

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131679.D
 Acq On : 16 Dec 2022 22:01
 Operator : CG\JU
 Sample : N6037-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-27-(5-7)

Quant Time: Dec 17 03:59:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	70733	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	252745	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	144788	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	282268	20.000	ng	0.00
76) Chrysene-d12	14.080	240	166396	20.000	ng	0.00
86) Perylene-d12	15.580	264	145735	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	514219	121.282	ng	0.00
7) Phenol-d6	6.510	99	659122	118.632	ng	0.00
23) Nitrobenzene-d5	7.445	82	455823	68.184	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	182511	113.457	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	785087	68.369	ng	0.00
79) Terphenyl-d14	13.021	244	918048	75.664	ng	0.00

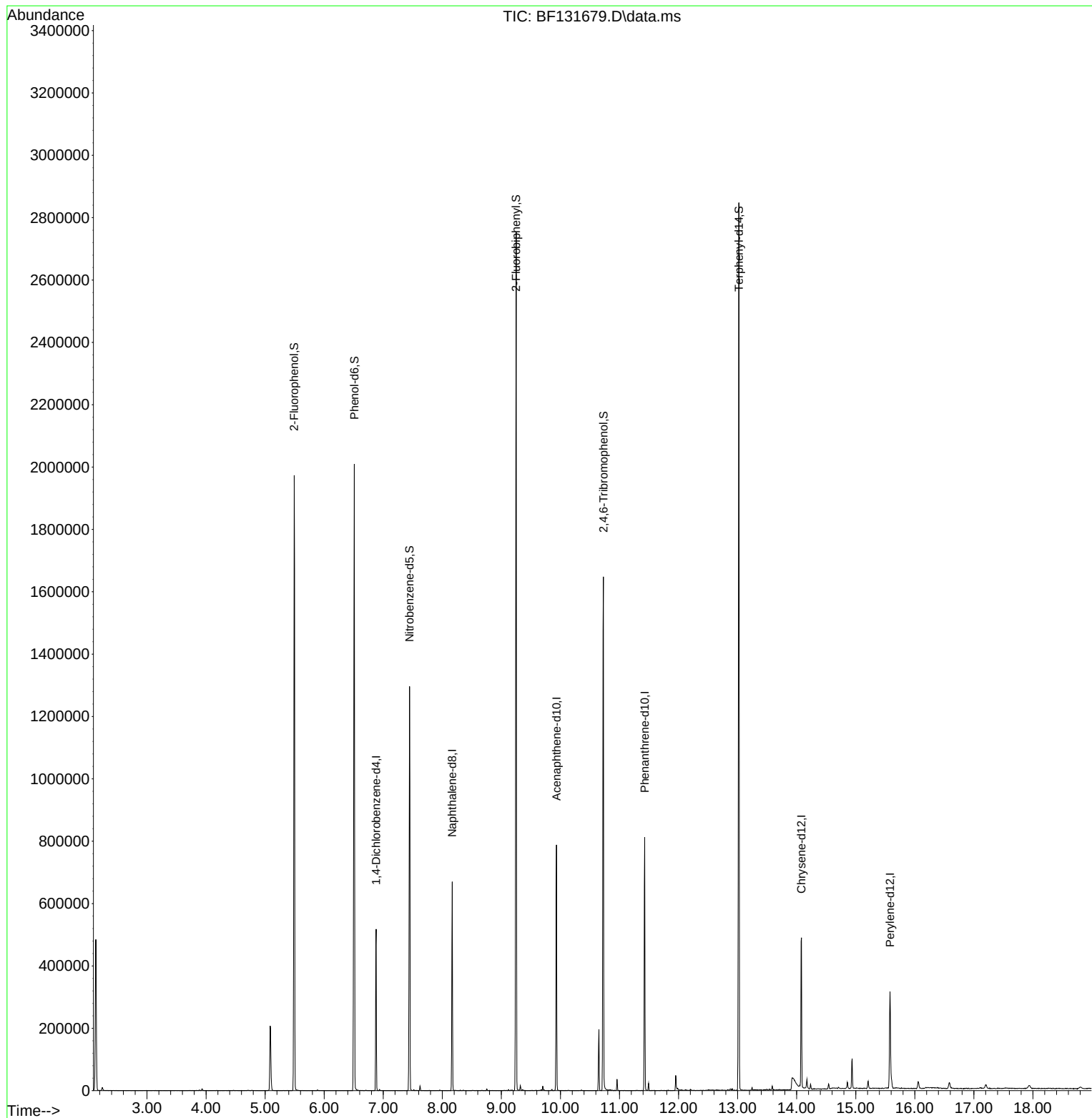
Target Compounds	Qvalue

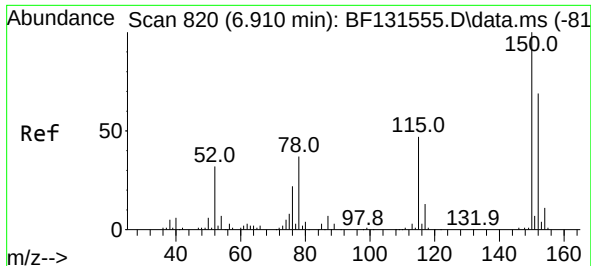
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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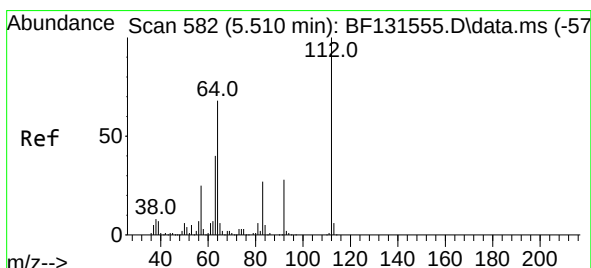
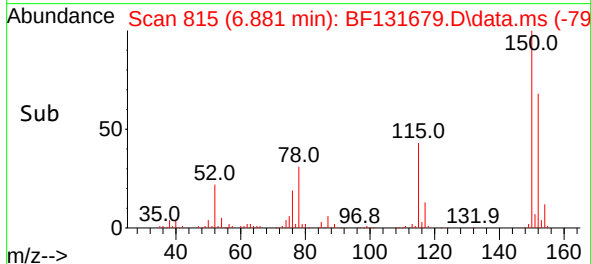
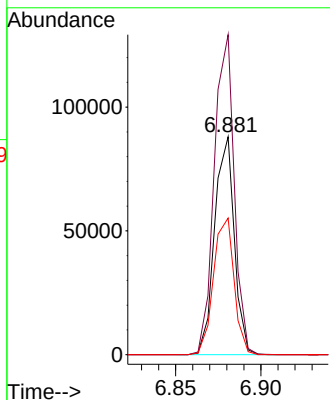
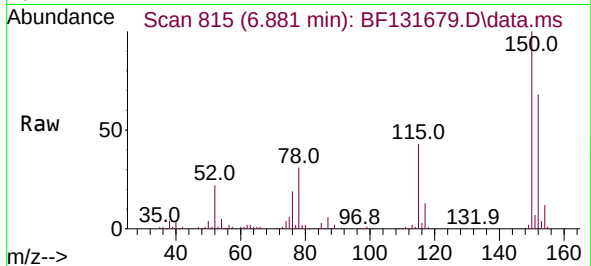




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131679.D
Acq: 16 Dec 2022 22:01

