

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129851.D
 Acq On : 17 Aug 2022 19:05
 Operator : CG\JU
 Sample : N4188-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4

Quant Time: Aug 18 05:34:57 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 05:28:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	126246	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	513640	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	273450	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	468337	20.000	ng	0.00
76) Chrysene-d12	13.986	240	337868	20.000	ng	0.00
86) Perylene-d12	15.451	264	260941	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	982979	128.916	ng	0.01
7) Phenol-d6	6.469	99	1122168	117.522	ng	0.00
23) Nitrobenzene-d5	7.381	82	868827	90.550	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	398590	145.233	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1557187	86.490	ng	0.00
79) Terphenyl-d14	12.927	244	1710875	84.257	ng	0.00

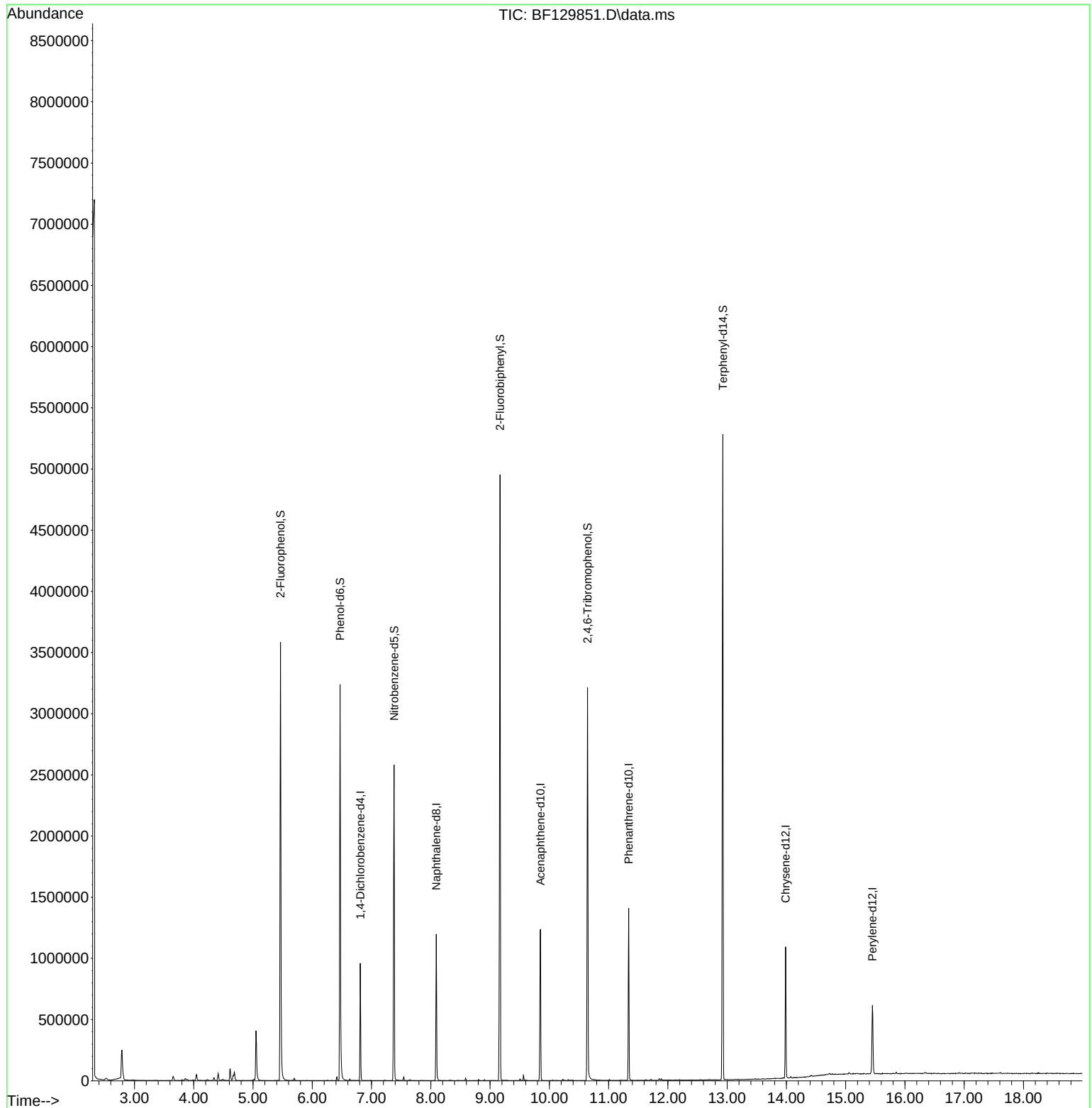
Target Compounds	Qvalue

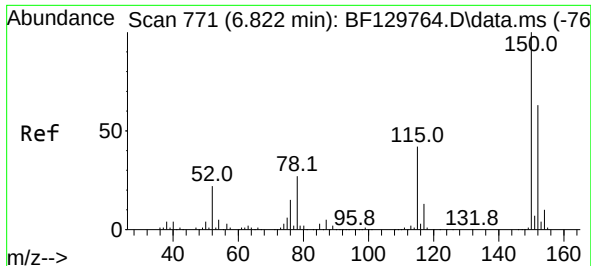
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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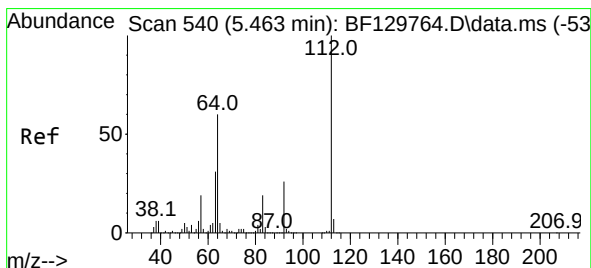
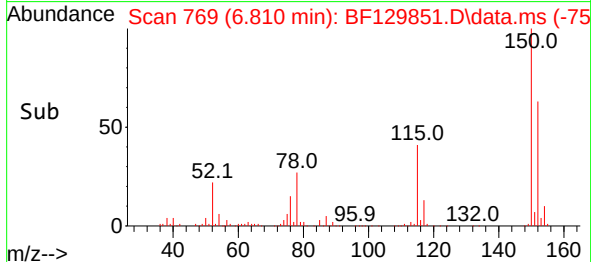
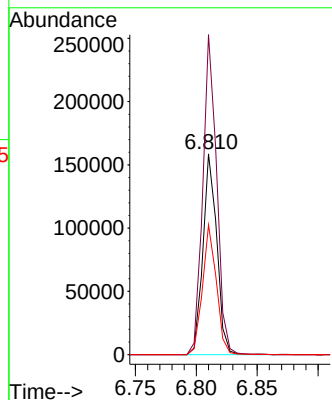
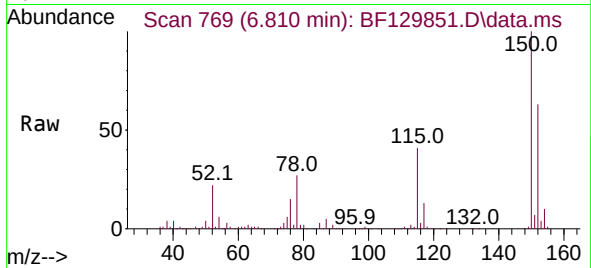




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BF129851.D
 Acq: 17 Aug 2022 19:05

