

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129720.D
 Acq On : 11 Aug 2022 17:50
 Operator : CG\JU
 Sample : N4017-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB07

Quant Time: Aug 11 23:59:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	155206	20.000	ng	-0.01
21) Naphthalene-d8	8.110	136	630001	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	334106	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	574755	20.000	ng	#-0.01
76) Chrysene-d12	14.004	240	284520	20.000	ng	-0.02
86) Perylene-d12	15.480	264	284887	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1298795	136.318	ng	0.01
7) Phenol-d6	6.487	99	1672932	139.693	ng	0.00
23) Nitrobenzene-d5	7.398	82	1050626	91.035	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	382637	119.121	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	1828158	84.646	ng	-0.01
79) Terphenyl-d14	12.945	244	1789612	118.665	ng	-0.01

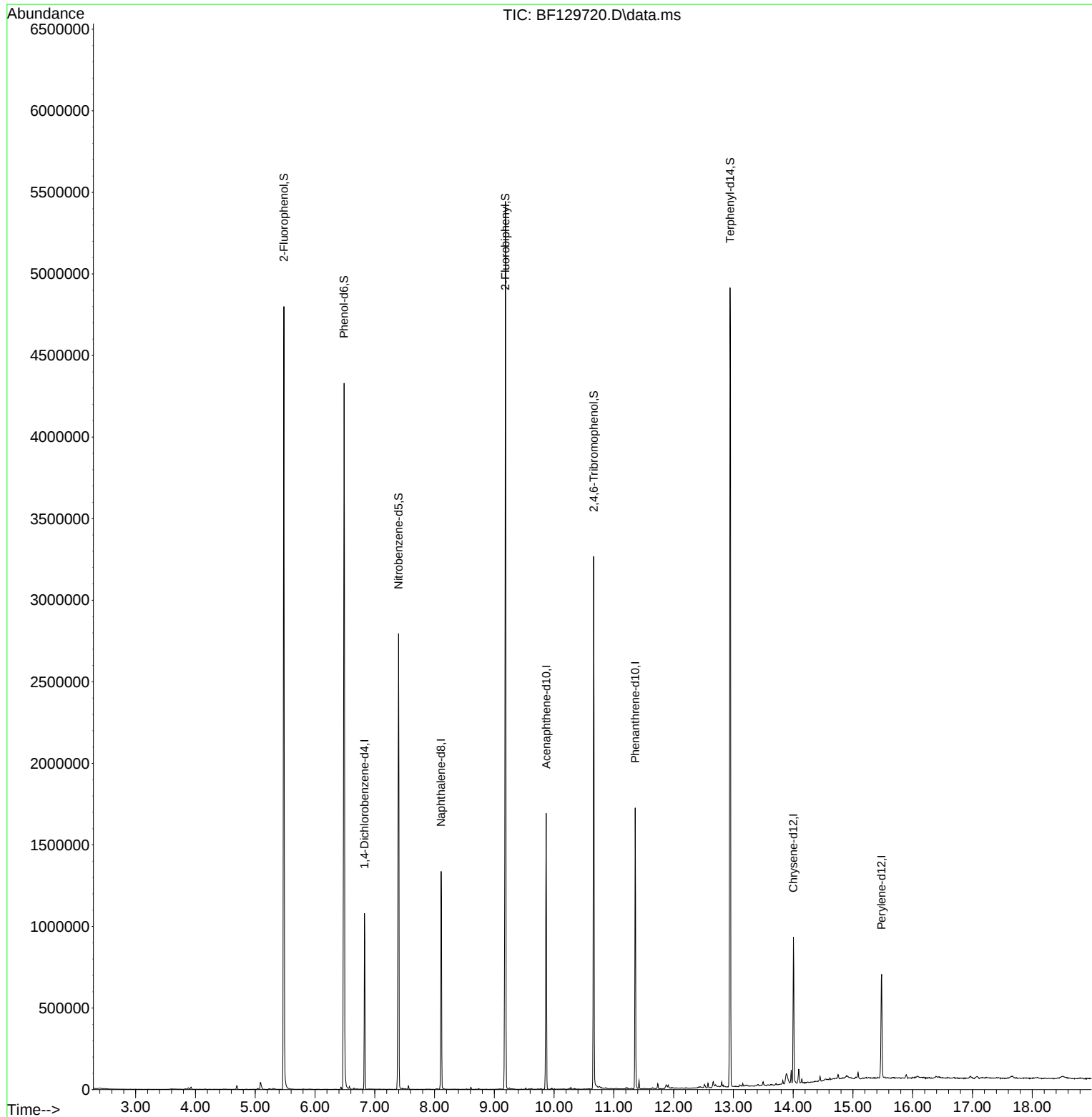
Target Compounds	Qvalue

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

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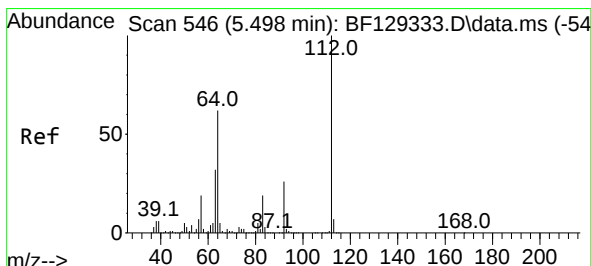
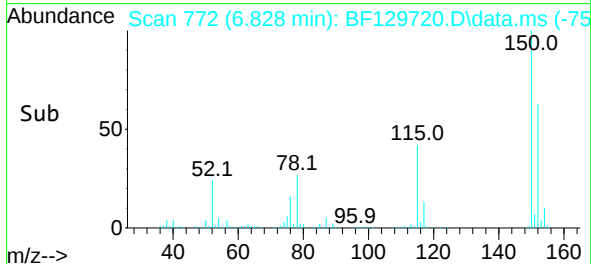
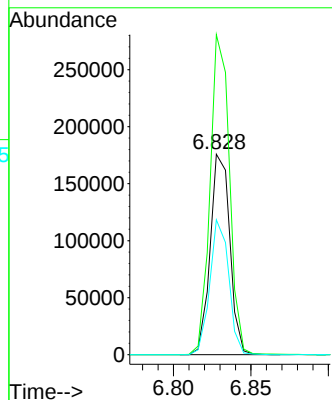
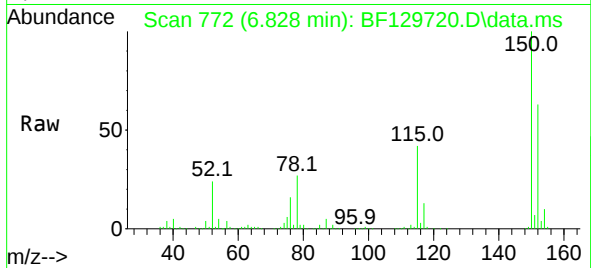




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF129720.D
 Acq: 11 Aug 2022 17:50

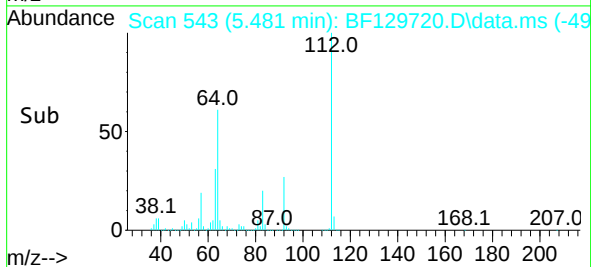
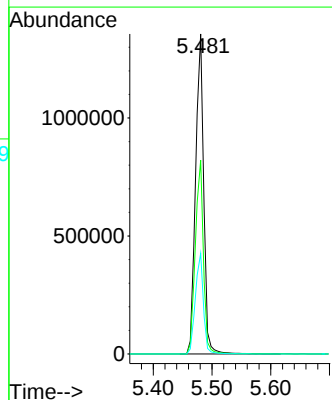
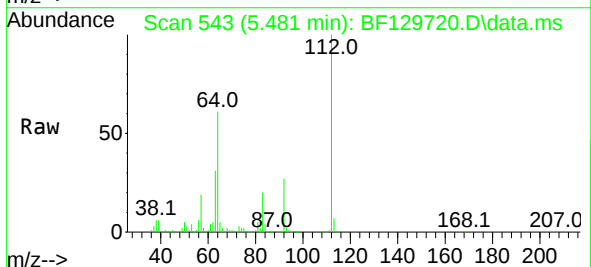
Instrument :
 BNA_F
 ClientSampleId :
 SB07

