

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129890.D
 Acq On : 18 Aug 2022 22:54
 Operator : CG\JU
 Sample : N4215-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Aug 19 01:06:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 12:03:10 2022
 Response via : Initial Calibration

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

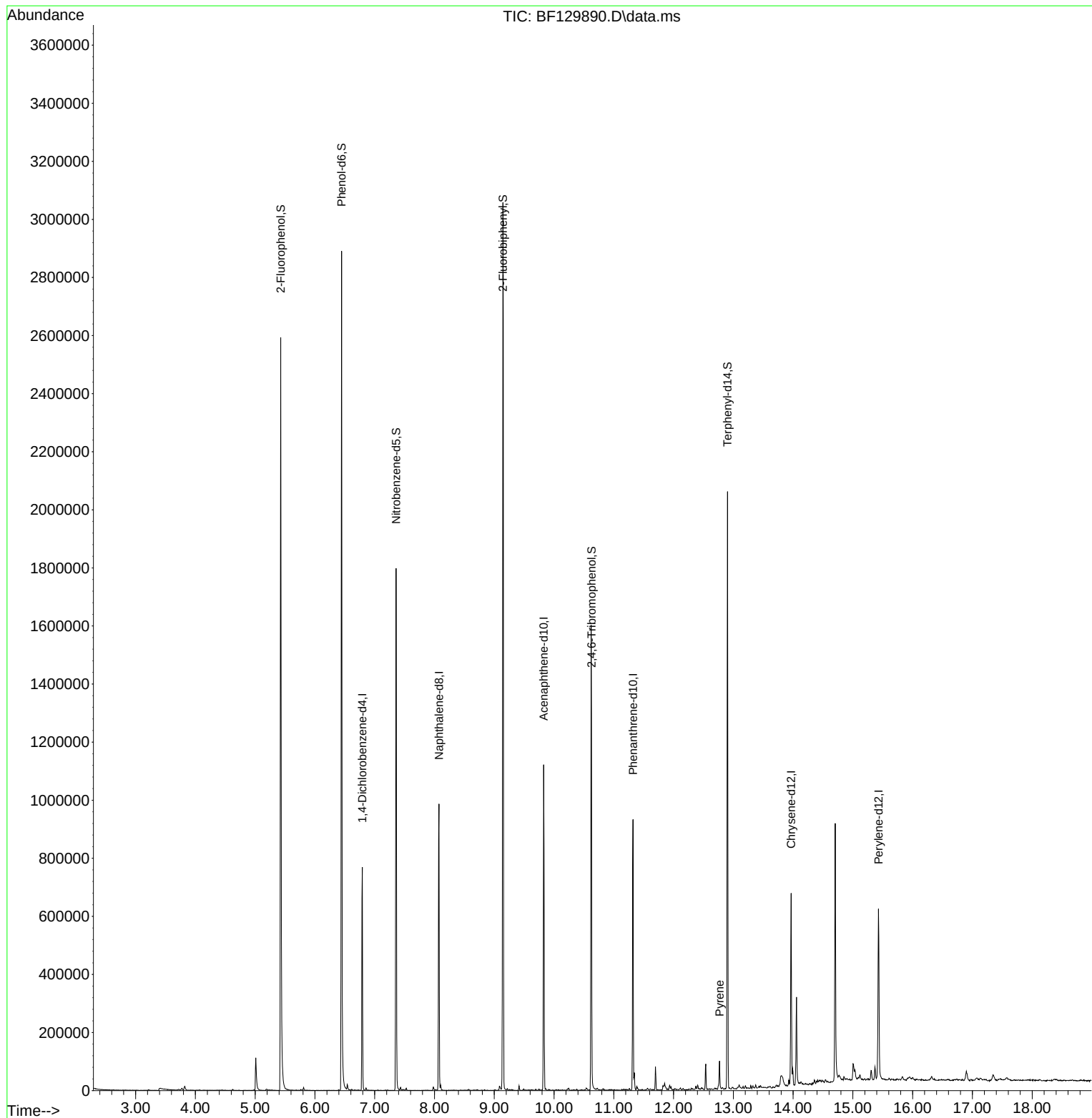
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	114007	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	445490	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	218972	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	315114	20.000	ng	0.00
76) Chrysene-d12	13.968	240	202371	20.000	ng	0.00
86) Perylene-d12	15.427	264	255631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	706562	102.613	ng	0.00
7) Phenol-d6	6.445	99	891560	103.395	ng	0.00
23) Nitrobenzene-d5	7.357	82	550384	66.136	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	183097	83.313	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	952032	66.034	ng	0.00
79) Terphenyl-d14	12.904	244	637000	52.375	ng	0.00
Target Compounds						
78) Pyrene	12.769	202	37819	2.151	ng	Qvalue 99

