

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129659.D
 Acq On : 09 Aug 2022 10:38
 Operator : CG\JU
 Sample : PB146816BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146816BL

Quant Time: Aug 09 12:27:14 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 16:27:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	197505	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	822405	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	471996	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	823906	20.000	ng	#-0.01
76) Chrysene-d12	14.016	240	556842	20.000	ng	-0.01
86) Perylene-d12	15.492	264	421294	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1538588	126.901	ng	0.00
7) Phenol-d6	6.493	99	1963016	128.811	ng	-0.01
23) Nitrobenzene-d5	7.410	82	1292580	85.797	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	614486	135.412	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2408434	78.936	ng	-0.01
79) Terphenyl-d14	12.963	244	2885467	97.760	ng	0.00

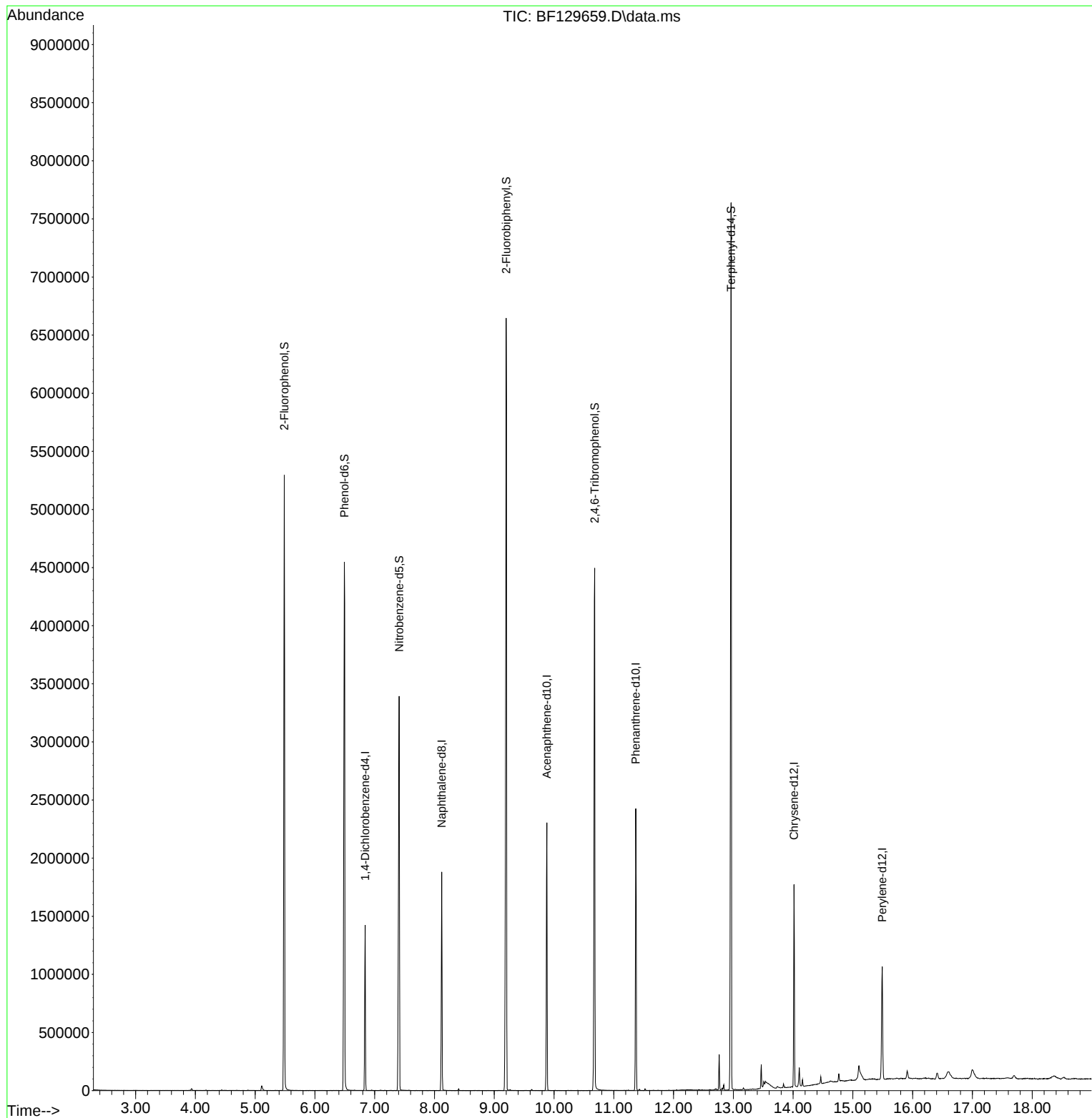
Target Compounds	Qvalue

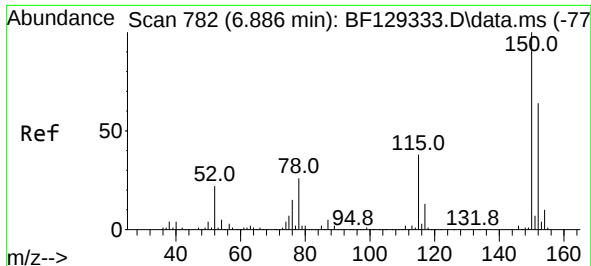
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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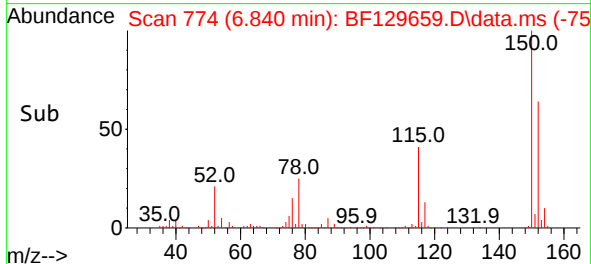
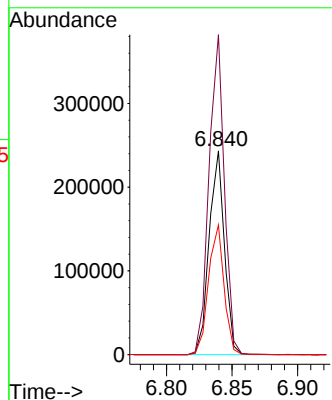
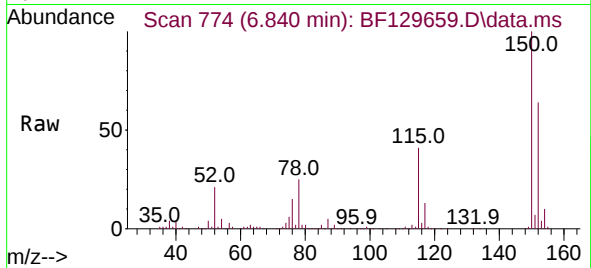




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF129659.D
Acq: 09 Aug 2022 10:38

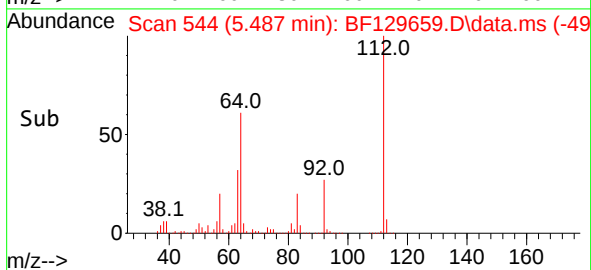
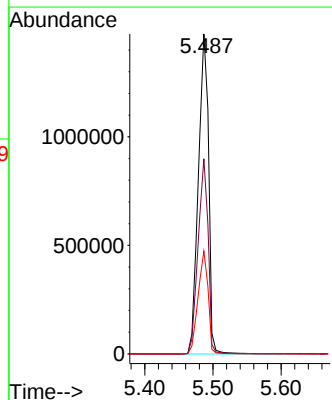
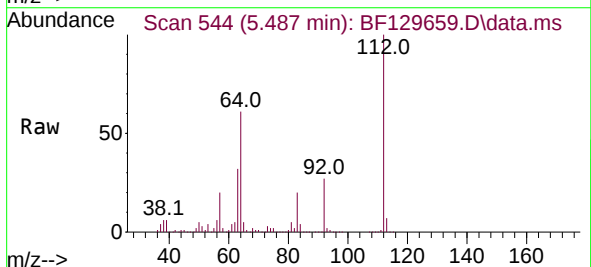
Instrument :
BNA_F
ClientSampleId :
PB146816BL

