

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129870.D
 Acq On : 18 Aug 2022 12:04
 Operator : CG\JU
 Sample : N4189-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB13

Quant Time: Aug 18 13:36:35 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	6.793	152	136973	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	556300	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	293898	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	521937	20.000	ng	0.00
76) Chrysene-d12	13.969	240	296612	20.000	ng	0.00
86) Perylene-d12	15.433	264	245300	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	493465	59.649	ng	0.00
7) Phenol-d6	6.446	99	634430	61.239	ng	0.00
23) Nitrobenzene-d5	7.357	82	398603	38.357	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	143047	48.495	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	782748	40.451	ng	0.00
79) Terphenyl-d14	12.904	244	840323	47.140	ng	0.00

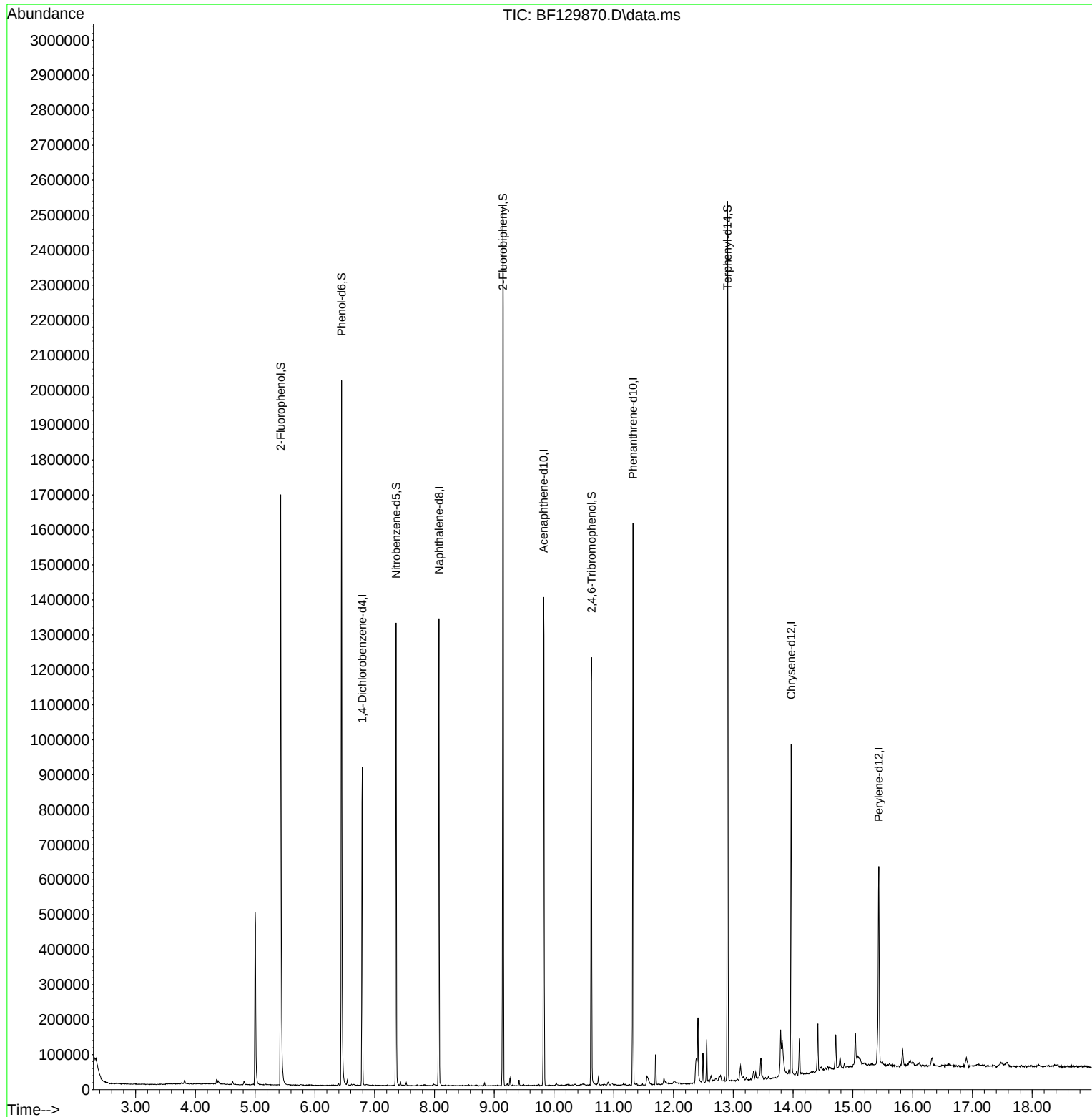
Target Compounds Qvalue

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

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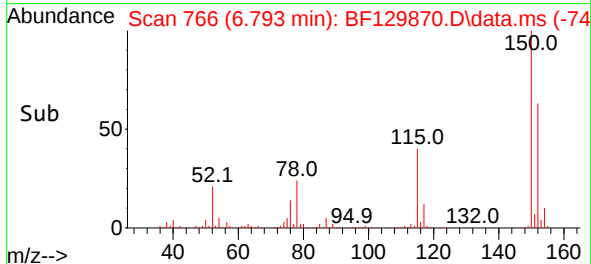
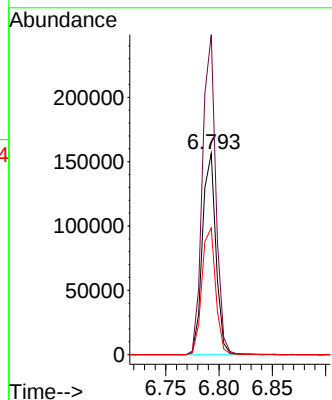
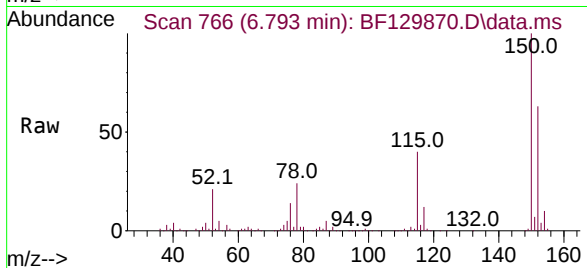




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 70
Delta R.T. 0.001 min
Lab File: BF129870.D
Acq: 18 Aug 2022 12:04

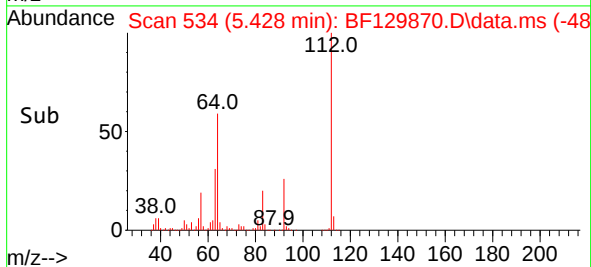
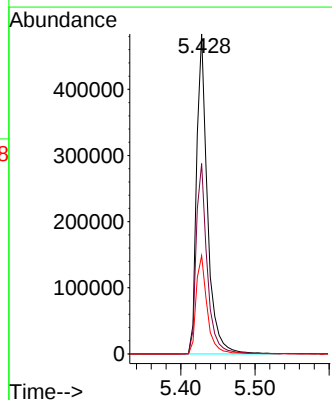
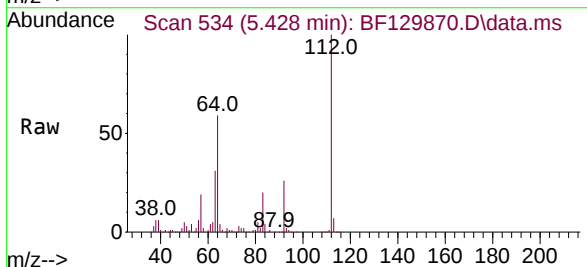
Instrument :
BNA_F
ClientSampleId :
SB13

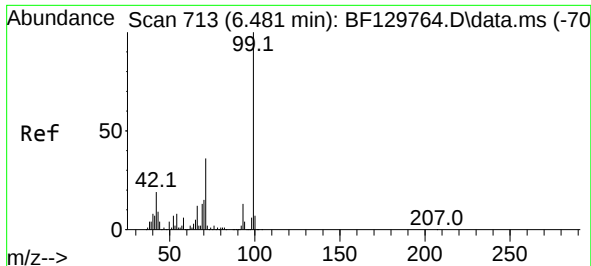
Tgt Ion:152 Resp: 136973
Ion Ratio Lower Upper
152 100
150 159.2 126.9 190.3
115 63.1 53.4 80.0