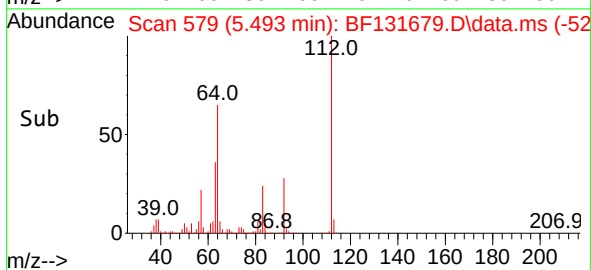
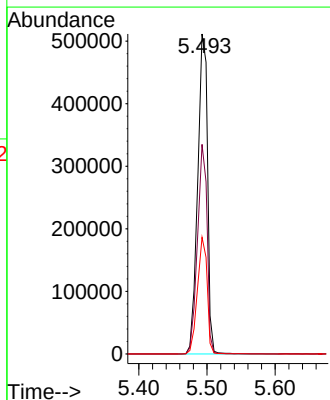
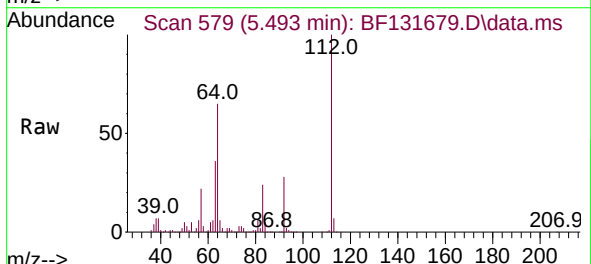
Instrument :
BNA_F
ClientSampleId :
RB-27-(5-7)

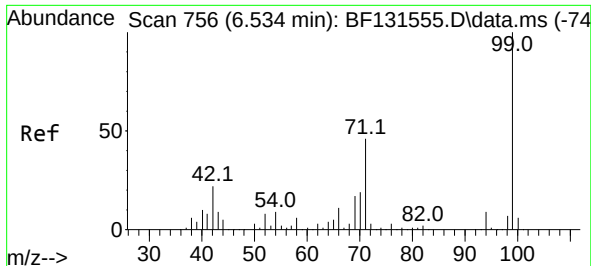
Tgt Ion:152 Resp: 70733
Ion Ratio Lower Upper
152 100
150 146.8 116.7 175.1
115 62.7 54.6 82.0



#5
2-Fluorophenol
Concen: 121.282 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF131679.D
Acq: 16 Dec 2022 22:01

Tgt Ion:112 Resp: 514219
Ion Ratio Lower Upper
112 100
64 65.5 54.5 81.7
63 36.4 31.9 47.9

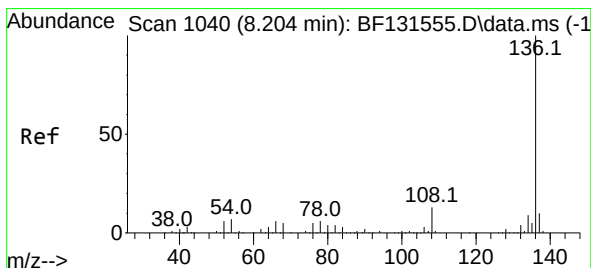
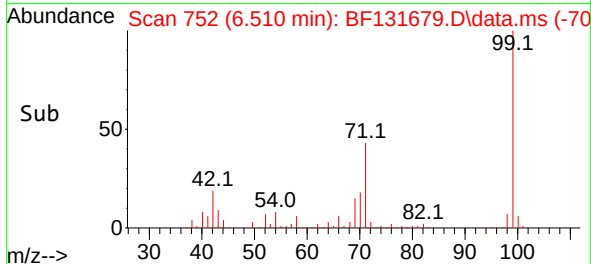
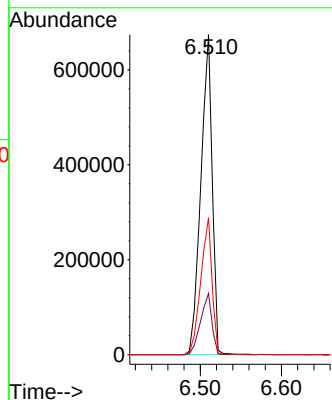
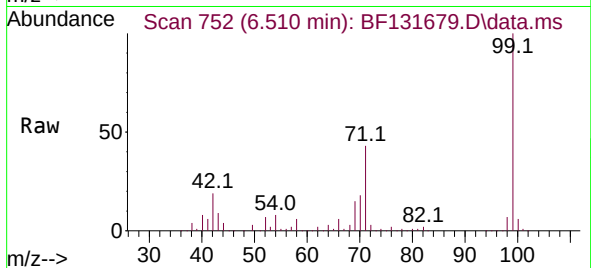