Tgt Ion:152 Resp: 197505
Ion Ratio Lower Upper
152 100
150 157.0 123.7 185.5
115 63.6 49.9 74.9



#5
2-Fluorophenol
Concen: 126.901 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.006 min
Lab File: BF129659.D
Acq: 09 Aug 2022 10:38

Tgt Ion:112 Resp: 1538588
Ion Ratio Lower Upper
112 100
64 61.0 53.3 79.9
63 32.1 28.0 42.0

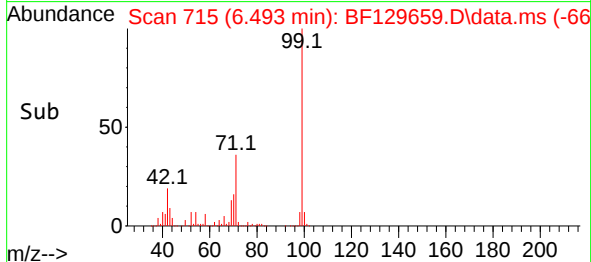
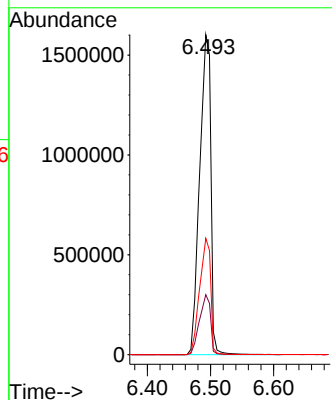
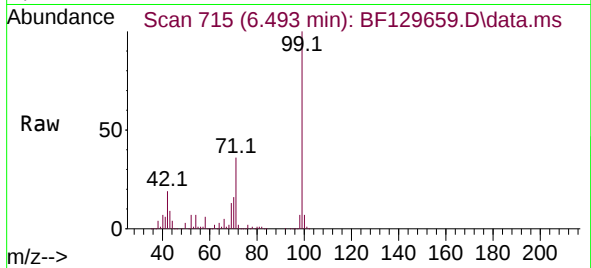




#7
Phenol-d6
Concen: 128.811 ng
RT: 6.493 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129659.D
Acq: 09 Aug 2022 10:38

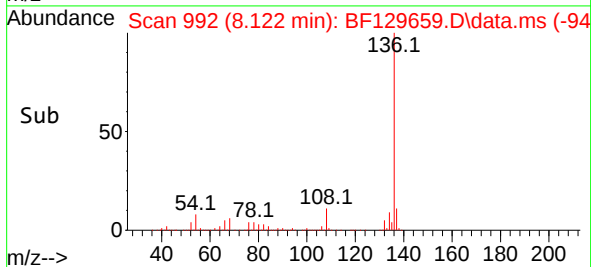
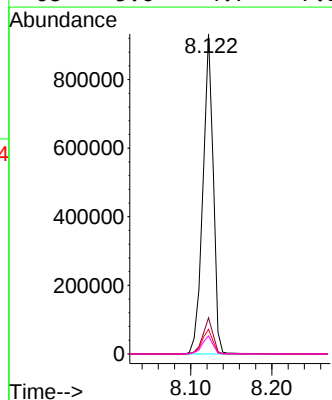
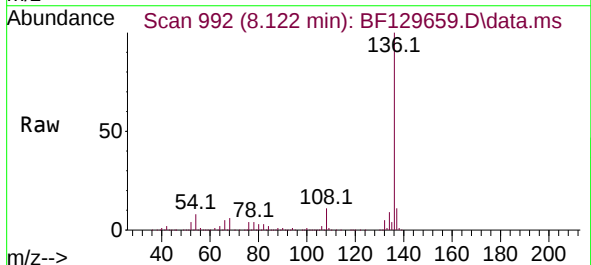
Instrument :
BNA_F
ClientSampleId :
PB146816BL