#5
2-Fluorophenol
Concen: 59.649 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.000 min
Lab File: BF129870.D
Acq: 18 Aug 2022 12:04

Tgt Ion:112 Resp: 493465
Ion Ratio Lower Upper
112 100
64 59.5 47.6 71.4
63 30.7 24.6 37.0

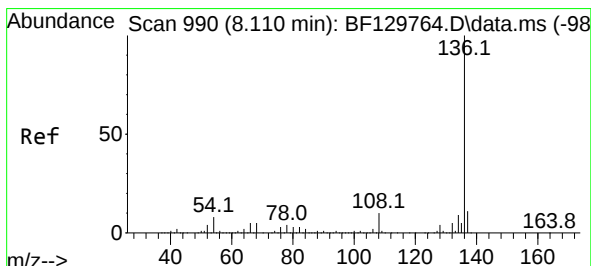
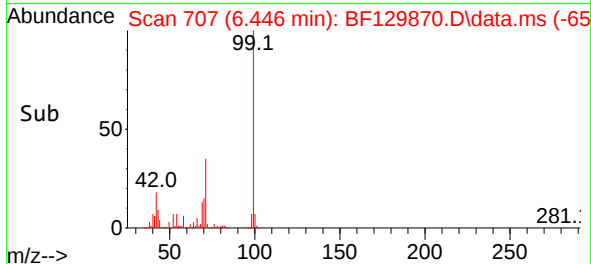
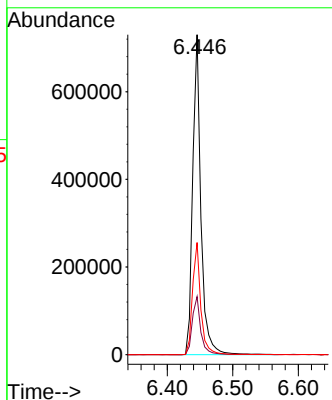
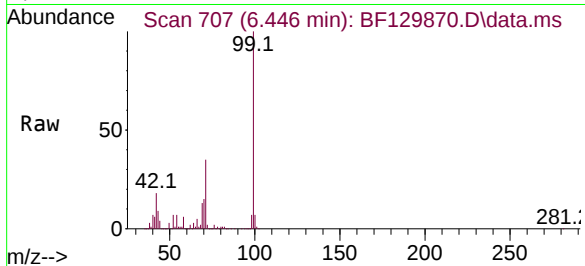




#7
Phenol-d6
Concen: 61.239 ng
RT: 6.446 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129870.D
Acq: 18 Aug 2022 12:04

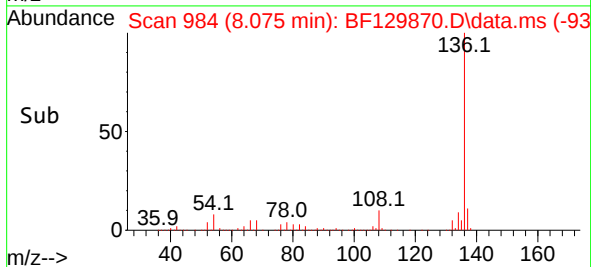
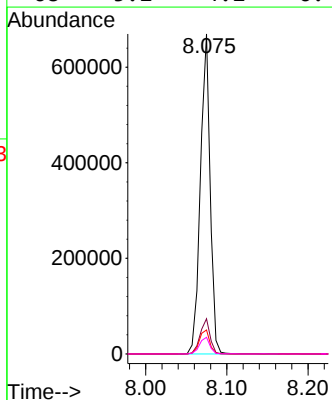
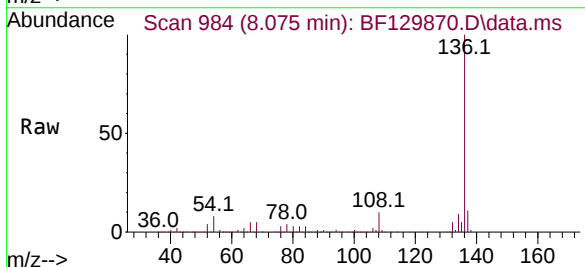
Instrument :
BNA_F
ClientSampleId :
SB13