#7
Phenol-d6
Concen: 118.632 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131679.D
Acq: 16 Dec 2022 22:01

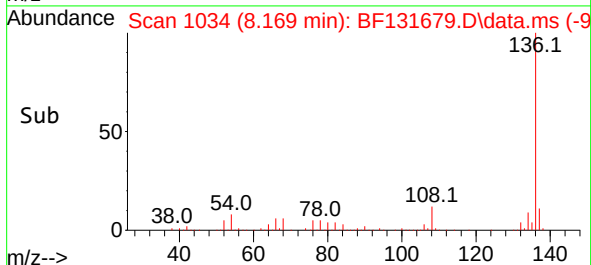
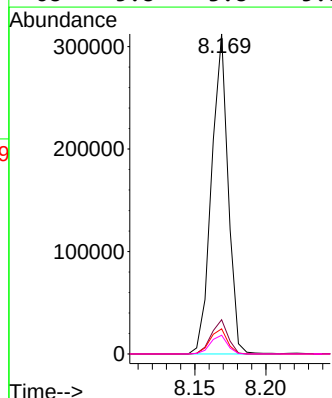
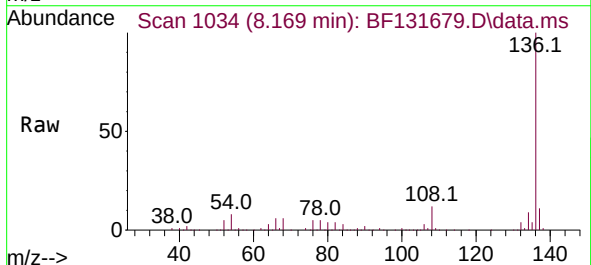
Instrument :
BNA_F
ClientSampleId :
RB-27-(5-7)

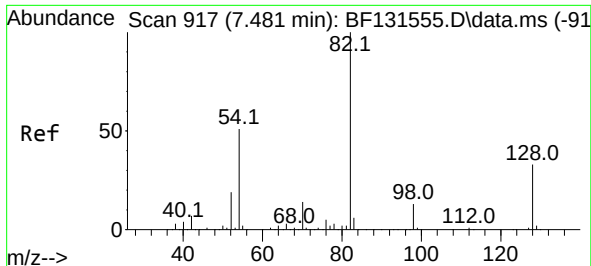
Tgt Ion: 99 Resp: 659122
Ion Ratio Lower Upper
99 100
42 19.2 17.9 26.9
71 42.8 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131679.D
Acq: 16 Dec 2022 22:01

Tgt Ion: 136 Resp: 252745
Ion Ratio Lower Upper
136 100
137 10.7 8.1 12.1
54 7.9 6.0 9.0
68 5.8 3.8 5.8#





#23

Nitrobenzene-d5

Concen: 68.184 ng

RT: 7.445 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131679.D

Acq: 16 Dec 2022 22:01

Instrument :

BNA_F

ClientSampleId :

RB-27-(5-7)