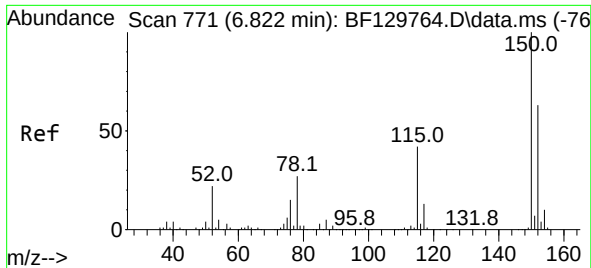
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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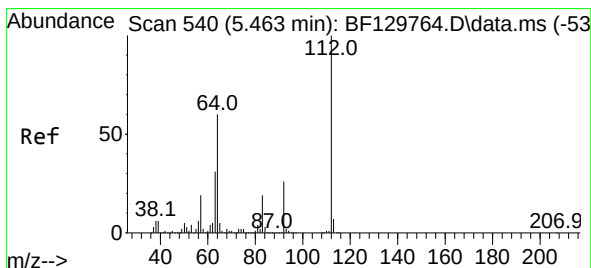
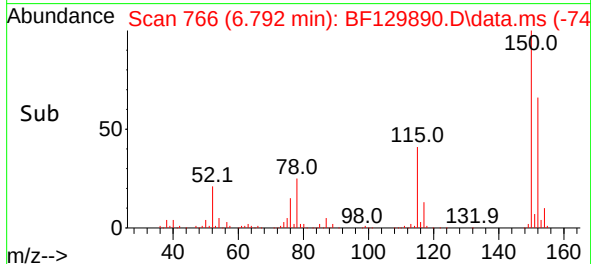
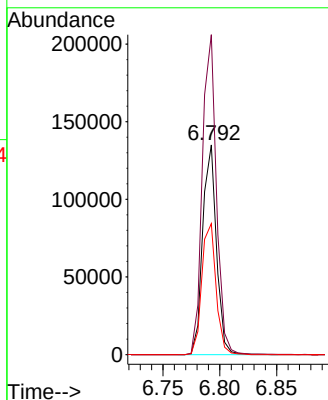
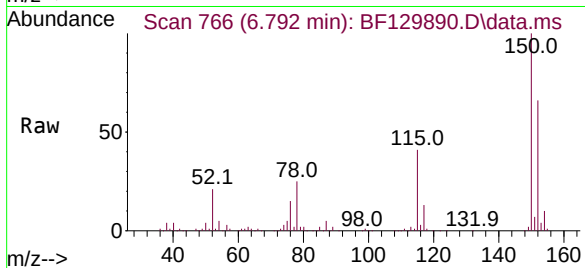




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BF129890.D
 Acq: 18 Aug 2022 22:54

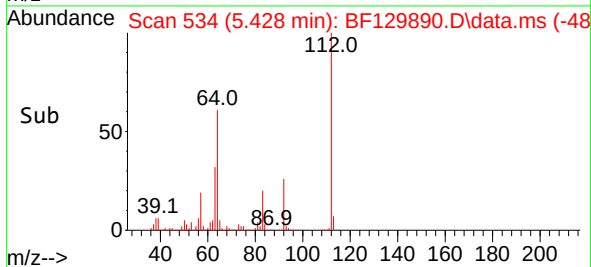
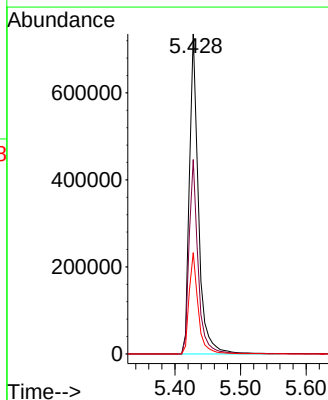
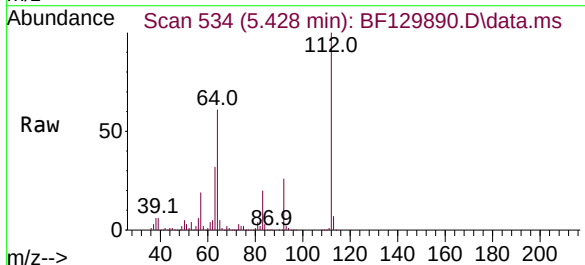
Instrument :
 BNA_F
 ClientSampleId :
 WC-2