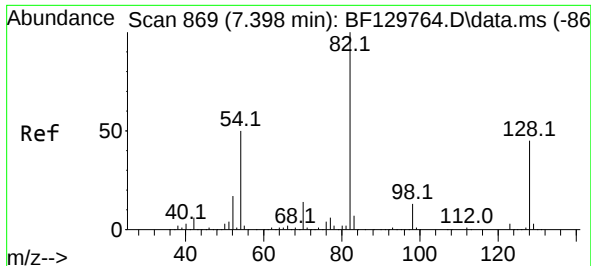
Tgt Ion: 99 Resp: 634430
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.4
71 35.1 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129870.D
Acq: 18 Aug 2022 12:04

Tgt Ion: 136 Resp: 556300
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.5 6.2 9.2
68 5.2 4.2 6.4





#23

Nitrobenzene-d5

Concen: 38.357 ng

RT: 7.357 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF129870.D

Acq: 18 Aug 2022 12:04

Instrument :

BNA_F

ClientSampleId :

SB13

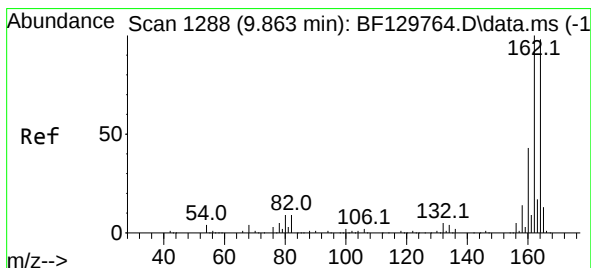
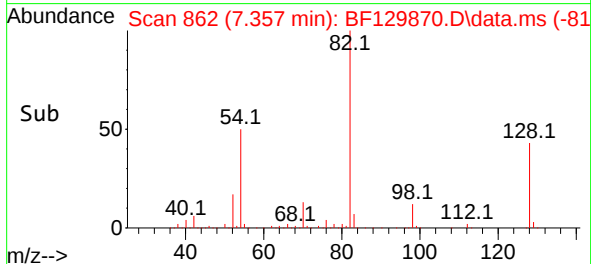
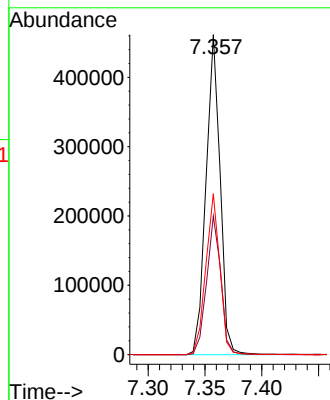
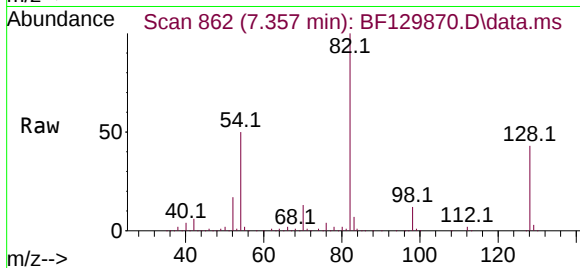
Tgt Ion: 82 Resp: 398603

Ion Ratio Lower Upper

82 100

128 43.3 36.1 54.1

54 50.3 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: BF129870.D

Acq: 18 Aug 2022 12:04

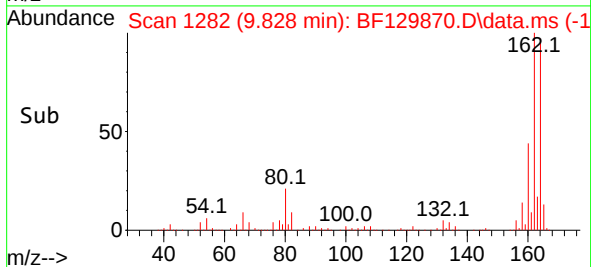
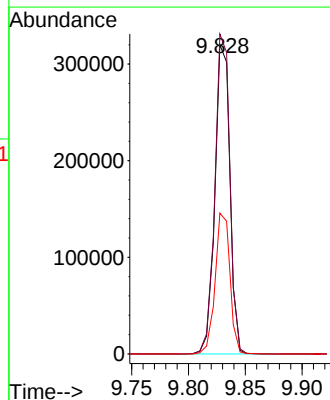
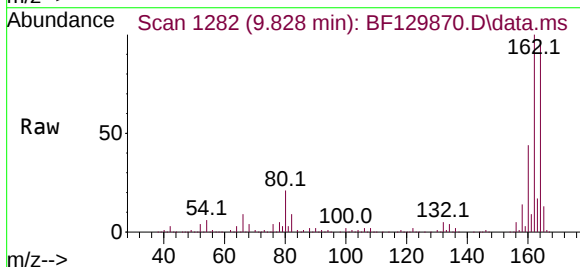
Tgt Ion:164 Resp: 293898