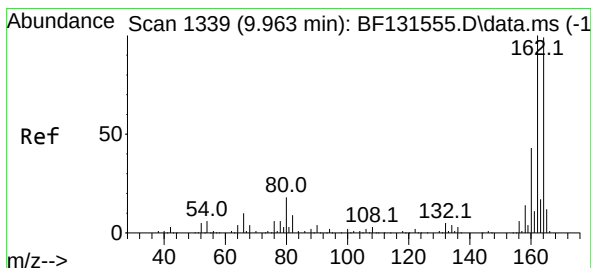
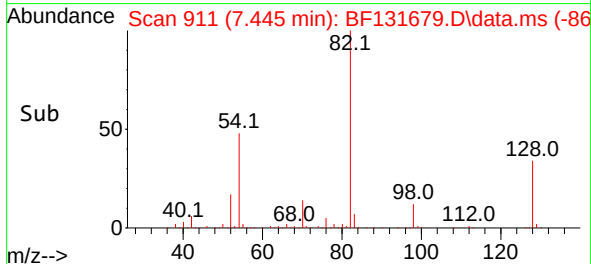
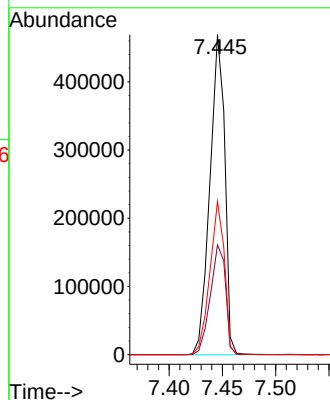
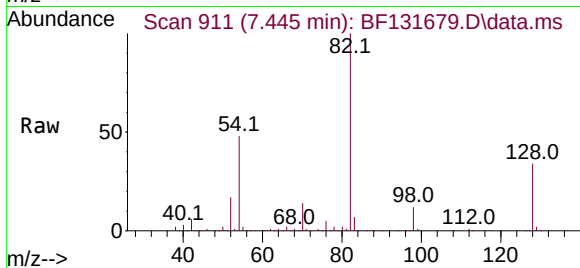
Tgt Ion: 82 Resp: 455823

Ion Ratio Lower Upper

82 100

128 34.3 26.1 39.1

54 47.8 40.6 60.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF131679.D

Acq: 16 Dec 2022 22:01

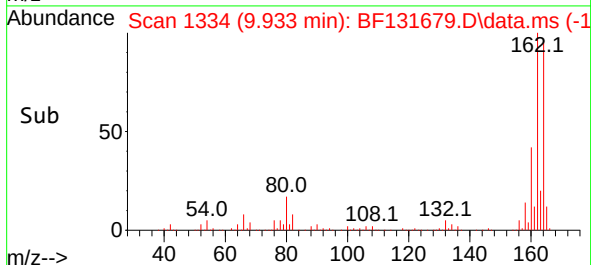
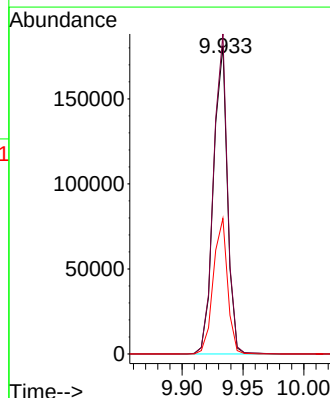
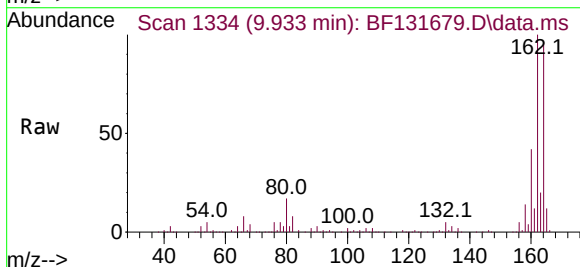
Tgt Ion:164 Resp: 144788

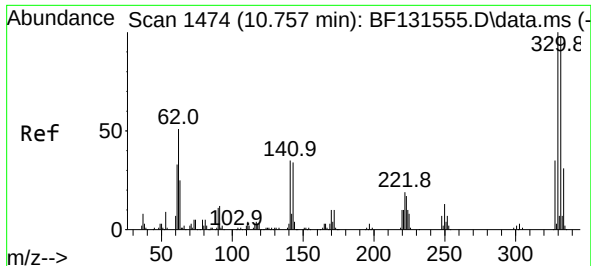
Ion Ratio Lower Upper

164 100

162 103.8 81.0 121.6

160 44.0 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 113.457 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131679.D

Acq: 16 Dec 2022 22:01

Instrument :