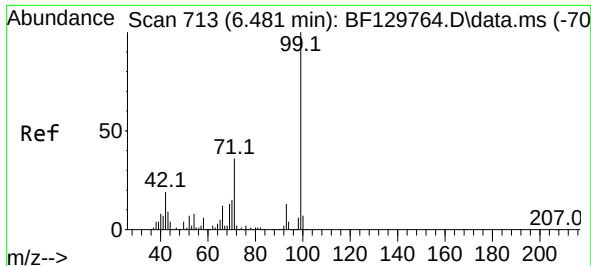
Tgt Ion:152 Resp: 114007
 Ion Ratio Lower Upper
 152 100
 150 152.6 126.9 190.3
 115 62.4 53.4 80.0



#5
 2-Fluorophenol
 Concen: 102.613 ng
 RT: 5.428 min Scan# 534
 Delta R.T. 0.000 min
 Lab File: BF129890.D
 Acq: 18 Aug 2022 22:54

Tgt Ion:112 Resp: 706562
 Ion Ratio Lower Upper
 112 100
 64 60.7 47.6 71.4
 63 31.6 24.6 37.0

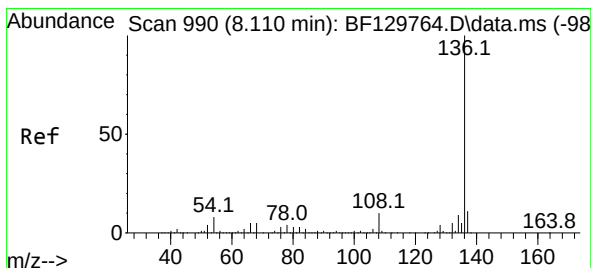
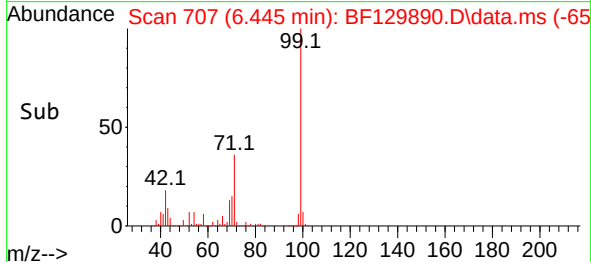
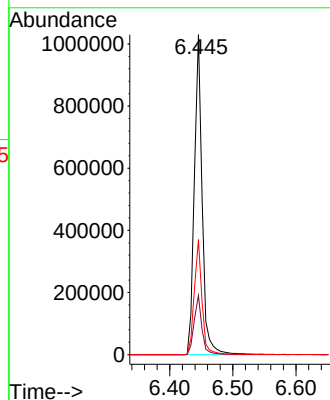
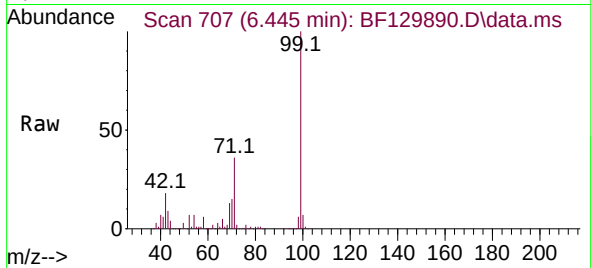




#7
Phenol-d6
Concen: 103.395 ng
RT: 6.445 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

