

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129855.D
 Acq On : 17 Aug 2022 21:15
 Operator : CG\JU
 Sample : N4188-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S14

Quant Time: Aug 18 05:36:59 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	139798	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	558371	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	298995	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	517534	20.000	ng	0.00
76) Chrysene-d12	13.986	240	374464	20.000	ng	0.00
86) Perylene-d12	15.451	264	284927	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1033545	122.408	ng	0.01
7) Phenol-d6	6.469	99	1163061	109.997	ng	0.00
23) Nitrobenzene-d5	7.381	82	910848	87.324	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	425653	141.844	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1665525	84.604	ng	0.00
79) Terphenyl-d14	12.927	244	1871577	83.164	ng	0.00

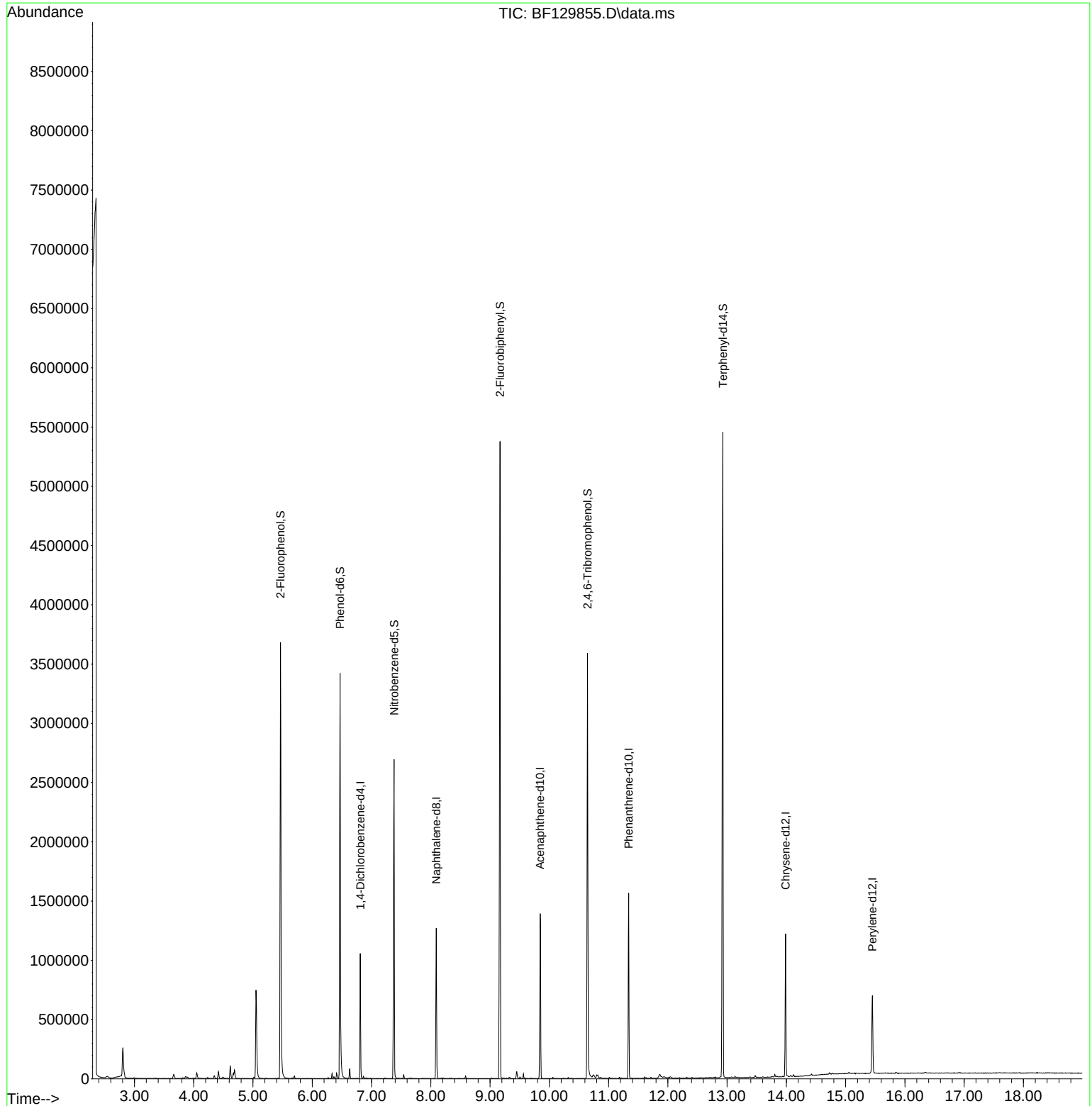
Target Compounds	Qvalue

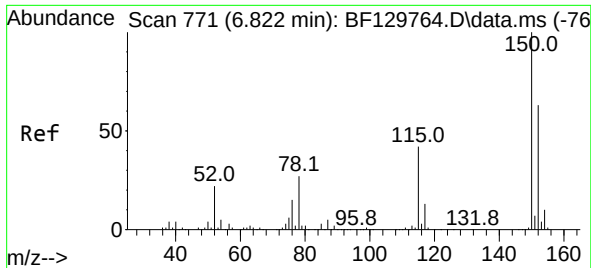
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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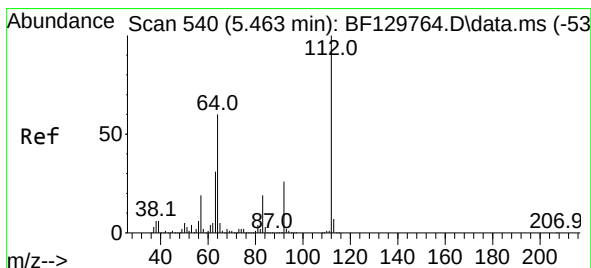
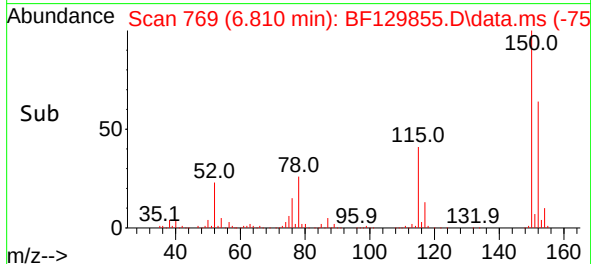
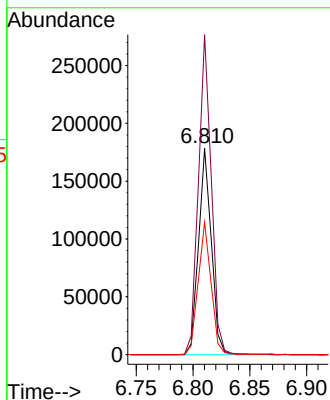
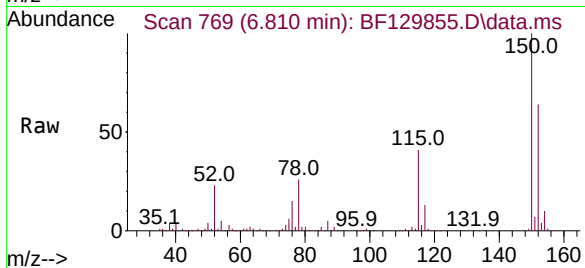




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BF129855.D
 Acq: 17 Aug 2022 21:15