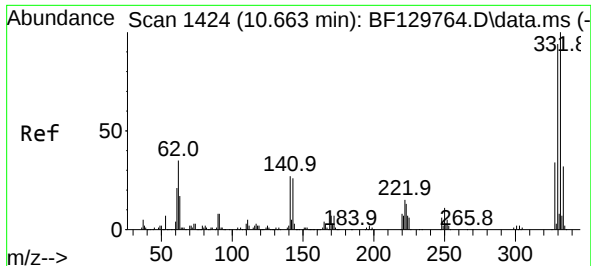
Ion Ratio Lower Upper

164 100

162 103.5 82.0 123.0

160 45.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 48.495 ng

RT: 10.628 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF129870.D

Acq: 18 Aug 2022 12:04

Instrument :

BNA_F

ClientSampleId :

SB13

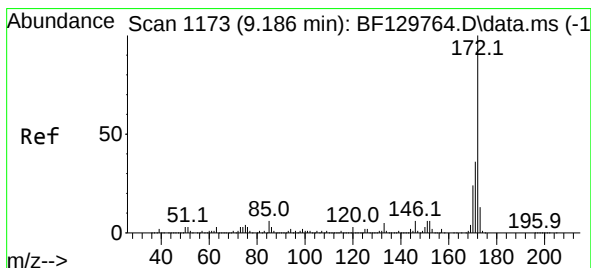
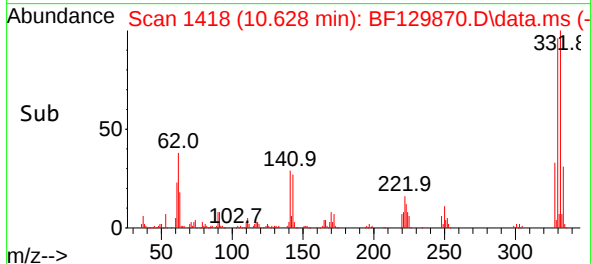
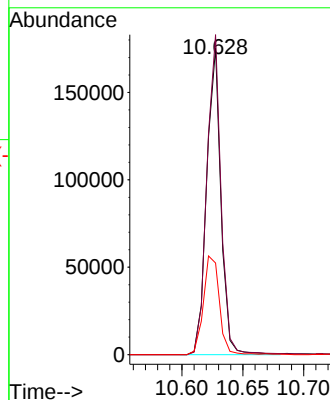
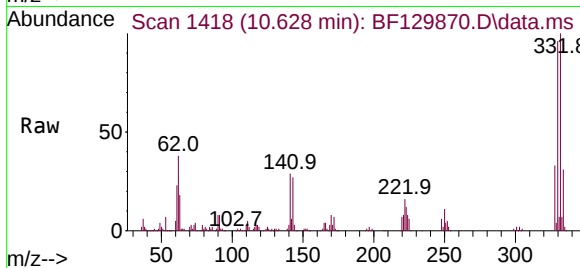
Tgt Ion:330 Resp: 143047

Ion Ratio Lower Upper

330 100

332 104.0 82.6 124.0

141 36.2 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 40.451 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF129870.D