Tgt Ion:152 Resp: 155206
 Ion Ratio Lower Upper
 152 100
 150 159.7 123.7 185.5
 115 67.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 136.318 ng
 RT: 5.481 min Scan# 543
 Delta R.T. 0.012 min
 Lab File: BF129720.D
 Acq: 11 Aug 2022 17:50

Tgt Ion:112 Resp: 1298795
 Ion Ratio Lower Upper
 112 100
 64 60.6 53.3 79.9
 63 31.5 28.0 42.0

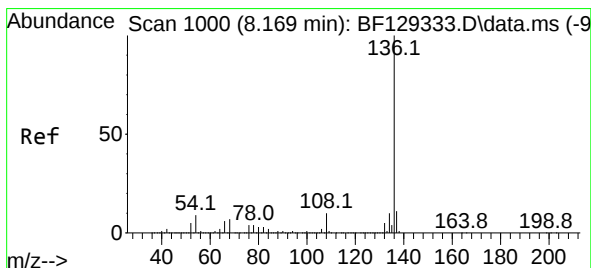
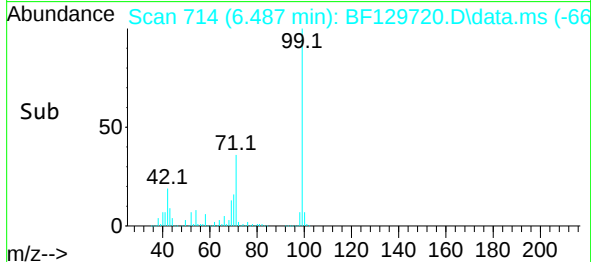
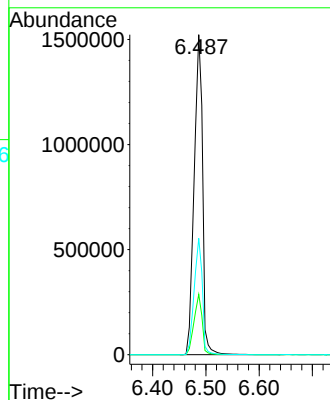
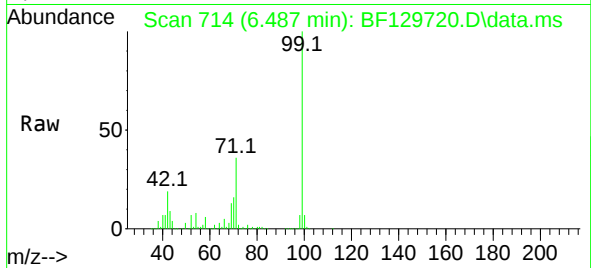




#7
Phenol-d6
Concen: 139.693 ng
RT: 6.487 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129720.D
Acq: 11 Aug 2022 17:50

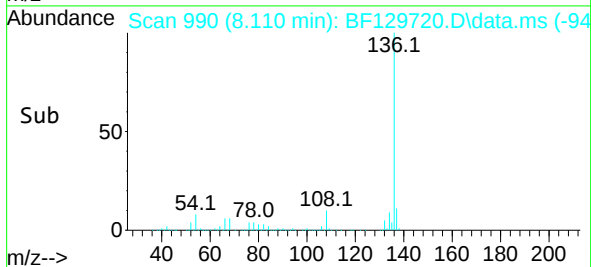
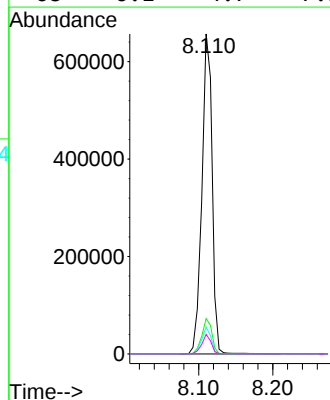
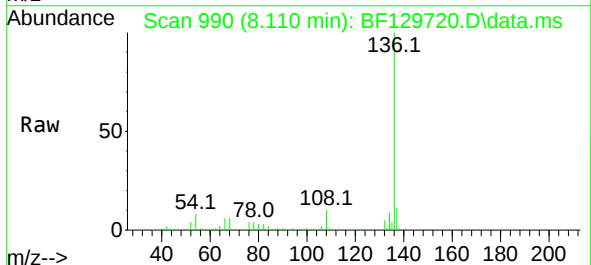
Instrument :
BNA_F
ClientSampleId :
SB07