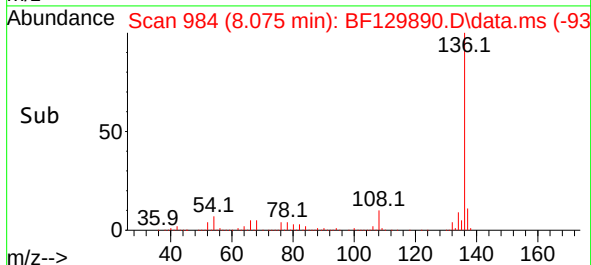
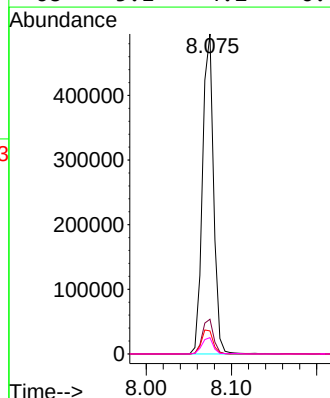
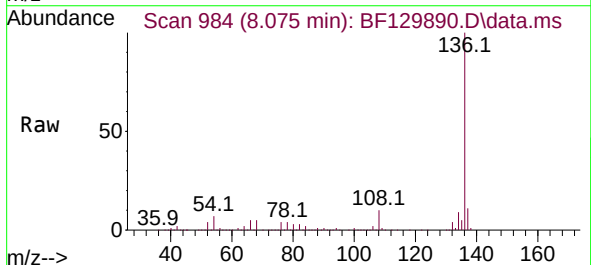
Instrument :
BNA_F
ClientSampleId :
WC-2

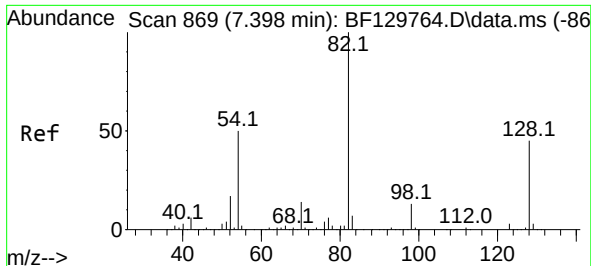
Tgt Ion: 99 Resp: 891560
Ion Ratio Lower Upper
99 100
42 18.5 15.0 22.4
71 35.9 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

Tgt Ion: 136 Resp: 445490
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.2 6.2 9.2
68 5.1 4.2 6.4

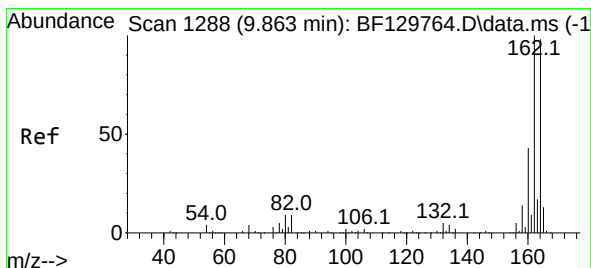
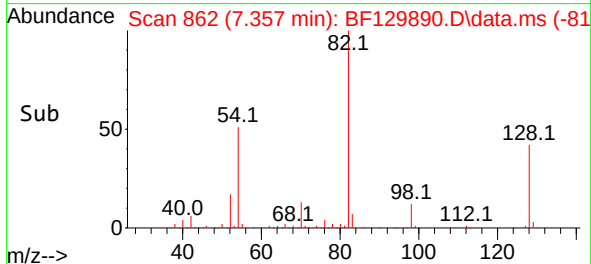
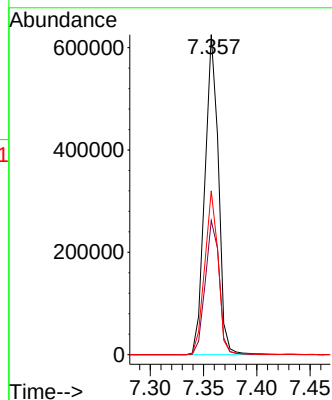
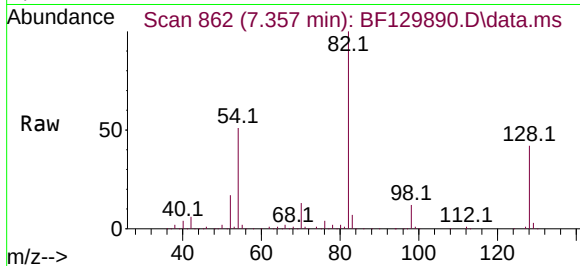




#23
Nitrobenzene-d5
Concen: 66.136 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