Tgt Ion: 99 Resp: 1963016
Ion Ratio Lower Upper
99 100
42 18.7 17.3 25.9
71 36.3 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129659.D
Acq: 09 Aug 2022 10:38

Tgt Ion: 136 Resp: 822405
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.7 7.5 11.3
68 5.6 4.7 7.1





#23

Nitrobenzene-d5

Concen: 85.797 ng

RT: 7.410 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129659.D

Acq: 09 Aug 2022 10:38

Instrument :

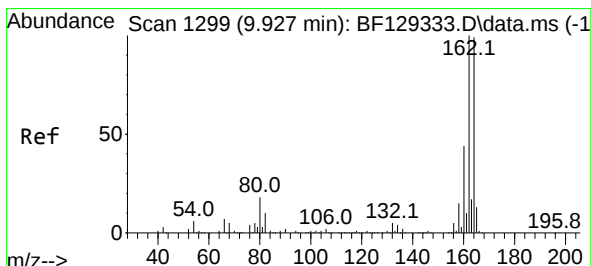
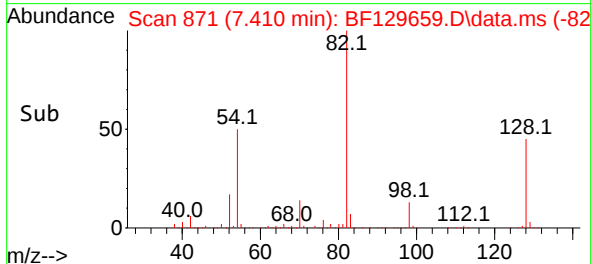
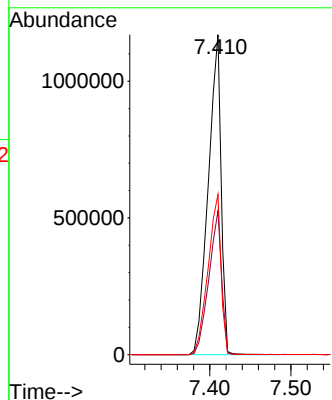
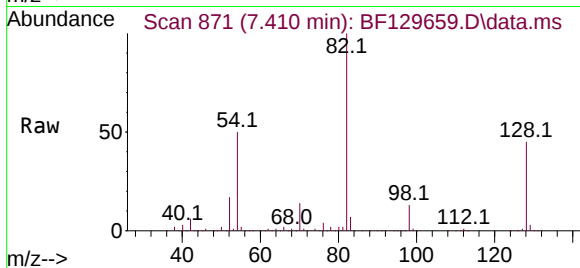
BNA_F

ClientSampleId :

PB146816BL

Tgt Ion: 82 Resp: 1292580

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.0	51.0
54	50.0	46.9	70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1291

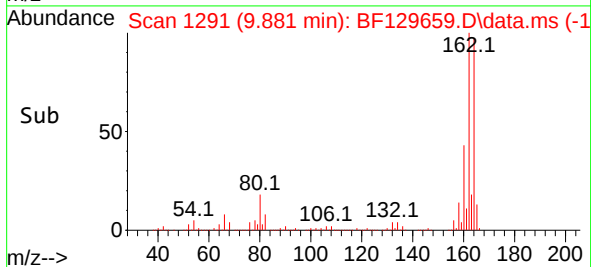
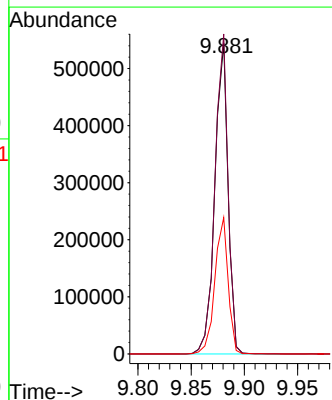
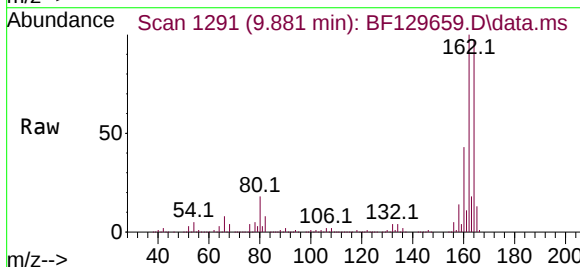
Delta R.T. -0.012 min