Acq: 18 Aug 2022 12:04

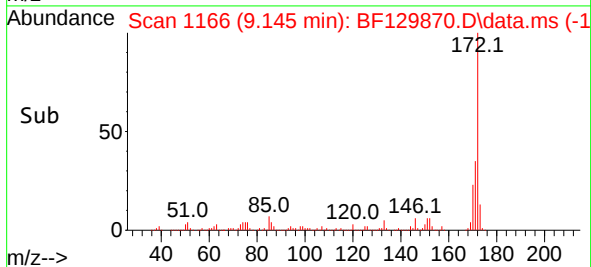
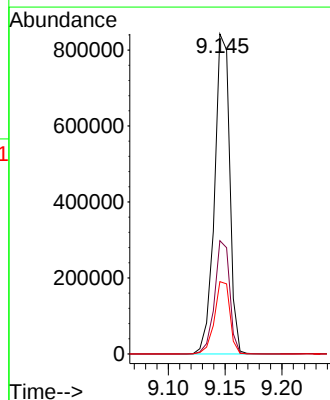
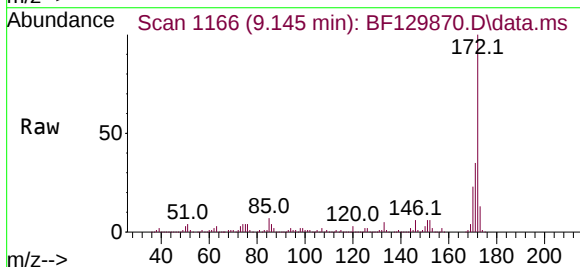
Tgt Ion:172 Resp: 782748

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 22.6 19.1 28.7

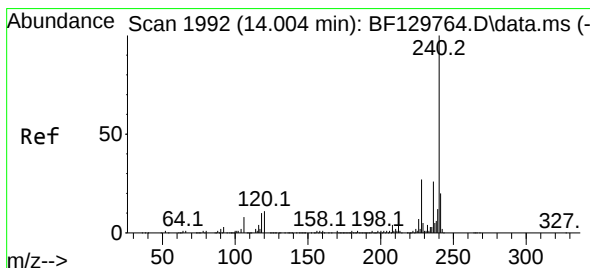
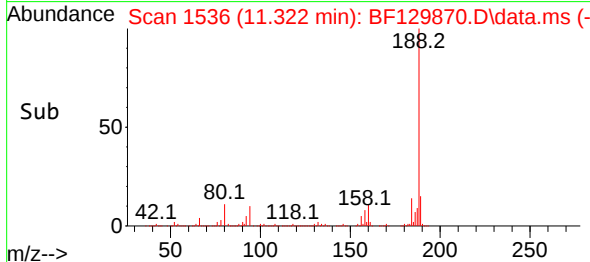
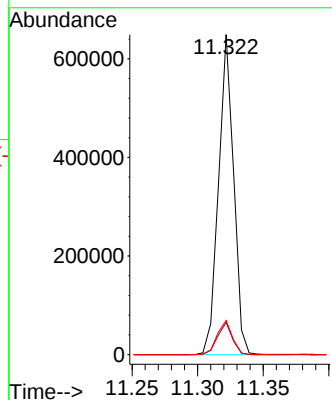
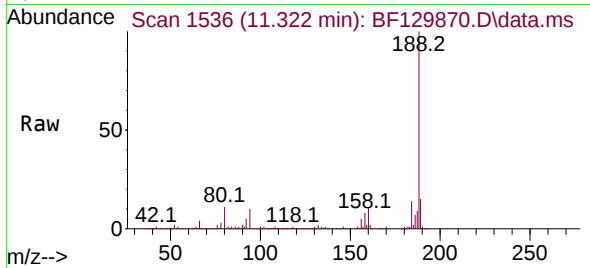




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129870.D
Acq: 18 Aug 2022 12:04

