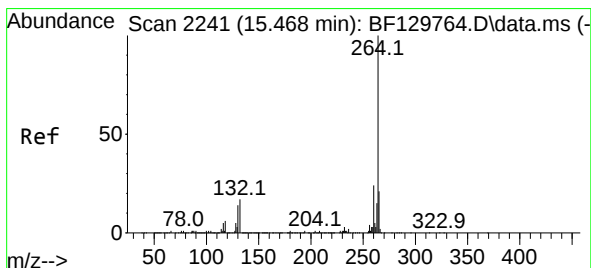
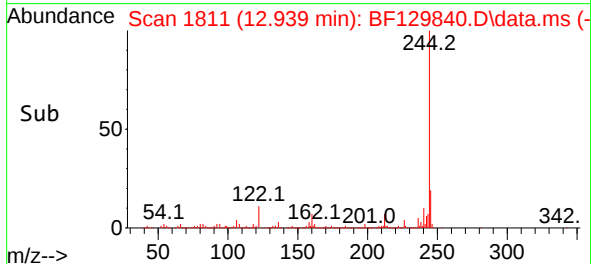
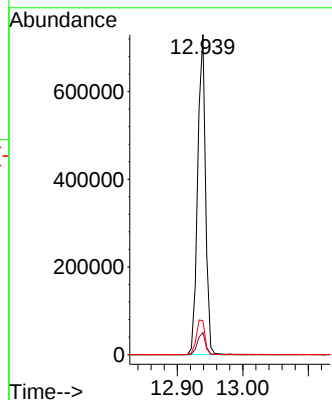
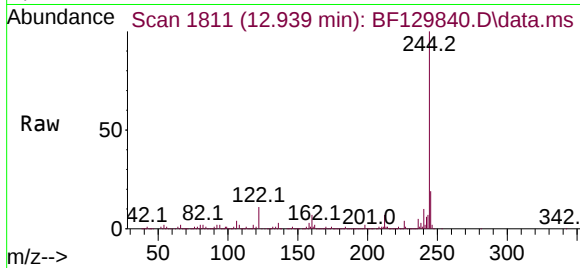
Tgt Ion:244 Resp: 607843

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 10.6 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2243

Delta R.T. 0.012 min

Lab File: BF129840.D

Acq: 17 Aug 2022 12:24

Tgt Ion:264 Resp: 225102

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 20.5 16.7 25.1