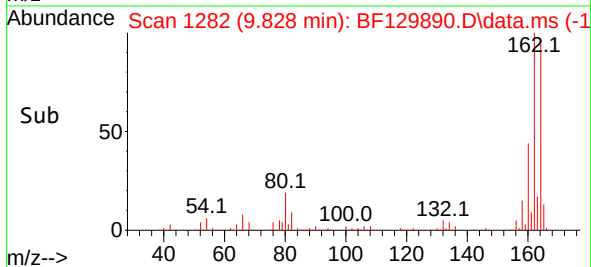
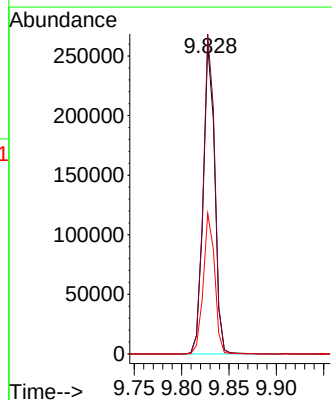
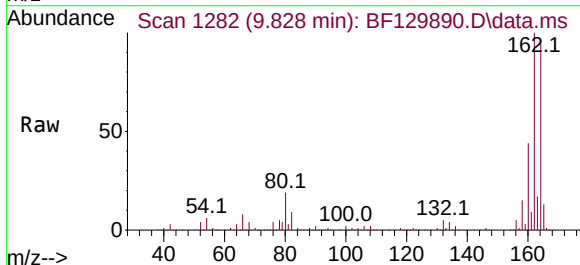
Instrument :
BNA_F
ClientSampleId :
WC-2

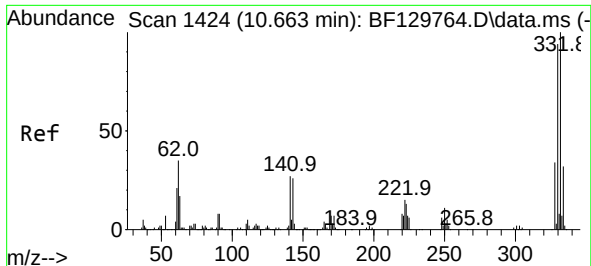
Tgt Ion: 82 Resp: 550384
Ion Ratio Lower Upper
82 100
128 41.9 36.1 54.1
54 51.2 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

Tgt Ion:164 Resp: 218972
Ion Ratio Lower Upper
164 100
162 103.6 82.0 123.0
160 45.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 83.313 ng

RT: 10.627 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF129890.D

Acq: 18 Aug 2022 22:54

Instrument :

BNA_F

ClientSampleId :

WC-2

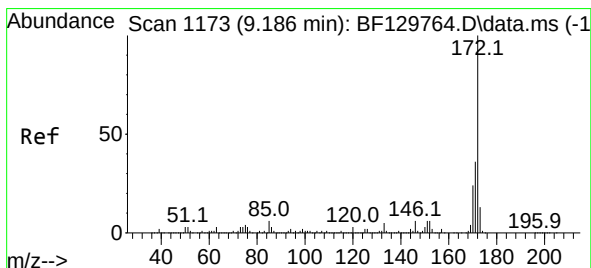
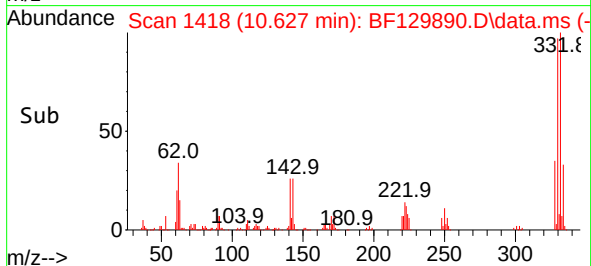
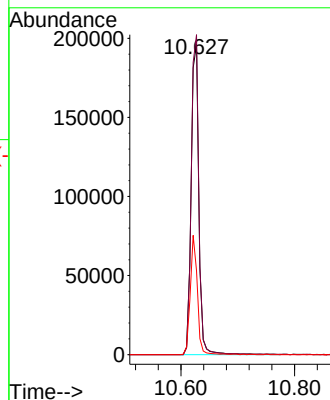
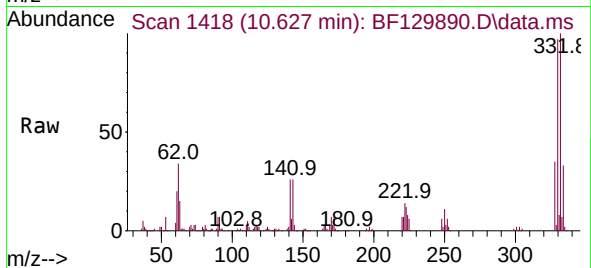
Tgt Ion:330 Resp: 183097