Lab File: BF129659.D

Acq: 09 Aug 2022 10:38

Tgt Ion: 164 Resp: 471996

Ion	Ratio	Lower	Upper
164	100		
162	102.9	79.5	119.3
160	43.8	34.2	51.4





#42

2,4,6-Tribromophenol

Concen: 135.412 ng

RT: 10.680 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129659.D

Acq: 09 Aug 2022 10:38

Instrument :

BNA_F

ClientSampleId :

PB146816BL

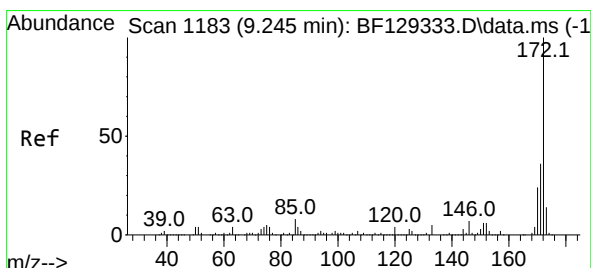
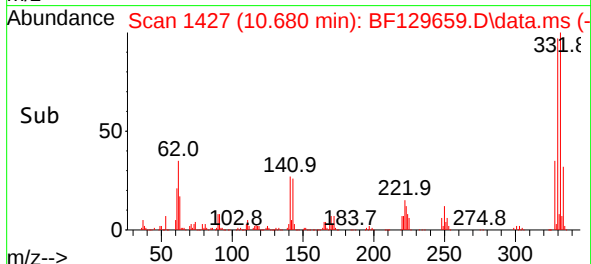
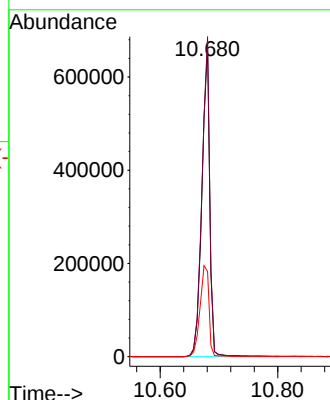
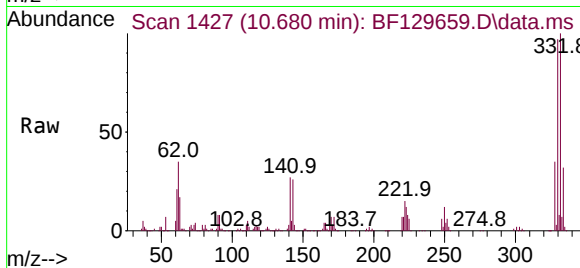
Tgt Ion:330 Resp: 614486

Ion Ratio Lower Upper

330 100

332 102.5 76.8 115.2

141 33.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 78.936 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129659.D

Acq: 09 Aug 2022 10:38

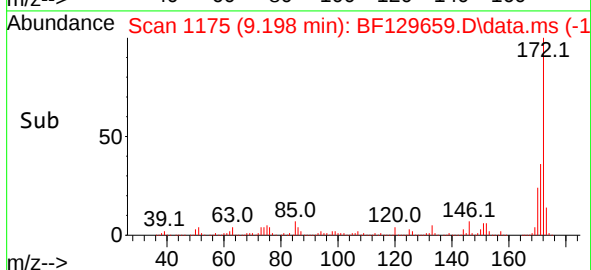
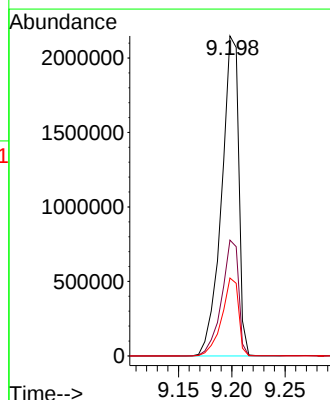
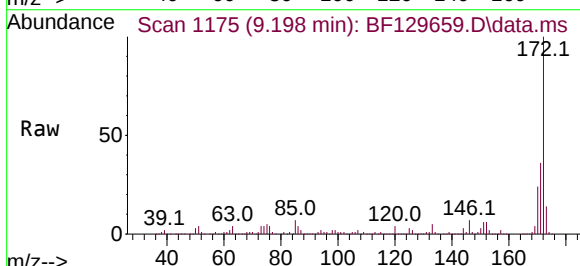
Tgt Ion:172 Resp: 2408434