BNA_F

ClientSampleId :

RB-27-(5-7)

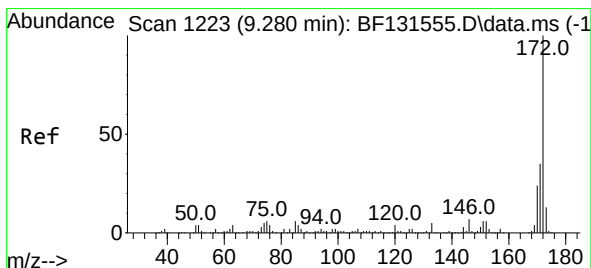
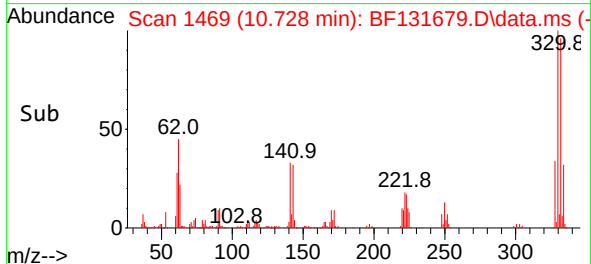
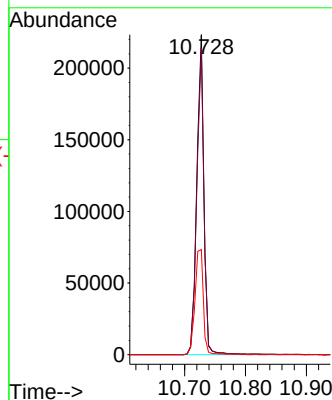
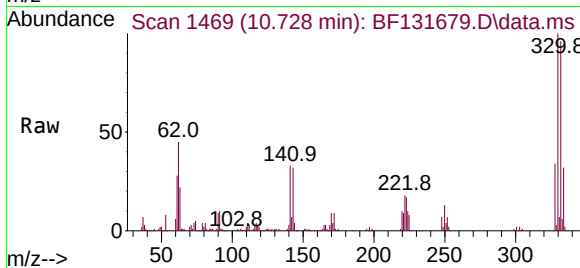
Tgt Ion:330 Resp: 182511

Ion Ratio Lower Upper

330 100

332 95.3 78.3 117.5

141 38.6 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 68.369 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF131679.D

Acq: 16 Dec 2022 22:01

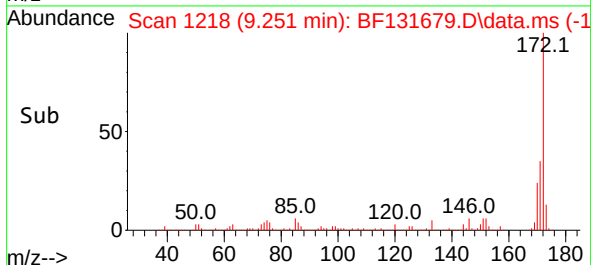
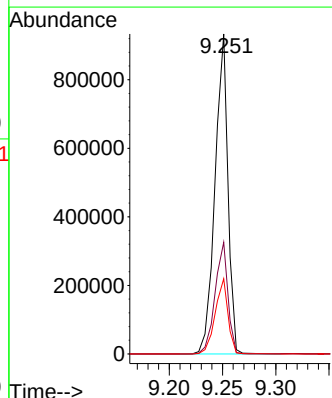
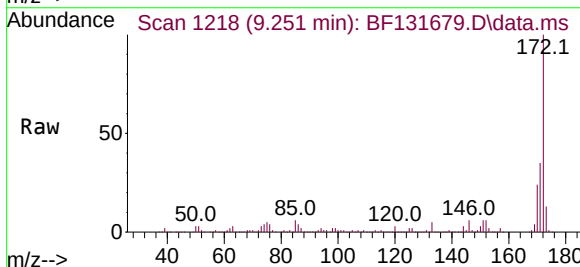
Tgt Ion:172 Resp: 785087