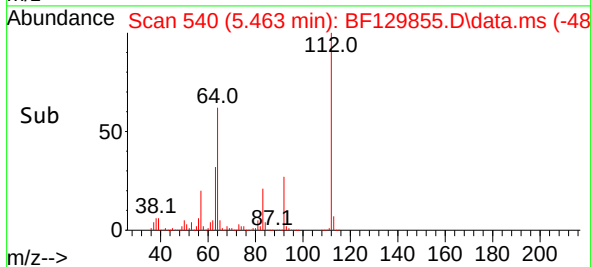
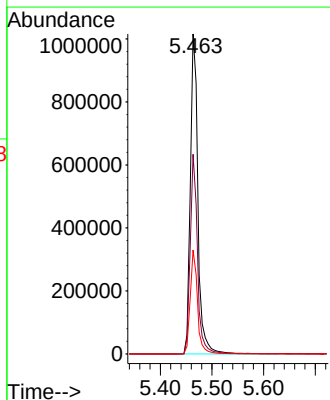
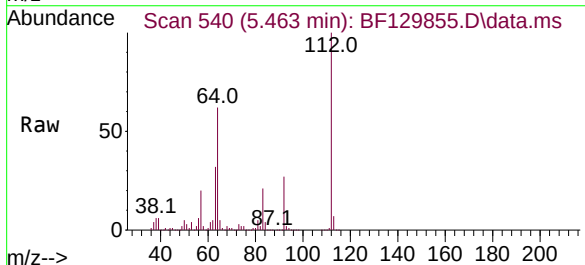
Instrument :
 BNA_F
 ClientSampleId :
 S14

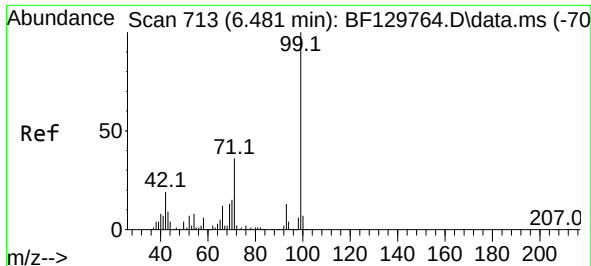
Tgt Ion:152 Resp: 139798
 Ion Ratio Lower Upper
 152 100
 150 155.1 126.9 190.3
 115 64.2 53.4 80.0



#5
 2-Fluorophenol
 Concen: 122.408 ng
 RT: 5.463 min Scan# 540
 Delta R.T. 0.012 min
 Lab File: BF129855.D
 Acq: 17 Aug 2022 21:15

Tgt Ion:112 Resp: 1033545
 Ion Ratio Lower Upper
 112 100
 64 62.4 47.6 71.4
 63 32.4 24.6 37.0





#7
Phenol-d6
Concen: 109.997 ng
RT: 6.469 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF129855.D
Acq: 17 Aug 2022 21:15

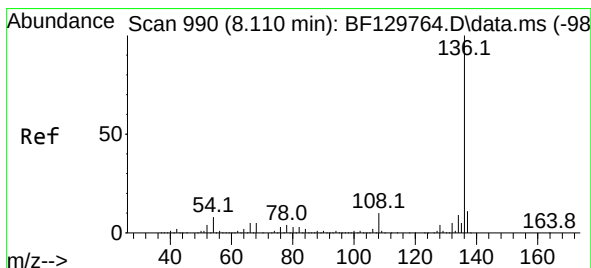
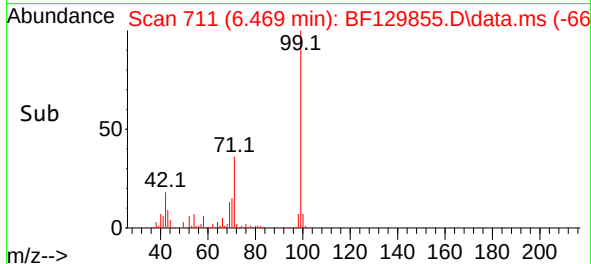
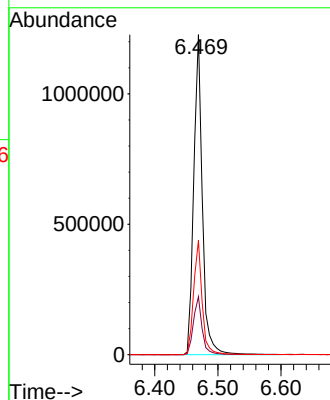
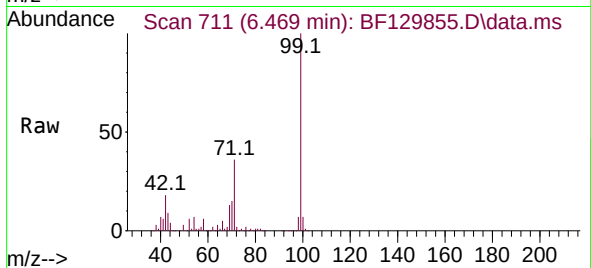
Instrument :