Tgt Ion: 99 Resp: 1672932
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 36.3 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 990
Delta R.T. -0.012 min
Lab File: BF129720.D
Acq: 11 Aug 2022 17:50

Tgt Ion: 136 Resp: 630001
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.4 7.5 11.3
68 6.1 4.7 7.1

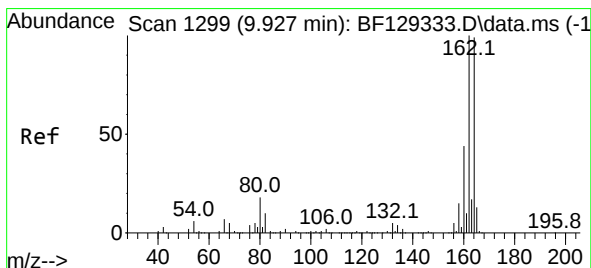
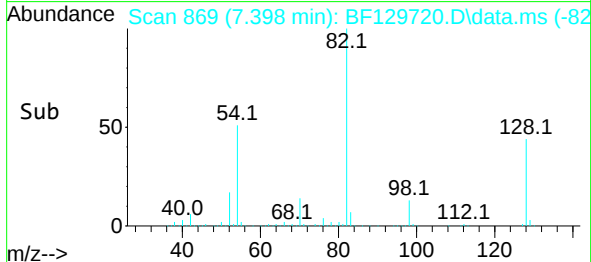
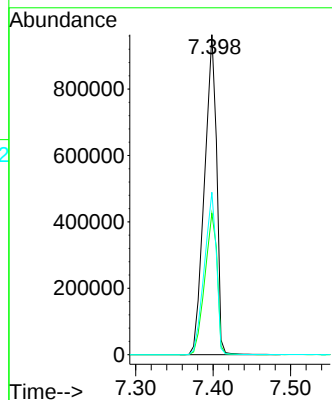
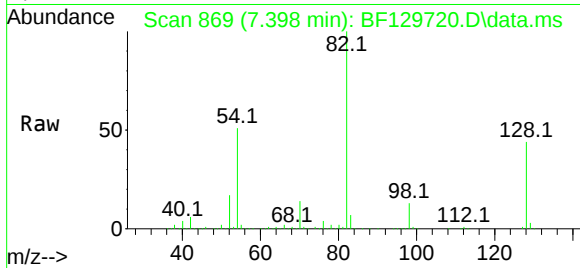




#23
Nitrobenzene-d5
Concen: 91.035 ng
RT: 7.398 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129720.D
Acq: 11 Aug 2022 17:50

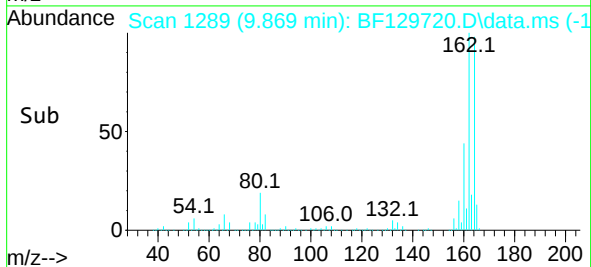
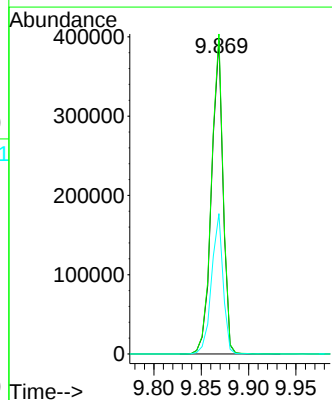
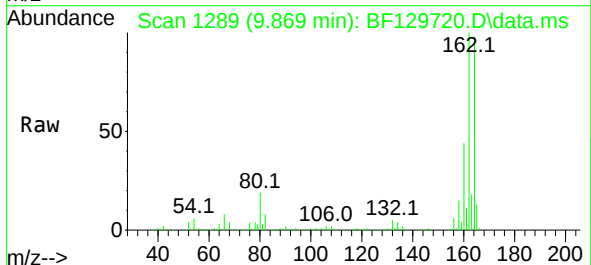
Instrument :
BNA_F
ClientSampleId :
SB07