Ion Ratio Lower Upper

330 100

332 101.8 82.6 124.0

141 35.5 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 66.034 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF129890.D

Acq: 18 Aug 2022 22:54

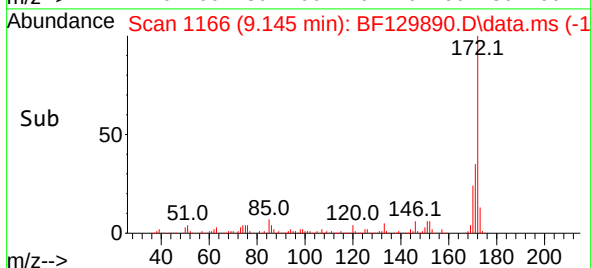
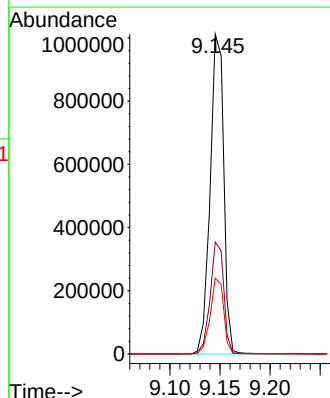
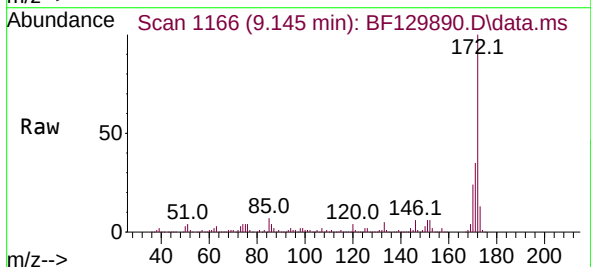
Tgt Ion:172 Resp: 952032

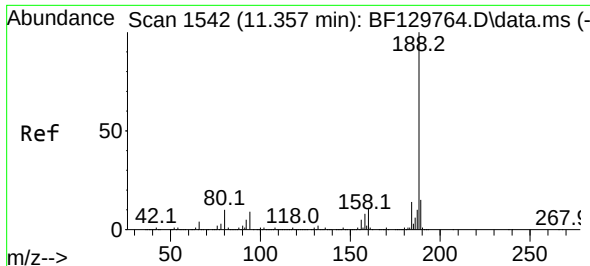
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.6 19.1 28.7

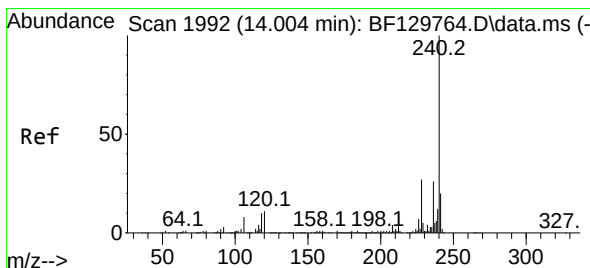
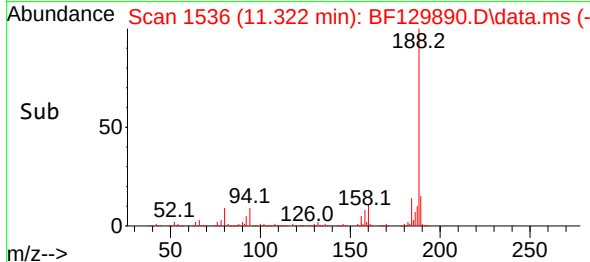
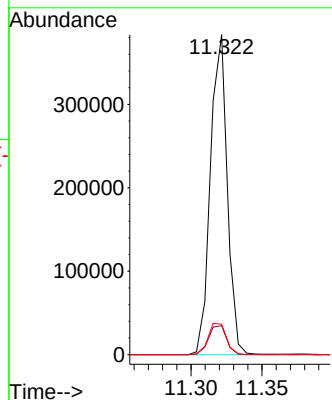
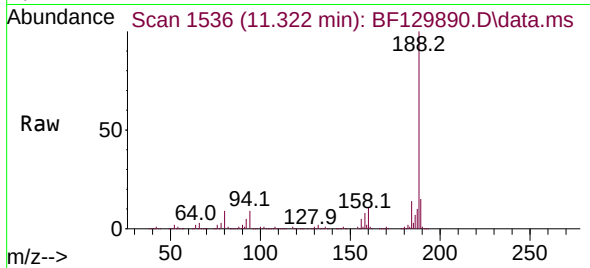