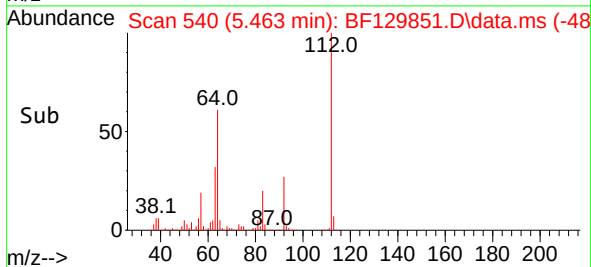
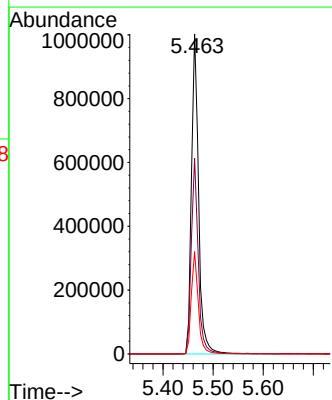
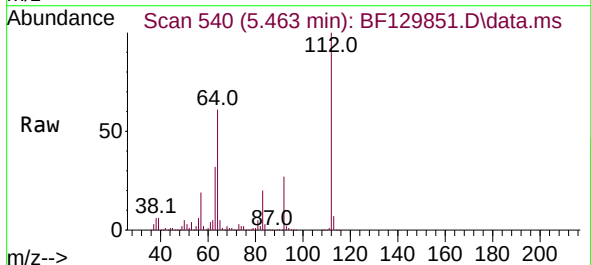
Instrument :
 BNA_F
 ClientSampleId :
 S4

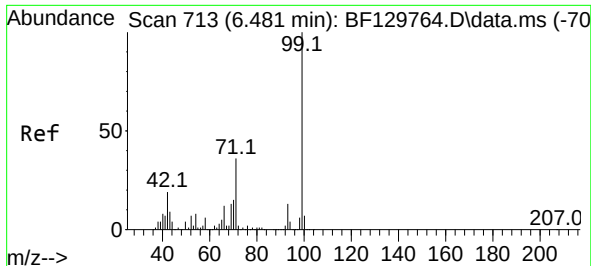
Tgt Ion:152 Resp: 126246
 Ion Ratio Lower Upper
 152 100
 150 159.5 126.9 190.3
 115 64.7 53.4 80.0



#5
 2-Fluorophenol
 Concen: 128.916 ng
 RT: 5.463 min Scan# 540
 Delta R.T. 0.012 min
 Lab File: BF129851.D
 Acq: 17 Aug 2022 19:05

Tgt Ion:112 Resp: 982979
 Ion Ratio Lower Upper
 112 100
 64 61.2 47.6 71.4
 63 32.0 24.6 37.0



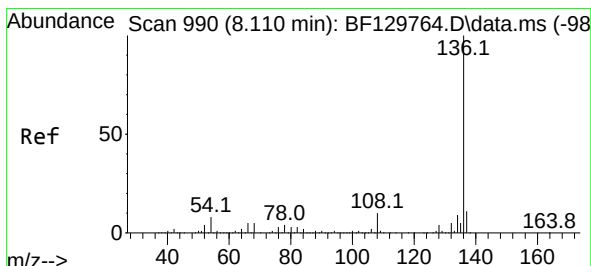
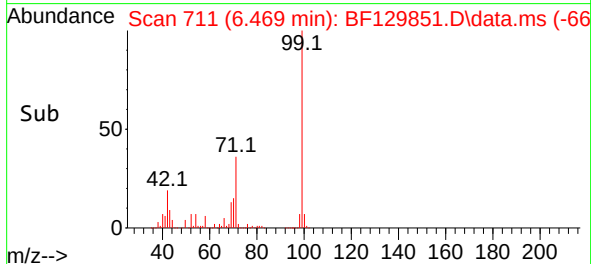
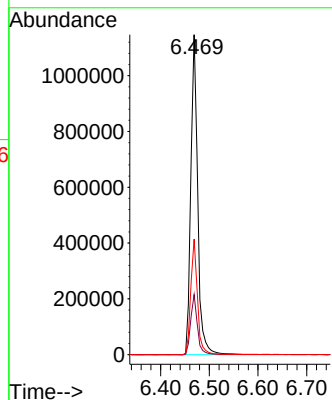
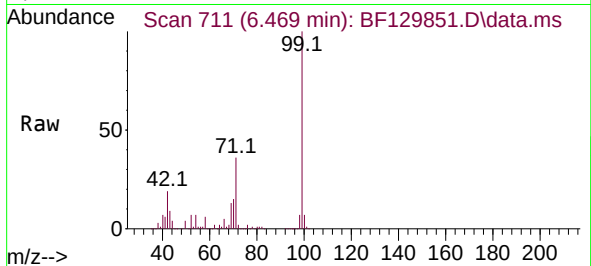


