

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129852.D
 Acq On : 17 Aug 2022 19:38
 Operator : CG\JU
 Sample : N4188-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3

Quant Time: Aug 18 05:35:26 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	131295	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	527080	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	282924	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	482086	20.000	ng	0.00
76) Chrysene-d12	13.986	240	344333	20.000	ng	0.00
86) Perylene-d12	15.451	264	253191	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1025433	129.313	ng	0.01
7) Phenol-d6	6.469	99	1204171	121.261	ng	0.00
23) Nitrobenzene-d5	7.381	82	874822	88.850	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	404832	142.568	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1578221	84.723	ng	0.00
79) Terphenyl-d14	12.927	244	1690012	81.667	ng	0.00

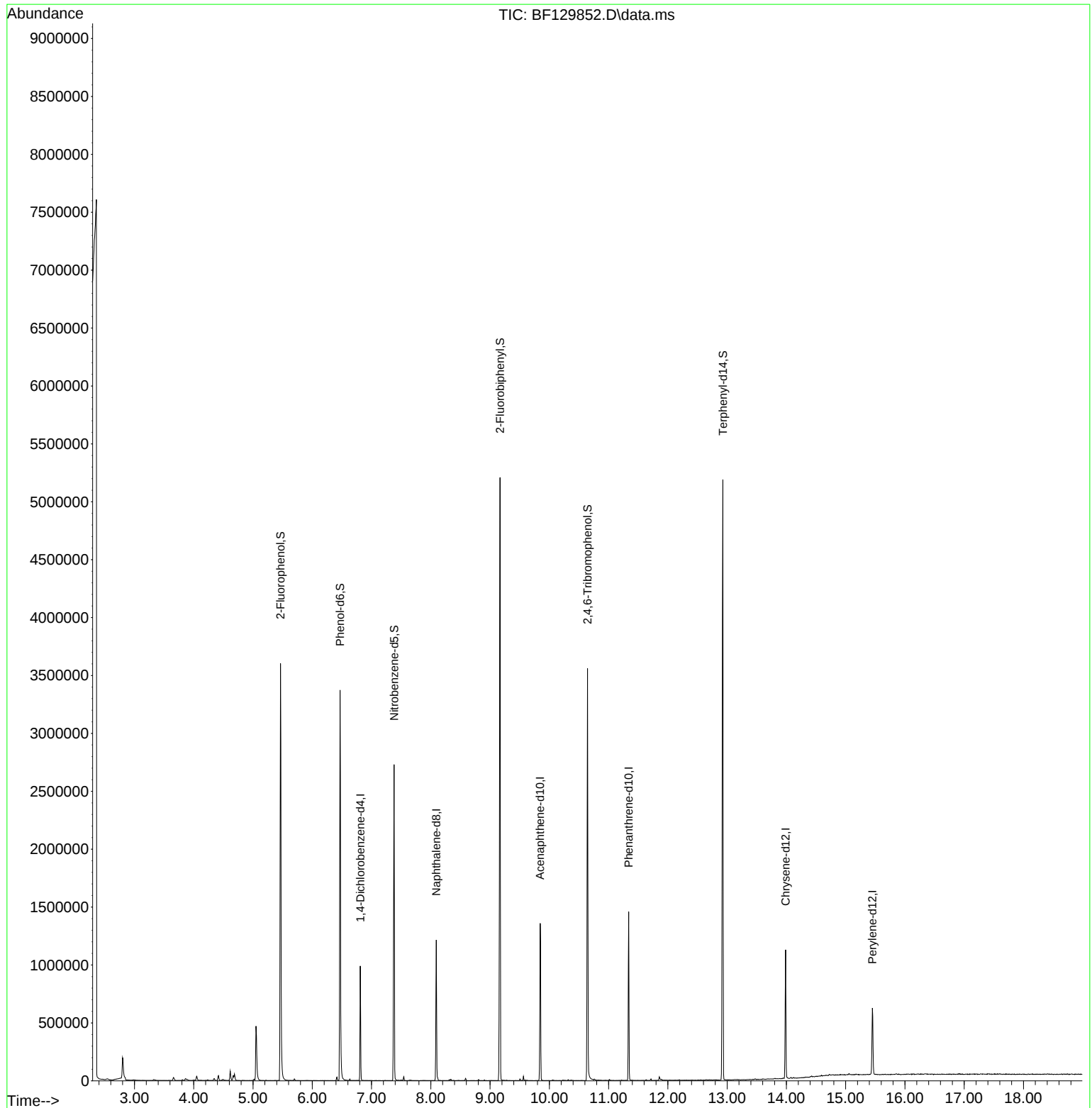
Target Compounds	Qvalue

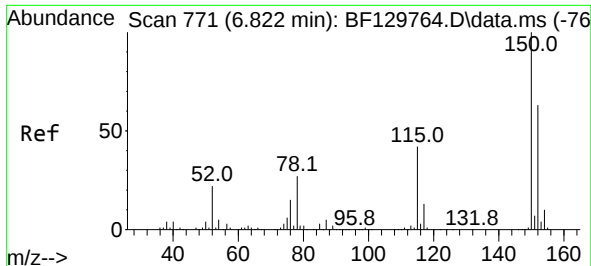
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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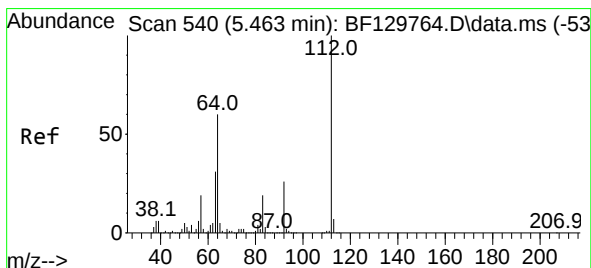
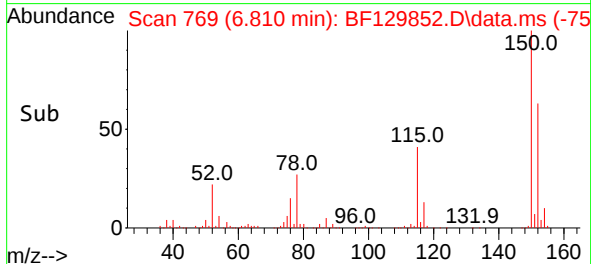
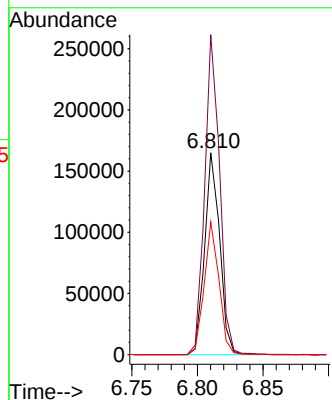
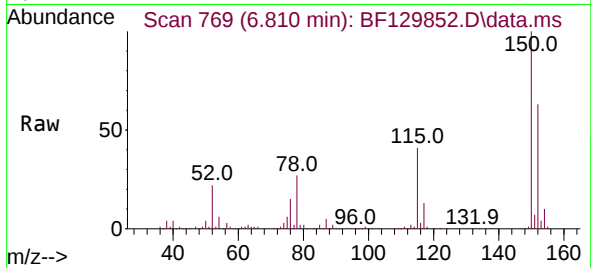




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129852.D
Acq: 17 Aug 2022 19:38