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

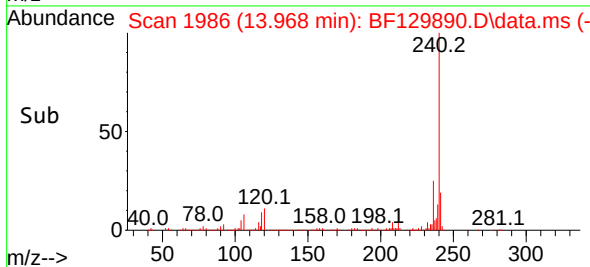
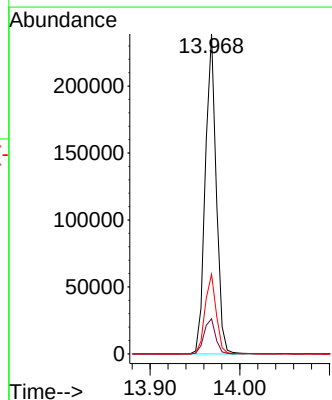
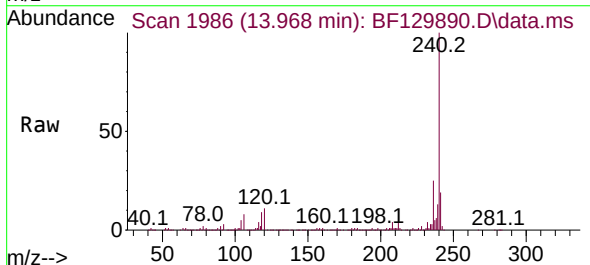
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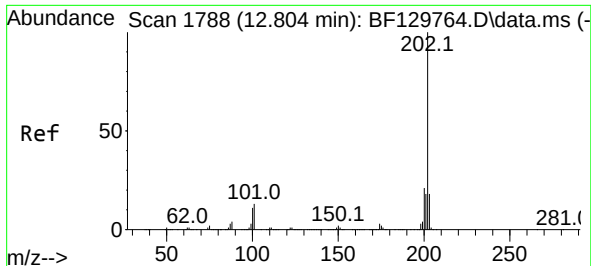
Tgt Ion:188 Resp: 315114
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

Tgt Ion:240 Resp: 202371
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 24.9 20.7 31.1

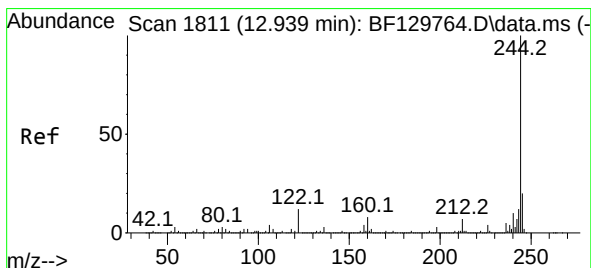
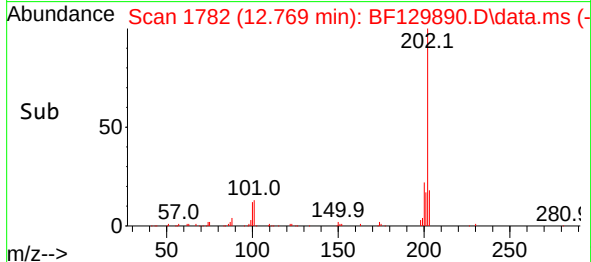
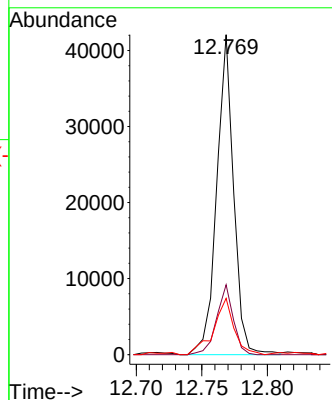
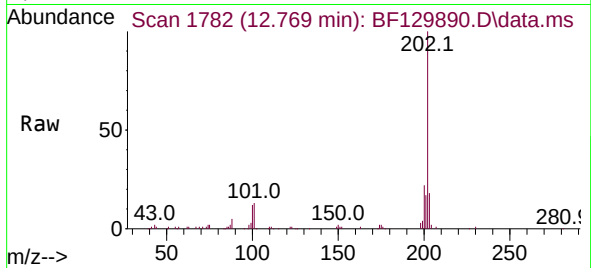