#7
Phenol-d6
Concen: 117.522 ng
RT: 6.469 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129851.D
Acq: 17 Aug 2022 19:05

Instrument :
BNA_F
ClientSampleId :
S4

Tgt Ion: 99 Resp: 1122168

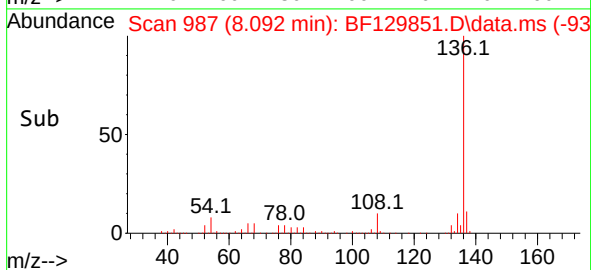
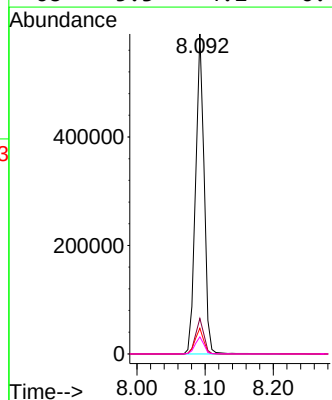
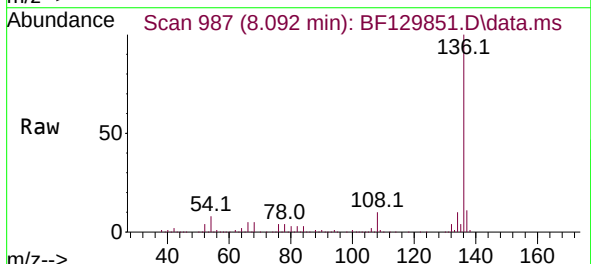
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.0	22.4
71	36.1	28.8	43.2

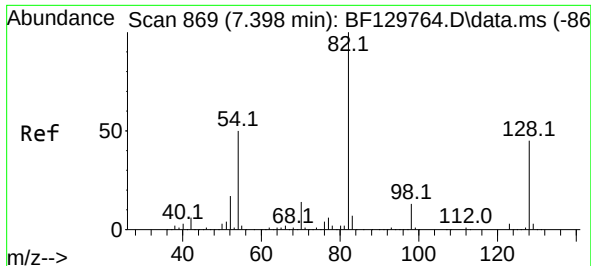


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF129851.D
Acq: 17 Aug 2022 19:05