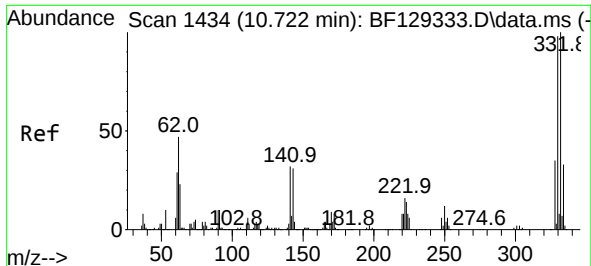
Tgt Ion: 82 Resp: 1050626
Ion Ratio Lower Upper
82 100
128 44.2 34.0 51.0
54 50.7 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF129720.D
Acq: 11 Aug 2022 17:50

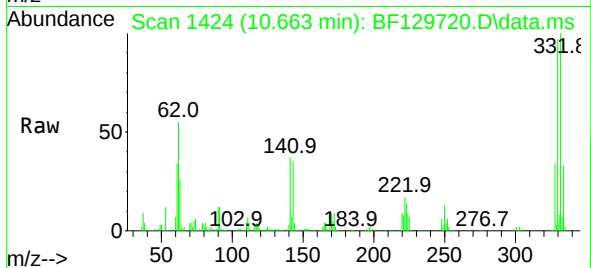
Tgt Ion: 164 Resp: 334106
Ion Ratio Lower Upper
164 100
162 102.1 79.5 119.3
160 44.8 34.2 51.4



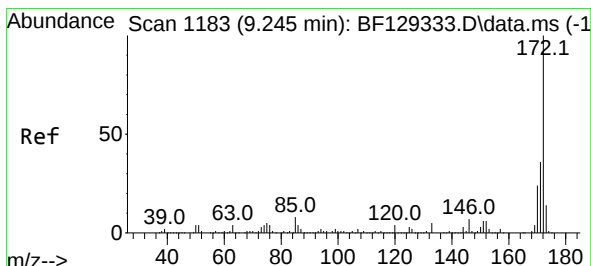
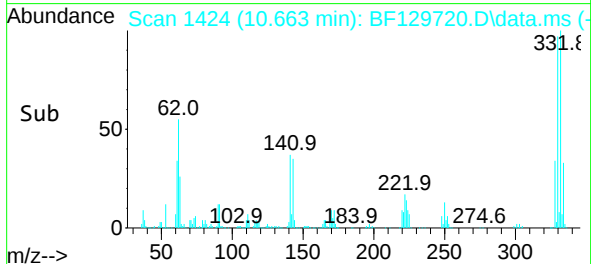
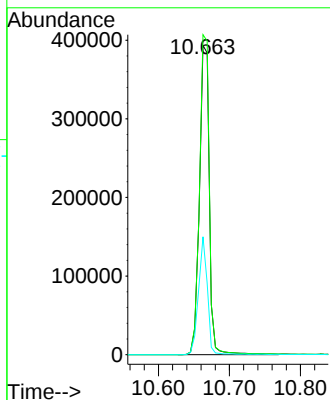


#42
2,4,6-Tribromophenol
Concen: 119.121 ng
RT: 10.663 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129720.D
Acq: 11 Aug 2022 17:50

Instrument :
BNA_F
ClientSampleId :
SB07

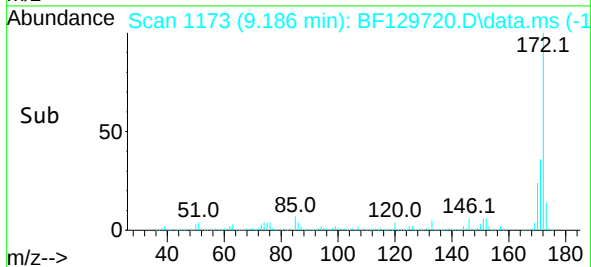
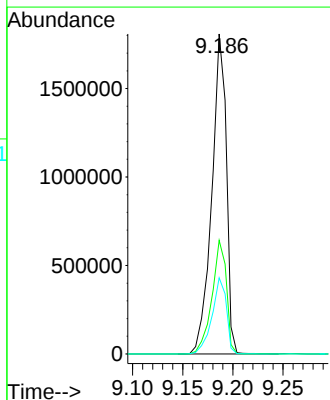
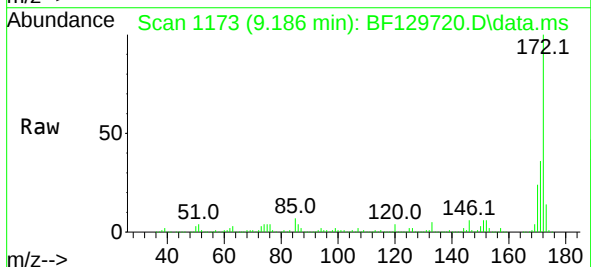