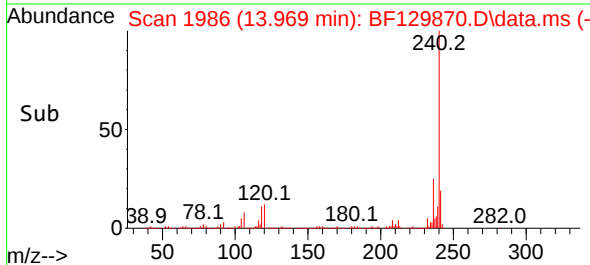
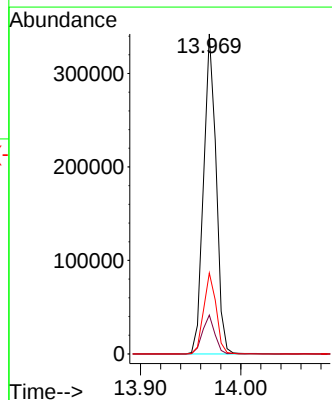
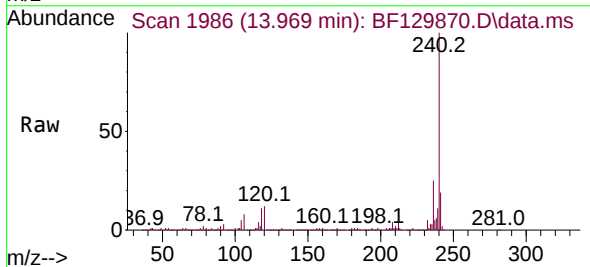
Instrument :
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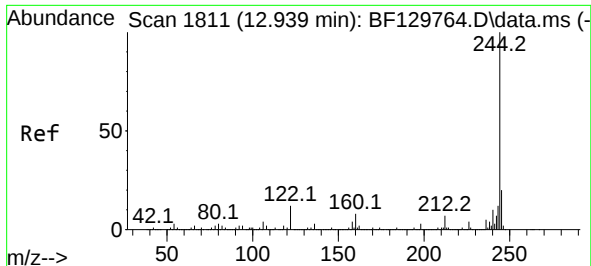
Tgt Ion:188 Resp: 521937
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 10.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BF129870.D
Acq: 18 Aug 2022 12:04

Tgt Ion:240 Resp: 296612
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 25.3 20.7 31.1

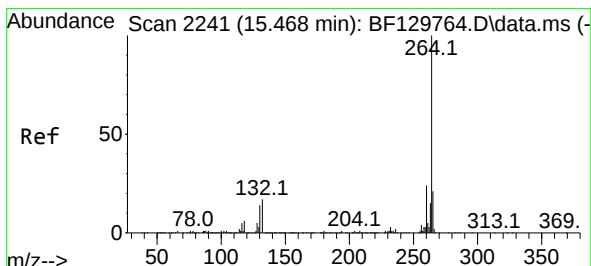
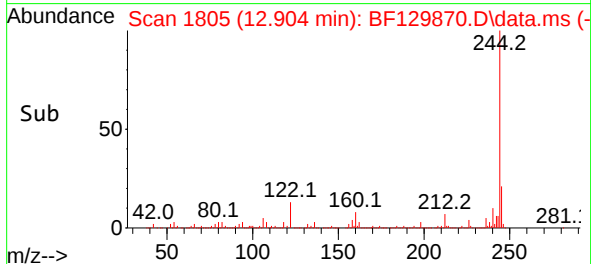
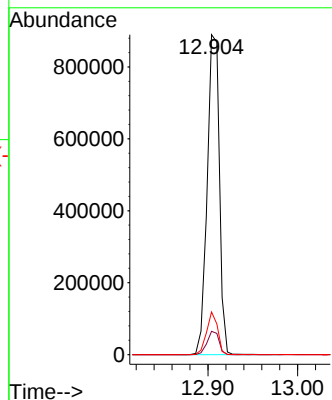
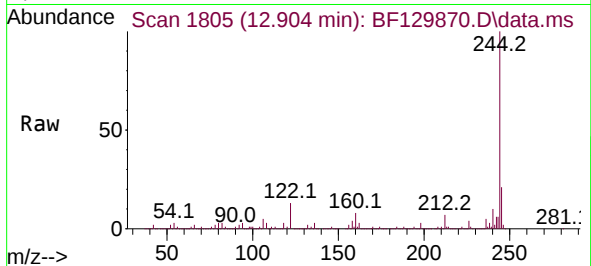




#79
 Terphenyl-d14
 Concen: 47.140 ng
 RT: 12.904 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF129870.D
 Acq: 18 Aug 2022 12:04

Instrument :
 BNA_F
 ClientSampleId :
 SB13

Tgt Ion:244 Resp: 840323
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 13.3 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2235
 Delta R.T. 0.006 min
 Lab File: BF129870.D
 Acq: 18 Aug 2022 12:04

Tgt Ion:264 Resp: 245300
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 20.7 16.7 25.1