BNA_F

ClientSampleId :

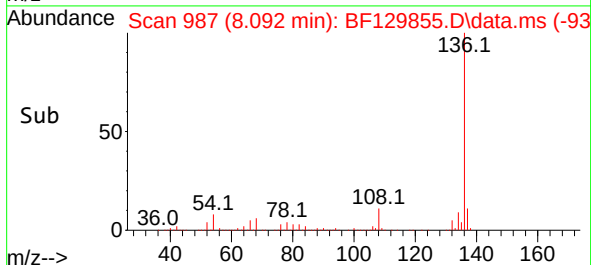
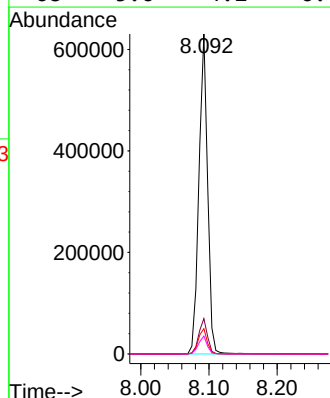
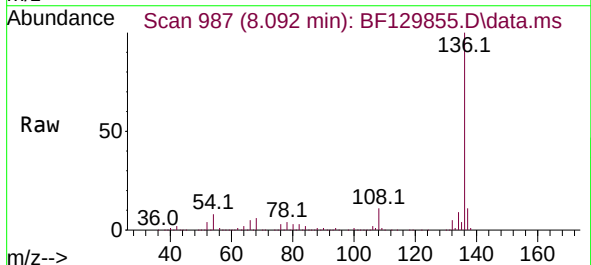
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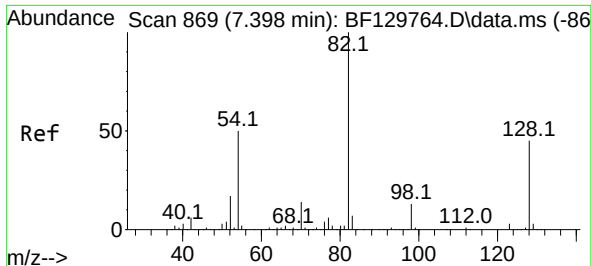
Tgt Ion: 99 Resp: 1163061
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.4
71 35.7 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF129855.D
Acq: 17 Aug 2022 21:15

Tgt Ion: 136 Resp: 558371
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.9 6.2 9.2
68 5.6 4.2 6.4