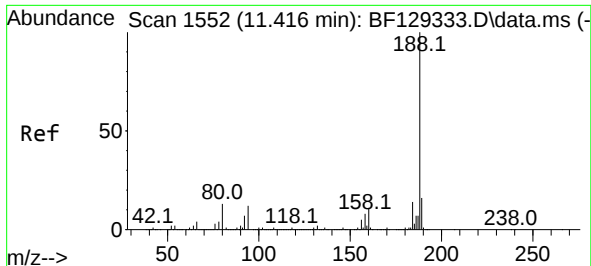
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.3 19.8 29.8

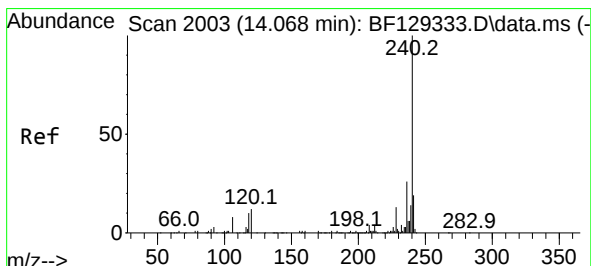
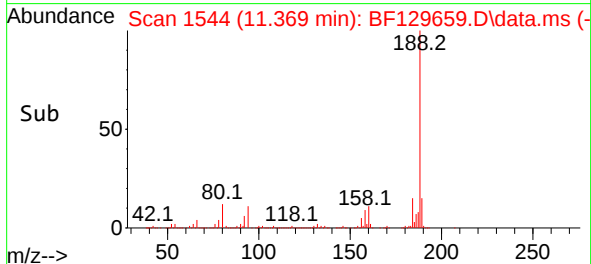
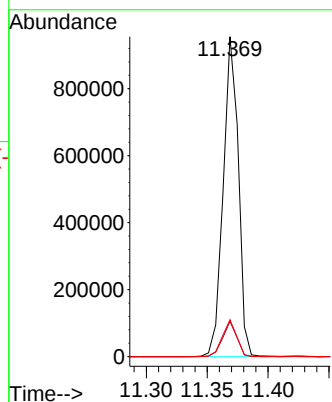
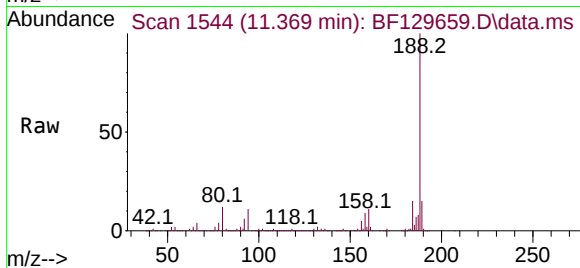




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129659.D
Acq: 09 Aug 2022 10:38