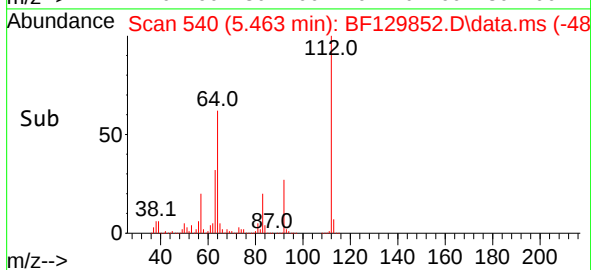
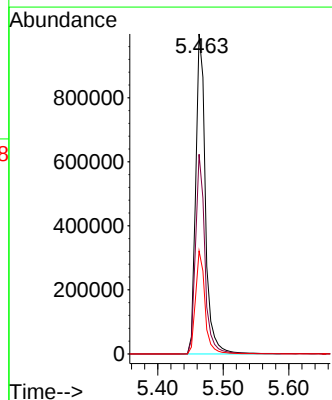
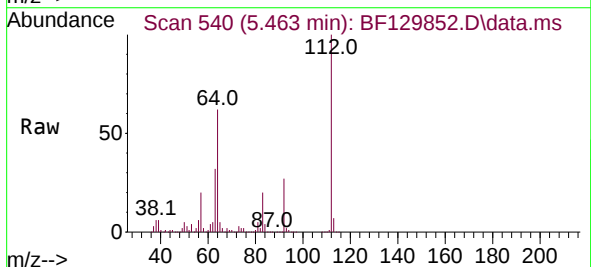
Instrument :
BNA_F
ClientSampleId :
S3

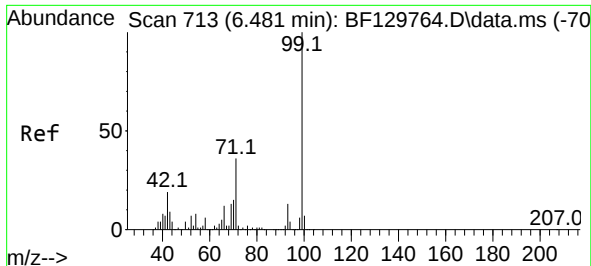
Tgt Ion:152 Resp: 131295
Ion Ratio Lower Upper
152 100
150 158.6 126.9 190.3
115 65.8 53.4 80.0



#5
2-Fluorophenol
Concen: 129.313 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.012 min
Lab File: BF129852.D
Acq: 17 Aug 2022 19:38

Tgt Ion:112 Resp: 1025433
Ion Ratio Lower Upper
112 100
64 62.4 47.6 71.4
63 32.2 24.6 37.0

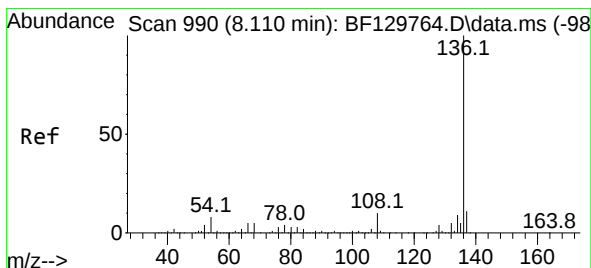
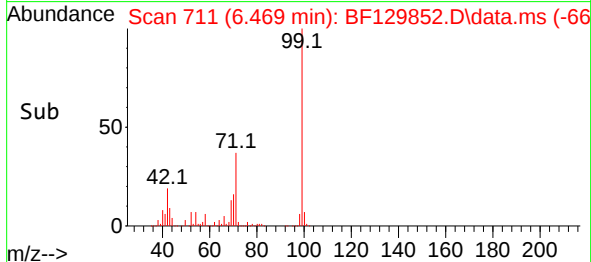
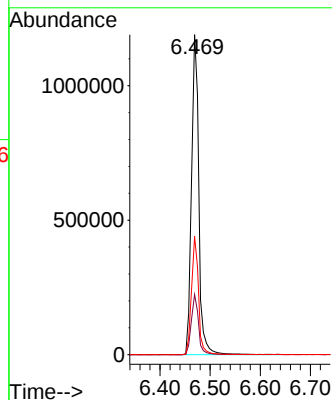
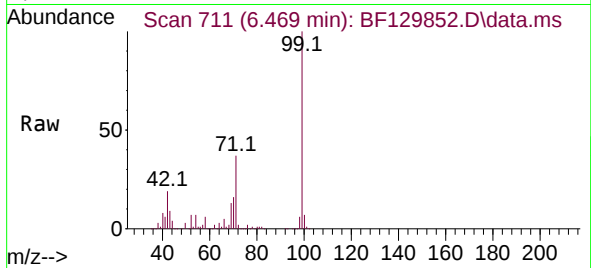