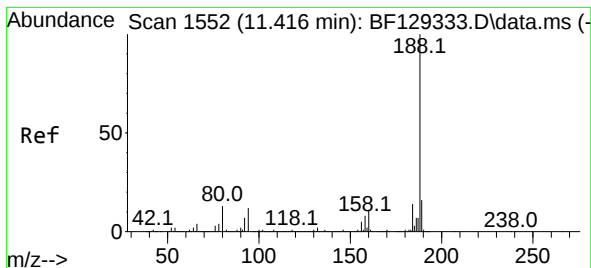
Tgt Ion:330 Resp: 382637
Ion Ratio Lower Upper
330 100
332 103.6 76.8 115.2
141 34.4 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 84.646 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF129720.D
Acq: 11 Aug 2022 17:50

Tgt Ion:172 Resp: 1828158
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.8 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129720.D

Acq: 11 Aug 2022 17:50

Instrument :

BNA_F

ClientSampleId :

SB07

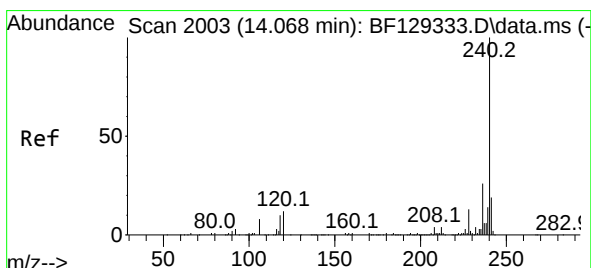
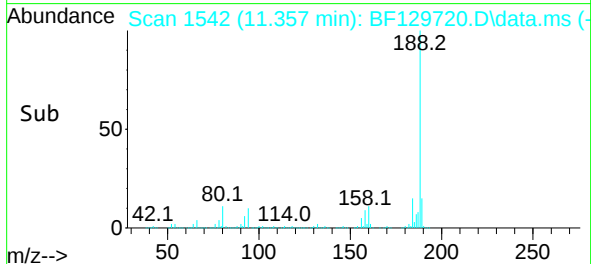
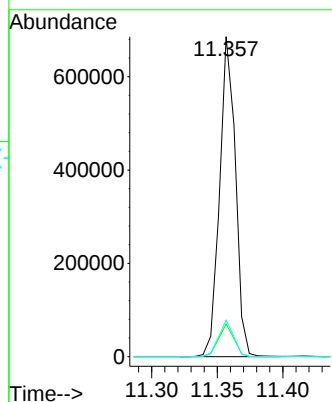
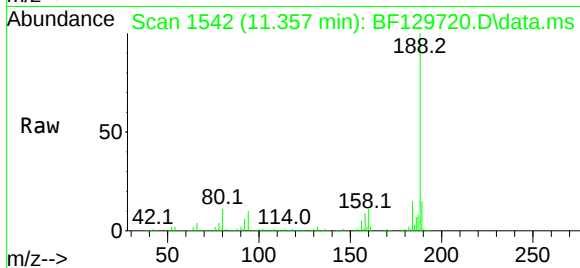
Tgt Ion:188 Resp: 574755