Tgt Ion: 136 Resp: 513640

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.0	6.2	9.2
68	5.3	4.2	6.4

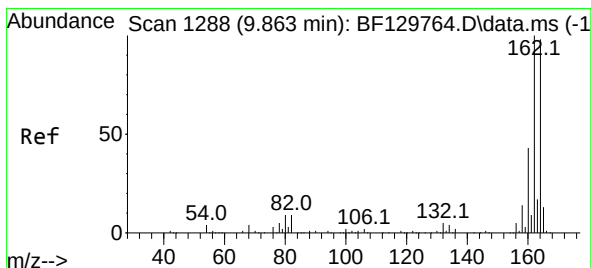
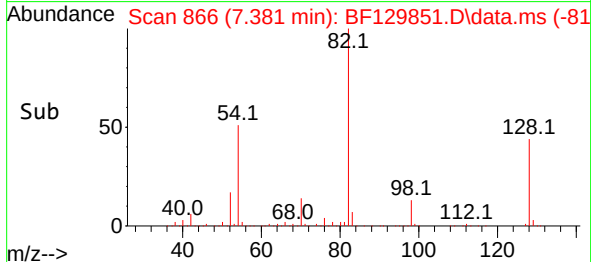
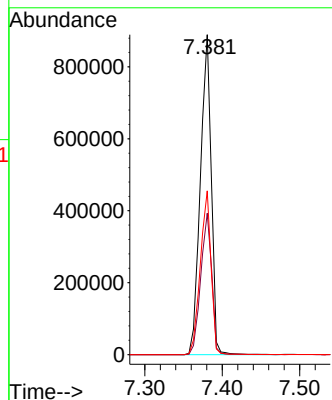
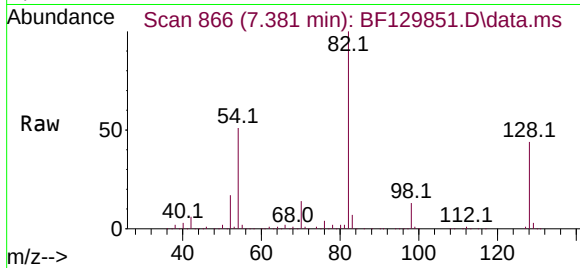




#23
Nitrobenzene-d5
Concen: 90.550 ng
RT: 7.381 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF129851.D
Acq: 17 Aug 2022 19:05

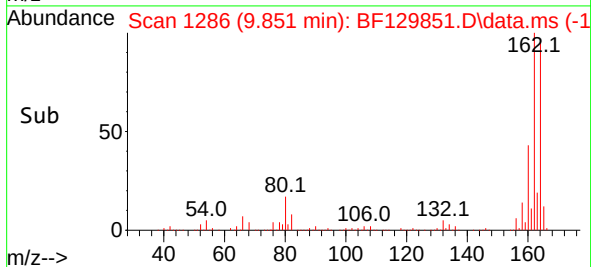
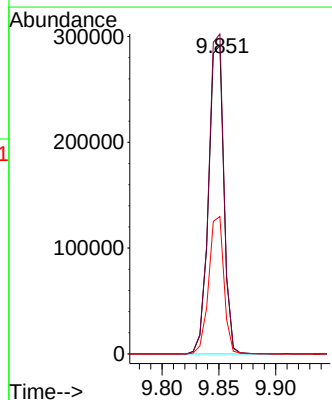
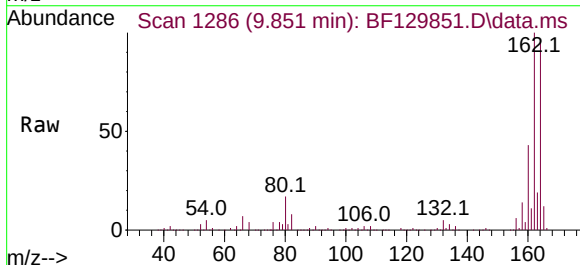
Instrument :
BNA_F
ClientSampleId :
S4

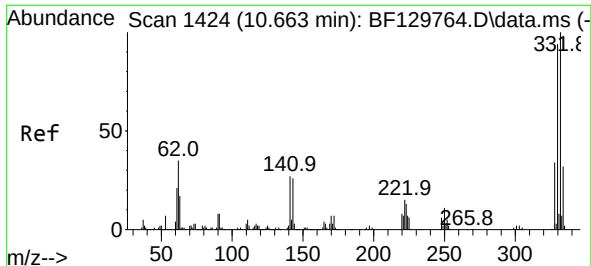
Tgt Ion: 82 Resp: 868827
Ion Ratio Lower Upper
82 100
128 44.2 36.1 54.1
54 51.2 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF129851.D
Acq: 17 Aug 2022 19:05

Tgt Ion:164 Resp: 273450
Ion Ratio Lower Upper
164 100
162 103.7 82.0 123.0
160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 145.233 ng