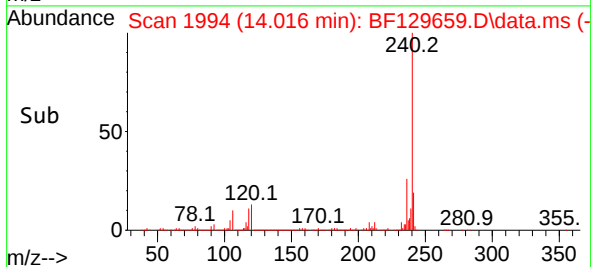
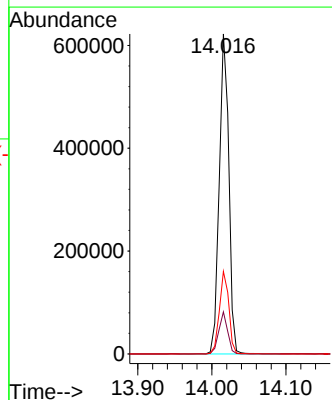
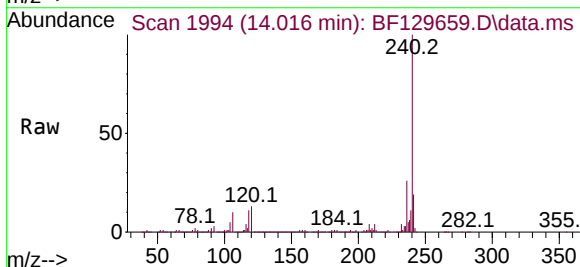
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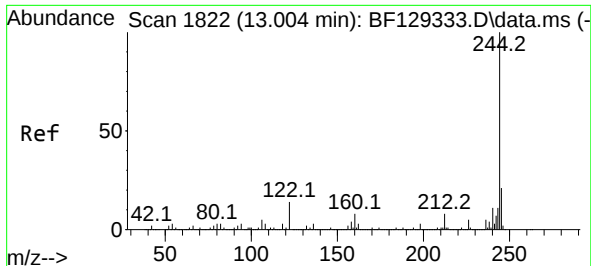
Tgt Ion:188 Resp: 823906
Ion Ratio Lower Upper
188 100
94 11.0 7.0 10.6#
80 11.6 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129659.D
Acq: 09 Aug 2022 10:38

Tgt Ion:240 Resp: 556842
Ion Ratio Lower Upper
240 100
120 13.1 8.9 13.3
236 25.8 20.8 31.2

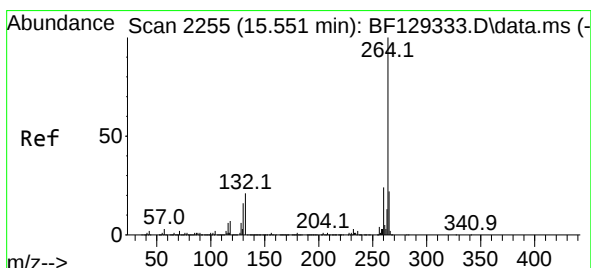
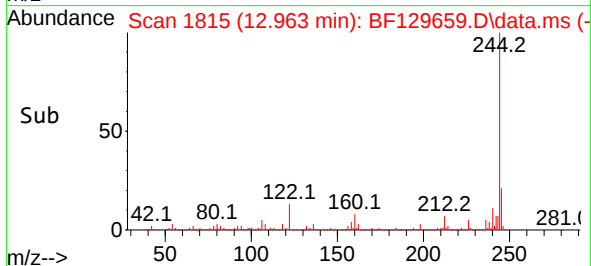
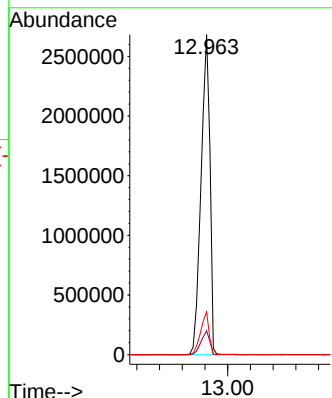
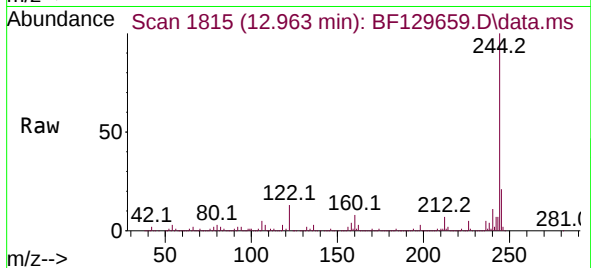




#79
Terphenyl-d14
Concen: 97.760 ng
RT: 12.963 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF129659.D
Acq: 09 Aug 2022 10:38

Instrument :
BNA_F
ClientSampleId :
PB146816BL

Tgt Ion:244 Resp: 2885467
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 13.4 8.8 13.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF129659.D
Acq: 09 Aug 2022 10:38

Tgt Ion:264 Resp: 421294
Ion Ratio Lower Upper
264 100
260 24.1 18.4 27.6
265 21.6 17.2 25.8