#7
Phenol-d6
Concen: 121.261 ng
RT: 6.469 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129852.D
Acq: 17 Aug 2022 19:38

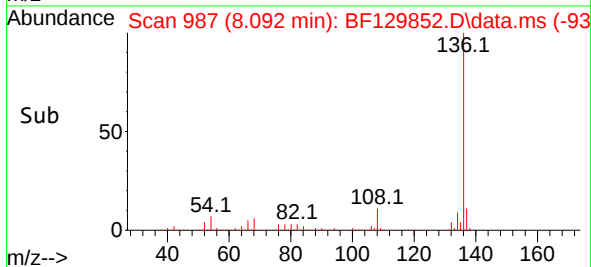
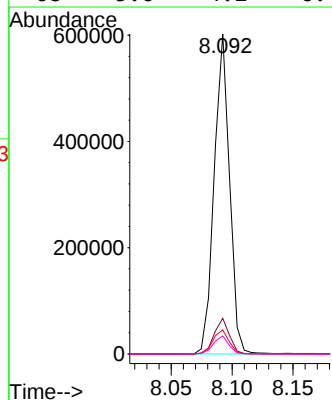
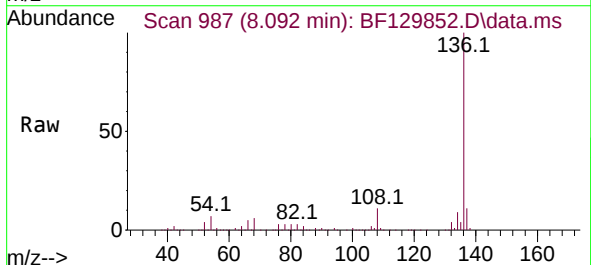
Instrument :
BNA_F
ClientSampleId :
S3

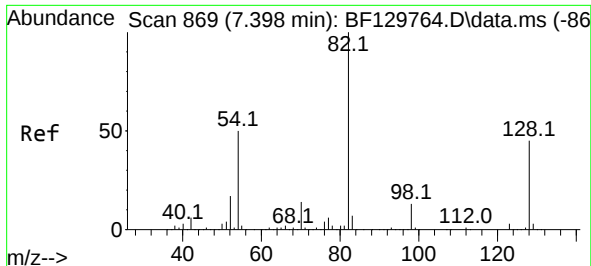
Tgt Ion: 99 Resp: 1204171
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.4
71 36.9 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF129852.D
Acq: 17 Aug 2022 19:38

Tgt Ion: 136 Resp: 527080
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.5 6.2 9.2
68 5.6 4.2 6.4