RT: 10.645 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF129851.D

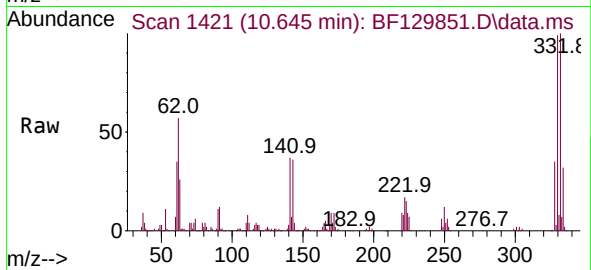
Acq: 17 Aug 2022 19:05

Instrument :

BNA_F

ClientSampleId :

S4



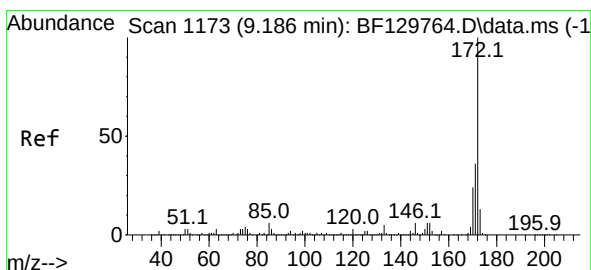
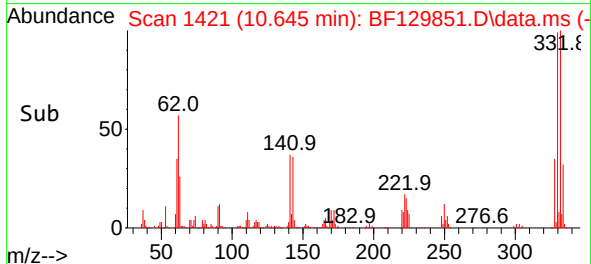
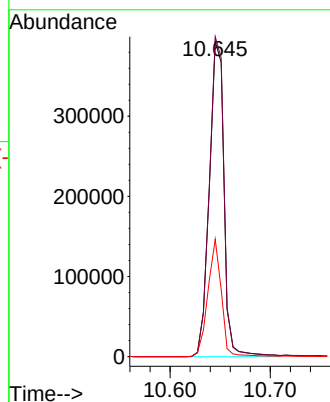
Tgt Ion:330 Resp: 398590

Ion Ratio Lower Upper

330 100

332 102.1 82.6 124.0

141 34.4 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 86.490 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF129851.D

Acq: 17 Aug 2022 19:05

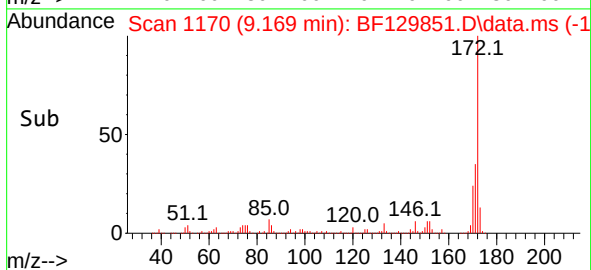
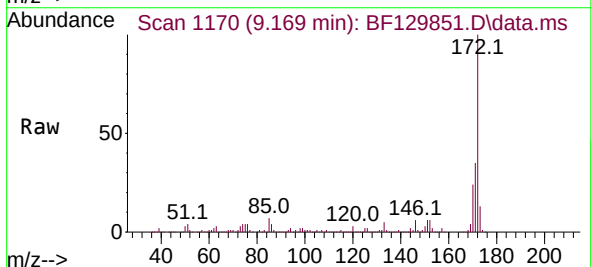
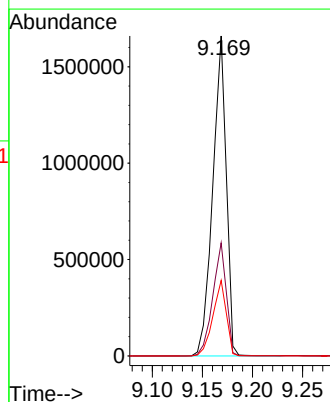
Tgt Ion:172 Resp: 1557187