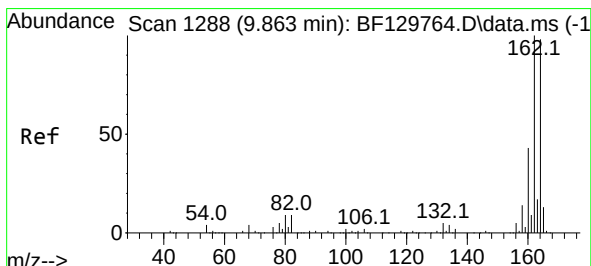
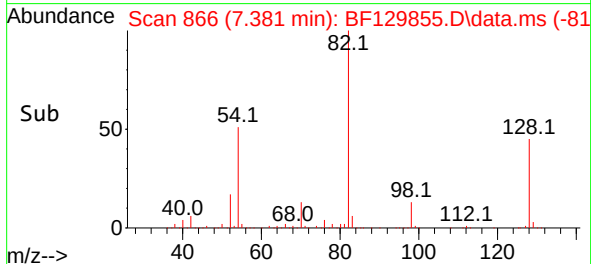
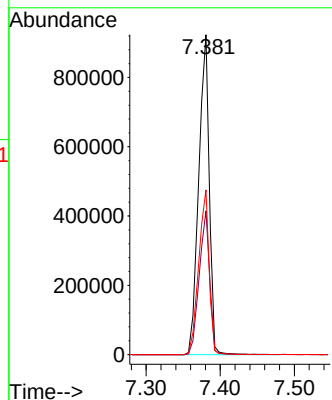
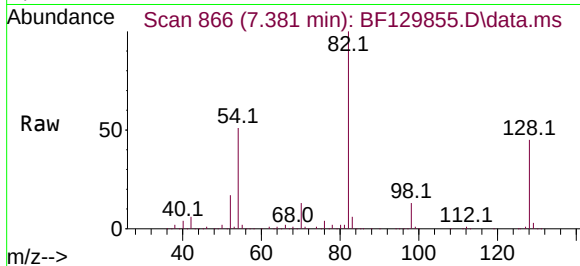




#23
Nitrobenzene-d5
Concen: 87.324 ng
RT: 7.381 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129855.D
Acq: 17 Aug 2022 21:15

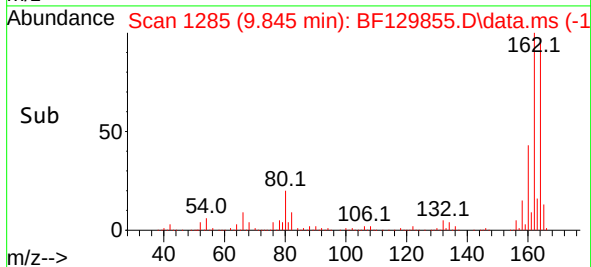
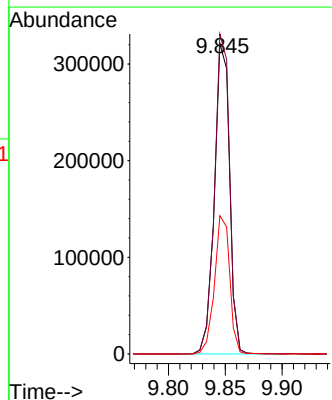
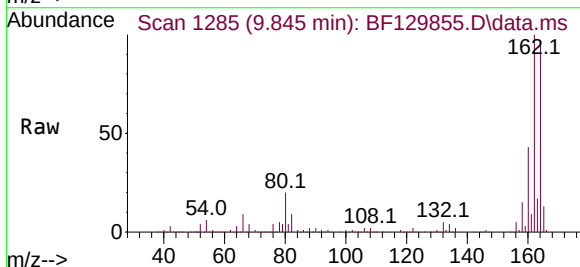
Instrument :
BNA_F
ClientSampleId :
S14

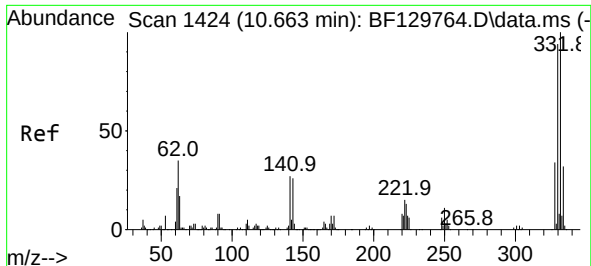
Tgt Ion: 82 Resp: 910848
Ion Ratio Lower Upper
82 100
128 44.9 36.1 54.1
54 51.5 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF129855.D
Acq: 17 Aug 2022 21:15

Tgt Ion: 164 Resp: 298995
Ion Ratio Lower Upper
164 100
162 103.0 82.0 123.0
160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 141.844 ng