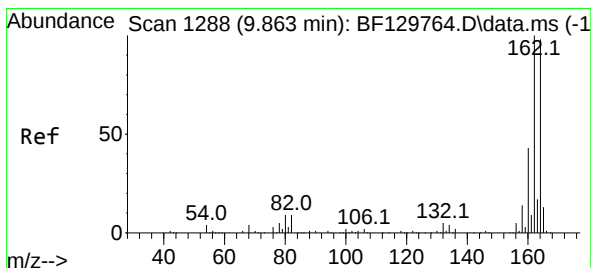
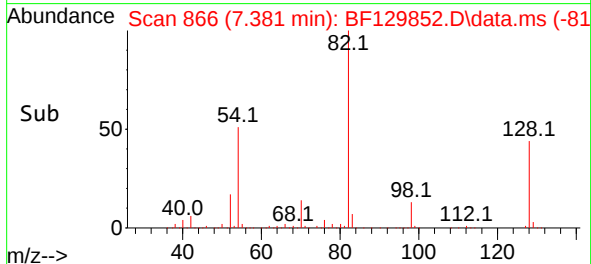
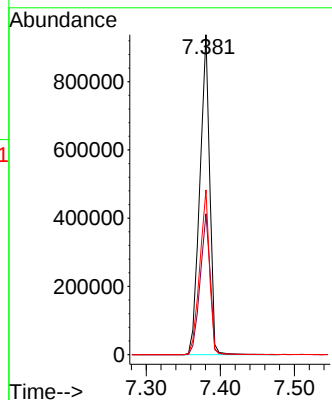
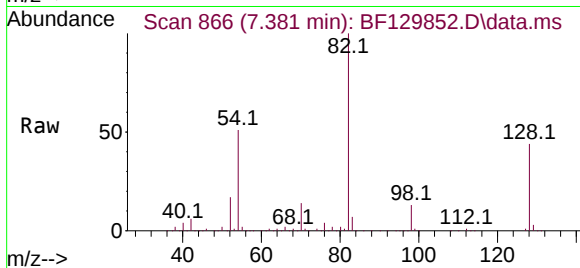




#23
Nitrobenzene-d5
Concen: 88.850 ng
RT: 7.381 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129852.D
Acq: 17 Aug 2022 19:38

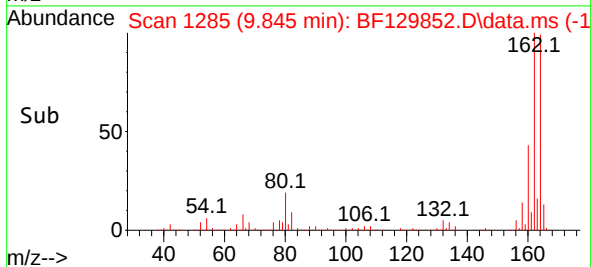
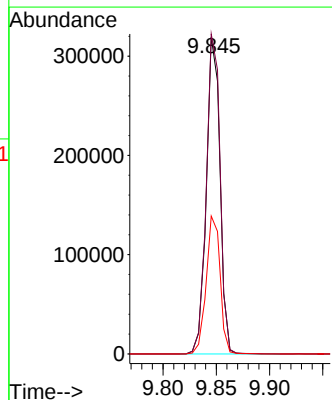
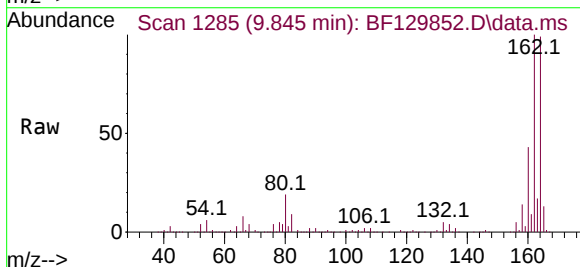
Instrument :
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ClientSampleId :
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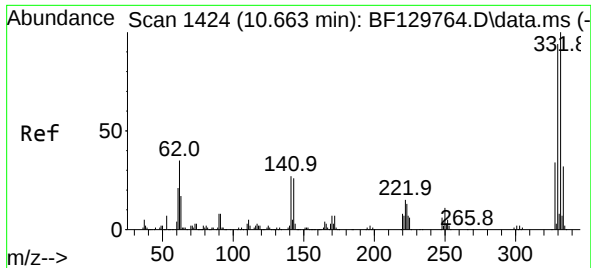
Tgt Ion: 82 Resp: 874822
Ion Ratio Lower Upper
82 100
128 44.0 36.1 54.1
54 51.5 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF129852.D
Acq: 17 Aug 2022 19:38

Tgt Ion: 164 Resp: 282924
Ion Ratio Lower Upper
164 100
162 101.1 82.0 123.0
160 43.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 142.568 ng