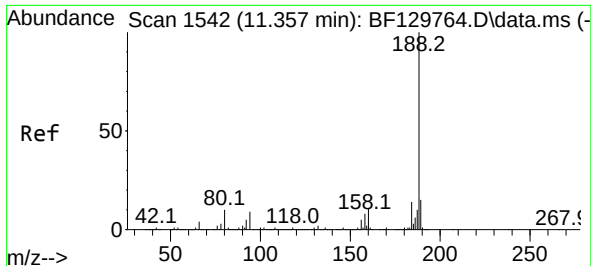
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.6 19.1 28.7

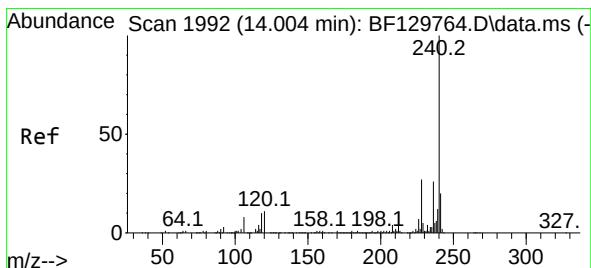
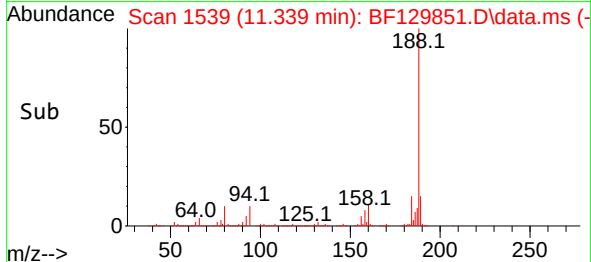
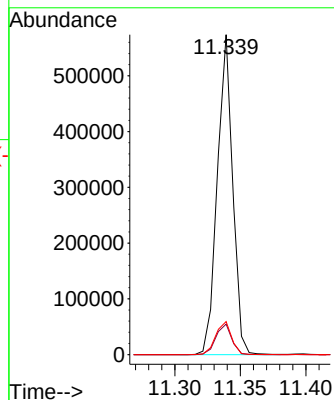
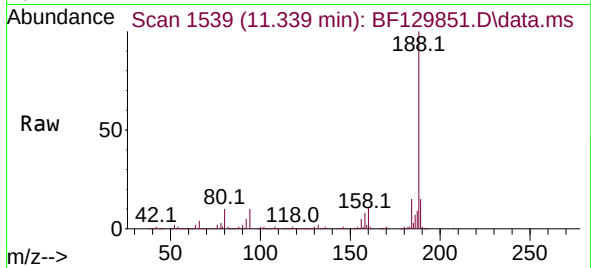




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129851.D
Acq: 17 Aug 2022 19:05

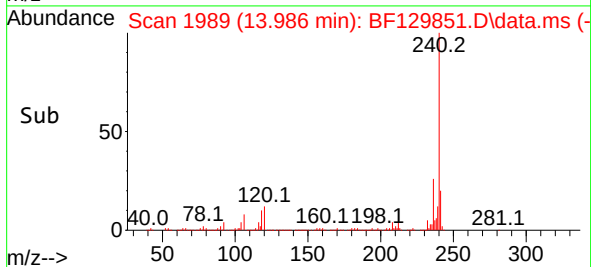
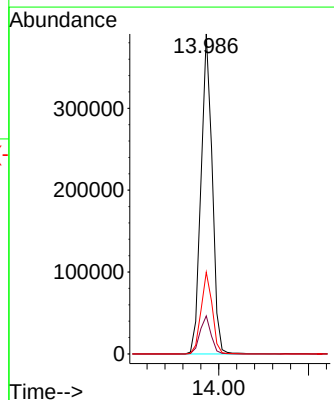
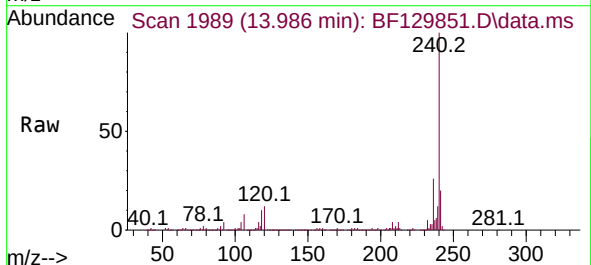
Instrument :
BNA_F
ClientSampleId :
S4