RT: 10.645 min Scan# 1421

Delta R.T. -0.000 min

Lab File: BF129855.D

Acq: 17 Aug 2022 21:15

Instrument :

BNA_F

ClientSampleId :

S14

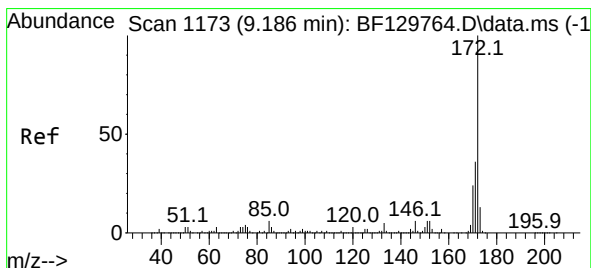
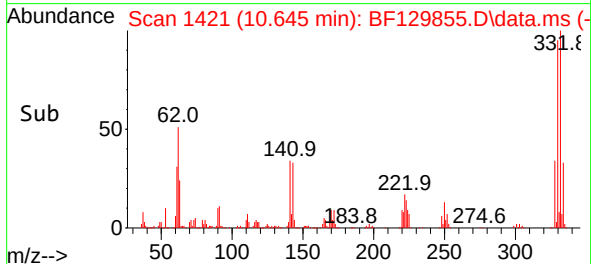
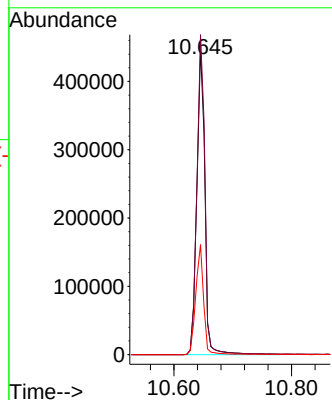
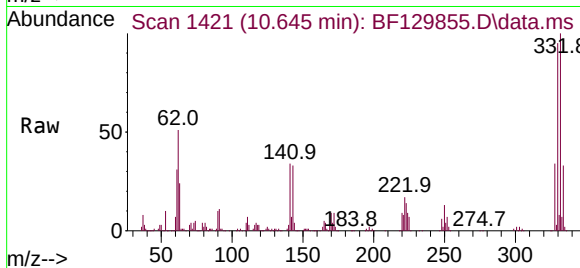
Tgt Ion:330 Resp: 425653

Ion Ratio Lower Upper

330 100

332 103.9 82.6 124.0

141 35.4 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 84.604 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF129855.D

Acq: 17 Aug 2022 21:15

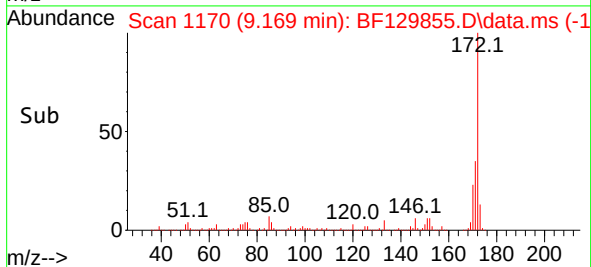
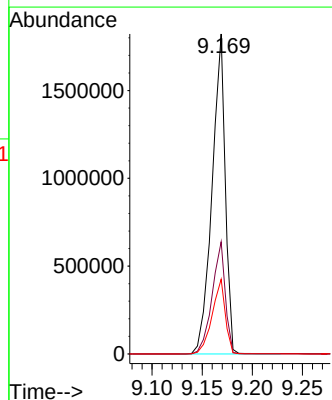
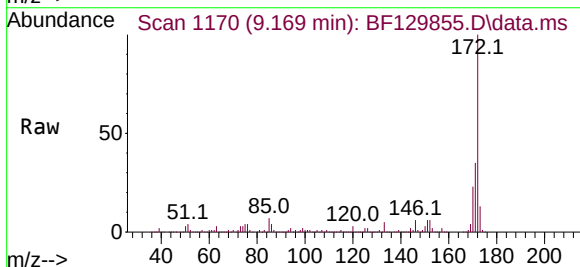
Tgt Ion:172 Resp: 1665525