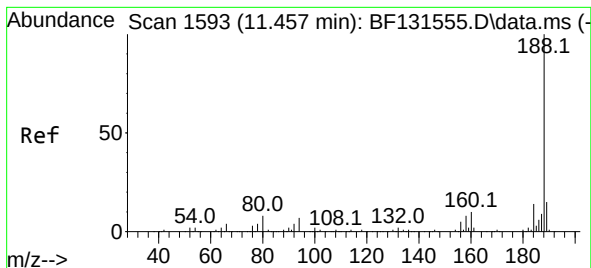
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.5 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131679.D

Acq: 16 Dec 2022 22:01

Instrument :

BNA_F

ClientSampleId :

RB-27-(5-7)

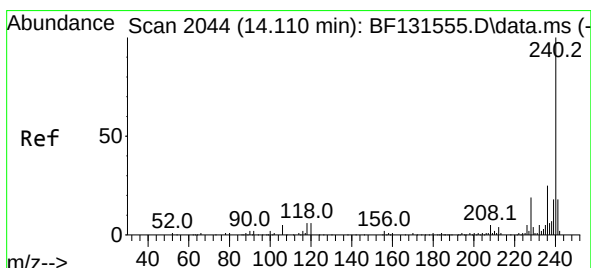
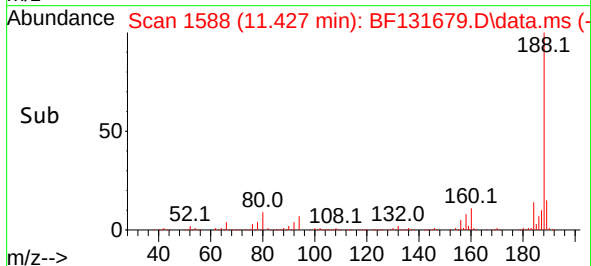
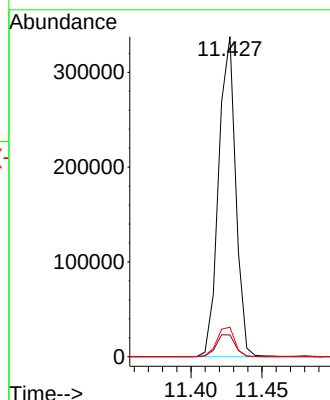
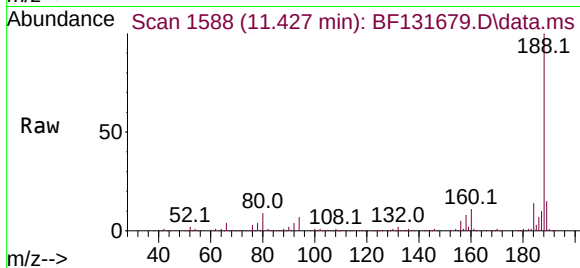
Tgt Ion:188 Resp: 282268

Ion Ratio Lower Upper

188 100

94 6.8 5.5 8.3

80 9.2 6.6 10.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BF131679.D

Acq: 16 Dec 2022 22:01

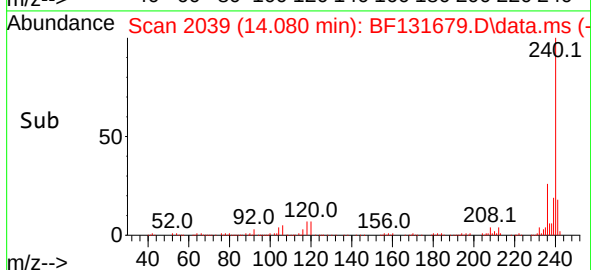
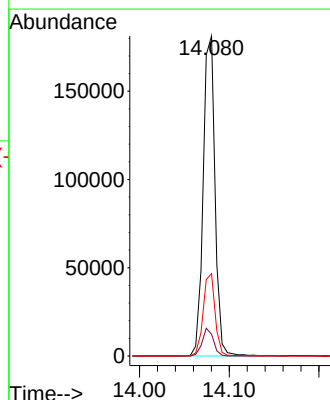
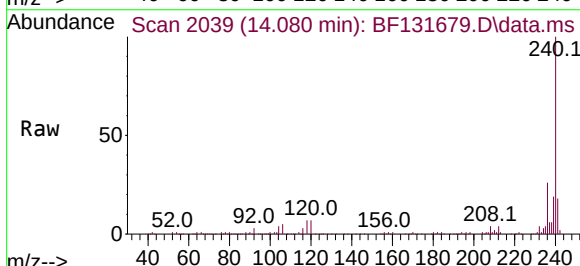
Tgt Ion:240 Resp: 166396