Ion Ratio Lower Upper

188 100

94 10.3 7.0 10.6

80 11.4 7.6 11.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 1992

Delta R.T. -0.018 min

Lab File: BF129720.D

Acq: 11 Aug 2022 17:50

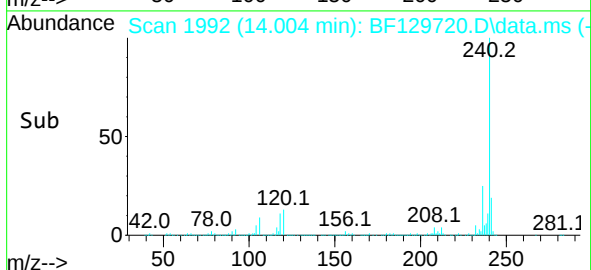
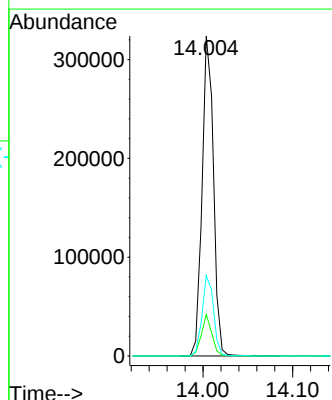
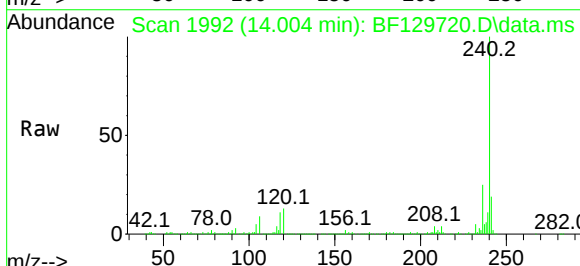
Tgt Ion:240 Resp: 284520

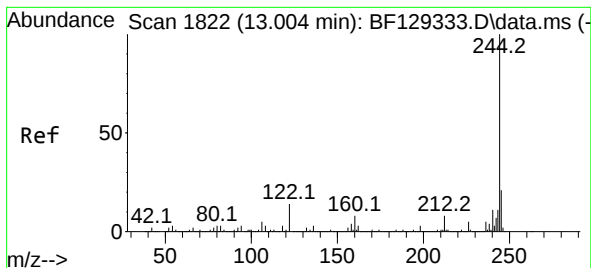
Ion Ratio Lower Upper

240 100

120 13.0 8.9 13.3

236 25.1 20.8 31.2





#79

Terphenyl-d14

Concen: 118.665 ng

RT: 12.945 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129720.D

Acq: 11 Aug 2022 17:50

Instrument :

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ClientSampleId :

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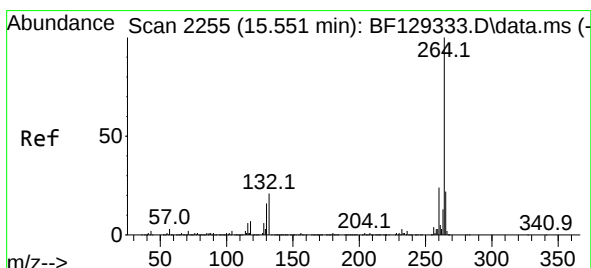
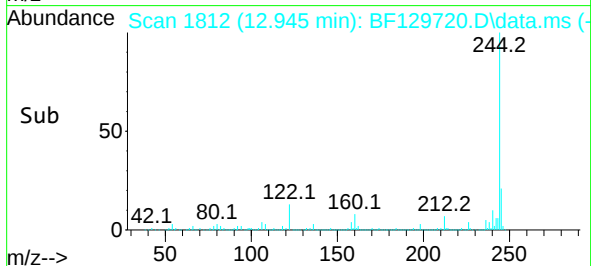
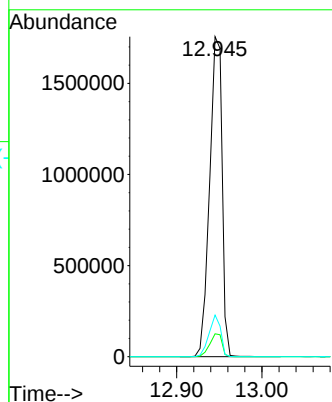
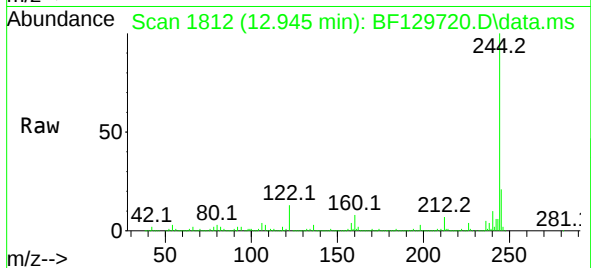
Tgt Ion:244 Resp: 1789612

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 13.0 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2243

Delta R.T. -0.012 min

Lab File: BF129720.D

Acq: 11 Aug 2022 17:50

Tgt Ion:264 Resp: 284887

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 21.4 17.2 25.8