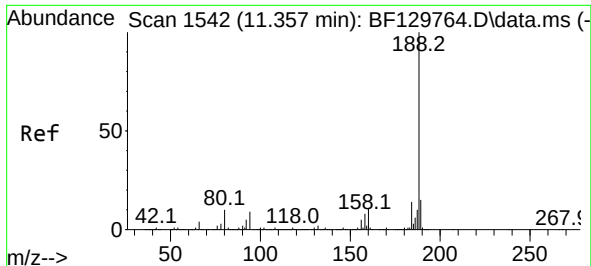
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.3 19.1 28.7

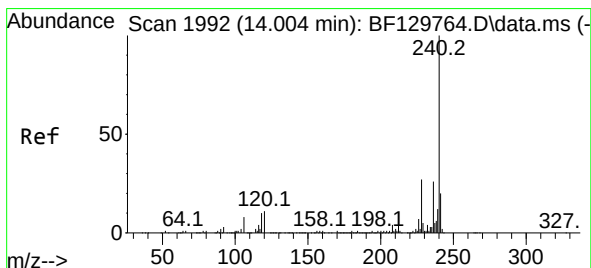
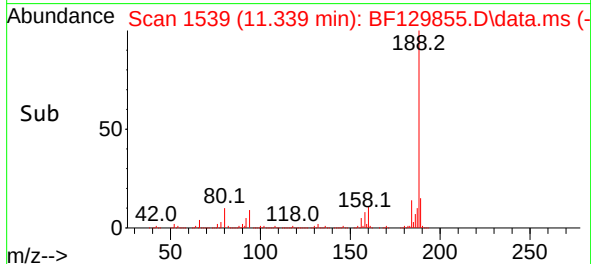
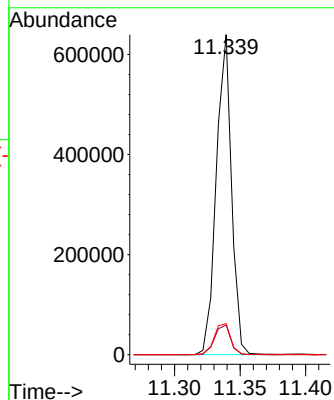
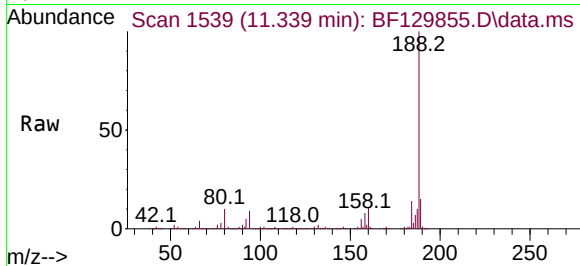




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129855.D
Acq: 17 Aug 2022 21:15