RT: 10.645 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF129852.D

Acq: 17 Aug 2022 19:38

Instrument :

BNA_F

ClientSampleId :

S3

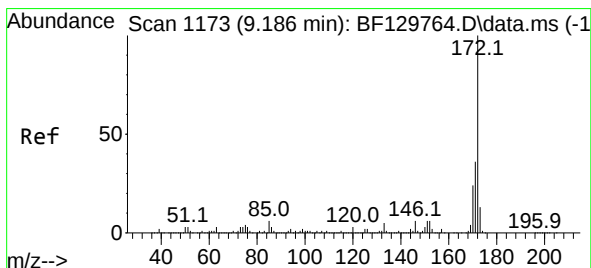
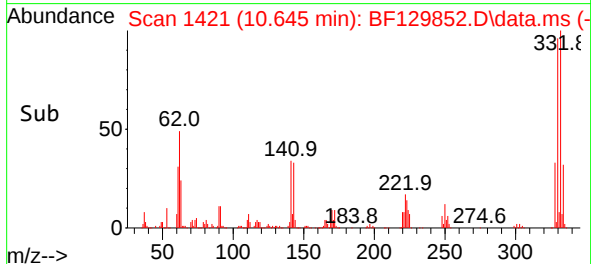
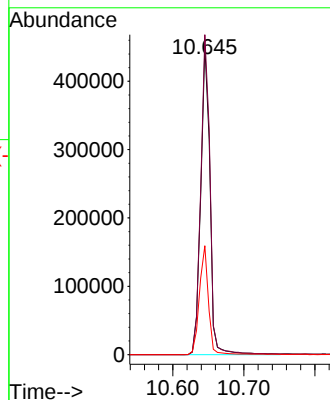
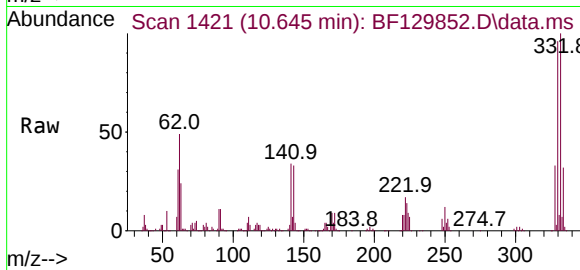
Tgt Ion:330 Resp: 404832

Ion Ratio Lower Upper

330 100

332 104.4 82.6 124.0

141 34.9 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 84.723 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF129852.D

Acq: 17 Aug 2022 19:38

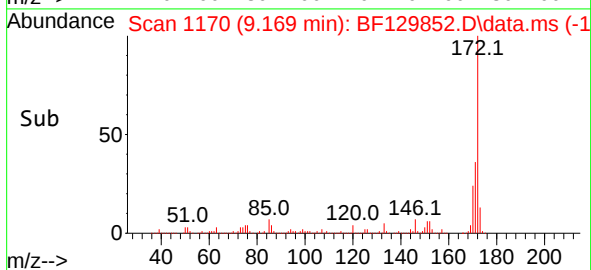
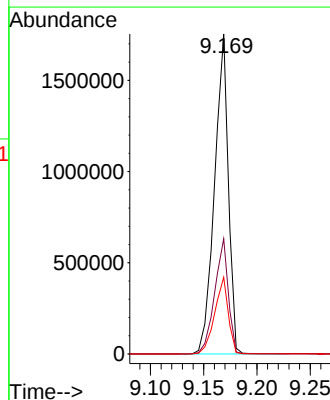
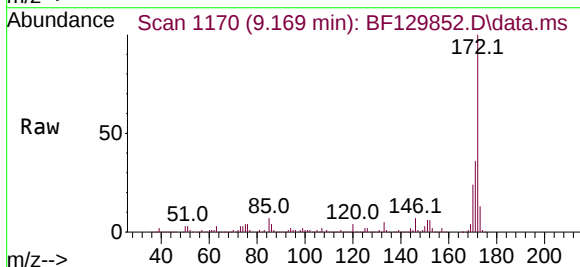
Tgt Ion:172 Resp: 1578221