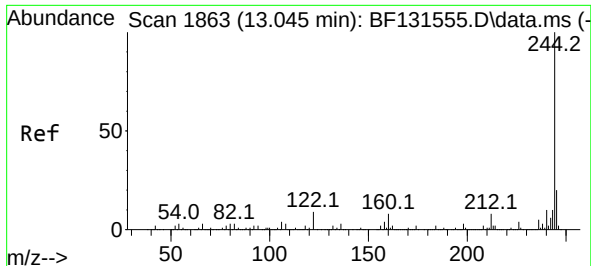
Ion Ratio Lower Upper

240 100

120 6.8 4.6 7.0

236 25.7 20.2 30.2

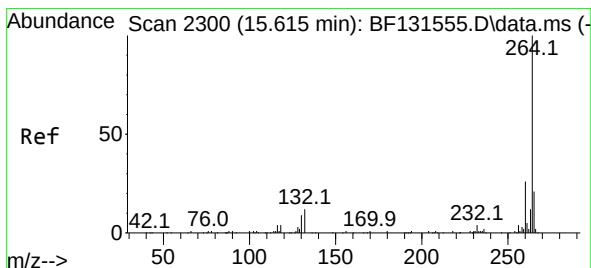
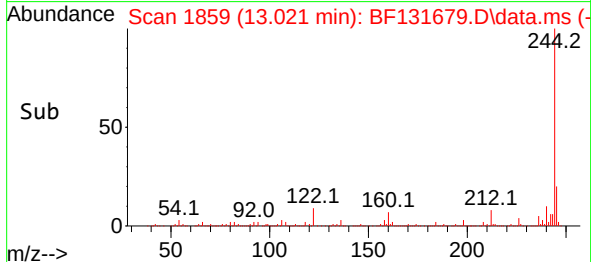
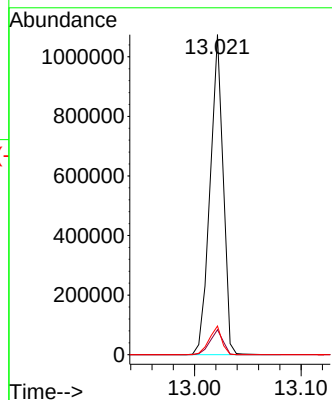
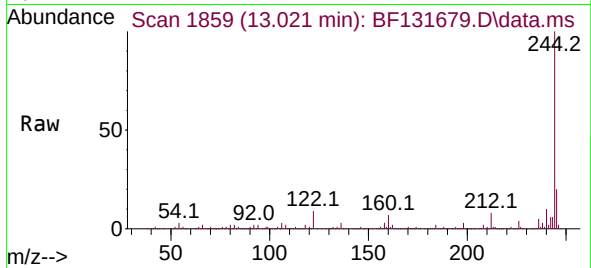




#79
 Terphenyl-d14
 Concen: 75.664 ng
 RT: 13.021 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131679.D
 Acq: 16 Dec 2022 22:01

Instrument :
 BNA_F
 ClientSampleId :
 RB-27-(5-7)

Tgt Ion:244 Resp: 918048
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 9.0 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. 0.000 min
 Lab File: BF131679.D
 Acq: 16 Dec 2022 22:01

Tgt Ion:264 Resp: 145735
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.6 30.8
 265 22.4 16.8 25.2