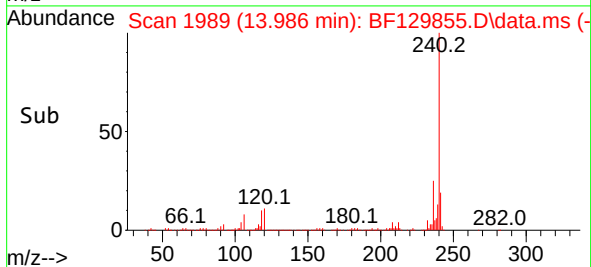
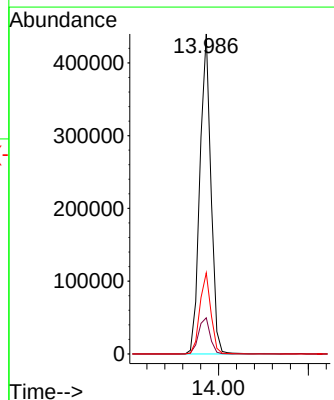
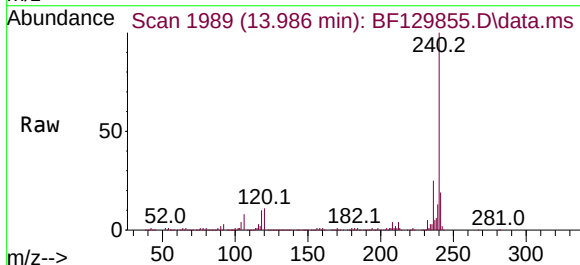
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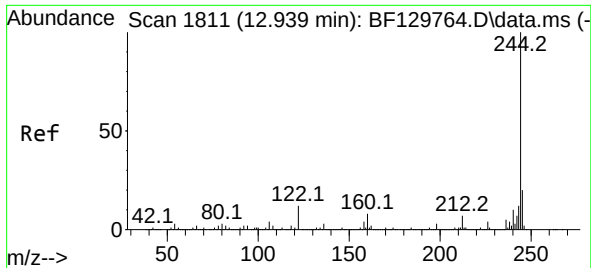
Tgt Ion:188 Resp: 517534
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF129855.D
Acq: 17 Aug 2022 21:15

Tgt Ion:240 Resp: 374464
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.3 20.7 31.1

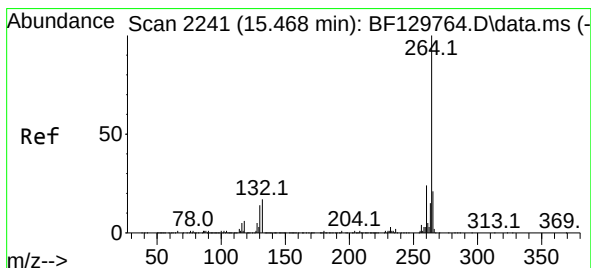
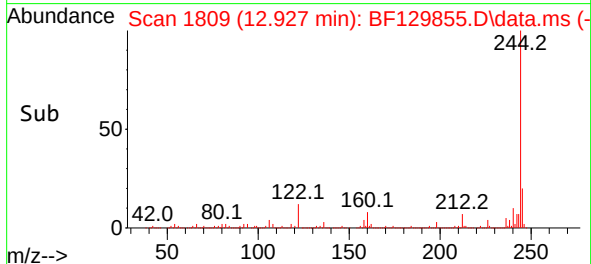
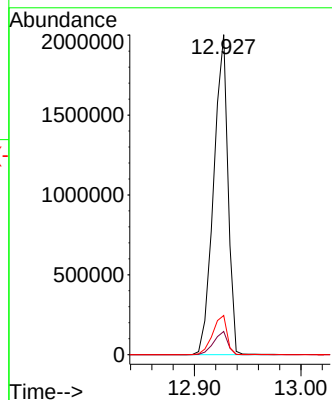
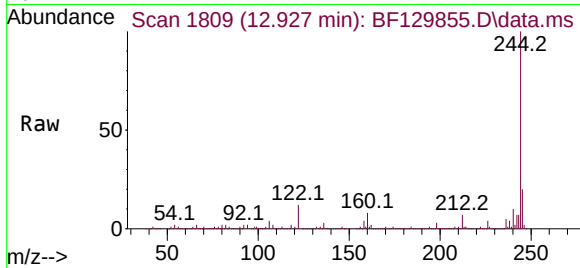




#79
 Terphenyl-d14
 Concen: 83.164 ng
 RT: 12.927 min Scan# 1811
 Delta R.T. -0.000 min
 Lab File: BF129855.D
 Acq: 17 Aug 2022 21:15

Instrument :
 BNA_F
 ClientSampleId :
 S14

Tgt Ion:244 Resp: 1871577
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.2 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: BF129855.D
 Acq: 17 Aug 2022 21:15

Tgt Ion:264 Resp: 284927
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.5 16.7 25.1