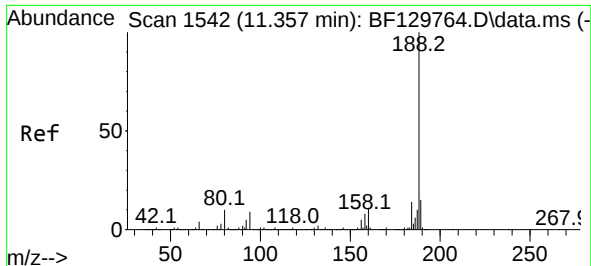
Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 23.9 19.1 28.7

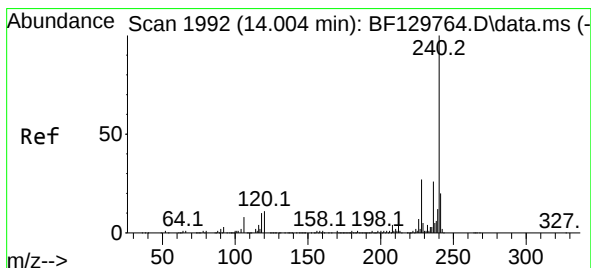
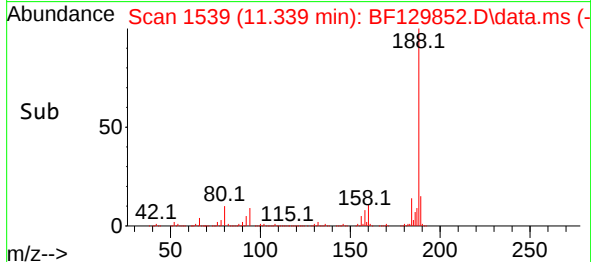
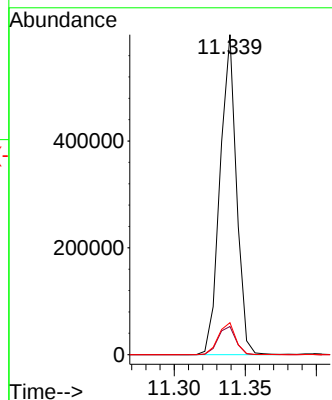
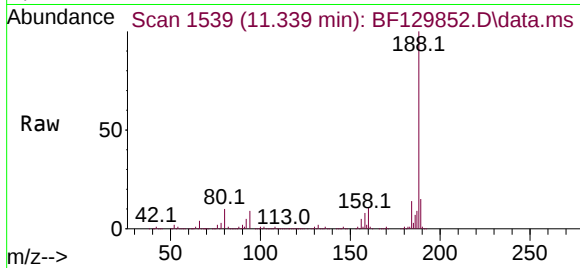




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129852.D
Acq: 17 Aug 2022 19:38

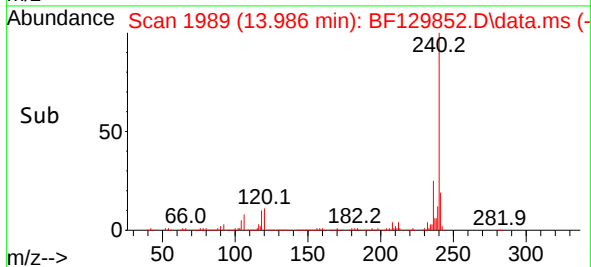
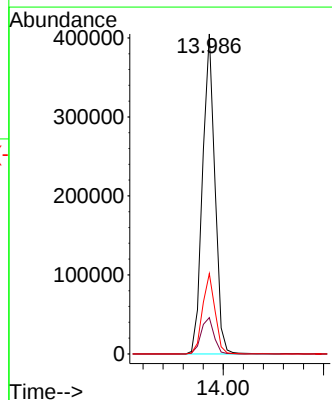
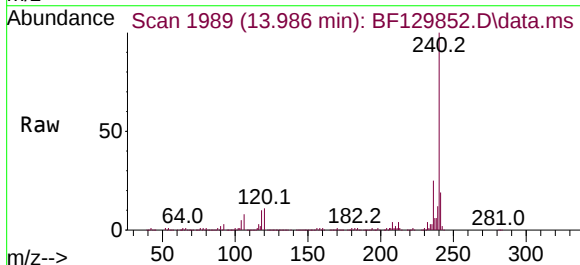
Instrument :
BNA_F
ClientSampleId :
S3