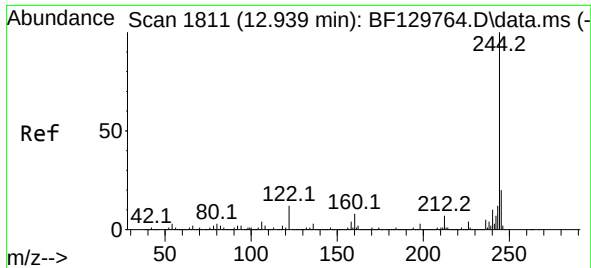
Tgt Ion:188 Resp: 468337
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF129851.D
Acq: 17 Aug 2022 19:05

Tgt Ion:240 Resp: 337868
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 25.5 20.7 31.1

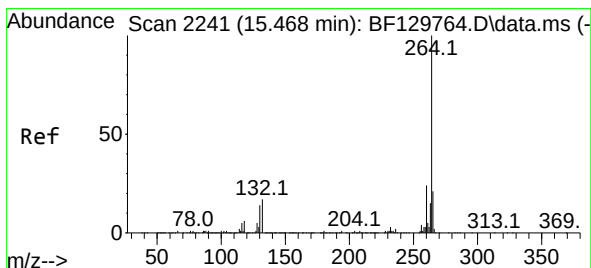
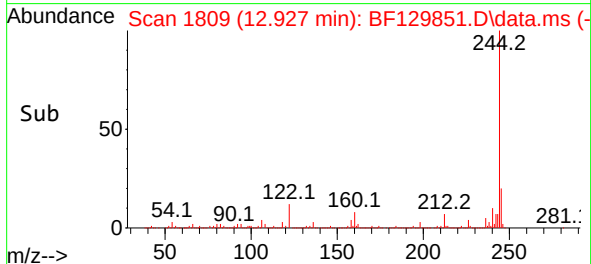
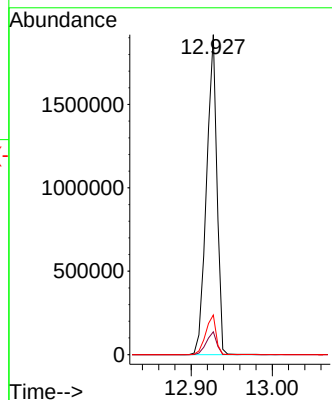
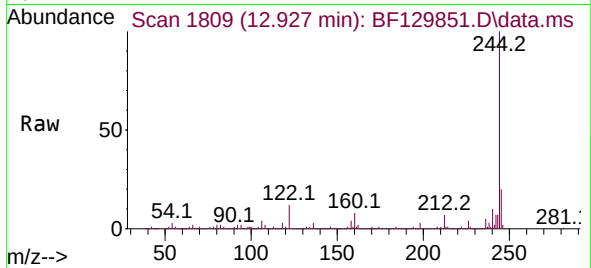




#79
 Terphenyl-d14
 Concen: 84.257 ng
 RT: 12.927 min Scan# 1811
 Delta R.T. -0.000 min
 Lab File: BF129851.D
 Acq: 17 Aug 2022 19:05

Instrument :
 BNA_F
 ClientSampleId :
 S4

Tgt Ion:244 Resp: 1710875
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 12.4 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2238
 Delta R.T. -0.006 min
 Lab File: BF129851.D
 Acq: 17 Aug 2022 19:05

Tgt Ion:264 Resp: 260941
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 21.3 16.7 25.1