#78
 Pyrene
 Concen: 2.151 ng
 RT: 12.769 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF129890.D
 Acq: 18 Aug 2022 22:54

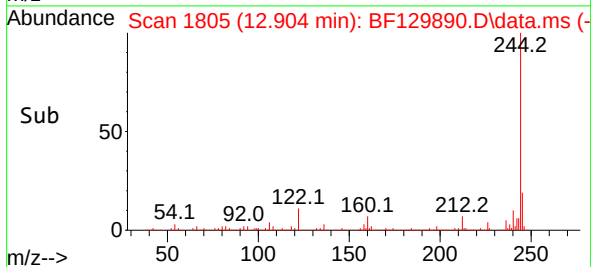
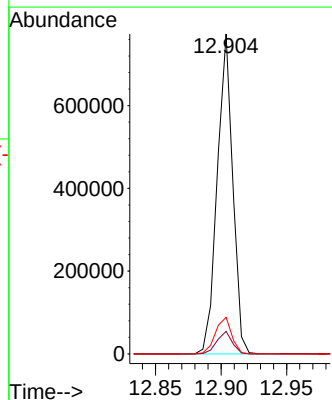
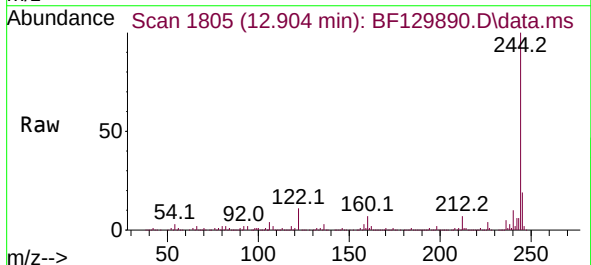
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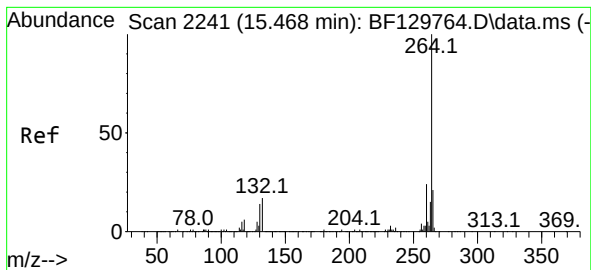
Tgt Ion:202 Resp: 37819
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.0 25.6
 203 17.6 14.1 21.1



#79
 Terphenyl-d14
 Concen: 52.375 ng
 RT: 12.904 min Scan# 1805
 Delta R.T. -0.006 min
 Lab File: BF129890.D
 Acq: 18 Aug 2022 22:54

Tgt Ion:244 Resp: 637000
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.4 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF129890.D

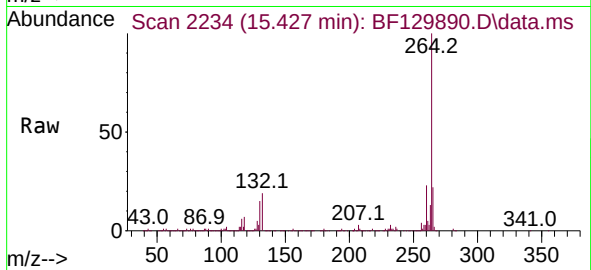
Acq: 18 Aug 2022 22:54

Instrument :

BNA_F

ClientSampleId :

WC-2



Tgt Ion:264 Resp: 255631

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.5 16.7 25.1