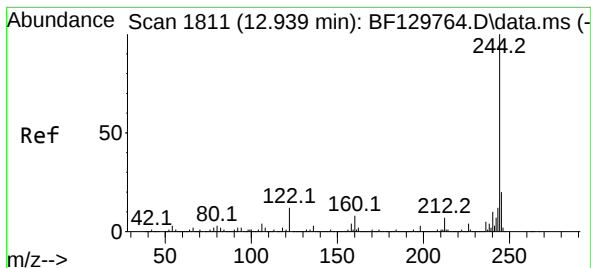
Tgt Ion:188 Resp: 482086
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 10.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF129852.D
Acq: 17 Aug 2022 19:38

Tgt Ion:240 Resp: 344333
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.1 20.7 31.1





#79

Terphenyl-d14

Concen: 81.667 ng

RT: 12.927 min Scan# 1811

Delta R.T. -0.000 min

Lab File: BF129852.D

Acq: 17 Aug 2022 19:38

Instrument :

BNA_F

ClientSampleId :

S3

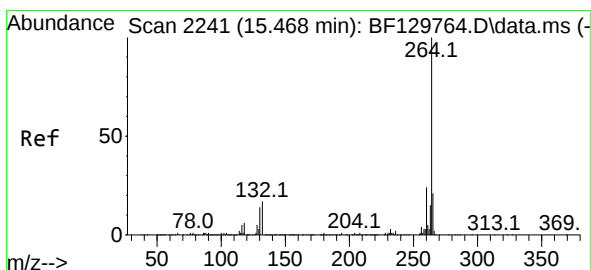
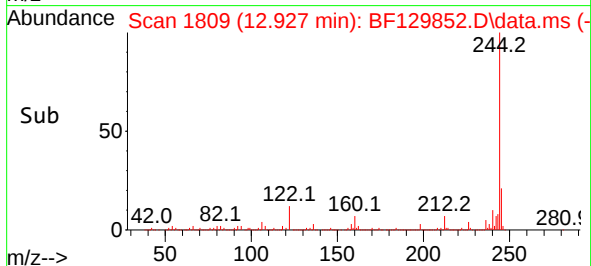
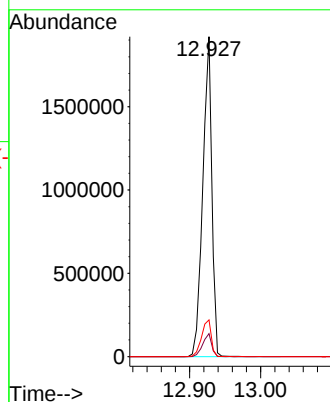
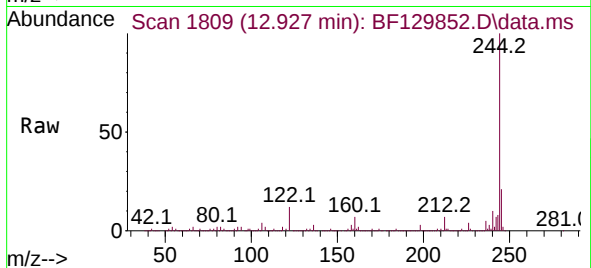
Tgt Ion:244 Resp: 1690012

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 11.5 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: BF129852.D

Acq: 17 Aug 2022 19:38

Tgt Ion:264 Resp: 253191

Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

265 22.9 16.7 25.1

